

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 30-045-38235	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 214H

II. ¹⁰ Surface Location

Ul or lot no. A	Section 35	Township 23N	Range 08W	Lot Idn	Feet from the 683'	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. O	Section 22	Township 23N	Range 08W	Lot Idn	Feet from the 505'	North/South line South	Feet from the 1476'	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 6500 Townbridge Drive, El Paso, TX 79905	O
151618	Enterprise Field Services, LLC Post Office Box 4503, Houston, TX 77001	G
	~Natural gas will be flared until N2 & O2 are cleaned from the wellbore~	

IV. Well Completion Data

²¹ Spud Date 01/06/22	²² Ready Date 01/23/23	²³ TD 14,445' MD 5,123' TVD	²⁴ PBDT 14,438' MD 5,123' TVD	²⁵ Perforations 5,717'- 14,389' MD 5,076'- 5,124' TVD FracSleeve @ 14,417'	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set	³⁰ Sacks Cement
12.25"		9.625" 36# J55		358'	109
8.75"		7" 26# J55		5,137'	564
6.125"		4.5" 11.6# P110		TOL: 4,975' BOL: 14,452'	882

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 Approved by: <i>PATRICIA MARTINEZ</i>		
Printed name: Shaw-Marie Ford			Title: <i>PETROLEUM SPECIALIST</i>		
Title: Regulatory Specialist			Approval Date: <i>1/19/2023</i>		
E-mail Address: sford@djrlle.com			<i>RT EXPIRES 4/19/2023</i>		
Date: 12/21/22		Phone: 505-716-3297			

DISTRICT I1625 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) 476-3462State of New Mexico
Energy, Minerals & Natural Resources DepartmentForm C-102
Revised August 1, 2011Submit one copy to appropriate
District OfficeOIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-38235	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 214H
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		683'	NORTH	835'	EAST	SAN JUAN

¹¹ Bottom Hole Location If Different From Surface

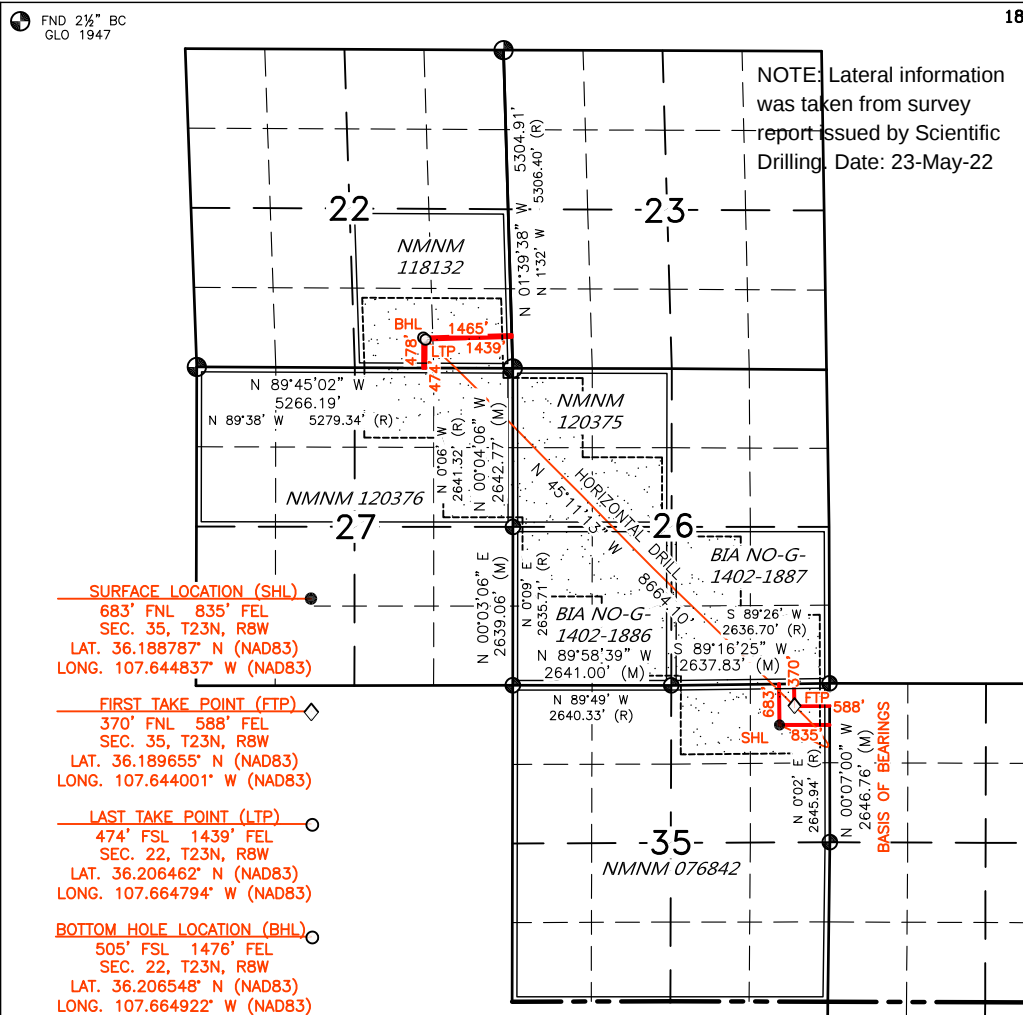
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	22	23N	8W		505'	SOUTH	1476'	EAST	SAN JUAN

