ARM 36.22.307, 601, 605 1003, 1004, 1011, 1013 1103, 1222, 1240, 1301 1306, 1309, and 1417

Submit In Quadruplicate To:

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

	I INDRY NOTICES AN							
Operator Denbury Onshore I	SUNDRY NOTICES AN	D REPO	RT OF WELLS					
Operator Denbury Onshore, L	LC		Lease Name: Coral Creek					
Address 5851 Legacy Circle,	Suite 1200							
City Plano State			Lease Type (Private/State/Federal): Fee	IVE				
Telephone Number (972) 673-	2000 Fax Number ()		Well Number: 24-33 MAR	0 4 2021				
Location of Well (1/4-1/4 section and	footage measurements):			7 2021				
SE-SW 660' FSL & 1930' FWL, Se			Unit Agreement Name: Coral Creek Unit SERVATION • BIL					
P1			Field Name or Wildcat:					
If directionally or horizontally drilled above	and the state of t		Lookout Butte					
If directionally or horizontally drilled, show API Number:			Section, Township, and Range:					
	Well Type (oil, gas, injectio	n, other):	Sec 33, T7N - R60E	=				
25 025 05164 State County Well	Oil		County: Fallon, MT					
Indicate below with an X the nature of	this notice, report, or other da	ta:						
Describe planned or completed work in necessary. Indicate the intended starti	chemically Treat ing ing itus Describe Proposed or Co detail. Attach maps, well-bor ing date for proposed operation ert the subject well to injection delena independent Record	Subsequer ompleted Or e configurations or the coron in the Re	tion diagrams, analyses, or other informati mpletion date for completed operations. ed River formation. Public Notice has b	22)				
BOARD USE	ONLY] [
ApprovedDate	•	3/2/	pplication is true and correct: 2/2021 Date Signed (Agent) Physical Signed (Agent) Signed - Regulatory Compliance Specialist	contained				
Name	Title	1440/11/30	Print Name & Title					

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.

Township 7N 33

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.

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

Denbury Onshore, LLC Well No. Coral Creek 24-33 Lookout Butte Field Section 33, T7N-R60E Fallon, 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):

Larry & Cynthia Singer PO Box 514 Baker, MT 59313

Robert & Joyce Nelson 134 N. Cedar Dr. Kalispell, MT 59901-2954

Robert Singer PO Box 738 Baker, MT 59313-0738

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

Fallon County Times P.O. Box 679 Baker, Montana 59313

Billings Gazette 401 N Broadway Billings, MT 59101

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 Injection into the subject well.

Existing Well Bores within the AOR

There are two existing wellbores that fall within the ¼ mile radius of the Coral Creek 24-33. Down hole schematics for these well bores are attached.

Coral Creek 14-33 (25-025-21927) is an active producer in the Siluro-Ordovician unit.

Coral Creek 34-33 (25-025-22395) is an active producer in the Siluro-Ordovician unit.

Corrective Action Proposal

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

Formation Tops

Formation	MD (ft)*
Greenhorn	3077
Newcastle	3813
Piper Formation	5107
Spearfish Formation	5352
Minnekahta Limestone	5890
Heath	6336
Otter Formation	6440
Kibbey	6536
Charles A	6650
Charles B	6767
Lodgepole	7593
Silurian Undifferentiated	8199
Stony Mountain	8498
Red River	8658

*KB Elevation 3090'

Injection Pressures (Minnelusa)

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 = 8708'

S.G. of Injection Fluid = Approximately 1.005

Fracture Gradient = Approximately 0.733 psi/ft

Surface Fracture Pressure = [0.733 psi/ft x 8708'] – [1.005 x 0.433 psi/ft x 8708'] = 6383 psi – 3789 psi = 2594 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 2594 psi, the fracture pressure at the Red River 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.

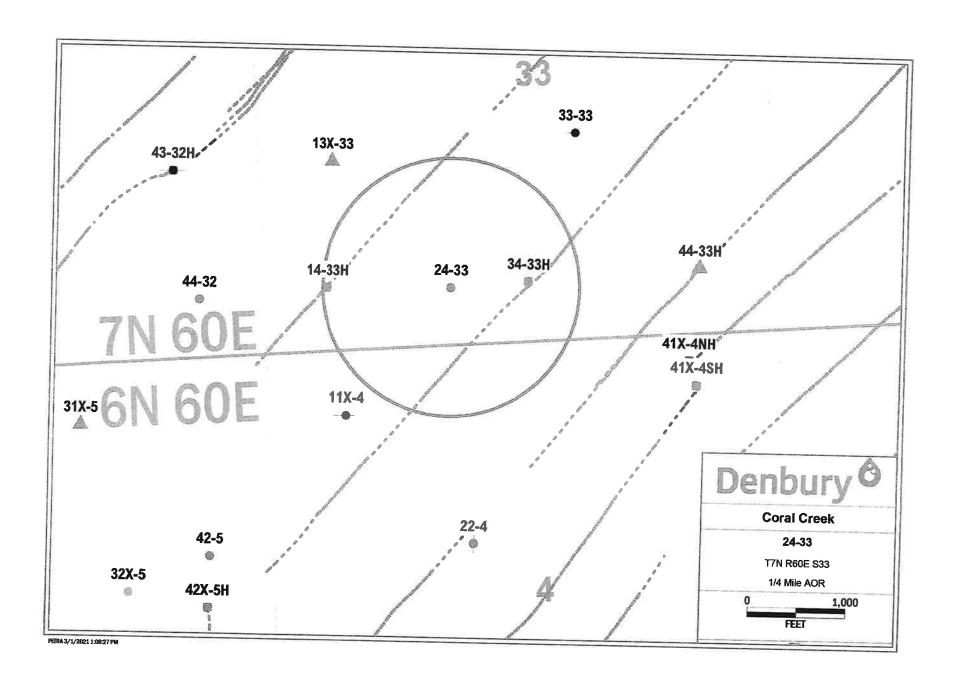
Injected fluids into the subject well will be field salt-water from the Lookout Butte Unit. A representative analysis of the injectate is attached.

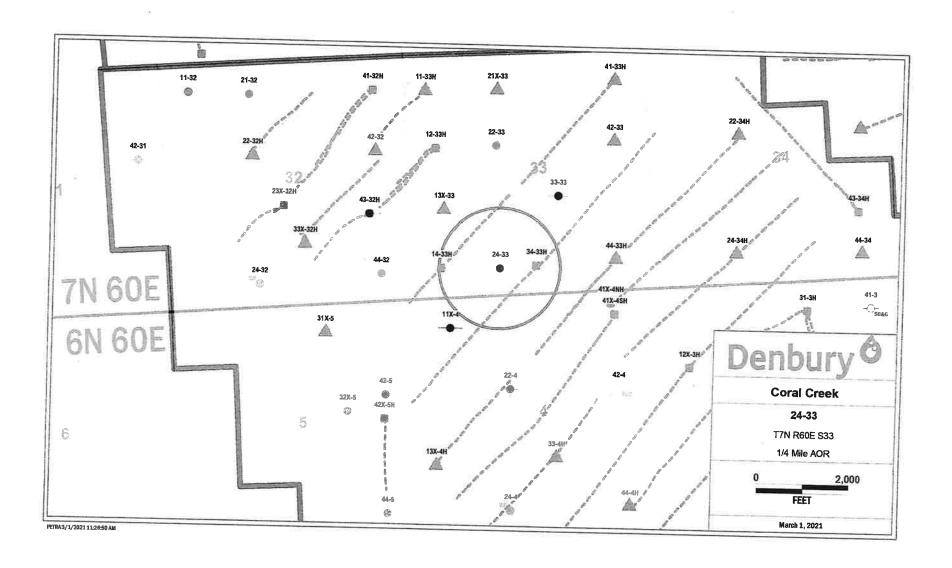
Conversion Procedures

The Coral Creek 24-33 is currently a producer in the Siluro-Ordovician 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 of the actual onsite conversion operations.

Aquifer Exemption

An Aquifer Exemption is being requested.





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

March 2, 2021

Robert & Joyce Nelson 134 N. Cedar Dr. Kalispell, MT 59901

RE:

Lookout Butte Field Coral Creek 24-33 Section 33, T7N-R60E Fallon County, MT

Dear Robert & Joyce Nelson,

Within the Lookout Butte Field, Denbury Onshore, LLC plans to convert the Coral Creek 24-33 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 April 8, 2021 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) 673-2000 or George Hudak of the MBOGC at (406) 656-0040.

