

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

**IN THE MATTER OF THE
APPLICATION OF EMPIRE NORTH
DAKOTA LLC FOR AN ORDER
AUTHORIZING AND APPROVING AN
ADDITIONAL RED RIVER
FORMATION OIL WELL WITHIN AND
UPON THE 320 ACRE SPACING UNIT
COMPRISED OF THE NE¼ OF
SECTION 34 AND NW¼ OF SECTION
35, TOWNSHIP 26 NORTH, RANGE 57
EAST, RICHLAND COUNTY.**

APPLICATION
DOCKET NO. 124 - 2022

EMPIRE NORTH DAKOTA LLC, (“Applicant”), 2200 South Utica Place, Suite 150, Tulsa, Oklahoma 74114, presents the following Application:

1. Applicant is the owner of oil and gas leasehold interests in, to and under the NE¼ of Section 34 and NW¼ of Section 35, Township 26 North, Range 57 East, and Operator of the McGinnis 2R-34 oil well located within and upon the NE¼NE¼ of Section 34.
2. Sections 34 and 35 described above lie within the Middle Sioux Pass Field as established and delineated pursuant to Board Order No. 55-76, which Order established three hundred twenty (320) acre spacing units for Red River Formation oil production with one (1) Red River Formation oil well authorized for each spacing unit.
3. Applicant’s McGinnis 2R-34 well is currently productive of crude oil from the Red River Formation, with the spacing unit therefore consisting of the NE¼ of Section 34 and NW¼ of Section 35.
4. As an exception to Board Order No. 55-76, Applicant desires to drill an additional Red River Formation oil well within and upon the SW¼NE¼ of Section 34 in order to recover remaining Red River Formation oil reserves, believing the existing McGinnis 2R-34 well is not adequately and efficiently recovering these reserves.
5. Applicant requests an Order from this Board authorizing the drilling of and production from its proposed McGinnis 3-34 Red River Formation well at an approximate location 1980’ FNL and 1980’ FEL of Section 34 (SW¼NE¼), with the three hundred twenty (320) acre spacing unit therefore the same as for the McGinnis 2R-34 well.
6. Applicant believes that approval and granting of the request herein will be in the best interests of prevention of waste of Red River Formation crude oil and the conservation thereof and will not adversely affect the correlative rights of any party.

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OCT 24 2022

WHEREFORE, Applicant requests the following:

1. This matter be set for hearing and notice thereof be given as required by law;
2. After hearing this matter the Board enter its Order granting and approving the request of Applicant herein; and
3. For such other or additional relief as the Board may deem appropriate.

Dated October 20, 2022.

LEE LAW OFFICE PC

By: 
Don R. Lee, Attorney for Applicant
Lee Law Office PC
158 Main Street – P.O. Box 790
Shelby, MT 59474
Telephone: (406) 434-5244
Email: don@leelawofficepc.com

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MONTANA BOARD OF OIL &
GAS CONSERVATION & REGULATION

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NOV 04 2022

BEFORE THE BUREAU OF LAND MANAGEMENT, MONTANA STATE OFFICE
UNITED STATES DEPARTMENT OF THE INTERIOR

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 CWT OPERATING, LLC FOR AN ORDER VACATING BOARD ORDER 102-2015 WHICH CREATED A TEMPORARY SPACING UNIT, AS AN EXCPECTION TO A.R.M. 36.22.702, COMPRISED OF THE S½SW¼ OF SECTION 22 AND N½NW¼ OF SECTION 27, TOWNSHIP 28 NORTH, RANGE 51 EAST, M.P.M., ROOSEVELT COUNTY, MONTANA, FOR THE PURPOSE OF DRILLING A NISKU FORMATION TEST WELL.

BLM DOCKET NO. 1-2023 FED

MBOGC DOCKET NO. 125-2022

APPLICATION

CWT OPERATING, LLC, 351 ADRIATIC PKWY., MCKINNEY, TEXAS 75072:

[A] Presents the following application:

1. Applicant is an interest owner within all or a portion of the captioned lands.
2. Fort Worth Operating Company, LLC, the applicant in Board Order 102-2015, did not drill the Nisku formation test well, and the temporary spacing unit has not been developed.
3. Applicant desires to drill a vertical Nisku formation test well at a legal location within the SW¼ of Section 22, in compliance with A.R.M. 36.22.702.
4. The N½NW¼ of Section 27 is Indian land, and accordingly, the MOU between the United States BLM and the MBOGC is applicable.

[B] Requests:

1. This matter be set for hearing, and placed on the default docket, with notice given as required by law and the MOU;
2. After hearing the matter, the BLM and the Board vacate Orders 7-2015 FED & 102-2015, and thereby revert to the statewide spacing rules of A.R.M. 36.22.702 as to the captioned lands.

Dated this 2nd day of November, 2022.

CWT OPERATING, LLC

By UJP

Uriah J. Price, Its Attorney
Crowley Fleck, PLLP
P. O. Box 10969
Bozeman, MT 59719
uprice@crowleyfleck.com

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

MONTANA BOARD OF OIL &
GAS CONSERVATION • BILLINGS

IN THE MATTER OF THE APPLICATION OF CWT OPERATING, LLC FOR AN ORDER CREATING A 160 ACRE TEMPORARY SPACING UNIT FROM THE TOP OF THE KIBBEY FORMATION TO THE BASE OF THE CHARLES FORMATION, COMPRISED OF THE SW¼ OF SECTION 22, TOWNSHIP 28 NORTH, RANGE 51 EAST, M.P.M, ROOSEVELT COUNTY, MONTANA, AND AUTHORIZING THE DRILLING OF A KIBBEY OR CHARLES FORMATION TEST WELL AT A LOCATION NOT LESS THAN 660' FROM THE BOUNDARIES THEREOF, AS AN EXCEPTION TO A.R.M. 36.22.702.

MBOGC DOCKET NO. 126-2022

APPLICATION

CWT OPERATING, LLC, 351 ADRIATIC PKWY., MCKINNEY, TEXAS 75072:

[A] **Presents the following application:**

1. Applicant is an interest owner within the SW¼ of Section 22, Township 28 North, Range 51 East, Roosevelt County, Montana, which is subject to A.R.M. § 36.22.702 with respect to the Kibbey and Charles formations.
2. Applicant proposes to drill a vertical Kibbey or Charles test well, to a projected depth of less than 6,000 feet, at a legal location within the captioned lands.
3. Based on geophysical data and information, it is Applicant's opinion that 160-acre spacing, as an exception to A.R.M. 36.22.702, is appropriate for the Kibbey and Charles formations.
4. Thus, to more efficiently and economically recover oil and gas reserves underlying the captioned lands, Applicant desires to establish a 160-acre temporary spacing unit comprised of the SW¼ of Section 22, Township 28 North, Range 51 East, M.P.M., Roosevelt County, Montana, for the drilling of a vertical Kibbey or Charles test well at a location within, but not closer than 660' to the exterior boundaries thereof.
5. Applicant will, within 90 days of successful completion of the proposed operations, file an application for the Board's consideration of permanent spacing and other matters relating to production from said well.

[B] **Requests:**

1. This matter be set for hearing, with notice given as required by law and the MOU;
2. After hearing the matter, the Board enter its order creating a temporary spacing unit comprised of the SW¼ of Section 22, Township 28 North, Range 51 East, M.P.M., Roosevelt County, Montana, and authorizing the drilling of a vertical Kibbey or Charles formation test well at any location not less than 660' from the boundaries thereof.

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MONTANA BOARD OF OIL &
GAS CONSERVATION • BILLING

Dated this 2nd day of November, 2022.

CWT OPERATING, LLC

By



Uriah J. Price, Its Attorney
Crowley Fleck, PLLP
P. O. Box 10969
Bozeman, MT 59719
uprice@crowleyfleck.com

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

NOV 04 2022

MONTANA BOARD OF OIL &
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<p>IN THE MATTER OF THE APPLICATION OF KARSTED OPERATING, LLC FOR AN ORDER DESIGNATING AND DELINEATING THE S½NW¼ AND N½SW¼ OF SECTION 19, TOWNSHIP 34 NORTH, RANGE 46 EAST, DANIELS COUNTY, AS THE PERMANENT SPACING UNIT FOR THE WILCOXON 19-2 MISSION CANYON FORMATION OIL WELL.</p>	<p>APPLICATION</p> <p>DOCKET NO. <u>127</u> - 2022</p>
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KARSTED OPERATING, LLC, (“Applicant”), 208 N. 29th St., Suite 230, Billings, Montana 59101, presents the following Application:

1. Olsen Energy, LLC is the owner of oil and gas leasehold interests in, to and under the S½NW¼ and N½SW¼ of Section 19, Township 34 North, Range 46 East. Pursuant to an Operating Agreement entered into by and between Olsen Energy, LLC and Applicant, the contractually designated Operator of the foregoing Wilcoxon 19-2 well is the Applicant herein.
2. Pursuant to Board Order No. 65-93 the above lands were designated as a temporary spacing unit for the above well. Said Order required that “Should the well be successfully completed Applicant may produce and test said well for a period of 90 days, after which time it shall apply for permanent spacing.” Said well was successfully completed but for reasons unknown Armstrong Operating, LLC, the Applicant with regard to the above Order, never applied for permanent spacing.
3. The above well and the applicable oil and gas leases relating thereto have been acquired by Olsen Energy, LLC and following re-entry and deepening said well is currently producing from the Mission Canyon Formation at a depth of approximately six thousand one hundred feet (6,100’).
4. Based on the foregoing, Applicant requests the S½NW¼ and N½SW¼ of Section 19 be designated as the permanent spacing unit for the above well and Mission Canyon Formation oil produced therefrom.
5. Applicant reasonably believes the appropriate spacing unit for production of Mission Canyon Formation oil from the Wilcoxon 19-2 well is the S½NW¼ and N½SW¼ of Section 19.

6. Applicant believes that approval and granting of the request herein will be in the best interests of prevention of waste of oil and the conservation thereof and will not adversely affect the correlative rights of any party.

WHEREFORE, Applicant requests the following:

1. This matter be set for hearing and notice thereof be given as required by law;
2. After hearing this matter the Board enter its Order granting and approving the request of Applicant herein; and
3. For such other or additional relief as the Board may deem appropriate.

Dated November 1, 2022.

LEE LAW OFFICE PC

By: 

Don R. Lee, Attorney for Applicant
Lee Law Office PC
158 Main Street – P.O. Box 790
Shelby, MT 59474
Telephone: (406) 434-5244
Email: don@leelawofficepc.com

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

NOV 04 2022

MONTANA BOARD OF OIL &
GAS CONSERVATION • BILLINGS

**IN THE MATTER OF THE
APPLICATION OF FORZA
OPERATING, LLC FOR AN ORDER
DESIGNATING AND DELINEATING
SECTION 34, TOWNSHIP 35 NORTH,
RANGE 1 EAST, TOOLE COUNTY, AS
THE PERMANENT SPACING UNIT
FOR APPLICANT'S TURNER 34-1H
NISKU FORMATION OIL WELL.**

APPLICATION

DOCKET NO. 128 - 2022

FORZA OPERATING, LLC, ("Applicant"), 25511 Budde Road, Suite 3404, Spring, Texas 77380, presents the following Application:

1. Applicant is the owner of oil and gas leasehold interests in, to and under Section 34, Township 35 North, Range 1 East, and Operator of the Turner 34-1H well located thereon which is productive of oil from the Nisku Formation underlying said lands.
2. Pursuant to ARM 36.22.702(2 & 7) and 36.22.703(4) Applicant designated the W $\frac{1}{2}$ W $\frac{1}{2}$ of Section 34 as an optional drilling unit for the foregoing well.
3. ARM 36.22.703(4) provides that "Any Operator designating an optional drilling unit under this section must apply for proper well spacing within 90 days after the completion of a well capable of production."
4. Applicant requests Section 34 in its entirety be designated at the permanent spacing unit for the above well and Nisku Formation oil and associated natural gas produced therefrom. In the event the request herein is granted and approved by the Board, Applicant intends thereafter to apply for authorization to drill and produce up to four (4) horizontal Nisku Formation wells within and upon Section 34.
5. Applicant reasonably believes the appropriate spacing unit for production of Nisku Formation oil and associated natural gas from the Turner 34-1H well is Section 34 in its entirety, containing six hundred forty (640) acres.
6. Applicant believes that approval and granting of the request herein will be in the best interests of prevention of waste of oil and associated natural gas and the conservation thereof and will not adversely affect the correlative rights of any party.

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WHEREFORE, Applicant requests the following:

1. This matter be set for hearing and notice thereof be given as required by law;
2. After hearing this matter the Board enter its Order granting and approving the request of Applicant herein; and
3. For such other or additional relief as the Board may deem appropriate.

MONTANA BOARD OF OIL &
GAS CONSERVATION - BILLINGS

Dated November 1, 2022.

LEE LAW OFFICE PC

By: 

Don R. Lee, Attorney for Applicant
Lee Law Office PC
158 Main Street – P.O. Box 790
Shelby, MT 59474
Telephone: (406) 434-5244
Email: don@leelawofficepc.com



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OCT 31 2022

MONTANA BOARD OF OIL &
GAS CONSERVATION • BILLINGS

October 27, 2022

Montana Board of Oil and Gas Conservation
ATTN: Mr. Ben Jones
2435 St. John's Avenue
Billings, MT 59102

Dear Mr. Jones

RE: UIC PERMIT APPLICATION
FOR AN INDIVIDUAL WELL
CABIN CREEK CH31-17SH (API# 25-025-23098)
CABIN CREEK FIELD
FALLON COUNTY, MT

Enclosed is the Montana Board of Oil and Gas Conservation Form 2 (UIC Permit Application) and the supporting attachments required to obtain the approval of our proposed work for the subject well. Cabin Creek CH31-17SH is currently slated to be converted to injection in the Madison formation.

Appropriate notification has been submitted to the surface owners, Jarrett and Robyn Hadley in Baker, MT and State of Montana in Helena, MT. Public notices have also been submitted to Fallon County Times, Billings Gazette and Helena Independent Record for immediate publication.

We look forward to your approval of this application. Please inform us of application receipt and completeness. Please contact me for questions you might have concerning this application at (972) 673-2000.

Sincerely,

Randy Robichaux
VP - Environmental, Health, & Safety
Denbury Onshore, LLC

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

MONTANA BOARD OF OIL & GAS CONSERVATION - BILLINGS

Operator Denbury Onshore, LLC
Address 5851 Legacy Circle, Suite 1200
City Plano State TX Zip Code 75024
Telephone 972-673-2000 Fax

Lease Name:
Unit

Type (Private/State/Federal/Tribal/Allotted):
Fee

Well Number:
CH31-17SH

Location of well (1/4-1/4 section and footage measurements):
NW-NE 1234' FNL & 2269' FEL T10N - R58E Section 17

Unit Agreement Name:
Cabin Creek

Field Name or Wildcat:
Cabin Creek

Township, Range, and Section:
T10N - R58E Section 17

API Number:
25 | 025 | 23098
State County Well

Well Type (oil, gas, injection, other):
Oil

County:
Fallon, MT

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

- Notice of Intention to Change Plans
- Notice of Intention to Run Mechanical Integrity Test
- Notice of Intention to Stimulate or to Chemically Treat
- Notice of Intention to Perforate or to Cement
- Notice of Intention to Abandon Well
- Notice of Intention to Pull or Alter Casing
- Notice of Intention to Change Well Status
- Supplemental Well History
- Other (specify) Convert to Injection

- Subsequent Report of Mechanical Integrity Test
- Subsequent Report of Stimulation or Treatment
- Subsequent Report of Perforation or Cementing
- Subsequent Report of Well Abandonment
- Subsequent Report of Pulled or Altered Casing
- Subsequent Report of Drilling Waste Disposal
- Subsequent Report of Production Waste Disposal
- Subsequent Report of Change in Well Status
- Subsequent Report of Gas Analysis (ARM 36.22.1222)

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.

Denbury requests approval to convert the subject wellbore to Injection in the Madison formation. Public Notice has been submitted to the Fallon County Times, Billings Gazette and Helena Independent Record for immediate publication. Please see attached supporting documents for additional information.

BOARD USE ONLY

Approved _____
Date

Name Title

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

10/27/2022

Date

Signed (Agent)

Naomi Johnson -- Regulatory Compliance Specialist

Print Name and Title

Telephone: 972-673-2000

SUPPLEMENTAL INFORMATION

NOTE: Additional information or attachments may be required by Rule or by special request.
Plot the location of the well or site that is the subject of this notice or report.