¹² Dedicated Acres
PENETRATED SPACING UNIT;
SEC 35: NE/NE & NW/NE (80 AC.); SEC 26: NW/NW,
SW/NW, SE/NW, NW/SW, NE/SW, SE/SW, NW/SE, SW/SE &
SE/SE (360 AC.); SEC 27: NW/NE, NE/NE & SE/NE (120
AC.); SEC 22: SW/SE & SE/SE (80 AC.) = 640 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



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 07/06/22
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.

MAY 24, 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 Operating
Well Name & No.	Betonnie Tsosie Wash A35 2308 214H
County & State	San Juan, NM
SDI Job No.	OP.033958
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 448 feet to a measured depth of 14,455 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

23-May-22

Date

Janie Collins

Colorado District Well Planner
Scientific Drilling International



DJR

Betonne Tsose Wash Unit

A35 2308

214H

End of Well Report



www.scientificdrilling.com

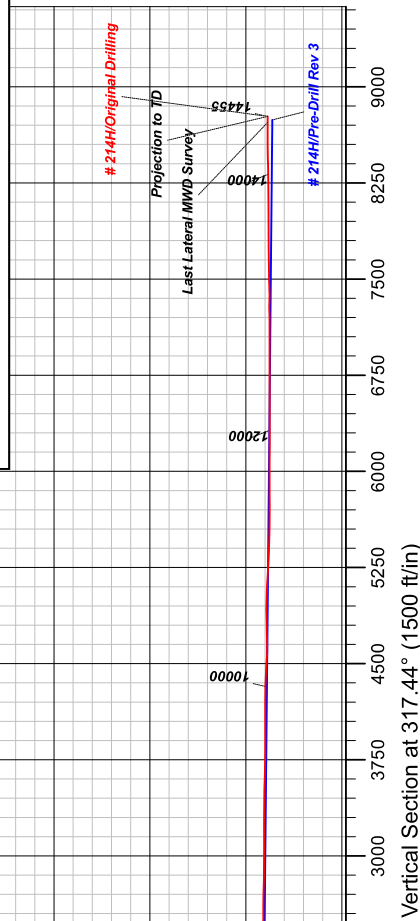
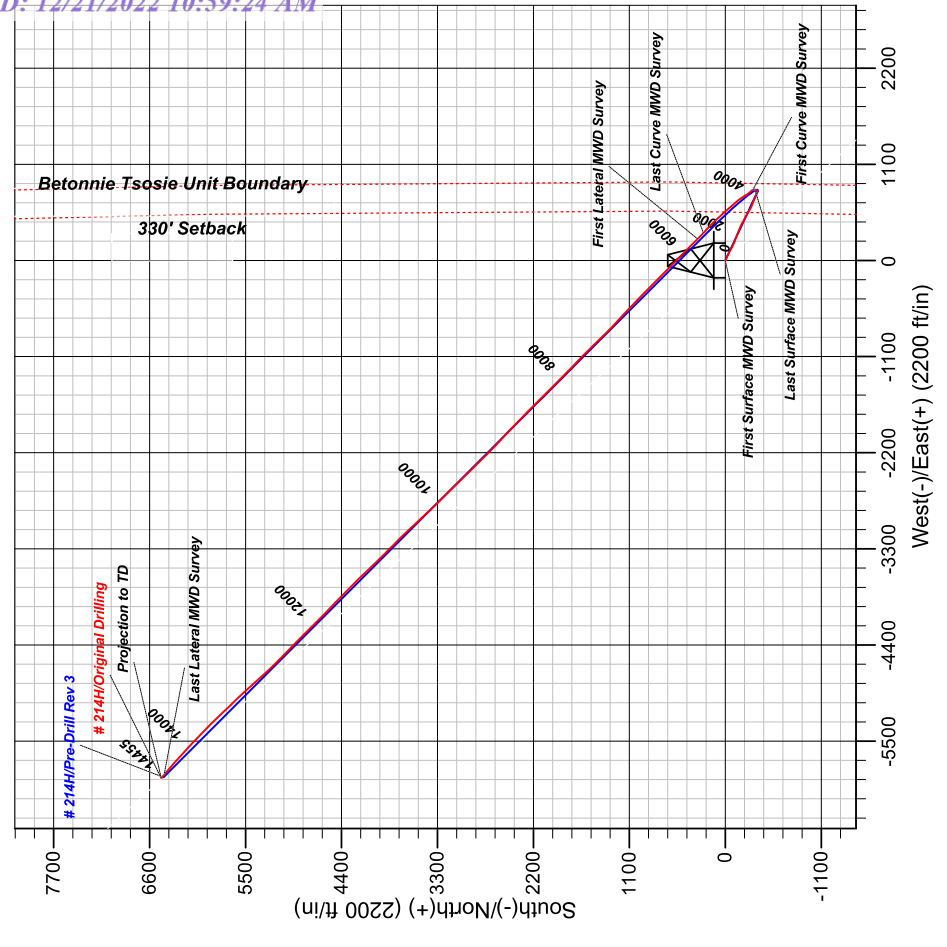
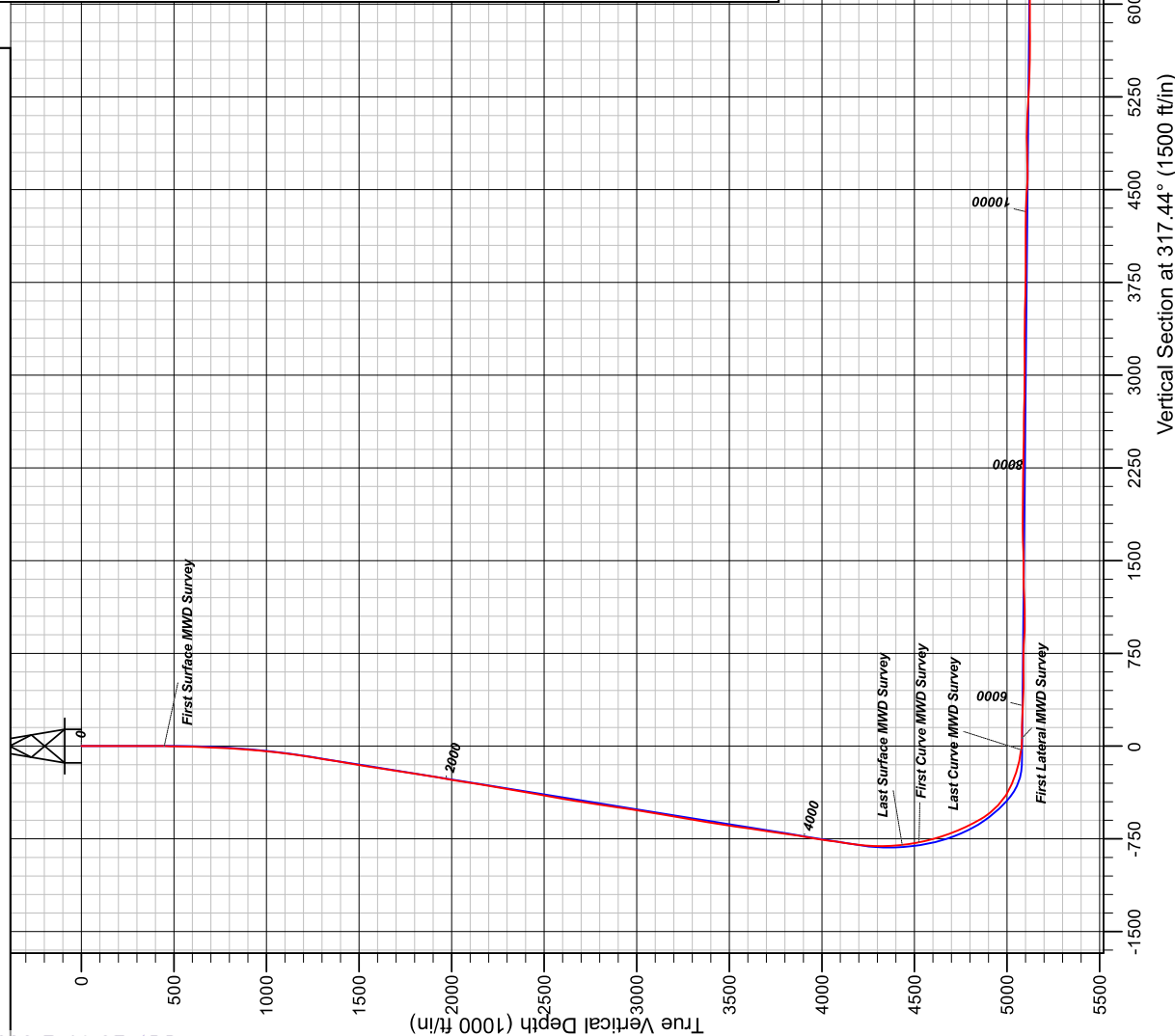
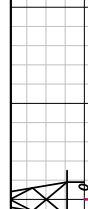


