

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 RT	
⁴ API Number 30-045-38236	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 213H

II. ¹⁰ Surface Location

Ul or lot no. A	Section 35	Township 23N	Range 08W	Lot Idn	Feet from the 663'	North/South Line North	Feet from the 835'	East/West line East	County San Juan
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¹¹ Bottom Hole Location

UL or lot no. C	Section 26	Township 23N	Range 08W	Lot Idn	Feet from the 524'	North/South line North	Feet from the 1358'	East/West line West	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	
	~Natural gas will be flared until N2 & O2 are cleaned from the wellbore~	

IV. Well Completion Data

²¹ Spud Date 01/04/22	²² Ready Date 01/23/23	²³ TD 11,040' MD 5,131' TVD	²⁴ PBTD 10,991' MD 5,131' TVD	²⁵ Perforations 5,870'- 10,941' MD 5,121'- 5,167' TVD FracSleeve @ 10,969'	²⁶ DHC, MC	
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set		³⁰ Sacks Cement
12.25"		9.625" 36# J55		355'		109
8.75"		7" 26# J55		5,292'		580
6.125"		4.5" 11.6# P110		TOL: 5,110' BOL: 11,005'		653

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>1/25/2023</i>		
Date: 12/21/22		Phone: 505-716-3297	<i>RT EXPIRES 4/23/2023</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 30-045-38236	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 213H
⁷ OGRID No. 371838	⁸ Operator Name DJR OPERATING, LLC	⁹ Elevation 6974'

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
A	35	23N	8W		663'	NORTH	835'	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
C	26	23N	8W		524'	NORTH	1358'	WEST	SAN JUAN

¹² Dedicated Acres PENETRATED SPACING UNIT;
SEC 26: SE/SE, NE/SE, NW/SE, SW/NE, SE/NW,
NE/NW & NW/NW (320 AC.) = 320 ACRES TOTAL

¹³ Joint or Infill

¹⁴ Consolidation Code

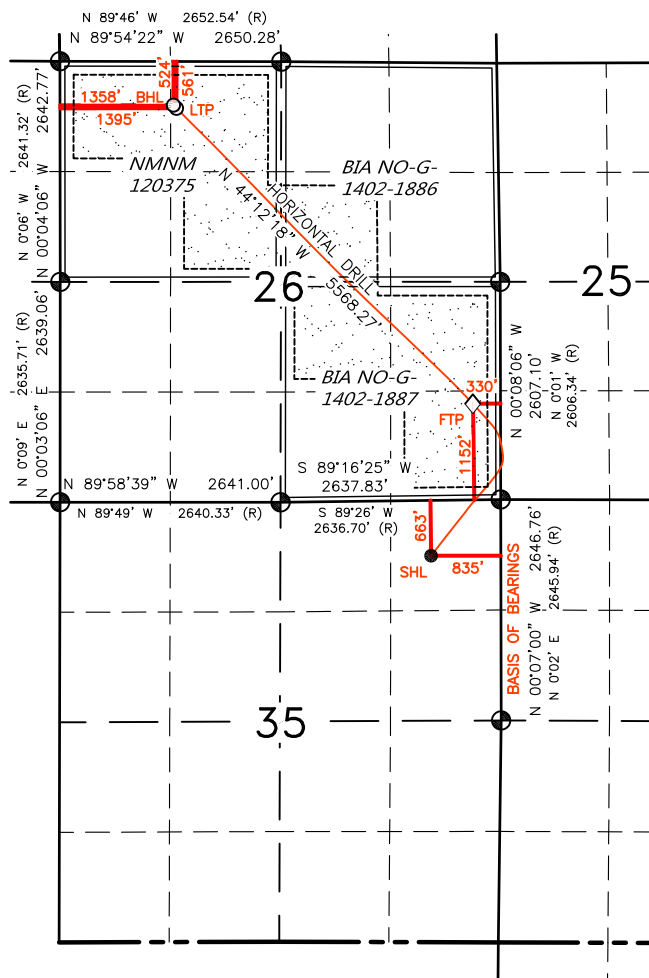
¹⁵ Order No.
R-13930 R-13930A

280

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 1947



SURFACE LOCATION (SHL)
663' FNL 835' FEL
SEC. 35, T23N, R8W
LAT. 36.188842° N (NAD83)
LONG. 107.644838° W (NAD83)

