

Santa Fe Main Office Phone: (505) 476-3441 Fax: (55) 476-3462 General Information Phone: (505) 629-6116 Online Phone Directory Visit: https://www.emnrd.nm.gov/ocd/contact-us/	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	C-104 Revised July 9, 2024 Submit Electronically Via OCD Permitting
--	--	---

REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

Section 1 - Operator and Well Information

Submittal Type: ☐ Test Allowable (C-104RT) ☒ New Well (C-104NW) ☐ Recomplete (C-104RC) ☐ Pay Add (C-104RC) ☐ Amended	
Operator Name: DJR OPERATING LLC	OGRID: 371838
Property Name and Well Number: BETONNIE TSOSIE WASH UNIT 305H	Property Code: 325179
Mineral Owner: ☐ State ☐ Fee ☒ Tribal ☒ Federal	API Number: 30-045-38327
Pool Name: BETONNIE TSOSIE WASH UNIT MANCOS OIL	Pool Code: 98175

Section 2 – Surface Location

UL B	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
	21	23N	8W		406' NORTH	2059' EAST	36.218747	-107.685288	SAN JUAN

Section 3 – Completion Information

Producing Method FLOWING	Ready Date 6/26/2024	Perforations MD 5230' – 12788'	Perforations TVD 4968' – 5014'
-----------------------------	-------------------------	-----------------------------------	-----------------------------------

Section 4 – Action IDs for Submissions and Order Numbers

List Action IDs for Drilling Sundries	Was an Order required / needed (Y/N), if yes list Order number:
C-104 RT Action ID (if C-104NW): 351432	Communitization Agreement ☐ Yes ☒ No, Order No.
Surface Casing Action ID: 355134	Unit: ☒ Yes ☐ No, Order No. R-13930 / R-13930A
Intermediate 1 Casing Action ID: 343409	Compulsory Pooling: ☐ Yes ☒ No, Order No.
Intermediate 2 Casing Action ID:	Down Hole Commingling: ☐ Yes ☒ No, Order No.
Production Casing Action ID: 345987	Surface Commingling: ☐ Yes ☒ No, Order No.
All casing was pressure tested in accordance with NMAC ☒ Yes ☐ No	Non-standard Location: ☐ Yes ☒ No ☐ Common ownership Order No.
Liner 1 Action ID: 345987	Non-standard Proration: ☐ Yes ☒ No, Order No.
Casing was installed prior to OCD's Action ID system (Y/N): N	Simultaneous Dedication: ☐ Yes ☒ No, Order No.

Section 5 - Operator Signature and Certification

☒ I hereby certify that the required Water Use Report has been, or will be, submitted for this well's completion.	
☒ I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this well's completion.	
☒ 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.	
Name Shaw-Marie Ford	
Title Regulatory Specialist	Date 9/11/2024

C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024	
		Submittal Type:	☐ Initial Submittal ☐ Amended Report ☒ As Drilled

WELL LOCATION INFORMATION

API Number 30-045-38327	Pool Code 98175	Pool Name BETONNIE TSOSIE WASH UNIT MANCOS OIL POOL
Property Code 325179	Property Name BETONNIE TSOSIE WASH UNIT	Well Number 305H
OGRID No. 371838	Operator Name DJR OPERATING, LLC	Ground Level Elevation 6837'
Surface Owner: ☐ State ☐ Fee ☐ Tribal ☒ Federal		Mineral Owner: ☐ State ☐ Fee ☐ Tribal ☒ Federal

Surface Location (SHL)

UL	Section	Township	Range	Lot	Ft from the N/S	Ft from the E/W	Latitude	Longitude	County
B	21	23N	8W		406' NORTH	2059' EAST	36.218747° N	107.685288° W	SAN JUAN

Bottom Hole Location (BHL)

UL	Section	Township	Range	Lot	Ft from the N/S	Ft from the E/W	Latitude	Longitude	County
B	27	23N	8W		323' NORTH	2200' EAST	36.204286° N	107.667326° W	SAN JUAN

Dedicated Acres PENETRATED SPACING UNIT; SEC 21: NE/4 & NE/SE (200 AC.); SEC 22: SW/NW, SW/4 & SW/SE (240 AC.); SEC 27: NE/NW & NW/NE (80 AC.) = 520 ACRES	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N) N	Consolidation Code U
Order Numbers: R-13930 R-13930A		Well Setbacks are under Common Ownership: ☐ Yes ☐ No		