Company Name: DJR Operating
Project: Bettonnie Tsosie Unit
Site: A35 2308 Pad
Well: # 214H
Wellbore: Original Drilling



WELL DETAILS: # 214H

GL 6974 & RKB 26' @ 7000ft (H&P 443) 6974			
+N/-S	+E/-W	Northing	Longitude
0	0	1889069.72	-107.64483700
2			



Design: Original Drilling (# 214H/Original Drilling)
Created By: Janie Collins Date: 15:08, May 23 2022

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

A35 2308 Pad

214H - Slot 2

Original Drilling

Design: Original Drilling

Standard Survey Report

23 May, 2022



www.scientificdrilling.com





Scientific Drilling Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well # 214H - Slot 2
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:	# 214H	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	Latitude:	36.18884200			
From:		Lat/Long	Easting:	2,778,713.01	usft	Longitude:	-107.64483800		
Position Uncertainty:		0	ft	Slot Radius:	13.20	in	Grid Convergence:	0.11	°

Well		# 214H - Slot 2				
Well Position	+N/-S	0 ft	Northing:	1,888,069.72 usft	Latitude:	36.18887800
	+E/-W	0 ft	Easting:	2,778,713.35 usft	Longitude:	-107.64483700
Position Uncertainty		0 ft	Wellhead Elevation:	ft	Ground Level:	6974 ft

Wellbore	Original Drilling				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM2022	5/1/2022	8.50	62.67	49,079.80000000