FIRST TAKE POINT (FTP)
1152' FSL 330' FEL
SEC. 26, T23N, R8W
LAT. 36.193843° N (NAD83)
LONG. 107.643126° W (NAD83)

LAST TAKE POINT (LTP)
561' FNL 1395' FWL
SEC. 26, T23N, R8W
LAT. 36.203583° N (NAD83)
LONG. 107.655143° W (NAD83)

BOTTOM HOLE LOCATION (BHL)
524' FNL 1358' FWL
SEC. 26, T23N, R8W
LAT. 36.203685° N (NAD83)
LONG. 107.655266° 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 01/24/23

Signature Date

Shaw-Marie Ford

Printed Name
sford@djrlc.com

E-mail Address

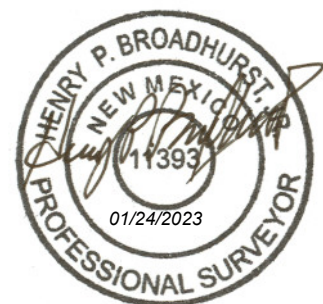
SURVEYOR CERTIFICATION

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.

JANUARY 24, 2023

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 Operating
Well Name & No.	Betonnies Tsosie Wash A35 2308 213H
County & State	San Juan, NM
SDI Job No.	OP.033838
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 450 feet to a measured depth of 11,040 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

5-May-22

Date

Janie Collins

Colorado District Well Planner
Scientific Drilling International



DJR

**Betonne Tsose Wash Unit
A35 2308
213H**

End of Well Report



www.scientificdrilling.com



WELL DETAILS: # 213H

GL 6974' & RKB 26' @ 7000ft (H&P 443)

