

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☒ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address DJR Operating, LLC 1 Road 3263 Aztec, NM 87410		² OGRID Number 371838	
		³ Reason for Filing Code/ Effective Date NW	
⁴ API Number 30-045-38234	⁵ Pool Name Bettonnie Tsosie Wash; Mancos (Oil)		⁶ Pool Code 98175
⁷ Property Code 325179	⁸ Property Name Bettonnie Tsosie Wash Unit		⁹ Well Number 506H

II. ¹⁰ Surface Location

Ul or lot no. G	Section 34	Township 23N	Range 08W	Lot Idn	Feet from the 1474'	North/South Line North	Feet from the 2329'	East/West line East	County San Juan
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¹¹ Bottom Hole Location

UL or lot no. N	Section 35	Township 23N	Range 08W	Lot Idn	Feet from the 919'	North/South line South	Feet from the 1789'	East/West line West	County San Juan
¹² Lse Code F	¹³ Producing Method Code F		¹⁴ Gas Connection Date 05/19/22		¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date	

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
248440	Western Refining Company, LP	O
	6500 Townbridge Drive, El Paso, TX 79905	
151618	Enterprise Field Services, LLC	G
	Post Office Box 4503, Houston, TX 77001	

IV. Well Completion Data

²¹ Spud Date 07/15/21	²² Ready Date 05/09/22	²³ TD 9,537' MD 4,832' TVD	²⁴ PBTD 9,516' MD 4,832' TVD	²⁵ Perforations 5,661'-9,460' MD 4,852'- 4,885' TVD Frac Sleeve @ 9,494'	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set	³⁰ Sacks Cement
12.25		9.625" 36# J55		357'	109
8.75		7" 26# J55		5,376'	605
6.125		4.5" 11.6# P110		TOL: 4,988' BOL: 9,531'	382
		2.875" 6.5# L80 Tubing		5,220'	

V. Well Test Data

³¹ Date New Oil 05/10/22	³² Gas Delivery Date 05/19/22	³³ Test Date 05/11/22	³⁴ Test Length 24	³⁵ Tbg. Pressure 491	³⁶ Csg. Pressure 992
³⁷ Choke Size 40/64	³⁸ Oil 481	³⁹ Water 982	⁴⁰ Gas 1084		⁴¹ Test Method F
⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Shaw-Marie Ford</i>			OIL CONSERVATION DIVISION		
Printed name: Shaw-Marie Ford			Approved by: <i>PATRICIA MARTINEZ</i>		
Title: Regulatory Specialist			Title: <i>PETROLEUM SPECIALIST</i>		
E-mail Address: sford@djrlle.com			Approval Date: <i>1/12/2023</i>		
Date: 05/27/22		Phone: 505-716-3297			

DISTRICT I1625 N. French Dr., Hobbs, N.M. 88240
Phone: (575) 393-6161 Fax: (575) 393-0720**DISTRICT II**811 S. First St., Artesia, N.M. 88210
Phone: (575) 748-1283 Fax: (575) 748-9720**DISTRICT III**1000 Rio Brazos Rd., Aztec, N.M. 87410
Phone: (505) 334-6178 Fax: (505) 334-6170**DISTRICT IV**1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462State of New Mexico
Energy, Minerals & Natural Resources DepartmentForm C-102
Revised August 1, 2011OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505Submit one copy to appropriate
District Office☒ AMENDED REPORT
As Drilled

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-38234	² Pool Code 98175	³ Pool Name BETONNIE TSOSIE WASH UNIT MANCOS OIL POOL
⁴ Property Code 325179	⁵ Property Name BETONNIE TSOSIE WASH UNIT	⁶ Well Number 506H
⁷ OGRID No. 371838	⁸ Operator Name DJR OPERATING, LLC	⁹ Elevation 6834'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	34	23N	8W		1474'	NORTH	2329'	EAST	SAN JUAN

¹¹ Bottom Hole Location If Different From Surface

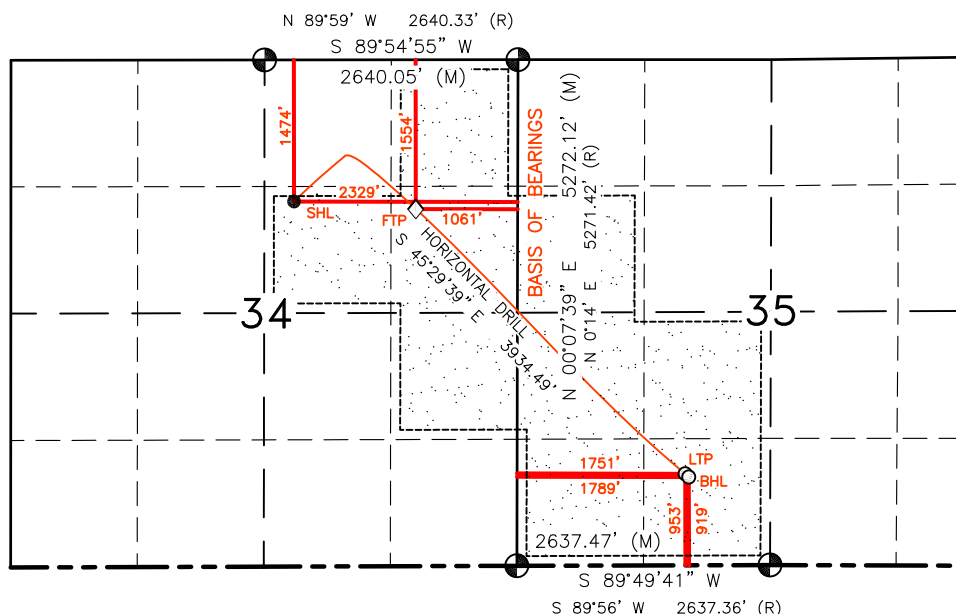
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	35	23N	8W		919'	SOUTH	1789'	WEST	SAN JUAN

¹² Dedicated Acres
PENETRATED SPACING UNIT;
SEC 34: SW/NE, NE/NE, SE/NE & NE/SE
(160 AC.); SEC 35: SW/4 & SW/NW (200
AC.) = 360 ACRES¹³ Joint or Infill¹⁴ Consolidation Code¹⁵ Order No.

