

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

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 30-045-38240	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 504H

II. ¹⁰ Surface Location

Ul or lot no. E	Section 35	Township 23N	Range 08W	Lot Idn	Feet from the 1411'	North/South Line North	Feet from the 808'	East/West line West	County San Juan
--------------------	---------------	-----------------	--------------	---------	------------------------	---------------------------	-----------------------	------------------------	--------------------

¹¹ Bottom Hole Location

UL or lot no. P	Section 35	Township 23N	Range 08W	Lot Idn	Feet from the 404'	North/South line South	Feet from the 1259'	East/West line East	County San Juan
¹² Lse Code F	¹³ Producing Method Code F		¹⁴ Gas Connection Date 06/20/22		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 07/08/21	²² Ready Date 05/20/22	²³ TD 10,232' MD 4,949' TVD	²⁴ PBTD 10,214' MD 4,949' TVD	²⁵ Perforations 5,477'- 10,159' MD 4,948- 5,004' TVD Frac Sleeve @ 10,187'	²⁶ DHC, MC	
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set		³⁰ Sacks Cement
12.25		9.625" 36# J55		382'		109
8.75		7" 26# J55		5272'		620
6.125		4.5" 11.6# P110		TOL: 5,104' BOL: 10,228'		433
		2.875" 6.5# L80 Tubing		5,222'		

V. Well Test Data

³¹ Date New Oil 05/21/22	³² Gas Delivery Date 06/20/22	³³ Test Date 05/23/22	³⁴ Test Length 24	³⁵ Tbg. Pressure 618	³⁶ Csg. Pressure 1052
³⁷ Choke Size 38/64	³⁸ Oil 340	³⁹ Water 453	⁴⁰ Gas 1513		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: 07/06/22		Phone: 505-716-3297			

DISTRICT I

1625 N. French Dr., Hobbs, N.M. 88240
Phone: (575) 393-6161 Fax: (575) 748-0720

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) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
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
☒ AS-DRILLED

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-38240	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 504H
⁷ OGRID No. 371838	⁸ Operator Name DJR OPERATING, LLC	⁹ Elevation 6920'

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
E	35	23N	8W		1411'	NORTH	808'	WEST	SAN JUAN

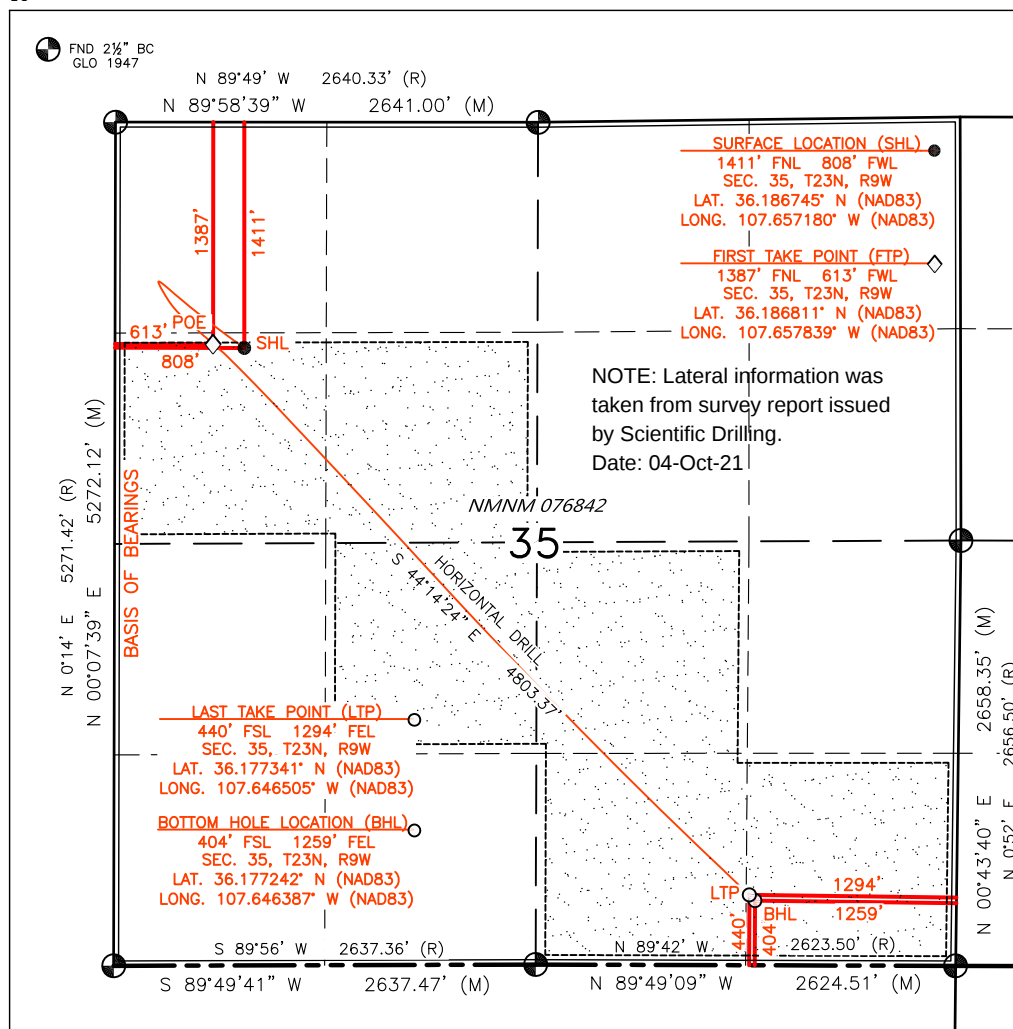
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	35	23N	8W		404'	SOUTH	1259'	EAST	SAN JUAN