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	317.44	

Survey Program	Date	5/17/2022			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
448	4545	Survey #1 - Surface MWD Survey (Original)	MWD+HDGM	OWSG MWD + HDGM	
4640	5643	Survey #2 - Curve MWD Survey (Original)	MWD+HDGM	OWSG MWD + HDGM	
5738	14,455	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	
448	0.61	229.88	448	-2	-2	0	0.14	0.14	0.00	
540	2.82	136.05	540	-3	-1	-2	3.18	2.40	-101.99	
632	3.66	98.94	632	-6	4	-7	2.40	0.91	-40.34	
724	3.83	108.31	724	-7	10	-12	0.69	0.18	10.18	
813	6.25	112.88	812	-10	17	-19	2.75	2.72	5.13	
903	7.65	111.73	902	-14	27	-29	1.56	1.56	-1.28	
995	8.91	112.65	993	-19	39	-41	1.38	1.37	1.00	
1086	11.74	112.38	1082	-25	54	-55	3.11	3.11	-0.30	



Scientific Drilling

Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well # 214H - Slot 2
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:	# 214H	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)
1178	12.92	112.74	1172	-33	73	-73	1.29	1.28	0.39
1270	14.48	124.12	1261	-43	92	-94	3.38	1.70	12.37
1360	13.21	121.62	1349	-55	110	-115	1.56	-1.41	-2.78
1450	15.10	117.09	1436	-66	129	-135	2.43	2.10	-5.03
1541	14.77	114.78	1524	-76	150	-157	0.75	-0.36	-2.54
1631	14.90	117.49	1611	-86	171	-179	0.78	0.14	3.01
1722	14.11	112.32	1699	-96	191	-200	1.67	-0.87	-5.68
1812	13.99	109.54	1786	-103	212	-219	0.76	-0.13	-3.09
1904	15.10	111.49	1875	-112	233	-240	1.32	1.21	2.12
1998	16.57	110.12	1966	-121	257	-263	1.61	1.56	-1.46
2093	14.91	111.10	2057	-130	281	-286	1.77	-1.75	1.03
2188	15.42	114.04	2149	-139	304	-308	0.97	0.54	3.09
2283	15.57	112.35	2241	-149	328	-331	0.50	0.16	-1.78
2377	15.55	112.37	2331	-159	351	-354	0.02	-0.02	0.02
2472	16.35	111.48	2422	-169	375	-378	0.88	0.84	-0.94
2567	15.34	119.06	2514	-180	399	-402	2.42	-1.06	7.98
2662	16.09	117.14	2605	-192	421	-426	0.96	0.79	-2.02
2757	14.08	118.87	2697	-203	443	-449	2.17	-2.12	1.82
2852	13.19	120.93	2789	-214	463	-471	1.07	-0.94	2.17
2947	13.16	117.55	2882	-225	481	-491	0.81	-0.03	-3.56
3042	13.60	118.15	2974	-235	501	-512	0.49	0.46	0.63
3137	15.09	118.51	3066	-246	522	-534	1.57	1.57	0.38
3232	15.00	120.56	3158	-259	543	-558	0.57	-0.09	2.16
3327	14.66	120.77	3250	-271	564	-581	0.36	-0.36	0.22
3421	14.89	117.06	3341	-283	585	-604	1.04	0.24	-3.95
3516	14.28	117.36	3433	-293	606	-626	0.65	-0.64	0.32
3612	14.10	114.51	3526	-304	627	-648	0.75	-0.19	-2.97
3707	13.47	110.48	3618	-312	648	-669	1.21	-0.66	-4.24
3802	13.79	112.35	3710	-321	669	-689	0.57	0.34	1.97
3897	12.81	112.24	3803	-329	689	-708	1.03	-1.03	-0.12
3991	15.73	115.05	3894	-338	710	-730	3.19	3.11	2.99
4086	13.79	111.81	3986	-348	733	-752	2.22	-2.04	-3.41
4181	13.73	113.73	4078	-357	753	-772	0.48	-0.06	2.02
4261	12.58	114.56	4156	-364	770	-789	1.46	-1.44	1.04
4355	14.48	79.29	4248	-366	791	-805	8.86	2.02	-37.52
4450	9.17	21.56	4341	-357	805	-808	12.92	-5.59	-60.77
4545	13.28	13.53	4434	-339	811	-798	4.62	4.33	-8.45
4640	19.50	333.50	4525	-314	806	-777	13.20	6.55	-42.14
4672	20.73	319.85	4555	-305	800	-766	15.13	3.84	-42.66
4735	22.49	317.24	4614	-288	785	-743	3.18	2.79	-4.14
4829	28.68	325.42	4699	-256	760	-703	7.57	6.59	8.70
4924	33.96	328.68	4780	-215	733	-654	5.84	5.56	3.43
5019	43.43	324.99	4854	-165	700	-595	10.26	9.97	-3.88