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft from the N/S	Ft from the E/W	Latitude	Longitude	County
O	16	23N	8W		37' SOUTH	2414' EAST	36.219975° N	107.686531° W	SAN JUAN

Fist Take Point (FTP)

UL	Section	Township	Range	Lot	Ft from the N/S	Ft from the E/W	Latitude	Longitude	County
B	21	23N	8W		246' NORTH	2124' EAST	36.219189° N	107.685528° W	SAN JUAN

Last Take Point (LTP)

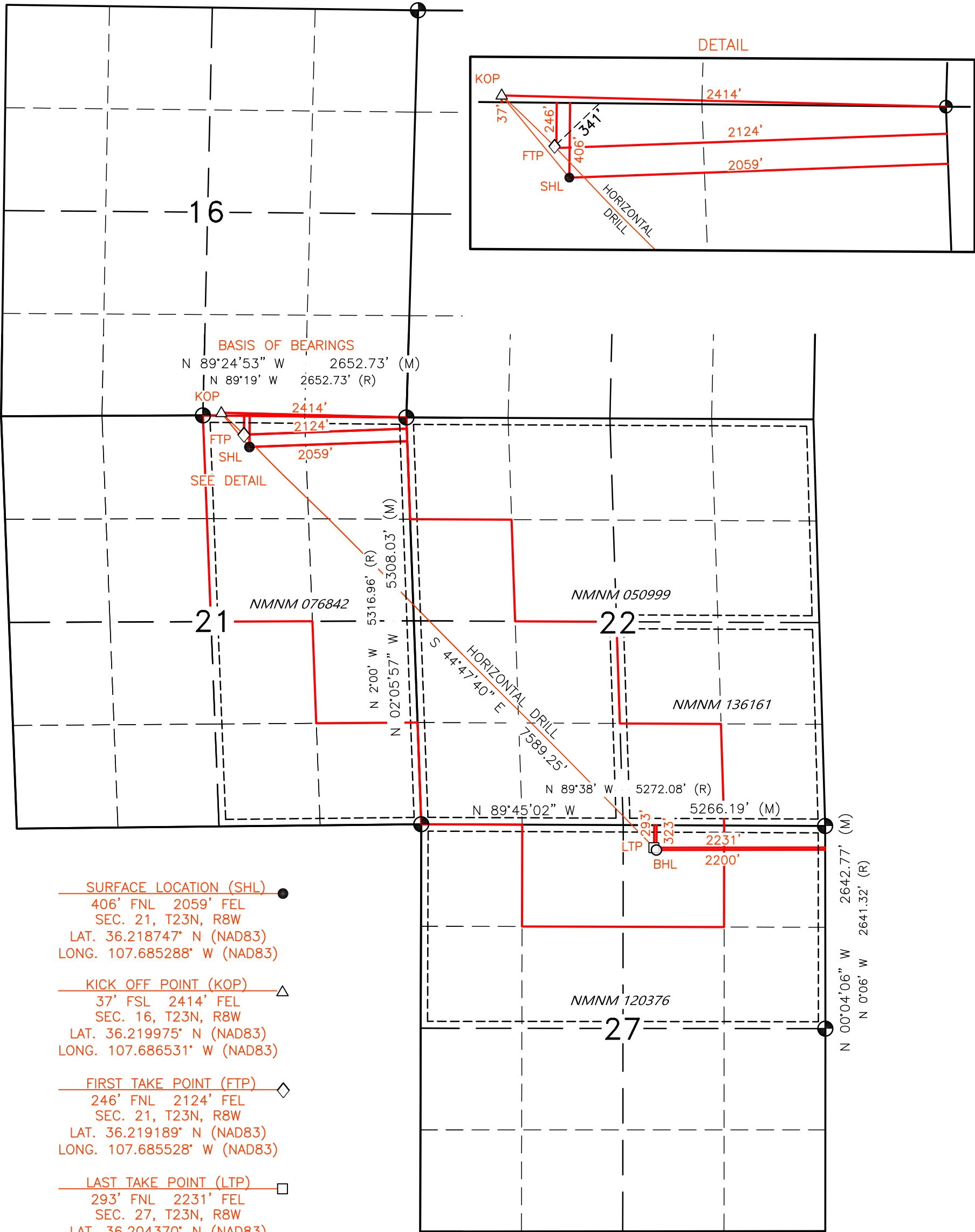
UL	Section	Township	Range	Lot	Ft from the N/S	Ft from the E/W	Latitude	Longitude	County
B	27	23N	8W		293' NORTH	2231' EAST	36.204370° N	107.667431° W	SAN JUAN