¹² Dedicated Acres SEC 35: SW/NW, SE/NW, NE/SW, NW/SE, SW/SE & SE/SE = 240 ACRES TOTAL	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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



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 03/21/22
Signature Date

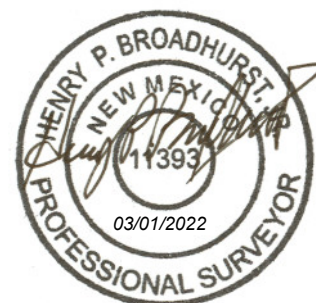
Shaw-Marie Ford
Printed Name
sford@djrlc.com
E-mail Address

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.

MARCH 1, 2022

Date of Survey
Signature and Seal of Professional Surveyor:



Certificate Number 11393

**Directional Survey Certification**

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

Operator	DJR Energy
Well Name & No.	Betonnies Tsosie E35 2308 504H
County & State	San Juan, NM
SDI Job No.	OP.030588
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 5,374 feet to a measured depth of 10,232 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

4-Oct-21

Date

Janie Collins

Contract Well Planner
Scientific Drilling International



DJR

Betonne Tsoie Unit

E35 2308 Pad

#504H

End of Well Report



www.scientificdrilling.com



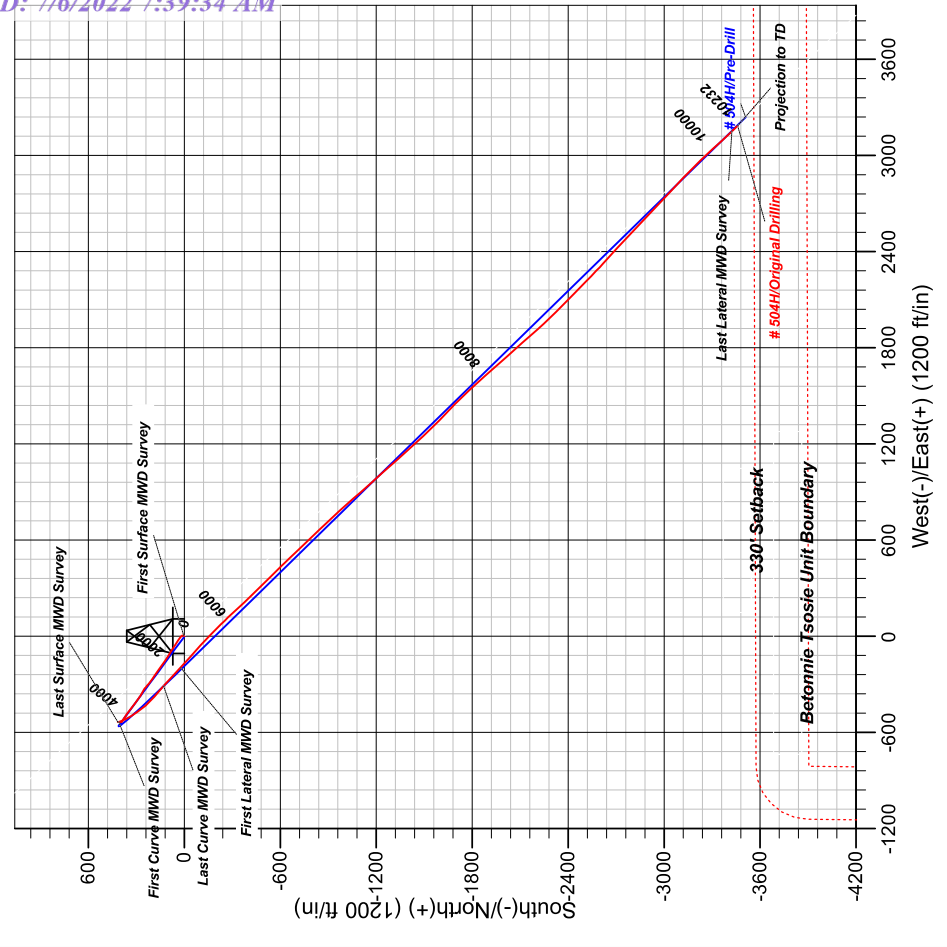
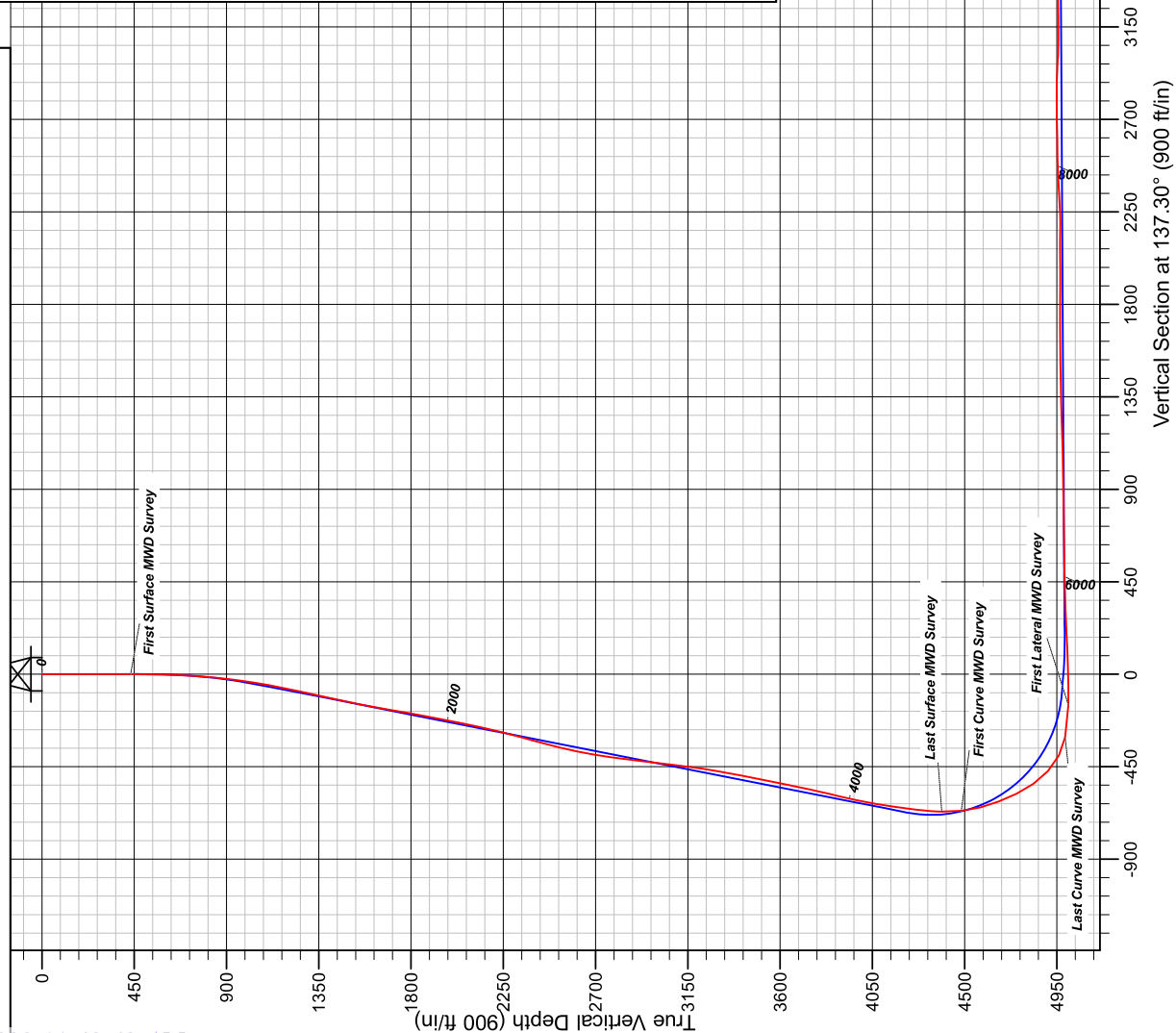


Company Name: DJR Operating
Project: Bettonnie Tsosie Unit
Site: E35 2308 Pad
