

Docket 30-2018

# MOUNTAIN VIEW ENERGY, INC

PO Box 200  
Cut Bank, Montana 59427  
[mvw@bresnan.net](mailto:mvw@bresnan.net)

Phone: (406) 873-2235

Fax: (406) 873-2835

Thursday, May 10, 2018

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MONTANA BOARD OF OIL &  
GAS CONSERVATION • BILLINGS

George Hudak  
UIC Program Director  
Montana Board of Oil & Gas Conservation  
2535 St. Johns Avenue  
Billings, Montana 59102

RE: Request for Conversion & Subsequent Injection Permit  
Red Creek 16C-2/9B-2  
Section 2-Township 37 North, Range 5 West  
Glacier County, Montana

Dear Mr. Hudak:

Enclosed please find an underground injection control (UIC) application by Mountain View Energy, Inc, requesting the granting of authority to convert the above referenced well from a producing oil well to a water injection well. We are further requesting that the application be placed on the docket for the June 14, 2018 MBOGC Hearing.

If anything further is required regarding this application, please contact our office.

Thank you kindly for your time and consideration.

Sincerely,

MOUNTAIN VIEW ENERGY, INC

  
Patrick M. Montalban  
President & Chief Executive Officer

**STATE OF MONTANA  
BOARD OF OIL & GAS CONSERVATION**

**Thursday, June 14, 2018 Hearing**

**DOCKET NO.** \_\_\_\_\_

**Red Creek No. 16C-2/9B-2  
Section 2-T37N-R5W  
Glacier County, Montana  
API #25-035-21898**

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Steven Durrett, Vice Chairman  
Paul Gatzemeier, Board Member  
Mac McDermott, Board Member  
Peggy Ames Nerud, Board Member  
Dennis Trudell, Board Member  
Corey Welter, Board Member**

**MOUNTAIN VIEW ENERGY, INC  
Patrick M. Montalban – President & CEO**

**UNDERGROUND INJECTION CONTROL (UIC) PERMIT APPLICATION  
RED CREEK UNIT**

The following is submitted in support of our application to permit the conversion of the Red Creek 16C-2/9B-2, a producer from the Cut Bank (perforated) formation, for the purpose of water disposal into the Cut Bank and Madison Formation within the Red Creek Unit, as required by Rule 36.22.1403 of the Rules and Regulations of the Montana Board of Oil & Gas Conservation.

**1(a) Well Location:**

The Red Creek 16C-2/9B-2 well has been proposed for conversion to water injection for disposal within the Red Creek Unit, Glacier County, Montana as described below. Currently, the Red Creek 16C-2/9B-2 is a producing Cut Bank oil well. Attachment 1 shows the surface location and a circle of a quarter (1/4) mile radius representing the area of review (AOR) as listed below.

Red Creek 16C-2/9B-2 SE SE Sec. 2, T37N, R5W 455' FSL – 1280' FEL

**1(b) Wells within Quarter Mile AOR:**

There are currently 15 wells drilled within the quarter (1/4) AOR listed below:

1. Red Creek 18 (McAlpine 3A)
2. Red Creek 1701/1702 (1A)
3. Red Creek 14D-2/11A-2
4. Moberly 2-1
5. Red Creek 11
6. Red Creek 16A-2
7. Red Creek 16A2-2
8. Red Creek 36
9. Red Creek 37
10. Red Creek 6
11. Red Creek 7
12. Red Creek 2
13. Red Creek 4 (Moberly 4)
14. Red Creek 12
15. Red Creek Unit 26

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**1(c) Location of All Pipelines:**

Injection water will be delivered to the water injection well by buried pipeline. The water source for the Red Creek 16C-2/9B-2 injection well will be from the Red Creek Central Tank Battery in Section 2 T37N R5W. Injection water will be produced water from the Cut Bank and Madison Formations.

**1(d) Area Producing Formation, Fresh Water Aquifers and Water Well Information:**

The Cut Bank/Madison formation produces within a radius of ¼ mile of the proposed injection well location. The Cut Bank formation production is from approximately 2650' to 2750'. The Madison formation production is from approximately 2790' to 2860'.

The Sunburst Formation produces gas in one well within the ¼ mile AOR. The Sunburst Formation production is from 2612' to 2624' in the only well in the ¼ mile AOR. The Sunburst is a small lenticular sand without much productive area. The Sunburst appears tight in the electric logs for the Red Creek 16C-2/9B-2 proposed injection well.

<u>Location</u>	<u>Depth of Well</u>
1. SE SE Section 2 T37N R5W	203'
2. NE SW SE Section 11 T37N R5W	120'
3. NE SE NW Section 12 T37N R5W (Monitor Well)	21.9'

There are 3 freshwater zones, shallow 0-100' glacial till, 100'-350' Cretaceous Two Medicine and Eagle/Virgelle Formations and 2700' Mississippian Madison Formation. All these zones are potential USDW with TDS of less than 10,000 ppm. In general the Madison Formation is both a producing zone and a disposal zone in the Cut Bank area. Typical, the Madison Formation is too deep to be a cost effective freshwater source in this area. The shallower glacial till and Cretaceous Two Medicine, Eagle/Virgelle Formations are shallow enough to be a more cost effective freshwater source, than the Madison Formation.

**1(e) Name and Geological Description of Injection Zone:**

The Sun River Dolomite of the Madison Formation sits below the Jurassic aged Ellis/Rierdon Formation. The Ellis/Rierdon Formation forms an impermeable seal, 100' + thick seal between the porous Madison and the Cut Bank Formations.

The Cut Bank Formation sits above the Jurassic aged Ellis/Rierdon Formation. Above the Cut Bank formation is the Cretaceous Kootenai Formation alternating tight sands and shales which form an impermeable seal, 400'+ thick seal between the porous Cut Bank and Dakota Formations.

The top of the Madison is a tan dolomite fine to medium crystalline, sucrosic with good intergranular porosity in part, vugs, solution cavities and fractures. This creates a very porous and permeable reservoir for disposing of produced fluids. The Red Creek 16C-2/9B-2 proposed injection well has one horizontal lateral drilled into the Madison Formation and should be an excellent disposal zone with a large surface area exposed to this porous and permeable reservoir. The Madison Formation in the Red Creek Field is authorized unit production, Order 2006-408.

There are two (2) Madison disposal wells close by in the Cut Bank Field and Graben Coulee Field:

Kruger 7-F13, NW SE NW Section 13 T37N R5W  
Swensen A 4, NE SE Section 10 T37N R5W

There are two (2) inactive or P&A EOR Madison Injection well in the Red Creek Unit:

Red Creek 21, NW SW NE Section 12 T37N R5W (Shut-in)  
Red Creek 402, NW SW Section 2 T37N R5W (P&A)

There are three (3) active Madison disposal well in the Red Creek Unit:

Red Creek 1C-11, SW NE NE Section 11 T37N R5W  
Red Creek 2802, SE NW Section 2 T37N, R5W  
Red Creek 13D-2, SW SW Section 2 T37N, R5W

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The Lower Cut Bank is a light gray sandstone, quartzose, medium to coarse grained, medium sorting, scattered black and gray chert grains, buff clay matrix, non-calcareous. Poor to fair intergranular porosity. Not great for water disposal, but is within the authorized unit production and injection for the Red Creek Unit flood, Order 1964-031, 2006-408.

**1(f) Additional information on Producing Wells and Plugged and Abandoned Wells in the AOR:**

See attached well information and wellbore diagrams.

**1(g) Open Hole Logs:**

Open Hole Logs were waived by the Board of Oil and Gas when this well was drilled in 1994. Attached is a copy of a cased well log ran in 2009.

**1(h) Description of Wellbore Construction:**

See attached current and anticipated injection wellbore diagrams.

**1(i) Description of Injection Fluid:**

The injection fluid will consist of Cut Bank and Madison formation produced water from the Red Creek Unit leases in Section 1, 2, 11, & 12 T37N R5W. The anticipated injection rates are expected to be 1,000 – 2,000 BWPD. See attached water analysis for the Cut Bank Formation and Madison Formation from nearby wells.

**1(j) Names of Owners of Record:**

Closest offset operator is Synergy Offshore, LLC:

Synergy Offshore, LLC  
P.O. Box 2150  
Cut Bank, Montana 59427

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**Surface Owners:**

McAlpine Ranches, Inc. P.O. Box 667 Cut Bank, MT 59427-0667	NE/4, E/2 NW/4 Sec. 11 T37N R5W Lts 9, 10, S/2 NW/4, SW/4 Sec. 2 T37N R5W Lts 11, 12 S/2, NE/4, SE/4 Sec. 2 T37N R5W
Kenneth Berkram 363 Bilstad Rd. Cut Bank, MT 59427-0845	SW/4 NW/4 Sec. 11 T37N R5W
Annita Swensen (Ralph) P.O. Box 845 Cut Bank, MT 59427-0845	NW/4 NW/4 Sec. 11 T37N R5W
Cecelia Swensen P.O. Box 498 Cascade, MT 59421	“Same as above”
Jeff Nanini P.O. Box 1996 Cut Bank, MT 59427-1996	S/2 SW/4, NW/4 SW/4 Sec. 12 T37N R5W W/2 SE/4 Sec. 12 T37N R5W

Notification letters were sent on May 4, 2018 to the surface owners of record within the ¼ mile AOR: McAlpine Ranches, Kenneth Berkram, Annita Swensen, Cecelia Swensen, & Jeff Nanini. The sole operator/owner of the Red Creek Unit is Mountain View Energy, Inc and closest offset operator is Synergy Offshore, LLC in the Graben Coulee Field.

**ATTACHMENTS:**

1. Map of ¼ mile radius around injection well (AOR)
2. Well Information and wellbore schematic for wells within AOR
3. Proposed Wellbore schematic for Red Creek 16C-2/9B-2
4. Cased Hole Log for Red Creek 16C-2/9B-2
5. Sundry Notice for well conversion from production to injection
6. Water Analysis- Source Waters
7. GWIC Water Well Information
8. BOGC Orders on the Red Creek Unit
9. List of Surface Owners
10. Copies of Letters Sent
11. Copy of Hearing Notice

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1. Map of  $\frac{1}{4}$  Mile Radius  
around Injection well – Area  
of Review (AOR)

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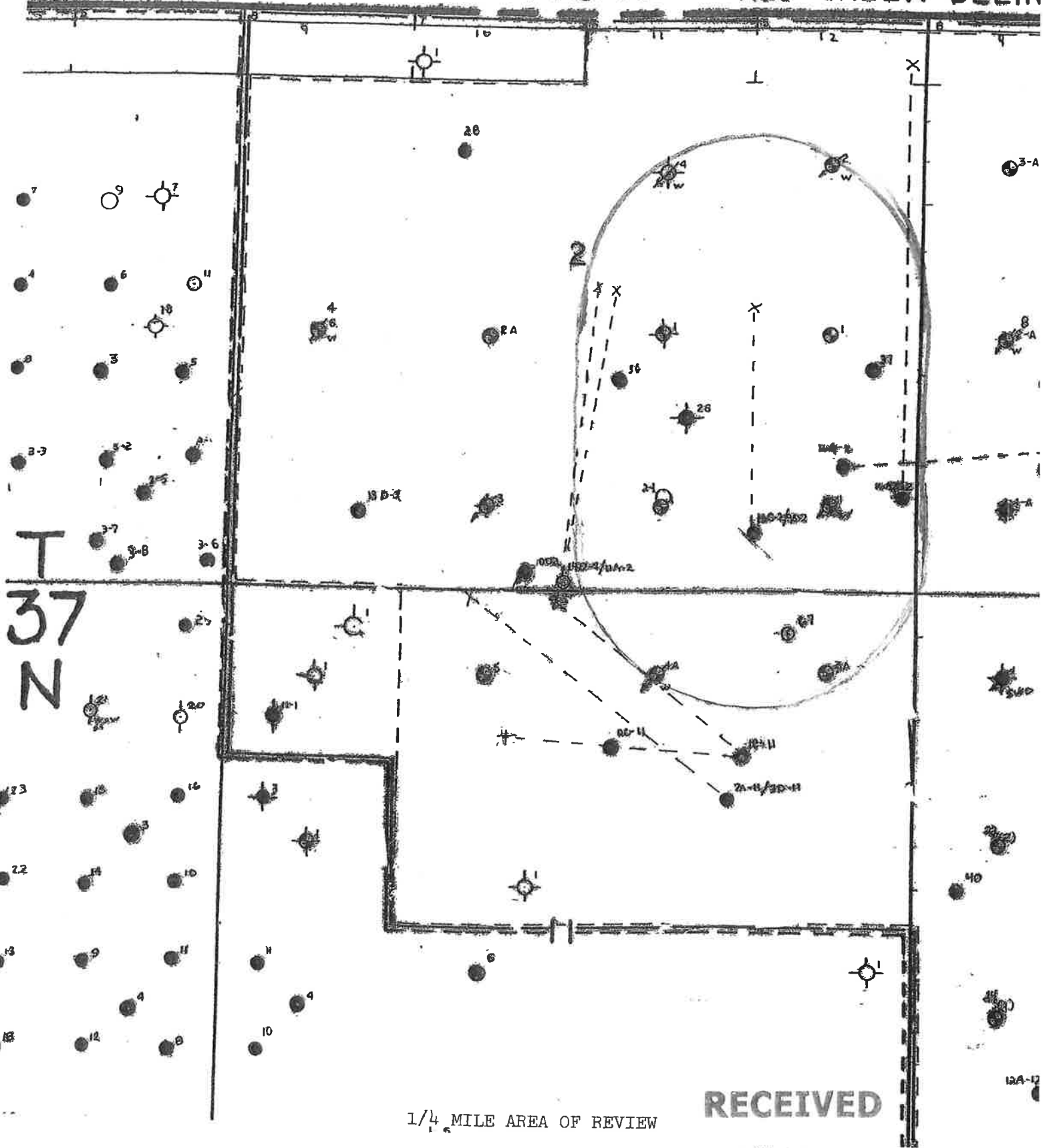
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ATION

R5W

RED CREEK DELIN



1/4 MILE AREA OF REVIEW

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## 2. Well Information & Wellbore schematic for wells within AOR

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*not included.  
See UIC file - gh*