Scientific Drilling

Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well # 214H - Slot 2
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:	# 214H	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)
5051	46.56	322.02	4877	-147	687	-573	11.78	9.78	-9.28
5098	50.08	318.66	4908	-120	665	-538	9.20	7.49	-7.15
5172	57.13	319.08	4952	-75	625	-478	9.54	9.53	0.57
5266	68.26	318.09	4995	-13	570	-395	11.88	11.84	-1.05
5361	73.84	317.75	5026	54	510	-305	5.88	5.87	-0.36
5455	76.72	317.23	5049	121	449	-214	3.11	3.06	-0.55
5549	83.49	313.81	5066	187	384	-122	8.04	7.20	-3.64
5643	83.27	311.91	5076	251	315	-29	2.02	-0.23	-2.02
5738	91.24	315.45	5081	316	247	66	9.18	8.39	3.73
5832	88.83	314.78	5081	383	180	160	2.66	-2.56	-0.71
5927	88.43	315.00	5083	450	113	255	0.48	-0.42	0.23
6021	88.72	314.41	5086	516	46	349	0.70	0.31	-0.63
6115	87.91	313.47	5088	581	-21	442	1.32	-0.86	-1.00
6209	90.87	315.85	5089	647	-88	536	4.04	3.15	2.53
6303	90.97	315.62	5088	714	-154	630	0.27	0.11	-0.24
6397	89.13	315.03	5088	781	-220	724	2.06	-1.96	-0.63
6492	88.02	313.77	5090	848	-288	819	1.77	-1.17	-1.33
6585	87.32	312.96	5094	912	-355	912	1.15	-0.75	-0.87
6680	91.11	315.57	5095	978	-423	1006	4.84	3.99	2.75
6774	89.43	313.67	5095	1044	-490	1100	2.70	-1.79	-2.02
6868	92.48	312.92	5093	1108	-559	1194	3.34	3.24	-0.80
6962	91.54	312.38	5090	1172	-628	1288	1.15	-1.00	-0.57
7056	89.36	312.90	5089	1236	-697	1381	2.38	-2.32	0.55
7151	90.44	315.42	5089	1302	-765	1476	2.89	1.14	2.65
7245	91.21	315.52	5088	1369	-831	1570	0.83	0.82	0.11
7340	90.71	315.44	5086	1436	-897	1665	0.53	-0.53	-0.08
7434	90.40	316.07	5085	1504	-963	1759	0.75	-0.33	0.67
7528	90.27	315.19	5085	1571	-1029	1853	0.95	-0.14	-0.94
7622	89.76	314.34	5085	1637	-1095	1947	1.05	-0.54	-0.90
7715	89.46	314.04	5085	1702	-1162	2040	0.46	-0.32	-0.32
7810	88.69	312.81	5087	1767	-1231	2134	1.53	-0.81	-1.29
7905	89.23	314.58	5089	1833	-1300	2229	1.95	0.57	1.86
7999	90.90	316.32	5089	1900	-1366	2323	2.57	1.78	1.85
8093	88.35	314.93	5089	1967	-1431	2417	3.09	-2.71	-1.48
8187	89.83	316.07	5091	2034	-1497	2511	1.99	1.57	1.21
8281	89.46	315.13	5091	2101	-1563	2605	1.07	-0.39	-1.00
8376	89.20	314.71	5092	2168	-1630	2700	0.52	-0.27	-0.44
8470	89.50	314.18	5094	2234	-1697	2794	0.65	0.32	-0.56
8564	89.36	313.72	5094	2299	-1765	2888	0.51	-0.15	-0.49
8658	89.43	313.11	5095	2364	-1833	2981	0.65	0.07	-0.65
8752	90.47	313.91	5096	2429	-1902	3075	1.40	1.11	0.85
8847	90.74	313.90	5095	2495	-1970	3170	0.28	0.28	-0.01
8941	90.00	312.84	5094	2559	-2038	3264	1.38	-0.79	-1.13