Well: # 504H
Wellbore: Original Drilling



WELL DETAILS: # 504H

GL 6920 & RKB 26' @ 6946ft (H&P 443)		6920	Longitude
+N/-S	0	1887319.55	
+E/-W	0	2775072.51	Latitude
		36.18674500	
		-107.65718000	2



Design: Original Drilling (# 504H/Original Drilling)
Created By: Janie Collins Date: 9:21, October 04 2021
PROJECT DETAILS: Bettonnie 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
E35 2308 Pad
504H - Slot 2**

Original Drilling

Design: Original Drilling

Standard Survey Report

04 October, 2021



www.scientificdrilling.com





Scientific Drilling Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well # 504H - Slot 2
Project:	Betonnies Tsoie Unit	TVD Reference:	GL 6920' & RKB 26' @ 6946ft (H&P 443)
Site:	E35 2308 Pad	MD Reference:	GL 6920' & RKB 26' @ 6946ft (H&P 443)
Well:	# 504H	North Reference:	True
Wellbore:	Original Drilling	Survey Calculation Method:	Minimum Curvature
Design:	Original Drilling	Database:	Grand Junction

Project	Betonnies 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	E35 2308 Pad		
Site Position:		Northing:	1,887,359.24 usft
From:	Lat/Long	Easting:	2,775,078.04 usft
Position Uncertainty:	0 ft	Slot Radius:	13.20 in
		Latitude:	36.18685400
		Longitude:	-107.65716100
		Grid Convergence:	0.10 °