Sincerely,

Naomi Johnson

Regulatory Compliance Specialist

noer JMMM-

Denbury Onshore, LLC

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

March 2, 2021

Robert Singer PO Box 738 Baker, MT 59313

RE:

Lookout Butte Field Coral Creek 24-33 Section 33, T7N-R60E Fallon County, MT

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Sincerely,

Naomi Johnson

Regulatory Compliance Specialist

Null JIMM

Denbury Onshore, LLC

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

March 2, 2021

Larry & Cynthia Singer PO Box 514 Baker, MT 59313

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Sincerely,

Naomi Johnson

Regulatory Compliance Specialist

Nulli MMM

Denbury Onshore, LLC

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

In the Matter of the application of)	NOTICE OF
Denbury Onshore, LLC)	INTENTION TO APPLY
Bendary Onshore, LLC)	FOR A CLASS II INJECTION
for a Permit to Convert on Fried's My)	WELL PERMIT
for a Permit to Convert an Existing Well to Water Injection Use.)	

 Name and address of Applicant: Denbury Onshore, LLC 5851 Legacy Circle, Suite 1200 Plano, TX 75024

 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)

Coral Creek 24-33 Location: SE-SW, 660' FSL & 1930' FWL, Sec. 33 T7N-R60E, Fallon County, MT.

3. Source of fluids to be injected:

Produced Water from Denbury Onshore, LLC Operations located in the Lookout Butte Field.

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

Red River Formation at approximately 8658' - 8930'.

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**, **April 8**, **2021**. 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

Customer Ad Proof

60119774 Denbury Onshore, LCC

Order Nbr 33940

Publication	Helena Independent Record		
Contact	Denbury Onshore, LCC	PO Number	
Address 1	5851 LEGACY CIRCLE		
Address 2		Rate	HEL Legal Open
City St Zip	PLANO TX 75024	Order Price	200.89
Ony of Zip	PLANO 1X 75024	Amount Paid	0.00
Phone	9726732552	Amount Du	
Fax		Amount Due	200.89
Section	Legal	Start/End Dates	
SubSection			02/26/2021 - 02/26/2021
Category	0701 0701	Insertions	1
	0701 Legals Helena	Size	101
Ad Key	33940-1	Saloanaraan(a)	
Keywords	BEFORE THE BOARD OF OIL AND GA	Salesperson(s)	Helena Legals
	STE THE BOARD OF OIL AND GA	Taken By	John Horn
Notes			

Ad Proof

BEFORE THE BOARD OF OIL AND GAS CONSERVATION
OF THE STATE OF MONTANA
NOTICE OF INTENTION TO APPLY FOR A CLASS II
INJECTION WELL PERMIT
In the Matter of the application of
Denbury Onshore, LLC
for a Permit to Convert an Existing Well to Water Injection Use.

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)
Coral Creek 24-33 Location: SE-SW, 660' FSL & 1930' FWL,
Sec. 33 T7N-R60E, Fallon County, MT.
3. Source of fluids to be injected:
Produced Water from Denbury Onshore, LLC Operations located in the Lookout Butte Field.
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Montana Board of Oil and Gas Conservation

2535 St. Johns Avenue Billings MT 59102 Office: (406) 656-0040 Fax: (406) 655-6015 February 26, 2021 MNAXLP

Customer Ad Proof

60119774 Denbury Resources, INC

Order Nbr 33878

Billings Gazette		
Denbury Resources, INC	PO Number	
		BIL Legal Open
DI ANO TY 7500 4	Order Price	194.92
	Amount Paid	0.00
	Amount Due	194.92
Legal	Start/End Dates	00/00/0004
		02/26/2021 - 02/26/2021
0750 LEGAL NOTICES MNAVID		1
	Size	67
33878-1		
BEFORE THE BOARD OF OU AND OA		BIL Transient Default C99
SALE THE BOARD OF OIL AND GA	Taken By	Tammy Ward
	Denbury Resources, INC 5320 LEGACY DR PLANO TX 75024 9726732552 Legal 0750 LEGAL NOTICES MNAXLP	Denbury Resources, INC

Ad Proof

60119774 **Denbury Resources, INC**

Order Nbr 33878

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 an Existing Well to Water Injection Use

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

Name and address of Applicant: Denbury Onshore, LLC 5851 Legacy Circle, Suite 1200 Plano, TX 75024

Legal Description including County and Approximate Footages of Surface Location of Proposed Oil and Gas Well: Weii: (and projected bottom-hole location, if a directional or horizontal well) Coral Creek 24-33 Location: SE-SW, 660° FSL & 1930° FWL, Sec. 33 T7N-R60E, Fallon County, MT.

- Source of fluids to be injected:
 Produced Water from Denbury
 Onshore, LLC Operations located in
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Montana Board of Oil and Gas Conservation 2535 St. Johns Avenue Billings MT 59102

Office: (406) 656-0040

Fax: (406) 655-6015

Naomi Johnson

From:

Fallon County Times <fctimes@midrivers.com>

Sent:

Wednesday, February 24, 2021 2:37 PM

To:

Naomi Johnson

Subject:

[EXT] Re: LEGAL NOTICE FOR PUBLICATION - CORAL CREEK 24-33

Follow Up Flag:

Follow up

Flag Status:

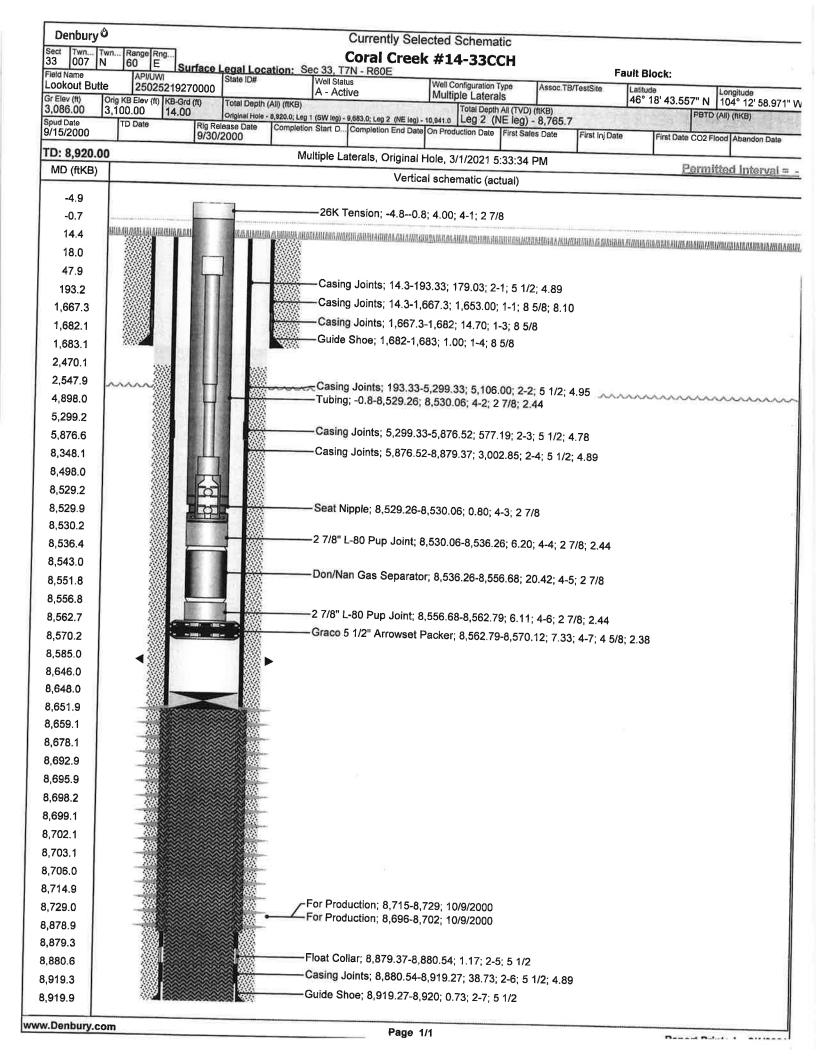
Flagged

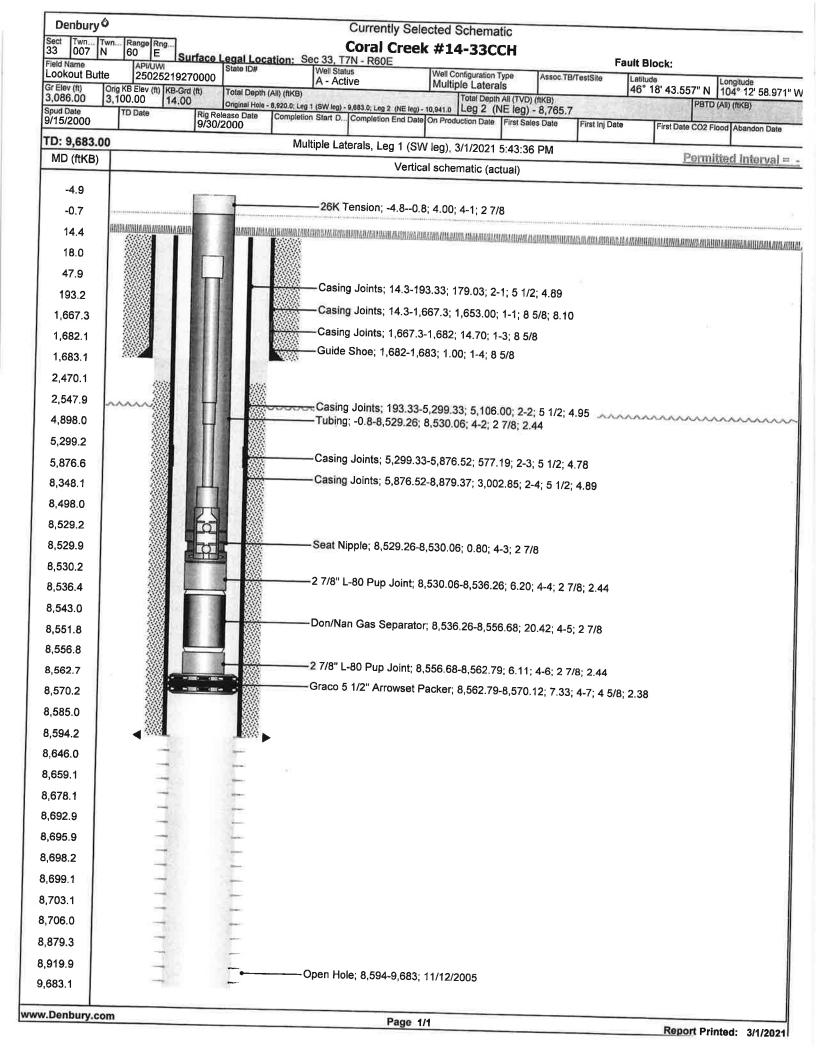
Naomi, Our paper is done for this week, so it will have to go in next weeks paper March 5, 2021. We will run it one time, and after that I will get an affidavit sent to you. Thank you, Tina Rost

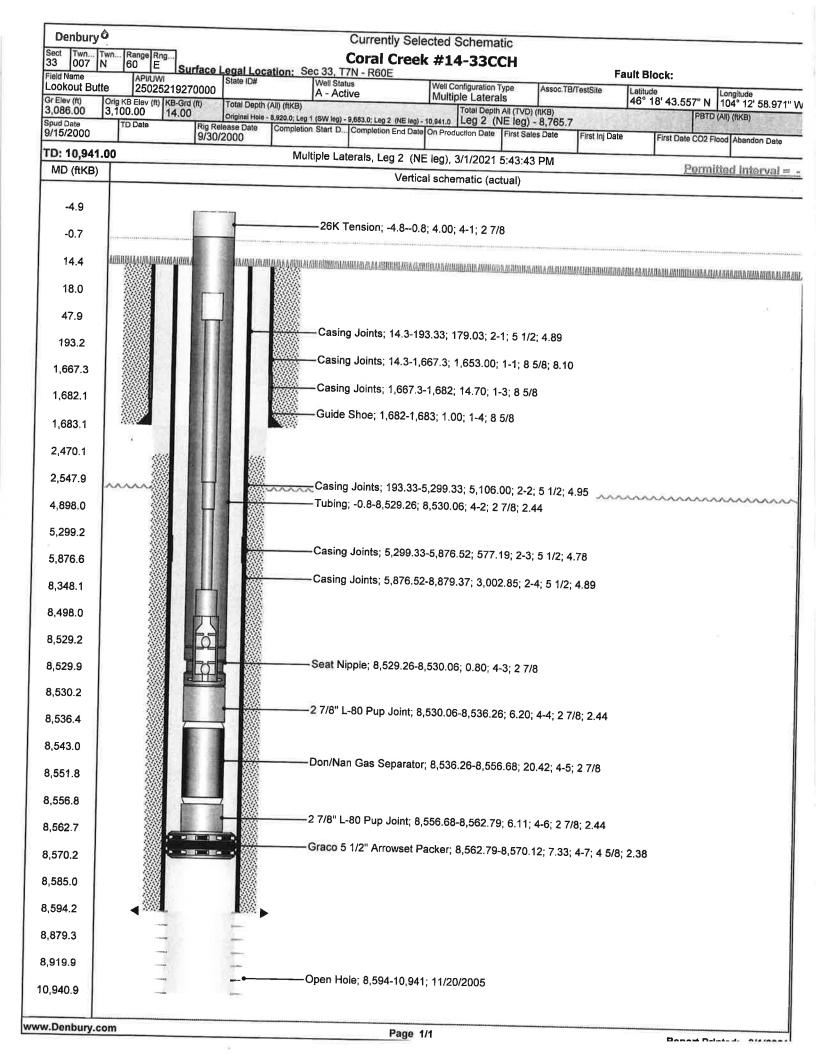
On Feb 24, 2021, at 1:28 PM, Naomi Johnson < naomi.johnson@denbury.com > wrote:

<Public Notice.xls>

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







BHL#1

ARM 36.22.307
ARM 36.22.1011
ARM 36.22.1013
ARM 36.22.1013
ARM 36.22.1014
ARM 36.22.1014 BOARD OF OIL AND GAS CONSERVATION 2535 ST. JOHNS AVENUE BILLINGS, MONTANA 59102

COMPLETION REPORT

Company _	Er	core Operating	j, L. P.	Lea	se	Coral C	reek P	(Ani+ Participating	Well No	14-33004
Address 77		Suite 1400								
The well is lo	ocated6	60 ft. from	S line	and660	, :	ft. from	W	line of Sec	. 33	
Sec. 33	: T. 7N	R. 60E	County	/	Fallo	on Sa	E or W ;El	evation	3081	I GL
Commenced	drilling	Noven	nber 7, 200	05	i	Complete	ed		(DF, RB or	
		name of anoth							-05164 /24-3	300
The informa of the well at the	ition given her	ewith is a comp	lete and co	rrect record o	f the	ਾ well. The	sumn	nary on this p	age is for the	condition
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		, gas well, dry holi	a, cbm, injec	ction)				1011	100	
API# 25 - <u>02</u>				Titl	e	To	mmy .	J. Yates - Sr.	Regulatory	Analyst
Bottomhole L	ocation(s):	138' EEL Coo E	TEN DOOF	Dai	te_			February	16, 2006	
SW RRU4A Leg	: 2200'FSI &	2215' EIAH C.	10N-KOUE	Fallon County	MT	MD=9683	3', TVD	=8693', Open	hole 8594'-96	683'
NE RRU4A Leg	. 2200 1 32 &	ZZIS FWL SEC	33-17N-RE	iUE Fallon Co	unty,	MT, MD=1	10941',	TVD=8766', (Open hole 859	94'-10941'
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		(denote	oli by O, ga:	s by G, water by	/ W: s	itate format	tion if k	nown)		
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Existing 5 1/2"	15.5, 17, 20	J55, L80, S95	-	9600		9600		2470 (CBL)	2220	
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		none - ope	n hole	8652			9000	o demont att	empt perr sc	2 (10/10/05)
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				10941				ze OH Legs (11/20/05)	
							how plu	gs above)		
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=_ 11	MCE -s -							(Pumping or f	lowing)	
		s per			ours	i.		2 5		
Da	arrels of wate	r per	24	hours, o	Or		%	W.C.		

