



west virginia department of environmental protection

Office of Oil and Gas
601 57th Street, S.E.
Charleston, WV 25304
(304) 926-0450
fax: (304) 926-0452

Harold D. Ward, Cabinet Secretary
www.dep.wv.gov

Tuesday, May 25, 2021
WELL WORK PLUGGING PERMIT
Vertical Plugging

TRIBUNE RESOURCES, LLC
3861 AMBASSADOR CAFFERY PARKWAY, SUITE 600
LAFAYETTE, LA 70503

Re: Permit approval for 7
47-103-00628-00-00

This well work permit is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to any additional specific conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas Inspector.

Upon completion of the plugging well work, the above named operator will reclaim the site according to the provisions of WV Code 22-6-30. Please be advised that form WR-38, Affidavit of Plugging and Filling Well, is to be submitted to this office within 90 days of completion of permitted well work, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable. Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

Per 35 CSR 4-5.2.g this permit will expire in two (2) years from the issue date unless permitted well work is commenced. If there are any questions, please feel free to contact me at (304) 926- 0450.

James A. Martin
Chief

Operator's Well Number: 7
Farm Name: McHENRY, A. R.
U.S. WELL NUMBER: 47-103-00628-00-00
Vertical Plugging
Date Issued: 5/25/2021

PERMIT CONDITIONS

West Virginia Code § 22-6-11 allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. Failure to adhere to the specified permit conditions may result in enforcement action.

CONDITIONS

1. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
2. In the event of an accident or explosion causing loss of life or serious personal injury in or about the well or while working on the well, the well operator or its contractor shall give notice, stating the particulars of the accident or explosion, to the oil and gas inspector and the Chief within twenty-four (24) hours.
3. Well work activities shall not constitute a hazard to the safety of persons.
4. This well is under a consent order and must be plugged within two years of the date of issuance of this permit.

1) Date Feb. 11, 20 21
2) Operator's
Well No. McHenry, AR 7
3) API Well No. 47-103 - 00628

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

4) Well Type: Oil X / Gas ___ / Liquid injection ___ / Waste disposal ___ /
(If "Gas, Production ___ or Underground storage ___) Deep ___ / Shallow ___

5) Location: Elevation 1056' Watershed Little Fishing Creek
District Proctor County Wetzel Quadrangle Wileyville

6) Well Operator Tribune Resources, LLC. 7) Designated Agent Harman Brown
Address 3861 Ambassador Caffery PKWY, Suite 600 Address 18396 Mountaineer Highway
Lafayette, LA 70503 Littleton, WV 26581

8) Oil and Gas Inspector to be notified Name Derek Haught
Address P. O. Box 85
Smithville, WV 26178
9) Plugging Contractor Name TBD
Address _____

10) Work Order: The work order for the manner of plugging this well is as follows:

Attached

- * CAST IRON BRIDGE PLUGS MUST HAVE A MINIMUM OF 100' OF CLASS A CEMENT WITH NO MORE THAN 3% CaCl₂, TO BE CONSIDERED A PLUG.
 - * THIS WELL DID NOT CIRCULATE CEMENT ON EITHER STRING OF CASING.
 - * CEMENT PLUG MUST BE A MINIMUM OF 100' THICK.
 - * INSPECT 7" CASING, RARE POINT IF NECESSARY.
- 7" CEMENT JOB DID NOT CIRCULATE. 175 SXS SHOULD HAVE CIRCULATED, BUT DID NOT. PROBABLY GROUDED W/ 90 SXS FROM SURFACE.

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Office of Oil and Gas
MAR 15 2021
WV Department of
Environmental Protection

Notification must be given to the district oil and gas inspector 24 hours before permitted work can commence.

Work order approved by inspector *[Signature]* Date 3-9-21

McHenry, A. R. 7

API No. 47-103-00628
 Elevation 1056'
 Latitude 39.63581
 Longitude -80.691257

TD 3087'
 Perfs Gordon 3001'

	Casing		Cement	
	Size	Depth	Sxs	Est. Top
Surface	N/A			
Intermediate	7"	1225	265	-Circ.
Production	4-1/2"	3087	75	300
Liner				

MAY HAVE GROUTED FROM SURFACE

DMH

3-9-21

Procedure

Set bottom hole cement plug or CIBP at 2950' CIBP MUST HAVE 100' MIN. OF CLASS A CEMENT ON TOP.
 Load hole with gel
 Free point 4-1/2" production casing, back off, rip/cut, or perforate casing as direct by state inspector.
 RIH w/ work string, pump Gel 6% spacer between cement plugs.

SMM

Plugs	Material	Depth		Thickness feet
		Bottom	Top	
Formation	Cement	2950	2850	100
	Gel	2850	2130	720
4-1/2" Casing	Cement	2130	2030	100
	Gel	2030	1275	755
7" Casing	Cement	1275	1175	100
Sea Level	Cement	1175	1000	175
Pitts' Coal	Cement	1000	925 900'	75 100
	Gel	900 925	100	825 800
Top Plug	Cement	100	0	100

Gel: Fresh water with 6% + Bentonite clay by weight
 Cement: Class A w/ NO MORE THAN 3% CaCl₂

Tag all cement tops to confirm depth
 Clean up location. Erect monument with API No per WV code

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 Office of Oil and Gas
 MAR 15 2021
 WV Department of
 Environmental Protection

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OG-10
Rev. - 9-71



4710300628

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NOV 3 - 1977

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division

OIL & GAS DIVISION
DEPT. OF MINES

WELL RECORD 36

Quadrangle Littleton

Permit No. Wet-628-Rev.