R-13930 R-13930A

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16

FND 2 1/2" BC
GLO 1947SURFACE LOCATION (SHL)
LAT. 36.186578° N (NAD83)
LONG. 107.667812° W (NAD83)NOTE: Lateral Information was
taken from survey report issued
by Scientific Drilling.
Date: 24-Aug-21FIRST TAKE POINT (FTP)
LAT. 36.186358° N (NAD83)
LONG. 107.663515° W (NAD83)LAST TAKE POINT (LTP)
LAT. 36.178767° N (NAD83)
LONG. 107.654024° W (NAD83)BOTTOM HOLE LOCATION (BHL)
LAT. 36.178674° N (NAD83)
LONG. 107.653895° W (NAD83)

17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Shaw-Marie Ford 02/04/22
Signature Date

Shaw-Marie Ford

Printed Name

sford@djrlc.com

E-mail Address

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

AUGUST 30, 2021

Date of Survey

Signature and Seal of Professional Surveyor:



Certificate Number

11393



DJR

Betonne Tsoie Unit

G34 2308 Pad

#506H

End of Well Report



www.scientificdrilling.com

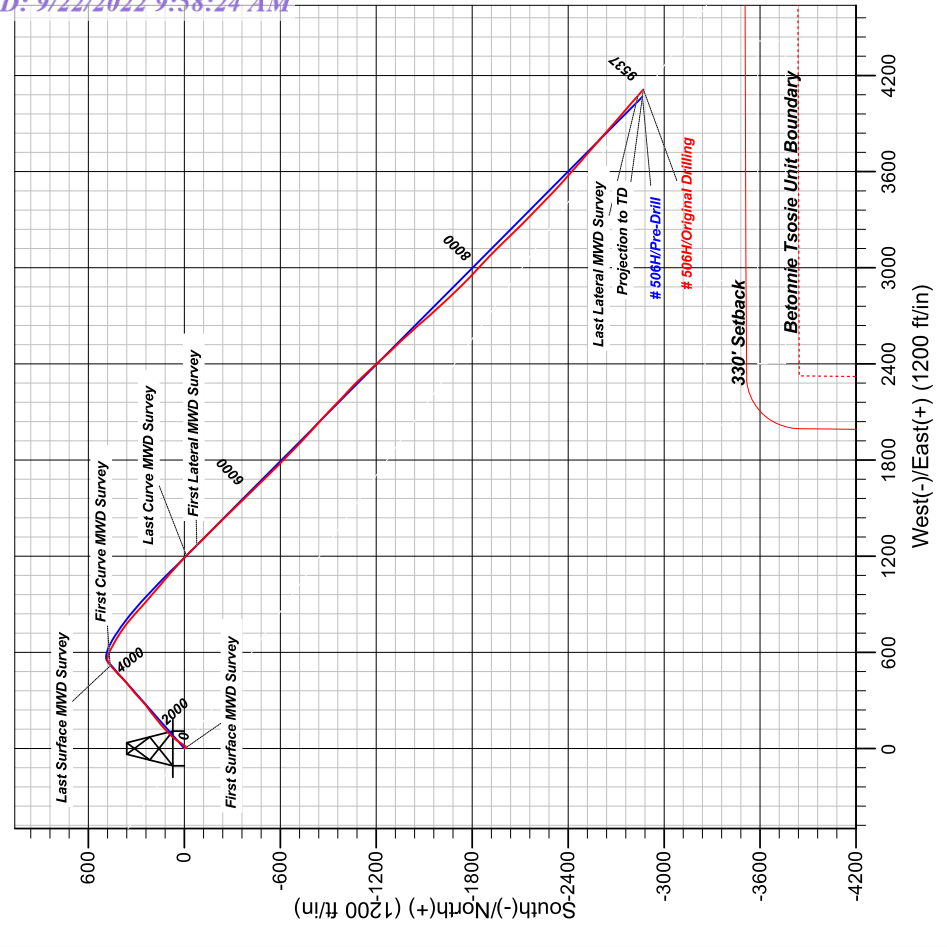
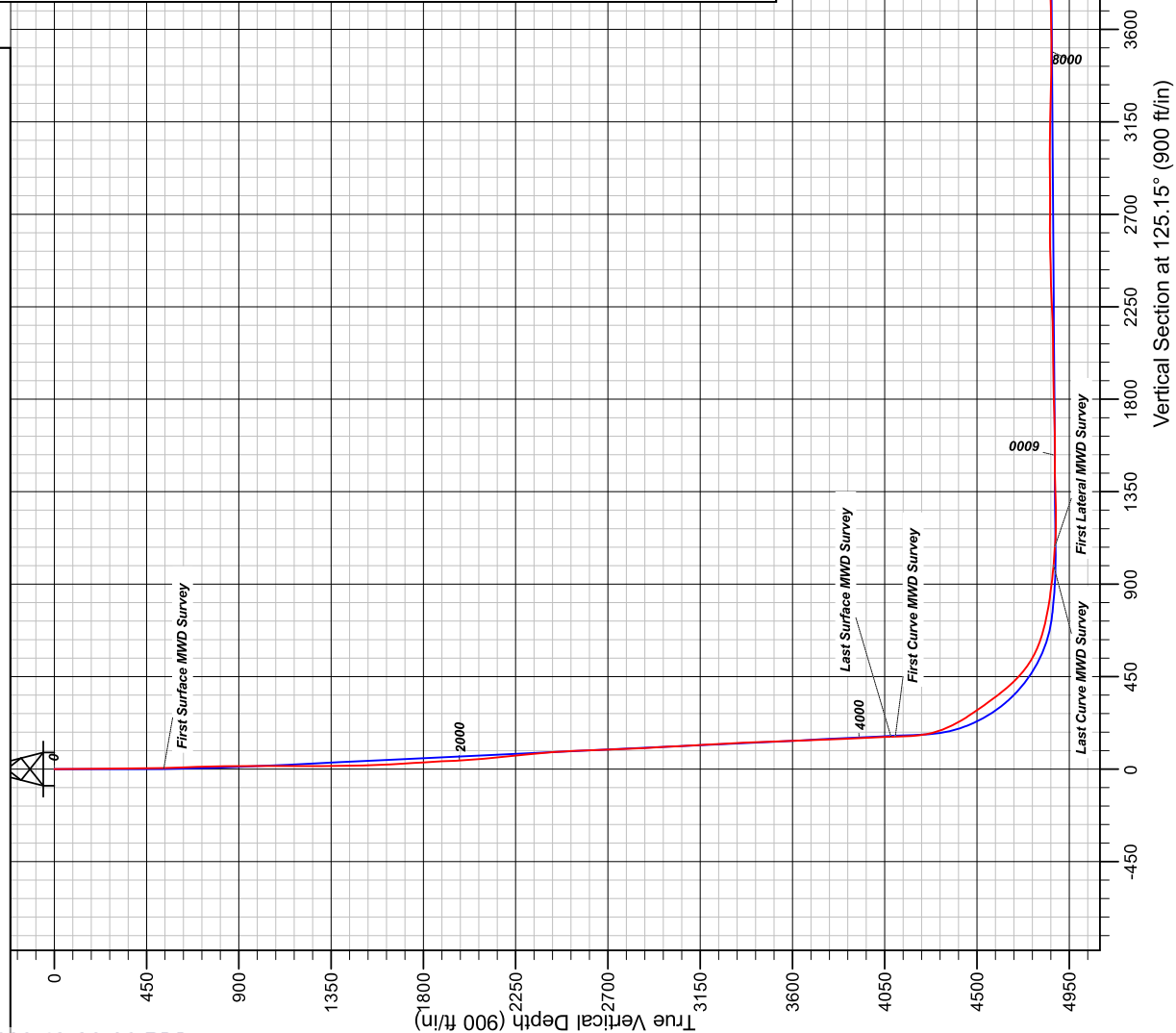


