

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 200 Energy Court Farmington, NM 87401		² OGRID Number 371838	
		³ Reason for Filing Code/ Effective Date RT	
⁴ API Number 30-045-38244	⁵ Pool Name Betonnies Tsoie Wash Unit Mancos Oil		⁶ Pool Code 98175
⁷ Property Code 325179	⁸ Property Name Betonnies Tsoie Wash Unit		⁹ Well Number 207H

II. 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
N	15	23N	08W		808'	South	1781'	West	San Juan

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	26	23N	08W		504'	North	348'	East	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
	~N2 Frac-Gas will be flared during flowback & until N2 & O2 is cleaned from the wellbore~	

IV. Well Completion Data

²¹ Spud Date 10/11/22	²² Ready Date 04/05/24	²³ TD 14,257' MD 4,973' TVD	²⁴ PBTD 14,239' MD 4,973' TVD	²⁵ Perforations 6,443' – 14,192' MD 4,973' – 5,055'TVD FracSleeve @ 14,204'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
12.25"	9.625" 36# J55	388'	109		
8.75"	7" 26# J55	6,022'	Lead: 507 Tail: 154		
6.125"	4.5" 11.6# P110	14,252'	739		

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>4/1/2024</i>	
E-mail Address: sford@enduringresources.com		<i>RT EXPIRES 7/1/2024</i>	
Date: 3/14/2024	Phone: 505-716-3297		

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-38244	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 207H
⁷ OGRID No. 371838	⁸ Operator Name DJR OPERATING, LLC	⁹ Elevation 6830'

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
N	15	23N	8W		808'	SOUTH	1781'	WEST	SAN JUAN

¹¹ Bottom Hole Location If Different From Surface

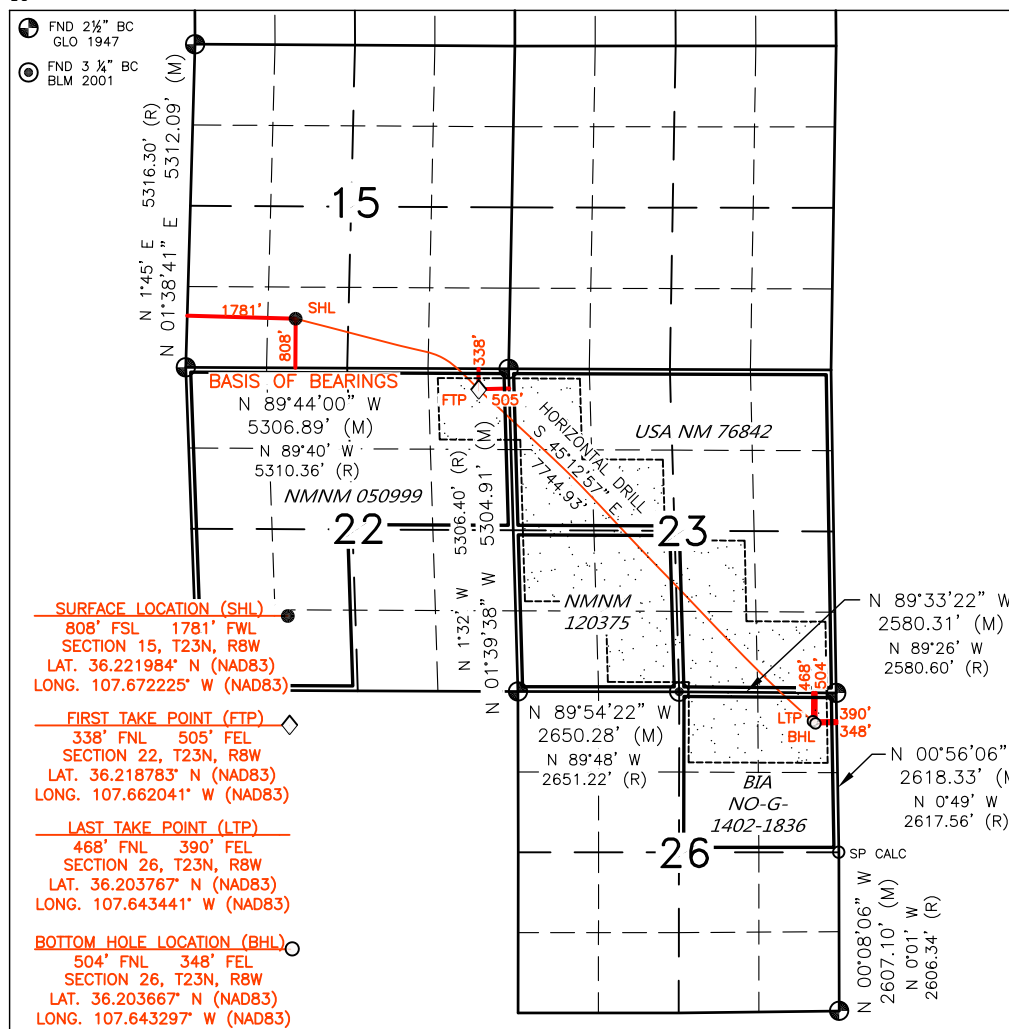
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	26	23N	8W		504'	NORTH	348'	EAST	SAN JUAN