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			- waternoo		RILL S	TEM TES				-	
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		1									

33

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(SUBMIT IN TRIPLICATE)
TO
BOARD OF OIL AND GAS CONSERVATION
OF THE STATE OF MONTANA
BILLINGS OR SHELBY

Form No. 4 R 4-85

ARM 36.22,307 ARM 36.22.1011 ARM 36.22.1013

COMPLETION REPORT

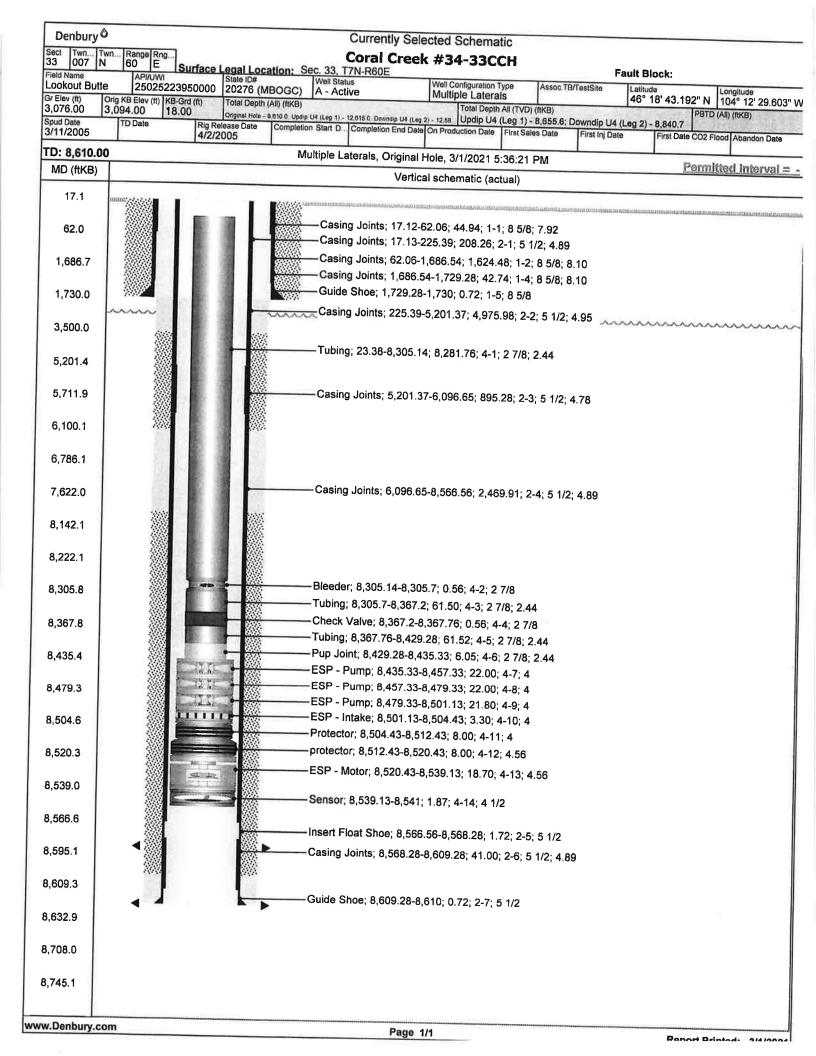
Company		F	0										
A.I.Januar	-	Encore	Operating, L	Ρ.	L	ease —	-	_	Unit		Well No),	14-33CC
Address _	777	Main St	Suite 1400	Fort V	orth.	TX 76	102	Fiel	ld (or Area	ι)	(Lookout	Butte	Field)
The well i	s located_	66	60 ft. from	m (S) line	e and	1 66	03	fi fe	om (W) ti	na of Ca			
Sec3	33 ; T	7N	; R. 60E	_; Coun	ly'		Fall	on -		_; Eleva	ation	307	70 7' CI
Commenc	ed drilling	8	15-Se	D		- 20 0	00 · Co	mnle	eted		(D.I	., R,B,	or G.L)
Write the	API# or th	ie well	name of and	ther wel	Long	thic Luca		pr	sted	31-Oct			, 20_00
THE III	ormanon ş	given n	name of and erewith is a	complete	and	correct	e 11 one record	exi	sis no wall. Th	2	5-025-219	00	
			ine above (i	iic.			record		C WCII	/ summ	ary on this	s pag	e is for
Completed	l as	.0	Oil rell, dry hole)			Si	gned	La	tohin	Sha			
API# 25-	(OILS)	ent gas w	025-21927	Se.		Ti	tle		Preston	Mindha	m Conias	- Land	WARRIE .
			IN	1PORT.	NT				nerry	Novemb	er 17, 200	0	-
			(denote oil b	y O, gas t	ŋ G,	water by	W; sta	te for	rmation if l	(nown)			
		to	8702 C	Red Ri	ver U	14	From			to		Χ	
r -		to to	8729 C	Red Ri	ver U					IU .			
1.		to	8849 W	Red Ri	ver U	10	rtom_			10			
										to			-
					CASI	ING RE	CORL)					
Size Casing	Weig Per F		Grade	Threac		Cu	sing Set				Sacks of	Г	Cut and
8 5/8"	24		JE	ST&C			1683	_	From	To 1683	Cement 675	I	ulled from
5 1/2"	17, 15.6	5, 20	L80, JE, MAV95	LT&C		- {	3920		0	8920	2220		-
								-	 				
				1	TIDI	NC DU	CODD		-				
	Si,	/c	Weight	-	UBI	NG RE	CORD						=
	Tub		Per Ft.	Grade		Thread		Α	mount		Perforations		
		70	6.5	L-80		8rd		8	3713'		N/A		
				COM	IPLE	ETION	RECO	RD					
Rotary tools Cable tools	were used	from from		Sı	urface					TD			
rotal depth	8920		ft.; Plugged	back to	88	79' T.E	Once	n hal	to				
	DEDE	ORATI	00000		7						to		
Interv		OKATI	Number and		-	A	CIDIZE	D, S	HOT, SANI) FRACE	D, CEMEN	TED	
From	То		Size and Type	:		From	То			Amount of laterial Use		1	Pressure
8715	8729	4 JS	SPF 90 deg pl	hasing		3715	872	0	3000	ol 450/ D	15 70/00		
8696	8702	4 JS	PF 90 deg pl	nasing		3696	870	_	J mix w/	80 1.3 ba	AD 70/30 all sealers	acid	
							-						
									OFP&A	show plugs	ahovej		
				INIT	ial.	PRODI	UCTIO	N					20
Vell is produ									formation.				
P. <u>9</u>	barrel	s of oil	per _	24		hou	rs		pumping	56 			
4	def of gas per	5	24	hours					(pumping or fle	mmg)			
				09	barre	els of water p	per2	24	hours, or	97.2 ";	WC		

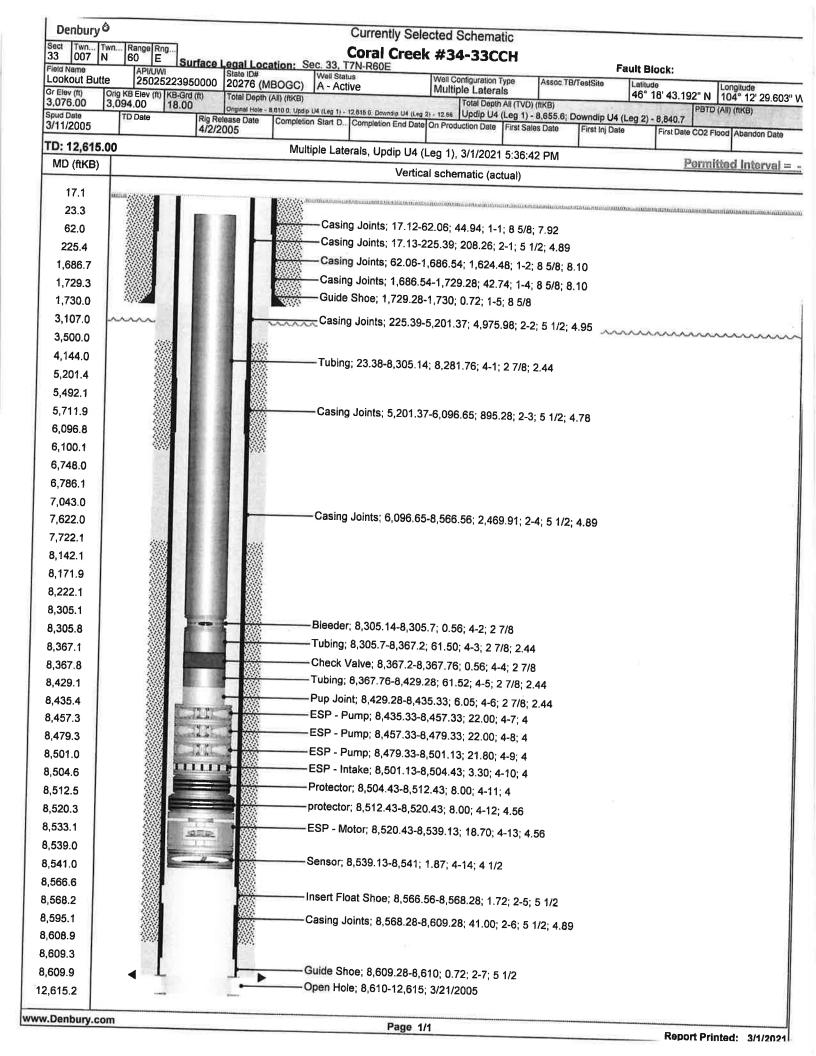
Initial 10 Pressure	0-day average p es (if measured)	oroduction			(bbl./	day) (if taken)		
		Casing	3**		_ psi flowi	psi shut-i psi shut-i		
	N/A	_° API (corre	cted to 60° F.)					
ormatio ype of t	n Volume Factor			Porosity		% Average Conn	ate water	-
	g mechanism		ompris ==					
	-	Tiles	DRILL	STEM 1	TESTS			
D.S.T.	From	Tool (Mi		F.P.	S.I.P.			
					J	Recovery		Cushio
	NONE							
				H HOUSE				
	1-1-1-1			l		- W		
		CORES			1.1	LOG RU	NS	
-	Interval Recovered		Recovered	7	DI	Type	From	То
				1	CNI	L-Micro CFL DL (3 detector)	8904 8894	1683
-	NONE			4	CBL	w/GR-CCL-VDL · Mud Log	8885 8920	2350
			FORMAT					
From	То			FORMATION			Transaction and	
141								Formation = 3100
						Greenhorn	3061	(+39)
						Dakota		(-953)
						Top Salt	5443	(-2343)
			w)			Base Salt	5672	(-2572)
						Opcehe	5908	(-2808)
						Charles 'A'	6714	(-3614)
	1					Charles 'B'	6751	(-3651)
						Mission Canyon	7706	(-3906)
			8			Lodgepole	7593	(-4493)
						Interlake	8178	(-5078)
						Stony Mountain	8484	(-5384)
						Red River	8646	(-5546)
						U2		(-5564)
						U4	8692	(-5592)
	1 1					110	0744	