3. Proposed Wellbore  
Schematic for Red Creek  
16C-2/9B-2

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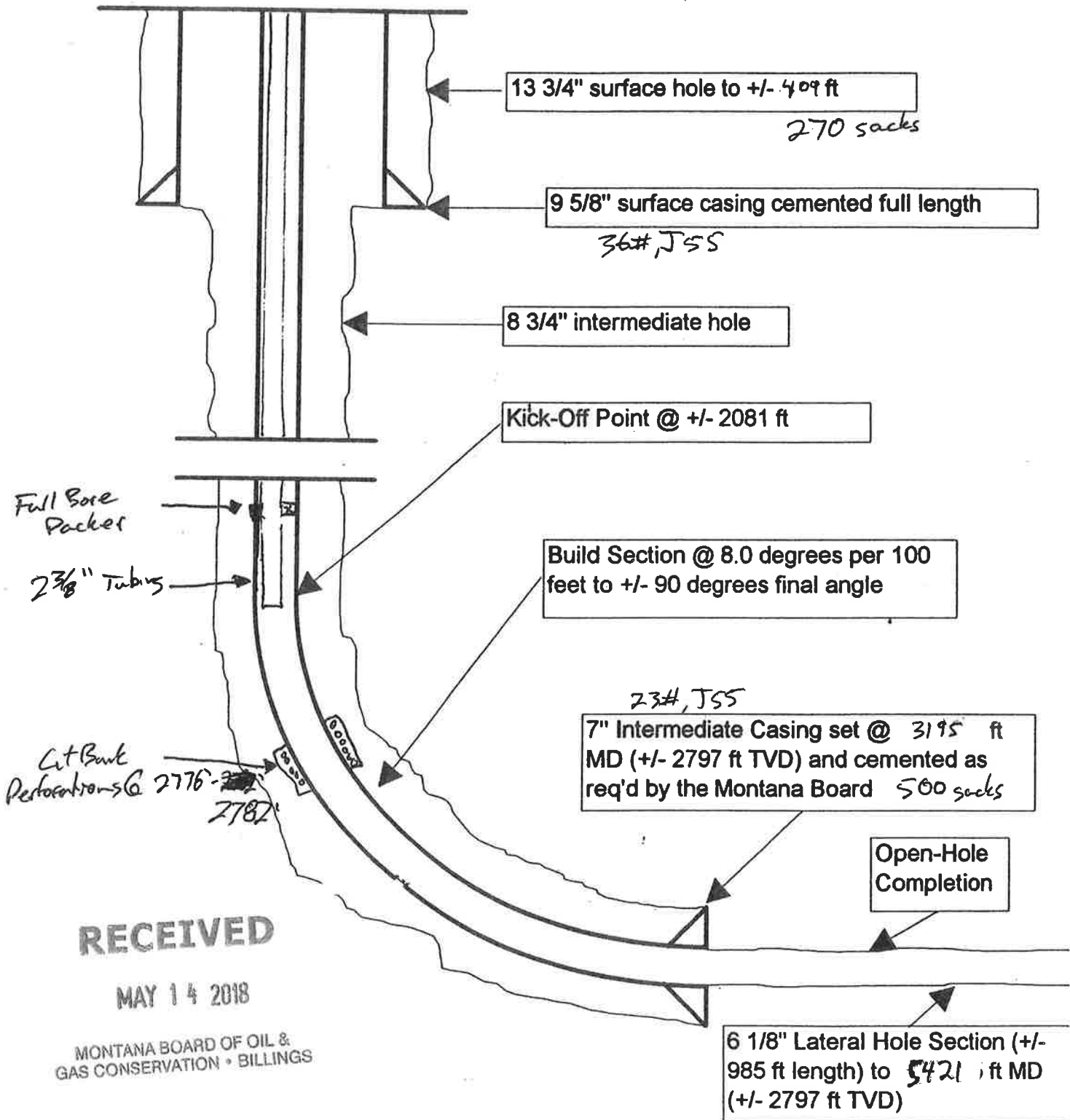
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# SUMMIT RED CREEK 16C-2-9B-2-37-5W P M M.

HORIZONTAL WELL SCHEMATIC (not to scale)

*After Workover to convert to injection.*



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# 4. Cased Hole Log for Red Creek 16C-2/9B-2

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Pulsed Neutron Neutron  
Gamma Ray / CCL

Company Mountain View Energy, Inc.  
Well Red Creek 16C - 2 - 9B  
Field Red Creek  
County Glacier  
State Montana

Company Mountain View Energy, Inc.  
Well Red Creek 16C - 2 - 9B  
Field Red Creek  
County Glacier State Montana

Location SE SE  
455' FSL & 1280' FEL  
SEC. 11 TWP. 37N RGE. 5W

Other Services  
None

Permanent Datum Ground Level Elevation 3762'  
Log Measured From Thirteen Feet Above Perm Datum K.B. 3775  
Drilling Measured From Kelly Bushing G.L. 3762

13-April-2009

Perforated Intervals

Run Number	Gun Type	Size	From	To
GR/CCL/TMP/P/NN	One	Size	From	To
Depth - Driller	5421'	To	From	@
Depth - Logger	2819'	To	From	@
Bottom Interval	2815'	To	From	@
Top Interval	2290'	To	From	@
Fluid in Hole	Water/Oil	To	From	@
Well	NR	To	From	@
Wellhead P/SI	****	To	From	@
Equipment No.	27 / Cut Bank, Montana	To	From	@
Recorded By	Patrick & Joseph Mortalban	Casing Record		
Recorded By	S. Seibert / M. Doerz	Size	Weight	From
Tool Joint No.	16643	9.625"	36.0#	Surface 396
Tool Joint #1	13.75"	7.00"	23.0#	Surface 3195
Tool Joint #2	8.75"			
Run Time	1994 year	Tubing Record		
PI Number	025-035-21898	Other Services		

Interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comment Type:  
Correlated to:  
Remarks:

Thank you for using Competition Wireline Cut Bank, Montana (406) 873.2262  
Your crew today was John Brown & Aaron Brown

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interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

ement Type:

orrelated to:

emarks:

**Thank you for using Competition Wireline Cut Bank, Montana (406) 873.2262  
Your crew today was John Brown & Aaron Brown**

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Standard PNN Analysis Curves Mnemonics

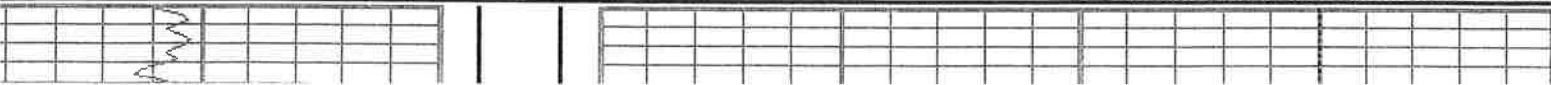
SWPNN Water saturation from PNN data (%)  
 Sigma Formation capture cross section (c.u.)  
 SSN Short Space Detector count rates (cps)  
 LSN Long Space Detector count rates (cps)  
 RATPOR PNN Ratio Porosity (%)  
 POR Effective Porosity (%)  
 PORWPNN Water saturated part of effective porosity PNN (%)  
 VSHPNN Volume of Shale PNN (%)  
 PORT Effective Porosity from PNN (%)  
 CCL Casing collar locator (mV)  
 TOUTF Borehole temperature (Deg.F)  
 GRPNN Natural gamma radioactivity (API)

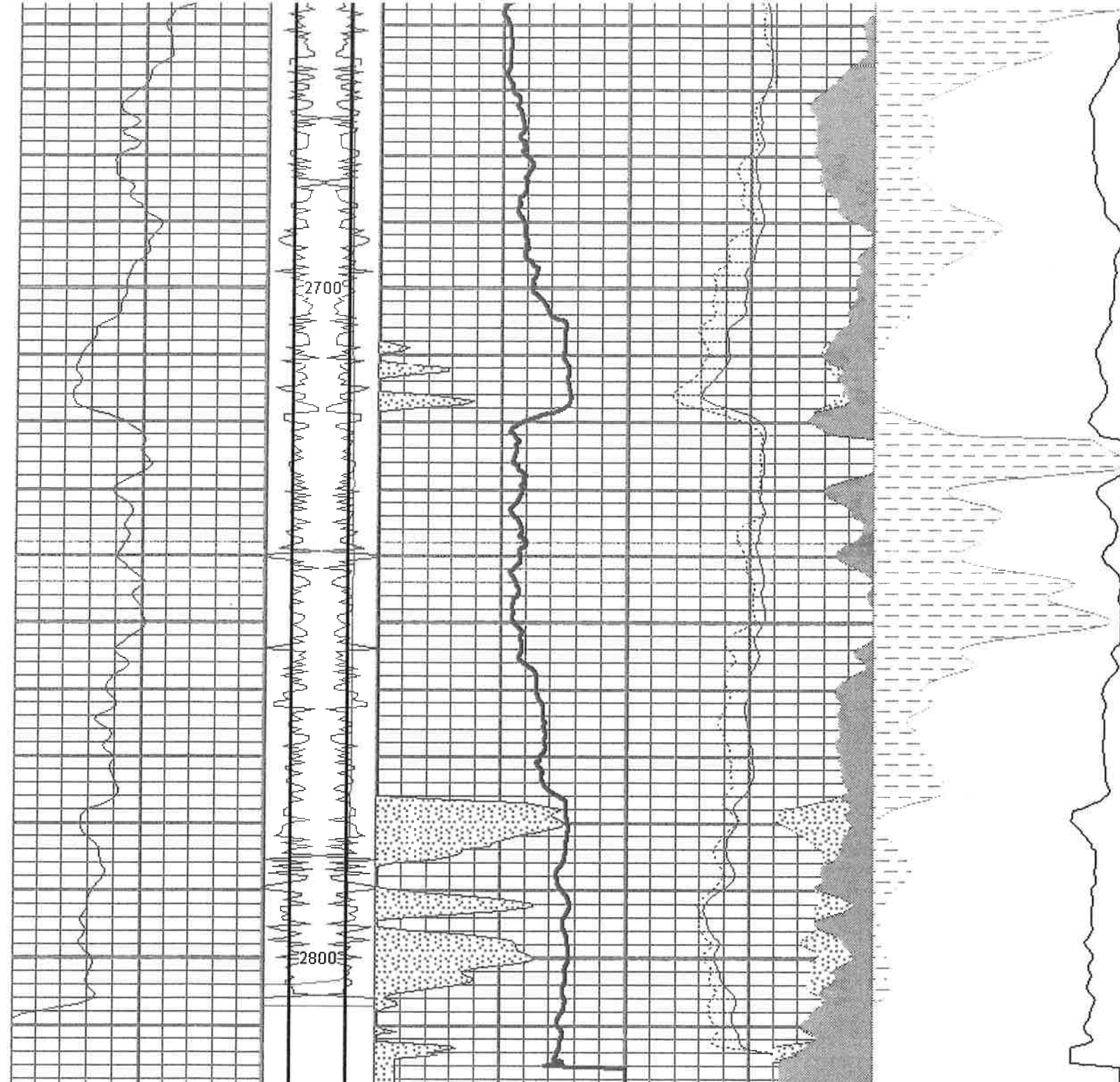


# PNN Processed Log

Database File: c:\warrior\data\2009\mountain view red creek 16c-2-9b\final\red\_creek\_16c-2-9b\_pnn\_procanalysis.db  
 Dataset Pathname: PNN/Main.1  
 Presentation Format: pnnfinal  
 Dataset Creation: Tue Apr 14 13:10:13 2009  
 Charted by: Depth in Feet scaled 1:240

GR PNN	150	75	TOUTF	85	60	SIGMA	0
GR (Stand Alone)	150	3	CCL	-7	45	RATIO POROSITY	-15
		-7	CCL	3		1000	SSN
						309	LSN
							9





0	GRPNN	150	75	TOUTF	85	60	SIGMA	0	309	LSN	9	0	VSH	100
				CCL	100		SWPNN	0	1000	SSN	0	100	PORT	0
					100				50	POR	0			
				CCL	3000				50	PORWPNN	0			
					3000									

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**Company** Mountain View Energy, Inc.  
**Well** Red Creek 16C - 2-9B  
**Field** Red Creek  
**County** Glacier  
**State** Montana





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5. Sundry Notice for well  
conversion from production  
to injection

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Submit In Quadruplicate To:

**MONTANA BOARD OF OIL AND GAS CONSERVATION  
2535 ST. JOHNS AVENUE  
BILLINGS, MONTANA 59102**

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**SUNDRY NOTICES AND REPORT OF WELLS**

Operator <b>MOUNTAIN VIEW ENERGY, INC</b>		Lease Name: <b>RED CREEK</b>
Address <b>PO Box 200</b>		Type (Private/State/Federal/Tribal/Allotted): <b>PRIVATE</b>
City <b>Cut Bank</b>	State <b>MT</b>	Zip Code <b>59427</b>
Telephone <b>(406) 873-2235</b>		Fax <b>(406) 873-2835</b>
Well Number: <b>16C-2</b>		Unit Agreement Name: <b>RED CREEK</b>
Location of well (1/4-1/4 section and footage measurements): <b>SESE-Section 2-T37N-R5W (455' FSL - 1280' FEL)</b>		Field Name or Wildcat: <b>RED CREEK</b>
API Number: <b>25   035   21898</b>		Township, Range, and Section: <b>Section 2-T37N-R5W</b>
Well Type (oil, gas, injection, other): <b>OIL</b>		County: <b>GLACIER</b>
State	County	Well

Indicate below with an X the nature of this notice, report, or other data:

Notice of Intention to Change Plans	<input type="checkbox"/>	Subsequent Report of Mechanical Integrity Test	<input type="checkbox"/>
Notice of Intention to Run Mechanical Integrity Test	<input checked="" type="checkbox"/>	Subsequent Report of Stimulation or Treatment	<input type="checkbox"/>
Notice of Intention to Stimulate or to Chemically Treat	<input type="checkbox"/>	Subsequent Report of Perforation or Cementing	<input type="checkbox"/>
Notice of Intention to Perforate or to Cement	<input type="checkbox"/>	Subsequent Report of Well Abandonment	<input type="checkbox"/>
Notice of Intention to Abandon Well	<input type="checkbox"/>	Subsequent Report of Pulled or Altered Casing	<input type="checkbox"/>
Notice of Intention to Pull or Alter Casing	<input type="checkbox"/>	Subsequent Report of Drilling Waste Disposal	<input type="checkbox"/>
Notice of Intention to Change Well Status	<input checked="" type="checkbox"/>	Subsequent Report of Production Waste Disposal	<input type="checkbox"/>
Supplemental Well History	<input type="checkbox"/>	Subsequent Report of Change in Well Status	<input type="checkbox"/>
Other (specify) <u>Convert to injection well</u>	<input checked="" type="checkbox"/>	Subsequent Report of Gas Analysis (ARM 36.22.1222)	<input type="checkbox"/>


**Describe Proposed or Completed Operations:**

Describe planned or completed work in detail. Attach maps, well-bore configuration diagrams, analyses, or other information as necessary. Indicate the intended starting date for proposed operations or the completion date for completed operations.