Well	# 504H - Slot 2		
Well Position	+N/-S	0 ft	Northing:
	+E/-W	0 ft	Easting:
Position Uncertainty	0 ft	Wellhead Elevation:	ft
		Latitude:	36.18674500
		Longitude:	-107.65718000
		Ground Level:	6920 ft

Wellbore	Original Drilling				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM2021_FILE	9/10/2021	8.57	62.68	49,146.00000000
	HDGM2021_FILE	9/29/2021	8.55	62.68	49,140.80000000

Design	Original Drilling			
Audit Notes:				
Version:	1.0	Phase:	ACTUAL	Tie On Depth:
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction
	(ft)	(ft)	(ft)	(°)
	0	0	0	137.30

Survey Program	Date	10/4/2021		
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
433	4457	Survey #1 - Surface MWD Survey (Original)	MWD+HDGM	OWSG MWD + HDGM
4552	5216	Survey #2 - Curve MWD Survey (Original)	MWD+HDGM	OWSG MWD + HDGM
5374	10,232	Survey #3 - Lateral MWD Survey (Original)	MWD+HDGM	OWSG MWD + HDGM

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
433	1.49	43.94	433	4	4	0	0.34	0.34	0.00
523	1.85	26.45	523	6	5	-1	0.69	0.40	-19.43
615	2.37	356.40	615	9	6	-3	1.31	0.57	-32.66
707	3.08	331.79	707	14	5	-7	1.47	0.77	-26.75
800	4.70	321.06	800	19	1	-13	1.90	1.74	-11.54
893	6.42	309.11	892	25	-5	-22	2.22	1.85	-12.85
985	8.13	305.60	983	32	-15	-33	1.92	1.86	-3.82



Scientific Drilling

Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well # 504H - Slot 2
Project:	Betonne Tsoie Unit	TVD Reference:	GL 6920' & RKB 26' @ 6946ft (H&P 443)
Site:	E35 2308 Pad	MD Reference:	GL 6920' & RKB 26' @ 6946ft (H&P 443)
Well:	# 504H	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)
1078	10.15	304.10	1075	40	-27	-48	2.19	2.17	-1.61
1170	11.69	302.96	1166	50	-41	-65	1.69	1.67	-1.24
1262	12.66	302.78	1255	61	-58	-84	1.06	1.05	-0.20
1354	12.57	300.76	1345	71	-75	-103	0.49	-0.10	-2.20
1446	12.48	303.75	1435	82	-92	-122	0.71	-0.10	3.25
1539	12.00	303.13	1526	93	-108	-141	0.54	-0.52	-0.67
1629	10.81	298.48	1614	102	-123	-158	1.67	-1.32	-5.17
1722	10.06	302.61	1706	110	-138	-174	1.14	-0.81	4.44
1812	10.99	305.33	1794	119	-151	-190	1.17	1.03	3.02
1905	10.50	304.98	1885	129	-166	-207	0.53	-0.53	-0.38
2000	10.90	308.10	1979	140	-180	-225	0.74	0.42	3.28
2094	12.13	305.64	2071	151	-195	-243	1.41	1.31	-2.62
2189	13.37	305.29	2164	163	-212	-264	1.31	1.31	-0.37
2284	14.25	303.71	2256	176	-231	-286	1.01	0.93	-1.66
2379	16.09	303.18	2347	190	-251	-310	1.94	1.94	-0.56
2474	15.04	306.17	2439	204	-272	-335	1.39	-1.11	3.15
2569	13.80	308.23	2531	219	-291	-358	1.41	-1.31	2.17
2664	11.29	310.96	2624	232	-307	-379	2.71	-2.64	2.87
2759	9.01	312.19	2717	243	-320	-395	2.41	-2.40	1.29
2854	7.95	303.05	2811	251	-331	-409	1.80	-1.12	-9.62
2949	6.94	300.32	2905	258	-341	-421	1.13	-1.06	-2.87
3044	7.08	297.07	3000	263	-351	-432	0.44	0.15	-3.42
3139	7.25	302.17	3094	269	-362	-443	0.69	0.18	5.37
3234	8.00	301.46	3188	276	-372	-455	0.80	0.79	-0.75
3329	10.50	306.56	3282	285	-385	-470	2.77	2.63	5.37
3424	10.59	303.93	3375	295	-399	-487	0.52	0.09	-2.77
3519	10.81	308.06	3469	305	-413	-504	0.84	0.23	4.35
3614	12.22	306.91	3562	317	-428	-523	1.50	1.48	-1.21
3709	12.22	307.35	3655	329	-444	-543	0.10	0.00	0.46
3804	11.56	306.83	3748	340	-460	-562	0.70	-0.69	-0.55
3899	13.14	307.62	3840	353	-476	-582	1.67	1.66	0.83
3994	13.71	306.83	3933	366	-494	-604	0.63	0.60	-0.83
4089	11.25	301.82	4025	378	-511	-624	2.83	-2.59	-5.27
4169	8.79	298.48	4104	385	-523	-637	3.16	-3.08	-4.18
4264	8.39	307.18	4198	392	-534	-651	1.43	-0.42	9.16
4362	12.79	20.92	4295	407	-536	-663	13.41	4.49	75.25
4457	2.24	287.58	4389	417	-534	-669	13.80	-11.11	-98.25
4552	7.87	169.63	4484	412	-535	-665	9.62	5.93	-124.16
4647	14.85	155.74	4577	394	-529	-648	7.84	7.35	-14.62
4742	21.67	153.90	4667	367	-516	-620	7.20	7.18	-1.94
4837	27.11	148.45	4754	333	-497	-582	6.19	5.73	-5.74
4932	34.32	145.81	4835	292	-471	-534	7.72	7.59	-2.78
5027	47.99	139.48	4907	243	-432	-472	15.03	14.39	-6.66