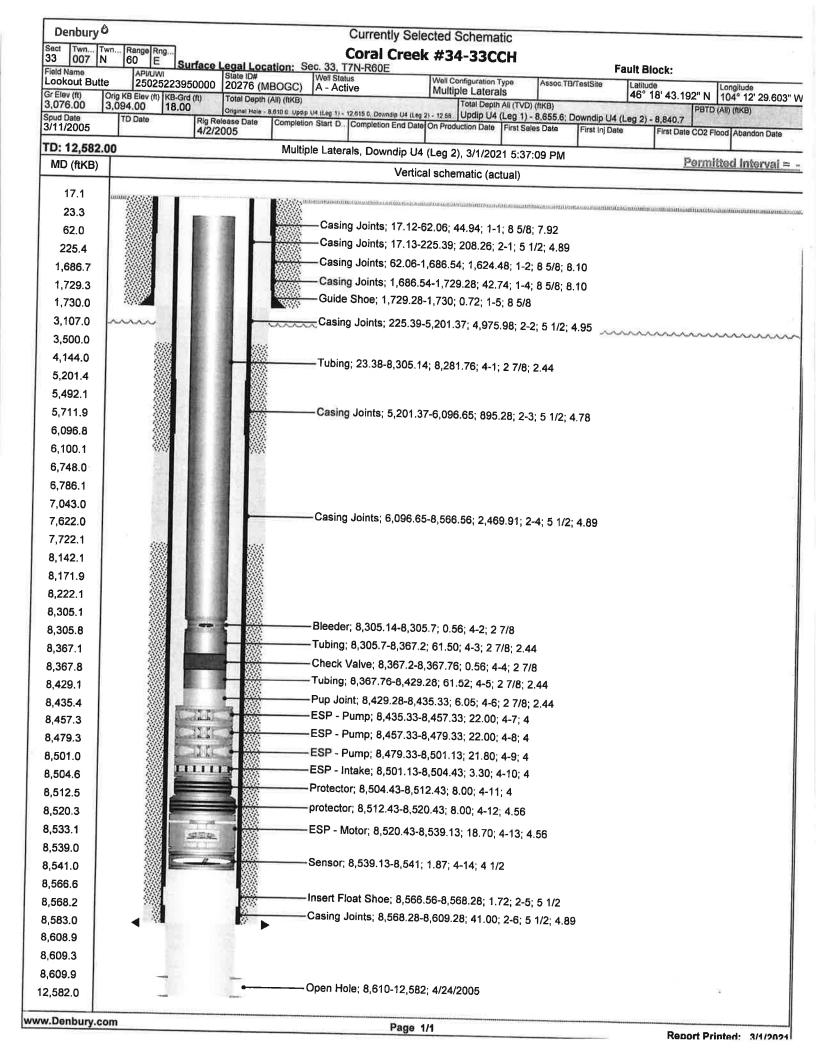
(Use additional sheets where needed to complete description)

U8

8836 (-5736)







(SUBMIT IN TRIPLICATE)

ARM 36.22.307 ARM 36.22.1011 ARM 36.22.1013 ARM 36.22.1414

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

COMPLETION REPORT

Company	Eı	ncore Operating	j, L. P.	L	ease_	Unit (Co	ral Cre	ek) (Private	Well No.	34-33CCH
		Suite 1400								
The well is	located6	85 ft. from	_S_line	and 2	515	ft. from	E	line of Sec	. 33	
	-' '' '''	17. 00E	County		Fall	on	;EI	evation	307	6' GL
Commence	d drilling	ecember 8.	2004		:	;Complete	ed	April 26	(O.F., R.B.)	or G.L.)
vvrite the Al	71# or the well	name of anoth	ner well or	this lease	if one	exists .				
The inform of the well at	iation given hei the above date	rewith is a comp	lete and co	rrect record	of the	well. The	summ	nary on this p	age is for the	condition
Completed a	as(oil well	Oil I, gas well, dry hole	a ohm inio	sien)	igned		19	1-4	() ()	
API# 25 - 0		- gus wen, dry non					nmy J.	Yates - Sr. 0	Operations 5	Specialist
Bottomhole I	Location(s):	25 FCL & 57.43' FWL & 166 18' FWI	5,	0	ate			October	4. 2005	pecialist
BHL Leg 1:	2161.95' FNL 3413.28' FSL &	& 57.43' FW L ß 166.18' FWL	Sec 4 - T6 Sec 34 - T	N - R60E; 7 N - R60E	TD:	12,615' M	ID; 86	56' TVD ope	n hole 8613	' to 12,615'
					, ,,,,	. 12,302	IND; C	004U IVD 0	pen hole 86	13' to 12,582'
			IMPORT	ANT ZONI	S OF	POROS	ITV			
		(denote	oil by O, gas	by G, water	by W:	state format	tion if k	nown)		
From 8	880 to_	12582	0 & W U4	F	rom			to		
	832 to_	12615	0 & W U4	F	rom					
From	to_			F	rom _			to		
				CASING F	ECO	RD				
Size	Weight			7					Sack of	Cut And
Casing 8 5/8"	Per Ft.	Grade	Thread		g Set	From	1	То	cement	Pulled from
5 1/2"	32, 24 17,15.5,20	J-55	ST&C		1730 0		_	1730	525	
	17,10.0,20	L80,J55,P110	LT&C	8,6	10	0	_	8610	670	
	**			TUBING R	ECOL	T				
	Siz	e Welght		T DDING R	EGOF	עא				
	Tubi		Grad	e Thre	hee	Amount		reformation -		
	2 7/		L-80		d	270 jts	1 16	erforations		
				MPLETION				2 jts		
Rotary tools w	ere used fron	1			INEC	to				
Cable tools we			***			to	-			
Total depth	see above	ft.; Plugge	ed back to				; Oper	n hole from		to see above
	PERFORA	TIONS			ACI			AND FRACE		
Inte	rval	Number	and		nterva		1	Amount of	D, CEIVIEIVI	ED
From	То	Size and		From		To		Material Used	1	Pressure
		none - ope	n hole	8,613		12,615	OH#	1: 10 Bbls 159	4 HCI	
				8,613		12,582	OH #:	2: 90 Bbls 15%	4 HCI	
				8,613		12,615		& #2 Combin		
				8,613		12,582		Bbls 15% HCL		
			INI	TAL PROD	UCT		roa sno	w plugs above)		
Well is produci	ng from			River	,0011	.014		(pool) form	atlan	
I.P	28	barrels of oil p			hour	rs		1000	ation. Iping	
8	MCE of ac	as per	0.4		ē.	-		(Pumping or t	lowing)	
					_hour					
503	arrels of wate	er per	24	hours	, or _	94.7	%	W.C.		