¹² Dedicated Acres
SEC 22: NE/NE (40 AC.); SEC 23: NW/NW, SW/NW,
SE/NW, NW/SW, NE/SW, SE/SW, NW/SE, SW/SE &
SE/SE (360 AC.); SEC 26: NW/NE & NE/NE (80 AC.)
= 480 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 04/01/24
Signature DateShaw-Marie Ford
Printed Name

sford@enduringresources.com

E-mail Address

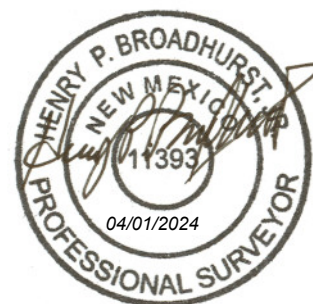
SURVEYOR CERTIFICATION

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.

DECEMBER 27, 2020

Date of Survey

Signature and Seal of Professional Surveyor:



Certificate Number

11393



DJR

Betonnie Tsosie

N15 2308

207H

End of Well Report



www.scientificdrilling.com



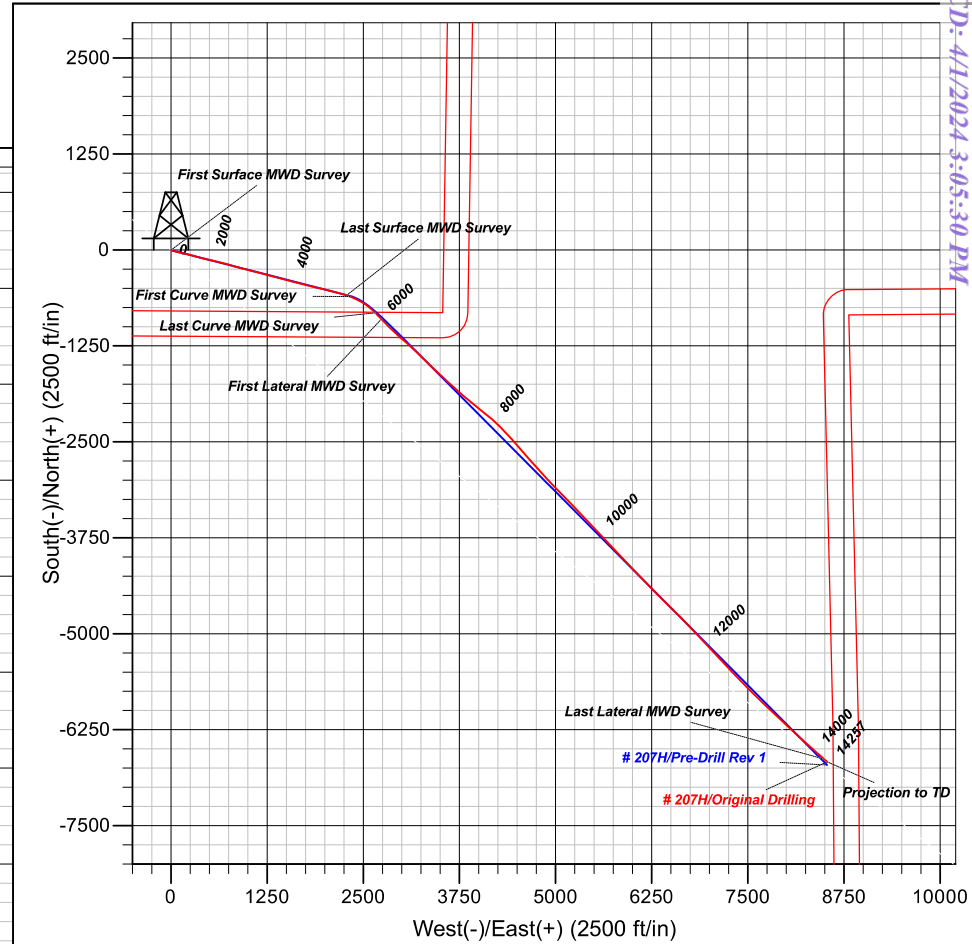
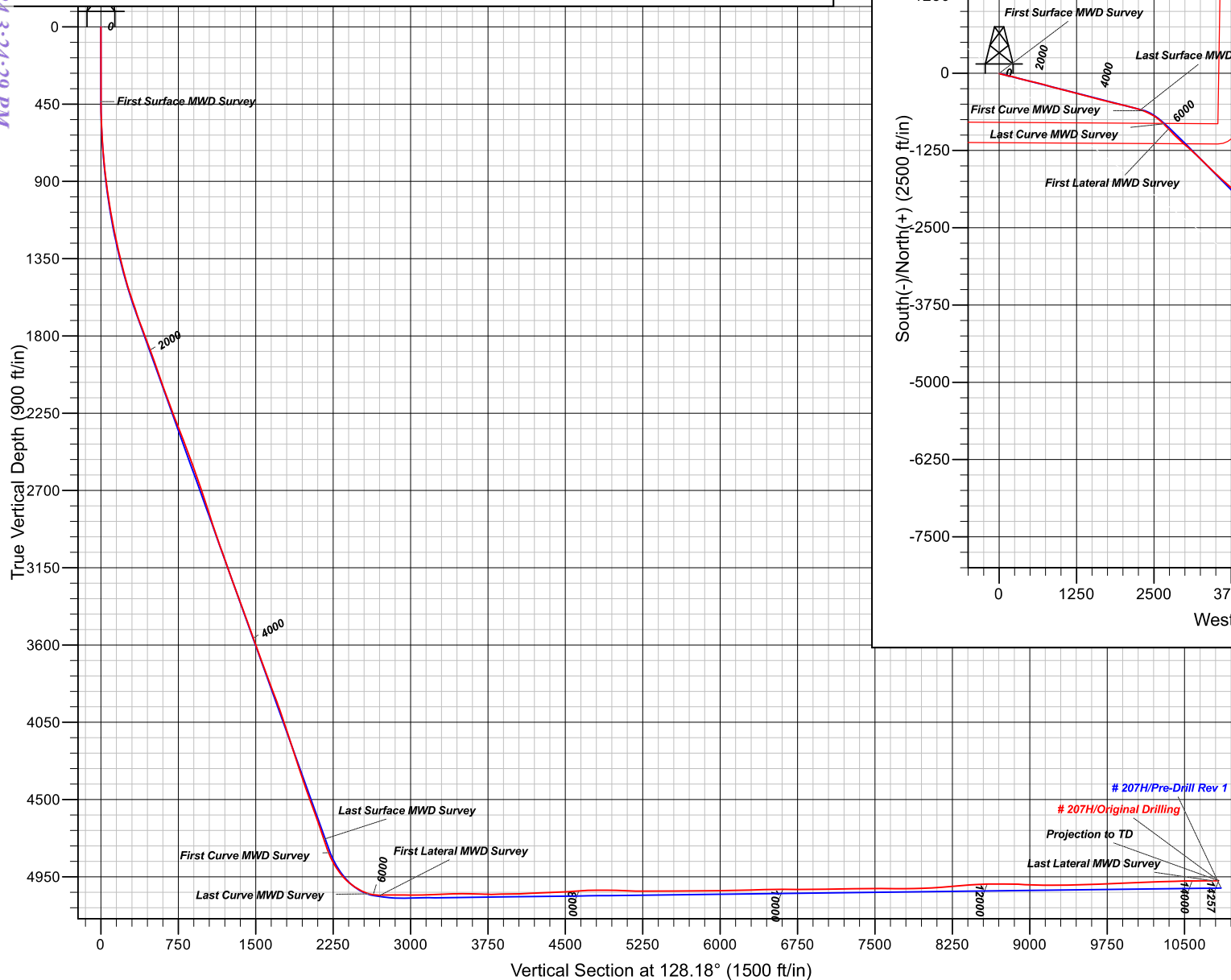


