

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 RT	
⁴ API Number 30-045-38238	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 502H

II. ¹⁰ Surface Location

Ul or lot no. E	Section 35	Township 23N	Range 08W	Lot Idn	Feet from the 1372'	North/South Line North	Feet from the 813'	East/West line West	County San Juan
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¹¹ Bottom Hole Location

UL or lot no. P	Section 35	Township 23N	Range 08W	Lot Idn	Feet from the 1197'	North/South line South	Feet from the 346'	East/West line East	County San Juan
¹² Lse Code F	¹³ Producing Method Code F		¹⁴ Gas Connection Date TBD		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	
	~Gas will be flared during flowback & until N2 & O2 is cleaned from the wellbore~	

IV. Well Completion Data

²¹ Spud Date 07/06/21	²² Ready Date 05/25/22	²³ TD 10,623' MD 4,966' TVD	²⁴ PBTD 10,607' MD 4,966' TVD	²⁵ Perforations 5,612'- 10,551' MD 5,006'- 4,963' TVD Frac Sleeve @ 10,580'	²⁶ DHC, MC	
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set		³⁰ Sacks Cement
12.25		9.625" 36# J55		384'		109
8.75		7" 26# J55		5,491'		639
6.125		4.5" 11.6# P110		TOL: 5,239' BOL: 10,621'		450

V. Well Test Data

³¹ Date New Oil	³² Gas Delivery Date	³³ Test Date	³⁴ Test Length	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
³⁷ Choke Size	³⁸ Oil	³⁹ Water	⁴⁰ Gas		⁴¹ Test Method
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>5/11/2022</i>		
Date: 03/24/22		Phone: 505-716-3297	<i>RT EXPIRES 8/11/2022</i>		

DISTRICT I

1625 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) 476-3462

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 30-045-38238	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 502H
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		1372'	NORTH	813'	WEST	SAN JUAN

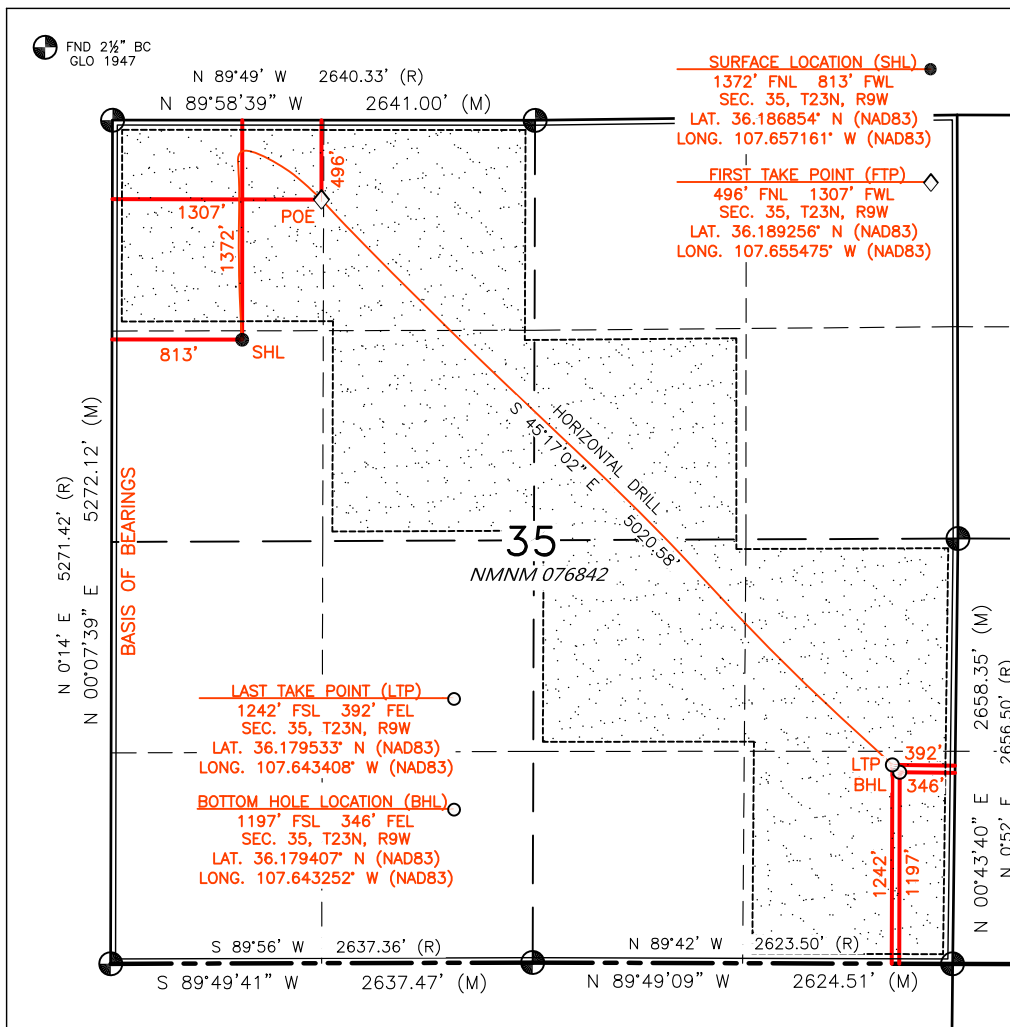
¹¹ Bottom Hole Location If Different From Surface