Move in service rig unit and pull rods and bottom hole pump. Pull 2-3/8" tubing and trip back in hole with bit; tag bridge plug and drill out at 2,810'. Circulate and clean hole. Run in hole with 7" x 2-3/8" packer and set above the Cut Bank Sandstone. Load tubing and casing annulus with packer fluid. Run witnessed MIT test. Convert well to disposal.

BOARD USE ONLY	
Approved _____	Date _____
Name _____	Title _____

The undersigned hereby certifies that the information contained on this application is true and correct:

5/10/18 

Date \_\_\_\_\_ Signed (Agent) \_\_\_\_\_

Joseph P. Montalban  
Print Name and Title

Telephone: \_\_\_\_\_ (406) 873-2235

# 6. Water Analysis – Source Waters

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# YAPUNCICH, SANDERSON & BROWN LABORATORIES

P. O. BOX 593

BILLINGS, MONTANA

13 N. 32ND ST.

## WATER ANALYSIS REPORT

Lab. No. 1891-W

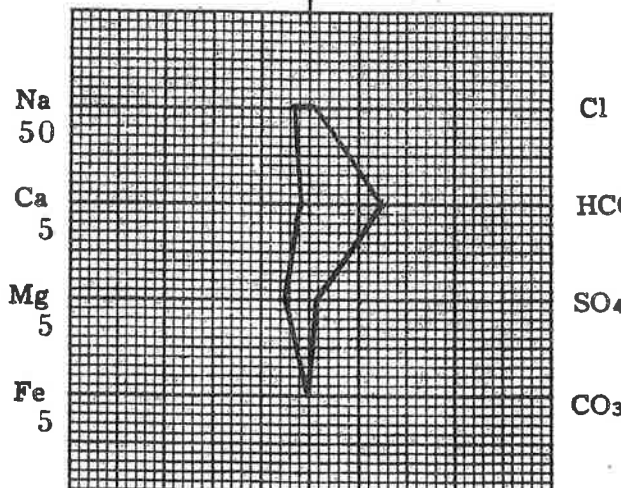
Field RED CREEK County GLACIER State MONTANA  
 Well No. 1 MOBERLY Location NW SE 2-37N-5W  
 Formation MADISON Depths 2838-2845'  
 Operator THE CARTER OIL COMPANY Date Sampled \_\_\_\_\_  
 DST No. 4 Sample \_\_\_\_\_ Date Analyzed 11-28-58  
 Other Data TOOL OPEN 30 MIN. SI 15 MIN. RECOVERED 536' FLUID. 486' GAS-CUT OIL AND 50' SULFUR WATER. FP 0-185 LBS., SIP 895 LBS., HP 1575-1575 LBS. SAMPLE MUDDY WATER WITH OIL ON TOP. CLEAR AMBER COLORED FILTRATE. ORGANIC MATTER PRESENT.

Constituents	PPM	MEQ.	MEQ. %	Total Solids in Parts per Million
Sodium	1616	70.27	40.48	By evaporation _____
Calcium	79	3.94	2.27	After ignition _____
Magnesium	153	12.58	7.25	Calculated <u>4772</u>
Sulfate	200	4.16	2.40	pH <u>8.0</u>
Chloride	1581	44.58	25.68	Specific Gravity @ 60°F <u>1.006</u>
Carbonate	0	0	0	Resistivity @ 68°F
Bicarbonate	2320	38.05	21.92	ohms/meter <sup>3</sup> <u>1.60</u>
Chloride as NaCl	<u>2607</u>	PPM.	Total Solids From Resistivity as NaCl	<u>4147</u> PPM.

NOTE: Sodium and potassium reported as sodium. MEQ.=milliequivalents per liter. PPM=parts per million (milligrams per liter). 1 PPM equivalent to 0.0001%

### WATER ANALYSIS PATTERN

Scale MEQ. Per Unit



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# WATER ANALYSIS REPORT

Lab. No. 3947-1

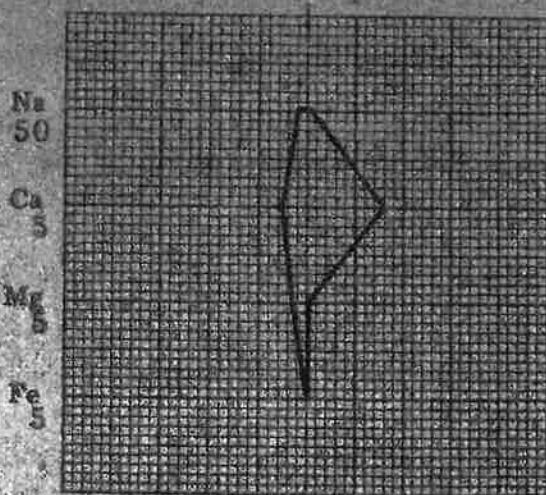
Field RED CREEK County GLACIER State MONTANA  
 Well No. E. MOBERLY Red Creek 12 Location SE 1/4 Sec 37 T24 N36W  
 Formation CUT BANK Depths \_\_\_\_\_  
 Operator SALT DOME PRODUCTION COMPANY Date Sampled \_\_\_\_\_  
 DST No. \_\_\_\_\_ Sample PRODUCTION Date Analyzed 3-12-59  
 Other Data SAMPLE CLEAR COLORLESS WATER WITH SCUM OF OIL.

Constituents	PPM	MEQ	MEQ. %	Total Solids in Parts per Million
Sodium	1475	64.16	38.04	By evaporation _____
Calcium	253	12.62	7.48	After ignition _____
Magnesium	92	7.56	4.48	Calculated <u>4593</u>
Sulfate	20	0.42	0.25	pH <u>7.4</u>
Chloride	1522	12.92	25.44	Specific Gravity @ 60°F <u>1.005</u>
Carbonate	0	0	0	Resistivity @ 68°F
Bicarbonate	2500	41.00	24.31	ohms/meter <sup>2</sup> <u>1.89</u>
Chloride as NaCl	2510	PPM	Total Solids From Resistivity as NaCl	<u>3180</u> PPM

NOTE: Sodium and potassium reported as sodium. MEQ—milliequivalents per liter. PPM—parts per million (milligrams per liter). 1 PPM equivalent to 0.0001%.

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# WATER ANALYSIS REPORT

Lab. No. 3947-2

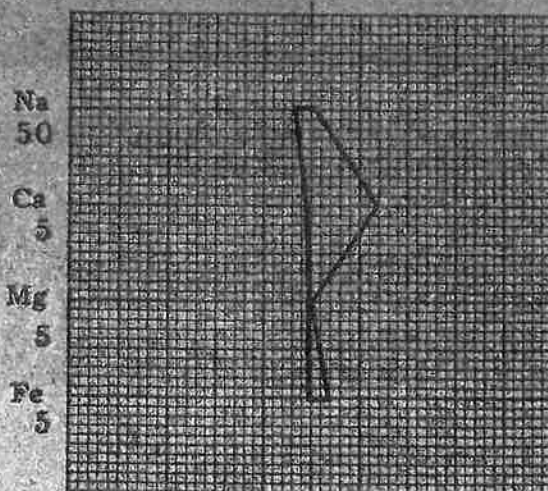
Field RED CREEK County GLACIER State MONTANA  
 Well No. E. MOBERLY Red Creek 12 Location SE 1/4 Sec 2137 NE 50  
 Formation MADISON Depths \_\_\_\_\_  
 Operator SALT DOME PRODUCTION COMPANY Date Sampled \_\_\_\_\_  
 DST No. Sample PRODUCTION Date Analyzed 3-12-59  
 Other Data SAMPLE CLEAR GREEN COLORED WATER. H<sub>2</sub>S PRESENT

Constituents	PPM	MEQ.	MEQ. %	Total Solids in Parts per Million
Sodium	1659	72.17	48.17	By evaporation _____
Calcium	40	2.00	1.34	After ignition _____
Magnesium	9	0.74	0.49	Calculated <u>4117</u>
Sulfate	24	0.50	0.38	pH <u>8.9</u>
Chloride	982	27.69	18.48	Specific Gravity @ 60°F <u>1.005</u>
Carbonate	295	9.82	6.55	Resistivity @ 68°F
Bicarbonate	2250	36.90	24.64	ohms/meter <sup>2</sup> <u>1.74</u>
Chloride as NaCl	1619	PPM	Total Solids From Resistivity as NaCl	<u>3776</u> PPM.

NOTE: Sodium and potassium reported as sodium. MEQ.—milliequivalents per liter. PPM—parts per million (milligrams per liter). 1 PPM equivalent to 0.0001%

## WATER ANALYSIS PATTERN

Scale MEQ. Per Unit



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# 7. GWIC Water Well Information

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### Montana Topographic Map Finder

The map is 1.86 miles wide.

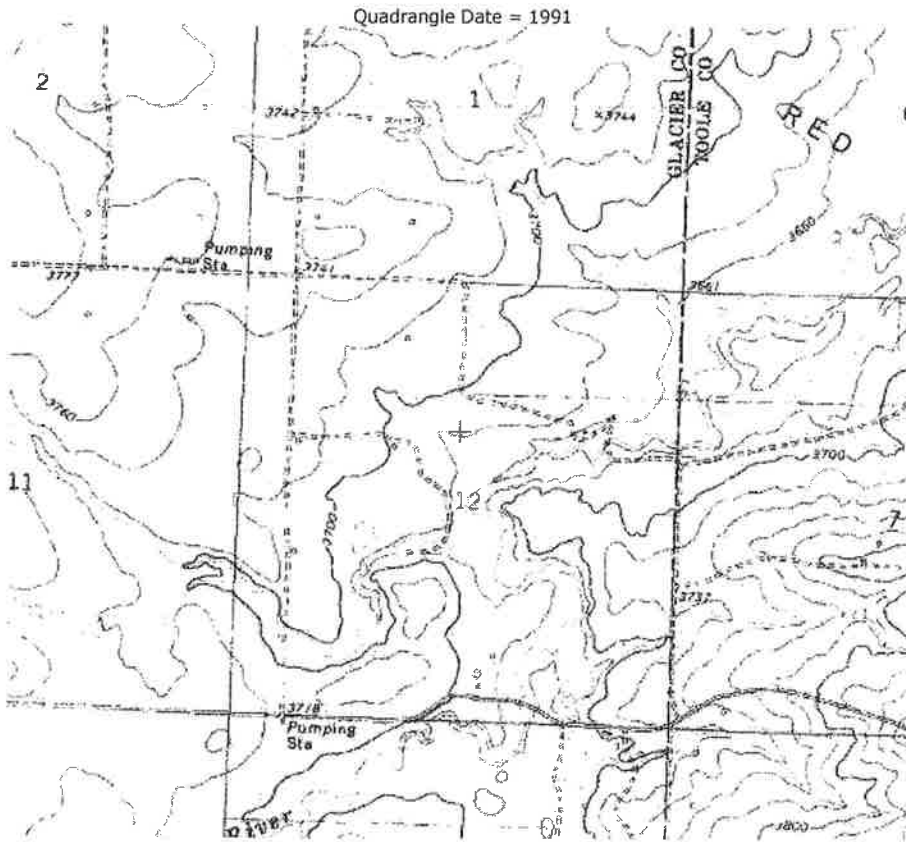
Select a Map Control, then click on the map

Choose Image Type

Topographic Map

#### Map Controls

ZoomIn Zoom Factor   
 ZoomOut  
 New Center



#### Map Center Coordinates at Red +

Datum: NAD83  NAD27

#### Decimal Degrees

Lat 48.9814 Long -112.2036

#### State Plane

E 402141 N 529214

#### UTM Zone 12

E 411931 N 5425867

#### US National Grid

12U VV 11931 25867

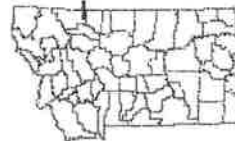
TRS T37N R5W S12

Hydrologic Unit 10050002  
Upper Milk River

Download 24K quadrange: [Fitzpatrick Lake](#)

Download 100K quadrange: [Cut Bank](#)

Click the small map to move the main map center.



[Legend](#) | [Help](#)

Map Size:  Extra Large  Large  Small

[Click Here to view other map data for this area.](#)



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# Montana Topographic Map Finder

The map is 1.86 miles wide.

Choose Image Type

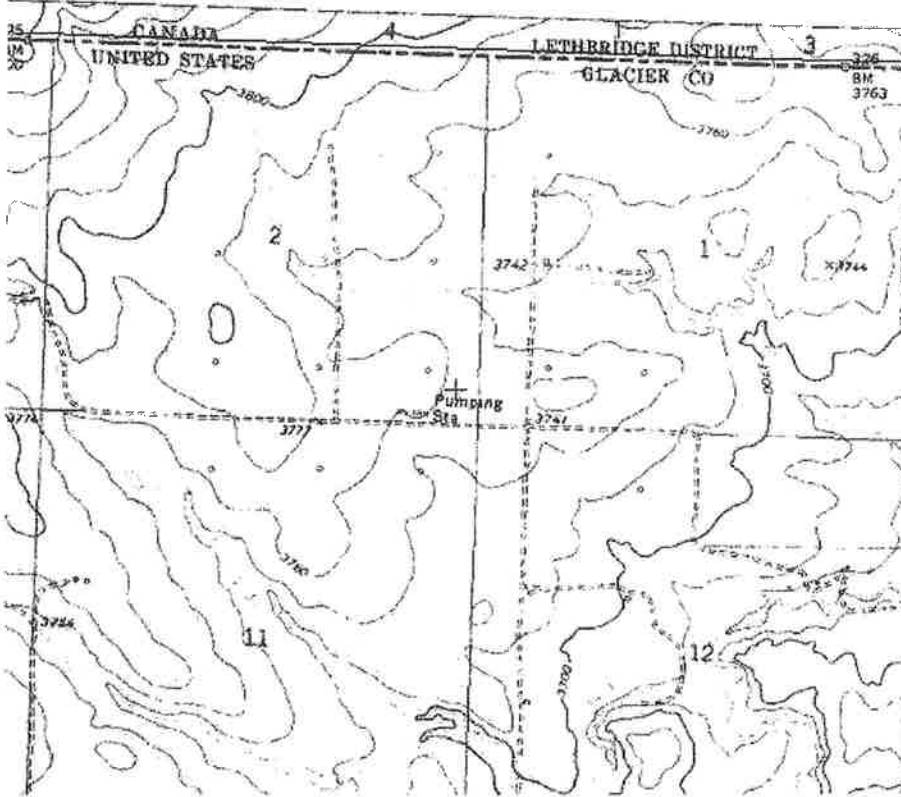
Topographic Map

Quadrangle Date = 1991

Select a Map Control, then click on the map

### Map Controls

ZoomIn Zoom Factor   
 ZoomOut  
 New Center



**Map Center Coordinates at Red +**  
Datum: NAD83  NAD27   
**Decimal Degrees**  
Lat 48.9875 Long -112.21667  
**State Plane**  
E 401208 N 529925  
**UTM Zone 12**  
E 410989 N 5426779  
**US National Grid**  
12U VV 10989 26779  
**TRS** T37N R5W S2  
**Hydrologic Unit** 10050002  
Upper Milk River

Download 24K quadrangle: [Fitzpatrick Lake](#)  
Download 100K quadrangle: [Cut Bank](#)

Click the small map to move the main map center.