Company Name: DJR Operating
Project: Betonnie Tsosie Unit
Site: G34 2308 Pad
Well: # 506H
Wellbore: Original Drilling



WELL DETAILS: # 506H

GL 6834 & RKB 26' @ 6860ft (H&P 443) 6834			
+N/-S	+E/-W	Northing	Longitude
0	0	1887253.23	-107.66781200
4			



Design: Original Drilling (# 506H/Original Drilling)
Created By: Janie Collins Date: 14:33, August 24 2021
PROJECT DETAILS: Betonnie Tsosie Unit
Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: New Mexico Western Zone
System Datum: Mean Sea Level
Local North: True



DJR Operating

Betonne Tsoie Unit

G34 2308 Pad

506H - Slot 4

Original Drilling

Design: Original Drilling

Standard Survey Report

24 August, 2021



www.scientificdrilling.com





Scientific Drilling Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well # 506H - Slot 4
Project:	Betonne Tsoie Unit	TVD Reference:	GL 6834' & RKB 26' @ 6860ft (H&P 443)
Site:	G34 2308 Pad	MD Reference:	GL 6834' & RKB 26' @ 6860ft (H&P 443)
Well:	# 506H	North Reference:	True
Wellbore:	Original Drilling	Survey Calculation Method:	Minimum Curvature
Design:	Original Drilling	Database:	Grand Junction

Project	Betonne Tsoie Unit		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Western Zone		

Site	G34 2308 Pad		
Site Position:		Northing:	1,887,253.23 usft
From:	Lat/Long	Easting:	2,771,935.23 usft
Position Uncertainty:	0 ft	Slot Radius:	13.20 in
		Latitude:	36.18657800
		Longitude:	-107.66781200
		Grid Convergence:	0.10 °

Well	# 506H - Slot 4		
Well Position	+N/-S	0 ft	Northing:
	+E/-W	0 ft	Easting:
Position Uncertainty	0 ft	Wellhead Elevation:	ft
		Latitude:	36.18657800
		Longitude:	-107.66781200
		Ground Level:	6834 ft

Wellbore	Original Drilling				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM2021_FILE	8/14/2021	8.57	62.68	49,156.90000000

Design	Original Drilling				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	0	0	0	125.15	

Survey Program	Date	8/24/2021			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
535	4158	Survey #1 - Surface MWD Survey (Original)	MWD+HDGM	OWSG MWD + HDGM	
4179	5455	Survey #2 - Curve MWD Survey (Original)	MWD+HDGM	OWSG MWD + HDGM	
5547	9537	Survey #3 - Lateral MWD Survey (Original)	MWD+HDGM	OWSG MWD + HDGM	

Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
0	0.00	0.00	0	0	0	0	0.00	0.00	0.00	
535	1.33	162.81	535	-6	2	5	0.25	0.25	0.00	
628	2.88	157.00	628	-9	3	8	1.68	1.67	-6.25	
662	3.10	155.06	662	-11	4	9	0.71	0.65	-5.71	
689	2.51	140.92	689	-12	4	10	3.35	-2.19	-52.37	
720	1.99	105.05	720	-13	5	12	4.75	-1.68	-115.71	
760	2.08	91.86	760	-13	7	13	1.19	0.23	-32.98	
782	2.19	75.82	782	-13	8	14	2.75	0.50	-72.91	
812	2.94	53.64	812	-12	9	14	4.10	2.50	-73.93	



Scientific Drilling

Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well # 506H - Slot 4
Project:	Betonne Tsoie Unit	TVD Reference:	GL 6834' & RKB 26' @ 6860ft (H&P 443)
Site:	G34 2308 Pad	MD Reference:	GL 6834' & RKB 26' @ 6860ft (H&P 443)
Well:	# 506H	North Reference:	True
Wellbore:	Original Drilling	Survey Calculation Method:	Minimum Curvature
Design:	Original Drilling	Database:	Grand Junction