Unitized Area or Area of Uniform Interest BETONNIE TSOSIE WASH	Spacing Unit Type ☒ Horizontal ☐ Vertical	Ground Floor Elevation
---	--	------------------------

OPERATOR CERTIFICATIONS I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, 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 a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division. Shaw-Marie Ford9/11/2024 SignatureDate Shaw-Marie Ford Printed Name sford@enduringresources.com E-mail Address	SURVEYOR CERTIFICATIONS 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.  Signature and Seal of Professional Surveyor: Certificate Number11393 Date of SurveyMAY 31, 2024
---	--

Note: 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.

FND 2 1/2" BC
GLO 1947



SURFACE LOCATION (SHL) ●
406' FNL 2059' FEL
SEC. 21, T23N, R8W
LAT. 36.218747° N (NAD83)
LONG. 107.685288° W (NAD83)

KICK OFF POINT (KOP) △
37' FSL 2414' FEL
SEC. 16, T23N, R8W
LAT. 36.219975° N (NAD83)
LONG. 107.686531° W (NAD83)

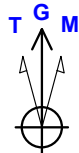
FIRST TAKE POINT (FTP) ◇
246' FNL 2124' FEL
SEC. 21, T23N, R8W
LAT. 36.219189° N (NAD83)
LONG. 107.685528° W (NAD83)

LAST TAKE POINT (LTP) □
293' FNL 2231' FEL
SEC. 27, T23N, R8W
LAT. 36.204370° N (NAD83)
LONG. 107.667431° W (NAD83)

BOTTOM HOLE LOCATION (BHL) ○
323' FNL 2200' FEL
SEC. 27, T23N, R8W
LAT. 36.204286° N (NAD83)
LONG. 107.667326° W (NAD83)



Well: **Betonnies Wash Unit 305H**
Site: **Betonnies Wash Unit (305, 306 & 721)**
Project: **San Juan County, New Mexico NAD83 NM W**
Design: **MWD surveys**
Rig: **Aztec 1000**



Azimuths to Grid North
True North: -0.09°
Magnetic North: 8.38°

Magnetic Field
Strength: 49018.8nT
Dip Angle: 62.68°
Date: 4/23/2024
Model: IGRF2020