[Legend](#) | [Help](#)

Map Size:  Extra Large  Large  Small

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**MONTANA WELL LOG REPORT**

**Other Options**

This well log reports the activities of a licensed Montana well driller, serves as the official record of work done within the borehole and casing, and describes the amount of water encountered. This report is compiled electronically from the contents of the Ground Water Information Center (GWIC) database for this site. Acquiring water rights is the well owner's responsibility and is NOT accomplished by the filing of this report.

[Return to menu](#)

[Plot this site on a topographic map](#)

[View scanned well log \(6/27/2008 10:02:56 AM\)](#)

**Site Name: THOMPSON MADELINE**  
**GWIC Id: 90410**

**Section 7: Well Test Data**

**Section 1: Well Owner(s)**

1) THOMPSON, MADELINE (MAIL)  
 N/A  
 SWEET GRASS MT 59484 [12/30/1963]

Total Depth: 120  
 Static Water Level: 120  
 Water Temperature:

**Unknown Test Method \***

Yield 8 gpm.  
 Pumping water level    feet.  
 Time of recovery    hours.  
 Recovery water level    feet.

**Section 2: Location**

Township	Range	Section	Quarter Sections
37N	05W	11	NE¼ SW¼ SE¼
County			Geocode

GLACIER

Latitude	Longitude	Geomethod	Datum
48.974862	112.222193	TRS-SEC	NAD83
Ground Surface Altitude		Method	Datum
3680			

\* During the well test the discharge rate shall be as uniform as possible. This rate may or may not be the sustainable yield of the well. Sustainable yield does not include the reservoir of the well casing.

Addition	Block	Lot

**Section 8: Remarks**

**Section 3: Proposed Use of Water**

DOMESTIC (1)  
 STOCKWATER (2)

**Section 9: Well Log**

**Geologic Source**  
 Unassigned  
 Lithology Data

**Section 4: Type of Work**

Drilling Method:  
 Status: NEW WELL

There are no lithologic details assigned to this well.

**Driller Certification**

All work performed and reported in this well log is in compliance with the Montana well construction standards. This report is true to the best of my knowledge.

**Section 5: Well Completion Date**

Date well completed: Friday, January 01, 1932

**Section 6: Well Construction Details**

There are no borehole dimensions assigned to this well.

**Casing**

From	To	Diameter	Wall Thickness	Pressure Rating	Joint	Type
0	120	6				STEEL

**Completion (Perf/Screen)**

From	To	Diameter	# of Openings	Size of Openings	Description
120	120	6	1	6	OPEN BOTTOM

**Annular Space (Seal/Grout/Packer)**

There are no annular space records assigned to this well.

<b>Name:</b>
<b>Company:</b>
<b>License No: -</b>
<b>Date Completed:</b> 1/1/1932

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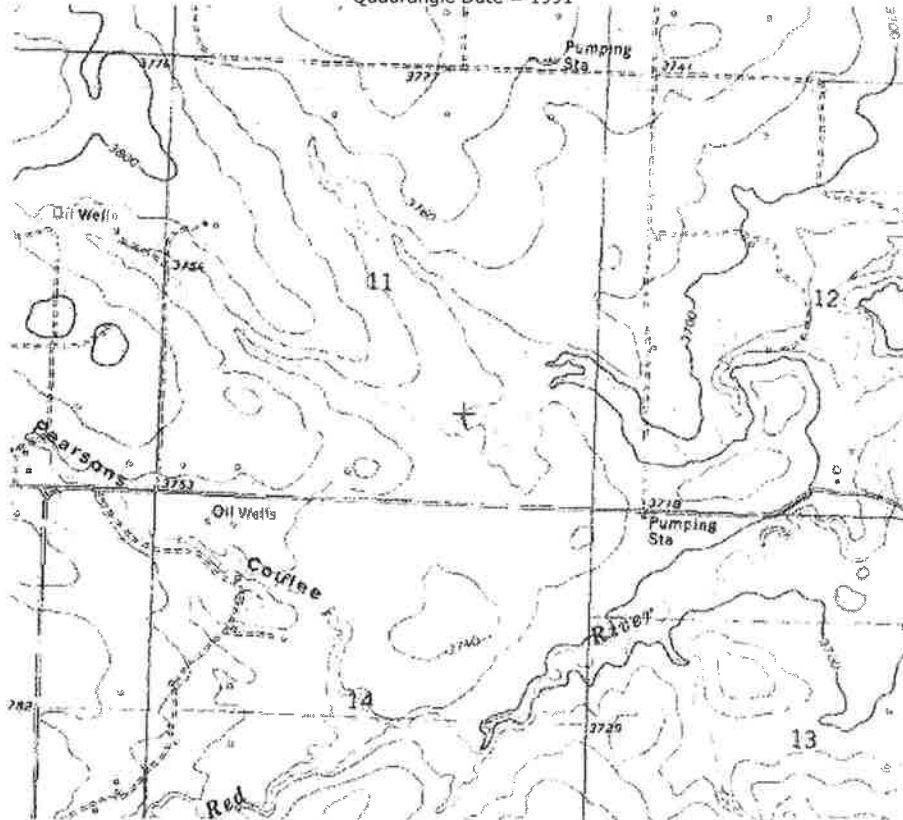
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### Montana Topographic Map Finder

The map is 1.86 miles wide.

Choose Image Type

Quadrangle Date = 1991



Map Size:  Extra Large  Large  Small

[Click Here](#) to view other map data for this area.

Select a Map Control, then click on the map

#### Map Controls

ZoomIn  ZoomOut  New Center  
Zoom Factor:

#### Map Center Coordinates at Red +

Datum:  NAD83  NAD27

#### Decimal Degrees

Lat 48.97486 Long -112.22219

#### State Plane

E 400755 N 528535

#### UTM Zone 12

E 410562 N 5425381

#### US National Grid

12U VV 10562 25381

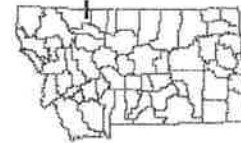
TRS T37N R5W S11

Hydrologic Unit 10050002  
Upper Milk River

Download 24K quadrangle: [Fitzpatrick Lake](#)

Download 100K quadrangle: [Cut Bank](#)

Click the small map to move the main map center.



[Legend](#) | [Help](#)



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# 8. BOGC Orders on the Red Creek Unit

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BEFORE THE BOARD OF OIL AND GAS CONSERVATION  
OF THE STATE OF MONTANA

UPON THE APPLICATION OF  
MOUNTAIN VIEW ENERGY, LTD. TO CLARIFY,  
OR AMEND IF NECESSARY, THE ~~RED CREEK~~  
FIELD RULES FOR PRODUCTION OF OIL FROM  
THE NON-UNITIZED PORTIONS OF THE  
SUNBURST, CUT BANK AND MADISON  
FORMATIONS, TO PROVIDE THAT EACH WELL  
BE LOCATED NOT LESS THEN 330 FEET FROM  
ANY LEGAL SUBDIVISION LINE AND NOT LESS  
THAN 650 FEET FROM EVERY OTHER  
PRODUCIBLE WELL PRODUCING FROM THE  
SAME RESERVOIR (EXCEPT THAT A FIVE SPOT  
LOCATION ON A 40-ACRE PARCEL WILL BE  
PERMITTED), AND THAT EXISTING WELLS NOT  
CONFORMING TO SAID PATTERN BE  
AUTHORIZED AS EXCEPTIONS.

ORDER NO. 408-2006

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MONTANA BOARD OF OIL &  
GAS CONSERVATION • BILLINGS

Docket No. 465-2006

Report of the Board

The above entitled cause came on regularly for hearing on the 14th day of December, 2006 in the conference room of the Billings Petroleum Club in the Crowne Plaza Billings in Billings, Montana, pursuant to the order of the Board of Oil and Gas Conservation of the State of Montana, hereinafter referred to as the Board. At this time and place testimony was presented, statements and exhibits were received, and the Board then took the cause under advisement; and, the Board having fully considered the testimony, statements and exhibits and all things and matters presented to it for its consideration by all parties in the Docket, and being well and fully advised in the premises, finds and concludes as follows:

Findings of Fact

1. Due, proper and sufficient notice was published and given of this matter, the hearing hereon, and of the time and place of said hearing, as well as the purpose of said hearing; all parties were afforded opportunity to present evidence, oral and documentary.
2. The evidence indicates that granting the application will serve to protect correlative rights and be in the interest of conservation of oil and gas in the State of Montana.

Order

IT IS THEREFORE ORDERED by the Board of Oil and Gas Conservation of the State of Montana that the Red Creek Field rules are clarified to recognize the existence of the Cut Bank and Madison Formation Unit.

IT IS FURTHER ORDERED that spacing and well location requirements for Cut Bank and Madison Formation wells within the unitized area are waived except that future wells must be located no closer than 330 feet to the exterior boundaries of said unit.

IS FURTHER ORDERED that the Sunburst Sandstone may be developed on the basis of 40-acre spacing units with a 330-foot setback from spacing unit boundaries and 650 feet between wells producing from the same formation.

UNIT AGREEMENT  
RED CREEK UNIT  
GLACIER COUNTY, MONTANA

THIS AGREEMENT, entered into as of the 18th day of June, 1964,  
by the parties who have signed the original of this instrument, a counterpart  
thereof, or other instrument agreeing to be bound by the provisions hereof;

WITNESSETH:

WHEREAS, In the interest of the public welfare and to promote conserva-  
tion and increase the ultimate recovery of oil, gas, and associated minerals  
from the Red Creek Field, in Glacier County, State of Montana, and to pro-  
tect the rights of the owners of interests therein, it is deemed necessary and  
desirable to enter into this agreement to unitize the Oil and Gas Rights in  
and to the Unitized Formation in order to conduct a secondary recovery,  
pressure maintenance, or other recovery program as herein provided;

NOW, THEREFORE, In consideration of the premises and of the  
mutual agreements herein contained, it is agreed as follows:

ARTICLE I  
DEFINITIONS

As used in this agreement, the terms herein contained shall have the  
following meaning:

1.1 Unit Area means the land situated within the Red Creek Field,  
Glacier County, Montana, described by Tracts in Exhibit A and shown on  
Exhibit B as to which this agreement becomes effective or to which it may  
be extended as herein provided.

1.2 Unitized Formation shall mean that subsurface portion or  
portions of the Unit Area commonly known or described as the entire interval  
from the top of the Cut Bank Sand formation to the base of the Madison forma-  
tion. For identification purposes, the top of the Cut Bank Sand formation is  
defined as that datum at 2609 feet (plus 1118 feet), and the base of the Madison  
formation is defined as that datum at 3908 feet (minus 181 feet), on the  
Electric-Laterlog in the Union Oil Company's I. Moberly #2 Well, located  
in the center of the Northeast Quarter of the Southwest Quarter (NE 1/4 SW 1/4)  
of Section 1, Township 37 North, Range 5 West, Glacier County, Montana.

1.3 Unitized Substances means all oil, gas, gaseous substances,  
sulphur contained in gas, condensate, distillate, and all associated and  
constituent liquid or liquefiable hydrocarbons within or produced from the  
Unitized Formation.

1.4 Working Interest means an interest in Unitized Substances by  
virtue of a lease, operating agreement, fee title, or otherwise, including a  
carried interest, which interest is chargeable with and obligated to pay or  
bear, either in cash or out of production or otherwise, all or a portion of the  
cost of drilling, developing, producing, and operating the Unitized Formation.

1.5 Royalty Interest means a right to or interest in any portion of the  
Unitized Substances or proceeds thereof other than a Working Interest.

1.6 Royalty Owner means a party hereto who owns a Royalty Interest.

1.7 Working Interest Owner means a party hereto who owns a Working  
Interest. The owner of oil and gas rights that are free of lease or other

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BEFORE THE OIL AND GAS CONSERVATION COMMISSION  
OF THE STATE OF MONTANA

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IN THE MATTER OF THE APPLICATION OF )  
HUMBLE OIL AND REFINING COMPANY, FOR )  
AN ORDER SUSPENDING THE FIELD RULES )  
GOVERNING LOCATION OF WELLS IN THE )  
RED CREEK UNIT AREA, GLACIER COUNTY,) )  
MONTANA. Docket No. 7-70 )

Order No. 5-70

MONTANA BOARD OF OIL &  
GAS CONSERVATION • BILLINGS

Report of the Commission

The above entitled cause came on regularly for hearing on the 19th day of February, 1970, at 2:15 P.M. in the Assembly Room of the Northern Hotel, in the City of Billings, County of Yellowstone, State of Montana, pursuant to the order of the Oil and Gas Conservation Commission of the State of Montana, hereinafter referred to as the "Commission."

Evidence was taken on behalf of the applicant; testimony was presented, statements and exhibits were received; and the Commission then took the cause under advisement.

NOW, on this 19th day of February, 1970, the Commission, a quorum being present, having fully considered the application and testimony and exhibits, and based on evidence presented at such hearing and all things and matters presented to it for its consideration in the matter, and being well and fully advised in the premises, finds and concludes as follows:

Findings of Fact

1. Legal notice was published and given of this matter, of the hearing hereon, and of the time and place of said hearing, as well as the purpose of said hearing. All parties were afforded ample opportunity to present evidence, oral and documentary.