Company Name: DJR Operating
Project: Bettonnie Tsosie Unit
Site: N15 2308 Pad
Well: # 207H
Wellbore: Original Drilling



WELL DETAILS: # 207H

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	
0	0	1900139.55	2770611.59	36.22198400	-107.67222500	3



Design: Original Drilling (# 207H/Original Drilling)

Created By: Janie Collins Date: 9:12, December 26 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

N15 2308 Pad

207H - Slot 3

Original Drilling

Design: Original Drilling

Standard Survey Report

26 December, 2022



www.scientificdrilling.com





Scientific Drilling Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well # 207H - Slot 3
Project:	Betonne Tsoie Unit	TVD Reference:	GL 6830' & RKB 26' @ 6856ft (H&P 443)
Site:	N15 2308 Pad	MD Reference:	GL 6830' & RKB 26' @ 6856ft (H&P 443)
Well:	# 207H	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	N15 2308 Pad		
Site Position:		Northing:	1,900,142.03 usft
From:	Lat/Long	Easting:	2,770,571.47 usft
Position Uncertainty:	0 ft	Slot Radius:	13.20 in
		Latitude:	36.22199100
		Longitude:	-107.67236100
		Grid Convergence:	0.10 °

Well	# 207H - Slot 3		
Well Position	+N/-S	0 ft	Northing:
	+E/-W	0 ft	Easting:
Position Uncertainty	0 ft	Wellhead Elevation:	ft
		Latitude:	36.22198400
		Longitude:	-107.67222500
		Ground Level:	6830 ft

Wellbore	Original Drilling				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM2022	12/14/2022	8.47	62.67	49,062.70000000

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	128.18	

Survey Program	Date	12/26/2022			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
436	5391	Survey #1 - Surface MWD Survey (Original)	MWD+HDGM	OWSG MWD + HDGM	
5483	5958	Survey #2 - Curve MWD Survey (Original)	MWD+HDGM	OWSG MWD + HDGM	
6069	14,257	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	
436	0.34	177.23	436	-1	0	1	0.08	0.08	0.00	
528	2.99	120.48	528	-3	2	3	3.06	2.88	-61.68	
619	5.12	109.33	619	-5	8	10	2.49	2.34	-12.25	
711	7.53	110.10	710	-9	18	19	2.62	2.62	0.84	
802	9.59	103.79	800	-13	31	32	2.48	2.26	-6.93	
893	12.35	104.55	889	-17	47	48	3.04	3.03	0.84	
983	15.26	103.90	977	-22	68	67	3.24	3.23	-0.72	
1074	17.78	105.15	1064	-29	93	91	2.80	2.77	1.37	