Rotary X Oil _____
Cable _____ Gas _____
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ (Kind)

Company <u>Pennzoil Company</u>	Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Address <u>P. O. Box 1588, Parkersburg, WV 26101</u>				
Farm <u>A. R. McHenry Acres 236</u>				
Location (waters) <u>Little Fishing Creek</u>	Size			
Well No. <u>7</u> Elev. <u>1080.24'</u>	<u>20-16</u>			
District <u>Proctor</u> County <u>Wetzel</u>	Cond.			
The surface of tract is owned in fee by _____	<u>13-10"</u>			
<u>M. L. Goodwin</u>	<u>9 5/8</u>			
Address <u>Rt. 7, Box 155-B, New Martinsville</u>	<u>8 5/8</u>			
Mineral rights are owned by <u>Joseph and Mary E. Blake</u>	<u>7</u>	<u>1275</u>	<u>1275</u>	<u>175 sks.</u>
Address <u>Box 110, Doolin Rt., N. Martinsville</u>	<u>4 1/2</u>	<u>3151</u>	<u>3151</u>	<u>75 sks.</u>
Drilling Commenced <u>9-7-77</u>	<u>3</u>			
Drilling Completed <u>9-12-77</u>	<u>2</u>			
Initial open flow <u>10</u> cu. ft. <u>2</u> bbls.	Liners Used			
Final production <u>7</u> cu. ft. per day <u>1</u> bbls.				
Well open _____ hrs. before test _____ RP.				

Well treatment details:

Attach copy of cementing record.

Fractured w/819 BGW, 30,000# sd., 500 Gal. 15% HCL.

Coal was encountered at _____ Feet _____ Inches
Fresh water _____ Feet _____ Salt Water _____ Feet _____
Producing Sand Gordon Depth _____

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	Remarks
Shale & Silt			0	64		
Sand			64	69		
Shale			69	75		
Sand			75	81		
Shale & Silt			81	161		
Sand			161	170		
Shale			170	190		
Sand			190	244		
Shale			244	286		
Sand			286	301		
Shale			301	370		
Sand			370	400		
Shale & Silt			400	676		
Sand			676	687		
Shale & Silt			687	871		
Sand			871	1018		
Shale			1018	1033		
Pittsburgh Coal			1033	1036		
Shale			1036	1411		
Sand			1411	1421		
Shale			1421	1533		
Sand			1533	1541		
Shale			1541	1555		
Salt Sand			1555	1590		

(over)

* Indicates Electric Log tops in the remarks section.

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4710300628

Formation	Color	Hard or Soft	Top Feet 36	Bottom Feet	Oil, Gas or Water	Remarks
Shale Break			1590	1597		
Shale			1597	1712		
Salt Sand			1712	1732		
Shale			1732	1746		
Sand			1746	1800		
Shale			1800	2012		
Salt Sand			2012	2065		
Shale			2065	2142		
Little Lime			2142	2151		
Pencil Cave			2151	2163		
Big Lime			2163	2220		
Loyalhanna			2220	2247		
Big Injun			2247	2461		
Shale			2461	2811		
Berea			2811	2849		
Shale			2849	3053		
Gordon Stray			3053	3059		
Slate			3059	3074		
Gordon			3074	3085		
Total Depth				3150		
PBD				3136		

Date November 1, 1977

APPROVED PENNZOIL COMPANY

By Curtis L. Lucas
(Title)

05/28/2021

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09-11

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION

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SEP 12 1977

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. WET 628

Oil or Gas Well _____
(KIND)

Company	Address	Farm	Well No.	District	County	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
						Size			Kind of Packer
<u>PENALTOIL CO</u>	<u>PARKERSBURG WVA</u>	<u>H.R. McHENRY</u>	<u>7</u>	<u>PROCTOR</u>	<u>WETZEL</u>	16			
						13			
						10			Size of
						8 1/4			
						6 3/4	<u>1275</u>	<u>1275</u>	Depth set
						5 3/16			
						3			Perf. top
						2			Perf. bottom
						Liners Used			Perf. top
									Perf. bottom
Drilling commenced _____						JOB COMPLETED AT 1:00 PM.			
Drilling completed _____ Total depth <u>1275</u>						CASING CEMENTED <u>1275</u> SIZE <u>7"</u> No. FT. <u>9/7/77</u> Date			
Date shot _____ Depth of shot _____						NAME OF SERVICE COMPANY <u>HALLIDAY</u>			
Initial open flow _____ /10ths Water in _____ Inch						<u>265</u> SHELS CEMENT			
Open flow after tubing _____ /10ths Merc. in _____ Inch						COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Volume _____ Cu. Ft.						_____ FEET _____ INCHES			
Rock pressure _____ lbs. _____ hrs.						_____ FEET _____ INCHES			
Oil _____ bbls., 1st 24 hrs.						_____ FEET _____ INCHES			
Fresh water _____ feet _____ feet						_____ FEET _____ INCHES			
Salt water _____ feet _____ feet						_____ FEET _____ INCHES			