+N/-S +E/-W Northing Easting Latitude Longitude

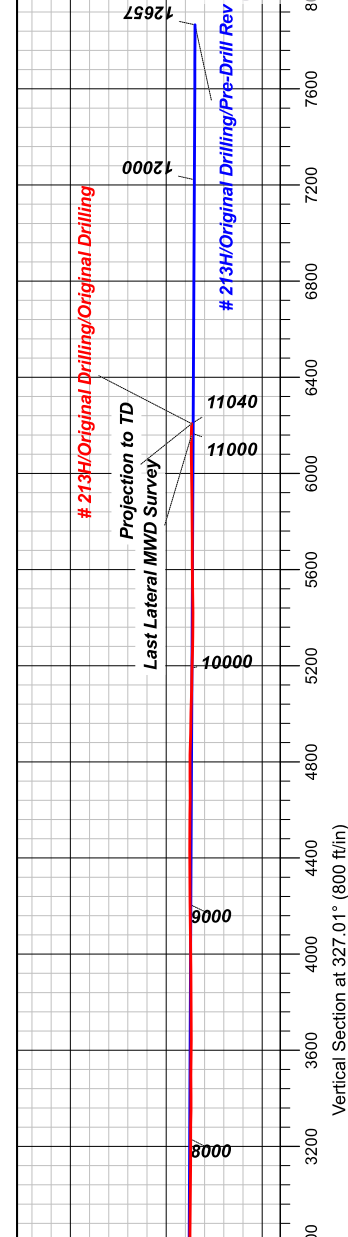
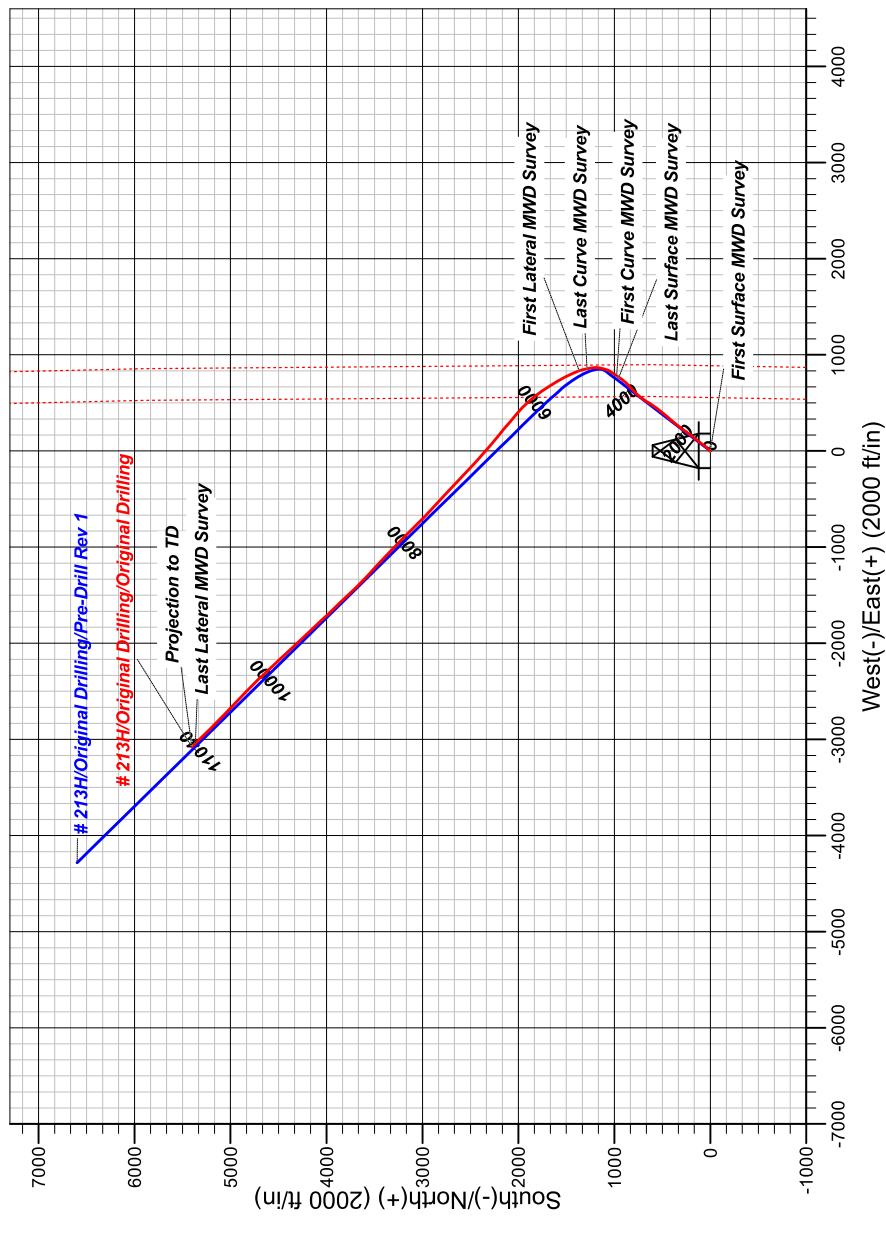
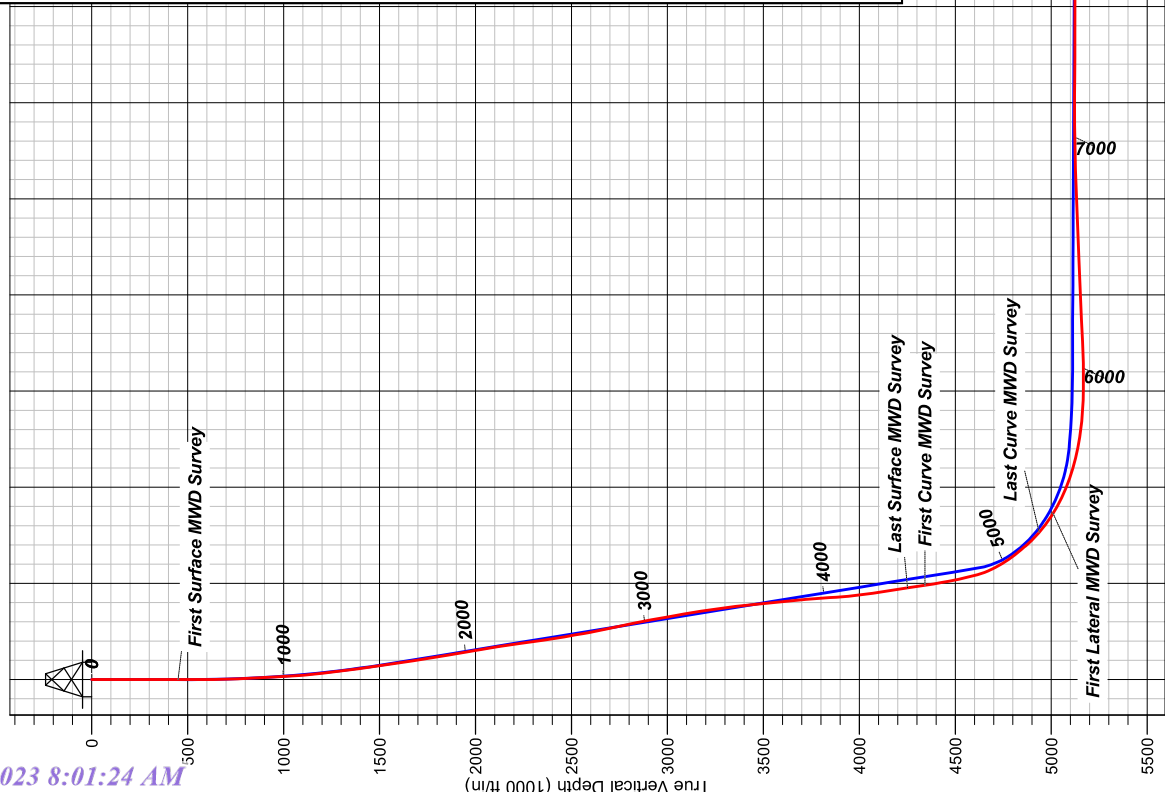
0 0 1888089.74 2778713.01 36.18884200 -107.64483800 3