Scientific Drilling

Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well # 207H - Slot 3
Project:	Betonne Tsoie Unit	TVD Reference:	GL 6830' & RKB 26' @ 6856ft (H&P 443)
Site:	N15 2308 Pad	MD Reference:	GL 6830' & RKB 26' @ 6856ft (H&P 443)
Well:	# 207H	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)
1165	19.47	102.54	1150	-36	121	117	2.07	1.86	-2.87
1256	20.89	101.59	1236	-42	152	146	1.60	1.56	-1.04
1347	22.78	101.32	1320	-49	185	176	2.08	2.08	-0.30
1437	25.13	103.81	1402	-57	221	209	2.84	2.61	2.77
1527	27.99	104.73	1483	-67	260	246	3.21	3.18	1.02
1617	30.44	105.35	1561	-78	302	286	2.74	2.72	0.69
1708	31.72	105.00	1639	-90	348	329	1.42	1.41	-0.38
1799	33.04	104.60	1716	-103	395	374	1.47	1.45	-0.44
1890	34.99	103.95	1792	-115	444	420	2.18	2.14	-0.71
1985	34.18	103.23	1870	-128	497	469	0.96	-0.85	-0.76
2079	33.10	101.95	1948	-139	547	516	1.37	-1.15	-1.36
2174	32.65	102.88	2028	-151	598	563	0.71	-0.47	0.98
2269	33.03	104.39	2108	-163	648	610	0.95	0.40	1.59
2364	33.46	106.34	2187	-177	698	658	1.21	0.45	2.05
2459	34.24	106.22	2266	-191	749	707	0.82	0.82	-0.13
2554	35.58	106.67	2344	-207	801	757	1.44	1.41	0.47
2648	34.46	105.35	2421	-222	853	807	1.44	-1.19	-1.40
2743	32.99	104.06	2500	-235	904	856	1.72	-1.55	-1.36
2838	34.33	104.37	2579	-248	955	904	1.42	1.41	0.33
2933	32.51	103.47	2658	-261	1006	952	1.99	-1.92	-0.95
3028	30.56	103.70	2739	-272	1054	997	2.06	-2.05	0.24
3123	30.05	104.63	2821	-284	1100	1040	0.73	-0.54	0.98
3218	31.56	104.67	2903	-296	1147	1085	1.59	1.59	0.04
3312	31.82	104.18	2983	-309	1195	1130	0.39	0.28	-0.52
3407	33.19	106.02	3063	-322	1245	1177	1.78	1.44	1.94
3502	32.23	105.19	3143	-336	1294	1225	1.12	-1.01	-0.87
3597	32.87	106.00	3223	-349	1343	1272	0.82	0.67	0.85
3692	33.63	105.68	3303	-364	1393	1320	0.82	0.80	-0.34
3787	33.87	104.85	3382	-378	1444	1369	0.55	0.25	-0.87
3882	32.67	104.19	3461	-391	1495	1416	1.32	-1.26	-0.69
3977	33.21	103.25	3541	-403	1545	1463	0.78	0.57	-0.99
4072	34.78	103.72	3619	-415	1596	1512	1.68	1.65	0.49
4167	33.27	104.02	3698	-428	1648	1560	1.60	-1.59	0.32
4262	32.53	104.72	3778	-441	1698	1607	0.88	-0.78	0.74
4356	35.33	104.46	3856	-454	1749	1655	2.98	2.98	-0.28
4451	34.87	104.51	3934	-468	1802	1705	0.49	-0.48	0.05
4546	31.08	102.70	4013	-480	1852	1752	4.12	-3.99	-1.91
4641	31.41	102.78	4095	-491	1900	1797	0.35	0.35	0.08
4736	31.45	105.09	4176	-503	1948	1842	1.27	0.04	2.43
4831	29.96	102.18	4257	-514	1995	1886	2.21	-1.57	-3.06
4926	31.42	102.68	4339	-525	2043	1930	1.56	1.54	0.53
5021	33.38	104.01	4419	-536	2092	1976	2.20	2.06	1.40
5116	32.52	105.59	4499	-550	2142	2023	1.28	-0.91	1.66