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		1197'	SOUTH	346'	EAST	SAN JUAN

¹² Dedicated Acres SEC 35: NW/NW, NE/NW, SE/NW, SW/NE, NW/SE, NE/SE & SE/SE = 280 ACRES TOTAL	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. R-13930 R-13930A
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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

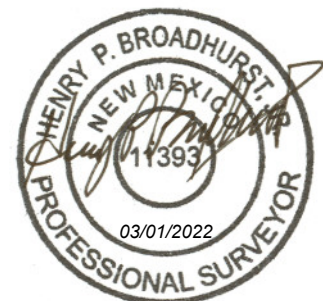
sford@djrlc.com
E-mail Address

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

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State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised August 1, 2011

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OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

BETONNIE TSOSIE WASH UNIT #502H

☐ AMENDED REPORT
☒ AS-DRILLED

PPP-1 (FIRST TAKE POINT) NMNM 076842

496' FNL, 1307' FWL

LOCATED IN THE NW/NW OF SECTION 35,

T23N, R8W, N.M.P.M., SAN JUAN COUNTY, NEW MEXICO

LATITUDE: 36.189256°N LONGITUDE: 107.655475°W (NAD83)

PPP-2 (LAST TAKE POINT) NMNM 076842

1242' FSL, 392' FEL

LOCATED IN THE SE/SE OF SECTION 35,

T23N, R8W, N.M.P.M., SAN JUAN COUNTY, NEW MEXICO

LATITUDE: 36.179533°N LONGITUDE: 107.643408°W (NAD83)



Scientific Drilling

Directional Survey Certification

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

Operator	DJR Energy
Well Name & No.	Betonnies E35 2308 502H
County & State	San Juan, NM
SDI Job No.	OP.030693
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 429 feet to a measured depth of 10,623 feet is true and correct as determined from all available records.