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
852	3.42	38.15	852	-10	10	15	2.45	1.20	-38.73
872	4.13	40.20	872	-9	11	15	3.61	3.55	10.25
949	6.28	34.29	948	-4	15	15	2.87	2.79	-7.68
997	8.18	32.57	996	1	19	15	3.98	3.96	-3.58
1087	10.65	32.66	1085	14	27	14	2.74	2.74	0.10
1178	12.28	34.38	1174	29	37	13	1.83	1.79	1.89
1268	12.99	35.74	1262	45	48	13	0.86	0.79	1.51
1360	14.40	40.96	1351	62	61	15	2.04	1.53	5.67
1453	11.89	39.48	1442	78	75	17	2.72	-2.70	-1.59
1544	11.43	46.19	1531	91	88	19	1.57	-0.51	7.37
1635	12.31	46.26	1620	104	101	23	0.97	0.97	0.08
1724	13.84	49.64	1707	118	116	27	1.92	1.72	3.80
1817	12.48	49.59	1797	132	132	32	1.46	-1.46	-0.05
1911	13.42	47.31	1889	145	148	37	1.14	1.00	-2.43
2006	13.82	47.54	1981	161	164	42	0.42	0.42	0.24
2101	16.60	51.77	2073	177	183	48	3.15	2.93	4.45
2196	17.85	53.07	2163	194	206	57	1.38	1.32	1.37
2290	16.91	53.81	2253	211	228	65	1.03	-1.00	0.79
2385	16.80	54.41	2344	227	251	74	0.22	-0.12	0.63
2480	15.38	49.82	2435	243	271	82	2.01	-1.49	-4.83
2575	13.87	46.83	2527	259	289	88	1.78	-1.59	-3.15
2670	11.32	47.39	2620	273	305	92	2.69	-2.68	0.59
2765	10.03	45.95	2713	285	317	95	1.39	-1.36	-1.52
2860	9.26	50.47	2807	296	329	99	1.14	-0.81	4.76
2955	10.89	50.44	2900	306	342	103	1.72	1.72	-0.03
3050	12.42	49.41	2994	318	357	108	1.63	1.61	-1.08
3145	11.32	49.39	3086	331	372	113	1.16	-1.16	-0.02
3240	12.91	50.39	3179	344	387	118	1.69	1.67	1.05
3335	12.21	49.66	3272	357	403	123	0.76	-0.74	-0.77
3430	11.28	50.53	3365	370	417	128	1.00	-0.98	0.92
3525	10.81	45.62	3458	382	431	133	1.11	-0.49	-5.17
3620	9.90	43.76	3552	394	443	135	1.02	-0.96	-1.96
3715	10.12	45.67	3645	406	455	138	0.42	0.23	2.01
3810	12.58	48.36	3738	418	468	142	2.65	2.59	2.83
3905	11.28	45.98	3831	432	483	146	1.46	-1.37	-2.51
4000	10.99	52.19	3925	444	497	151	1.30	-0.31	6.54
4095	10.31	47.37	4018	455	510	155	1.18	-0.72	-5.07
4158	8.83	45.73	4080	462	518	157	2.39	-2.35	-2.60
4179	9.63	46.63	4101	465	520	158	3.87	3.81	4.29
4274	11.50	52.72	4194	476	533	162	2.29	1.97	6.41
4338	15.68	82.89	4257	481	547	170	12.65	6.53	47.14
4369	18.36	88.29	4286	481	556	178	10.03	8.65	17.42
4464	26.44	111.32	4374	474	591	210	12.41	8.51	24.24



Scientific Drilling

Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well # 506H - Slot 4
Project:	Betonne Tsoie Unit	TVD Reference:	GL 6834' & RKB 26' @ 6860ft (H&P 443)
Site:	G34 2308 Pad	MD Reference:	GL 6834' & RKB 26' @ 6860ft (H&P 443)
Well:	# 506H	North Reference:	True
Wellbore:	Original Drilling	Survey Calculation Method:	Minimum Curvature
Design:	Original Drilling	Database:	Grand Junction