Drillers' Names _____

Remarks: CEMENT DID NOT SURFACE
GOING TO PUT CEMENT FROM SURFACE

SEPT 9 77
DATE

Phil Long
DISTRICT WELL INSPECTOR

05/28/2021

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Select County: (103) Wetzel (Check All)

Select datatypes: Location Production Plugging
 Owner/Completion Stratigraphy Sample
 Pay/Show/Water Logs Btm Hole Loc

Enter Permit #: 00628

Get Data Reset

- [Table Descriptions](#)
- [County Code Translations](#)
- [Permit-Numbering Series](#)
- [Usage Notes](#)
- [Contact Information](#)
- [Disclaimer](#)
- [WVGES Main](#)
- ["Pipeline-Plus" New](#)

WV Geological & Economic Survey:

Well: County = 103 Permit = 00628

Report Time: Friday, May 21, 2021 9:58:25 AM

Location Information: [View Map](#)

API	COUNTY	PERMIT	TAX_DISTRICT	QUAD_75	QUAD_15	LAT_DD	LONG_DD	UTME	UTMN
4710300628	Wetzel	628	Proctor	Wileyville	Littleton	39.63581	-80.691257	526493.7	4387382.4

There is no Bottom Hole Location data for this well

Owner Information:

API	CMP_DT	SUFFIX	STATUS	SURFACE_OWNER	WELL_NUM	CO_NUM	LEASE	LEASE_NUM	MINERAL_OWN	OPERATOR_AT_COMPLETION	PROP_VD	PROP_TRGT_FM	TFM_EST_1
4710300628	9/12/1977	Original Loc	Completed	M L Goodwin	7		A R McHenry	81438-50	Joseph & Mary E Blake	Pennzoil Company			

Completion Information:

API	CMP_DT	SPUD_DT	ELEV DATUM	FIELD	DEEPEST_FM	DEEPEST_FMT	INITIAL_CLASS	FINAL_CLASS	TYPE	RIG	CMP_MTHD	TVD	TMD	NEW_FTG	KOD	G_BEF	G_AF	
4710300628	9/12/1977	9/7/1977	1080	Ground Level	Wileyville	Gordon	Gordon	Development Well	Development Well	Oil w/ Gas Show	Rotary	Acid+Frac	3150			3150		10

Pay/Show/Water Information:

API	CMP_DT	ACTIVITY	PRODUCT	SECTION	DEPTH_TOP	FM_TOP	DEPTH_BOT	FM_BOT	G_BEF	G_AFT	O_BEF	O_AFT	WATER_QNTY
4710300628	9/12/1977	Pay	Oil	Vertical				3085	Gordon	0	0		

Production Gas Information: (Volumes in Mcf) * 2020 data for H6A wells only. Other wells are incomplete at this time.

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_GAS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4710300628	Pennzoil Company	1981	0	0	0	0	0	0	0	0	0	0	0	0	0
4710300628	Pennzoil Company	1982	658	0	0	0	0	0	0	0	0	0	0	0	0
4710300628	Pennzoil Company	1983	1,199	0	0	0	0	0	0	0	0	0	0	0	0
4710300628	Pennzoil Company	1984	1,245	0	0	0	0	0	0	0	0	0	0	0	0
4710300628	Pennzoil Products Company	1987	0	0	0	0	0	0	0	0	0	0	0	0	0
4710300628	Pennzoil Products Company	1989	511	57	33	93	41	48	34	26	40	45	34	25	35
4710300628	Pennzoil Products Company	1990	478	31	0	23	32	63	60	39	55	62	24	38	50
4710300628	Pennzoil Products Company	1991	604	41	20	43	20	57	62	51	43	102	68	42	55
4710300628	Pennzoil Products Company	1992	316	51	49	66	45	34	66	0	0	0	2	3	0
4710300628	Pennzoil Products Company	1993	444	8	20	14	35	73	66	81	33	16	0	34	64
4710300628	Pennzoil Products Company	1994	382	65	61	24	66	13	71	63	7	0	0	0	12
4710300628	Pennzoil Products Company	1995	635	56	0	0	0	63	105	110	112	83	39	41	26
4710300628	Pennzoil Products Company	1996	684	143	54	0	73	59	98	40	15	74	34	7	57
4710300628	Pennzoil Products Company	1997	387	120	0	0	0	77	95	31	6	8	19	12	18
4710300628	Pennzoil Products Company	1998	839	24	22	104	117	127	101	100	64	0	48	72	60
4710300628	Pennzoil Products Company	1999	145	67	21	32	0	4	0	3	2	1	4	6	5
4710300628	East Resources, Inc.	2000	36	8	8	2	3	1	2	0	1	3	2	0	6
4710300628	East Resources, Inc.	2001	1	0	0	0	0	1	0	0	0	0	0	0	0
4710300628	East Resources, Inc.	2002	14	0	0	0	0	0	0	0	0	0	0	0	0
4710300628	East Resources, Inc.	2003	12	0	6	0	0	0	0	0	0	0	0	14	0
4710300628	East Resources, Inc.	2004	10	0	0	0	0	0	0	0	0	0	0	1	5
4710300628	East Resources, Inc.	2005	39	4	0	5	3	0	0	0	0	0	0	11	9
4710300628	East Resources, Inc.	2006	85	6	0	12	9	9	6	9	9	9	7	9	0
4710300628	East Resources, Inc.	2007	220	11	7	7	8	7	14	23	29	25	31	30	28
4710300628	East Resources, Inc.	2008	227	36	34	33	35	29	25	14	11	0	10	0	0
4710300628	East Resources, Inc.	2010	568	49	52	58	52	63	56	50	42	35	33	42	36
4710300628	East Resources, Inc.	2011	2,183	17	24	28	25	45	108	95	90	171	232	746	802
4710300628	HG Energy, LLC	2012	3,982	470	434	460	403	359	316	289	297	266	230	233	225
4710300628	HG Energy, LLC	2013	1,807	206	156	188	193	177	168	179	167	60	65	135	113
4710300628	HG Energy, LLC	2014	1,420	70	8	66	138	150	151	157	155	153	138	131	103
4710300628	Ascent Resources - Marcellus LLC	2015	1,529	75	57	147	140	95	58	181	178	159	145	144	150
4710300628	Ascent Resources - Marcellus LLC	2016	1,766	136	134	180	177	174	165	159	138	126	130	126	120
4710300628	Ascent Resources - Marcellus LLC	2017	1,165	123	112	114	120	115	111	125	108	68	89	38	42
4710300628	Tribune Resources, LLC	2018	143	42	42	8	10	8	1	3	1	3	6	8	11
4710300628	Tribune Resources, LLC	2019	77	12	9	11	4	4	3	1	3	5	3	13	9