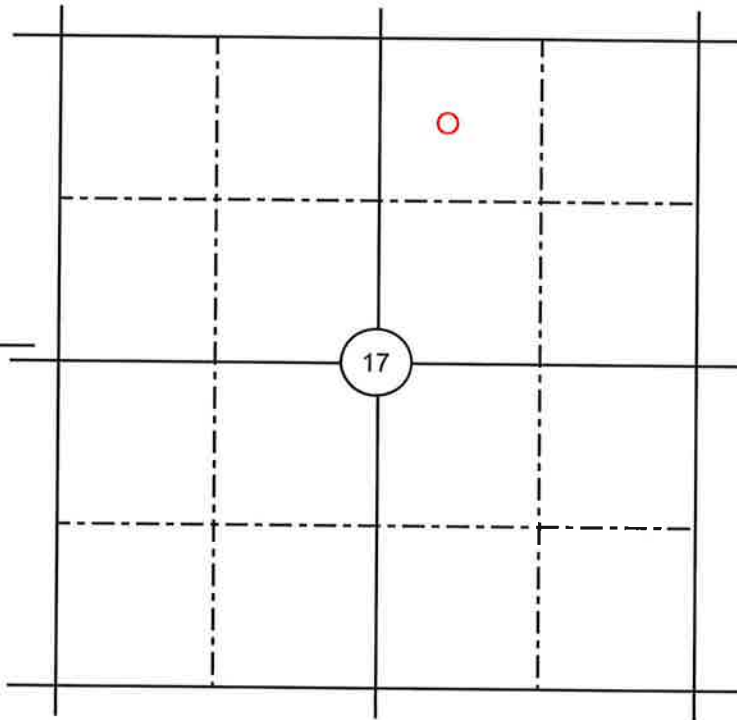
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MONTANA BOARD OF OIL &
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Range 58E

Township 10N



BOARD USE ONLY

CONDITIONS OF APPROVAL

The operator must comply with the following condition(s) of approval:

Failure to comply with the conditions of approval may void this permit.

Cabin Creek CH31-17 CTI Procedure:

1. Hold pre-job meeting
 - a. Confirm handover form has been filled out, reviewed, signed, and received from Operations.
 - b. Ensure adequate kill weight fluid is on location
 - c. Discuss potential well control issues and ensure they are appropriately communicated to rig crew.
 - d. Notify the MBOGC Field Representative 48 hours prior to the BOPE test.
 - e. Any time in which we are shut-in or not actively pulling or running tubular a TIW is required to be stabbed or blind rams are to be closed as necessary.
2. MIRU Workover Rig. Install manual gauges to confirm zero psi on well
3. ND tree and NU BOP.
4. Unseat tubing hanger and release KLX Model R Packer. Pull out the hole with 2-7/8" 6.5# tubing.
5. P/U 2-7/8" workstring and make a bit and scraper run to KOP.
6. Circulate hole clean and POOH.
7. MU retrievable packer on 2-7/8" EUE coated tubing (IPC) and RIH.
 - a. Set packer around 6650'
 - b. Pressure test annulus to ensure packer is set.
 - c. Establish injection rate for acid job.
8. MIRU acid pumping equipment.
9. Stimulate well with 15% HCl and bio-balls
10. ND BOP's. NU new injection tree.
11. RDMO Workover Rig.
12. MIT well with state prior to injection.

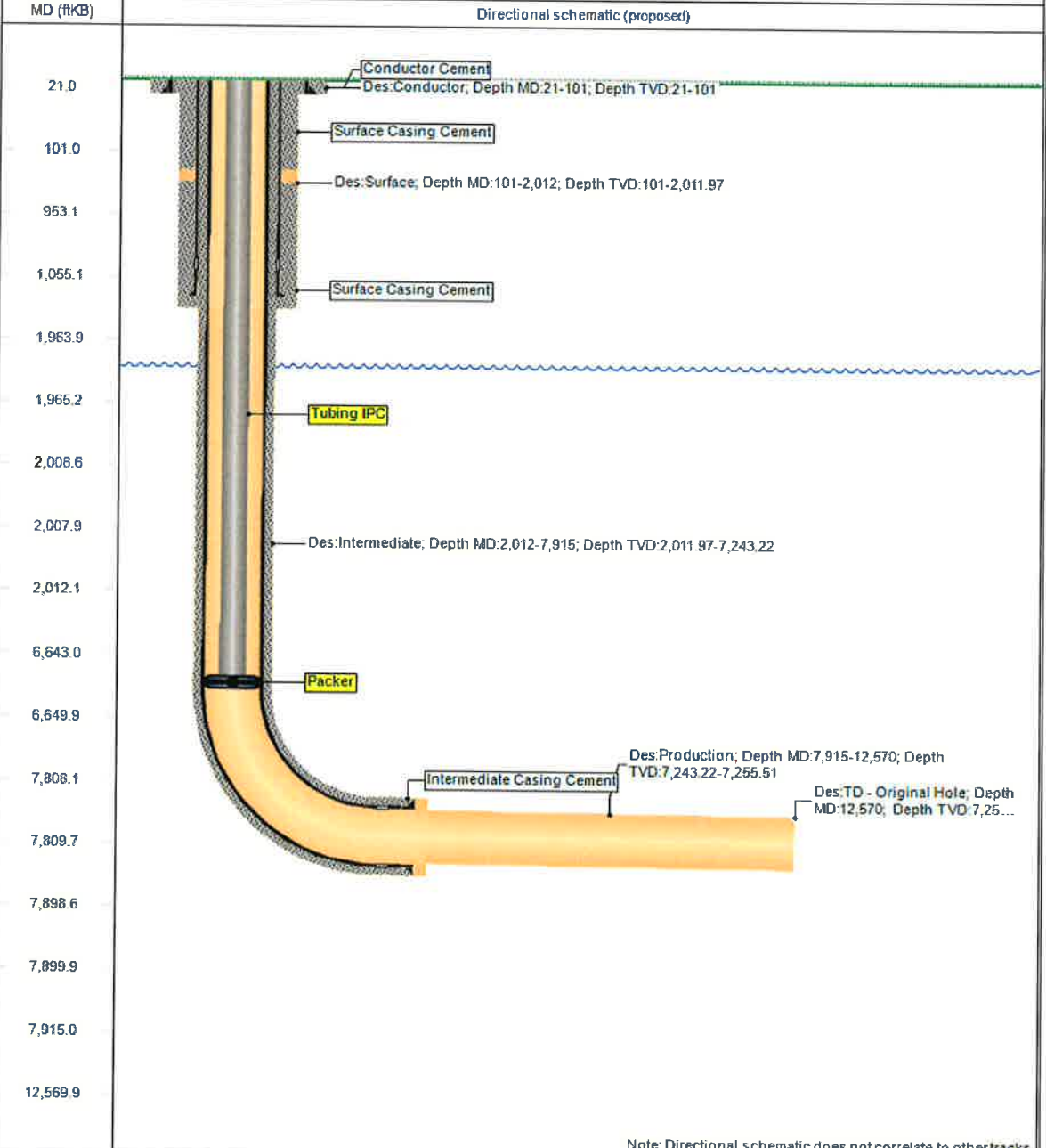
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Sect 17	Twp. 010	Rng. N	Range 58	Ring E	Surface Legal Location:			Fault Block:		
Field Name: Cabin Creek		APN/UWI: 25025230980000		State ID#	Well Status: A - Active	Well Configuration Type	Assoc. TB/Test Site	Latitude: 46° 37' 24.517" N	Longitude: 104° 28' 53.153" W	
Gr Elev (ft): 2,727.00	Orig NB Elev (ft): 2,748.00	KB Grid (ft): 21.00	Total Depth (Alt) (ft): Original Hole - 12,670.0			Total Depth Alt (TVD) (ft): Original Hole - 7,255.5			PSTO (Alt) (ft):	
Spud Date: 11/14/2018	TD Date: 12/1/2018	Rig Release Date: 12/3/2018	Completion Start Date: 12/10/2018	Completion End Date: 12/16/2018	On Production Date:	First Sales Date:	First Inj Date:	First Date CO2 Flood:	Abandon Date:	

TD: 12,570.00 Original Hole, 10/27/2022 12:29:39 PM Permitted Interval = -



Note: Directional schematic does not correlate to other tracks.

Sect 17	Twn... 010	Twn... N	Range 58	Rng... E
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Surface Legal Location:

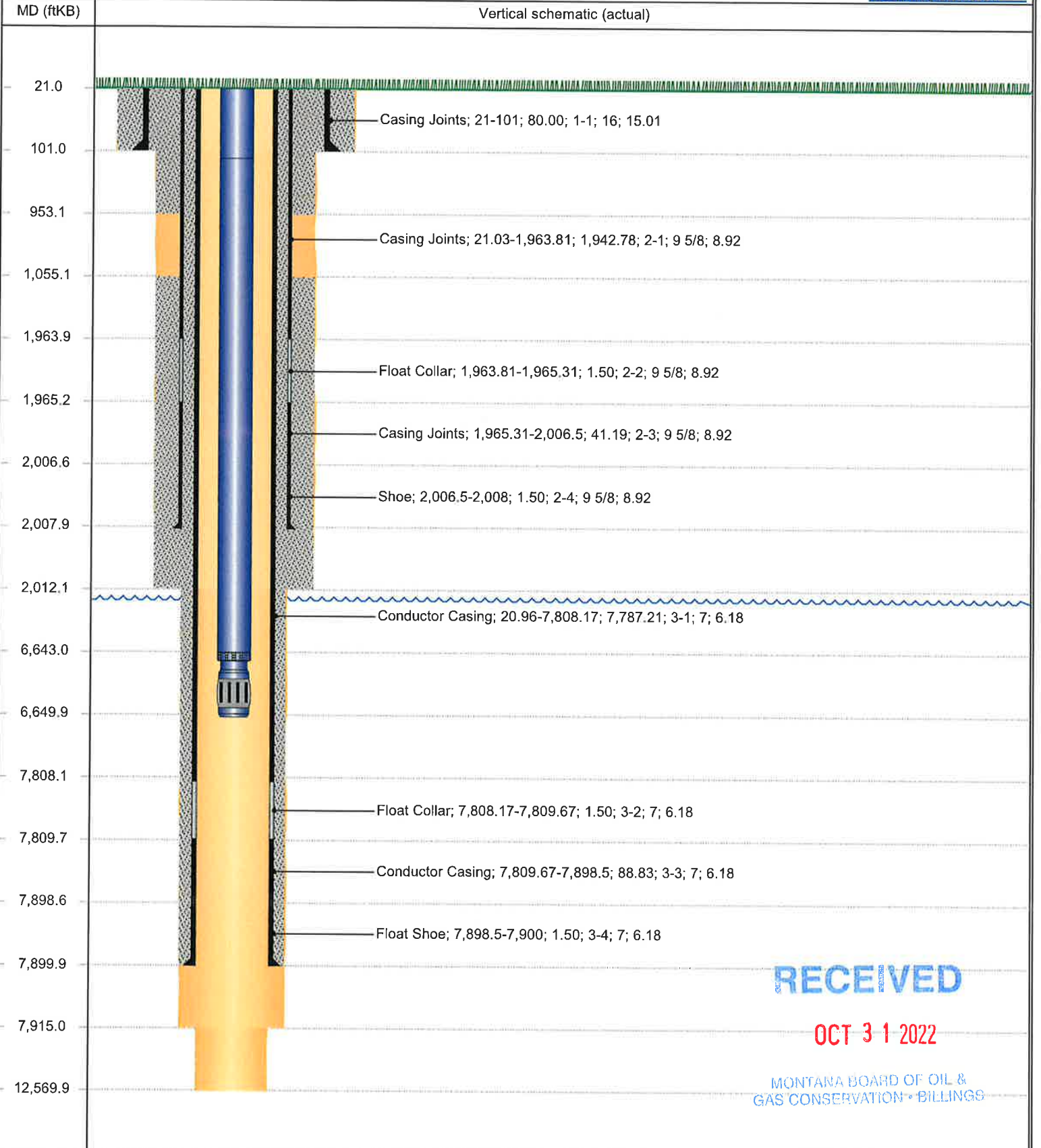
Fault Block:

Field Name Cabin Creek	API/UWI 25025230980000	State ID#	Well Status A - Active	Well Configuration Type	Assoc. TB/Test Site	Latitude 46° 37' 24.517" N	Longitude 104° 26' 53.153" W		
Gr Elev (ft) 2,727.00	Orig KB Elev (ft) 2,748.00	KB-Grd (ft) 21.00	Total Depth (All) (ftKB) Original Hole - 12,570.0	Total Depth All (TVD) (ftKB) Original Hole - 7,255.5	PBTD (All) (ftKB)				
Spud Date 11/14/2018	TD Date 12/1/2018	Rig Release Date 12/3/2018	Completion Start Date 12/10/2018	Completion End Date 12/16/2018	On Production Date	First Sales Date	First Inj Date	First Date CO2 Flood	Abandon Date

TD: 12,570.00

Original Hole, 10/27/2022 1:23:13 PM

Permitted Interval = -



**MONTANA BOARD OF OIL AND GAS CONSERVATION
UNDERGROUND INJECTION CONTROL PERMIT APPLICATION**

Denbury Onshore, LLC
Cabin Creek CH31-17SH
Cabin Creek Field
Section 17, T10N-R58E
Fallon County, Montana

Area of Review

The area of review (AOR) is a fixed radius of ¼ mile from the well bore of the subject well. The area of review is shown on the attached map.

Notification of Surface Owner(s)

Surface owners holding properties within the prescribed AOR were notified of Denbury's intent to apply for a permit to commence water injection into the subject well bore. Notification by registered mail was sent to the following surface owner(s):

Jarrett and Robyn Hadley
1395 Cabin Creek Rd.
Baker, MT 59313

State of Montana
1625 11th Ave.
Helena, MT 59601-4600

Attached is a copy of the letters sent to surface owners, giving notice of our intent to apply for this injection permit.

Public Notification

Notice of intent to apply for a permit to inject water into the subject well has also been posted in the following newspapers for public inspection.

Helena Independent Record
P.O. Box 4249
Helena, Montana 59604-4249

Billings Gazette
401 N Broadway
Billings, MT 59101

Fallon County Times
P.O. Box 679
Baker, MT 59313-0679

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MONTANA BOARD OF OIL &
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Also attached is a copy of the legal notice submitted to the newspapers which provided the public with knowledge of our intent to apply for an injection permit.

Fresh Water Sources (Surface & USDW) within the AOR

There are no freshwater wells located within a ½ mile radius of the subject well.

No known surface or underground sources of drinking water will be affected by water injection into the subject well.

Existing Well Bores within the AOR

There are thirteen existing wellbores that fall within the ¼ mile radius of the Cabin Creek CH31-17SH. Down hole schematics for these well bores are attached.

- Cabin Creek 31-17H (25-025-21572) is an active producer.
- Cabin Creek 21-17 (25-025-05543) is an active producer.
- Cabin Creek 22X-17 (25-025-21083) is an active producer.
- Cabin Creek 32-17 (25-025-05538) is permanently abandoned.
- Cabin Creek 23X-17R (25-025-21940) is an active injector.
- Cabin Creek 23X-17 (25-025-05531) is permanently abandoned.
- Cabin Creek 33X-17H (25-025-21581) is an active producer.
- Cabin Creek 34-17 (25-025-05529) is permanently abandoned.
- Cabin Creek 43-17H (25-025-05532) is an active producer.
- Cabin Creek 44-17H (25-025-21594) is an active producer.
- Cabin Creek 41-20 (25-025-05524) is a shut-in producer.
- Cabin Creek 23-16H (25-025-05533) is an active injector.
- Cabin Creek 42X-20H (25-025-21522) is an active producer.

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Corrective Action Proposal

No corrective action is deemed necessary for the subject well or other existing wells contained within the ¼ mile AOR.