Company: DJR Operating
Project: Bettonnie Tsoisie Unit
Site: A35 2308 Pad
Well: # 213H
Wellbore: Original Drilling
Design: Original Drilling

PROJECT DETAILS: Bettonnie Tsoisie 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

Design: Original Drilling (# 213H/Original Drilling)
Created By: Janie Collins Date: 11:49, May 04 2022





DJR Operating

Betonne Tsoie Unit

A35 2308 Pad

213H - Slot 3

Original Drilling

Design: Original Drilling

Standard Survey Report

04 May, 2022



www.scientificdrilling.com





Scientific Drilling Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well # 213H - Slot 3
Project:	Betonnies Tsoie Unit	TVD Reference:	GL 6974' & RKB 26' @ 7000ft (H&P 443)
Site:	A35 2308 Pad	MD Reference:	GL 6974' & RKB 26' @ 7000ft (H&P 443)
Well:	# 213H	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	A35 2308 Pad		
Site Position:		Northing:	1,888,089.74 usft
From:	Lat/Long	Easting:	2,778,713.01 usft
Position Uncertainty:	0 ft	Slot Radius:	13.20 in
		Latitude:	36.18884200
		Longitude:	-107.64483800
		Grid Convergence:	0.11 °

Well	# 213H - Slot 3		
Well Position	+N/-S	0 ft	Northing:
	+E/-W	0 ft	Easting:
Position Uncertainty	0 ft	Wellhead Elevation:	ft
		Latitude:	36.18884200
		Longitude:	-107.64483800
		Ground Level:	6974 ft

Wellbore	Original Drilling				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM2022	4/21/2022	8.52	62.67	49,082.50000000

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		327.01

Survey Program	Date	5/3/2022			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
450	4467	Survey #1 - Surface MWD Survey (Original)	MWD+HDGM	OWSG MWD + HDGM	
4562	5250	Survey #2 - Curve MWD Survey (Original)	MWD+HDGM	OWSG MWD + HDGM	
5361	11,040	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	
450	0.07	278.39	450	0	0	0	0.02	0.02	0.00	
542	1.46	59.57	542	1	1	0	1.65	1.51	153.46	
634	2.65	50.06	634	3	3	0	1.34	1.29	-10.34	
726	4.65	37.02	726	7	7	2	2.34	2.17	-14.17	
815	6.61	35.94	814	14	12	5	2.21	2.20	-1.21	
905	8.78	40.84	903	23	20	9	2.52	2.41	5.44	
997	10.99	46.01	994	35	31	12	2.59	2.40	5.62	
1088	12.76	41.39	1083	48	44	17	2.21	1.95	-5.08	