Scientific Drilling

Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well # 207H - Slot 3
Project:	Betonne Tsoie Unit	TVD Reference:	GL 6830' & RKB 26' @ 6856ft (H&P 443)
Site:	N15 2308 Pad	MD Reference:	GL 6830' & RKB 26' @ 6856ft (H&P 443)
Well:	# 207H	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	33.22	107.23	4579	-564	2192	2071	1.19	0.74	1.73
5306	32.26	106.24	4659	-579	2241	2119	1.16	-1.01	-1.04
5391	29.85	105.18	4731	-591	2283	2160	2.91	-2.84	-1.25
5483	33.83	111.63	4810	-606	2329	2205	5.69	4.33	7.01
5577	46.43	114.62	4881	-630	2384	2264	13.56	13.40	3.18
5672	53.68	116.45	4942	-662	2450	2335	7.77	7.63	1.93
5767	65.63	124.18	4990	-703	2520	2416	14.39	12.58	8.14
5862	70.76	129.85	5026	-756	2591	2504	7.74	5.40	5.97
5958	80.76	135.40	5049	-819	2659	2597	11.82	10.42	5.78
6069	90.84	136.63	5057	-899	2736	2706	9.15	9.08	1.11
6116	90.57	136.18	5057	-933	2768	2753	1.12	-0.57	-0.96
6210	89.90	134.01	5056	-999	2835	2846	2.42	-0.71	-2.31
6304	89.36	133.59	5057	-1064	2902	2939	0.73	-0.57	-0.45
6398	90.64	132.77	5057	-1129	2971	3033	1.62	1.36	-0.87
6492	89.80	130.39	5057	-1191	3041	3127	2.68	-0.89	-2.53
6586	92.31	131.70	5055	-1253	3112	3221	3.01	2.67	1.39
6679	92.18	134.46	5051	-1316	3180	3313	2.97	-0.14	2.97
6773	90.40	134.10	5049	-1382	3247	3407	1.93	-1.89	-0.38
6867	89.90	134.36	5049	-1447	3315	3500	0.60	-0.53	0.28
6960	89.19	133.92	5050	-1512	3381	3593	0.90	-0.76	-0.47
7054	88.56	133.99	5051	-1577	3449	3686	0.67	-0.67	0.07
7148	89.97	132.32	5053	-1642	3518	3780	2.33	1.50	-1.78
7242	91.24	132.83	5052	-1705	3587	3874	1.46	1.35	0.54
7335	89.93	132.50	5051	-1768	3655	3966	1.45	-1.41	-0.35
7429	91.92	130.58	5049	-1831	3725	4060	2.94	2.12	-2.04
7523	91.41	131.22	5046	-1892	3797	4154	0.87	-0.54	0.68
7618	90.97	130.92	5044	-1955	3868	4249	0.56	-0.46	-0.32
7712	92.01	129.56	5042	-2015	3940	4343	1.82	1.11	-1.45
7806	91.41	128.49	5039	-2074	4013	4437	1.30	-0.64	-1.14
7900	91.21	128.33	5037	-2133	4086	4531	0.27	-0.21	-0.17
7994	93.63	129.79	5033	-2192	4159	4625	3.01	2.57	1.55
8087	91.14	133.35	5029	-2254	4229	4717	4.67	-2.68	3.83
8182	89.97	136.03	5028	-2320	4296	4812	3.08	-1.23	2.82
8276	89.56	137.01	5029	-2389	4361	4905	1.13	-0.44	1.04
8370	88.89	137.91	5030	-2458	4425	4997	1.19	-0.71	0.96
8463	88.83	138.58	5032	-2527	4487	5089	0.72	-0.06	0.72
8557	88.89	138.45	5034	-2598	4549	5181	0.15	0.06	-0.14
8647	90.64	138.88	5034	-2665	4608	5270	2.00	1.94	0.48
8737	90.20	138.83	5033	-2733	4667	5358	0.49	-0.49	-0.06
8828	89.77	139.08	5033	-2802	4727	5448	0.55	-0.47	0.27
8919	90.54	137.41	5033	-2870	4788	5537	2.02	0.85	-1.84
9009	89.93	137.86	5033	-2936	4848	5626	0.84	-0.68	0.50
9100	89.70	137.50	5033	-3003	4910	5716	0.47	-0.25	-0.40