	ires (it mea	isured). Tubing_		ps	i flowing;	(bbl./day)		psi shu
		Casing_ ° API (corr		DS	flowing;			psi shu
Forma		e Factor		rosity _		% Average C	connate water	rocim.
roduc	ing mecha	nism <u>Water Flo</u>	od					
S.T.		Tool Open	DI	RILL S	TEM TEST	rs		
No.	From	To (Min.)	Shut-in	F,P.	S.I.P.	Recover	y	Cushion
						No DST's	un	
1								
1								
lo.	Interval	Recovered		_		LOGR	UNS	
					Log (Verti		7550	To 8,611
		Not cored			zontal Profi Horizontal I	ile Leg 1 Profile Leg 2	8613 8613	12,615 12,582
					N RECOF			
From	То				MATION		To	p of Formation
7,618	8,012							
		Lodgepole					- 1	
8,012	8,109	Lodgepole LP9						
	8,109 8,160							
3,109		LP9						
3,109 3,160	8,160	LP9						
3,109 3,160 3,230	8,160 8,230	LP9 Duperow Souris River						
3,109 3,160 3,230	8,160 8,230 8,505	LP9 Duperow Souris River	ale		22			
3,109 3,160 3,230 3,505	8,160 8,230 8,505 8,612	LP9 Duperow Souris River Interlake Stony Mtn	ale		22			
3,109 3,160 3,230 3,505 4,612 73 MD	8,160 8,230 8,505 8,612 8673 TVD 8686 TVD 8704 TVD	LP9 Duperow Souris River Interlake Stony Mtn Stony Mtn Sh	ale		22			
3,109 3,160 3,230 3,505 3,612 73 MD 4 TVD	8,160 8,230 8,505 8,612 8673 TVD 8686 TVD 8704 TVD	LP9 Duperow Souris River Interlake Stony Mtn Stony Mtn Sh Red River	ale		8			
3,109 3,160 3,230 3,505 3,612 73 MD 6 TVD 4 TVD	8,160 8,230 8,505 8,612 8673 TVD 8686 TVD 8704 TVD	LP9 Duperow Souris River Interlake Stony Mtn Stony Mtn Sh Red River U2 U3 U4 Anhydrite	ale		8			
3,109 3,160 3,230 3,505 3,612 73 MD 66 TVD 4 TVD	8,160 8,230 8,505 8,612 8673 TVD 8686 TVD 8704 TVD	LP9 Duperow Souris River Interlake Stony Mtn Stony Mtn Sh Red River U2 U3	ale		8			
3,109 3,160 3,230 3,505 3,612 73 MD 66 TVD	8,160 8,230 8,505 8,612 8673 TVD 8686 TVD 8704 TVD	LP9 Duperow Souris River Interlake Stony Mtn Stony Mtn Sh Red River U2 U3 U4 Anhydrite	ale		8			

(Use additional sheets where needed to complete description)



Procedure

Company:	Denbury Resources	
Lease:	Coral Creek	
Well No.:	24-33CC	
Field:	Lookout Butte	
Location:	T7N-R60E	
Section:	33	
County:	Fallon	
State:	MT	
API No.:	25025051640000	
Well Type:	Producer	

Surface/Subsurface:	Subsurface	
Type of Work:	Capital	

ND BOP, NU & test wellhead.

RDMO rig.

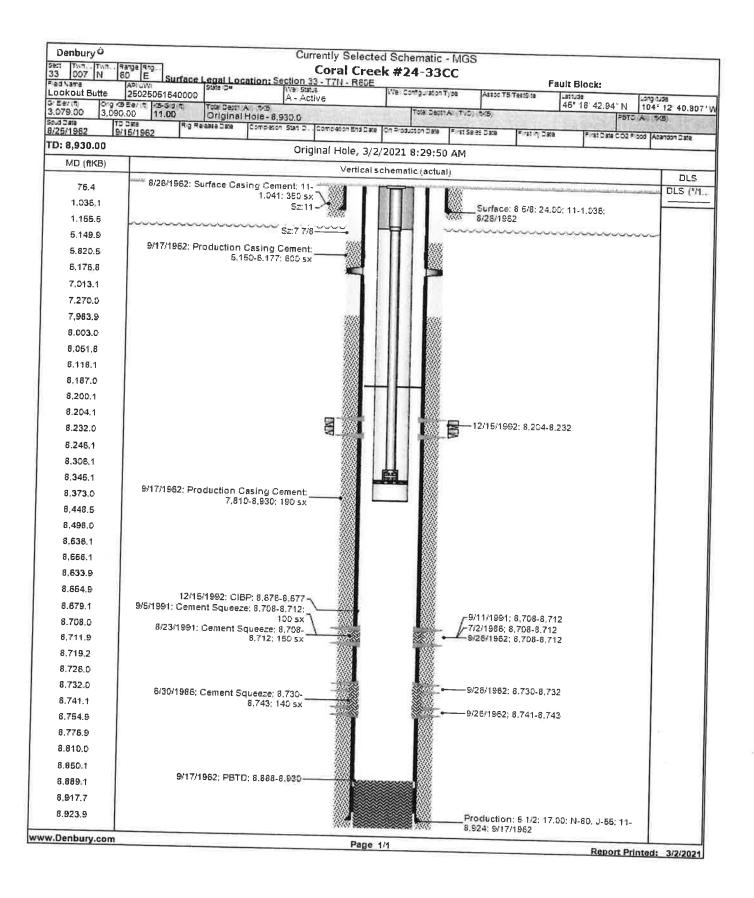
16 **17**

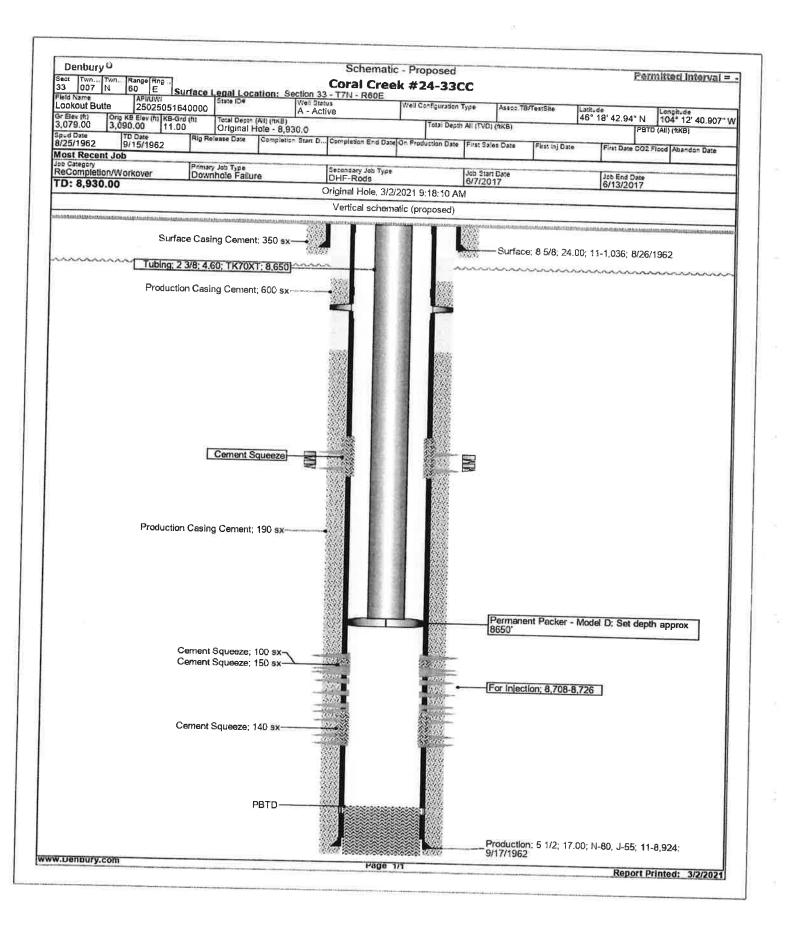
18

Date:	3/2/2021
WI:	100%
NI:	87.71%
KB:	3090
GL:	3079'
DF:	11'
TD:	8930'
PBTD:	8888'
Current Perfs:	8204'-8232'
Current Sands:	Interlake

De	escription:	CTI in the Red River
	1	Prior to MIRU, inspect location for any hazards and identify any specific needs for the job. Visually inspect the wellhead to order out appropriate BOP and any necessary x-overs.
	2	Install or test rig anchors and MIRU workover rig.
ti.	3	Conduct PJSM with all personnel on location covering any and all possible hazards. Fill out appropriate JSAs. Anytime the job scope is changed, by either planned or unforeseen events, this step should be repeated and updated to the current task.
	4	Check for any H2S present and LEL's. Check for any trapped pressure and bleed off as necessary.
	5	POOH with rods and pump, laying down equipment.
	6	Unseat anchor and POOH with tubing, scanning out. Save yellowband for future use in other wells and junk all other tubing.
	7	Prepare to squeeze Current interlake perfs from 8204'-8232' according to RockHard and Engineer procedure.
	8	After squeeze is completed, drill out and test casing to ensure isolation.
	9	Drill out CIBP at 8676' to regain access to Red River formation in the wellbore.
	10	Perforate Red River U4 from 8708' to 8726' using 4 SPF.
	11	Acidize new perforations using 2500 gallons of 15% HCL.
	12	RIH with Model D packer and set at 8650'.
	13	RIH with new string of 2 3/8" TK70XT injection tubing and sting into packer.
	14	Test annulus to ensure well will pass MIT.
	15	After good test, sting out of packer, circulate packer fluid around backside, and sting back in.
	16	MIT well according to State regulations, and have State

MIT well according to State regulations, and have State representative present if required.