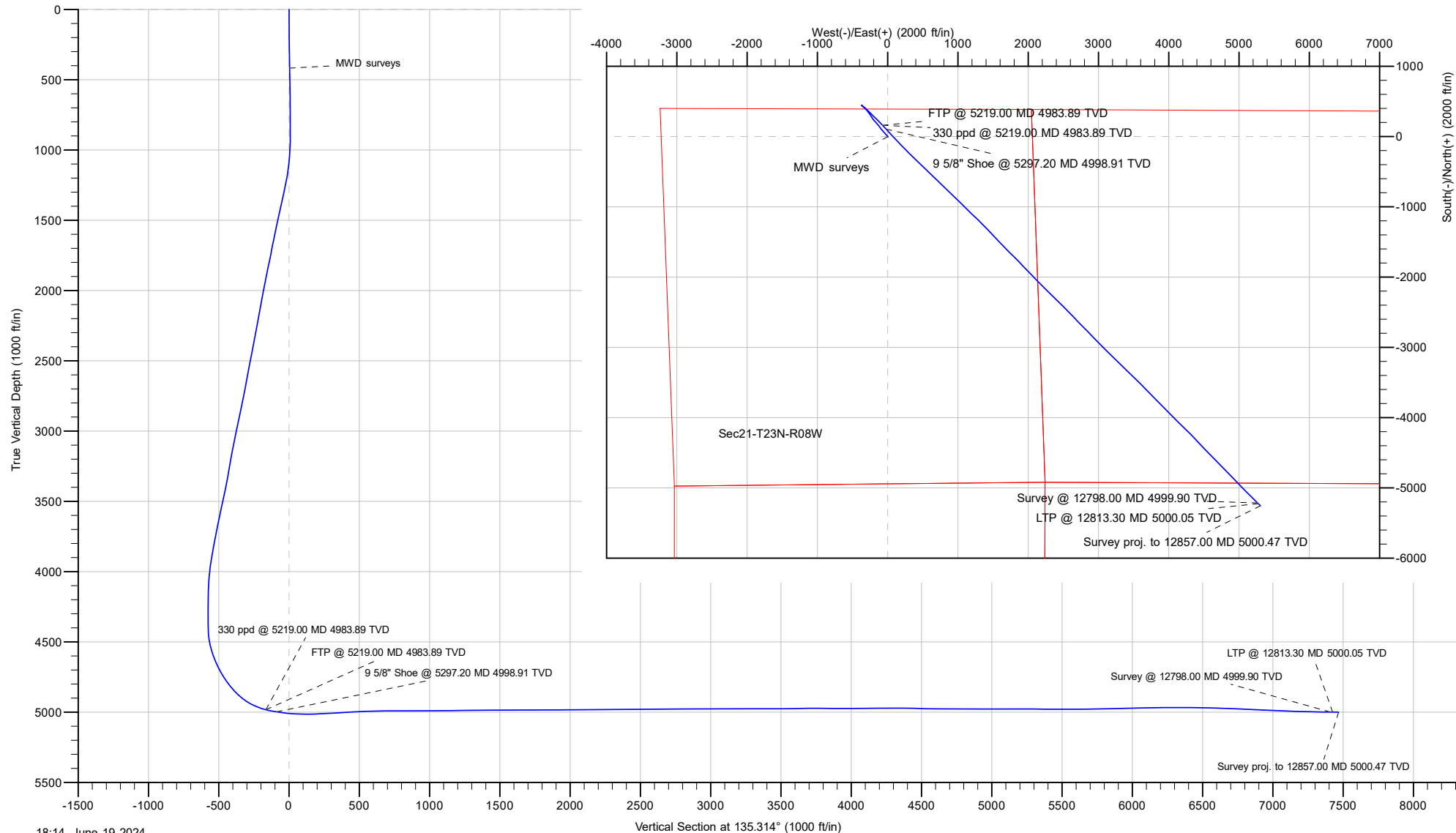
Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: New Mexico Western Zone
System Datum: Mean Sea Level
Depth Reference: RKB=6837+25 @ 6862.00ft (Aztec 1000)

Surface location:
Northing 1898955.07 Easting 2766760.37 Latitude 36.21874700 Longitude -107.68528800

ANNOTATIONS SURVEYS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Vsect	Annotation
419.00	1.48	104.940	418.95	-1.40	5.23	4.67	MWD surveys
5219.00	75.06	136.540	4983.89	160.64	-71.03	-164.16	330 ppd @ 5219.00 MD 4983.89 TVD
5219.00	75.06	136.540	4983.89	160.64	-71.03	-164.16	FTP @ 5219.00 MD 4983.89 TVD
5297.20	81.48	137.640	4998.91	104.65	-18.60	-87.48	9 5/8" Shoe @ 5297.20 MD 4998.91 TVD
12798.00	89.45	134.400	4999.90	-5214.31	5265.16	7409.80	Survey @ 12798.00 MD 4999.90 TVD
12813.30	89.45	134.400	5000.05	-5225.02	5276.09	7425.10	LTP @ 12813.30 MD 5000.05 TVD
12857.00	89.45	134.400	5000.47	-5255.59	5307.32	7468.79	Survey proj. to 12857.00 MD 5000.47 TVD

Total Corr (M=>G): To convert a Magnetic Direction to a Grid Direction, Add 8.38°





Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Betonnie Tsosie Wash Unit 305H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB=6837+25 @ 6862.00ft (Aztec 1000)
Site:	Betonnie Tsosie Wash Unit (305, 306 & 721)	MD Reference:	RKB=6837+25 @ 6862.00ft (Aztec 1000)
Well:	Betonnie Tsosie Wash Unit 305H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	MWD surveys	Database:	DT_May1924_v17