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

Signature

21-Mar-22

Date

Janie Collins

Contract Well Planner
Scientific Drilling International



DJR

Betonne Tsoie Unit

E35 2308 Pad

#502H

End of Well Report



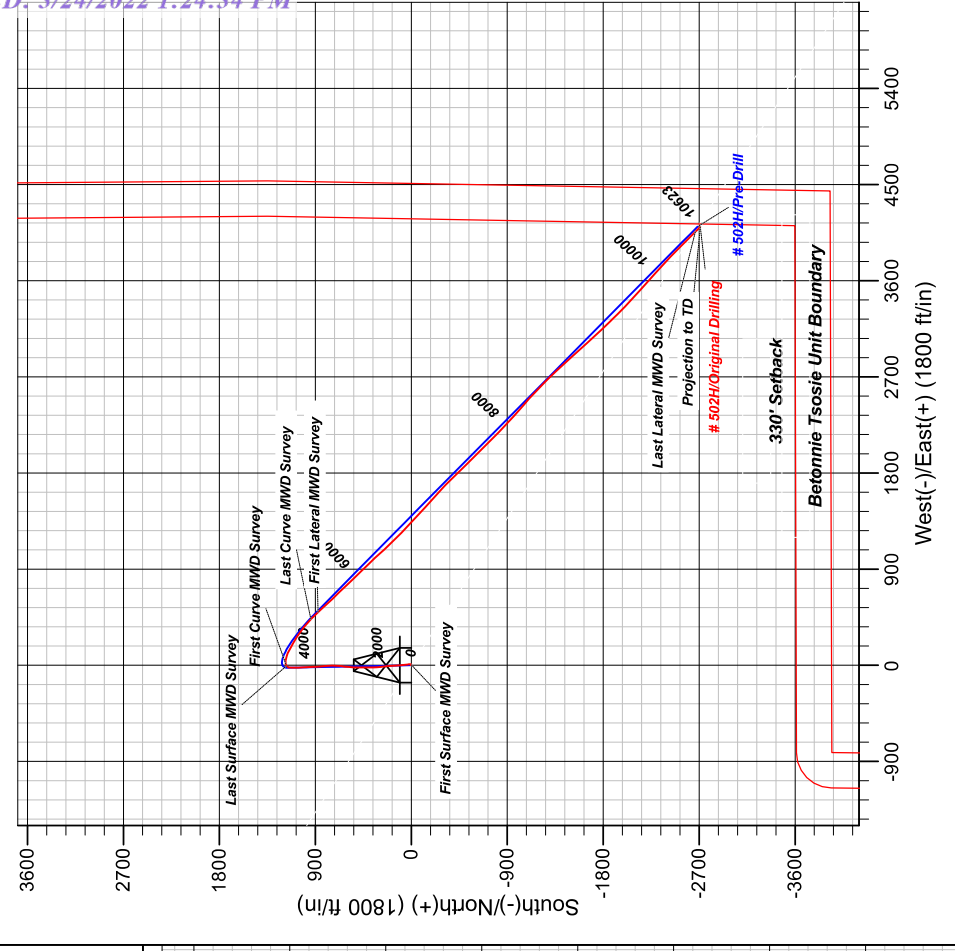
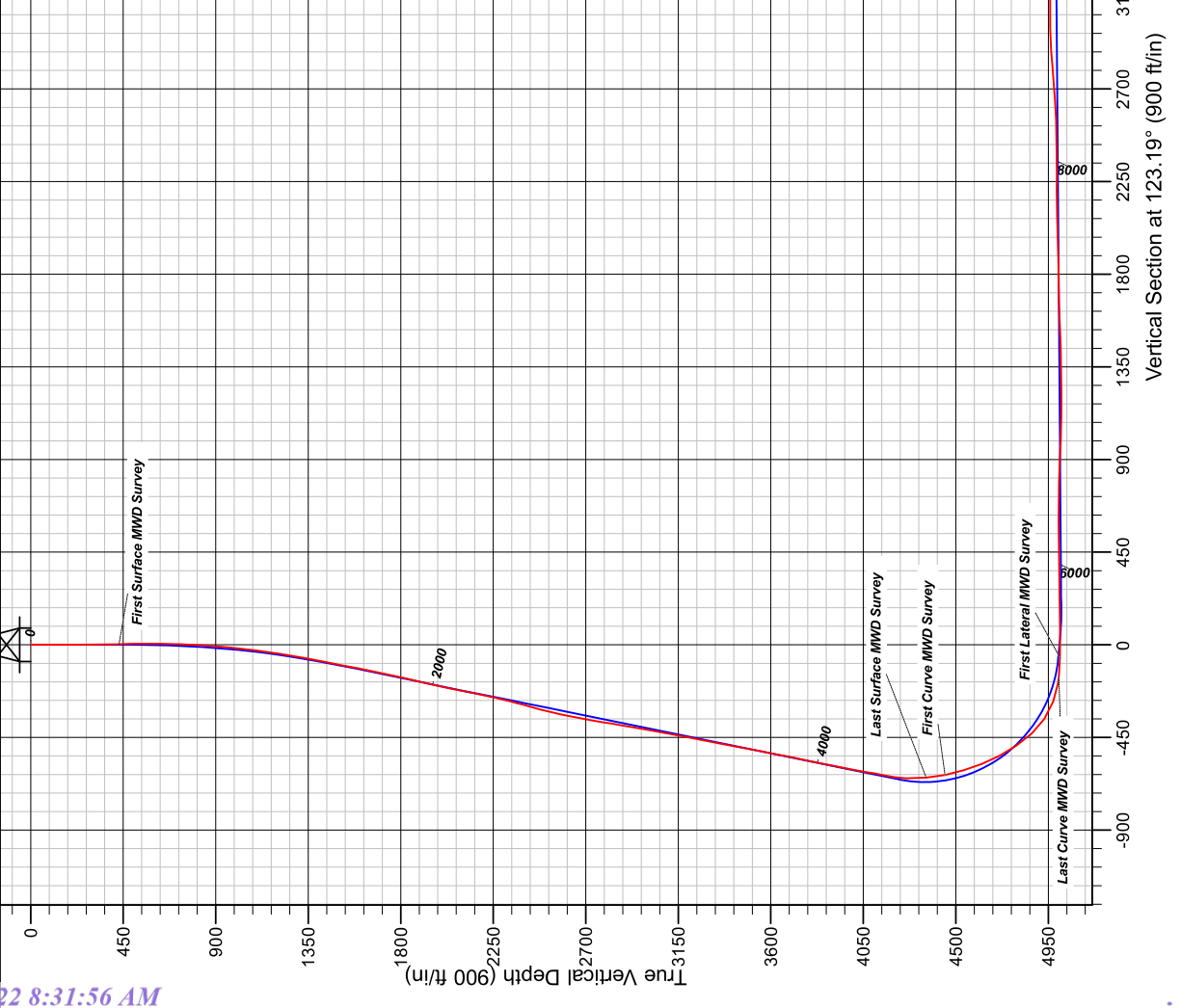
www.scientificdrilling.com