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MONTANA BOARD OF OIL & GAS CONSERVATION - BILLING

Formation Tops

API #	FORMATION	TOP	TVD	COMMENT
25-025-23098-00-00	Niobrara	2362	2361	
25-025-23098-00-00	Greenhorn	2916	2906	
25-025-23098-00-00	Mowry Shale	3456	3431	
25-025-23098-00-00	Newcastle	3657	3629	
25-025-23098-00-00	Muddy	3678	3649	
25-025-23098-00-00	Skull Creek	3699	3670	
25-025-23098-00-00	Inyan Kara Group	3952	3921	
25-025-23098-00-00	Dakota	3995	3964	
25-025-23098-00-00	Swift	4367	4335	
25-025-23098-00-00	Rierdon	4887	4855	
25-025-23098-00-00	Piper Formation	5074	5042	
25-025-23098-00-00	Spearfish Formation	5370	5338	
25-025-23098-00-00	Pine Salt	5399	5367	Top
25-025-23098-00-00	Pine Salt	5649	5617	Base
25-025-23098-00-00	Minnekahta Limestone	5791	5759	
25-025-23098-00-00	Opeche	5823	5791	
25-025-23098-00-00	Minnelusa Formation	6138	6105	
25-025-23098-00-00	Kibby Limestone	6886	6845	
25-025-23098-00-00	Madison	7056	6984	
25-025-23098-00-00	Charles	7197	7084	6
25-025-23098-00-00	Charles	7397	7186	5
25-025-23098-00-00	Charles	7502	7220	4.5
25-025-23098-00-00	Charles	7579	7235	4.4 Oil
25-025-23098-00-00	Charles B	7715	7243	

*KB Elevation 2751'

Injection Pressures (Madison)

Surface fracture Pressure = [Fracture Gradient x Depth to Perforations] –
 [S.G. of Injected Fluids x 0.433 psi/ft x Depth to Perforations] + Tubing Friction (assumed Negligible)

Depth to top perforation = 7240'

S.G. of Injection Fluid = Approximately 1.046 (see representative water analysis)

Fracture Gradient = Approximately 0.8 psi/ft

Surface Fracture Pressure = [0.8 psi/ft x 7240'] – [1.046 x 0.433 psi/ft x 7240']
 = 5792 psi – 3279 psi
 = 2513 psi

Operating Data

Actual operating conditions will be limited to a pressure not exceeding fracture pressure or pressure that causes fluid to go out of zone. Based on attached calculations, we request a permit for a limiting surface pressure of 2513 psi, the fracture pressure at the Charles top perforation.

The annular space between the tubing and casing will be filled with fresh water treated with a corrosion inhibitor, a scale inhibitor and an oxygen scavenger as outlined in the construction procedures.

Injected fluids into the subject well will be field salt-water from the Cabin Creek Unit. A representative analysis of the injectate is attached.

Conversion Procedures

The Cabin Creek CH31-17SH is an active producer in the Charles formation. Denbury desires approval to perform conversion operations on the subject well in advance of injection approval. Work on the well would proceed, however injection would not commence until official approval is received from the Board. Contract personnel, working according to Denbury's plan, specifications, and safety practices may be employed to perform some or all the actual onsite conversion operations.

Aquifer Exemption

An Aquifer Exemption was requested.

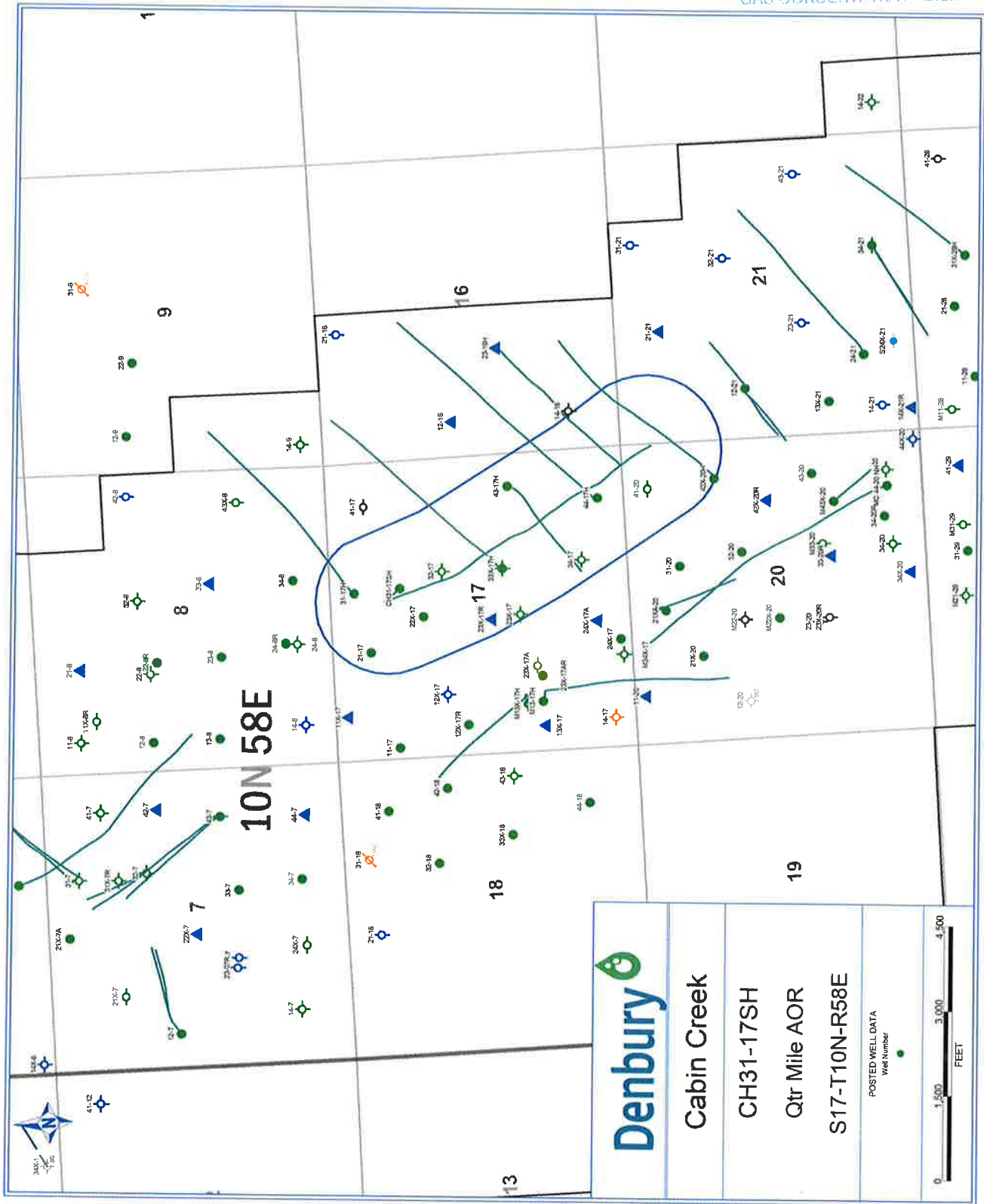
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OCT 31 2022

MONTANA BOARD OF OIL &
GAS CONSERVATION • BILLINGS

OCT 31 2022

MONTANA BOARD OF OIL & GAS CONSERVATION • BILLINGS




Cabin Creek
CH31-17SH
Qtr Mile AOR
S17-T10N-R58E
POSTED WELL DATA Well Number
0 1,500 3,000 4,500 FEET

Cabin Creek #31-17H ST

Sect 17 Twn 010 N Rng 58 E

Surface Legal Location: Section 17 - T10N - R58E

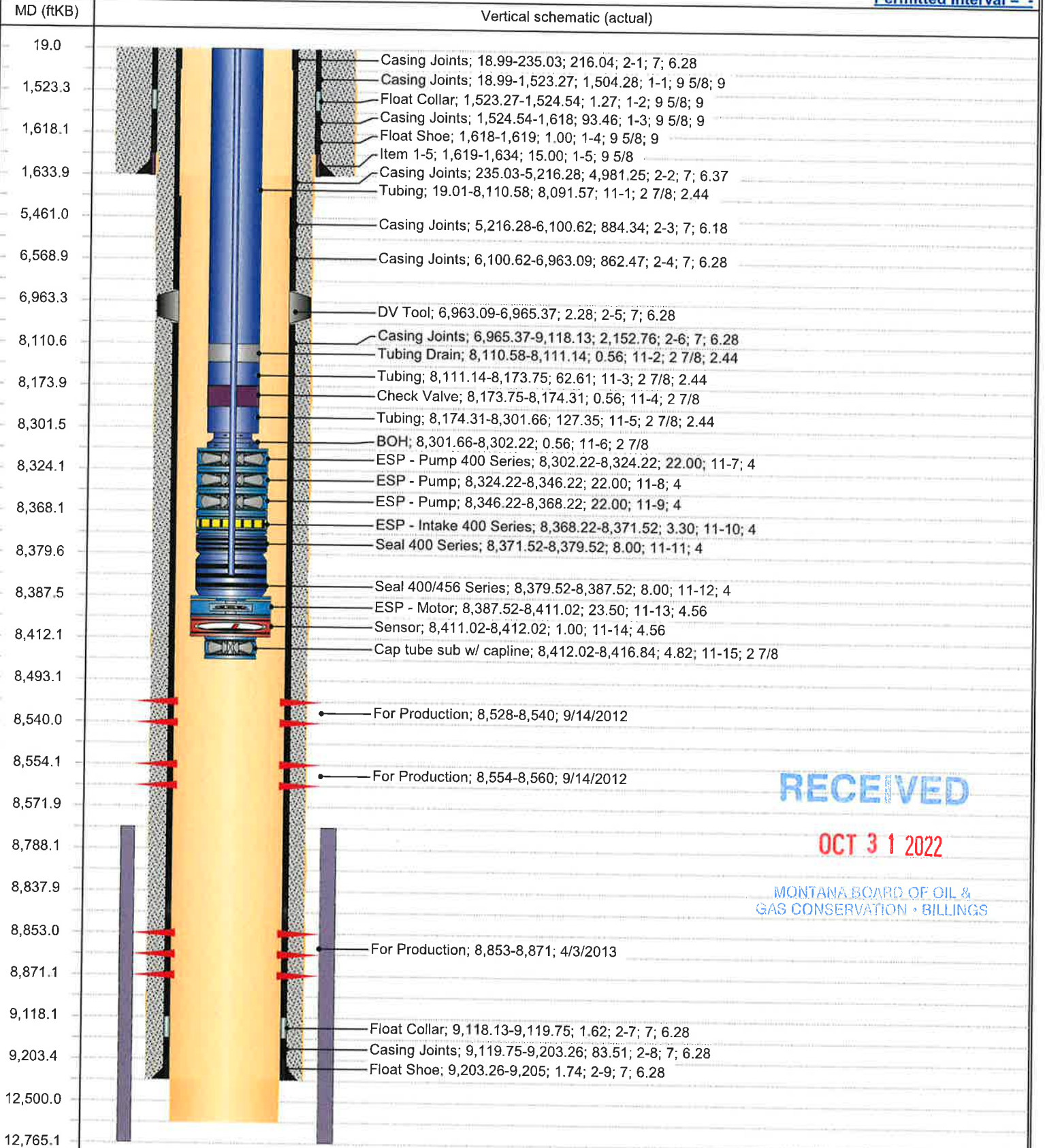
Fault Block:

Field Name Cabin Creek	API/UWI 25025215720000	State ID#	Well Status A - Active	Well Configuration Type Horizontal	Assoc.TB/TestSite	Latitude 46° 37' 32.51" N	Longitude 104° 26' 53.791" W
Gr Elev (ft) 2,723.00	Orig KB Elev (ft) 2,742.00	KB-Grd (ft) 19.00	Total Depth (All) (ftKB) Original Hole - 12,764.0	Total Depth All (TVD) (ftKB)		PBTD (All) (ftKB)	
Spud Date 8/19/1995	TD Date 9/20/1995	Rig Release Date 9/22/1995	Completion Start Date 10/5/1995	Completion End Date	On Production Date	First Sales Date	First Inj Date
						First Date CO2 Flood	Abandon Date

TD: 12,764.00

Horizontal, Original Hole, 10/25/2022 1:41:33 PM

Permitted Interval = -



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MONTANA BOARD OF OIL & GAS CONSERVATION • BILLINGS

Cabin Creek #21-17

Sect 17	Twn... 010	Twn... N	Range 58	Rng... E
------------	---------------	-------------	-------------	-------------

Surface Legal Location: NENW 684 FNL & 1912 FWL

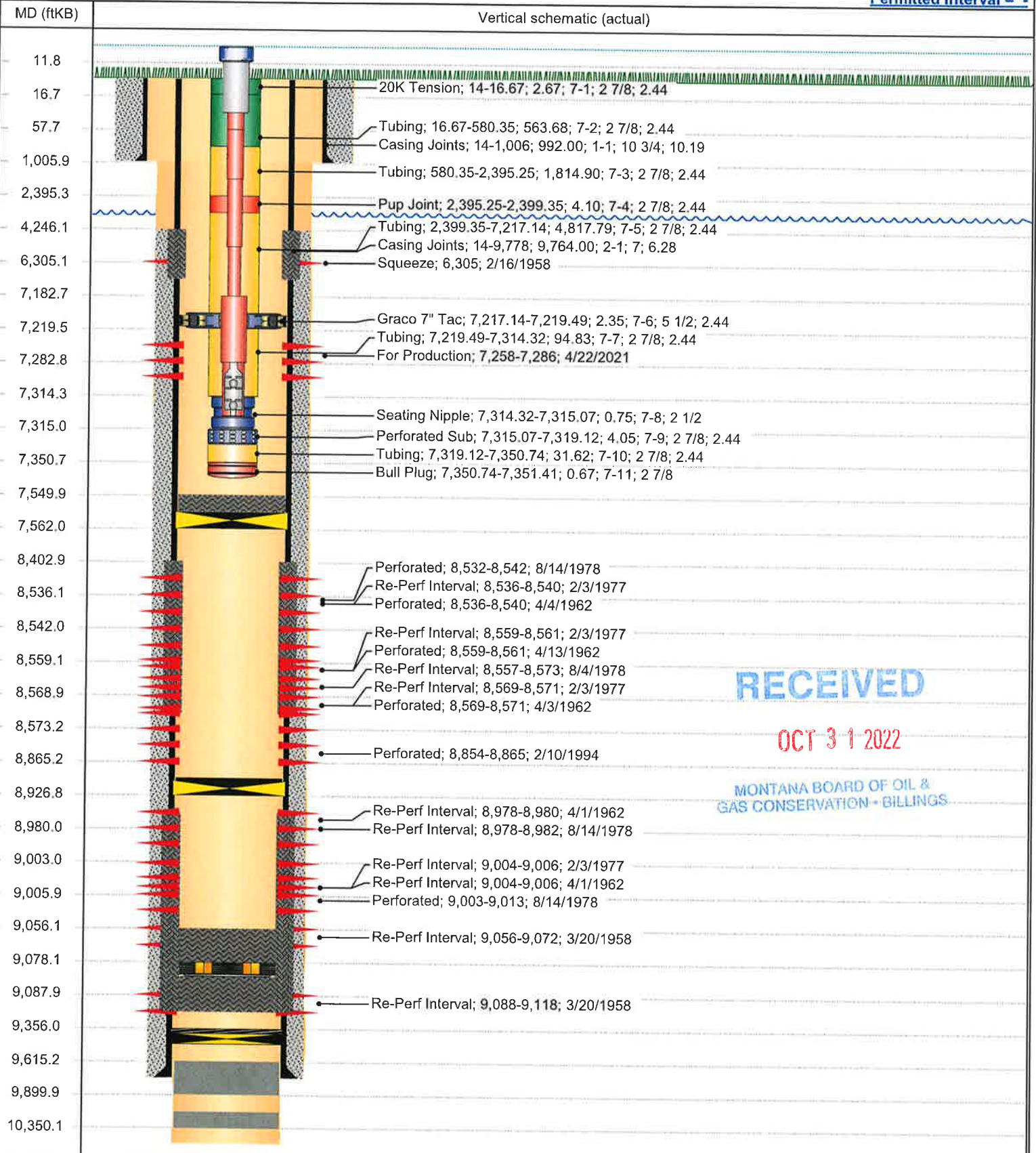
Fault Block:

Field Name Cabin Creek	API/UWI 25025055430000	State ID#	Well Status A - Active	Well Configuration Type	Assoc.TB/TestSite	Latitude 46° 37' 30.095" N	Longitude 104° 27' 9.03" W
Gr Elev (ft) 2,729.00	Orig KB Elev (ft) 2,743.00	KB-Grd (ft) 14.00	Total Depth (All) (ftKB) Original Hole - 10,573.0	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB) Original Hole - 8,926.0		
Spud Date 12/30/1957	TD Date 3/15/1958	Rig Release Date	Completion Start D...	Completion End Date	On Production Date	First Sales Date	First Inj Date
						First Date CO2 Flood	Abandon Date