Scientific Drilling Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well # 207H - Slot 3
Project:	Betonne Tsoie Unit	TVD Reference:	GL 6830' & RKB 26' @ 6856ft (H&P 443)
Site:	N15 2308 Pad	MD Reference:	GL 6830' & RKB 26' @ 6856ft (H&P 443)
Well:	# 207H	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)	
9191	90.44	136.21	5033	-3070	4972	5806	1.63	0.81	-1.42	
9281	90.13	135.17	5033	-3134	5035	5895	1.21	-0.34	-1.16	
9371	91.21	136.54	5031	-3199	5098	5984	1.94	1.20	1.52	
9461	91.01	136.35	5030	-3264	5160	6073	0.31	-0.22	-0.21	
9551	90.34	136.02	5029	-3329	5222	6162	0.83	-0.74	-0.37	
9641	90.13	135.50	5028	-3393	5285	6252	0.62	-0.23	-0.58	
9731	91.71	137.13	5027	-3458	5347	6341	2.52	1.76	1.81	
9823	90.84	136.35	5025	-3525	5410	6432	1.27	-0.95	-0.85	
9914	90.37	136.39	5024	-3591	5473	6522	0.52	-0.52	0.04	
10,004	90.20	136.72	5023	-3657	5534	6611	0.41	-0.19	0.37	
10,096	89.20	136.43	5024	-3723	5598	6702	1.13	-1.09	-0.32	
10,188	90.70	137.24	5024	-3791	5661	6793	1.85	1.63	0.88	
10,280	90.44	136.95	5023	-3858	5723	6884	0.42	-0.28	-0.32	
10,372	90.10	136.26	5023	-3925	5786	6975	0.84	-0.37	-0.75	
10,463	89.66	136.27	5023	-3991	5849	7065	0.48	-0.48	0.01	
10,555	91.28	136.22	5022	-4057	5913	7156	1.76	1.76	-0.05	
10,647	90.94	136.40	5020	-4123	5977	7247	0.42	-0.37	0.20	
10,736	90.37	136.75	5019	-4188	6038	7335	0.75	-0.64	0.39	
10,828	89.93	136.48	5019	-4255	6101	7426	0.56	-0.48	-0.29	
10,919	90.00	136.30	5019	-4321	6164	7516	0.21	0.08	-0.20	
11,009	90.00	135.92	5019	-4386	6226	7605	0.42	0.00	-0.42	
11,100	89.53	135.53	5019	-4451	6290	7695	0.67	-0.52	-0.43	
11,190	90.60	136.35	5019	-4516	6352	7784	1.50	1.19	0.91	
11,282	90.34	134.77	5019	-4581	6417	7876	1.74	-0.28	-1.72	
11,373	91.58	134.17	5017	-4645	6482	7966	1.51	1.36	-0.66	
11,463	91.27	133.85	5015	-4707	6546	8056	0.49	-0.34	-0.36	
11,554	92.82	134.22	5012	-4771	6612	8146	1.75	1.70	0.41	
11,644	93.02	136.29	5007	-4835	6675	8235	2.31	0.22	2.30	
11,735	92.79	136.04	5002	-4900	6738	8325	0.37	-0.25	-0.27	
11,825	92.32	136.85	4998	-4965	6800	8414	1.04	-0.52	0.90	
11,916	92.08	136.93	4995	-5032	6862	8504	0.28	-0.26	0.09	
12,006	90.30	137.16	4993	-5097	6923	8593	1.99	-1.98	0.26	
12,097	90.07	136.47	4993	-5164	6986	8683	0.80	-0.25	-0.76	
12,189	90.40	137.03	4992	-5231	7049	8774	0.71	0.36	0.61	
12,279	88.36	137.59	4993	-5297	7110	8863	2.35	-2.27	0.62	
12,370	88.26	137.24	4996	-5364	7171	8953	0.40	-0.11	-0.38	
12,459	89.23	136.33	4998	-5429	7232	9041	1.49	1.09	-1.02	
12,550	89.40	135.68	4999	-5494	7295	9131	0.74	0.19	-0.71	
12,639	90.44	136.42	4999	-5558	7357	9219	1.43	1.17	0.83	
12,730	90.74	136.19	4998	-5624	7420	9309	0.42	0.33	-0.25	
12,822	89.83	136.53	4998	-5691	7483	9400	1.06	-0.99	0.37	
12,912	90.84	134.29	4997	-5755	7547	9489	2.73	1.12	-2.49	
13,002	91.41	134.47	4995	-5818	7611	9579	0.66	0.63	0.20	
13,092	90.54	132.58	4994	-5880	7676	9668	2.31	-0.97	-2.10	