2. Humble Oil and Refining Company is an operator in Glacier County, Montana, and has made application for an order suspending the field rules governing the location of wells within the Red Creek Unit Area. Applicant intends to drill, as a replacement well, for the Madison completion portion of a dual completion heretofore accomplished in the Red Creek Unit Well No. 11 located at the C SW $\frac{1}{4}$  SE $\frac{1}{4}$  of Section 2, Township 37 North, Range 5 West, a new well at location 1315 feet from the south line and 1840 feet from the east line of Section 2, Township 37 North, Range 5 West. The area in question has been unitized and the field rules for this area, contained in Commission Order 16-58, now serve no sound conservation purpose insofar as the same prescribed location of wells. The correlative rights of all owners of interest in production from said unitized portion are protected by the unit agreement for said area and by the operations conducted thereunder. For protection of persons who own interests in land adjacent to the unit area, no wells should be permitted to be drilled any closer to the unit boundary than those now in existence.

Conclusion of Law

The Commission concludes, as a matter of law, that the application of Humble Oil and Refining Company should be granted as hereinafter set forth.

Order

IT IS THEREFORE ORDERED by the Oil and Gas Conservation Commission of the State of Montana that the application of Humble Oil and Refining Company is granted with the provision that no wells may be drilled nearer to the unit boundary than the wells previously drilled in said unit.

BEFORE THE OIL AND GAS CONSERVATION COMMISSION  
OF THE STATE OF MONTANA

IN THE MATTER OF THE APPLICATION OF HUMBLE OIL )  
AND REFINING COMPANY FOR PERMISSION TO INSTITUTE )  
AND OPERATE A WATER FLOOD PROJECT IN THE CUT BANK )  
SAND FORMATION OF THE RED CREEK UNIT AREA OF THE )  
RED CREEK FIELD, GLACIER COUNTY, MONTANA. )  
Docket No. 28-64 )

ORDER No. 31-64

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Report of the Commission

The above-entitled cause came on regularly for hearing on the 13th day of August, 1964, at 11:45 o'clock A.M., in the Conference Room, Unemployment Compensation Commission Building, City of Helena, Montana, pursuant to the order of the Oil and Gas Conservation Commission of the State of Montana, hereinafter referred to as the "Commission", and the notice of said hearing was duly given as required by the law, setting the cause for hearing, and the said notice having been published; at which time and place testimony was presented, the statements and exhibits received and the Commission then took the cause under advisement; and, the Commission having fully considered the testimony, statements and exhibits, and all things and matters presented to it for its consideration by all parties in the docket, and being well and fully advised in the premises, finds and concludes as follows, to-wit:

Findings of Fact

1. That due, proper and sufficient notice was published and given of this matter, of the hearing hereon, and of the time and place of said hearing, as well as the purpose of said hearing; that said notice has been given in all respects as required by the law; that said notice and proof of publication of said notice so given has been duly noted, and filed in this matter, and the Commission has jurisdiction of the subject matter embraced in said notice and of the parties interested herein; that the Commission has jurisdiction to issue and promulgate the hereinafter order; that all parties were afforded ample opportunity to present evidence, oral and documentary.

2. That the Humble Oil and Refining Company is an operator in the Red Creek Field as the same has heretofore been delineated by the Commission, and it made application to the Commission to institute and operate a water flood project in the proposed Red Creek Unit Area of the Red Creek Field, Glacier County, Montana, to flood the Cut Bank sand formation underlying the following described lands:

Township 37 North, Range 5 West

Section 1: Lots 9, 10, S/2 NW, SW, SW NE, W/2 SE  
Section 2: Lots 11, 12, S/2 NE, S/2 NW, S/2  
Section 11: E/2 NW, NE  
Section 12: W/2, W/2 NE

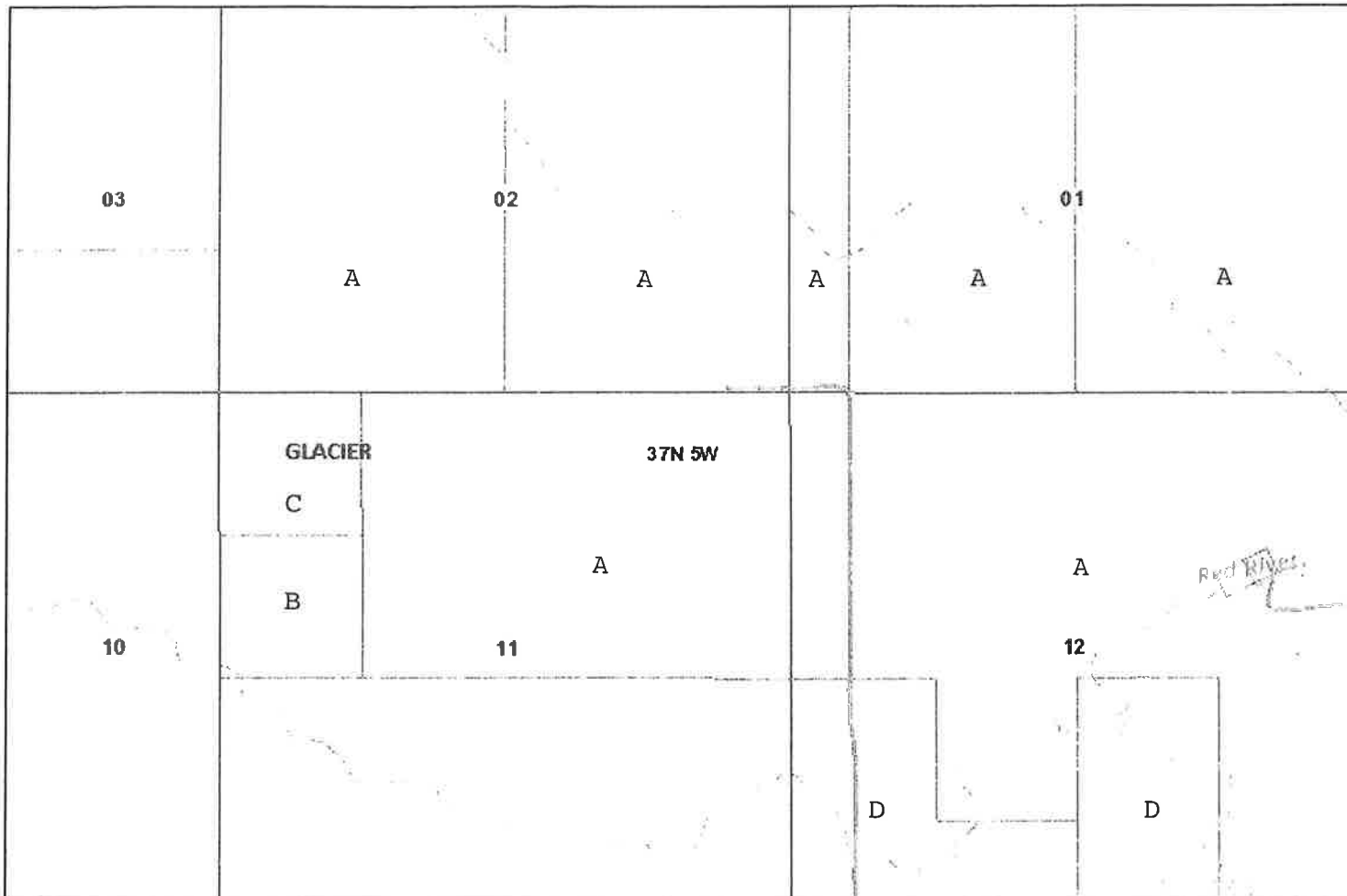
that the available engineering and geological information indicates to the Commission that such a water flood secondary recovery project will increase the ultimate recovery of oil from said field in a substantial quantity; that the initial injection rate will total approximately 3000 barrels of water per day, and that the injected water will be contained within the formation and will not adversely affect or do damage to any other oil or gas bearing formations; that it appears reasonable to the Commission to grant the applicant permission to drill and/or utilize such other additional wells as may be necessary in the future, without further notice and hearing, but subject to prior approval by the Commission or its authorized representative; that the applicant's proposal to initiate a secondary recovery water flood project on a modified five-spot pattern flood appears reasonable; that a proposed unit agreement was submitted to the Commission and approval by the Commission was requested in accordance with the provisions of Section 60-131, RCM, 1947; that the Commission's approval as required by said section appears reasonable in this case, and should be granted; that approval of the unit agreement does not constitute the Commission's approval or disapproval of the unit operating agreement, which is an entirely separate contract between the operators within the field, and a contract over which this Commission has no jurisdiction; that the granting of the application will be in the interest of conservation of oil and gas in the State of Montana.

## 9. List of Surface Owners.

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**SURFACE OWNERSHIP**

- A. McAlpine Ranches, Inc
- B. Kenneth Berkram
- C. Ralph Swensen
- D. Jeff Nanini

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# Property Record Card

## Summary

Primary Information

**Property Category:** RP **Subcategory:** Real Property  
**Geocode:** 38-4952-12-4-03-03-0000 **Assessment Code:** 0000014027  
**Primary Owner:** **PropertyAddress:** 2217 US HIGHWAY 214 N  
 NANINI JEFFREY CUT BANK, MT 59427  
 PO BOX 1996 **COS Parcel:**  
 CUT BANK, MT 59427-1996

*NOTE: See the Owner tab for all owner information*

**Certificate of Survey:**

**Subdivision:**

**Legal Description:**

S12, T37 N, R05 W, TITLE # AA1356406, MAKE CHAMPION, MODEL VIP, W2SE4 12-37-5

**Last Modified:** 11/6/2017 6:07:30 PM

General Property Information

**Neighborhood:** 238.001 **Property Type:** FR - Farmstead Rural  
**Living Units:** 1 **Levy District:** 38-1402-15R  
**Zoning:** **Ownership %:** 100  
**Linked Property:**

No linked properties exist for this property

**Exemptions:**

No exemptions exist for this property

**Condo Ownership:**

**General:** 0 **Limited:** 0

Property Factors

**Topography:** 8 **Fronting:** 0 - None  
**Utilities:** 7, 8, 9 **Parking Type:**  
**Access:** 1 **Parking Quantity:**  
**Location:** 0 - Rural Land **Parking Proximity:**

Land Summary

Land Type	Acres	Value
Grazing	79.000	4,299.00
Fallow	0.000	00.00
Irrigated	0.000	00.00
Continuous Crop	0.000	00.00
Wild Hay	0.000	00.00
Farmsite	1.000	2,302.00
ROW	0.000	00.00
NonQual Land	0.000	00.00
<b>Total Ag Land</b>	<b>80.000</b>	<b>6,601.00</b>
<b>Total Forest Land</b>	<b>0.000</b>	<b>00.00</b>
<b>Total Market Land</b>	<b>0.000</b>	<b>00.00</b>

Deed Information:

Deed Date	Book	Page	Recorded Date	Document Number	Document Type
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## Owners

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# Property Record Card

## Summary

### Primary Information

**Property Category:** RP **Subcategory:** Real Property  
**Geocode:** 38-4952-12-3-02-01-0000 **Assessment Code:** 0000014370  
**Primary Owner:** **PropertyAddress:**  
 NANINI JEFFREY H  
 PO BOX 1996 **COS Parcel:**  
 CUT BANK, MT 59427-1996

*NOTE: See the Owner tab for all owner information*

### Certificate of Survey:

#### Subdivision:

#### Legal Description:

S12, T37 N, R05 W, S2SW4, NW4SW4 12-37-5

**Last Modified:** 11/6/2017 6:07:19 PM

### General Property Information

**Neighborhood:** 238.001 **Property Type:** AR - Agricultural Rural  
**Living Units:** 0 **Levy District:** 38-1402-15R  
**Zoning:** **Ownership %:** 100  
**Linked Property:**

No linked properties exist for this property

### Exemptions:

No exemptions exist for this property

### Condo Ownership:

**General:** 0 **Limited:** 0

### Property Factors

**Topography:** 8 **Fronting:** 0 - None  
**Utilities:** 0 **Parking Type:**  
**Access:** 0 **Parking Quantity:**  
**Location:** 0 - Rural Land **Parking Proximity:**

### Land Summary

Land Type	Acres	Value
Grazing	13.160	1,134.00
Fallow	51.341	26,209.00
Irrigated	0.000	00.00
Continuous Crop	0.000	00.00
Wild Hay	0.000	00.00
Farmsite	0.000	00.00
ROW	0.000	00.00
NonQual Land	0.000	00.00
<b>Total Ag Land</b>	<b>120.000</b>	<b>27,343.00</b>
<b>Total Forest Land</b>	<b>0.000</b>	<b>00.00</b>
<b>Total Market Land</b>	<b>0.000</b>	<b>00.00</b>

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### Deed Information:

Deed Date	Book	Page	Recorded Date	Document Number	Document Type
8/28/2015	105	402	8/28/2015	279240	Other

# Property Record Card

## Summary

Primary Information

No data available for the parcel selected

## Owners

Party #1

**Default Information:** SWENSEN CECELIA A  
1550 SIMMS CASCADE RD

**Ownership %:** 100

**Primary Owner:** "Yes"

**Interest Type:** Conversion

**Last Modified:** 8/29/2017 8:51:59 AM

Other Names

Other Addresses

**Name**

**Type**

## Appraisals

Appraisal History

Tax Year	Land Value	Building Value	Total Value	Method
2017	93079	0	93079	COST
2016	88697	0	88697	COST

## Market Land

Market Land Info

No market land info exists for this parcel

## Dwellings

Existing Dwellings

No dwellings exist for this parcel

## Other Buildings/Improvements

Outbuilding/Yard Improvements

No other buildings or yard improvements exist for this parcel

## Commercial

Existing Commercial Buildings

No commercial buildings exist for this parcel

## Ag/Forest Land

Ag/Forest Land Item #1

**Acre Type:** G - Grazing

**Irrigation Type:**

**Class Code:** 1601

**Timber Zone:**

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# Property Record Card

## Summary

### Primary Information

No data available for the parcel selected

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## Owners

Party #1

**Default Information:** BERKRAM KENNETH ET AL  
363 BILSTAD RD

**Ownership %:** 100

**Primary Owner:** "Yes"

**Interest Type:** Fee Simple

**Last Modified:** 9/26/2014 9:32:29 AM

Other Names

Other Addresses

Name	Type	Other Addresses
BERKRAM ELMER	L Additional Legal Owners	No other address
HARRIS OLIVER W & IRENE TRUST	L Additional Legal Owners	No other address
MANN CAROL A	L Additional Legal Owners	No other address
NICHOLS RICHARD K	L Additional Legal Owners	No other address
NICHOLS ROBERTJ	L Additional Legal Owners	No other address