Scientific Drilling

Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well # 504H - Slot 2
Project:	Betonne Tsoie Unit	TVD Reference:	GL 6920' & RKB 26' @ 6946ft (H&P 443)
Site:	E35 2308 Pad	MD Reference:	GL 6920' & RKB 26' @ 6946ft (H&P 443)
Well:	# 504H	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)
5122	62.67	130.78	4961	188	-377	-394	17.17	15.45	-9.16
5216	79.10	131.84	4991	130	-311	-306	17.51	17.48	1.13
5374	89.80	132.64	5006	24	-194	-150	6.79	6.77	0.51
5467	90.44	131.99	5006	-38	-126	-57	0.98	0.69	-0.70
5559	92.08	131.75	5004	-100	-57	35	1.80	1.78	-0.26
5651	92.32	135.52	5001	-163	9	126	4.10	0.26	4.10
5744	92.45	134.79	4997	-229	75	219	0.80	0.14	-0.78
5836	93.29	137.20	4992	-295	139	311	2.77	0.91	2.62
5928	91.85	137.49	4988	-363	201	403	1.60	-1.57	0.32
6020	89.53	135.65	4987	-430	264	495	3.22	-2.52	-2.00
6112	91.19	135.99	4986	-496	328	587	1.84	1.80	0.37
6204	90.77	134.05	4985	-561	393	679	2.16	-0.46	-2.11
6297	91.41	137.31	4983	-627	458	772	3.57	0.69	3.51
6389	90.37	136.14	4982	-694	521	864	1.70	-1.13	-1.27
6481	89.97	136.47	4981	-761	585	956	0.56	-0.43	0.36
6572	91.88	136.68	4980	-827	647	1047	2.11	2.10	0.23
6663	91.81	135.59	4977	-892	711	1138	1.20	-0.08	-1.20
6755	92.48	137.32	4974	-959	774	1230	2.02	0.73	1.88
6847	90.87	139.82	4971	-1028	835	1321	3.23	-1.75	2.72
6940	90.87	138.55	4969	-1098	895	1414	1.37	0.00	-1.37
7033	91.07	138.18	4968	-1168	957	1507	0.45	0.22	-0.40
7124	91.01	138.16	4966	-1236	1018	1598	0.07	-0.07	-0.02
7216	89.77	138.80	4966	-1304	1079	1690	1.52	-1.35	0.70
7308	89.83	138.52	4966	-1373	1140	1782	0.31	0.07	-0.30
7401	89.53	137.04	4966	-1442	1202	1875	1.62	-0.32	-1.59
7492	90.47	136.29	4966	-1509	1265	1966	1.32	1.03	-0.82
7585	90.54	135.86	4966	-1576	1329	2059	0.47	0.08	-0.46
7677	88.62	132.80	4966	-1640	1395	2151	3.93	-2.09	-3.33
7768	92.42	135.44	4965	-1703	1460	2242	5.08	4.18	2.90
7860	93.42	136.68	4961	-1769	1524	2334	1.73	1.09	1.35
7952	92.62	137.40	4956	-1837	1587	2426	1.17	-0.87	0.78
8045	90.64	139.56	4953	-1906	1648	2519	3.15	-2.13	2.32
8138	91.14	137.37	4952	-1976	1710	2612	2.42	0.54	-2.35
8231	90.17	138.24	4951	-2045	1772	2705	1.40	-1.04	0.94
8323	90.94	138.97	4950	-2114	1833	2796	1.15	0.84	0.79
8414	88.19	139.08	4951	-2182	1893	2887	3.02	-3.02	0.12
8507	87.22	137.08	4954	-2251	1955	2980	2.39	-1.04	-2.15
8598	89.40	135.58	4957	-2317	2018	3071	2.91	2.40	-1.65
8690	90.27	134.31	4957	-2382	2083	3163	1.67	0.95	-1.38
8782	90.94	133.48	4956	-2446	2149	3255	1.16	0.73	-0.90
8874	91.07	135.44	4955	-2510	2215	3347	2.13	0.14	2.13
8966	90.30	133.96	4954	-2575	2280	3439	1.81	-0.84	-1.61
9058	89.77	131.61	4953	-2638	2348	3531	2.62	-0.58	-2.55
9149	91.51	133.18	4952	-2699	2415	3621	2.58	1.91	1.73