Production Oil Information: (Volumes in Bbl) ** some operators may have reported NGL under Oil * 2020 data for H6A wells only. Other wells are incomplete at this time.

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_OIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4710300628	Pennzoil Company	1981	210	0	0	0	0	0	0	0	0	0	0	0	0
4710300628	Pennzoil Company	1982	135	0	0	0	0	0	0	0	0	0	0	0	0
4710300628	Pennzoil Company	1983	752	0	0	0	0	0	0	0	0	0	0	0	0
4710300628	Pennzoil Company	1984	192	0	0	0	0	0	0	0	0	0	0	0	0
4710300628	Pennzoil Products Company	1987	0	0	0	0	0	0	0	0	0	0	0	0	0
4710300628	Pennzoil Products Company	1989	90	7	7	8	6	7	9	16	8	7	7	8	0
4710300628	Pennzoil Products Company	1990	86	6	10	8	7	8	6	6	8	3	6	8	10
4710300628	Pennzoil Products Company	1991	99	10	8	4	7	9	6	15	11	7	8	7	7
4710300628	Pennzoil Products Company	1992	61	8	7	7	10	7	4	5	2	1	0	2	8
4710300628	Pennzoil Products Company	1993	94	5	5	13	14	9	7	4	0	6	12	11	8
4710300628	Pennzoil Products Company	1994	50	4	12	3	8	10	2	0	0	0	3	8	0
4710300628	Pennzoil Products Company	1995	78	0	0	7	10	13	11	9	9	5	2	6	6
4710300628	Pennzoil Products Company	1996	83	0	11	7	17	2	2	13	12	7	6	5	1
4710300628	Pennzoil Products Company	1997	19	0	0	10	9	0	0	0	0	0	0	0	0
4710300628	Pennzoil Products Company	1998	79	5	12	14	6	9	4	0	7	6	7	4	5
4710300628	Pennzoil Products Company	1999	11	4	6	1	0	0	0	0	0	0	0	0	0
4710300628	East Resources, Inc.	2000	0	0	0	0	0	0	0	0	0	0	0	0	0
4710300628	East Resources, Inc.	2001	0	0	0	0	0	0	0	0	0	0	0	0	0
4710300628	East Resources, Inc.	2002	0	0	0	0	0	0	0	0	0	0	0	0	0
4710300628	East Resources, Inc.	2003	0	0	0	0	0	0	0	0	0	0	0	0	0
4710300628	East Resources, Inc.	2004	0	0	0	0	0	0	0	0	0	0	0	0	0
4710300628	East Resources, Inc.	2005	0	0	0	0	0	0	0	0	0	0	0	0	0
4710300628	East Resources, Inc.	2006	0	0	0	0	0	0	0	0	0	0	0	0	0
4710300628	East Resources, Inc.	2007	115	0	0	0	0	0	18	24	18	15	11	13	16
4710300628	East Resources, Inc.	2008	100	18	13	13	11	14	9	10	6	4	0	0	2
4710300628	East Resources, Inc.	2010	83	3	6	10	8	8	9	11	8	8	7	5	0
4710300628	East Resources, Inc.	2011	89	6	8	7	0	14	9	7	9	9	7	6	7
4710300628	HG Energy, LLC	2012	90	12	8	11	6	11	0	8	11	7	4	8	4
4710300628	HG Energy, LLC	2013	75	12	9	6	0	15	3	6	0	10	7	7	0
4710300628	HG Energy, LLC	2014	37	0	0	6	0	11	0	0	4	0	0	8	8
4710300628	Ascent Resources - Marcellus LLC	2015	113	7	8	15	8	9	12	9	10	14	3	13	5
4710300628	Ascent Resources - Marcellus LLC	2016	100	10	4	9	10	13	11	7	9	7	9	6	5
4710300628	Ascent Resources - Marcellus LLC	2017	57	8	5	8	13	9	6	6	2				
4710300628	Tribune Resources, LLC	2018	0	0	0	0	0	0	0	0	0	0	0	0	0
4710300628	Tribune Resources, LLC	2019	0	0	0	0	0	0	0	0	0	0	0	0	0