## Appraisals

### Appraisal History

Tax Year	Land Value	Building Value	Total Value	Method
2017	1925	0	1925	COST
2016	1781	0	1781	COST

## Market Land

### Market Land Info

No market land info exists for this parcel

## Dwellings

### Existing Dwellings

No dwellings exist for this parcel

## Other Buildings/Improvements

### Outbuilding/Yard Improvements

No other buildings or yard improvements exist for this parcel

## Commercial

### Existing Commercial Buildings

No commercial buildings exist for this parcel

# Property Record Card

## Summary

Primary Information

No data available for the parcel selected

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## Owners

Party #1

**Default Information:** SWENSEN ANITA M  
2027 US HIGHWAY 214 N

**Ownership %:** 100

**Primary Owner:** "Yes"

**Interest Type:** Conversion

**Last Modified:** 11/17/2015 11:54:58 AM

Other Names

Other Addresses

Name	Type	Other Addresses
SWENSEN ANITA M	C - Contact Name	No other address

## Appraisals

Appraisal History

Tax Year	Land Value	Building Value	Total Value	Method
2017	12714	0	12714	COST
2016	12109	0	12109	COST

## Market Land

Market Land Info

No market land info exists for this parcel

## Dwellings

Existing Dwellings

No dwellings exist for this parcel

## Other Buildings/Improvements

Outbuilding/Yard Improvements

No other buildings or yard improvements exist for this parcel

## Commercial

Existing Commercial Buildings

No commercial buildings exist for this parcel

## Ag/Forest Land

Ag/Forest Land Item #1

**Acre Type:** G - Grazing

**Irrigation Type:**

# Property Record Card

## Summary

Primary Information

No data available for the parcel selected

**RECEIVED**

**MAY 14 2018**

MONTANA BOARD OF OIL &  
GAS CONSERVATION • BILLINGS

## Owners

Party #1

**Default Information:** MCALPINE RANCHES INC  
PO BOX 667

**Ownership %:** 100

**Primary Owner:** "Yes"

**Interest Type:** Conversion

**Last Modified:** 12/16/2007 1:25:01 PM

Other Names

Other Addresses

**Name**

**Type**

## Appraisals

Appraisal History

Tax Year	Land Value	Building Value	Total Value	Method
2017	71900	0	71900	COST
2016	68551	0	68551	COST

## Market Land

Market Land Info

No market land info exists for this parcel

## Dwellings

Existing Dwellings

No dwellings exist for this parcel

## Other Buildings/Improvements

Outbuilding/Yard Improvements

No other buildings or yard improvements exist for this parcel

## Commercial

Existing Commercial Buildings

No commercial buildings exist for this parcel

## Ag/Forest Land

Ag/Forest Land Item #1

**Acre Type:** F - Summer Fallow

**Irrigation Type:**

**Class Code:** 1401

**Timber Zone:**

# Property Record Card

## Summary

**RECEIVED**

Primary Information

**MAY 14 2018**

No data available for the parcel selected

MONTANA BOARD OF OIL &  
GAS CONSERVATION • BILLINGS

## Owners

Party #:

**Default Information:** MCALPINE RANCHES INC  
PO BOX 667

**Ownership %:** 100

**Primary Owner:** "Yes"

**Interest Type:** Conversion

**Last Modified:** 12/16/2007 1:25:01 PM

Other Names

Other Addresses

**Name**

**Type**

## Appraisals

Appraisal History

Tax Year	Land Value	Building Value	Total Value	Method
2017	100810	0	100810	COST
2016	96021	0	96021	COST

## Market Land

Market Land Info

No market land info exists for this parcel

## Dwellings

Existing Dwellings

No dwellings exist for this parcel

## Other Buildings/Improvements

Outbuilding/ Yard Improvements

No other buildings or yard improvements exist for this parcel

## Commercial

Existing Commercial Buildings

No commercial buildings exist for this parcel

## Ag/Forest Land

Ag/Forest Land Item #:

**Acre Type:** W - Non-Irrigated Hayland

**Irrigation Type:**

**Class Code:** 1801

**Timber Zone:**

# Property Record Card

## Summary

Primary Information

No data available for the parcel selected

**RECEIVED**

**MAY 14 2018**

MONTANA BOARD OF OIL &  
GAS CONSERVATION • BILLINGS

## Owners

Party #1

**Default Information:** MCALPINE RANCHES INC  
PO BOX 667

**Ownership %:** 100

**Primary Owner:** "Yes"

**Interest Type:** Conversion

**Last Modified:** 12/16/2007 1:25:01 PM

Other Names

Other Addresses

**Name**

**Type**

## Appraisals

Appraisal History

Tax Year	Land Value	Building Value	Total Value	Method
2017	98447	0	98447	COST
2016	93762	0	93762	COST

## Market Land

Market Land Info

No market land info exists for this parcel

## Dwellings

Existing Dwellings

No dwellings exist for this parcel

## Other Buildings/Improvements

Outbuilding/Yard improvements

No other buildings or yard improvements exist for this parcel

## Commercial

Existing Commercial Buildings

No commercial buildings exist for this parcel

## Ag/Forest Land

Ag/Forest Land Item #1

**Acre Type:** W - Non-Irrigated Hayland

**Irrigation Type:**

**Class Code:** 1801

**Timber Zone:**

# Property Record Card

## Summary

Primary Information

No data available for the parcel selected

**RECEIVED**

**MAY 14 2018**

MONTANA BOARD OF OIL &  
GAS CONSERVATION • BILLINGS

## Owners

Party #:

**Default Information:** MCALPINE RANCHES INC  
PO BOX 667

**Ownership %:** 100

**Primary Owner:** "Yes"

**Interest Type:** Conversion

**Last Modified:** 12/16/2007 1:25:01 PM

Other Names

Other Addresses

**Name**

**Type**

## Appraisals

Appraisal History

Tax Year	Land Value	Building Value	Total Value	Method
2017	81323	0	81323	COST
2016	77539	0	77539	COST

## Market Land

Market Land Info

No market land info exists for this parcel

## Dwellings

Existing Dwellings

No dwellings exist for this parcel

## Other Buildings/Improvements

Outbuilding/Yard Improvements

No other buildings or yard improvements exist for this parcel

## Commercial

Existing Commercial Buildings

No commercial buildings exist for this parcel

## Ag/Forest Land

Ag/Forest Land Item # 1

**Acre Type:** G - Grazing

**Class Code:** 1601

**Irrigation Type:**

**Timber Zone:**

# Property Record Card

# RECEIVED

## Summary

MAY 14 2018

### Primary Information

No data available for the parcel selected

MONTANA BOARD OF OIL &  
GAS CONSERVATION • BILLINGS

## Owners

### Party #1

**Default Information:** MCALPINE RANCHES INC  
PO BOX 667

**Ownership %:** 100

**Primary Owner:** "Yes"

**Interest Type:** Conversion

**Last Modified:** 12/16/2007 1:25:01 PM

### Other Names

### Other Addresses

**Name**

**Type**

## Appraisals

### Appraisal History

Tax Year	Land Value	Building Value	Total Value	Method
2017	84607	0	84607	COST
2016	80670	0	80670	COST

## Market Land

### Market Land Info

No market land info exists for this parcel

## Dwellings

### Existing Dwellings

No dwellings exist for this parcel

## Other Buildings/Improvements

### Outbuilding/Yard Improvements

No other buildings or yard improvements exist for this parcel

## Commercial

### Existing Commercial Buildings

No commercial buildings exist for this parcel

## Ag/Forest Land

### Ag/Forest Land Item #:

**Acre Type:** F - Summer Fallow

**Irrigation Type:**

**Class Code:** 1401

**Timber Zone:**

# Property Record Card

## Summary

Primary Information

No data available for the parcel selected

## Owners

Party #1

**Default Information:** MCALPINE RANCHES INC  
PO BOX 667

**Ownership %:** 100

**Primary Owner:** "Yes"

**Interest Type:** Conversion

**Last Modified:** 12/16/2007 1:25:01 PM

**RECEIVED**

**MAY 14 2018**

MONTANA BOARD OF OIL &  
GAS CONSERVATION • BILLINGS

Other Names

Other Addresses

**Name**

**Type**

## Appraisals

Appraisal History

Tax Year	Land Value	Building Value	Total Value	Method
2017	19162	0	19162	COST
2016	18272	0	18272	COST

## Market Land

Market Land Info

No market land info exists for this parcel

## Dwellings

Existing Dwellings

No dwellings exist for this parcel

## Other Buildings/Improvements

Outbuilding/Yard Improvements

No other buildings or yard improvements exist for this parcel

## Commercial

Existing Commercial Buildings

No commercial buildings exist for this parcel

## Ag/Forest Land

Ag/Forest Land Item #1

**Acre Type:** G - Grazing

**Class Code:** 1601

**Irrigation Type:**

**Timber Zone:**



# 10. Copies of Letters Sent

**RECEIVED**

**MAY 14 2018**

**MONTANA BOARD OF OIL &  
GAS CONSERVATION • BILLINGS**

# MOUNTAIN VIEW ENERGY, INC

PO Box 200  
Cut Bank, Montana 59427  
Phone: (406) 873-2235  
mvw@bresnan.net

RECEIVED

MAY 14 2018

MONTANA BOARD OF OIL &  
GAS CONSERVATION - BILLINGS

May 3, 2018

Ms. Annita Swensen  
P.O. Box 845  
Cut Bank, Montana 59427-0845

## Notice of Hearing Date

Dear Ms. Swensen:

This is to advise you that Mountain View Energy Inc., owner of the Red Creek Unit oil lease, Red Creek Oil Field, Glacier County, Montana is making an application to the Montana Board of Oil and Gas Conservation, 2535 St. Johns Ave., Billings, Montana 59102 for a permit to dispose of produced water in the Red Creek Unit 16C-2/9B-2-37-5 well. The mailing address for Mountain View Energy Inc. is as follows:

Mountain View Energy, Inc.  
P.O. Box 200  
Cut Bank, Montana 59427-200

The Red Creek Unit 16C-2/9B-2-37-5 well is located in the SESE Section 2 T37N R5W. The well is presently a producing oil well from the Cut Bank Formation. It is Mountain View Energy Inc's intent to dispose of produced waters from the Red Creek Unit into the Cut Bank and Madison Formations in this well.

The well is currently completed as a horizontal hole perforated in the Madison formation and perforated in the Cut Bank Formation. There is currently a Cast Iron Bridge Plug above the Madison perforations that will be drilled out. This well will have a packer set above the Cut Bank perforations and dispose produced water into both the Cut Bank and Madison Formations through tubing, pending Board of Oil and Gas approval.

The produced water will come from the Red Creek tank battery via a buried pipeline to the Red Creek Unit 16C-2/9B-2-37-5 well. It is anticipated that the water will be disposed at a rate of 1000 to 2000 BWPD into the Cut Bank and Madison Formations.

This application will be heard at hearing scheduled at **8:00 AM Thursday, June 14, 2018** at the Montana Board of Oil and Gas hearing room at 2535 St. Johns Ave., Billings, Montana. You will have an opportunity to comment on this permit application at the hearing.

Respectfully,

MOUNTAIN VIEW ENERGY, INC

  
Patrick M. Montalban  
President & CEO

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CUT BANK, MT 59427

7018 0040 0000 3401 2242

Certified Mail Fee	\$3.45	\$3.45
Extra Services & Fees (check box, add fee to postage rate)		\$2.75
<input checked="" type="checkbox"/> Return Receipt (hardcopy)	\$0.00	\$0.00
<input type="checkbox"/> Return Receipt (electronic)	\$0.00	\$0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00	\$0.00
<input type="checkbox"/> Adult Signature Required	\$0.00	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00	\$0.00

Postage  
 \$0.47 \$0.50

Total Postage and Fees  
 \$6.67 \$6.70

Sent To  
 Anneta Swenden  
 Street and Apt. No., of PO Box No.  
 PO Box 845  
 City, State, ZIP+4®  
 Cut Bank MT 59427



**RECEIVED**

MAY 14 2018

MONTANA BOARD OF OIL &  
 GAS CONSERVATION • BILLINGS

# MOUNTAIN VIEW ENERGY, INC

PO Box 200  
Cut Bank, Montana 59427  
Phone: (406) 873-2235  
mvw@bresnan.net

May 3, 2018

RECEIVED

MAY 14 2018

Ms. Cecelia Swensen  
1550 Rd Simms Cascade  
Cascade, Montana 59421-8309

MONTANA BOARD OF OIL &  
GAS CONSERVATION • BILLINGS

## Notice of Hearing Date

Dear Ms. Swensen:

This is to advise you that Mountain View Energy Inc., owner of the Red Creek Unit oil lease, Red Creek Oil Field, Glacier County, Montana is making an application to the Montana Board of Oil and Gas Conservation, 2535 St. Johns Ave., Billings, Montana 59102 for a permit to dispose of produced water in the Red Creek Unit 16C-2/9B-2-37-5 well. The mailing address for Mountain View Energy Inc. is as follows:

Mountain View Energy, Inc.  
P.O. Box 200  
Cut Bank, Montana 59427-200

The Red Creek Unit 16C-2/9B-2-37-5 well is located in the SESE Section 2 T37N R5W. The well is presently a producing oil well from the Cut Bank Formation. It is Mountain View Energy Inc's intent to dispose of produced waters from the Red Creek Unit into the Cut Bank and Madison Formations in this well.

The well is currently completed as a horizontal hole perforated in the Madison formation and perforated in the Cut Bank Formation. There is currently a Cast Iron Bridge Plug above the Madison perforations that will be drilled out. This well will have a packer set above the Cut Bank perforations and dispose produced water into both the Cut Bank and Madison Formations through tubing, pending Board of Oil and Gas approval.

The produced water will come from the Red Creek tank battery via a buried pipeline to the Red Creek Unit 16C-2/9B-2-37-5 well. It is anticipated that the water will be disposed at a rate of 1000 to 2000 BWPD into the Cut Bank and Madison Formations.

This application will be heard at hearing scheduled at **8:00 AM Thursday, June 14, 2018** at the Montana Board of Oil and Gas hearing room at 2535 St. Johns Ave., Billings, Montana. You will have an opportunity to comment on this permit application at the hearing.