Company Name: DJR Operating
Project: Bettonnie Tsosie Unit
Site: E35 2308 Pad
Well: # 502H
Wellbore: Original Drilling



WELL DETAILS: # 502H			
GL 6920 & RKB 26' @ 6946ft (H&P 443) 6920			
+N/-S	+E/-W	Northing	Longitude
0	0	1887359.23	-107.65716100
Easting			4
2775078.04			



Design: Original Drilling (# 502H/Original Drilling)
Created By: Janie Collins Date: 12:37, September 27 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
502H - Slot 4**

Original Drilling

Design: Original Drilling

Standard Survey Report

27 September, 2021



www.scientificdrilling.com





Scientific Drilling Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well # 502H - Slot 4
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:	# 502H	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	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	# 502H - Slot 4		
Well Position	+N/-S	0 ft	Northing:
	+E/-W	0 ft	Easting:
Position Uncertainty	0 ft	Wellhead Elevation:	ft
		Latitude:	36.18685400
		Longitude:	-107.65716100
		Ground Level:	6920 ft

Wellbore	Original Drilling				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM2021_FILE	9/5/2021	8.57	62.68	49,147.40000000

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	123.19

Survey Program	Date	9/27/2021		
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
429	4552	Survey #1 - Surface MWD Survey (Original)	MWD+HDGM	OWSG MWD + HDGM
4647	5437	Survey #2 - Curve MWD Survey (Original)	MWD+HDGM	OWSG MWD + HDGM
5532	10,623	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	
429	1.06	93.65	429	0	4	3	0.25	0.25	0.00	
439	0.97	95.23	439	0	4	4	0.94	-0.90	15.80	
519	1.49	52.34	519	0	6	5	1.28	0.65	-53.61	
611	2.37	20.35	611	3	7	5	1.48	0.96	-34.77	
703	3.17	6.28	703	7	8	3	1.14	0.87	-15.29	
796	5.10	1.71	796	14	9	0	2.10	2.08	-4.91	
889	6.77	357.67	888	23	8	-6	1.85	1.80	-4.34	
982	9.06	354.68	980	36	8	-13	2.50	2.46	-3.22	