Scientific Drilling

Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well # 213H - Slot 3
Project:	Betonne Tsoie Unit	TVD Reference:	GL 6974' & RKB 26' @ 7000ft (H&P 443)
Site:	A35 2308 Pad	MD Reference:	GL 6974' & RKB 26' @ 7000ft (H&P 443)
Well:	# 213H	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)
1180	14.57	36.11	1173	65	57	24	2.39	1.97	-5.74
1272	15.34	36.73	1261	84	71	32	0.85	0.84	0.67
1362	16.34	36.34	1348	104	86	41	1.12	1.11	-0.43
1452	19.08	37.48	1434	126	102	50	3.07	3.04	1.27
1543	20.64	39.39	1519	150	122	60	1.86	1.71	2.10
1633	19.87	38.35	1604	174	141	69	0.94	-0.86	-1.16
1724	20.35	37.53	1689	199	160	80	0.61	0.53	-0.90
1814	21.06	37.36	1773	224	180	90	0.79	0.79	-0.19
1906	20.51	35.43	1859	251	199	102	0.95	-0.60	-2.10
2000	19.95	34.62	1948	277	218	114	0.67	-0.60	-0.86
2095	21.55	37.05	2036	305	238	126	1.91	1.68	2.56
2190	19.24	35.65	2126	331	257	138	2.49	-2.43	-1.47
2285	21.10	41.22	2215	357	278	148	2.81	1.96	5.86
2379	23.35	41.14	2302	384	301	158	2.39	2.39	-0.09
2474	23.64	40.63	2389	412	326	168	0.37	0.31	-0.54
2569	24.70	40.01	2475	442	351	180	1.15	1.12	-0.65
2664	25.80	40.08	2561	473	377	191	1.16	1.16	0.07
2759	28.38	38.99	2646	506	405	204	2.77	2.72	-1.15
2854	25.39	36.18	2731	540	431	219	3.42	-3.15	-2.96
2949	24.60	36.15	2817	573	454	233	0.83	-0.83	-0.03
3044	21.45	33.96	2904	603	476	247	3.44	-3.32	-2.31
3139	19.04	33.38	2993	630	494	260	2.55	-2.54	-0.61
3234	17.31	31.37	3084	655	510	272	1.94	-1.82	-2.12
3329	16.69	32.46	3174	679	525	284	0.73	-0.65	1.15
3423	16.26	32.72	3265	701	539	295	0.46	-0.46	0.28
3518	16.77	40.32	3356	723	555	304	2.33	0.54	8.00
3614	15.99	40.22	3448	744	573	312	0.81	-0.81	-0.10
3709	17.60	43.08	3539	764	591	319	1.90	1.69	3.01
3804	20.28	45.06	3629	786	612	326	2.90	2.82	2.08
3899	19.41	44.29	3718	809	635	333	0.96	-0.92	-0.81
3993	17.23	47.30	3807	830	656	339	2.53	-2.32	3.20
4088	21.25	48.33	3897	851	679	344	4.25	4.23	1.08
4183	22.35	44.22	3985	875	705	350	1.98	1.16	-4.33
4278	20.76	40.49	4073	901	728	359	2.21	-1.67	-3.93
4372	20.69	35.64	4161	927	749	370	1.83	-0.07	-5.16
4467	17.68	35.62	4251	953	767	381	3.17	-3.17	-0.02
4562	18.03	34.17	4342	976	784	392	0.60	0.37	-1.53
4657	19.93	34.90	4431	1002	801	404	2.02	2.00	0.77
4752	22.62	31.45	4520	1031	820	418	3.12	2.83	-3.63
4831	20.56	28.28	4593	1056	834	431	3.00	-2.61	-4.01
4926	29.77	16.02	4679	1093	849	455	11.09	9.69	-12.91
5021	36.29	12.69	4759	1144	862	490	7.12	6.86	-3.51
5116	38.40	0.82	4834	1201	868	534	7.89	2.22	-12.49