Scientific Drilling Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well # 504H - Slot 2
Project:	Betonnies Tsosie Unit	TVD Reference:	GL 6920' & RKB 26' @ 6946ft (H&P 443)
Site:	E35 2308 Pad	MD Reference:	GL 6920' & RKB 26' @ 6946ft (H&P 443)
Well:	# 504H	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)
9241	92.38	132.63	4949	-2762	2482	3713	1.12	0.95	-0.60
9334	91.91	133.99	4946	-2825	2550	3806	1.55	-0.51	1.46
9426	91.01	133.43	4944	-2889	2616	3897	1.15	-0.98	-0.61
9518	89.83	133.92	4943	-2952	2683	3989	1.39	-1.28	0.53
9610	90.10	132.46	4943	-3015	2750	4081	1.61	0.29	-1.59
9703	90.07	134.08	4943	-3079	2818	4174	1.74	-0.03	1.74
9795	89.06	132.77	4943	-3142	2884	4265	1.80	-1.10	-1.42
9888	90.44	135.91	4944	-3207	2951	4358	3.69	1.48	3.38
9983	89.08	137.75	4944	-3277	3016	4453	2.41	-1.43	1.94
10,078	88.36	137.70	4946	-3347	3080	4548	0.76	-0.76	-0.05
10,173	88.82	136.81	4949	-3417	3144	4643	1.05	0.48	-0.94
10,182	89.16	135.73	4949	-3423	3151	4652	12.58	3.78	-12.00
10,232	89.16	135.73	4950	-3459	3185	4702	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
504H Toe	0.00	0.00	4961	-3509	3239	1,883,815.95	2,778,317.55	36.17710360	-107.64620610
- hit/miss target									
- Shape									
- actual wellpath misses target center by 74ft at 10232ft MD (4950 TVD, -3459 N, 3185 E)									
- Circle (radius 100)									
504H 85° Casing	0.00	0.00	4973	-17	-170	1,887,302.61	2,774,902.58	36.18669931	-107.65775596
- actual wellpath misses target center by 36ft at 5420ft MD (5006 TVD, -7 N, -161 E)									
- Point									
504H Heel	0.00	0.00	4988	-197	4	1,887,122.15	2,775,077.17	36.18620270	-107.65716540
- actual wellpath misses target center by 30ft at 5672ft MD (5000 TVD, -178 N, 24 E)									
- Circle (radius 50)									

Design Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
433	433	4	4	First Surface MWD Survey
4457	4389	417	-534	Last Surface MWD Survey
4552	4484	412	-535	First Curve MWD Survey
5216	4991	130	-311	Last Curve MWD Survey
5374	5006	24	-194	First Lateral MWD Survey
10,182	4949	-3423	3151	Last Lateral MWD Survey
10,232	4950	-3459	3185	Projection to TD

Checked By: _____	Approved By: _____	Date: _____
-------------------	--------------------	-------------