Project	San Juan County, New Mexico NAD83 NM W		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Western Zone		

Site	Betonnie Tsosie Wash Unit (305, 306 & 721)		
Site Position:		Northing:	1,898,955.07 usft
From:	Lat/Long	Easting:	2,766,760.37 usft
Position Uncertainty:	0.00 ft	Slot Radius:	13-3/16 "
		Latitude:	36.21874700
		Longitude:	-107.68528800

Well	Betonnie Tsosie Wash Unit 305H, Surf loc: 406 FNL 2059 FEL Section 21-T23N-R08W			
Well Position	+N/-S	0.00 ft	Northing:	1,898,955.07 usft
	+E/-W	0.00 ft	Easting:	2,766,760.37 usft
Position Uncertainty	0.00 ft	Wellhead Elevation:	ft	Ground Level:
Grid Convergence:	0.09 °			6,837.00 ft

Wellbore	Original Hole				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	4/23/2024	8.47	62.68	49,018.84097179

Design	MWD surveys			
Audit Notes:				
Version:	1.0	Phase:	ACTUAL	Tie On Depth:
				0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.00	0.00	0.00	135.314

Survey Program	Date	6/19/2024		
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
419.00	5,249.00	MWD int (Original Hole)	MWD	OWSG MWD - Standard
5,318.00	12,798.00	MWD (Original Hole)	MWD	OWSG MWD - Standard
12,857.00	12,857.00	Projection (Original Hole)	MWD	OWSG MWD - Standard

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00
419.00	1.48	104.940	418.95	-1.40	5.23	4.67	0.35	0.35	0.00
MWD surveys									
513.00	1.64	112.620	512.92	-2.23	7.64	6.96	0.28	0.17	8.17
608.00	0.31	154.440	607.90	-2.98	9.01	8.45	1.50	-1.40	44.02
703.00	0.39	187.100	702.90	-3.53	9.08	8.90	0.22	0.08	34.38
798.00	0.25	182.370	797.90	-4.06	9.03	9.24	0.15	-0.15	-4.98
892.00	0.38	159.750	891.90	-4.56	9.13	9.66	0.19	0.14	-24.06



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Betonnie Tsosie Wash Unit 305H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB=6837+25 @ 6862.00ft (Aztec 1000)
Site:	Betonnie Tsosie Wash Unit (305, 306 & 721)	MD Reference:	RKB=6837+25 @ 6862.00ft (Aztec 1000)
Well:	Betonnie Tsosie Wash Unit 305H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	MWD surveys	Database:	DT_May1924_v17