Scientific Drilling Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well # 502H - Slot 4
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:	# 502H	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)	
1074	11.08	351.70	1071	52	6	-24	2.27	2.20	-3.24	
1166	13.10	353.10	1161	71	3	-36	2.22	2.20	1.52	
1258	14.95	355.74	1250	93	1	-50	2.13	2.01	2.87	
1350	16.71	356.62	1338	118	-1	-65	1.93	1.91	0.96	
1442	18.03	356.09	1426	146	-2	-82	1.45	1.43	-0.58	
1535	19.26	358.90	1514	176	-4	-99	1.64	1.32	3.02	
1625	17.41	354.33	1600	204	-5	-116	2.60	-2.06	-5.08	
1718	17.41	352.57	1689	231	-9	-134	0.57	0.00	-1.89	
1809	18.64	352.40	1775	259	-12	-152	1.35	1.35	-0.19	
1901	20.58	355.74	1862	290	-15	-172	2.43	2.11	3.63	
1996	20.75	356.09	1951	324	-18	-192	0.22	0.18	0.37	
2090	20.49	358.73	2039	357	-19	-211	1.03	-0.28	2.81	
2185	19.35	359.78	2128	389	-20	-229	1.26	-1.20	1.11	
2280	22.25	1.54	2217	423	-19	-247	3.12	3.05	1.85	
2375	23.74	359.96	2304	460	-19	-267	1.70	1.57	-1.66	
2470	26.29	359.08	2390	500	-19	-290	2.71	2.68	-0.93	
2565	26.29	1.89	2475	542	-19	-312	1.31	0.00	2.96	
2660	26.38	5.58	2561	584	-16	-333	1.73	0.09	3.88	
2755	23.65	6.46	2647	624	-12	-351	2.90	-2.87	0.93	
2850	20.93	6.64	2735	660	-8	-368	2.86	-2.86	0.19	
2945	18.91	4.88	2824	692	-4	-383	2.22	-2.13	-1.85	
3040	17.32	1.89	2914	721	-3	-397	1.94	-1.67	-3.15	
3135	16.97	358.20	3005	749	-3	-412	1.20	-0.37	-3.88	
3230	17.76	355.03	3096	778	-4	-429	1.30	0.83	-3.34	
3325	17.23	354.68	3186	806	-7	-447	0.57	-0.56	-0.37	
3420	17.15	354.86	3277	834	-9	-465	0.10	-0.08	0.19	
3515	17.23	355.91	3368	862	-12	-482	0.34	0.08	1.11	
3610	17.85	356.44	3458	891	-14	-499	0.67	0.65	0.56	
3705	19.17	359.61	3548	921	-15	-516	1.75	1.39	3.34	
3800	18.82	357.67	3638	952	-15	-534	0.76	-0.37	-2.04	
3895	17.32	355.21	3729	981	-17	-551	1.77	-1.58	-2.59	
3907	17.71	355.47	3740	985	-17	-554	3.31	3.25	2.17	
3982	19.60	356.97	3811	1009	-19	-568	2.60	2.52	2.00	
4077	19.73	357.23	3900	1041	-21	-587	0.16	0.14	0.27	
4172	17.84	1.63	3990	1071	-21	-604	2.49	-1.99	4.63	
4267	18.94	358.99	4081	1101	-21	-620	1.45	1.16	-2.78	
4362	16.48	353.19	4171	1130	-23	-638	3.18	-2.59	-6.11	
4457	13.36	26.50	4263	1153	-19	-648	9.45	-3.28	35.06	
4552	13.18	52.08	4356	1170	-6	-645	6.13	-0.19	26.93	
4647	15.69	80.99	4448	1178	15	-632	7.94	2.64	30.43	
4742	18.81	95.49	4538	1179	43	-609	5.57	3.28	15.26	
4837	22.67	105.69	4627	1172	76	-578	5.55	4.06	10.74	
4932	27.81	113.69	4713	1159	114	-539	6.48	5.41	8.42	