TD: 10,573.00

Original Hole, 10/25/2022 1:44:05 PM

Permitted Interval = -



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MONTANA BOARD OF OIL & GAS CONSERVATION - BILLINGS

Sect	Twn...	Twn...	Range	Rng...
17	010	N	58	E

Cabin Creek #22X-17

Value: Cabin Creek M22X-17

Surface Legal Location: Section 17 - T10N - R58E

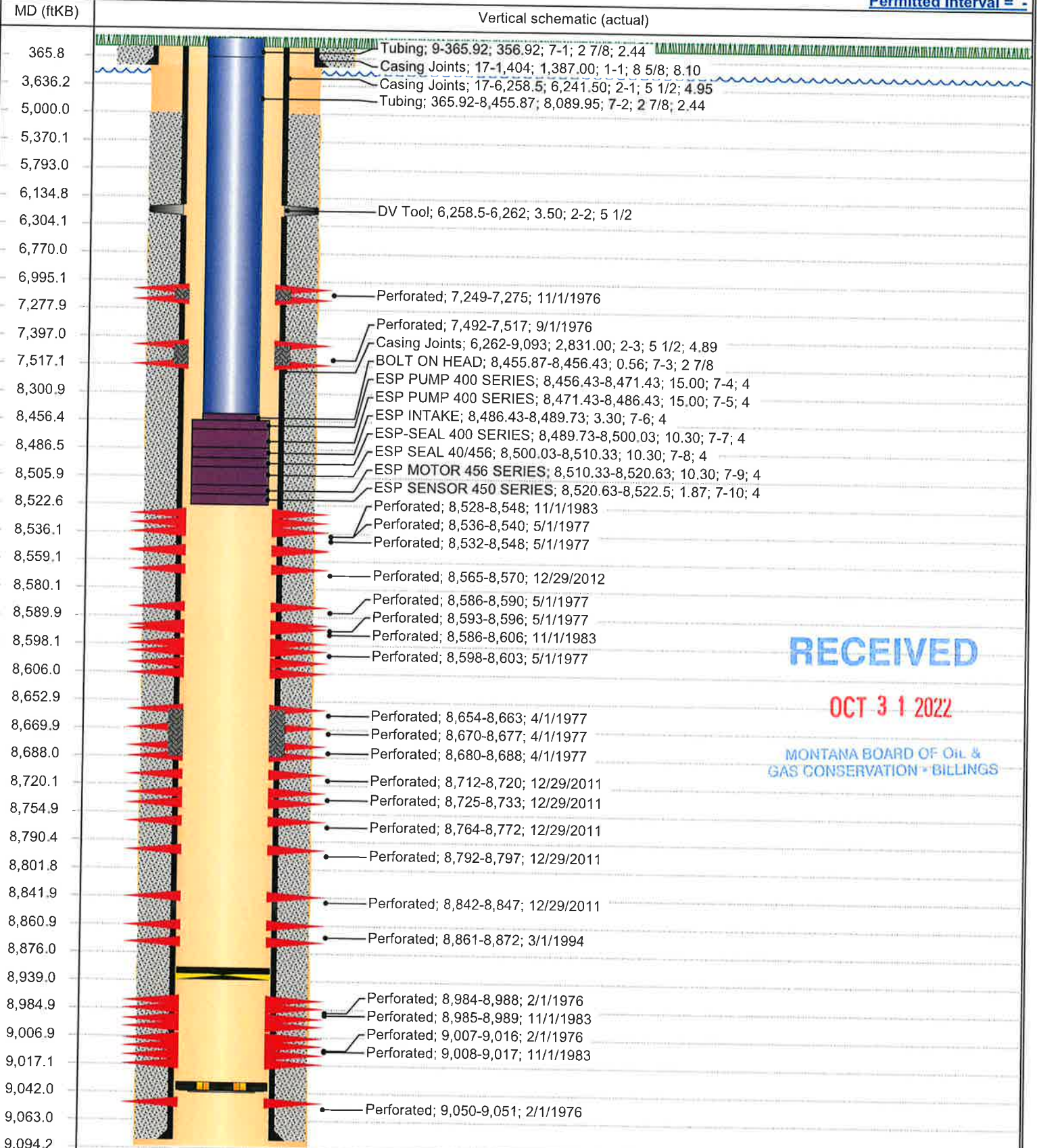
Fault Block:

Field Name Cabin Creek	API/UWI 25025210830000	State ID#	Well Status A - Active	Well Configuration Type	Assoc.TB/TestSite	Latitude 46° 37' 20.536" N	Longitude 104° 27' 0.58" W		
Gr Elev (ft) 2,738.00	Orig KB Elev (ft) 2,755.00	KB-Grd (ft) 17.00	Total Depth (All) (ftKB) Original Hole - 9,094.0	Total Depth All (TVD) (ftKB)		PBD (All) (ftKB) Original Hole - 8,936.0			
Spud Date 11/1/1975	TD Date 12/18/1975	Rig Release Date	Completion Start D.	Completion End Date	On Production Date	First Sales Date	First Inj Date	First Date CO2 Flood	Abandon Date

TD: 9,094.00

Original Hole, 10/25/2022 1:45:49 PM

Permitted Interval = -



Cabin Creek #32-17

Sect 17 Twn 10 N Range 58 E

Surface Legal Location: 1994 N 1992 E

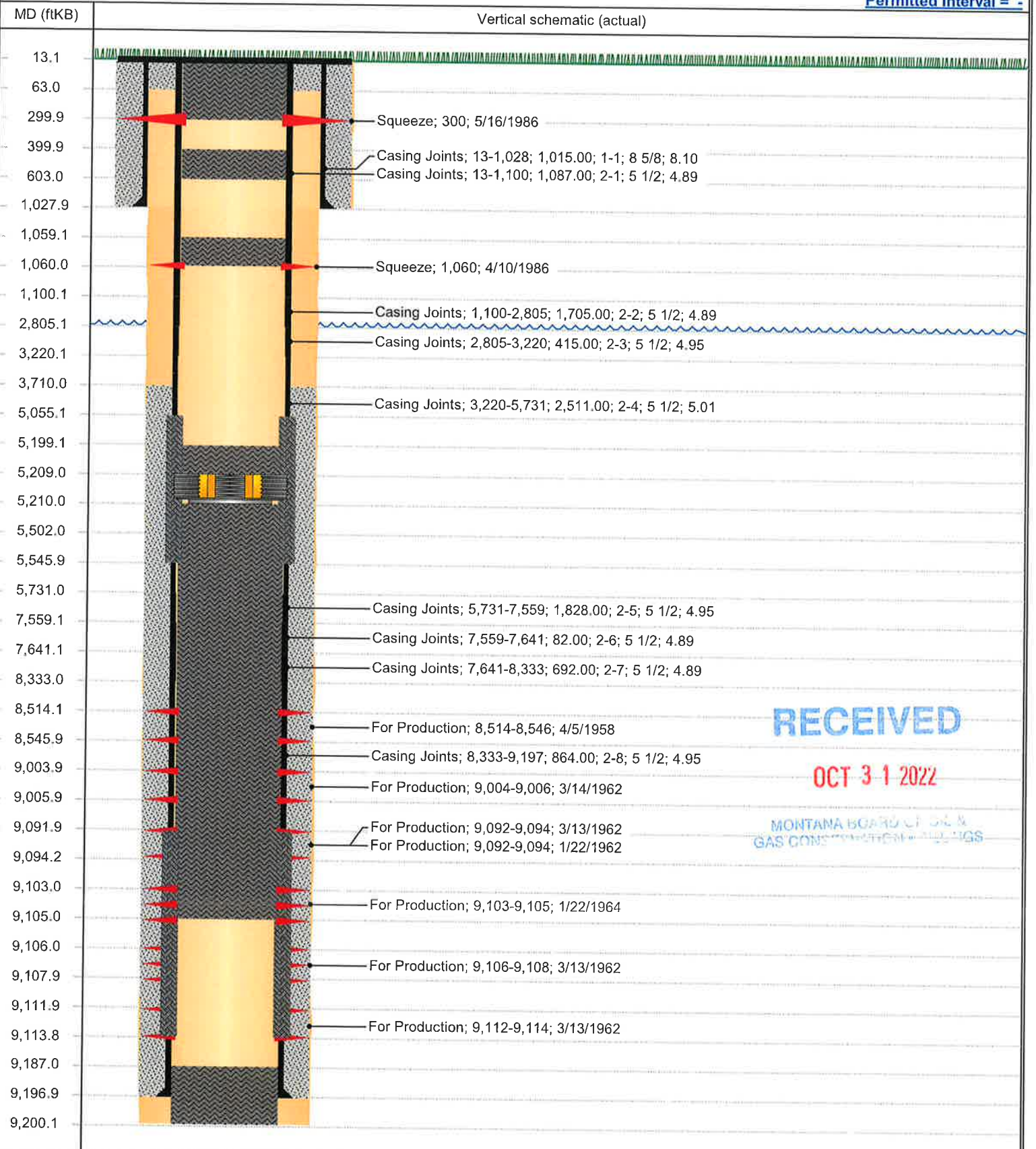
Fault Block:

Field Name Cabin Creek	API/UWI 25025055380000	State ID#	Well Status PA - Permanently Abandoned	Well Configuration Type Vertical	Assoc.TB/TestSite	Latitude 46° 37' 17.098" N	Longitude 104° 26' 48.864" W
Gr Elev (ft) 2,729.00	Orig KB Elev (ft) 2,742.00	KB-Grd (ft) 13.00	Total Depth (All) (ftKB) Original Hole - 9,200.0		Total Depth All (TVD) (ftKB)		PBTD (All) (ftKB) Original Hole - 13.0
Spud Date 2/19/1958	TD Date 3/31/1958	Rig Release Date	Completion Start D...	Completion End Date 4/11/1958	On Production Date	First Sales Date	First Inj Date
						First Date CO2 Flood	Abandon Date 5/16/1986

TD: 9,200.00

Vertical, Original Hole, 10/25/2022 1:47:12 PM

Permitted Interval = -



RECEIVED

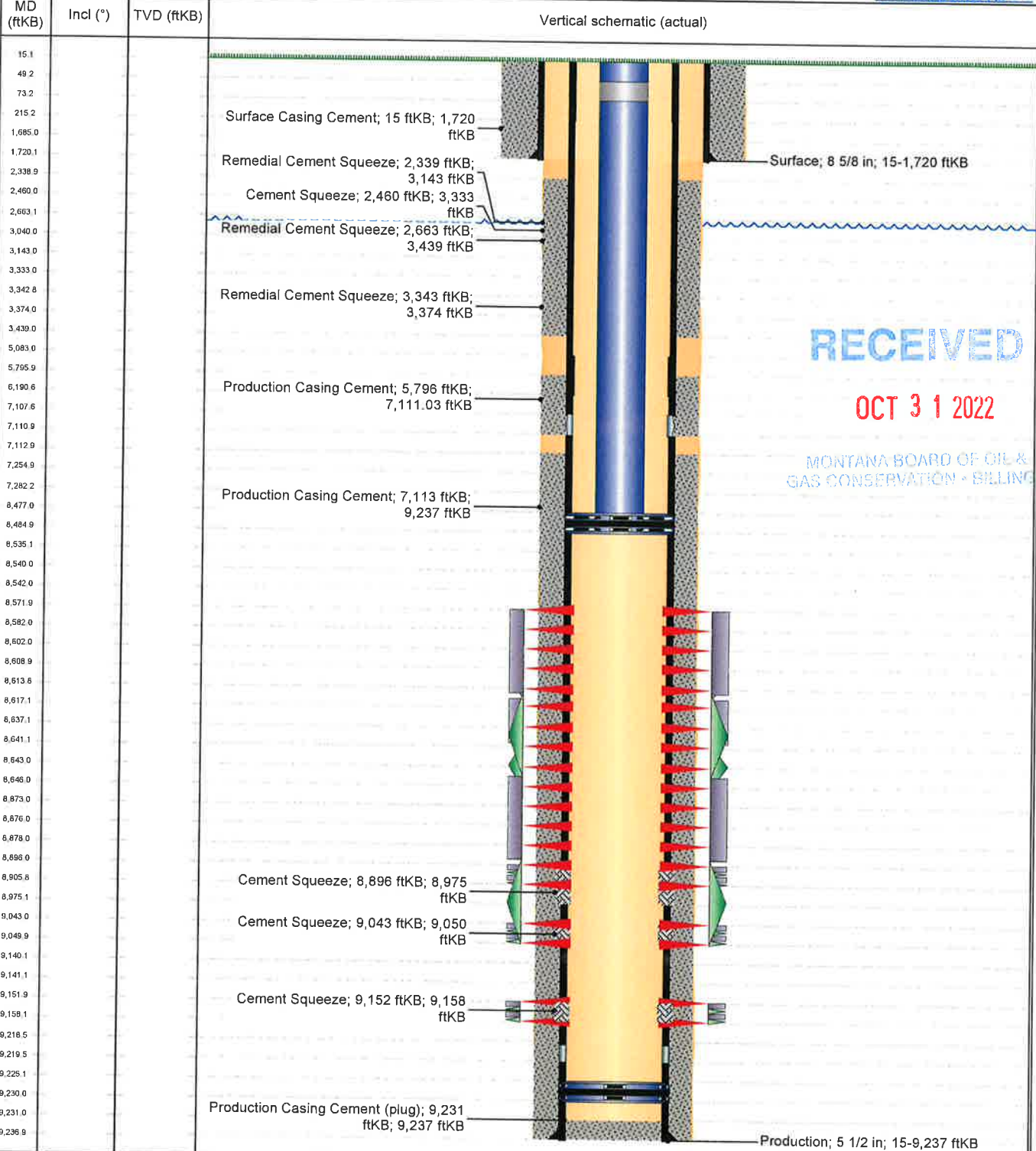
OCT 31 2022

MONTANA BOARD OF OIL & GAS CONSERVATION - REGULINGS

Cabin Creek #23X-17R WIW

Sect 17	Twnshp 010	Range N	Rng E 58	Surface Legal Location: Section 17 - T10N - R58E				Fault Block:											
Field Name Cabin Creek		API/JWI 25025219400000		State ID#		Well Status A - Active		Well Configuration Type		Assoc. TB/Test Site		Latitude 46° 37' 8.548" N		Longitude 104° 27' 2.201" W					
Gr Elev (ft) 2,752.00		Orig KB Elev (ft) 2,767.00		KB-Grd (ft) 15.00		Total Depth (All) (ftKB) Original Hole - 9,237.0				Total Depth All (TVD) (ftKB)		PBTD (All) (ftKB) Original Hole - 9,225.0							
Spud Date 5/5/2001		TD Date 5/18/2001		Rig Release Date 5/21/2001		Completion Start Date 6/1/2001		Completion End Date 7/3/2001		On Production Date		First Sales Date		First Inj Date		First Date CO2 Flood		Abandon Date	