Production NGL Information: (Volumes in Bbl) ** some operators may have reported NGL under Oil * 2020 data for H6A wells only. Other wells are incomplete at this time.

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_NGL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4710300628	HG Energy, LLC	2013	0	0	0	0	0	0	0	0	0	0	0	0	0
4710300628	HG Energy, LLC	2014	0	0	0	0	0	0	0	0	0	0	0	0	0
4710300628	Ascent Resources - Marcellus LLC	2015	0	0	0	0	0	0	0	0	0	0	0	0	0
4710300628	Ascent Resources - Marcellus LLC	2016	0	0	0	0	0	0	0	0	0	0	0	0	0
4710300628	Tribune Resources, LLC	2018	0	0	0	0	0	0	0	0	0	0	0	0	0
4710300628	Tribune Resources, LLC	2019	0	0	0	0	0	0	0	0	0	0	0	0	0

Production Water Information: (Volumes in Gallons) * 2020 data for H6A wells only. Other wells are incomplete at this time.

05/28/2021

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API	PRODUCING_OPERATOR	PRD_YEAR	ANN_WTR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4710300628	Ascent Resources - Marcellus LLC	2016	0												
4710300628	Tribune Resources, LLC	2018	0	0	0	0	0	0	0	0	0	0	0	0	0
4710300628	Tribune Resources, LLC	2019	0	0	0	0	0	0	0	0	0	0	0	0	0

Stratigraphy Information:

API	SUFFIX	FM	QUALITY	DEPTH	TOP	DEPTH	QUALITY	THICKNESS	THICKNESS	QUALITY	ELEV	DATUM
4710300628	Original Loc	Pittsburgh coal	Well Record	1033	Reasonable	3	Reasonable	1080	Ground Level			
4710300628	Original Loc	1st Salt Sand	Well Record	1555	Reasonable	35	Reasonable	1080	Ground Level			
4710300628	Original Loc	2nd Salt Sand	Well Record	1712	Reasonable	20	Reasonable	1080	Ground Level			
4710300628	Original Loc	3rd Salt Sand	Well Record	2012	Reasonable	53	Reasonable	1080	Ground Level			
4710300628	Original Loc	Little Lime	Well Record	2142	Reasonable	9	Reasonable	1080	Ground Level			
4710300628	Original Loc	Pencil Cave	Well Record	2151	Reasonable	12	Reasonable	1080	Ground Level			
4710300628	Original Loc	Greenbrier Group	Well Record	2163	Reasonable	84	Reasonable	1080	Ground Level			
4710300628	Original Loc	Big Lime	Well Record	2163	Reasonable	84	Reasonable	1080	Ground Level			
4710300628	Original Loc	Loyalhanna	Well Record	2220	Reasonable	27	Reasonable	1080	Ground Level			
4710300628	Original Loc	Big Injun (undiff)	Well Record	2247	Reasonable	14	Reasonable	1080	Ground Level			
4710300628	Original Loc	Berea Ss	Well Record	2811	Reasonable	38	Reasonable	1080	Ground Level			
4710300628	Original Loc	Gordon Stray	Well Record	3053	Reasonable	6	Reasonable	1080	Ground Level			
4710300628	Original Loc	Gordon	Well Record	3074	Reasonable	0	Reasonable	1080	Ground Level			

Wireline (E-Log) Information:

API	LOG_TOP	LOG_BOT	DEEPEST_FML	LOGS_AVAIL	SCAN	DIGITIZED	GR_TOP	GR_BOT	D_TOP	D_BOT	N_TOP	N_BOT	I_TOP	I_BOT	T_TOP	T_BOT	S_TOP	S_BOT	O_TOP	O_BOT	INCH2	INC
4710300628	0	3160		G,D,C	Y	N	0	3154	1270	3160									1270	3142	Y	Y

Comment: *logs: caliper; no paper copy

Downloadable Log Images: We advise you to save the log image file to your PC for viewing. To do so, right-click the .tif image of interest and select the save option. Then you can direct the file to a location of your choice. Please note these images vary in size and some may take several minutes to download, especially if using a 56k or slower dialup connection.