LCCATE WELL CORRECTLY ec.

(SUBMIT IN TRIPLICATE)
TO

OIL AND GAS CONSERVATION COMMISSION
OF THE STATE OF MONTANA

BILLINGS OR SHELBY

LOG OF WELL

OIL AND GAS GORSENVATION COMMISSION OF THE STATE OF A THE

Company_	Shell o	dl Company	Ť	Y 1	0.000	***			1. 1.18
					ease	Unit			Well No. 24-33
Address	· • · · · · · · · · · · · · · · · · · ·	Tie BLILL	es, Mons	Ganti	Fie	ld (or Ar	ea)	Coral Cre	N. Marian
The well is	located GOO	ft. from	(S) line ar	nd 1930	ft. fro	m (K)	ine of Sec.	33	
Sec. 33	; T	, R.	60E	; County	Fe.	Llon		. 71	TWINGLE
Commenced	drilling	8-25		, 19	62 : Co	mpleted		; Blevation	3090 30%, r.b. 36, 62, 3 ————————————————————————————————————
The int	formation giver at the above de	herewith is	a complete	and correct	record o	f the well	The sumr	nary on this	ge is for the condition
Completed a	(oil well.	Oil Well gas well, dry he	ala)		Signed				ge is for the condition
	, , , , , , ,	d= went any m	uiej		Title_	lvision			er.
		(4	IMPO	RTANT ZO	NES OF	' മഹമഹദ	I any		
From	to	(denote of	by O, ga	is by G, wa	ater by V	V; state fo	ormation if	known)	
1.1011	to				17		to	ce sttached	well history
rrom	to						to1	or <u>drilling</u>	and completion
From	to						to	CEGRALIS.	
				CASTING	RECO				
Size Casing	Weight Per Ft.	Grade	Thread	Casing Se		From	To	Sacks of	Cut and Pulled from
								Cement	Pulled from
				TUBING	RECOR	D		. 77	JEIVE
	Sizo Tubing	Weis Per	tht Ft.	Grade	Thread	Am	ount	Perforations	1 1 - 106
	/								7
				COMPLETIO	ON REC	ORD		C.	00 0 3
otary tools	were used from	n		0		to	3	81930	
otal depth	ere used from_ _8930 fr	Plugged back	k to 88	38	TD	to	0		
		Trugged Daci	n 10 - 120		.1.D.; O			to_	
Interv	PERFORATI				AC	IDIZEO, SH	OT, SAND FR	ACED, CEMENTED	
From	To	Number at Size and Ty	nd ype	From	rval To		Amount -		_
									Pressure
			т	NITTAR TOTAL	Obvious	(11 1	P&A show plu	igs above)	
		and no		NITIAL PR	ODUCT	ON			
ell is produc	cing from	Red River	(Ordovic	ien)	(pool) fo	rmation.			
P	5barr	els of oil per.	24	hou	rs F:	Lowing			
07					(pwn	ing or flow	ing)		
- J ₄	ATACL.	of gas per of water per	24 r 24	hours.		-			
		or water per			urs, or	1	% V	/.C.	
				(OVI	ER)		Gra	avity 34.5 A	.PI

INITIAL PRODUCTION—(Continued) Initial 10-day average production Pressures (if measured): Tubing Casing Gravity API (corrected to 60° F.) (bbl./day) (if taken) psi flowing; _ psi shut-in psi flowing; psi shut-in DRILL STEM TESTS Tool Open

 	 (Min.)	Shut-In	F.P.	9.J.P.	Recovery	Cushion
 		*				
	 		-			

LOGS RUN

Туре	Inter	vals
	From	To

FORMATION RECORD							
From	То	SAMPLE AND CORE NO. AND DESCRIPTION	Top of Formation				
			Top or Formation				
1							
	-						
	İ	3					
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CORRECT	_C.	Ε.	Edward	8
				••

APPROVED_

EXPLOITATION ENGINEER

SUPERINTENDENT

EL & RA LOG MARKERS CORAL CREEK UNIT 24-33 ELEV 3090 KB

C	GREENHORN	3077	(+ 13)	S SILURIAN	8199	(-5109)
E	NEWCASTLE	3813	(- 723)	S4	8335	(~5245)
	PIPER	5107	(-2017)	T STONY MOUNTAIN	8498	(-5408)
Н	SPEARFISH	5352	(-2262)	T2	8515	(-5425)
Ĵ	MINNEKAHTA	5890	(-2800)	Т3	8529	(~5439)
L	HEATH	6336	(-3246)	T4	8536	(-5446)
L2	OTTER	6440	(-3350)	Т5	8597	(-5507)
L3	KIBBEY	6536	(-3446)	U RED RIVER	8658	(-5568)
M	CHARLES "A"	66 <i>5</i> 0	(-3560)	U2	8679	(-5589)
N	CHARLES "B"	6767	(-3677)	U 3	8692	(-5602)
0		7023	(-3933)	U4 ·	8707	(-5617)
05		7250	(-4160)	U5	8725	(<i>-5</i> 635)
P2	LODGEPOLE	7593	(-4503)	U6	8753	(~5663)
P9		7973	(-4883)	U9	8905	(-5815)
				T.D.	8928	(-5838)



DownHole R_X

WATER CHEMISTRY

DENBURY **DILLON JAMES FALLON MT**

CORAL CREEK S.O. CTB TRANSFER PUMP

Report Date:

06-13-2019

Sampled:

06-04-2019

Sample #:

4178

at 0000

Sample ID:

227804

CATIONS		ANIONS	
Calcium (as Ca)	401.10	Chloride (as CI)	8300
Magnesium (as Mg)	72.14	Sulfate (as SO ₄)	2050
Barium (as Ba)	0.00	Bromine (as Br)	
Strontium (as Sr)	15.35	Dissolved CO ₂ (as CO ₂)	0.00 70.00
Sodium (as Na)	5689	Bicarbonate (as HCO ₃)	305.00
Potassium (as K)	187.50	Carbonate (as CO ₃)	0.00
Lithium (as Li)	5.24	Oxalic acid (as C ₂ O ₄)	0.00
Ammonia (as NH ₃)	0.00	Silica (as SiO ₂)	0.00
Aluminum (as Al)	0.00	Phosphate(as PO ₄)	0.00
Iron (as Fe)	0.0510	H ₂ S (as H ₂ S)	
Manganese (as Mn)	0.0250	Fluoride (as F)	10.00
Zinc (as Zn)	0.492	Nitrate (as NO ₃)	0.00
Lead (as Pb)	0,00	` "	0.00
(45 . 5)	0.00	Boron (as B)	46.17

PARAMETERS

Calculated T.D.S.	17318
Molar Conductivity	22566
Resistivity	44.31
Sp.Gr.(g/mL)	1.01
Pressure(atm)	1.00
pCO ₂ (atm)	0.0309
pH ₂ S(atm)	0.00615
Temperature (^O F)	70.00
pH	6.82

COMMENTS

FALLON MT

JACAM LABORATORIES 205 S. Broadway · P.O. Box 96 · Sterling, KS 67579-0096



JACAM LABORATORIES

DownHole R_X

DEPOSITION POTENTIAL INDICATORS

DENBURY DILLON JAMES FALLON MT

CORAL CREEK S.O. CTB TRANSFER PUMP

Report Date: Sample #:

06-13-2019 4178 Sampled: 06-04-2019

at 0000

Sample ID:

227804

SATURATION LEVEL		MOMENTARY EVOESS (h-/1000 m	
Calcite (CaCO ₃)	0.457	MOMENTARY EXCESS (I Calcite (CaCO ₃)	-DS/ 1000 B	_
Aragonite (CaCO ₃)	0,400	Aragonite (CaCO ₃)		-0.136
Witherite (BaCO ₃)	0,00	Witherite (BaCO ₃)		-0.172
Strontianite (SrCO ₃)	0.0785	Strontianite (SrCO ₃)		-13.22
Calcium oxalate (CaC2O4)	0.00	Calcium oxalate (CaC ₂ O ₄)		-1.65
Magnesite (MgCO ₃)	0.0648	Magnesite (MgCO ₃)		-0.119
Anhydrite (CaSO ₄)	0.223	Anhydrite (CaSO ₄)		-1.37
Gypsum (CaSO ₄ *2H ₂ O)	0.375	Gypsum (CaSO ₄ *2H ₂ O)		-596.18
Barite (BaSO ₄)	0.00	Barite (BaSO ₄)		-378.47
Celestite (SrSO ₄)	0.851	Celestite (SrSO ₄)		-0.00669
Fluorite (CaF ₂)	0.00	Fluorite (CaF ₂)		-1.94
Calcium phosphate	0.00	Calcium phosphate		-11.88 >-0.001
Hydroxyapatite	0.00	Hydroxyapatite		-275.70
Silica (SiO ₂)	0.00	Silica (SiO ₂)		-2/3./0 -37.10
Brucite (Mg(OH) ₂)	< 0.001	Brucite (Mg(OH) ₂)		0.00135
Magnesium silicate	0.00	Magnesium silicate		-92.65
Iron hydroxide (Fe(OH)3)	< 0.001	Iron hydroxide (Fe(OH) ₃)		< 0.001
Strengite (FePO ₄ *2H ₂ O)	0.00	Strengite (FePO ₄ *2H ₂ O)		>-0.001 >-0.001
Siderite (FeCO ₃)	0.0984	Siderite (FeCO ₃)		-0.128
Halite (NaCl)	< 0.001	Halite (NaCl)		-0.126 -1 70652
Thenardite (Na2SO ₄)	< 0.001	Thenardite (Na2SO ₄)		-170052 -55268
Iron sulfide (FeS)	0.143	Iron sulfide (FeS)		-0.0398
		(42)		-0.0396
SIMPLE INDICES		BOUND IONS	TOTAL	FREE
Langelier	-0.193	Calcium	401.10	317.81
Ryznar	7.21	Barium	0.00	0.00
Puckorius	6.00	Carbonate	0.682	· 0.198
Larson-Skold Index	57.39	Phosphate	0.00	0.00
Stiff Davis Index	-0.480	Sulfate	2050	1636
Oddo-Tomson	-0.606		_350	1030

OPERATING CONDITIONS

Temperature (°F) 70.00 Time(secs) 0.00

JACAM LABORATORIES
205 S. Broadway · P.O. Box 96 · Sterling, KS 67579-0096

DownHole SAT™ Water Analysis Report

JACAM LABORATORIES

SYSTEM IDENTIFICATION

DENBURY CORAL CREEK S.O. CTB **DILLON JAMES** TRANSFER PUMP **FALLON MT**

Sample ID#: 4178 ID: 227804 Report Date: 06-13-2019 Sample Date: 06-04-2019 at 0000

WATER CHEMISTRY

CATIONS		ANIONS	
Calcium(as Ca)	401.10	Chloride(as CI)	8300
Magnesium(as Mg)	72.14	Sulfate(as SO ₄)	
Barlum(as Ba)	0.00	Bromine(as Br)	2050
Strontium(as Sr)	15.35	Dissolved CO ₂ (as CO ₂)	0.00
Sodium(as Na)	5689	Bicarbonate(as HCO ₃)	70.00
Potassium(as K)	187.50	Carbonate(as CO ₃)	305.00
Lithium(as Li)	5.24	Silica(as SiO ₂)	0.00
Iron(as Fe)	0.0510	Phosphate(as PO ₄)	0.00
Field Iron(as Fe)	0.00		0.00
Ammonia(as NH ₃)	0.00	H ₂ S (as H ₂ S)	10.00
Aluminum(as Al)	0.00	Fluoride(as F)	0.00
Manganese(as Mn)	0.0250	Nitrate(as NO ₃)	0.00
Zinc(as Zn)	0.492	Boron(as B)	46.17
Lead(as Pb)	0.00	DAD CASTON O	
(0.00	PARAMETERS	
Sample pH	C 02	Temperature(°F)	70.00
Conductivity	6.82	T.D.S.	17318

17318

SCALE AND CORROSION POTENTIAL	Sample pH			
THE WILL GOUNGSTON POIEMITAL	Conductivity:			

										Cond	uctivity:	4	2566	Resist	ivity:		44.31
Temp.	Press.	C	Calcite	Аг	hydrite	G	ypsum		Barite	0	elestite	_					
(°F)	(atm)	C	aco ₃	(CaSO ₄	Casc	,. 0 ₄ *2H ₂ O		JaSO ₄				iderite	Mac	kawenite	CO2	pCO ₂
50.00	0.00	0.292	-0.210	0.233	7	0.412	-337.43		7		SrSO ₄	F	eCO3		FeS	(mpy)	(atm)
65.45	0.00	0.415	-0.152	0.223	-597.40	0.382		0.00	-0.00387	0.917	-1.00	0.0535	-0.177	0.676	-0.00331		0.0309
80.91	0.00						-370.68	0.00	-0.00596	0.857	-1.85	0.0864	-0.138	0.598			
96.36								0.00	-0.00864	0.850	-1.96	0.132	-0.106				
					_		-408.54	0.00	-0.0119	0.871	-1.65						
					_	0.367	-378.89	0.00	-0.0156	0.904	-1.19			-			
					-403.29	0.409	-324.79	0.00	-0.0202								0.0309
			0.0625	0.376	-319.07	0.451	-278,73	0.00								0.122	0.0309
	0.00	1.68	0.0995	0.467	-232.01	0.494	-239.43								-0.0139	0.0824	0.0309
173.64	0.00	1.99	0.136	0.596	-146.15								-0.0153	0.277	-0.0160	0.0668	0.0309
189.09	0.00	2.32	0.172	0.781								0.812	-0.00640	0.246	-0.0183	0.0475	0.0309
204.55	0.00	2.68	0.207								-0.0335	1.01	< 0.001	0.218	-0.0207	0.0120	
220.00	0.171	3.01								1.00	-0.00256	1.23	0.00525	0.192	-0.0233		
				4.74		U.6 94		0.00	-0.0848	0.978	-0.258	1.44	0.00850			_	
		VEAT			•		-		Lbs per		Lbs per		Lbs per			0.0230	0.0362
		AJAI		XSAT		XSAT	1000	x5AT	1000	xSAT	1000	xSAT	•	VSAT			
	Cal						Barrels		Barrels					VIVI			
96.36 111.82 127.27 142.73 158.18 173.64 189.09 204.55	0.00 0.00 0.171	2.32 2.68 3.01 xSAT	0.136 0.172 0.207 0.242 Lbs per 1000 Barrels	0.467 0.596 0.781 1.05 1.41 xSAT	-582.94 -541.52 -479.45 -403.29 -319.07	0.361 0.348 0.367 0.409 0.451 0.494 0.536 0.577 0.617 0.644	-394.13 -408.54 -378.89 -324.79 -278.73 -239.43 -205.74 -176.87 -152.13 -137.21 Lbs per 1000 Barrels	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	-0.00864 -0.0119 -0.0156 -0.0202 -0.0260 -0.0333 -0.0422 -0.0532 -0.0666 -0.0848 Lbs per 1000	0.850 0.871 0.904 0.933 0.957 0.976 0.989 0.997 1.00 0.978	-1.96 -1.65 -1.19 -0.801 -0.501 -0.279 -0.125 -0.0335 -0.00256 -0.258 Lbs per	0.132 0.192 0.268 0.366 0.487 0.636 0.812 1.01 1.23	-0.106 -0.0798 -0.0585 -0.0409 -0.0266 -0.0153 -0.00640 < 0.001 0.00525		-0.0183	0.116 0.152 0.159 0.122 0.0824 0.0668	0.0309 0.0309 0.0309 0.0309 0.0309

Saturation Levels (xSAT) are the ratio of ion activity to solubility, e.g. {Ca}{CO₃}/K_{Sp}. pCO₂ (atm) is the partial pressure of CO₂ in the gas phase. Lbs/1000 Barrels scale is the quantity of precipitation (or dissolution) required to Instantaneously bring the water to equilibrium.