TD: 9,237.00 Original Hole, 7/11/2022 4:11:47 PM Permitted Interval = -



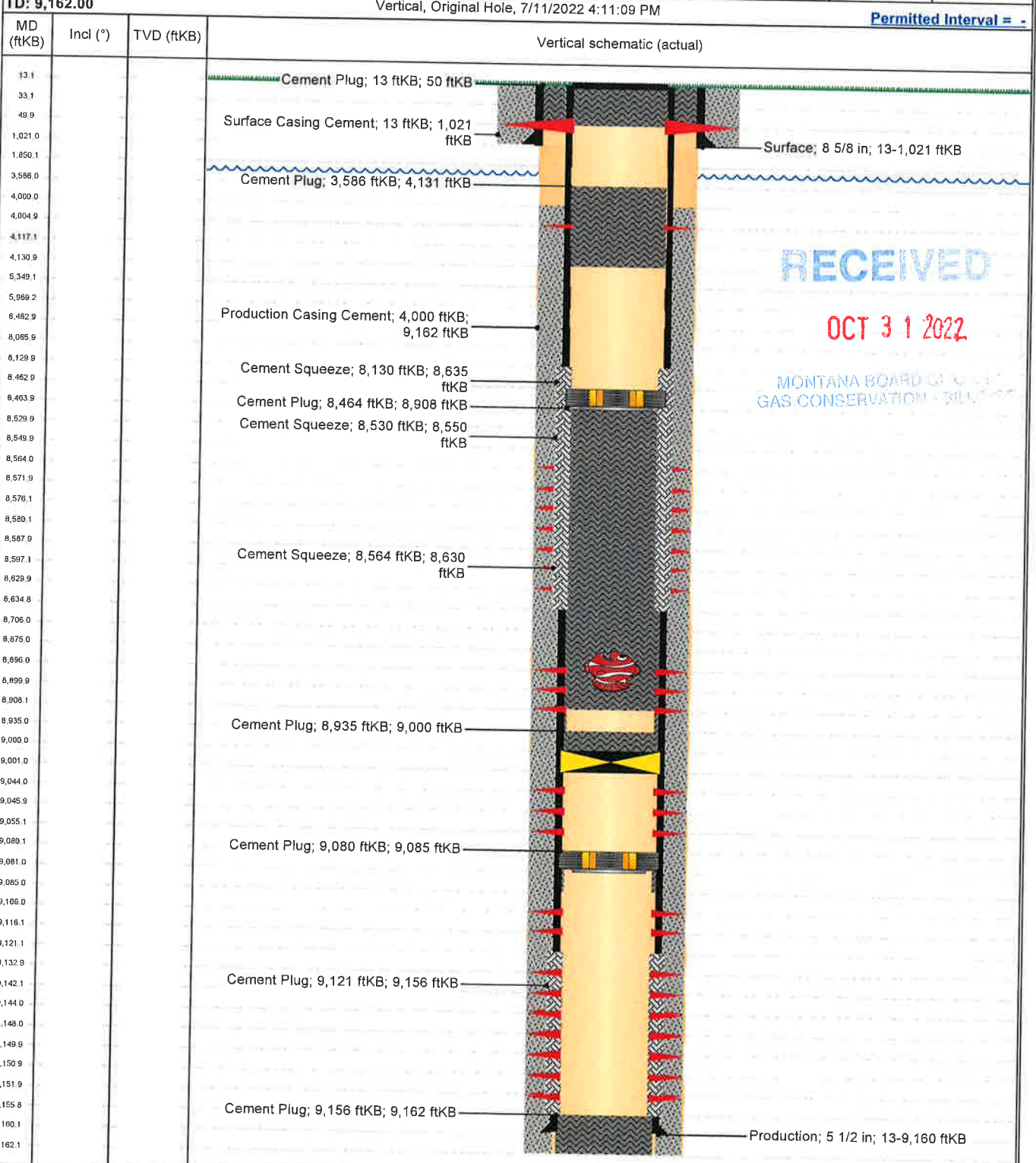
RECEIVED

OCT 31 2022

MONTANA BOARD OF OIL & GAS CONSERVATION - BILLINGS

Cabin Creek #23X-17

Sect 17	Twnsh 10 N	Range 58 E	Surface Legal Location: 1996 S 2437 W		Fault Block:		
Field Name	API/UWI	State ID#	Well Status	Well Configuration Type	Assoc.TB/TestSite	Latitude	Longitude
Cabin Creek	25025055310000		PA - Permanently Abandoned	Vertical		46° 37' 4.297" N	104° 27' 0.907" W
Gr Elev (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Total Depth (All) (ftKB)		Total Depth All (TVD) (ftKB)		PBTD (All) (ftKB)
2,769.00	2,782.00	13.00	Original Hole - 9,162.0				Original Hole - 13.0
Spud Date	TD Date	Rig Release Date	Completion Start Date	Completion End Date	On Production Date	First Sales Date	First Inj Date
11/21/1958	12/21/1958			1/12/1959			
TD: 9,162.00		Vertical, Original Hole, 7/11/2022 4:11:09 PM				Permitted Interval = -	



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MONTANA BOARD OF OIL & GAS CONSERVATION

Cabin Creek #33X-17H

Sect	Twn...	Twn...	Range	Rng...
17	010	N	58	E

Surface Legal Location: Section 17 - T10N - R58E

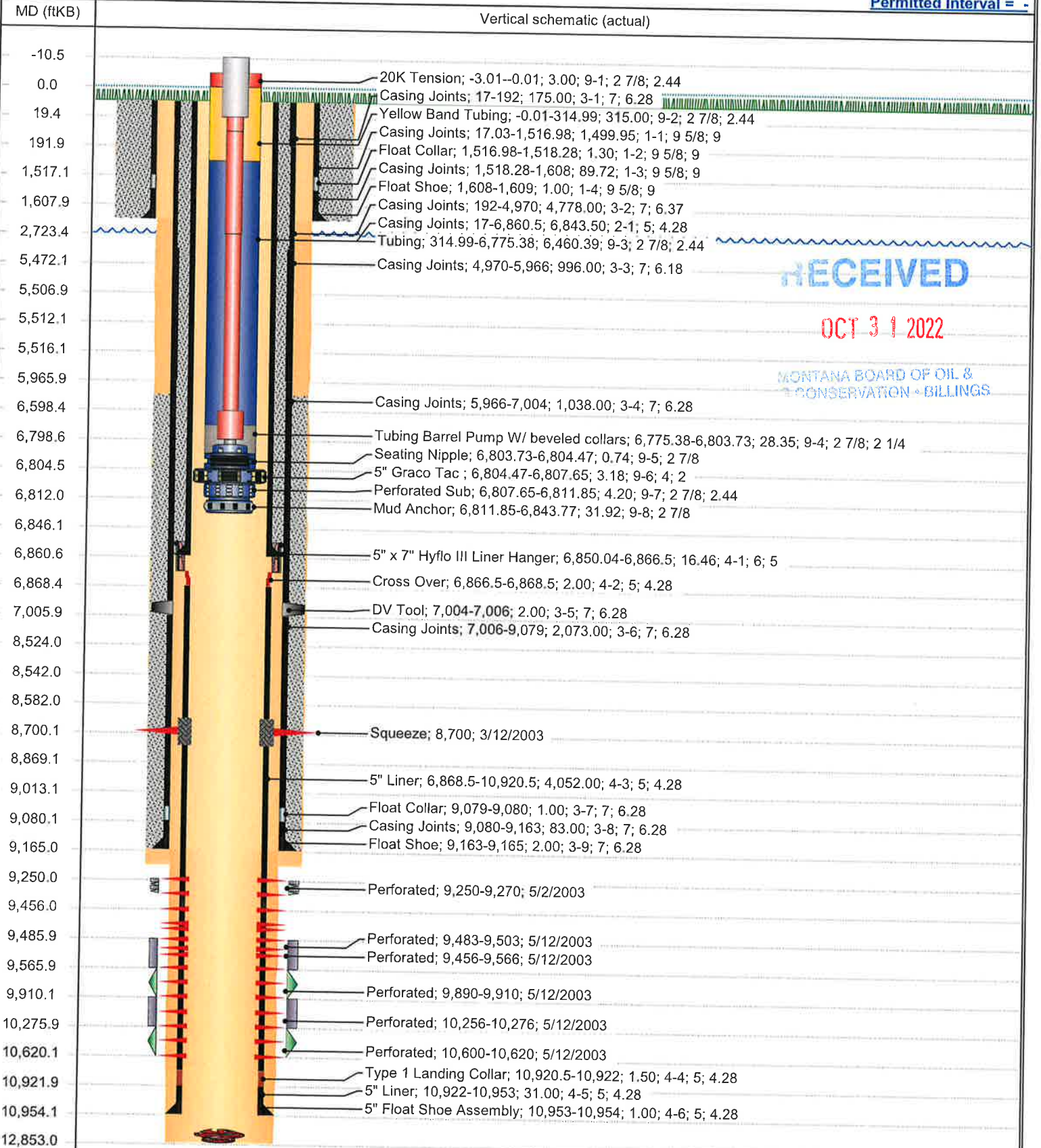
Fault Block:

Field Name Cabin Creek		API/UWI 25025215810000	State ID#	Well Status A - Active	Well Configuration Type Horizontal	Assoc.TB/TestSite	Latitude 46° 37' 6.291" N	Longitude 104° 26' 49.469" W
Gr Elev (ft) 2,739.00	Orig KB Elev (ft) 2,756.00	KB-Grd (ft) 17.00	Total Depth (All) (ftKB) Original Hole - 12,853.0		Total Depth All (TVD) (ftKB) Original Hole - 9,092.7		PBTD (All) (ftKB)	
Spud Date 10/14/1995	TD Date 11/17/1995	Rig Release Date 11/18/1995	Completion Start D...	Completion End Date	On Production Date	First Sales Date	First Inj Date	First Date CO2 Flood
								Abandon Date

TD: 12,853.00

Horizontal, Original Hole, 10/25/2022 3:07:13 PM

Permitted Interval = -



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MONTANA BOARD OF OIL & CONSERVATION - BILLINGS

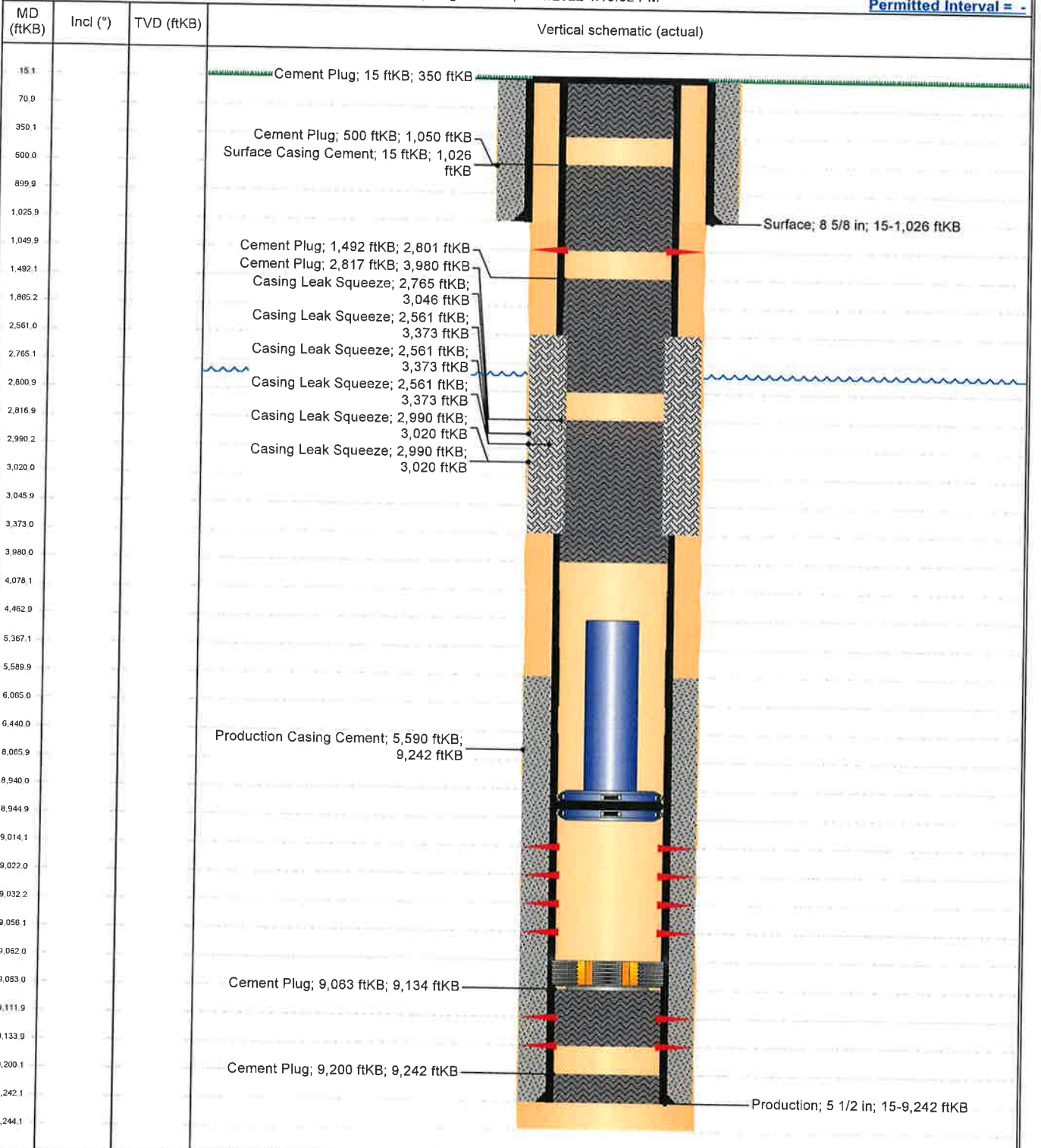
Cabin Creek #34-17

Sect 17	Twnshp 10	N	Range 58	Rng E	Surface Legal Location: 858 S 1953 E		Fault Block:	
Field Name	API/UWI		State ID#	Well Status	Well Configuration Type	Assoc. TB/Test Site	Latitude	Longitude
Cabin Creek	25025055290000			PA - Permanently Abandoned	Vertical		46° 36' 53.059" N	104° 26' 48.267" W
Gr Elev (ft)	Orig KB Elev (ft)	KB-Grd (ft)	Total Depth (All) (ftKB)		Total Depth All (TVD) (ftKB)		PBD (All) (ftKB)	
2,766.00	2,781.00	15.00	Original Hole - 9,244.0				Original Hole - 15.0	
Spud Date	TD Date	Rig Release Date	Completion Start Date	Completion End Date	On Production Date	First Sales Date	First Inj Date	First Date CO2 Flood
4/3/1958	5/3/1958			5/17/1958				Abandon Date
8/13/1986								

TD: 9,244.00

Vertical, Original Hole, 7/11/2022 4:13:52 PM

Permitted Interval = -



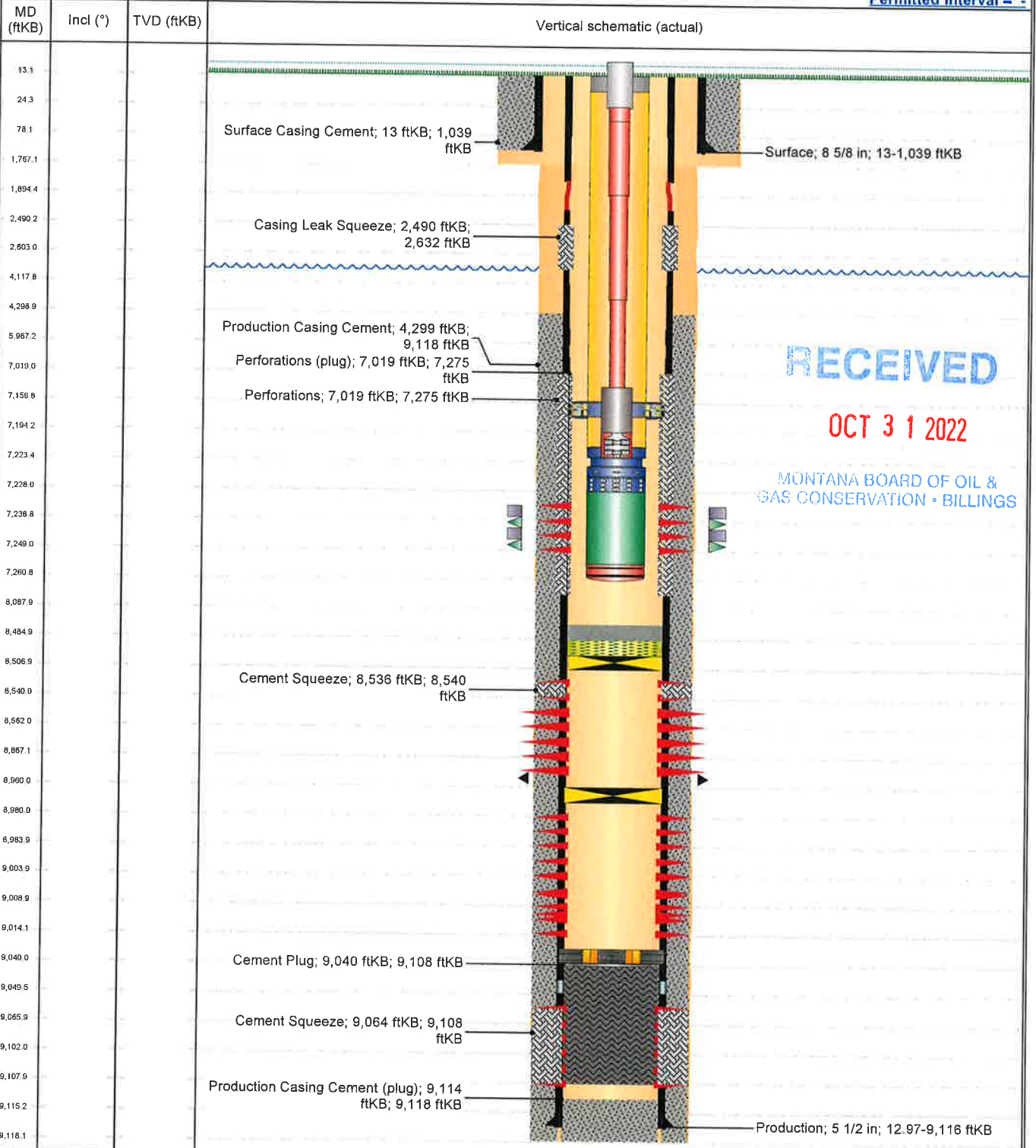
Cabin Creek CH#43-17H ST

Value: Cabin Creek #43-17H ST

Fault Block:

Sect 17	Twnshp 010	Range N	58	Rng E	Surface Legal Location: Section 17 - T10N - R58E				Latitude 46° 37' 4.632" N		Longitude 104° 26' 28.631" W
Field Name: Cabin Creek		API/UWI: 25025055320000		State ID#	Well Status: A - Active	Well Configuration Type: Horizontal	Assoc. TB/Test Site	Total Depth All (TVD) (ftKB): Lateral RR U4 - 8,998.1		PBTD (All) (ftKB)	
Gr Elev (ft): 2,724.00	Orig KB Elev (ft): 2,737.00	KB-Grd (ft): 13.00	Total Depth (All) (ftKB): Original Hole - 9,118.0; Lateral RR U4 - 10,842.0								
Spud Date: 10/25/1958	TD Date: 11/18/1958	Rig Release Date: 11/20/1958	Completion Start Date: 11/24/1958	Completion End Date: 11/30/1958	On Production Date: 12/1/1958	First Sales Date	First Inj Date	First Date CO2 Flood	Abandon Date		

TD: 9,118.00 Horizontal, Original Hole, 7/11/2022 4:14:50 PM Permitted Interval = -



RECEIVED

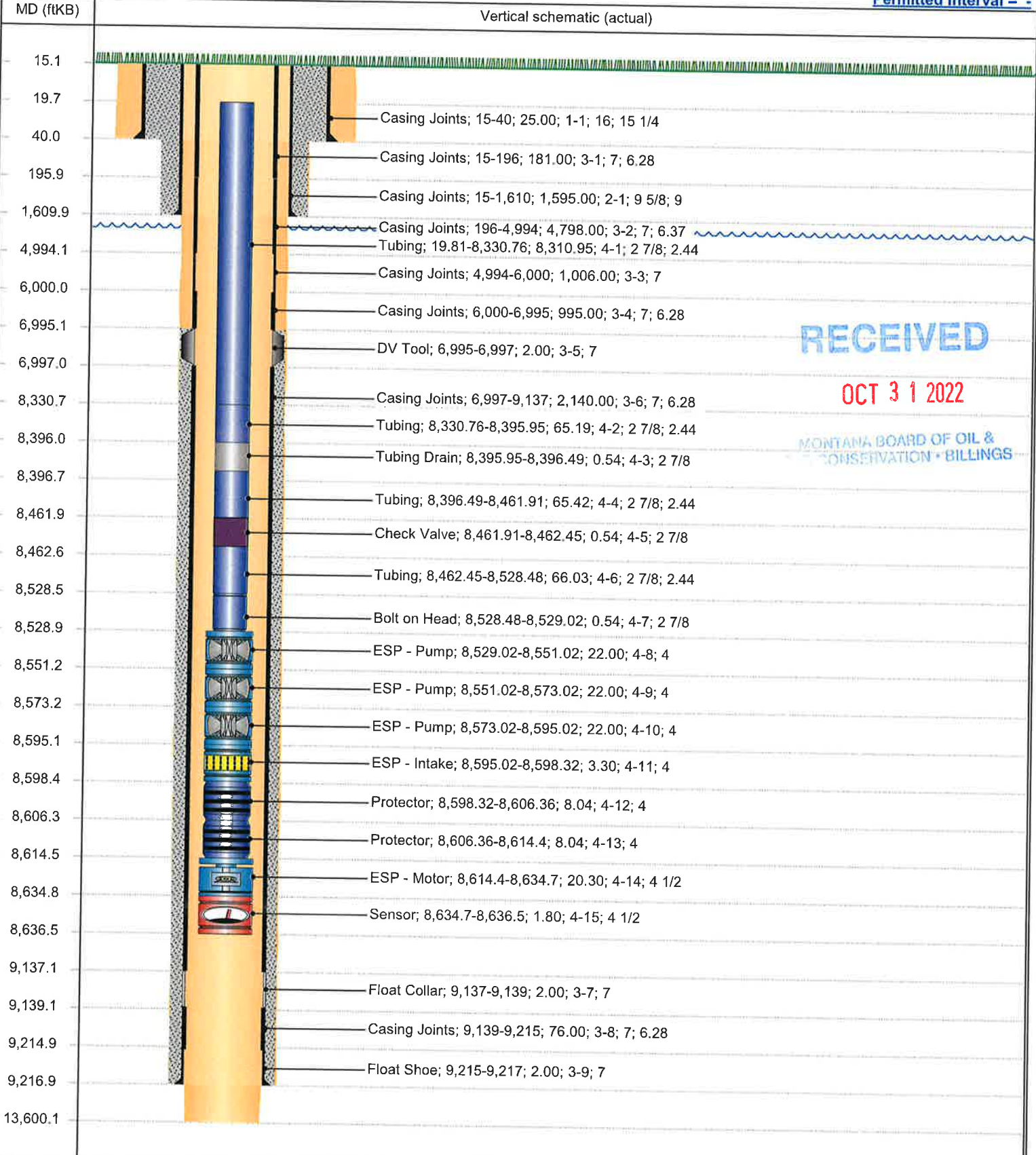
OCT 31 2022

MONTANA BOARD OF OIL & GAS CONSERVATION • BILLINGS

Cabin Creek #44-17H

Sect 17	Twn... 010	Twn... N	Range 58	Rng... E	Surface Legal Location: Section 17 - T10N - R58E				Fault Block:		
Field Name Cabin Creek		API/UWI 25025215940000		State ID#	Well Status A - Active	Well Configuration Type	Assoc.TB/TestSite	Latitude 46° 36' 49.028" N	Longitude 104° 26' 32.796" W		
Gr Elev (ft) 2,766.00	Orig KB Elev (ft) 2,781.00	KB-Grd (ft) 15.00	Total Depth (All) (ftKB) Original Hole - 13,600.0			Total Depth All (TVD) (ftKB) Original Hole - 9,129.5			PBTD (All) (ftKB)		
Spud Date	TD Date	Rig Release Date	Completion Start D...	Completion End Date	On Production Date	First Sales Date	First Inj Date	First Date CO2 Flood	Abandon Date		

TD: 13,600.00 Original Hole, 10/25/2022 2:22:05 PM Permitted Interval = -



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MONTANA BOARD OF OIL & CONSERVATION • BILLINGS

Cabin Creek #41-20

Surface Legal Location: Section 20 - T10N - R58E

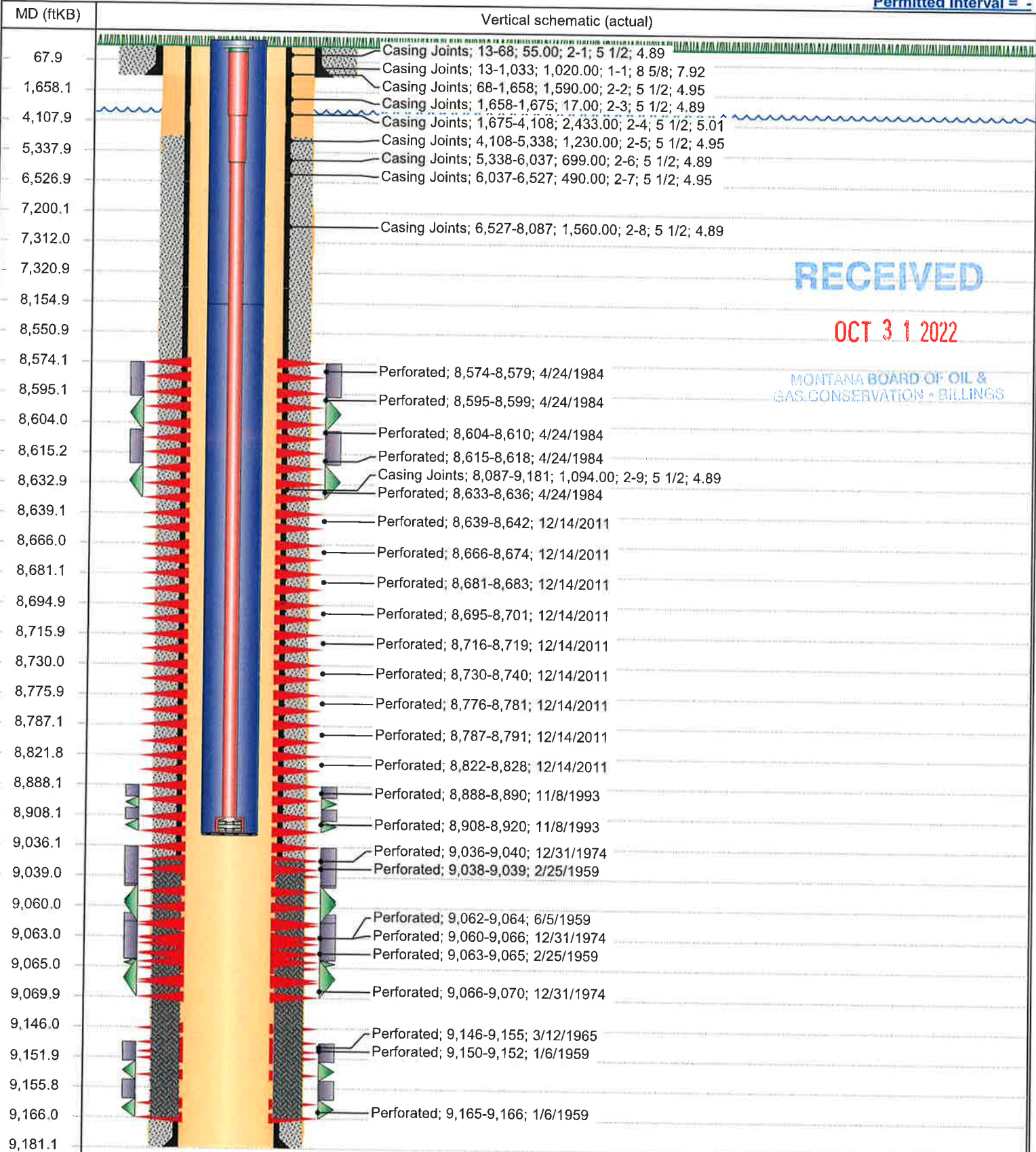
Fault Block:

Sect 20	Twn... 010	Twn... N	Range 58	Rng... E	API/UWI 25025055240000				State ID#	Well Status SIUR - Shut-in Uneconomical to Repair	Well Configuration Type	Assoc. TB/Test Site	Latitude 46° 36' 40.216" N	Longitude 104° 26' 31.239" W
Field Name Cabin Creek		Gr Elev (ft) 2,790.00		Orig KB Elev (ft) 2,803.00	KB-Grd (ft) 13.00	Total Depth (All) (ftKB) Original Hole - 9,181.0			Total Depth All (TVD) (ftKB)			PBD (All) (ftKB) Original Hole - 9,170.0		
Spud Date 11/22/1958		TD Date 12/22/1958		Rig Release Date	Completion Start D...	Completion End Date	On Production Date	First Sales Date	First Inj Date	First Date CO2 Flood	Abandon Date			

TD: 9,181.00

Original Hole, 10/25/2022 2:22:32 PM

Permitted Interval = -



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OCT 31 2022

MONTANA BOARD OF OIL & GAS CONSERVATION - BILLINGS

Cabin Creek #23-16H WIW

Sect: 16	Twn... 010	Twn... N	Range 58	Rng... E
----------	------------	----------	----------	----------

Surface Legal Location: Section 16 - T10N - R58E

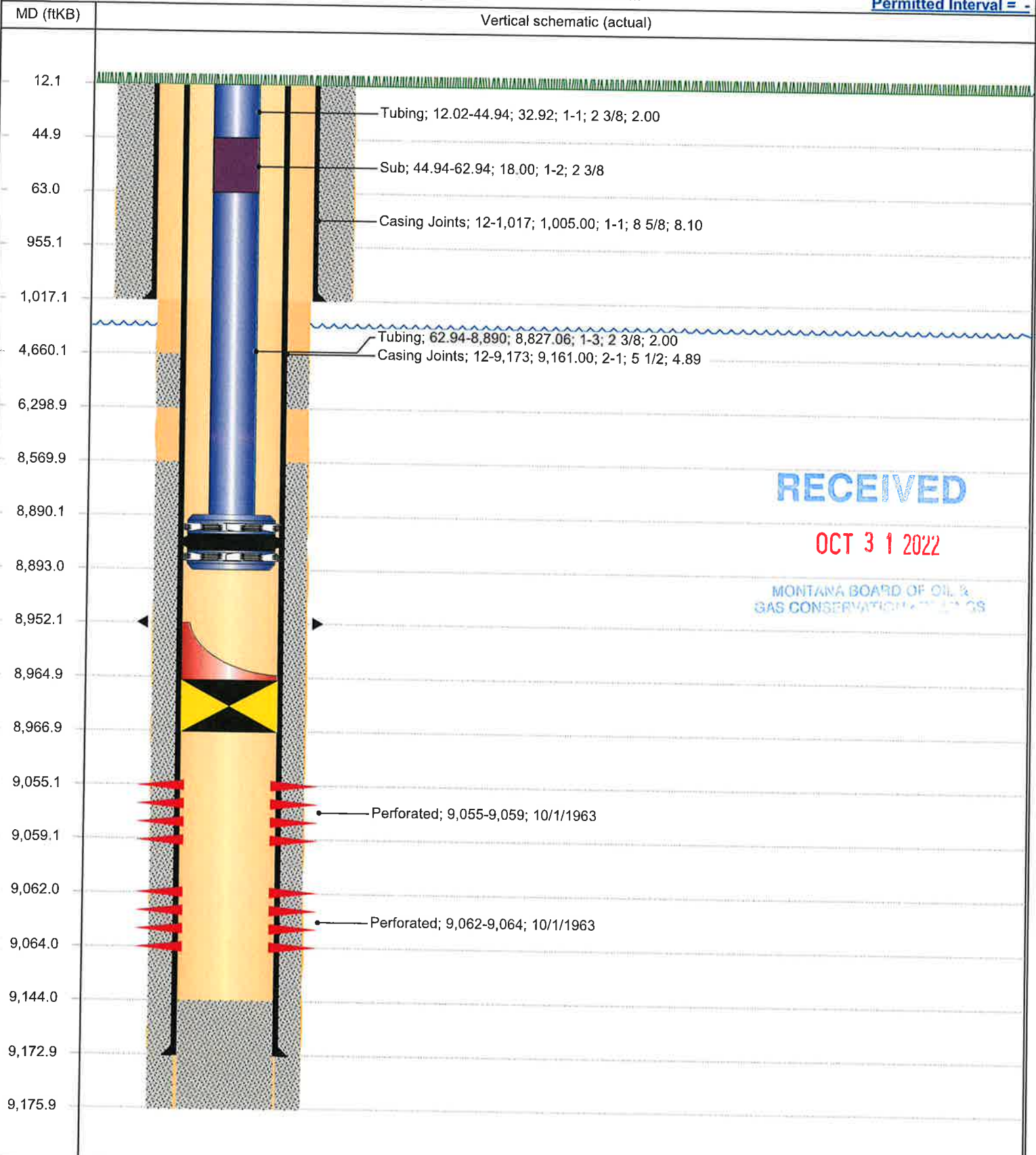
Fault Block:

Field Name Cabin Creek	API/UWI 25025055330000	State ID#	Well Status A - Active	Well Configuration Type	Assoc.TB/TestSite	Latitude 46° 37' 4.804" N	Longitude 104° 25' 53.726" W		
Gr Elev (ft) 2,730.00	Orig KB Elev (ft) 2,742.00	KB-Grd (ft) 12.00	Total Depth (All) (ftKB) Original Hole - 9,176.0; Sidetrack 1 - 11,928.0		Total Depth All (TVD) (ftKB)		PBTD (All) (ftKB) Original Hole - 9,144.0		
Spud Date 9/1/1963	TD Date	Rig Release Date	Completion Start Date	Completion End Date	On Production Date	First Sales Date	First Inj Date	First Date CO2 Flood	Abandon Date