Scientific Drilling

Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well # 213H - Slot 3
Project:	Betonne Tsoie Unit	TVD Reference:	GL 6974' & RKB 26' @ 7000ft (H&P 443)
Site:	A35 2308 Pad	MD Reference:	GL 6974' & RKB 26' @ 7000ft (H&P 443)
Well:	# 213H	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)
5211	40.14	347.15	4908	1260	862	588	9.28	1.83	-14.39
5250	45.28	348.04	4937	1286	856	612	13.27	13.18	2.28
5361	53.24	342.05	5009	1367	834	692	8.25	7.17	-5.40
5455	59.61	335.02	5061	1440	805	769	9.20	6.78	-7.48
5548	67.83	332.18	5102	1514	768	852	9.25	8.84	-3.05
5643	75.24	329.71	5132	1593	725	942	8.18	7.80	-2.60
5737	80.53	327.50	5152	1671	677	1033	6.08	5.63	-2.35
5832	86.11	326.54	5163	1750	625	1128	5.96	5.87	-1.01
5926	89.70	322.71	5167	1827	571	1222	5.58	3.82	-4.07
6021	90.20	317.29	5167	1900	510	1316	5.73	0.53	-5.71
6114	94.83	312.69	5163	1965	444	1407	7.01	4.98	-4.95
6209	92.25	310.26	5157	2028	373	1498	3.73	-2.72	-2.56
6303	92.48	310.49	5153	2089	302	1588	0.35	0.24	0.24
6397	93.23	310.52	5148	2150	230	1678	0.80	0.80	0.03
6491	93.05	310.47	5143	2211	159	1768	0.20	-0.19	-0.05
6585	92.83	310.38	5138	2272	87	1858	0.25	-0.23	-0.10
6679	92.82	310.11	5134	2333	16	1948	0.29	-0.01	-0.29
6773	92.38	310.03	5129	2393	-56	2038	0.48	-0.47	-0.09
6868	91.61	311.29	5126	2455	-128	2129	1.55	-0.81	1.33
6962	91.98	315.04	5123	2519	-197	2220	4.01	0.39	3.99
7056	90.44	314.47	5121	2585	-263	2312	1.75	-1.64	-0.61
7151	89.13	313.15	5121	2651	-332	2404	1.96	-1.38	-1.39
7245	90.10	313.22	5122	2715	-400	2496	1.03	1.03	0.07
7340	89.19	312.24	5123	2780	-470	2588	1.41	-0.96	-1.03
7434	90.81	314.01	5123	2844	-539	2679	2.55	1.72	1.88
7528	88.46	312.20	5123	2908	-607	2770	3.16	-2.50	-1.93
7622	89.26	313.45	5125	2972	-676	2861	1.58	0.85	1.33
7715	90.74	315.86	5125	3038	-743	2952	3.04	1.59	2.59
7810	88.56	314.35	5126	3105	-810	3045	2.79	-2.29	-1.59
7909	89.73	314.56	5127	3174	-880	3142	1.20	1.18	0.21
7999	90.44	315.36	5127	3238	-944	3230	1.19	0.79	0.89
8091	88.49	313.62	5128	3302	-1010	3319	2.84	-2.12	-1.89
8182	90.57	313.51	5129	3365	-1075	3408	2.29	2.29	-0.12
8273	90.30	313.75	5128	3428	-1141	3496	0.40	-0.30	0.26
8363	89.40	312.87	5128	3489	-1207	3584	1.40	-1.00	-0.98
8452	88.59	312.40	5130	3550	-1272	3670	1.05	-0.91	-0.53
8543	89.50	313.06	5131	3611	-1339	3758	1.24	1.00	0.73
8634	91.55	316.64	5131	3676	-1404	3847	4.53	2.25	3.93
8724	91.24	316.27	5128	3741	-1466	3936	0.54	-0.34	-0.41
8815	91.17	316.47	5126	3807	-1528	4025	0.23	-0.08	0.22
8906	91.21	315.93	5125	3872	-1591	4114	0.59	0.04	-0.59
8997	91.24	315.86	5123	3938	-1655	4204	0.08	0.03	-0.08
9088	89.43	317.86	5122	4004	-1717	4293	2.96	-1.99	2.20