Scientific Drilling

Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well # 502H - Slot 4
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:	# 502H	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)	
5026	34.76	119.49	4794	1137	158	-490	8.05	7.39	6.17	
5122	42.01	120.81	4869	1107	209	-431	7.60	7.55	1.38	
5216	55.50	122.30	4931	1070	269	-360	14.40	14.35	1.59	
5311	70.36	125.11	4974	1023	339	-276	15.86	15.64	2.96	
5406	80.42	134.87	4998	964	409	-185	14.51	10.59	10.27	
5437	85.21	133.73	5002	942	431	-155	15.88	15.45	-3.68	
5532	89.08	137.59	5006	874	498	-62	5.75	4.07	4.06	
5625	90.22	137.07	5007	806	561	28	1.35	1.23	-0.56	
5717	90.48	136.89	5006	739	623	117	0.34	0.28	-0.20	
5810	90.57	136.36	5005	671	687	208	0.58	0.10	-0.57	
5901	90.92	136.01	5004	605	750	296	0.54	0.38	-0.38	
5994	91.01	136.19	5003	538	815	387	0.22	0.10	0.19	
6087	90.92	135.48	5001	472	880	478	0.77	-0.10	-0.76	
6179	91.01	135.66	5000	406	944	568	0.22	0.10	0.20	
6271	88.90	137.07	5000	339	1007	657	2.76	-2.29	1.53	
6363	89.08	137.59	5001	272	1070	746	0.60	0.20	0.57	
6455	87.85	136.54	5004	205	1132	836	1.76	-1.34	-1.14	
6547	87.23	136.01	5008	138	1196	925	0.89	-0.67	-0.58	
6639	88.37	134.08	5011	73	1261	1015	2.44	1.24	-2.10	
6731	89.96	133.55	5013	9	1327	1106	1.82	1.73	-0.58	
6823	89.52	132.50	5013	-53	1395	1196	1.24	-0.48	-1.14	
6914	91.01	132.50	5013	-115	1462	1286	1.64	1.64	0.00	
7006	90.84	131.27	5011	-176	1530	1377	1.35	-0.18	-1.34	
7098	91.36	131.44	5009	-237	1599	1468	0.59	0.57	0.18	
7190	92.95	134.25	5006	-300	1667	1559	3.51	1.73	3.05	
7283	91.19	135.48	5002	-365	1732	1650	2.31	-1.89	1.32	
7374	90.92	135.31	5001	-430	1796	1739	0.35	-0.30	-0.19	
7467	89.96	135.66	5000	-496	1861	1829	1.10	-1.03	0.38	
7559	92.51	136.19	4998	-562	1925	1919	2.83	2.77	0.58	
7651	92.77	135.66	4994	-628	1989	2009	0.64	0.28	-0.58	
7743	89.60	135.84	4992	-694	2054	2099	3.45	-3.45	0.20	
7835	90.40	134.96	4992	-760	2118	2188	1.29	0.87	-0.96	
7928	90.75	133.37	4991	-824	2185	2280	1.75	0.38	-1.71	
8019	90.40	132.50	4990	-886	2251	2369	1.03	-0.38	-0.96	
8111	89.87	131.62	4990	-948	2320	2460	1.12	-0.58	-0.96	
8203	93.21	131.62	4987	-1009	2389	2551	3.63	3.63	0.00	
8296	93.47	131.62	4982	-1071	2458	2643	0.28	0.28	0.00	
8389	94.26	133.20	4976	-1133	2526	2735	1.90	0.85	1.70	
8481	94.70	133.73	4969	-1197	2593	2825	0.75	0.48	0.58	
8573	92.77	134.61	4963	-1260	2659	2915	2.30	-2.10	0.96	
8665	91.71	136.54	4959	-1326	2723	3005	2.39	-1.15	2.10	
8757	89.34	137.59	4958	-1393	2786	3094	2.82	-2.58	1.14	
8849	88.90	137.59	4960	-1461	2848	3183	0.48	-0.48	0.00	