TD: 9,176.00

Original Hole, 10/25/2022 2:23:36 PM

Permitted Interval = -



Cabin Creek #42X-20H

Sect 20 Twn 010 N Range 58 E

Surface Legal Location: Section 20 - T10N - R58E

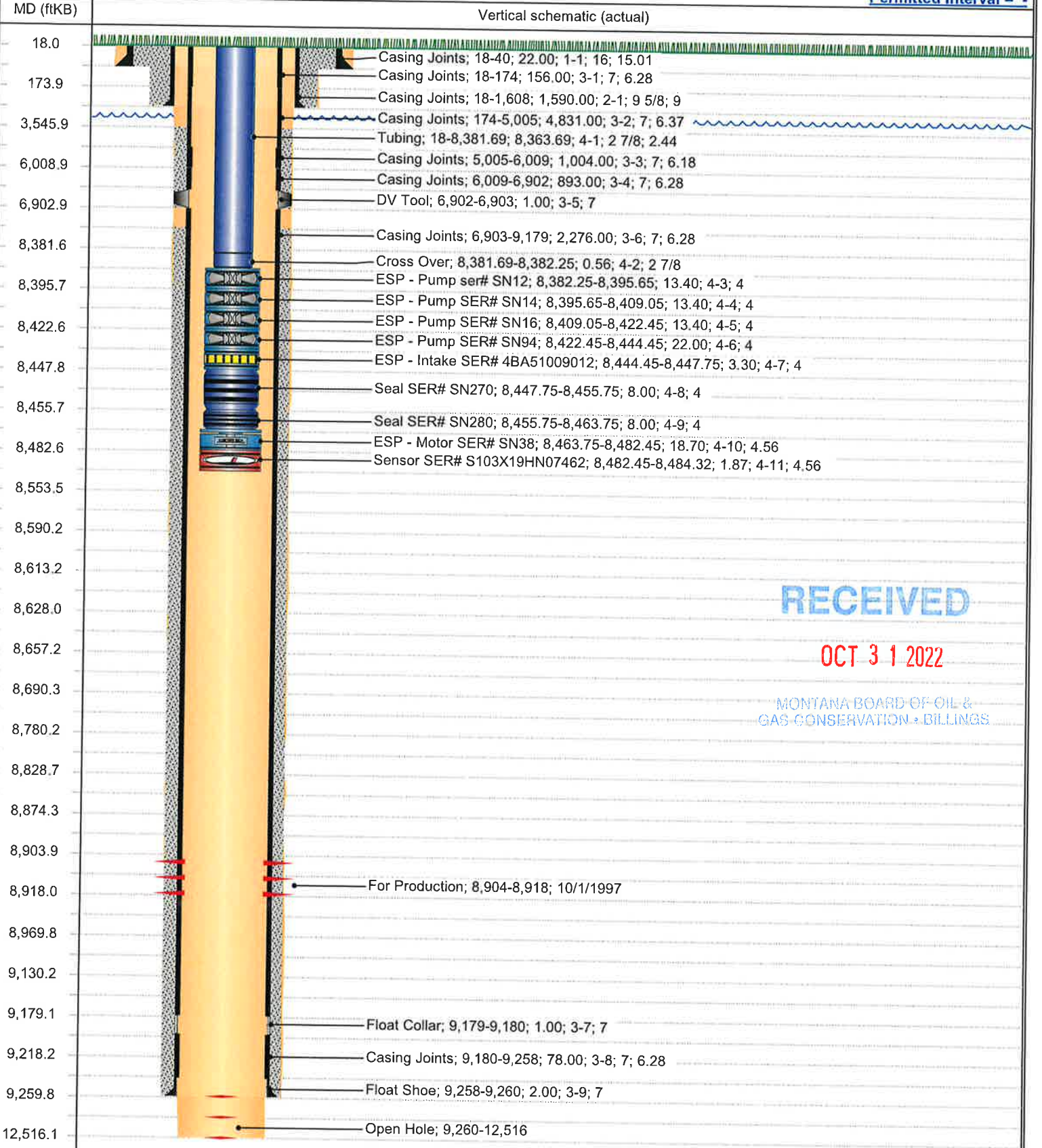
Fault Block:

Field Name Cabin Creek	API/UWI 25025215220000	State ID#	Well Status A - Active	Well Configuration Type Horizontal	Assoc. TB/Test Site	Latitude 46° 36' 28.408" N	Longitude 104° 26' 29.547" W		
Gr Elev (ft) 2,774.00	Orig KB Elev (ft) 2,792.00	KB Grd (ft) 18.00	Total Depth (All) (ftKB) Original Hole - 12,516.0	Total Depth All (TVD) (ftKB) Original Hole - 9,108.2	PBD (All) (ftKB)				
Spud Date	TD Date	Rig Release Date	Completion Start Date	Completion End Date	On Production Date	First Sales Date	First Inj Date	First Date CO2 Flood	Abandon Date

TD: 12,516.00

Horizontal, Original Hole, 10/25/2022 2:24:19 PM

Permitted Interval = -



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MONTANA BOARD OF OIL & GAS CONSERVATION - BILLINGS



91 7199 9991 7036 0292 8504

PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT OF THE RETURN ADDRESS. FOLD AT DOTTED LINE

CERTIFIED MAIL



91 7199 9991 7036 0292 8504

October 27, 2022

Jarrett and Robyn Hadley
1395 Cabin Creek Rd.
Baker, MT 59313

RE: Cabin Creek Field
Cabin Creek CH33X-17H
Section 17, T10N-R58E
Fallon County, MT

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OCT 31 2022

MONTANA BOARD OF OIL &
GAS CONSERVATION • BILLINGS

Dear Surface Land Owner,

Within the Cabin Creek Field, Denbury Onshore, LLC plans to convert the Cabin Creek CH31-17SH to an Injection well.

In accordance with the rules and regulations of the Montana Board of Oil and Gas Conservation (MBOGC)—administered Underground Injection Control (UIC) in Montana, Denbury is required to give notice to each owner of land within one-quarter mile radius of the well site, that we have applied for a permit to perform this work.

Therefore, as a landowner within the prescribed radius, we are hereby informing you that we have applied to the MBOGC for a permit to convert the subject well to injection. You may comment on the application at any time by mail or phone before the hearing or be present at the hearing. The hearing will be held on Thursday December 8, 2022 at the Board of Oil & Gas in the Conservation Hearing Room. It is located at 2535 St. Johns Avenue, Billings, Montana 59102.

For further information, contact Naomi Johnson at (972) 673-2552 or Ben Jones of the MBOGC at (406) 656-0040.

Sincerely,

Naomi Johnson
Regulatory Compliance Specialist
Denbury Onshore, LLC



91 7199 9991 7036 0292 8498

PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT OF THE RETURN ADDRESS FOLD AT DOTTED LINE
CERTIFIED MAIL



91 7199 9991 7036 0292 8498

October 27, 2022

State of Montana
1625 11th Ave.
Helena, MT 59601-4600

RE: Cabin Creek Field
Cabin Creek CH33X-17H
Section 17, T10N-R58E
Fallon County, MT

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OCT 31 2022

MONTANA BOARD OF OIL &
GAS CONSERVATION • BILLINGS

Dear Surface Land Owner,

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For further information, contact Naomi Johnson at (972) 673-2552 or Ben Jones of the MBOGC at (406) 656-0040.

Sincerely,

Naomi Johnson
Regulatory Compliance Specialist
Denbury Onshore, LLC

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OCT 31 2022

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)
Denbury Onshore, LLC)
for a Permit to Convert the Subject New Drill to Water Injection Use.)
NOTICE OF INTENTION TO APPLY FOR A CLASS II INJECTION WELL PERMIT

1. Name and address of Applicant:

Denbury Onshore, LLC
5851 Legacy Circle, Suite 1200
Plano, TX 75024

2. Legal Description including County and Approximate Footages of Surface Location of Proposed Oil and Gas Well: (and projected bottom-hole location, if a directional or horizontal well)

Cabin Creek CH31-17SH Location: NW - NE, 1234' FNL & 2269' FEL, Sec. 17, T10N-R58E Fallon County, MT.

3. Source of fluids to be injected:

Produced Water from Denbury Onshore, LLC Operations located in the Cabin Creek Field.

4. Zone or formation, including depth, into which fluid will be injected.

Madison Formation at approximately 6968'-7370'.

5. Statement that an Aquifer Exemption will or will not be requested.

An Aquifer Exemption will be requested.

Notice is hereby given that an application for a Class II injection Well Permit at the surface location set forth above will be filed with the Montana Board of Oil and Gas Conservation. Pursuant to Rules 36.22.1409, Administrative Rules of Montana, a public hearing will be held regarding said application. The hearing will be held at the Board of Oil & Gas in the Conservation Hearing Room, Billings, Montana on Thursday, December 8, 2022. An interested party may demand opportunity to be heard by the Montana Board of Oil and Gas Conservation concerning said application.

Montana Board of Oil and Gas Conservation

2535 St. Johns Avenue

Billings MT 59102

Office: (406) 656-0040

Fax: (406) 655-6015

Naomi Johnson

Subject: FW: [EXT] Re: Legal Notice for Publication - Cabin Creek CH31-17SH

From: Fallon Co Times <fctimes@midrivers.com>
Sent: Tuesday, October 11, 2022 1:38 PM
To: Naomi Johnson <naomi.johnson@denbury.com>
Subject: [EXT] Re: Legal Notice for Publication - Cabin Creek CH31-17SH

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OCT 31 2022

MONTANA BOARD OF OIL &
GAS CONSERVATION • BILLINGS

Naomi, we will get it in the paper this week (10/14/2022). Thanks, Tina

Fallon Co Times
P.O. Box 679
Baker, MT. 59313
406-778-3344
fctimes@midrivers.com

On Oct 11, 2022, at 12:26 PM, Naomi Johnson <naomi.johnson@denbury.com> wrote:

GOOD AFTERNOON!

PLEASE HAVE THE ATTACHED LEGAL NOTICE PUBLISHED IN YOUR PAPER AS SOON AS POSSIBLE.
PLEASE SEND A SIGNED AND DATED AFFADAVIT TO THE MONTANA BOARD OF OIL & GAS
CONSERVATION (ATTN: BEN JONES) ATTESTING TO THE PUBLICATION OF THE NOTICE, ALONG WITH A
PUBLISHED COPY OF THE NOTICE.
THE BOARD'S MAILING ADDRESS IS:

MBOGC
ATTN: BEN JONES
2535 ST. JOHNS AVE.
BILLINGS, MT 59102

PLEASE BILL ALL CHARGES FOR YOUR SERVICES TO MY ATTENTION:

DENBURY ONSHORE, LLC
ATTN: NAOMI JOHNSON
5851 LEGACY CIRCLE, SUITE 1200
PLANO, TX 75024

IF YOU HAVE ANY QUESTIONS OR IF ANYTHING ELSE IS NEEDED BEFORE THIS CAN BE PUBLISHED PLEASE
DON'T HESITATE TO CONTACT ME!

THANKS!

Naomi Johnson
Regulatory Compliance Specialist | North Region
Denbury Onshore, LLC | 5851 Legacy Circle | Plano, TX 75024
Office: 972-673-2552 | Email: naomi.johnson@denbury.com

Customer Ad Proof

102-60119774 Denbury Onshore, LCC

Order Nbr 128164

Publication **Helena Independent Record**

Contact Denbury Onshore, LCC
Address 1 5851 LEGACY CIRCLE
Address 2
City St Zip PLANO TX 75024
Phone 9726732552
Fax

PO Number
Rate HEL Legal Open
Order Price 176.32
Amount Paid 0.00
Amount Due 176.32

Section Legal
SubSection
Category 0701 Legals Helena

Start/End Dates 10/13/2022 - 10/13/2022
Insertions 1
Size 88

Ad Key 128164-1
Keywords Cabin Creek CH31-17SH Notice

Salesperson(s) HEL Legals
Taken By Jamie Narjes

Notes

Ad Proof

**BEFORE THE BOARD OF OIL AND GAS CONSERVATION
OF THE STATE OF MONTANA**
In the Matter of the application of
Denbury Onshore, LLC
for a Permit to Convert the Subject New Drill to Water Injection
Use.
NOTICE OF
INTENTION TO APPLY
FOR A CLASS II INJECTION
WELL PERMIT
1. Name and address of Applicant:
Denbury Onshore, LLC
5851 Legacy Circle, Suite 1200
Plano, TX 75024
2. Legal Description including County and Approximate Footages
of Surface Location of Proposed Oil and Gas Well: (and
projected bottom-hole location, if a directional or horizontal well)
**Cabin Creek CH31-17SH Location: NW - NE, 1234' FNL &
2269' FEL, Sec. 17, T10N-R58E Fallon County, MT.**
3. Source of fluids to be injected:
**Produced Water from Denbury Onshore, LLC Operations
located in the Cabin Creek Field.**
4. Zone or formation, including depth, into which fluid will be
injected.
Madison Formation at approximately 6968'-7370'.
5. Statement that an Aquifer Exemption will or will not be
requested.
An Aquifer Exemption will be requested.
Notice is hereby given that an application for a Class II injection
Well Permit at the surface location set forth above will be filed
with the Montana Board of Oil and Gas Conservation. Pursuant
to Rules 36.22.1409, Administrative Rules of Montana, a public
hearing will be held regarding said application. The hearing will
be held at the Board of Oil & Gas in the Conservation Hearing
Room, Billings, Montana on **Thursday, December 8, 2022**. An
interested party may demand opportunity to be heard by the
Montana Board of Oil and Gas Conservation concerning said
application.
Montana Board of Oil and Gas Conservation
2535 St. Johns Avenue
Billings MT 59102
Office: (406) 656-0040
Fax: (406) 655-6015
October 13, 2022 128164 MNAXLP

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GAS CONSERVATION - BILLINGS

Customer Ad Proof

102-60119774 Denbury Onshore, LCC

Order Nbr 128167

Publication Billings Gazette
Contact Denbury Onshore, LCC
Address 1 5851 LEGACY CIRCLE STE 1200
Address 2
City St Zip PLANO TX 75024
Phone 9726732552
Fax

PO Number
Rate BIL Legal Open
Order Price 177.76
Amount Paid 0.00
Amount Due 177.76

Section Legal
SubSection
Category 0750 LEGAL NOTICES MNAXLP

Start/End Dates 10/13/2022 - 10/13/2022
Insertions 1
Size 61

Ad Key 128167-1
Keywords Cabin Creek CH31-17SH Notice

Salesperson(s) BIL Legals LGL1
Taken By Jamie Narjes

Notes

Ad Proof

BEFORE THE BOARD OF OIL AND GAS CONSERVATION OF THE STATE OF MONTANA
In the Matter of the application of **Denbury Onshore, LLC** for a Permit to Convert the Subject New Drill to Water Injection Use.
NOTICE OF INTENTION TO APPLY FOR A CLASS II INJECTION WELL PERMIT
1. Name and address of Applicant:
Denbury Onshore, LLC
5851 Legacy Circle, Suite 1200
Plano, TX 75024
2. Legal Description including County and Approximate Footages of Surface Location of Proposed Oil and Gas Well: (and projected bottom-hole location, if a directional or horizontal well)
Cabin Creek CH31-17SH Location: NW - NE, 1234' FNL & 2269' FEL, Sec. 17, T10N-R58E Fallon County, MT.
3. Source of fluids to be injected:
Produced Water from Denbury Onshore, LLC Operations located in the Cabin Creek Field.
4. Zone or formation, including depth, into which fluid will be injected.
Madison Formation at approximately 6968'-7370'.
5. Statement that an Aquifer Exemption will or will not be requested.
An Aquifer Exemption will be requested.
Notice is hereby given that an application for a Class II Injection Well Permit at the surface location set forth above will be filed with the Montana Board of Oil and Gas Conservation. Pursuant to Rules 36.22, 1409, Administrative Rules of Montana, a public hearing will be held regarding said application. The hearing will be held at the Board of Oil & Gas in the Conservation Hearing Room, Billings, Montana on **Thursday, December 8, 2022**. An interested party may demand opportunity to be heard by the Montana Board of Oil and Gas Conservation concerning said application.
Montana Board of Oil and Gas Conservation
2535 St. Johns Avenue
Billings MT 59102
Office: (406) 656-0040
Fax: (406) 655-8015
October 13, 2022 128167