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
987.00	2.39	305.840	986.87	-3.69	7.63	7.99	2.86	2.12	153.78
1,082.00	5.83	316.450	1,081.62	0.96	2.70	1.21	3.69	3.62	11.17
1,174.00	9.04	316.710	1,172.83	9.61	-5.48	-10.69	3.49	3.49	0.28
1,265.00	12.12	319.170	1,262.27	22.05	-16.63	-27.37	3.42	3.38	2.70
1,357.00	12.54	315.980	1,352.15	36.54	-29.88	-46.99	0.87	0.46	-3.47
1,447.00	12.39	318.320	1,440.03	50.78	-43.09	-66.40	0.59	-0.17	2.60
1,538.00	11.89	317.560	1,529.00	64.99	-55.91	-85.52	0.58	-0.55	-0.84
1,629.00	11.98	322.770	1,618.03	79.43	-67.95	-104.25	1.19	0.10	5.73
1,720.00	10.82	314.430	1,707.24	92.93	-79.77	-122.16	2.21	-1.27	-9.16
1,810.00	11.83	324.420	1,795.50	106.34	-91.17	-139.72	2.45	1.12	11.10
1,900.00	11.92	326.890	1,883.57	121.63	-101.61	-157.93	0.57	0.10	2.74
1,994.00	11.02	322.990	1,975.69	136.94	-112.32	-176.35	1.26	-0.96	-4.15
2,089.00	10.60	320.650	2,069.01	150.95	-123.33	-194.05	0.64	-0.44	-2.46
2,184.00	10.23	318.940	2,162.44	164.06	-134.41	-211.16	0.51	-0.39	-1.80
2,279.00	10.42	319.280	2,255.90	176.94	-145.56	-228.15	0.21	0.20	0.36
2,374.00	10.70	318.290	2,349.30	190.03	-157.03	-245.53	0.35	0.29	-1.04
2,468.00	10.96	318.680	2,441.62	203.26	-168.73	-263.17	0.29	0.28	0.41
2,563.00	11.22	319.540	2,534.85	217.07	-180.69	-281.40	0.32	0.27	0.91
2,658.00	11.21	320.010	2,628.03	231.18	-192.63	-299.82	0.10	-0.01	0.49
2,753.00	10.53	318.900	2,721.33	244.79	-204.27	-317.69	0.75	-0.72	-1.17
2,848.00	11.38	322.720	2,814.60	258.79	-215.65	-335.65	1.18	0.89	4.02
2,943.00	12.39	329.340	2,907.56	275.02	-226.53	-354.83	1.78	1.06	6.97
3,037.00	12.05	329.260	2,999.43	292.13	-236.68	-374.14	0.36	-0.36	-0.09
3,132.00	11.48	327.070	3,092.44	308.59	-246.89	-393.02	0.76	-0.60	-2.31
3,227.00	10.88	324.680	3,185.64	323.84	-257.22	-411.12	0.80	-0.63	-2.52
3,322.00	9.61	320.720	3,279.12	337.29	-267.42	-427.86	1.53	-1.34	-4.17
3,417.00	10.68	320.330	3,372.63	350.21	-278.06	-444.52	1.13	1.13	-0.41
3,512.00	12.45	322.000	3,465.70	365.05	-289.98	-463.46	1.90	1.86	1.76
3,607.00	12.03	318.570	3,558.54	380.54	-302.84	-483.52	0.88	-0.44	-3.61
3,702.00	11.58	315.930	3,651.53	394.82	-316.02	-502.94	0.74	-0.47	-2.78
3,796.00	10.92	312.920	3,743.73	407.66	-329.11	-521.27	0.94	-0.70	-3.20
3,891.00	10.68	311.240	3,837.05	419.59	-342.32	-539.04	0.42	-0.25	-1.77
3,985.00	8.55	313.580	3,929.72	430.15	-353.93	-554.71	2.30	-2.27	2.49
4,080.00	5.34	322.550	4,024.01	438.53	-361.73	-566.16	3.56	-3.38	9.44
4,175.00	2.83	334.680	4,118.77	444.16	-365.43	-572.76	2.78	-2.64	12.77
4,270.00	0.38	310.200	4,213.72	446.49	-366.67	-575.29	2.62	-2.58	-25.77
4,365.00	0.49	221.490	4,308.72	446.38	-367.18	-575.57	0.65	0.12	-93.38
4,396.00	0.42	204.600	4,339.72	446.18	-367.31	-575.53	0.49	-0.23	-54.48
4,428.00	0.65	202.210	4,371.72	445.91	-367.43	-575.41	0.72	0.72	-7.47
4,460.00	1.65	158.150	4,403.71	445.31	-367.33	-574.92	3.96	3.13	-137.69
4,491.00	4.14	145.290	4,434.67	443.98	-366.53	-573.40	8.25	8.03	-41.48
4,523.00	6.74	135.770	4,466.52	441.68	-364.56	-570.39	8.57	8.13	-29.75
4,555.00	9.35	130.500	4,498.21	438.65	-361.27	-565.92	8.47	8.16	-16.47



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Betonnie Tsosie Wash Unit 305H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB=6837+25 @ 6862.00ft (Aztec 1000)
Site:	Betonnie Tsosie Wash Unit (305, 306 & 721)	MD Reference:	RKB=6837+25 @ 6862.00ft (Aztec 1000)
Well:	Betonnie Tsosie Wash Unit 305H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	MWD surveys	Database:	DT_May1924_v17