Scientific Drilling Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well # 502H - Slot 4
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:	# 502H	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)
8941	88.72	137.59	4961	-1529	2910	3272	0.20	-0.20	0.00
9033	89.87	137.77	4963	-1597	2972	3361	1.27	1.25	0.20
9124	88.20	137.77	4964	-1665	3033	3449	1.84	-1.84	0.00
9188	87.32	138.30	4967	-1712	3076	3511	1.60	-1.38	0.83
9217	87.32	138.47	4968	-1734	3095	3539	0.59	0.00	0.59
9265	87.76	136.89	4970	-1769	3127	3586	3.41	0.92	-3.29
9309	87.85	136.19	4972	-1801	3158	3628	1.60	0.20	-1.59
9400	88.64	135.66	4974	-1867	3221	3717	1.05	0.87	-0.58
9445	88.90	135.66	4975	-1899	3252	3761	0.58	0.58	0.00
9492	88.99	135.48	4976	-1932	3285	3807	0.43	0.19	-0.38
9584	88.20	133.73	4979	-1997	3351	3897	2.09	-0.86	-1.90
9677	89.52	132.14	4980	-2060	3419	3989	2.22	1.42	-1.71
9768	90.66	133.02	4980	-2122	3486	4079	1.58	1.25	0.97
9861	90.22	131.79	4980	-2185	3554	4170	1.40	-0.47	-1.32
9954	92.51	130.91	4977	-2246	3624	4262	2.64	2.46	-0.95
10,045	92.59	132.85	4973	-2307	3692	4352	2.13	0.09	2.13
10,141	92.86	132.67	4969	-2372	3762	4447	0.34	0.28	-0.19
10,235	92.15	134.08	4965	-2436	3831	4539	1.68	-0.76	1.50
10,330	90.66	134.78	4962	-2503	3898	4632	1.73	-1.57	0.74
10,424	91.01	135.48	4961	-2569	3965	4724	0.83	0.37	0.74
10,517	87.67	135.31	4962	-2636	4030	4815	3.60	-3.59	-0.18
10,558	87.76	134.96	4964	-2665	4059	4855	0.88	0.22	-0.85
10,623	87.86	134.96	4966	-2710	4105	4919	0.15	0.15	0.00

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (usft)	Easting (usft)	Latitude	Longitude
502H Toe	0.00	0.00	4976	-2685	4106	1,884,681.25	2,779,188.87	36.17947600	-107.64324800
- hit/miss target									
- Shape									
- actual wellpath misses target center by 21ft at 10607ft MD (4966 TVD, -2699 N, 4093 E)									
- Circle (radius 100)									
502H 85° Casing	0.00	0.00	4998	887	500	1,888,247.33	2,775,576.71	36.18929119	-107.65546561
- actual wellpath misses target center by 13ft at 5524ft MD (5006 TVD, 880 N, 492 E)									
- Point									
502H Heel	0.00	0.00	5013	751	648	1,888,111.47	2,775,724.85	36.18891720	-107.65496440
- actual wellpath misses target center by 27ft at 5725ft MD (5006 TVD, 733 N, 629 E)									
- Circle (radius 50)									



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Survey Report



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Design Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
429	429	0	4	First Surface MWD Survey
4552	4356	1170	-6	Last Surface MWD Survey
4647	4448	1178	15	First Curve MWD Survey
5437	5002	942	431	Last Curve MWD Survey
5532	5006	874	498	First Lateral MWD Survey
10,558	4964	-2665	4059	Last Lateral MWD Survey
10,623	4966	-2710	4105	Projection to TD

Checked By: _____ Approved By: _____ Date: _____

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

ACKNOWLEDGMENTS

Action 92953

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Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 92953
	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.

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CONDITIONS

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CONDITIONS

Created By	Condition	Condition Date
plmartinez	RT EXPIRES 8/11/2022	5/11/2022