Scientific Drilling Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well # 214H - Slot 2
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:	# 214H	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)
9036	88.99	314.54	5095	2625	-2107	3358	2.08	-1.06	1.79
9130	88.72	314.14	5097	2690	-2174	3452	0.51	-0.29	-0.43
9225	89.50	315.64	5098	2758	-2242	3547	1.78	0.82	1.58
9319	89.36	315.32	5099	2825	-2307	3641	0.37	-0.15	-0.34
9414	89.43	315.13	5100	2892	-2374	3736	0.21	0.07	-0.20
9508	89.36	314.40	5101	2958	-2441	3830	0.78	-0.07	-0.78
9601	90.40	316.32	5101	3024	-2506	3923	2.35	1.12	2.06
9696	90.07	316.96	5101	3093	-2572	4018	0.76	-0.35	0.67
9786	89.73	315.73	5101	3159	-2634	4108	1.42	-0.38	-1.37
9876	90.00	315.73	5101	3223	-2697	4198	0.30	0.30	0.00
9967	89.46	314.36	5102	3287	-2761	4289	1.62	-0.59	-1.51
10,057	88.42	315.41	5103	3351	-2825	4379	1.64	-1.16	1.17
10,147	87.99	317.44	5106	3416	-2887	4469	2.30	-0.48	2.26
10,237	87.41	316.30	5110	3482	-2948	4558	1.42	-0.64	-1.27
10,328	91.04	317.40	5111	3548	-3010	4649	4.17	3.99	1.21
10,419	91.38	317.07	5109	3615	-3072	4740	0.52	0.37	-0.36
10,511	90.44	316.67	5108	3682	-3135	4832	1.11	-1.02	-0.43
10,602	89.87	315.66	5107	3748	-3198	4923	1.27	-0.63	-1.11
10,693	89.06	314.88	5108	3812	-3262	5014	1.24	-0.89	-0.86
10,784	88.52	313.76	5110	3876	-3327	5105	1.37	-0.59	-1.23
10,875	87.99	315.93	5113	3940	-3392	5196	2.45	-0.58	2.38
10,966	86.77	316.17	5117	4005	-3455	5287	1.37	-1.34	0.26
11,056	88.26	316.37	5121	4070	-3517	5377	1.67	1.66	0.22
11,147	90.00	316.17	5122	4136	-3580	5468	1.92	1.91	-0.22
11,238	89.80	315.40	5122	4201	-3643	5559	0.87	-0.22	-0.85
11,328	88.83	314.63	5124	4265	-3707	5649	1.38	-1.08	-0.86
11,419	90.74	314.89	5124	4329	-3772	5740	2.12	2.10	0.29
11,510	90.54	314.34	5123	4393	-3836	5830	0.64	-0.22	-0.60
11,601	89.60	313.81	5123	4456	-3902	5921	1.19	-1.03	-0.58
11,692	89.66	313.76	5123	4519	-3967	6012	0.09	0.07	-0.05
11,783	90.27	314.36	5123	4582	-4033	6103	0.94	0.67	0.66
11,874	89.46	315.05	5124	4647	-4097	6194	1.17	-0.89	0.76
11,965	89.80	315.11	5124	4711	-4162	6285	0.38	0.37	0.07
12,056	90.40	315.87	5124	4776	-4225	6376	1.06	0.66	0.84
12,145	90.24	314.99	5124	4839	-4288	6465	1.00	-0.18	-0.99
12,236	90.20	314.69	5123	4903	-4352	6556	0.33	-0.04	-0.33
12,328	89.97	313.20	5123	4967	-4419	6647	1.64	-0.25	-1.62
12,419	89.90	314.89	5123	5031	-4484	6738	1.86	-0.08	1.86
12,510	89.60	314.25	5124	5094	-4549	6829	0.78	-0.33	-0.70
12,601	90.87	316.47	5123	5159	-4613	6920	2.81	1.40	2.44
12,691	89.43	315.21	5123	5224	-4676	7010	2.13	-1.60	-1.40
12,783	90.34	318.10	5123	5291	-4739	7102	3.29	0.99	3.14
12,873	90.34	318.55	5123	5358	-4799	7192	0.50	0.00	0.50
12,964	89.80	317.83	5122	5426	-4859	7283	0.99	-0.59	-0.79