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
4559	33.48	120.41	4456	453	633	257	8.80	7.41	9.57
4654	35.58	119.79	4535	426	680	310	2.24	2.21	-0.65
4749	37.20	121.98	4611	397	728	367	2.19	1.71	2.31
4844	45.62	130.08	4682	360	779	429	10.49	8.86	8.53
4939	53.17	130.43	4744	313	834	501	7.95	7.95	0.37
5034	66.41	132.08	4792	259	895	583	14.02	13.94	1.74
5129	75.99	130.43	4822	200	963	672	10.22	10.08	-1.74
5224	79.08	130.12	4843	140	1033	764	3.27	3.25	-0.33
5319	82.12	131.72	4858	79	1104	858	3.61	3.20	1.68
5455	85.57	133.55	4873	-13	1204	992	2.87	2.54	1.35
5547	85.57	136.84	4880	-78	1268	1082	3.57	0.00	3.58
5640	88.32	135.33	4885	-145	1333	1173	3.37	2.96	-1.62
5734	91.88	134.84	4885	-211	1399	1266	3.82	3.79	-0.52
5825	92.28	135.05	4882	-276	1463	1355	0.50	0.44	0.23
5918	89.77	136.15	4880	-342	1529	1447	2.95	-2.70	1.18
6011	89.53	135.38	4881	-409	1593	1538	0.87	-0.26	-0.83
6103	91.28	135.85	4880	-474	1658	1629	1.97	1.90	0.51
6195	91.71	135.92	4877	-540	1722	1719	0.47	0.47	0.08
6288	91.98	135.75	4874	-607	1787	1810	0.34	0.29	-0.18
6380	90.03	133.37	4873	-672	1852	1901	3.34	-2.12	-2.59
6472	91.37	132.82	4872	-734	1919	1992	1.57	1.46	-0.60
6564	89.90	131.86	4871	-796	1987	2083	1.91	-1.60	-1.04
6656	92.42	133.12	4869	-858	2055	2175	3.06	2.74	1.37
6747	92.98	133.62	4865	-921	2121	2265	0.82	0.62	0.55
6839	91.17	133.55	4861	-984	2188	2355	1.97	-1.97	-0.08
6931	91.27	133.37	4859	-1048	2254	2446	0.22	0.11	-0.20
7023	91.84	137.58	4857	-1113	2319	2537	4.62	0.62	4.58
7114	89.78	137.52	4855	-1180	2380	2626	2.26	-2.26	-0.07
7207	89.63	137.30	4856	-1249	2443	2717	0.29	-0.16	-0.24
7299	89.77	136.37	4856	-1316	2506	2807	1.02	0.15	-1.01
7391	91.07	137.94	4856	-1383	2569	2897	2.22	1.41	1.71
7483	90.27	138.68	4855	-1452	2630	2986	1.18	-0.87	0.80
7574	88.86	137.95	4855	-1520	2690	3075	1.74	-1.55	-0.80
7666	88.81	137.96	4857	-1588	2752	3165	0.06	-0.05	0.01
7760	88.86	136.86	4859	-1657	2816	3256	1.17	0.05	-1.17
7852	88.29	135.49	4861	-1724	2879	3347	1.61	-0.62	-1.49
7944	89.97	133.15	4863	-1788	2945	3438	3.13	1.83	-2.54
8036	90.10	133.17	4863	-1851	3012	3529	0.14	0.14	0.02
8128	91.01	134.63	4862	-1915	3079	3620	1.87	0.99	1.59
8221	91.61	135.72	4860	-1981	3144	3711	1.34	0.65	1.17
8313	91.31	135.11	4857	-2046	3209	3802	0.74	-0.33	-0.66
8405	91.61	135.79	4855	-2112	3273	3892	0.81	0.33	0.74
8497	88.56	133.99	4855	-2177	3338	3983	3.85	-3.32	-1.96



Scientific Drilling

Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well # 506H - Slot 4
Project:	Betonne Tsoie Unit	TVD Reference:	GL 6834' & RKB 26' @ 6860ft (H&P 443)
Site:	G34 2308 Pad	MD Reference:	GL 6834' & RKB 26' @ 6860ft (H&P 443)
Well:	# 506H	North Reference:	True
Wellbore:	Original Drilling	Survey Calculation Method:	Minimum Curvature
Design:	Original Drilling	Database:	Grand Junction

Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
8589	88.56	134.19	4857	-2241	3404	4074	0.22	0.00	0.22	
8681	88.02	133.87	4860	-2305	3471	4164	0.68	-0.59	-0.35	
8773	88.05	131.73	4863	-2367	3538	4256	2.32	0.03	-2.33	
8865	89.90	130.97	4865	-2428	3607	4347	2.17	2.01	-0.83	
8958	90.60	131.57	4864	-2489	3677	4439	0.99	0.75	0.65	
9049	93.66	131.13	4861	-2549	3745	4530	3.40	3.36	-0.48	
9141	93.46	131.25	4855	-2610	3814	4621	0.25	-0.22	0.13	
9234	93.76	131.06	4849	-2671	3884	4713	0.38	0.32	-0.20	
9325	93.03	131.36	4844	-2731	3953	4804	0.87	-0.80	0.33	
9417	93.39	130.91	4839	-2791	4022	4895	0.63	0.39	-0.49	
9486	93.59	131.02	4835	-2836	4074	4964	0.33	0.29	0.16	
9537	93.59	131.02	4832	-2870	4112	5014	0.00	0.00	0.00	

Design Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (usft)	Easting (usft)	Latitude	Longitude	
506H Toe	0.00	0.00	4855	-2864	4068	1,884,395.81	2,776,007.71	36.17870850	-107.65402910	
- actual wellpath misses target center by 35ft at 9486ft MD (4835 TVD, -2836 N, 4074 E)										
- Circle (radius 100)										
506H 85° Casing	0.00	0.00	4868	152	1039	1,887,407.21	2,772,973.89	36.18699608	-107.66429127	
- actual wellpath misses target center by 28ft at 5224ft MD (4843 TVD, 140 N, 1034 E)										
- Point										
506H Heel	0.00	0.00	4883	-20	1226	1,887,235.11	2,773,161.36	36.18652240	-107.66365700	
- actual wellpath misses target center by 13ft at 5477ft MD (4875 TVD, -28 N, 1219 E)										
- Circle (radius 50)										

Design Annotations					
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates			
		+N/-S (ft)	+E/-W (ft)	Comment	
535	535	-6	2	First Surface MWD Survey	
4158	4080	462	518	Last Surface MWD Survey	
4179	4101	465	520	First Curve MWD Survey	
5455	4873	-13	1204	Last Curve MWD Survey	
5547	4880	-78	1268	First Lateral MWD Survey	
9486	4835	-2836	4074	Last Lateral MWD Survey	
9537	4832	-2870	4112	Projection to TD	

Checked By: _____	Approved By: _____	Date: _____
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**Directional Survey Certification**

7237 Barton Drive
Casper, WY 82604
(307) 472-6621

Operator	DJR Energy
Well Name & No.	Betonnies Tsosie Unit G34 2308 506H
County & State	San Juan, NM
SDI Job No.	OP.030198
Rig	H&P 443

I, Janie Collins, having personal knowledge of all the facts, hereby certify that the attached directional survey run from a measured depth of 535 feet to a measured depth of 9,537 feet is true and correct as determined from all available records.

A handwritten signature in blue ink, appearing to read 'Janie Collins', written over a horizontal line.