Quick Reference Guide for Log File Names: For more info about WVGES scanned logs click [here](#)

FILENAME
4710300628qdc.tif

geologic log types:

- d density (includes bulk density, compensated density, density, density porosity, grain density, matrix density, etc.)
- e photoelectric adsorption (PE or Pe, etc.)
- g gamma ray
- i induction (includes dual induction, medium induction, deep induction, etc.)
- l laterolog
- m dipmeter
- n neutron (includes neutron porosity, sidewall neutron-SWN, etc.)
- o other¹
- s sonic or velocity
- t temperature (includes borehole temperature, BHT, differential temperature, etc.)
- z spontaneous potential or potential

mechanical log types:

- b cement bond
- c caliper
- o other¹
- p perforation depth control or perforate

¹other logs may include, but are not limited to, such curves as audio, bit size, CCL—casing collar locator, continuous meter, directional survey, gas detector, guard, NCTL—Nuclear Cement Top Locator, radioactive tracer, tension

There is no Plugging data for this well

There is no Sample data for this well

WR-35
Rev. 8/23/13

State of West Virginia
Department of Environmental Protection - Office of Oil and Gas
Well Operator's Report of Well Work

API 47 - 103 - 00628 County Wetzel District Proctor
Quad Wileyville Pad Name _____ Field/Pool Name Gordon
Farm name A. R. McHenry Well Number 7
Operator (as registered with the OOG) Tribune Resources, LLC
Address 3861 Ambassador Caffery Parkway City Lafayette State LA Zip 70503

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing _____ Easting _____
Landing Point of Curve Northing _____ Easting _____
Bottom Hole Northing _____ Easting _____

Elevation (ft) 1056' GL Type of Well New Existing Type of Report Interim Final
Permit Type Deviated Horizontal Horizontal 6A Vertical Depth Type Deep Shallow
Type of Operation Convert Deepen Drill Plug Back Redrilling Rework Stimulate
Well Type Brine Disposal CBM Gas Oil Secondary Recovery Solution Mining Storage Other _____
Type of Completion Single Multiple Fluids Produced Brine Gas NGL Oil Other _____
Drilled with Cable Rotary

Drilling Media Surface hole Air Mud Fresh Water Intermediate hole Air Mud Fresh Water Brine
Production hole Air Mud Fresh Water Brine
Mud Type(s) and Additive(s)
Fresh water - 8.8 #/gal., viscosity 60 cp., Water loss 6.5 cc

Date permit issued 1977 Date drilling commenced 9-7-1977 Date drilling ceased 9-14-1977
Date completion activities began 9-22-1977 Date completion activities ceased 9-22-1977
Verbal plugging (Y/N) N Date permission granted _____ Granted by _____

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Please note: Operator is required to submit a plugging application within 5 days of verbal permission to plug

MAR 15 2021

Freshwater depth(s) ft _____ Open mine(s) (Y/N) depths _____
Salt water depth(s) ft 1555 - 1590 Void(s) encountered (Y/N) depths _____
Coal depth(s) ft 1033 - 1036 Cavern(s) encountered (Y/N) depths _____
Is coal being mined in area (Y/N) No

WV Department of
Environmental Protection

Reviewed by:

05/28/2021

WR-35
Rev. 8/23/13

API 47-103 - 00628 Farm name A. R. McHenry Well number 7

CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Grade wt/ft	Basket Depth(s)	Did cement circulate (Y/N) * Provide details below*
Conductor							
Surface							
Coal							
Intermediate 1	8-3/4"	7"	1225'	New	20		No
Intermediate 2							
Intermediate 3							
Production	6-1/2"	4-1/2"	3140'	New	10.5		No
Tubing							
Packer type and depth set							

Comment Details _____

CEMENT DATA	Class/Type of Cement	Number of Sacks	Slurry wt (ppg)	Yield (ft ³ /sks)	Volume (ft ³)	Cement Top (MD)	WOC (hrs)
Conductor							
Surface							
Coal							
Intermediate 1	HOWCO Lite/Neat	175/100	12.5/15.6	1.93/1.18	338/118		24
Intermediate 2							
Intermediate 3							
Production	50/50 Pozmix	75	14.15	1.26	94.5	2080' calc.	48
Tubing							

Drillers TD (ft) ³¹⁵⁰ _____ Loggers TD (ft) _____

Deepest formation penetrated ^{Gordon} _____ Plug back to (ft) ³¹⁴⁰ _____

Plug back procedure _____

Kick off depth (ft) _____

Check all wireline logs run caliper density deviated/directional induction
 neutron resistivity gamma ray temperature sonic

Well cored Yes No Conventional Sidewall Were cuttings collected Yes No

DESCRIBE THE CENTRALIZER PLACEMENT USED FOR EACH CASING STRING _____

seven centralizers and thirteen scratchers on production casing

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WAS WELL COMPLETED AS SHOT HOLE Yes No DETAILS _____

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WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS _____

WERE TRACERS USED Yes No TYPE OF TRACER(S) USED _____

47103006289

WW-4A
Revised 6-07

1) Date: 2-11-21
2) Operator's Well Number
McHenry, A.R. 7

3) API Well No.: 47 - 103 - 00628

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF APPLICATION TO PLUG AND ABANDON A WELL

4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>Susan R. White</u>	Name _____
Address <u>1280 County Road 1/15</u>	Address _____
<u>New Martinsville, WV 26155</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name _____
_____	Address _____
(c) Name _____	Name _____
Address _____	Address _____
_____	_____
6) Inspector <u>Derek Haught</u>	(c) Coal Lessee with Declaration
Address <u>P. O. Box 85</u>	Name _____
<u>Smithville, WV 26178</u>	Address _____
Telephone <u>304-206-7613</u>	_____

TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents:

- (1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and
- (2) The plat (surveyor's map) showing the well location on Form WW-6.