Bettonie Tsosie Wash Unit 504H

API: 30-045-38240

SHL: SWNE E-35-23N-08W

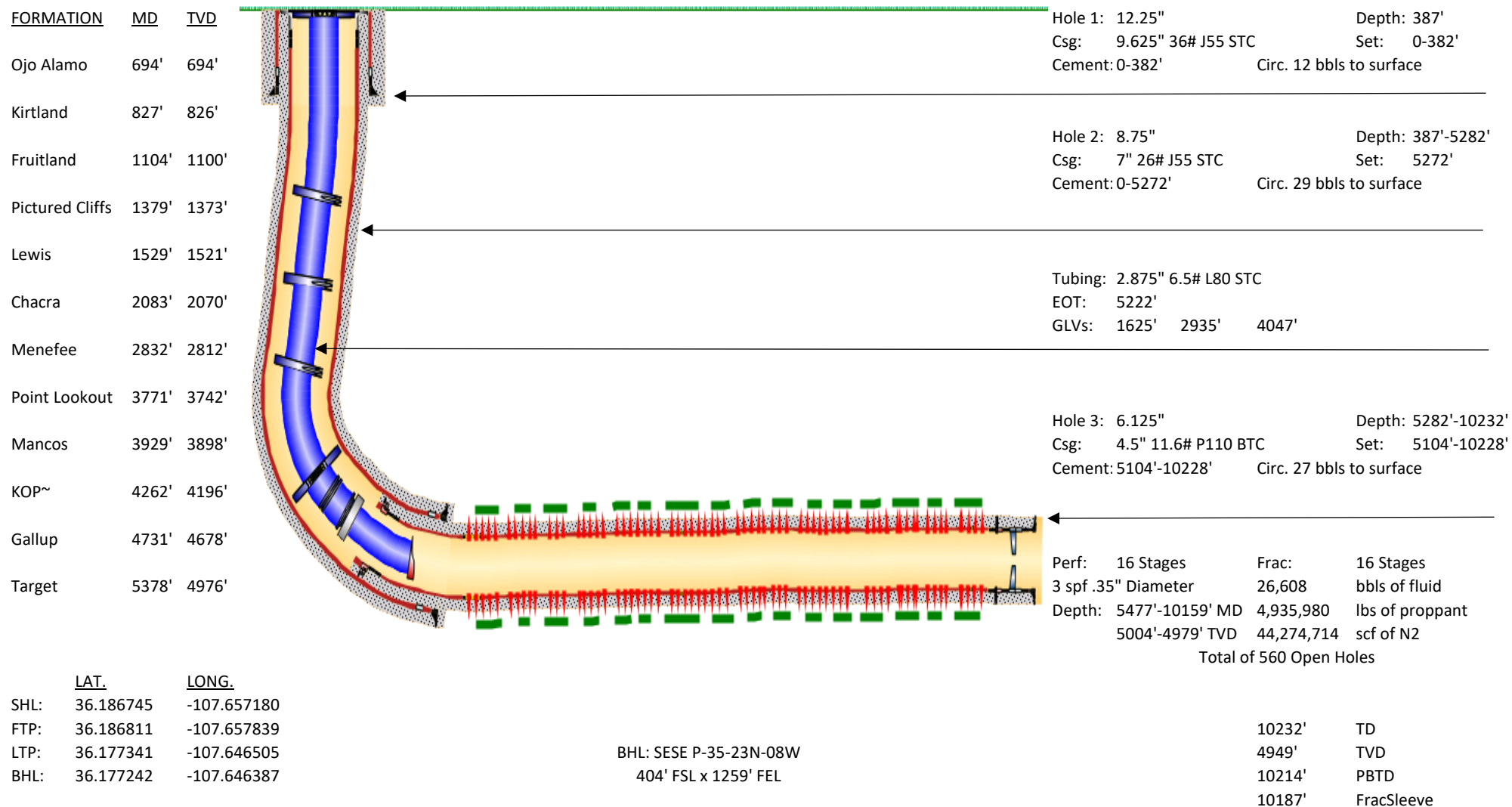
1411' FNL x 808' FWL

Elevation: 6920'

Spud Date: 07/08/2021

Completed Date: 05/20/2022

AS DRILLED WELLBORE DIAGRAM



Well Name: BETONNIE TSOSIE WASH UNIT	Well Location: T23N / R8W / SEC 35 / SWNW / 36.186745 / -107.65718	County or Parish/State: SAN JUAN / NM
Well Number: 504H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM76842	Unit or CA Name:	Unit or CA Number: NMNM135219A
US Well Number: 3004538240	Well Status: Drilling Well	Operator: DJR OPERATING LLC

Subsequent Report

Sundry ID: 2673426

Type of Submission: Subsequent Report

Type of Action: Hydraulic Fracturing

Date Sundry Submitted: 05/25/2022

Time Sundry Submitted: 09:22

Date Operation Actually Began: 04/19/2022

Actual Procedure: 3/27/22: Pressure Test 4.5 x 7" 2K psi (5min) bleed down 7" to 1K psi. Pressure up 4.5" to 7K psi & hold (15 min). Bring pressure up to 7500 & hold (15 min). NU 10K lower master. PT void & seals to 5K. Install 2-way check and test lower master 400L/9600H (5min). All tests good & recorded on chart. 4/19/22: PT Frac & Flowback iron L1260. M4994. H9450 & 9200. Bleed down pump side and function test check valves. All test good & recorded on charts. 4/19/22 – 4/22/2022: Plug & Perf 16 stages at 3 spf with .35" diameter from 10159' to 5477' MD (4979' to 5004' TVD). Total of 560 open holes. Plugs set from 9888' to 5756'. KP at 5275'. Frac 16 stages with 26,608 bbls of fluid. 4,935,980 lbs of proppant. 44,274,714 scf of N2. 5/18/22 – 5/19/22: MIRU AWS 812. Function test BOP. PT pipe rams, flowback, blind rams H4950 (10min) L500 (5min). Annular H2500 (10min) L450 (5min). TIH. Drill out plugs. TOH. 5/20/22: Change over tubing rams & PT H2000 L250 (30min). Test good & recorded on chart. RIH with production string. Land 159 jts of 2.875" 6.5# L80 STC tubing. EOT: 5222'. Three GLVs set at 4047' – 2935' – 1625'. TOH. ND BOP. NU production tree & PT H5000 L600 (30min). Test good & recorded on chart. Turn well over to production. Rig AWS 812 released on 5/20/22.

Well Name: BETONNIE TSOSIE WASH UNIT	Well Location: T23N / R8W / SEC 35 / SWNW / 36.186745 / -107.65718	County or Parish/State: SAN JUAN / NM
Well Number: 504H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM76842	Unit or CA Name:	Unit or CA Number: NMNM135219A
US Well Number: 3004538240	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 25, 2022 09:22 AM
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: 06/03/2022
Signature: Kenneth Rennick	



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

Well Completion Print

06/27/2022

Operator Name DJR OPERATING LLC	Well Name BETONNIE TSOSIE WASH UNIT	Well Number 504H	US Well Number 3004538240
SHL SWNW Sec 35 23N 8W	County SAN JUAN	State NM	Lease Number(s) NMNM76842
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 502H, 503H, 504H, 505H	ID 10400062583