Scientific Drilling

Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well # 214H - Slot 2
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:	# 214H	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)	
13,054	89.40	317.64	5123	5492	-4920	7373	0.49	-0.44	-0.21	
13,144	91.41	316.98	5122	5558	-4981	7463	2.35	2.23	-0.73	
13,234	91.24	316.25	5120	5624	-5043	7553	0.83	-0.19	-0.81	
13,325	90.67	316.44	5119	5690	-5105	7644	0.66	-0.63	0.21	
13,415	90.40	316.66	5118	5755	-5167	7734	0.39	-0.30	0.24	
13,505	89.93	316.03	5118	5820	-5229	7824	0.87	-0.52	-0.70	
13,595	89.09	315.89	5119	5885	-5292	7914	0.95	-0.93	-0.16	
13,687	90.87	314.79	5119	5950	-5357	8006	2.27	1.93	-1.20	
13,778	90.57	314.02	5117	6014	-5422	8097	0.91	-0.33	-0.85	
13,867	90.27	313.02	5117	6075	-5486	8185	1.17	-0.34	-1.12	
13,958	90.13	312.35	5116	6137	-5553	8276	0.75	-0.15	-0.74	
14,048	90.80	312.77	5116	6198	-5619	8366	0.88	0.74	0.47	
14,138	90.87	312.12	5114	6258	-5686	8455	0.73	0.08	-0.72	
14,229	90.74	311.49	5113	6319	-5754	8546	0.71	-0.14	-0.69	
14,406	89.46	309.93	5113	6435	-5888	8722	1.14	-0.72	-0.88	
14,455	89.46	309.93	5113	6466	-5925	8770	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 @ 4941' TVD	0.00	0.00	4941	-130	637	1,887,940.55	2,779,350.66	36.18842875		-107.64267809
- hit/miss target										
- Shape										
- actual wellpath misses target center by 34ft at 5126ft MD (4925 TVD, -103 N, 650 E)										
- Point										
214H Heel Rev 1	0.00	0.00	5081	176	348	1,888,246.60	2,779,060.66	36.18927104		-107.64365884
- actual wellpath misses target center by 35ft at 5570ft MD (5068 TVD, 201 N, 369 E)										
- Circle (radius 50)										
214H Toe Rev 1	0.00	0.00	5138	6439	-5913	1,894,497.20	2,772,787.87	36.20647381		-107.66487994
- actual wellpath misses target center by 36ft at 14406ft MD (5113 TVD, 6435 N, -5888 E)										
- Circle (radius 100)										

Design Annotations					
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment	
		+N/-S (ft)	+E/-W (ft)		
448	448	-2	-2	First Surface MWD Survey	
4545	4434	-339	811	Last Surface MWD Survey	
4640	4525	-314	806	First Curve MWD Survey	
5643	5076	251	315	Last Curve MWD Survey	
5738	5081	316	247	First Lateral MWD Survey	
14,406	5113	6434	-5888	Last Lateral MWD Survey	
14,455	5113	6466	-5925	Projection to TD	

**Scientific Drilling**
Survey Report

Company:	DJR Operating	Local Co-ordinate Reference:	Well # 214H - Slot 2
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:	# 214H	North Reference:	True
Wellbore:	Original Drilling	Survey Calculation Method:	Minimum Curvature
Design:	Original Drilling	Database:	Grand Junction

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 169324

ACKNOWLEDGMENTS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 169324
	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 169324

CONDITIONS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 169324
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	RT EXPIRES 4/19/2023.	1/19/2023