Scientific Drilling

Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well # 213H - Slot 3
Project:	Betonne Tsoie Unit	TVD Reference:	GL 6974' & RKB 26' @ 7000ft (H&P 443)
Site:	A35 2308 Pad	MD Reference:	GL 6974' & RKB 26' @ 7000ft (H&P 443)
Well:	# 213H	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)
9178	89.40	317.01	5123	4070	-1778	4382	0.94	-0.03	-0.94
9269	89.30	316.88	5124	4137	-1840	4472	0.18	-0.11	-0.14
9360	89.73	316.87	5125	4203	-1902	4561	0.47	0.47	-0.01
9451	90.47	317.24	5125	4270	-1964	4651	0.91	0.81	0.41
9541	90.77	316.67	5124	4336	-2025	4739	0.72	0.33	-0.63
9632	88.79	316.70	5124	4402	-2088	4829	2.18	-2.18	0.03
9723	88.16	317.00	5126	4468	-2150	4918	0.77	-0.69	0.33
9814	88.55	317.19	5129	4535	-2212	5008	0.48	0.43	0.21
9905	88.39	317.05	5131	4601	-2274	5098	0.23	-0.18	-0.15
9996	88.02	316.88	5134	4668	-2336	5187	0.45	-0.41	-0.19
10,087	88.32	315.48	5137	4734	-2399	5277	1.57	0.33	-1.54
10,178	89.60	314.31	5139	4798	-2463	5366	1.91	1.41	-1.29
10,267	91.24	314.39	5138	4860	-2527	5452	1.84	1.84	0.09
10,358	90.87	314.31	5137	4924	-2592	5541	0.42	-0.41	-0.09
10,450	89.80	312.72	5136	4987	-2659	5631	2.08	-1.16	-1.73
10,541	90.57	314.04	5136	5049	-2725	5719	1.68	0.85	1.45
10,632	90.70	314.90	5135	5113	-2790	5808	0.96	0.14	0.95
10,723	90.44	314.50	5134	5177	-2855	5897	0.52	-0.29	-0.44
10,814	91.81	315.72	5132	5242	-2919	5986	2.02	1.51	1.34
10,905	89.77	315.62	5131	5307	-2982	6075	2.24	-2.24	-0.11
10,988	89.36	315.75	5131	5366	-3040	6156	0.52	-0.49	0.16
11,040	89.36	315.75	5132	5403	-3077	6207	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
7" Casing @ 4970' TVD	0.00	0.00	4970	1320	804	1,889,411.75	2,779,514.12	36.19246939	-107.64211431
- hit/miss target									
- Shape									
- actual wellpath misses target center by 43ft at 5307ft MD (4976 TVD, 1327 N, 846 E)									
- Point									
213H 85° Tangent	0.00	0.00	5095	1577	623	1,889,667.52	2,779,333.12	36.19317297	-107.64272604
- actual wellpath misses target center by 106ft at 5673ft MD (5140 TVD, 1618 N, 710 E)									
- Point									
213H Heel	0.00	0.00	5110	1756	474	1,889,846.33	2,779,183.30	36.19366500	-107.64323260
- actual wellpath misses target center by 133ft at 5934ft MD (5167 TVD, 1833 N, 566 E)									
- Circle (radius 100)									
213H Toe	0.00	0.00	5150	6598	-4283	1,894,679.88	2,774,416.99	36.20696775	-107.65935670
- actual wellpath misses target center by 1698ft at 11040ft MD (5132 TVD, 5403 N, -3077 E)									
- Circle (radius 100)									



Company:	DJR Operating	Local Co-ordinate Reference:	Well # 213H - Slot 3
Project:	Betonnies Tsosie Unit	TVD Reference:	GL 6974' & RKB 26' @ 7000ft (H&P 443)
Site:	A35 2308 Pad	MD Reference:	GL 6974' & RKB 26' @ 7000ft (H&P 443)
Well:	# 213H	North Reference:	True
Wellbore:	Original Drilling	Survey Calculation Method:	Minimum Curvature
Design:	Original Drilling	Database:	Grand Junction

Design Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
450	450	0	0	First Surface MWD Survey
4467	4251	953	767	Last Surface MWD Survey
4562	4341	976	784	First Curve MWD Survey
5250	4937	1286	856	Last Curve MWD Survey
5361	5009	1367	834	First Lateral MWD Survey
10,988	5131	5366	-3040	Last Lateral MWD Survey
11,040	5132	5403	-3077	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
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 177820

ACKNOWLEDGMENTS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 177820
	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

Action 177820

CONDITIONS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 177820
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	RT EXPIRES 4/23/2023.	1/25/2023