Section 1 - General

Well Completion Report Id: 85016**Submission Date:** N/A until DB**BLM Office:** Farmington Field Office**User:** SHAW-MARIE FORD**Title:** Regulatory Specialist**Federal/Indian:** FEDERAL**Lease Number:** NMNM76842**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:** 07-08-2021**Date Total Measured Depth Reached:** 09-30-2021**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		6920	694	694	USEABLE WATER	
KIRTLAND	SHALE		-826	826	827	NONE	

Operator Name DJR OPERATING LLC	Well Name BETONNIE TSOSIE WASH UNIT	Well Number 504H	US Well Number 3004538240
SHL SWNW Sec 35 23N 8W	County SAN JUAN	State NM	Lease Number(s) NMNM76842
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 502H, 503H, 504H, 505H	ID 10400062583

Section 3 - Geologic

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral
FRUITLAND	COAL		-1100	1100	1104	NATURAL GAS	
PICTURED CLIFFS	SANDSTONE		-1373	1373	1379	USEABLE WATER	
LEWIS	SHALE		-1521	1521	1529	NONE	
CHACRA	SANDSTONE		-2070	2070	2083	NONE	
MENEFEE	COAL, SANDSTONE		-2812	2812	2832	NATURAL GAS	
POINT LOOKOUT	SANDSTONE		-3742	3742	3771	NONE	
MANCOS	SHALE		-3898	3898	3929	NONE	
MANCOS	SILTSTONE		-4175	4175	4209	NATURAL GAS, OIL	
GALLUP	SILTSTONE		-4678	4678	4731	NATURAL GAS, OIL	
GALLUP	SANDSTONE		-4731	4731	4796	NATURAL GAS, OIL	
GALLUP	SANDSTONE		-4837	4837	4945	NATURAL GAS, OIL	
GALLUP	SANDSTONE		-4976	4976	5378	NATURAL GAS, OIL	

Completion and Completed

Operator Name DJR OPERATING LLC	Well Name BETONNIE TSOSIE WASH UNIT	Well Number 504H	US Well Number 3004538240
SHL SWNW Sec 35 23N 8W	County SAN JUAN	State NM	Lease Number(s) NMNM76842
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 502H, 503H, 504H, 505H	ID 10400062583

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	NMNM76842	NEW		POW	05-20-2022	05-21-2022	GALLUP	5477	10159	Y	.35	560	OPEN

Treatment Data

Wellbore Code	Completion Code	Interval Number	Interval Treated?	Treatment Type	Total Fluid (bbls)	Total Proppant (lbs)	Treatment Remarks
00	S1	1	Y	FRAC	26608	4935980	Chemical Disclosure uploaded to FracFocus on 05/03/22

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 504H	US Well Number 3004538240
SHL SWNW Sec 35 23N 8W	County SAN JUAN	State NM	Lease Number(s) NMNM76842
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 502H, 503H, 504H, 505H	ID 10400062583

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	05/23/2022	24	340	1513	453	4450	38/64	618		1052

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	36.186745	-107.65718	6920	FEDERAL	NMNM76842				1411	FNL	808	FWL	23N	8W	35	SWNW
KOP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.186745	-107.65718	6570	FEDERAL	NMNM76842				1411	FNL	808	FWL	23N	8W	35	SWNW
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.186811	-107.65718	1916	FEDERAL	NMNM76842				1387	FNL	613	FWL	23N	8W	35	SWNW
EXIT Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.177341	-107.646505	1941	FEDERAL	NMNM76842				440	FSL	1294	FEL	23N	8W	35	SESE
BHL Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.177242	-107.646387	1971	FEDERAL	NMNM76842				404	FSL	1259	FEL	23N	8W	35	SESE

Operator Name DJR OPERATING LLC	Well Name BETONNIE TSOSIE WASH UNIT	Well Number 504H	US Well Number 3004538240
SHL SWNW Sec 35 23N 8W	County SAN JUAN	State NM	Lease Number(s) NMNM76842
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 502H, 503H, 504H, 505H	ID 10400062583

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	382	9.625	36	J-55		ST&C		
00	INTERMEDIATE	8.75	0	5272	7.0	26	J-55		LT&C		
00	LINER	6.125	5104	10228	4.5	11.6	P-110		BUTT		

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		III	369	2.32	0	Poz/G	251	1.49	3782	219.1
00	LINER		Poz/G	433	1.56	5104					120.3

Operator Name DJR OPERATING LLC	Well Name BETONNIE TSOSIE WASH UNIT	Well Number 504H	US Well Number 3004538240
SHL SWNW Sec 35 23N 8W	County SAN JUAN	State NM	Lease Number(s) NMNM76842
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 502H, 503H, 504H, 505H	ID 10400062583

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		5222	5104	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 504H	US Well Number 3004538240
SHL SWNW Sec 35 23N 8W	County SAN JUAN	State NM	Lease Number(s) NMNM76842
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 502H, 503H, 504H, 505H	ID 10400062583

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: 06/24/2022

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

504H_Certified_EOW_DD_Survey_20220624100511.pdf

504H_As_Drilled_WBD___C102_20220624100539.pdf

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 122944

ACKNOWLEDGMENTS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 122944
	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 122944

CONDITIONS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 122944
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

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