Scientific Drilling Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well # 207H - Slot 3
Project:	Betonne Tsoie Unit	TVD Reference:	GL 6830' & RKB 26' @ 6856ft (H&P 443)
Site:	N15 2308 Pad	MD Reference:	GL 6830' & RKB 26' @ 6856ft (H&P 443)
Well:	# 207H	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)	
13,183	91.81	134.00	4992	-5942	7742	9759	2.09	1.40	1.56	
13,273	91.81	133.87	4989	-6004	7807	9849	0.14	0.00	-0.14	
13,367	91.81	133.77	4986	-6070	7875	9942	0.11	0.00	-0.11	
13,460	91.31	133.16	4984	-6133	7942	10,035	0.85	-0.54	-0.66	
13,553	91.01	133.30	4982	-6197	8010	10,127	0.36	-0.32	0.15	
13,647	91.11	132.48	4980	-6261	8079	10,221	0.88	0.11	-0.87	
13,741	91.21	132.33	4978	-6325	8148	10,315	0.19	0.11	-0.16	
13,835	91.07	131.91	4976	-6388	8218	10,408	0.47	-0.15	-0.45	
13,930	90.34	132.03	4975	-6451	8289	10,503	0.78	-0.77	0.13	
14,024	90.34	131.97	4975	-6514	8359	10,597	0.06	0.00	-0.06	
14,118	90.37	130.69	4974	-6576	8429	10,691	1.36	0.03	-1.36	
14,201	90.40	130.62	4973	-6630	8492	10,774	0.09	0.04	-0.08	
14,257	90.40	130.62	4973	-6667	8535	10,830	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		
- hit/miss target										
- Shape										
207H Toe	0.00	0.00	5016	-6709	8532	1,893,445.03	2,779,154.94	36.20355110		
- actual wellpath misses target center by 60ft at 14257ft MD (4973 TVD, -6667 N, 8535 E)										
- Circle (radius 100)										
207H 85° Casing Rev 1	0.00	0.00	5060	-843	2704	1,899,300.89	2,773,316.83	36.21966742		
- actual wellpath misses target center by 16ft at 6007ft MD (5055 TVD, -854 N, 2693 E)										
- Point										
207H FTP	0.00	0.00	5070	-1175	3049	1,898,970.05	2,773,662.81	36.21875690		
- actual wellpath misses target center by 22ft at 6487ft MD (5057 TVD, -1188 N, 3037 E)										
- Circle (radius 50)										
207H Heel Rev 2	0.00	0.00	5075	-995	2889	1,899,149.75	2,773,501.79	36.21925132		
- actual wellpath misses target center by 45ft at 6246ft MD (5056 TVD, -1024 N, 2860 E)										
- Circle (radius 50)										

Design Annotations					
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates			
		+N/-S (ft)	+E/-W (ft)	Comment	
436	436	-1	0	First Surface MWD Survey	
5391	4731	-591	2283	Last Surface MWD Survey	
5483	4810	-606	2329	First Curve MWD Survey	
5958	5049	-819	2659	Last Curve MWD Survey	
6069	5057	-899	2736	First Lateral MWD Survey	
14,201	4973	-6630	8492	Last Lateral MWD Survey	
14,257	4973	-6667	8535	Projection to TD	



Company:	DJR Operating	Local Co-ordinate Reference:	Well # 207H - Slot 3
Project:	Betonnies Tsosie Unit	TVD Reference:	GL 6830' & RKB 26' @ 6856ft (H&P 443)
Site:	N15 2308 Pad	MD Reference:	GL 6830' & RKB 26' @ 6856ft (H&P 443)
Well:	# 207H	North Reference:	True
Wellbore:	Original Drilling	Survey Calculation Method:	Minimum Curvature
Design:	Original Drilling	Database:	Grand Junction

Checked By: _____

Approved By: _____

Date: _____

**Directional Survey Certification**

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

Operator	DJR Operating
Well Name & No.	Betonnies Tsosie N15 2308 207H
County & State	San Juan, NM
SDI Job No.	OP.037256
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 436 feet to a measured depth of 14,257 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

26-Dec-22

Date

Janie Collins

Colorado District Well Planner
Scientific Drilling International

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 328555

ACKNOWLEDGMENTS

Operator: DJR OPERATING, LLC 200 Energy Court Farmington, NM 87401	OGRID: 371838
	Action Number: 328555
	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 328555

CONDITIONS

Operator: DJR OPERATING, LLC 200 Energy Court Farmington, NM 87401	OGRID: 371838
	Action Number: 328555
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	RT EXPIRES 7/1/2024.	4/1/2024