Respectfully,

MOUNTAIN VIEW ENERGY, INC

  
Patrick M. Montalban  
President & CEO

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**CASCADE, MT 59421**

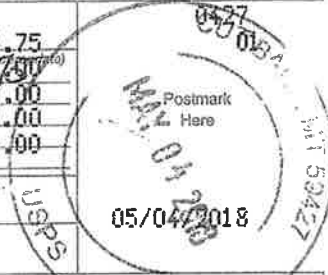
7018 0040 0000 3401 2235

Certified Mail Fee	\$3.45	\$3.45
Extra Services & Fees (check box, add fee)		\$2.75
<input checked="" type="checkbox"/> Return Receipt (hardcopy)	\$0.50	\$0.50
<input type="checkbox"/> Return Receipt (electronic)	\$0.00	\$0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00	\$0.00
<input type="checkbox"/> Adult Signature Required	\$0.00	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00	\$0.00

Postage \$0.47 \$0.50

Total Postage and Fees \$6.67 \$6.70

Send To  
 Cecelia Swensen  
 Street and Apt. No., or PO Box No.  
 1550 Rd. Simms - Cascade  
 City, State, ZIP+4®  
 Cascade MT 59421-8309



**RECEIVED**

MAY 14 2018

MONTANA BOARD OF OIL &  
 GAS CONSERVATION • BILLINGS

**SENDER: COMPLETE THIS SECTION**

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

**Ms. Cecelia Swensen**  
**1550 Rd Simms Cascade**  
**Cascade MT 59421-8309**



9590 9402 3822 8032 6551 47

2. Article Number (Transfer from service label)  
 7018 0040 0000 3401 2235

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  
 X *Cecelia Swensen*  Agent  Addressee

B. Received by (Printed Name) *C. Swensen* C. Date of Delivery *5-7-18*

D. Is delivery address different from item 1?  Yes  No  
 If YES, enter delivery address below:

3. Service Type
- |  |   |
|--|---|
| <input type="checkbox"/> Adult Signature                         | <input type="checkbox"/> Priority Mail Express®                     |
| <input type="checkbox"/> Adult Signature Restricted Delivery     | <input type="checkbox"/> Registered Mail™                           |
| <input checked="" type="checkbox"/> Certified Mail®              | <input type="checkbox"/> Registered Mail Restricted Delivery        |
| <input type="checkbox"/> Certified Mail Restricted Delivery      | <input type="checkbox"/> Return Receipt for Merchandise             |
| <input type="checkbox"/> Collect on Delivery                     | <input type="checkbox"/> Signature Confirmation™                    |
| <input type="checkbox"/> Collect on Delivery Restricted Delivery | <input type="checkbox"/> Signature Confirmation Restricted Delivery |

# MOUNTAIN VIEW ENERGY, INC

PO Box 200  
Cut Bank, Montana 59427  
Phone: (406) 873-2235  
mvw@bresnan.net

May 3, 2018

RECEIVED

MAY 14 2018

MONTANA BOARD OF OIL &  
GAS CONSERVATION • BILLINGS

Mr. Jeffrey Nanini  
PO Box 1996  
Cut Bank, Montana 59427-1996

## Notice of Hearing Date

Dear Sir:

This is to advise you that Mountain View Energy Inc., owner of the Red Creek Unit oil lease, Red Creek Oil Field, Glacier County, Montana is making an application to the Montana Board of Oil and Gas Conservation, 2535 St. Johns Ave., Billings, Montana 59102 for a permit to dispose of produced water in the Red Creek Unit 16C-2/9B-2-37-5 well. The mailing address for Mountain View Energy Inc. is as follows:

Mountain View Energy, Inc.  
P.O. Box 200  
Cut Bank, Montana 59427-200

The Red Creek Unit 16C-2/9B-2-37-5 well is located in the SESE Section 2 T37N R5W. The well is presently a producing oil well from the Cut Bank Formation. It is Mountain View Energy Inc's intent to dispose of produced waters from the Red Creek Unit into the Cut Bank and Madison Formations in this well.

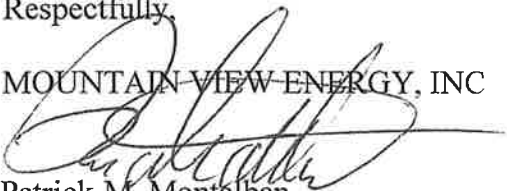
The well is currently completed as a horizontal hole perforated in the Madison formation and perforated in the Cut Bank Formation. There is currently a Cast Iron Bridge Plug above the Madison perforations that will be drilled out. This well will have a packer set above the Cut Bank perforations and dispose produced water into both the Cut Bank and Madison Formations through tubing, pending Board of Oil and Gas approval.

The produced water will come from the Red Creek tank battery via a buried pipeline to the Red Creek Unit 16C-2/9B-2-37-5 well. It is anticipated that the water will be disposed at a rate of 1000 to 2000 BWPD into the Cut Bank and Madison Formations.

This application will be heard at hearing scheduled at **8:00 AM Thursday, June 14, 2018** at the Montana Board of Oil and Gas hearing room at 2535 St. Johns Ave., Billings, Montana. You will have an opportunity to comment on this permit application at the hearing.

Respectfully,

MOUNTAIN VIEW ENERGY, INC

  
Patrick M. Montalban  
President & CEO

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CUT BANK MT 59427

Certified Mail Fee \$3.45

Extra Services & Fees (check box, add fee to postage)  
 Return Receipt (hardcopy) \$2.75  
 Return Receipt (electronic) \$0.00  
 Certified Mail Restricted Delivery \$0.00  
 Adult Signature Required \$0.00  
 Adult Signature Restricted Delivery \$0.00

Postage \$0.47 \$0.50

Total Postage and Fees \$6.67 \$6.70

Sent To: J. Nanini

Street and Apt. No., or PO Box No. PO Box 1996

City, State, ZIP+4® Cut Bank MT 59427

PS Form 3800, April 2015 PSN 7530-02-000-9047



RECEIVED

MAY 14 2018

MONTANA BOARD OF OIL &  
 GAS CONSERVATION • BILLINGS

7018 0040 0000 3401 2228

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> <li>Complete items 1, 2, and 3.</li> <li>Print your name and address on the reverse so that we can return the card to you.</li> <li>Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul>	<p>A. Signature  <input checked="" type="checkbox"/> Pam Dravak <input type="checkbox"/> Agent <input checked="" type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name)                  Pam Dravak</p> <p>C. Date of Delivery                  5-9</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes                  If YES, enter delivery address below: <input type="checkbox"/> No</p>
<p>1. Article Addressed to:</p> <p><b>Mr. Jeffrey Nanini</b>  <b>PO Box 1996</b>  <b>Cut Bank MT 59427</b></p>	<p>3. Service Type</p> <p><input type="checkbox"/> Adult Signature <input type="checkbox"/> Priority Mail Express®  <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail™  <input type="checkbox"/> Certified Mail® <input type="checkbox"/> Registered Mail Restricted Delivery  <input checked="" type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Return Receipt for Merchandise  <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation™  <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery</p>
<p>2. Article Number (Transfer from service label)</p> <p>7018 0040 0000 3401 2228</p>	
<p>PS Form 3811, July 2015 PSN 7530-02-000-9053</p>	<p>Domestic Return Receipt</p>



9590 9402 3822 8032 6551 54

# MOUNTAIN VIEW ENERGY, INC

PO Box 200  
Cut Bank, Montana 59427  
Phone: (406) 873-2235  
mvw@bresnan.net

RECEIVED

MAY 14 2018

MONTANA BOARD OF OIL &  
GAS CONSERVATION • BILLINGS

May 3, 2018

Mr. Kenneth Berkram  
363 Bilstad Rd.  
Cut Bank, Montana 59427-9012

## Notice of Hearing Date

Dear Sir:

This is to advise you that Mountain View Energy Inc., owner of the Red Creek Unit oil lease, Red Creek Oil Field, Glacier County, Montana is making an application to the Montana Board of Oil and Gas Conservation, 2535 St. Johns Ave., Billings, Montana 59102 for a permit to dispose of produced water in the Red Creek Unit 16C-2/9B-2-37-5 well. The mailing address for Mountain View Energy Inc. is as follows:

Mountain View Energy, Inc.  
P.O. Box 200  
Cut Bank, Montana 59427-200

The Red Creek Unit 16C-2/9B-2-37-5 well is located in the SESE Section 2 T37N R5W. The well is presently a producing oil well from the Cut Bank Formation. It is Mountain View Energy Inc's intent to dispose of produced waters from the Red Creek Unit into the Cut Bank and Madison Formations in this well.

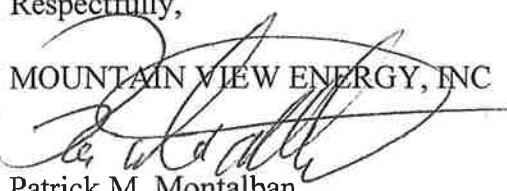
The well is currently completed as a horizontal hole perforated in the Madison formation and perforated in the Cut Bank Formation. There is currently a Cast Iron Bridge Plug above the Madison perforations that will be drilled out. This well will have a packer set above the Cut Bank perforations and dispose produced water into both the Cut Bank and Madison Formations through tubing, pending Board of Oil and Gas approval.

The produced water will come from the Red Creek tank battery via a buried pipeline to the Red Creek Unit 16C-2/9B-2-37-5 well. It is anticipated that the water will be disposed at a rate of 1000 to 2000 BWPD into the Cut Bank and Madison Formations.

This application will be heard at hearing scheduled at **8:00 AM Thursday, June 14, 2018** at the Montana Board of Oil and Gas hearing room at 2535 St. Johns Ave., Billings, Montana. You will have an opportunity to comment on this permit application at the hearing.

Respectfully,

MOUNTAIN VIEW ENERGY, INC

  
Patrick M. Montalban  
President & CEO



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CUT BANK, MT 59427

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**RECEIVED**

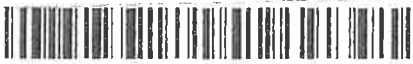
MAY 14 2018

MONTANA BOARD OF OIL &  
 GAS CONSERVATION • BILLING

Certified Mail Fee	\$3.45	\$3.45
Extra Services & Fees (check box, add fees as appropriate)		\$2.75
<input checked="" type="checkbox"/> Return Receipt (hardcopy)	\$	2.75
<input type="checkbox"/> Return Receipt (electronic)	\$	\$0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$	\$0.00
<input type="checkbox"/> Adult Signature Required	\$	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$	\$0.00
Postage	\$0.47	\$0.50
Total Postage and Fees	\$6.69	\$6.70
Sent To	Kenneth Berkram	
Street and Apt. No., or P.O. Box No.	363 Bilstad Rd.	
City/State, ZIP+4®	Cut Bank MT 59427-9012	

Postmark Here  
 MAY 04 2018  
 05/04/2018  
 USPS

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> <li>Complete items 1, 2, and 3.</li> <li>Print your name and address on the reverse so that we can return the card to you.</li> <li>Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul>	<p>A. Signature</p> <p><input checked="" type="checkbox"/> <i>Kenneth Berkram</i> <input type="checkbox"/> Agent</p> <p><input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name)</p> <p>C. Date of Delivery</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes                      If YES, enter delivery address below: <input type="checkbox"/> No</p>
<p>1. Article Addressed to:</p> <p><b>Mr. Kenneth Berkram</b>  <b>363 Bilstad Road</b>  <b>Cut Bank MT 59427</b></p>	<p>3. Service Type</p> <p><input type="checkbox"/> Adult Signature</p> <p><input type="checkbox"/> Adult Signature Restricted Delivery</p> <p><input checked="" type="checkbox"/> Certified Mail®</p> <p><input type="checkbox"/> Certified Mail Restricted Delivery</p> <p><input type="checkbox"/> Collect on Delivery</p> <p><input type="checkbox"/> Collect on Delivery Restricted Delivery</p> <p><input type="checkbox"/> Registered Mail</p> <p><input type="checkbox"/> Registered Mail Restricted Delivery</p> <p><input type="checkbox"/> Priority Mail Express®</p> <p><input type="checkbox"/> Registered Mail™</p> <p><input type="checkbox"/> Registered Mail Restricted Delivery</p> <p><input type="checkbox"/> Return Receipt for Merchandise</p> <p><input type="checkbox"/> Signature Confirmation™</p> <p><input type="checkbox"/> Signature Confirmation Restricted Delivery</p>
<p>2. Article Number (Transfer from service label)</p> <p>7018 0040 0000 3401 2211</p>	



9590 9402 3822 8032 6551 61

# MOUNTAIN VIEW ENERGY, INC

PO Box 200  
Cut Bank, Montana 59427  
Phone: (406) 873-2235  
mvw@bresnan.net

May 3, 2018

McAlpine Ranches, Inc.  
P.O. Box 667  
Cut Bank, Montana 59427-0667

RECEIVED

MAY 14 2018

MONTANA BOARD OF OIL &  
GAS CONSERVATION • BILLINGS

## Notice of Hearing Date

Dear Sir,

This is to advise you that Mountain View Energy Inc., owner of the Red Creek Unit oil lease, Red Creek Oil Field, Glacier County, Montana is making an application to the Montana Board of Oil and Gas Conservation, 2535 St. Johns Ave., Billings, Montana 59102 for a permit to dispose of produced water in the Red Creek Unit 16C-2/9B-2-37-5 well. The mailing address for Mountain View Energy Inc. is as follows:

Mountain View Energy, Inc.  
P.O. Box 200  
Cut Bank, Montana 59427-200

The Red Creek Unit 16C-2/9B-2-37-5 well is located in the SESE Section 2 T37N R5W. The well is presently a producing oil well from the Cut Bank Formation. It is Mountain View Energy Inc's intent to dispose of produced waters from the Red Creek Unit into the Cut Bank and Madison Formations in this well.


The well is currently completed as a horizontal hole perforated in the Madison formation and perforated in the Cut Bank Formation. There is currently a Cast Iron Bridge Plug above the Madison perforations that will be drilled out. This well will have a packer set above the Cut Bank perforations and dispose produced water into both the Cut Bank and Madison Formations through tubing, pending Board of Oil and Gas approval.

The produced water will come from the Red Creek tank battery via a buried pipeline to the Red Creek Unit 16C-2/9B-2-37-5 well. It is anticipated that the water will be disposed at a rate of 1000 to 2000 BWPD into the Cut Bank and Madison Formations.

This application will be heard at hearing scheduled at **8:00 AM Thursday, June 14, 2018** at the Montana Board of Oil and Gas hearing room at 2535 St. Johns Ave., Billings, Montana. You will have an opportunity to comment on this permit application at the hearing.