Signature

24-Aug-21

Date

Janie Collins
Contract Well Planner
Scientific Drilling International

Well Name: BETONNIE TSOSIE WASH UNIT	Well Location: T23N / R8W / SEC 34 / SWNE /	County or Parish/State:
Well Number: 506H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM50999	Unit or CA Name:	Unit or CA Number: NMNM135219A
US Well Number: 3004538234	Well Status: Drilling Well	Operator: DJR OPERATING LLC

Subsequent Report

Sundry ID: 2671067

Type of Submission: Subsequent Report

Date Sundry Submitted: 05/10/2022

Date Operation Actually Began: 04/10/2022

Type of Action: Hydraulic Fracturing

Time Sundry Submitted: 12:31

Actual Procedure: Completion Sundry 3/25/22: PT 4.5" x 7" casing 2000 psi (5 min) bleed down 7" to 1000 psi, pressure up 4.5" to 7050 psi & hold (15 min). Pressure up to 7500 psi & hold (15 min). All test good & recorded on chart. 4/10/22 to 4/12/22: Plug & Perf 13 stages. 3 spf with .35" diameter from 9460' to 5661'MD (4852' to 4885' TVD) Total of 455 open holes. Frac 13 stages with 21,237 bbls of fluid. 4,010,386 lbs of proppant. 34,825,290 scf of N2. Plugs set from 9181' to 5934'. Kill plug at 5460'. 5/7/22 to 5/8/22: MIRU AWS 812. NU BOP. PT pipe rams, flowback, blind rams high 4750 psi (10 min) low 300 psi (5 min). Annular high 2550 psi (10 min) low 300 psi (5 min). All test good recorded on chart. TIH. Drill out plugs. TOH. 5/9/22: PT BOP high 2500 psi, low 250 psi (30 min). Test good & recorded on chart. RIH with production string. Land 159 jts of 2.875" 6.5# L80 STC tubing. EOT: 5220'. 3 GLVs set at 4084' – 2972' – 1631'. TOH. ND BOP. NU production tree. PT wellhead & components high 5000 psi (30 min). Test good & recorded on chart. Turn well over to production. Rig AWS 812 released on 5/9/22.

Well Name: BETONNIE TSOSIE WASH UNIT	Well Location: T23N / R8W / SEC 34 / SWNE /	County or Parish/State:
Well Number: 506H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM50999	Unit or CA Name:	Unit or CA Number: NMNM135219A
US Well Number: 3004538234	Well Status: Drilling Well	Operator: DJR OPERATING LLC

Operator

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: SHAW-MARIE FORD	Signed on: MAY 10, 2022 12:31 PM
Name: DJR OPERATING LLC	
Title: Regulatory Specialist	
Street Address: 1 Road 3263	
City: Aztec	State: NM
Phone: (505) 632-3476	
Email address: sford@djrlc.com	

Field

Representative Name:		
Street Address:		
City:	State:	Zip:
Phone:		
Email address:		

BLM Point of Contact

BLM POC Name: KENNETH G RENNICK	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5055647742	BLM POC Email Address: krennick@blm.gov
Disposition: Accepted	Disposition Date: 05/13/2022
Signature: Kenneth Rennick	



U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

Well Completion Print

09/22/2022

Operator Name DJR OPERATING LLC	Well Name BETONNIE TSOSIE WASH UNIT	Well Number 506H	US Well Number 3004538234
SHL SWNE Sec 34 23N 8W	County SAN JUAN	State NM	Lease Number(s) NMNM50999
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s) NMNM135219A
Allottee/Tribe Name	Well Pad Name BETONNIE TSOSIE WASH UNIT	Well Pad Number 506H, 507H, 508H, 509H	ID 10400061379

Section 1 - General

Well Completion Report Id:	Submission Date: 06-08-2022	
BLM Office: Farmington Field Office	User: SHAW-MARIE FORD	Title: Regulatory Specialist
Federal/Indian: FEDERAL	Lease Number: NMNM50999	Lease Acres:
Agreement in place?: YES	Federal or Indian Agreement:	
Agreement Number:	Agreement Name:	
Keep this Well Completion Report confidential?: NO		
APD Operator: DJR OPERATING LLC		

Section 2 - Well

Field/Pool or Exploratory:	Pool Name: BETONNIE TSOSIE	Field Name: BASIN MANCOS
Well Type: OIL WELL		
Spud Date: 07-15-2021		
Date Total Measured Depth Reached: 08-20-2021		
Drill & Abandon or Ready To Produce: READY TO		
Well Class: HORIZONTAL		

Section 3 - Geologic

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral
OJO ALAMAO	SANDSTONE		6834	613	613	USEABLE WATER	
KIRTLAND	SHALE		6070	764	765	NONE	

Operator Name DJR OPERATING LLC	Well Name BETONNIE TSOSIE WASH UNIT	Well Number 506H	US Well Number 3004538234
SHL SWNE Sec 34 23N 8W	County SAN JUAN	State NM	Lease Number(s) NMNM50999
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s) NMNM135219A
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Section 3 - Geologic

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral
FRUITLAND	COAL		5867	967	971	NATURAL GAS	
PICTURED CLIFFS	SANDSTONE		5602	1232	1242	USEABLE WATER	
LEWIS	SHALE		5450	1384	1397	NONE	
CHACRA	SANDSTONE		4885	1949	1975	NONE	
MENEFEE	COAL, SANDSTONE		4140	2694	2737	NATURAL GAS	
POINT LOOKOUT	SANDSTONE		3190	3644	3709	NONE	
MANCOS	SHALE		3036	3798	3867	NONE	
MANCOS	SILTSTONE		2759	4075	4150	NATURAL GAS, OIL	
GALLUP	SILTSTONE		2254	4580	4684	NATURAL GAS, OIL	
GALLUP	SANDSTONE		2201	4633	4751	NATURAL GAS, OIL	
GALLUP	SANDSTONE		2095	4739	4904	NATURAL GAS, OIL	
GALLUP	SANDSTONE		1963	4871	5331	NATURAL GAS, OIL	

Completion and Completed

Operator Name DJR OPERATING LLC	Well Name BETONNIE TSOSIE WASH UNIT	Well Number 506H	US Well Number 3004538234
SHL SWNE Sec 34 23N 8W	County SAN JUAN	State NM	Lease Number(s) NMNM50999
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s) NMNM135219A
Allottee/Tribe Name	Well Pad Name BETONNIE TSOSIE WASH UNIT	Well Pad Number 506H, 507H, 508H, 509H	ID 10400061379