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MONTANA BOARD OF OIL & GAS CONSERVATION • BILLINGS

Water Analysis Report

Attention: Ernest.Scheetz@ecolab.com

Location Code: 109358

Sample ID: AM10207

Login Batch: 2018-12-13-001-45-EWEAC

Collection Date: 12/11/2018

Receive Date: 12/13/2018

Report Date: 12/17/2018

Customer: DENBURY ONSHORE LLC

Region: Cabin Creek Field

Location: Section 17

System: Water Flood Injection System

Equipment: Section 17

Lab ID: ABU-0045

Sample Point: Charge Pump

Analyses	Result	Unit
Dissolved CO2	44	mg/L
Dissolved H2S	15.3	mg/L
pH	7.0	
Pressure	90	psi
Temperature	125	° F

Analyses	Result	Unit
Bicarbonate	207.4	mg/L
Carbonate	Not Detected	mg/L
Conductivity (Calculated)	91218	µS - cm3
Ionic Strength	1.09	
Resistivity	0.110	ohms - m
Specific Gravity	1.046	
Total Dissolved Solids	58380.12	mg/L

Cations	Result	Unit
Iron	0.863	mg/L
Manganese	0.047	mg/L
Barium	0.946	mg/L
Strontium	108.8	mg/L
Calcium	2381	mg/L
Magnesium	349.5	mg/L
Sodium	19605.56	mg/L

Anions	Result	Unit
Chloride	34755	mg/L
Sulfate	971	mg/L

Scale Type	Result
Anhydrite CaSO4 SI	-0.58
Barite BaSO4 PTB	0.3
Barite BaSO4 SI	0.34
Calcite CaCO3 PTB	21.4
Calcite CaCO3 SI	0.18
Celestite SrSO4 SI	-0.02
Gypsum CaSO4 SI	-0.61
Hemihydrate CaSO4 SI	-0.61

Saturation Index Calculation (Tomson-Oddo Model)

Comments

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MONTANA BOARD OF OIL & GAS CONSERVATION - BILLINGS

An Ecolab Company

Water Analysis Report

Attention: **Marty.Setinc@ecolab.com**

Location Code: **399215**

Sample ID: **AM20094**

Login Batch: **2019-01-04-001-45-SWFMM**

Collection Date: **01/03/2019**

Receive Date: **01/04/2019**

Report Date: **01/07/2019**

Customer: **DENBURY ONSHORE LLC**

Region: **Cabin Creek Field**

Location: **Baker, MT**

System: **Production**

Equipment: **CH 31-17SH**

Lab ID: **ABU-0045**

Sample Point: **Wellhead**

Analyses	Result	Unit
Dissolved CO2	22	mg/L
Dissolved H2S	1.7	mg/L
pH	7.5	
Pressure	60	psi
Temperature	72	° F

Analyses	Result	Unit
Bicarbonate	305	mg/L
Carbonate	Not Detected	mg/L
Conductivity (Calculated)	27837	µS - cm3
Ionic Strength	0.33	
Resistivity	0.359	ohms - m
Specific Gravity	1.013	
Total Dissolved Solids	17835.74	mg/L

Cations	Result	Unit
Iron	20.02	mg/L
Manganese	0.311	mg/L
Barium	0.093	mg/L
Strontium	16.78	mg/L
Calcium	473.4	mg/L
Magnesium	97.23	mg/L
Sodium	6064.91	mg/L

Anions	Result	Unit
Chloride	8893	mg/L
Sulfate	1965	mg/L

Scale Type	Result
Anhydrite CaSO4 SI	-1.10
Barite BaSO4 PTB	0.0
Barite BaSO4 SI	0.47
Calcite CaCO3 PTB	20.5
Calcite CaCO3 SI	0.13
Celestite SrSO4 SI	-0.18
Gypsum CaSO4 SI	-0.73
Hemihydrate CaSO4 SI	-0.59

Saturation Index Calculation (Tomson-Oddo Model)

Comments

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DEPARTMENT OF NATURAL RESOURCES
AND CONSERVATION
BOARD OF OIL AND GAS CONSERVATION



GREG GIANFORTE, GOVERNOR

OIL AND GAS CONSERVATION DIVISION

STATE OF MONTANA

November 4, 2022

Patrick Montalban, President
Montalban Oil & Gas Operations, Inc.
PO Box 200
Cut Bank, MT 59427

Re: Pending Notice of Intent to Change Operator and Request to Appear

Dear Montalban Oil & Gas Operations, Inc.:

The Board of Oil and Gas Conservation (Board) recently received an email with an anticipated change operator request from Croft Petroleum Co. to Montalban Oil & Gas Operations, Inc. (MOGO). The official Notice of Intent to Change Operator request has not yet been received by the Board and must be received prior to the December 8, 2022, public hearing

The request and the approval of the request will result in 5 or more inactive wells on MOGO's multiple well bond. Due to the Board's transfer of plugging and reclamation policy, the approval of the change of operator request is being referred to the Board. The policy is enclosed. MOGO is requested to appear at the December 8, 2022, public hearing. At that time, the Board will determine if MOGO's current bonding is adequate prior to the approval of the change of operator request. MOGO and its attorney should review the enclosed policy for the suggested information to provide to the Board.

Please take note that corporations, partnerships, limited-liability companies (LLCs), or any other legal entity that is not a natural person cannot appear before the Board except through an attorney licensed to practice law in the State of Montana. Failure of a designated and duly licensed legal representative to appear at the time and place identified in this hearing notice may result in imposition of sanctions for failure to appear before the Board.

If you have any questions, please contact me at (406) 656-0040 or at bjones@mt.gov.

Sincerely,

A handwritten signature in blue ink, appearing to read "Benjamin Jones".

Benjamin Jones
Administrator / Petroleum Engineer

cc: Croft Petroleum Co.

DIVISION OFFICE
1539 11th AVENUE
PO BOX 201601
HELENA, MONTANA 59620-1601
(406) 444-6731

TECHNICAL AND
SOUTHERN FIELD OFFICE
2535 ST. JOHNS AVENUE
BILLINGS, MONTANA 59102-4693
(406) 656-0040

NORTHERN FIELD OFFICE
201 MAIN STREET
PO BOX 690
SHELBY, MONTANA 59474-0690
(406) 434-2422

130-2022

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

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Notice of Intent to Change Operator

The undersigned Transferor hereby notifies the Board of Oil and Gas Conservation of its intention to transfer ownership and/or operation of the following wells to the undersigned Transferee:

MONTANA BOARD OF OIL & GAS CONSERVATION • BILLINGS

Lease Name: **Various- See Attached**

Lease type:(Private, State, Federal, Indian)
Private, State, Federal, Indian

County: **Glacier and Toole**

Field name: **See Attached**

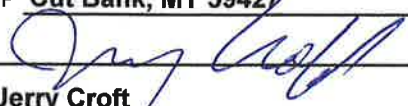
Description of wells: Include API well number, well name and number, and exact location of the well including Township, Range, Section, quarter-quarter and footage measurements, and lease type . (Federal, Indian, Private, State) Attach additional sheets as necessary.


Number of Wells to be Transferred: 39

Effective Date of Transfer: 1-Oct-22

Transferor's Statement:
I hereby designate the Transferee named herein as the owner and/or operator of record of the above described well(s). I acknowledge that the Transferor continues to be responsible for said well(s) and all associated equipment and facilities until such time as this transfer is approved by the Montana Board of Oil and Gas Conservation. I certify that the information contained herein is true and correct:

Transferee's Statement:
I hereby accept the designation of operator/owner for the above described well(s). I understand that this transfer will not be approved until the Transferee has complied with the Board's bonding requirements. I acknowledge that under Section 82-11-101 MCA, the Transferee herein is responsible for the costs of proper plugging and restoration of the surface of the well(s) described above. I certify that the information contained herein is true and correct:

Company Croft Petroleum Co.
Street Address 214 N. Central Ave.
P.O. Box P.O. Box 397
City, State, ZIP Cut Bank, MT 59427
Signed 
Print Name Jerry Croft
Title President
Telephone (406) 873-5547
Date 2-Nov-22

Company Montalban Oil and Gas Operations
Street Address 33 1st Ave. SW
P.O. Box P.O. Box 200
City, State, ZIP Cut Bank, MT 59427
Signed 
Print Name Patrick Montalban
Title President
Telephone (406) 873-2235
Date _____

BOARD USE ONLY

Approved _____
Date _____
Name _____ Title _____

Field Office Review Date Initial
Inspection _____
Records Review _____
Operations _____

Oper. No. _____ Bond No. _____

Oper No. _____ Bond No. _____

Instructions for Form 20

RECEIVED

This form is used to change the Operator of Record for wells. Complete the front portion of this form as indicated.

To transfer a number of wells please type: "See attached list" in the **Description of Wells** area and include the list of wells as an attachment.

NOV 9 11 2002
MONTANA BOARD OF OIL &
GAS CONSERVATION • BILLINGS

The list of wells should be separated by lease and sorted by Township, Range, and Section. Wells should be identified as Federal, Indian, Private, or State under lease type. Injection/SWD wells should be identified as such. Plugged and Abandoned wells should not be included for transfer. The list should be in the following format:

API Number Lease Name Well Number Twp. Rge. Sec. Qtr Qtr Footage Lease Type

The form must be signed by both the current owner/operator (transferor) and the proposed new owner/operator (transferee). The current operator of record will continue to be responsible for any wells and associated equipment or facilities until the transfer is approved by an authorized agent of the Montana Board of Oil and Gas Conservation.

For large change of operator submissions, if possible, please include a diskette containing the data list.

The Montana Board of Oil and Gas Conservation may withhold approval of the transfer until the well(s) made the subject of this form is (are) in substantial compliance with all applicable Board rules. All production reports, notices, forms, logs, samples, or other information required by Board law, rule, or order must be on file with the Board. The transferee must be in compliance with the Board's bonding requirements, as provided in Rules 36.22.1308 and 1408 ARM, before the transfer can be approved. A copy of the approved or disapproved Form 20 will be returned to each party.

Parties transferring wells are advised that the identity of responsible persons as defined by Section 82-11-101, MCA, will be determined by the Board's records.

If this form relates to a proposed change in the operator of record for a State of Montana oil and gas lease issued by the Montana Board of Land Commissioners, the parties should send a separate copy of this form to the Montana Department of Natural Resources and Conservation, Trust Lands Management Division, Minerals Management Bureau, 1625 Eleventh Avenue, P.O. Box 201601, Helena Montana 59620-1601.

The proposed new operator should have a current copy of the rules and laws of the Montana Board of Oil and Gas Conservation. Copies of the rules and laws may be obtained from any Board office, or are available on the Internet at <http://www.bogc.dnrc.mt.gov>.

NOTICE: False or inaccurate information can void the transfer of a well or wells to another operator's bond. Be sure to verify the accuracy of all well descriptions and other information supplied with this form.

BOARD USE ONLY

CONDITIONS OF APPROVAL

CHANGE OF OPERATOR - CROFT TO MOGO

API #	Well_Nm	Field	Wh_Sec	Wh_TR	Wh_Qtr	Wh_FtNS	Wh_NS	Wh_FtEW	Wh_EW	DTD	Type LSE
25-035-07055-00-00	4-1 (MUNTZ>1-A)	Blackfoot, East	2	37N-6W	SW NE SW	1525 S		1220 W		3577	Private\
25-035-21782-00-00	Brindley 6	Cut Bank	1	36N-6W	SE NW SE	1952 S		1724 E		3278	Private\
25-035-06803-00-00	BRINDLEY 3	Cut Bank	1	36N-6W	C SE	1444 S		1317 E		3141	Private\
25-035-06796-00-00	BRINDLEY 5	Cut Bank	1	36N-6W	SW SE	660 S		1980 E		3175	Private\
25-101-21973-00-00	Buckley 2	Border	11	37N-4W	C NW NW	660 N		660 W		2580	Private\
25-035-08701-00-00	Clark 1	Cut Bank	3	34N-6W	C SW NW	1980 N		660 W		3036	Private\
25-035-06293-00-00	Clark 1	Cut Bank	34	35N-6W	SW NW	1980 N		660 W		2978	Private\
25-035-06280-00-00	Clark 2	Cut Bank	34	35N-6W	NW SW	1980 S		660 W		3015	Private\
25-035-06241-00-00	Exchange 1	Cut Bank	3	34N-6W	SE NW NW	990 N		990 W		2975	Private\
25-035-21921-00-00	Federal 1-5	Blackfoot	11	37N-6W	SW NE	2408 N		1873 E		3624	Fed
25-035-21390-00-00	Federal 43-26	Bradley	26	37N-6W	W2 NE SE	1980 S		990 E		3467	Fed
25-035-21618-00-00	FEDERAL 2-2	Blackfoot	11	37N-6W	NE SE SW	1016 S		3166 E		3425	Fed
25-035-05828-00-00	Fee A 1	Cut Bank	1	33N-6W	C SE SE	660 S		660 E		3228	Private\
25-035-22204-00-00	Flat Iron 1-8-32-12	Flat Iron	8	32N-12W	SW SE	988 S		1427 E		8671	Private\
25-035-60015-00-00	Gov't 1-3	Blackfoot	11	37N-6W	SW NW SE	1787 S		2173 E		3486	Fed.
25-035-07005-00-00	GOV'T 1-2X	Blackfoot	11	37N-6W	SW SW NE	2135 N		2237 E		3605	Fed.
25-101-21061-00-00	Iowa Holding Co. 2	Border	11	37N-4W	NW NE	610 N		1930 E		2584	Private\
25-035-06800-00-00	Merchants Trust 1	Cut Bank	6	36N-5W	C SW SW	660 S		589 W		3136	Private\
25-035-08694-00-00	Mueller 1	Cut Bank	2	35N-6W	NW NW SW	2310 S		375 W		3009	Private\
25-035-06550-00-00	Mueller 2	Cut Bank	2	35N-6W	SE NW SW	1650 S		990 W		2900	Private\
25-035-21443-00-00	MUNTZ#3	Blackfoot	2	37N-6W	NE SW SW	990 S		990 W		2756	Private\
25-035-07037-00-00	Muntzing 4-2	Blackfoot	2	37N-6W	SW SE SW	330 S		1200 W		3628	Private\
25-035-06995-00-00	Muntzing 7-2	Blackfoot, East	11	37N-6W	SW NE SW	1980 S		1749 W		3474	Private\
25-035-21680-00-00	Muntzing 7-4	Blackfoot	11	37N-6W	NE NE SW	2375 S		2750 E		3464	Private\
25-035-07006-00-00	Muntzing B-3	Blackfoot, East	11	37N-6W	SE NW	1980 N		1321 W		3570	Private\
25-035-07028-00-00	MUNTZING #6-1	Blackfoot	11	37N-6W	C NE NW	660 N		1980 W		3542	Private\
25-035-21842-00-00	MUNTZING 6-2	Blackfoot	11	37N-6W	SE NE NW	990 N		1945 W		4975	Private\
25-035-07003-00-00	MUNTZING 7-1	Blackfoot	11	37N-6W	SE SE NW	2310 N		2067 W		3496	Private\
25-035-21929-00-00	MUNTZING 7-5	Blackfoot	11	37N-6W	SE NW	1465 N		2434 W		3510	Private\
25-035-21323-00-00	Neraal 2	Cut Bank	21	32N-5W	N2 NE SE	2310 S		660 E		2820	Private\
25-035-05212-00-00	NERAAL 1	Cut Bank	21	32N-5W	C NW SE	1980 S		1980 E		2850	Private\
25-035-21359-00-00	NERAAL 3	Cut Bank	21	32N-5W	NE SW SE	990 S		1650 E		2821	Private\
25-035-21249-00-00	Spring Creek 1	Cut Bank	35	33N-6W	C NE SE	1980 S		660 E		3157	Fed/Indian
25-035-07290-00-00	TRIBAL G-1	Cut Bank	3	32N-6W	C NE NE	660 N		660 E		3495	Fed/Indian
25-035-22119-00-00	Two Medicine 1-2	East Glacier	2	31N-12W	SW SW	892 S		1236 W		11300	Fed/Indian
25-035-21629-00-00	USA 1-4	Blackfoot	11	37N-6W	SE NW SE	1411 S		1870 E		3533	Fed
25-035-06976-00-00	Vasboe 8-1	Blackfoot	11	37N-6W	NW SW SE	853 S		2173 E		3437	Private\
25-035-06953-00-00	Vasboe 9-1	Blackfoot Gas	14	37N-6W	NE NW NE	450 N		1770 E		3449	Private\
25-101-21537-00-00	US Govt #1	Border	1	37N-4W	NENE	263 N		560 E		2660	Fed

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