The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses side. However, you are not required to take any action at all.

Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental Protection, with respect to the well at the location described on the attached Application and depicted on the attached Form WW-6. Copies of this Notice, the Application, and the plat have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Chief.

Well Operator Tribune Resources, LLC.
 By: Lee Lawson 
 Its: Regulatory/HSE Director
 Address 3861 Ambassador Caffery Parkway, Suite 600
Lafayette, LA 70503
 Telephone 337-769-4064

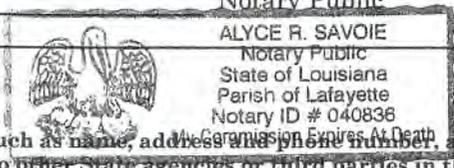
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MAR 15 2021

Subscribed and sworn before me this 4th day of February, 2021
Alyce R. Savoie
Notary Public

My Commission Expires with life

Oil and Gas Privacy Notice



The Office of Oil and Gas processes your personal information, such as name, address and phone number, as a part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use of your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

05/28/2021

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

4710300628P

7020 0640 0000 2997 9542

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Certified Mail Fee \$ 360

Extra Services & Fees (check box, add fee as appropriate)

<input type="checkbox"/> Return Receipt (hardcopy)	\$ _____
<input type="checkbox"/> Return Receipt (electronic)	\$ _____
<input type="checkbox"/> Certified Mail Restricted Delivery	\$ _____
<input type="checkbox"/> Adult Signature Required	\$ _____
<input type="checkbox"/> Adult Signature Restricted Delivery	\$ _____



Postage \$ 200

Total Postage and Fees \$ 560

Sent To Susan White

Street and Apt. No., or P.O. Box No. 1280 Brock Ridge Rd.

City, State, ZIP+4® New Martinsville W. Va. 26050

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

See Reverse for Instructions

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05/28/2021

SURFACE OWNER WAIVER

4710300628P

Operator's Well
Number

McHenry, AR 7

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW4-A

The well operator named on page WW-4A is applying for a permit from the State to plug and abandon a well. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22 of the West Virginia Code. Well work permits are valid for 24 months. If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator and the Office of Oil and Gas.

**NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.
WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:**

Chief, Office of Oil and Gas
Department of Environmental Protection
601 57th St. SE
Charleston, WV 25304
(304) 926-0450

Time Limits and methods for filing comments. The law requires these materials to be served on or before the date the operator files his Application. You have **FIVE (5) DAYS** after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments must include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

The Chief has the power to deny or condition a well work permit based on comments on the following grounds:

- 1) The proposed well work will constitute a hazard to the safety of persons.
- 2) The soil erosion and sediment control plan is not adequate or effective;
- 3) Damage would occur to publicly owned lands or resources;
- 4) The proposed well work fails to protect fresh water sources or supplies;
- 5) The applicant has committed a substantial violation of a previous permit or a substantial violation of one or more of the rules promulgated under Chapter 22, and has failed to abate or seek review of the violation..."

If you want a copy of the permit as it is issued or a copy of the order denying the permit, you should request a copy from the Chief.

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners and that I have received copies of a Notice and Application For A Permit To Plug And Abandon on Forms WW-4A and WW-4B, and a survey

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

**FOR EXECUTION BY A NATURAL PERSON
ETC.**

FOR EXECUTION BY A CORPORATION,

_____	Date _____	Name _____
Signature		By _____
		Its _____
		Date _____

Signature

Date 05/28/2021

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MAR 15 2021

WV Department of
Environmental Protection

WW-4B

API No. 47-103-00628
Farm Name _____
Well No. McHenry, AR 7

**INSTRUCTIONS TO COAL OPERATORS
OWNERS AND LESSEE**

The well operator named on the obverse side of WW-4 (B) is about to abandon the well described in the enclosed materials and will commence the work of plugging and abandoning said well on the date the inspector is notified. Which date shall not be less than five days after the day on which this notice and application so mailed is received, or in due course should be received by the Department of Environmental Protection Office of Oil & Gas.

This notice and application is given to you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not the operator will proceed to plug and fill said well in the manner required by Section 24, Article 6, Chapter 22 of the Code and given in detail on obverse side of this application.

NOTE: If you wish this well to be plugged according to 22-6-24(d) then as per Regulation 35CSR4-13.9 you must complete and return to this office on form OB-16 "Request by Coal Operator, Owner, or Lessee for plugging" prior to the issuance of this plugging permit.