Completion Data

Wellbore Code	Completion Code	Interval Number	Case Number	Lease Number	Well Completion Type	Describe Well Completion Type	Completion Status	Date Completed	Date First Produced	Formation	Interval Top (MD)	Interval Bottom (MD)	Interval Perforated?	Perforation Size	Number of Holes	Status of Interval
00	S1	1	NMNM135219A	NMNM50999	NEW		POW	05-09-2022	05-10-2022	GALLUP	5661	9460	Y	.35	455	OPEN

Treatment Data

Wellbore Code	Completion Code	Interval Number	Interval Treated?	Treatment Type	Tottle Fluid (bbls)	Total Proppant (lbs)	Treatment Remarks
00	S1	1	Y	FRAC	21237	4010386	Chemical Disclosure uploaded to FracFocus.org

Production Data

Wellbore Code	Completion Code	Interval Number	API Oil Gravity	Gas Gravity	Production Method	Describe Production	Disposition of Gas	Describe Disposition
00	S1	1			GAS LIFT		SOLD	

Operator Name DJR OPERATING LLC	Well Name BETONNIE TSOSIE WASH UNIT	Well Number 506H	US Well Number 3004538234
SHL SWNE Sec 34 23N 8W	County SAN JUAN	State NM	Lease Number(s) NMNM50999
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s) NMNM135219A
Allottee/Tribe Name	Well Pad Name BETONNIE TSOSIE WASH UNIT	Well Pad Number 506H, 507H, 508H, 509H	ID 10400061379

Test Data

Wellbore Code	Completion Code	Interval Number	Test Date	Hours Tested	24-Hour Rate Oil (bbls)	24-Hour Rate Gas (MCF)	24-Hour Rate Water(BWPD)	Gas-Oil Ratio (SCF/Bbl)	Choke Size	Tubing Pressure	Tubing Pressure Shut-In (psi)	Casing Pressure (psi)
00	S1	1	05/11/2022	24	481	1084	982	2253	40/64	491		992

Well Location

Survey Type: RECTANGULAR

Survey Number:

Datum: NAD83

Vertical Datum: NAVD88

Reference Datum: GL

	State	Meridian	County	Latitude	Longitude	Elevation (MSL)	Lease Type	Lease Number	Plug TVD (ft)	Plug MD (ft)	Plug Type	NS-Foot	NS-Indicator	EW-Foot	EW-Indicator	Township	Range	Section	Aliquot/Lot/Tract
SHL	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.186578	-107.667812	6834	FEDERAL	NMNM50999				1474	FNL	2329	FEL	23N	8W	34	SWNE
KOP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.186578	-107.667812	6484	FEDERAL	NMNM50999				1474	FNL	2329	FEL	23N	8W	34	SWNE
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.183501	-107.659934	2002	FEDERAL	NMNM76842				0	FNL	0	FWL	23N	8W	35	SWNW
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.186358	-107.663515	1967	FEDERAL	NMNM50999				1554	FNL	1061	FEL	23N	8W	34	SENE
EXIT Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.178767	-107.654024	2002	FEDERAL	NMNM76842				959	FSL	1751	FWL	23N	8W	35	SESW

Operator Name DJR OPERATING LLC	Well Name BETONNIE TSOSIE WASH UNIT	Well Number 506H	US Well Number 3004538234
SHL SWNE Sec 34 23N 8W	County SAN JUAN	State NM	Lease Number(s) NMNM50999
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s) NMNM135219A
Allottee/Tribe Name	Well Pad Name BETONNIE TSOSIE WASH UNIT	Well Pad Number 506H, 507H, 508H, 509H	ID 10400061379

	State	Meridian	County	Latitude	Longitude	Elevation (MSL)	Lease Type	Lease Number	Plug TVD (ft)	Plug MD (ft)	Plug Type	NS-Foot	NS-Indicator	EW-Foot	EW-Indicator	Township	Range	Section	Aliquot/Lot/Tract
BHL Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.17867 4	- 107.6538 95	2002	FEDERAL	NMNM 76842	483 2	951 6		919	FSL	178 9	FWL	23N	8W	35	SESW

Casing, Liner and Tubing

Casing and Liner

Wellbore Code	Casing String Type	Hole Size	Top Setting Depth (MD)	Bottom Setting Depth (MD)	Casing Size	Wt(lbs/ft)	Casing Grade	Describe Other Casing Grade	Joint	Other Joint	Amount Pulled (ft)
00	SURFACE	12.25	0	383	9.625	36	J-55		ST&C		0
00	INTERMEDIATE	8.75	0	5376	7.0	26	J-55		LT&C		0
00	LINER	6.125	4988	9531	4.5	11.6	P-110		BUTT		0

Operator Name DJR OPERATING LLC	Well Name BETONNIE TSOSIE WASH UNIT	Well Number 506H	US Well Number 3004538234
SHL SWNE Sec 34 23N 8W	County SAN JUAN	State NM	Lease Number(s) NMNM50999
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s) NMNM135219A
Allottee/Tribe Name	Well Pad Name BETONNIE TSOSIE WASH UNIT	Well Pad Number 506H, 507H, 508H, 509H	ID 10400061379

Cementing

Wellbore Code	Casing String Type	Stage Tool Depth	Cement Lead Type	Cement Lead Qty (sks)	Cement Lead Yield (cu.ft/sks)	Cement Lead Top (MD)	Cement Tail Type	Cement Tail Qty (sks)	Cement Tail Yield(cu.ft/sks)	Cement Tail Top (MD)	Total (Lead + Tail) Cement Slurry Volume
00	SURFACE		I=II	109	1.61	0					31.3
00	INTERMEDIATE		G	374	2.32	0	G	231	1.5	3695	216.2
00	LINER		G	382	1.56	4988					106.1