Respectfully,

MOUNTAIN VIEW ENERGY, INC

  
Patrick M. Montalban  
President & CEO

**U.S. Postal Service™  
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CUT BANK, MT 59427

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 Extra Services & Fees (check box, add fee) \$2.75 \$6.20  
 Return Receipt (hardcopy) \$2.75  
 Return Receipt (electronic) \$0.00  
 Certified Mail Restricted Delivery \$0.00  
 Adult Signature Required \$0.00  
 Adult Signature Restricted Delivery \$0.00

Postage \$0.47 \$0.50

Total Postage and Fees \$6.70 \$6.70

Sent to  
 McAlpine Ranches Inc  
 PO Box 667  
 Cut Bank MT 59427



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MAY 14 2018

MONTANA BOARD OF OIL &  
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 7018 0040 0000 3401 2204

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1. Article Addressed to:

**McAlpine Ranches, Inc  
 PO Box 667  
 Cut Bank MT 59427**



9590 9402 3822 8032 6551 78

2. Article Number (Transfer from service label)

7018 0040 0000 3401 2204

PS Form 3811, July 2015 PSN 7530-02-000-9053

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  Agent  
 Addressee  
 B. Received by (Printed Name) Alan McAlpine  
 C. Date of Delivery 5-7-18  
 D. Is delivery address different from item 1?  Yes  
 If YES, enter delivery address below:  No

3. Service Type
- Adult Signature
  - Adult Signature Restricted Delivery
  - Certified Mail®
  - Certified Mail Restricted Delivery
  - Collect on Delivery
  - Collect on Delivery Restricted Delivery
  - Insured Mail
  - Mail Restricted Delivery (D)
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  - Registered Mail™
  - Registered Mail Restricted Delivery
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  - Signature Confirmation™
  - Signature Confirmation Restricted Delivery

Domestic Return Receipt

MOUNTAIN VIEW ENERGY, INC  
PO Box 200  
Cut Bank, Montana 59427  
Phone: (406) 873-2235  
[mvw@bresnan.net](mailto:mvw@bresnan.net)

RECEIVED

MAY 14 2018

MONTANA BOARD OF OIL &  
GAS CONSERVATION • BILLINGS

May 3, 2018

Synergy Offshore, LLC  
P.O. Box 2150  
Cut Bank, Montana 59427  
Attention: Mr. Reno Roncco

**Notice of Hearing Date**

Dear Reno,

This is to advise you that Mountain View Energy Inc., owner of the Red Creek Unit oil lease, Red Creek Oil Field, Glacier County, Montana is making an application to the Montana Board of Oil and Gas Conservation, 2535 St. Johns Ave., Billings, Montana 59102 for a permit to dispose of produced water in the Red Creek Unit 16C-2/9B-2-37-5 well. The mailing address for Mountain View Energy Inc. is as follows:

Mountain View Energy, Inc.  
P.O. Box 200  
Cut Bank, Montana 59427-200

The Red Creek Unit 16C-2/9B-2-37-5 well is located in the SESE Section 2 T37N R5W. The well is presently a producing oil well from the Cut Bank Formation. It is Mountain View Energy Inc's intent to dispose of produced waters from the Red Creek Unit into the Cut Bank and Madison Formations in this well.

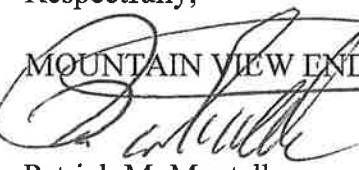
The well is currently completed as a horizontal hole perforated in the Madison formation and perforated in the Cut Bank Formation. There is currently a Cast Iron Bridge Plug above the Madison perforations that will be drilled out. This well will have a packer set above the Cut Bank perforations and dispose produced water into both the Cut Bank and Madison Formations through tubing, pending Board of Oil and Gas approval.

The produced water will come from the Red Creek tank battery via a buried pipeline to the Red Creek Unit 16C-2/9B-2-37-5 well. It is anticipated that the water will be disposed at a rate of 1000 to 2000 BWPD into the Cut Bank and Madison Formations.

This application will be heard at hearing scheduled at **8:00 AM Thursday, June 14, 2018** at the Montana Board of Oil and Gas hearing room at 2535 St. Johns Ave., Billings, Montana. You will have an opportunity to comment on this permit application at the hearing.

Respectfully,

MOUNTAIN VIEW ENERGY, INC

  
Patrick M. Montalban  
President & CEO

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CUT BANK, MT 59427

Certified Mail Fee	\$3.45	\$3.45
Extra Services & Fees (check box, add to postage)		\$2.75
<input checked="" type="checkbox"/> Return Receipt (hardcopy)		\$0.00
<input type="checkbox"/> Return Receipt (electronic)		\$0.00
<input type="checkbox"/> Certified Mail Restricted Delivery		\$0.00
<input type="checkbox"/> Adult Signature Required		\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery		\$0.00

Postage \$0.47 \$0.50

Total Postage and Fees \$6.70

Sent To  
 SOG - 90 R. Roncco  
 Street and Apt. No., or PO Box No.  
 PO Box 2150  
 City, State, ZIP+4®  
 Cut Bank MT 59427



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MAY 14 2018

MONTANA BOARD OF OIL &  
 GAS CONSERVATION • BILLINGS

7018 0040 0000 3401 2198

PS Form 3800, April 2015 PSN 7530-02-000-0647 See Reverse for Instructions

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- Print your name and address on the reverse so that we can return the card to you.
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1. Article Addressed to:

**Synergy Offshore, LLC**  
**Attn: Mr. Reno Roncco**  
**PO Box 2150**  
**Cut Bank MT 59427**



9590 9402 3822 8032 6551 85

2. Article Number (Transfer from service label)

7018 0040 0000 3401 2198

**COMPLETE THIS SECTION ON DELIVERY**

- A. Signature  
 *Camela Murray*  Agent  
 Addressee
- B. Received by (Printed Name) *Camela Murray* C. Date of Delivery *5-7-18*
- D. Is delivery address different from item 1?  Yes  
 If YES, enter delivery address below:  No

3. Service Type
- |  |   |
|--|---|
| <input type="checkbox"/> Adult Signature                         | <input type="checkbox"/> Priority Mail Express®                     |
| <input type="checkbox"/> Adult Signature Restricted Delivery     | <input type="checkbox"/> Registered Mail™                           |
| <input checked="" type="checkbox"/> Certified Mail®              | <input type="checkbox"/> Registered Mail Restricted Delivery        |
| <input type="checkbox"/> Certified Mail Restricted Delivery      | <input type="checkbox"/> Return Receipt for Merchandise             |
| <input type="checkbox"/> Collect on Delivery                     | <input type="checkbox"/> Signature Confirmation™                    |
| <input type="checkbox"/> Collect on Delivery Restricted Delivery | <input type="checkbox"/> Signature Confirmation Restricted Delivery |

PS Form 3811, July 2015 PSN 7530-02-000-9053

Domestic Return Receipt

# 11. Copy of Hearing Notice

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**MAY 14 2018**

**MONTANA BOARD OF OIL &  
GAS CONSERVATION • BILLINGS**

BEFORE THE BOARD OF OIL AND GAS CONSERVATION  
OF THE STATE OF MONTANA

In the Matter of the application of

)  
)  
)  
)

NOTICE OF INTENTION  
TO APPLY FOR A CLASS II  
INJECTION WELL PERMIT

Mountain View Energy, Inc.  
for a Class II Injection Well Permit

**RECEIVED**

**MAY 14 2018**

MONTANA BOARD OF OIL &  
GAS CONSERVATION • BILLINGS

1. P.O. Box 200  
Cut Bank, Montana 59427

Red Creek 16C-2/9B-2-37-5  
SESE - Section 2 T37N R5W  
(455' FSL 1280' FEL)  
API# 25-035-21898  
Glacier County, Montana

2. Injection fluid will consist of produced water from the Red Creek Unit in Sections 1, 2, 11, 12 T37N R5W.
3. Fluids will be injected into the Cut Bank Formation between a depths of 2690' to 2704' and 2714' to 2732' and the Madison Formation between a depth of 2824' to 2844'.
4. An aquifer exemption will be requested as part of this since the proposed injection zone contains water with less than 10,000 ppm total dissolved solids.

Pursuant to Rule 36.22.1409, the Administrative Rules of Montana, the Montana Board of Oil and Gas Conservation will hold a public hearing upon the application of Mountain View Energy, Inc. for a Class II Underground Injection Permit for the well or project set forth above. Said hearing will be held at the Board of Oil and Gas Hearing Room at 2535 St. Johns Ave., Billings, Montana beginning at 8:00 AM Thursday, June 14, 2018.

AFFIDAVIT OF PUBLICATION

STATE OF MONTANA

County of Glacier

SS.

I, Patty Grubb, being duly sworn, deposes and says: That she is the Legals Editor of The Cut Bank Pioneer Press, a weekly newspaper of general circulation, printed and published in Cut Bank, Glacier County, Montana, and that the notice annexed:

Board of Oil & Gas

Mountain View Energy  
Red Creek

has been correctly published in the regular and entire issue of every number of said paper for one (1) consecutive issues, commencing on the 9th day of May, 2018 and ending on the day of 2018.

Patty Grubb

Subscribed and sworn before me this 9th day of May, A.D., 2018.

Dawn M. Texidor



DAWN M TEXIDOR  
NOTARY PUBLIC for the  
State of Montana  
Residing at Cut Bank, Montana  
My Commission Expires  
February 01, 2019

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MONTANA BOARD OF OIL &  
GAS CONSERVATION • BILLINGS

BEFORE THE BOARD  
OF OIL AND GAS  
CONSERVATION  
OF THE STATE OF  
MONTANA

In the Matter of the  
application of Mountain View  
Energy, Inc. for a Class II  
Injection Well Permit  
NOTICE OF INTENTION  
TO APPLY FOR A CLASS II  
INJECTION WELL PERMIT

1. P.O. Box 200  
Cut Bank, Montana 59427  
Red Creek 16C-2/9B-2-37-5  
SESE - Section 2 T37N R5W  
(455' FSL 1280' FEL)  
API# 25-035-21898  
Glacier County, Montana

2. Injection fluid will consist  
of produced water from the Red  
Creek Unit in Sections 1, 2, 11,  
12 T37N R5W.

3. Fluids will be injected  
into the Cut Bank Formation  
between a depths of 2690' to  
2704' and 2714' to 2732' and  
the Madison Formation be-  
tween a depth of 2824' to 2844'.

4. An aquifer exemption will  
be requested as part of this  
since the proposed injection  
zone contains water with less  
than 10,000 ppm total dis-  
solved solids.

Pursuant to Rule 36.22.1409,  
the Administrative Rules of  
Montana, the Montana Board  
of Oil and Gas Conservation  
will hold a public hearing upon  
the application of Mountain  
View Energy, Inc. for a Class II  
Underground Injection Permit  
for the well or project set forth  
above. Said hearing will be  
held at the Board of Oil and  
Gas Hearing Room at 2535 St.  
Johns Ave., Billings, Montana  
beginning at 8:00 AM Thursday,  
June 14, 2018.

Publish: May 9, 2018  
MNAXLP



Page : 1 of 1 05/04/2018 15:19:25  
 Order Number : 20422892  
 PO Number :  
 Customer : 60027457 Mountain View Energy, Inc  
 Contact : Carla Barringer  
 Address1 : PO Box 200  
 Address2 :  
 City St Zip : Cut Bank MT 59427  
 Phone : (406) 873-3333  
 Fax :  
 Printed By : Ean Hull  
 Entered By : Ean Hull  
 Keywords : BEFORE THE BOARD OF OIL AND GAS CONSERVATION OF TH  
 Notes :  
 Zones :

Ad Number : 10957965  
 Ad Key :  
 Salesperson :  
 Publication : Independent Record On-Line  
 Section : Class Section  
 Sub Section : Legal  
 Category : 9999 Legals  
 Dates Run : 05/06/2018-05/06/2018  
 Days : 1  
 Size : 2 x 2.81, 26 lines  
 Words : 224  
 Ad Rate : Legal Line  
 Ad Price : 98.28  
 Amount Paid : 98.28  
 Amount Due : 0.00

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**MAY 14 2018**

MONTANA BOARD OF OIL &  
 GAS CONSERVATION • BILLINGS

**BEFORE THE BOARD OF OIL AND GAS CONSERVATION  
 OF THE STATE OF MONTANA  
 NOTICE OF INTENTION FOR A CLASS II INJECTION WELL  
 PERMIT**

In the Matter of the application of  
 Mountain View Energy, Inc. for a Class II Injection Well Permit.  
 1. P.O. Box 200  
 Cut Bank, Montana 59427  
 Red Creek 16C-2/9B-2-37-5  
 SESE - Section 2 T37N R5W  
 (455' FSL 1280' FEL)  
 API# 25-035-21898  
 Glacier County, Montana  
 2. Injection fluid will consist of produced water from the Red  
 Creek Unit in Sections 1, 2, 11, 12 T37N R5W.  
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 depths of 2690' to 2704' and 2714' to 2732' and the Madison For-  
 mation between a depth of 2824' to 2844'.  
 4. An aquifer exemption will be requested as part of this since  
 the proposed injection zone contains water with less than 10,000  
 ppm total dissolved solids.  
 Pursuant to Rule 36.22.1409, the Administrative Rules of Mon-  
 tana, the Montana Board of Oil and Gas Conservation will hold a  
 public hearing upon the application of Mountain View Energy,  
 Inc. for a Class II Underground Injection Permit for the well or  
 project set forth above. Said hearing will be held at the Board of  
 Oil and Gas Hearing Room at 2535 St. Johns Ave., Billings,  
 Montana beginning at 8:00 AM Thursday, June 14, 2018.  
 May 6, 2018 **MNAXLP**

**AFFIDAVIT OF PUBLICATION**

**STATE OF MONTANA,  
 County of Lewis & Clark**

Billie Jo Williams

Being duly sworn, deposes and says;

That she is the principal clerk of the Independent Record, a newspaper of  
 general circulation published daily in the City of Helena, in the County of Lewis &  
 Clark, State of Montana, and has charge of the advertisement thereof:  
 That the Notice of Intention

a true copy of which is hereto annexed, was published in said newspaper on the  
 following dates: viz:

May 6, 2018

making in all 1 publication(s)

Billie Jo Williams

Subscribed and sworn to me this 7 day of May, 2018.

Colleen D. Simkins

Notary Public for the State of Montana  
 Printed Name: Colleen D. Simkins  
 Residing at Helena, Montana  
 My commission expires March 10, 2021

(Notary Seal)