WAIVER

The undersigned coal operator _____ / owner _____ / lessee _____ / of the coal under this well location has examined this proposed plugging work order. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: _____

By: _____

Its _____

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Environmental Protection

05/28/2021

WW-9
(5/16)

API Number 47 - 103 - 00628
Operator's Well No. _____

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS
FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name Tribune Resources, LLC. OP Code 494514693

Watershed (HUC 10) Little Fishing Creek Quadrangle Wileyville

Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes No

Will a pit be used? Yes No

ANY WELL EFFLUENT MUST BE CONTAINED
IN TANKS AND DISPOSED OFF-SITE
gack

If so, please describe anticipated pit waste: _____

Will a synthetic liner be used in the pit? Yes No If so, what ml.? _____

Proposed Disposal Method For Treated Pit Wastes:

- Land Application (if selected provide a completed form WW-9-GPP)
- Underground Injection (UIC Permit Number _____)
- Reuse (at API Number _____)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain _____)

Dmt
3-9-21

Will closed loop system be used? If so, describe: N/A

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. N/A

-If oil based, what type? Synthetic, petroleum, etc. N/A

Additives to be used in drilling medium? N/A

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. N/A

-If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust) N/A

-Landfill or offsite name/permit number? N/A

Permittee shall provide written notice to the Office of Oil and Gas of any load of drill cuttings or associated waste rejected at any West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the permittee shall also disclose where it was properly disposed.

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on April 1, 2016, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable law or regulation can lead to enforcement action.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment.

Company Official Signature [Signature]

Company Official (Typed Name) Lee Lawson

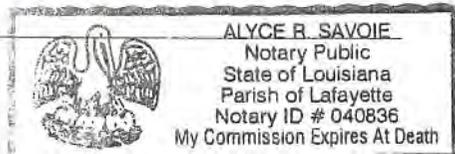
Company Official Title Regulatory/HSE Director

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MAR 15 2021
WV Department of
Environmental Protection

Subscribed and sworn before me this 4th day of February, 20 21

[Signature]
Notary Public

My commission expires with life



05/28/2021

Operator's Well No. _____

Proposed Revegetation Treatment: Acres Disturbed 0.5 Prevegetation pH _____

Lime 2 Tons/acre or to correct to pH 6.5

Fertilizer type 10-10-20

Fertilizer amount 500 lbs/acre

Mulch Straw 2 Tons/acre

Seed Mixtures

Temporary

Permanent

Seed Type lbs/acre

Seed Type lbs/acre

Tall Fescue 40

Ladino Clover 5

Attach:

Maps(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided). If water from the pit will be land applied, provide water volume, include dimensions (L, W, D) of the pit, and dimensions (L, W), and area in acres, of the land application area.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: 

Comments: _____

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WV Department of
Environmental Protection

Title: Oil + Gas Inspector

Date: 3-9-21

Field Reviewed? () Yes () No

N/A

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS
GROUNDWATER PROTECTION PLAN

Operator Name: Tribune Resources, LLC.
Watershed (HUC 10): Little Fishing Creek Quad: Wileyville
Farm Name: _____

- 1. List the procedures used for the treatment and discharge of fluids. Include a list of all operations that could contaminate the groundwater.

[Empty response box for question 1]

- 2. Describe procedures and equipment used to protect groundwater quality from the list of potential contaminant sources above.

[Empty response box for question 2]

- 3. List the closest water body, distance to closest water body, and distance from closest Well Head Protection Area to the discharge area.

[Empty response box for question 3]

- 4. Summarize all activities at your facility that are already regulated for groundwater protection.

[Empty response box for question 4]

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- 5. Discuss any existing groundwater quality data for your facility or an adjacent property.

N/A

6. Provide a statement that no waste material will be used for deicing or fill material on the property.

7. Describe the groundwater protection instruction and training to be provided to the employees. Job procedures shall provide direction on how to prevent groundwater contamination.

8. Provide provisions and frequency for inspections of all GPP elements and equipment.

Signature: _____

Date: _____

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4710300628P

A.R. McHenry #7
API: 47-103-00628
Long: -80.691254 Lat:39.635811

Proctor

WEST VIRGINIA

WETZEL

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Environmental Protection

TRIBUNE RESOURCES
A.R. MCHENRY #7

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., Swire, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

05/28/2021

WW-7
8-30-06



West Virginia Department of Environmental Protection
Office of Oil and Gas

WELL LOCATION FORM: GPS

API: 47-103-00628 WELL NO.: 7

FARM NAME: A. R. McHenry

RESPONSIBLE PARTY NAME: Harman Brown

COUNTY: Wetzel DISTRICT: Proctor

QUADRANGLE: Wileyville

SURFACE OWNER: Susan R. White

ROYALTY OWNER: Harold H. or Donna M. Blake

UTM GPS NORTHING: 4387382.50

UTM GPS EASTING: 526493.71 GPS ELEVATION: 1056'

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit or assigned API number on the above well. The Office of Oil and Gas will not accept GPS coordinates that do not meet the following requirements:

1. Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
2. Accuracy to Datum – 3.05 meters
3. Data Collection Method:

Survey grade GPS : Post Processed Differential

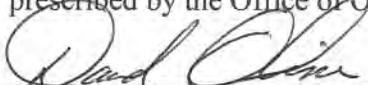
Real-Time Differential

Mapping Grade GPS : Post Processed Differential

Real-Time Differential

4. **Letter size copy of the topography map showing the well location.**

I the undersigned, hereby certify this data is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Office of Oil and Gas.


Signature

Facilities/Pipeline Engineer

Title

2-11-21
Date

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