Tubing

Wellbore Code	Tubing Size	Describe Other	Tubing Setting Depth (MD/ft)	Packer Depth (MD/ft)	Tubing Weight	Tubing Grade	Describe Other	Tubing Coupling	Describe Other
00	2.875		5220		6	L-80		ST&C	

Logs

Wellbore Code	Log Upload	Was Well Cored?	Was DST Run?	Directional Survey?	Geologic Report	Wellbore Diagram
00	NO	NO	NO	YES	NO	YES

Operator Name DJR OPERATING LLC	Well Name BETONNIE TSOSIE WASH UNIT	Well Number 506H	US Well Number 3004538234
SHL SWNE Sec 34 23N 8W	County SAN JUAN	State NM	Lease Number(s) NMNM50999
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s) NMNM135219A
Allottee/Tribe Name	Well Pad Name BETONNIE TSOSIE WASH UNIT	Well Pad Number 506H, 507H, 508H, 509H	ID 10400061379

Operator

I hereby certify that the foregoing and attached information is complete and correct as determined from all available records. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Well Completion Reports through this system satisfies regulations requiring a submission of Form 3160-4 or a Well Completion Report.

Name: DJR OPERATING LLC

Signed By: SHAW-MARIE FORD

Title: Regulatory Specialist

Signed on: 06/08/2022

Street Address: 1 Road 3263

City: Aztec

State: NM

Zip: 87410

Phone: (505)632-3476

Email address: sford@djrlc.com

Field

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Extension:

Email address:

Attachments

506H_Directional_Survey_Certified_20220608113022.pdf

506H_As_Drilled_Plat_WBD_BLM_20220608113204.pdf

Bettonnie Tsoie Wash Unit 506H

API: 30-045-38234

SHL: SWNE G-34-23N-08W

1474' FNL x 2329' FEL

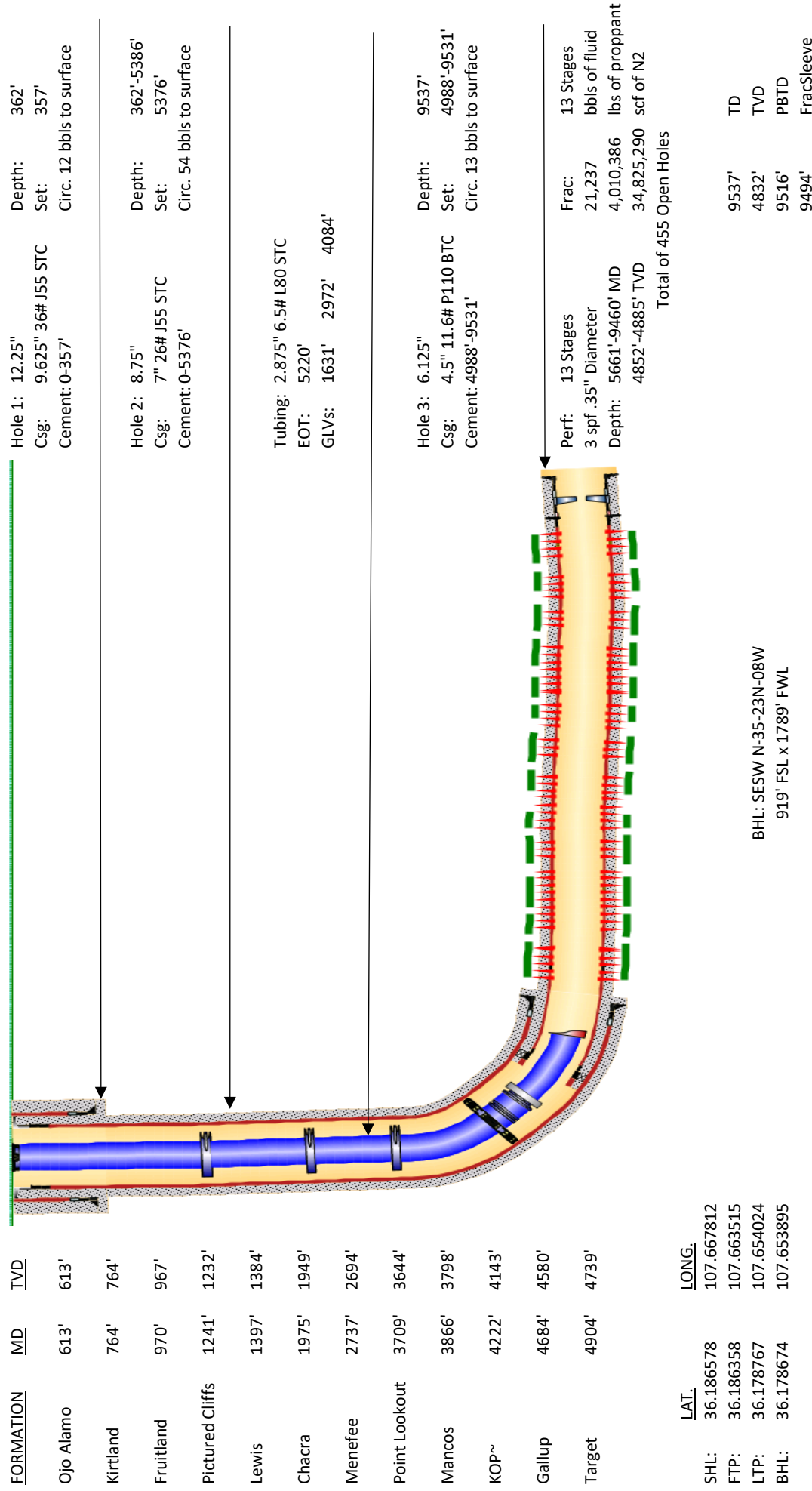
Elevation: 6834'

Spud Date: 07/15/2021

Completed Date: 05/09/2022



CURRENT WELLBORE



District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

ACKNOWLEDGMENTS

Action 145557

ACKNOWLEDGMENTS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 145557
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

☒	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
☒	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 145557

CONDITIONS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 145557
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	1/12/2023