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,586.00	12.86	129.550	4,528.62	434.81	-356.69	-559.98	11.34	11.32	-3.06
4,618.00	16.40	127.410	4,559.58	429.80	-350.36	-551.95	11.19	11.06	-6.69
4,649.00	19.14	127.820	4,589.10	424.02	-342.87	-542.58	8.85	8.84	1.32
4,681.00	22.33	129.330	4,619.02	416.95	-334.02	-531.33	10.11	9.97	4.72
4,713.00	24.75	129.860	4,648.36	408.81	-324.17	-518.61	7.59	7.56	1.66
4,744.00	26.45	129.370	4,676.31	400.27	-313.85	-505.29	5.53	5.48	-1.58
4,776.00	28.29	130.560	4,704.73	390.81	-302.58	-490.64	6.00	5.75	3.72
4,807.00	30.25	132.280	4,731.77	380.78	-291.22	-475.52	6.88	6.32	5.55
4,839.00	32.52	135.090	4,759.09	369.27	-279.18	-458.87	8.44	7.09	8.78
4,870.00	35.53	136.590	4,784.78	356.82	-267.11	-441.52	10.08	9.71	4.84
4,902.00	38.59	136.950	4,810.31	342.77	-253.90	-422.25	9.59	9.56	1.13
4,933.00	41.34	135.780	4,834.07	328.36	-240.16	-402.34	9.20	8.87	-3.77
4,965.00	44.26	134.610	4,857.55	312.94	-224.84	-380.60	9.46	9.13	-3.66
4,997.00	47.60	133.200	4,879.80	297.01	-208.27	-357.62	10.91	10.44	-4.41
5,028.00	50.95	132.950	4,900.02	280.97	-191.11	-334.15	10.82	10.81	-0.81
5,060.00	55.64	133.750	4,919.14	263.36	-172.46	-308.52	14.79	14.66	2.50
5,091.00	59.84	134.660	4,935.69	245.08	-153.68	-282.31	13.77	13.55	2.94
5,123.00	64.13	134.880	4,950.71	225.19	-133.63	-254.07	13.42	13.41	0.69
5,154.00	67.70	135.500	4,963.36	205.11	-113.69	-225.77	11.66	11.52	2.00
5,186.00	71.74	136.340	4,974.45	183.55	-92.81	-195.77	12.86	12.63	2.63
5,218.00	74.93	136.540	4,983.63	161.34	-71.69	-165.12	9.99	9.97	0.63
5,219.00	75.06	136.540	4,983.89	160.64	-71.03	-164.16	12.55	12.55	0.00
330 ppd @ 5219.00 MD 4983.89 TVD - FTP @ 5219.00 MD 4983.89 TVD									
5,249.00	78.82	136.540	4,990.67	139.43	-50.93	-134.94	12.55	12.55	0.00
5,297.20	81.48	137.640	4,998.91	104.65	-18.60	-87.48	5.96	5.52	2.28
9 5/8" Shoe @ 5297.20 MD 4998.91 TVD									
5,318.00	82.63	138.110	5,001.79	89.37	-4.78	-66.90	5.96	5.53	2.26
5,349.00	82.95	137.590	5,005.68	66.57	15.86	-36.18	1.96	1.03	-1.68
5,381.00	84.36	137.280	5,009.21	43.15	37.37	-4.40	4.51	4.41	-0.97
5,412.00	86.00	137.180	5,011.82	20.47	58.35	26.48	5.30	5.29	-0.32
5,443.00	88.33	136.930	5,013.35	-2.19	79.44	57.42	7.56	7.52	-0.81
5,474.00	89.12	136.850	5,014.04	-24.82	100.62	88.40	2.56	2.55	-0.26
5,505.00	89.25	136.830	5,014.48	-47.43	121.82	119.39	0.42	0.42	-0.06
5,600.00	92.64	135.760	5,012.91	-116.08	187.44	214.35	3.74	3.57	-1.13
5,694.00	93.13	135.170	5,008.18	-183.00	253.28	308.23	0.82	0.52	-0.63
5,788.00	94.02	135.140	5,002.32	-249.52	319.44	402.04	0.95	0.95	-0.03
5,882.00	92.85	133.560	4,996.69	-315.11	386.54	495.85	2.09	-1.24	-1.68
5,977.00	91.32	134.030	4,993.23	-380.81	455.06	590.75	1.68	-1.61	0.49
6,069.00	90.13	133.720	4,992.07	-444.57	521.37	682.72	1.34	-1.29	-0.34
6,163.00	90.56	133.470	4,991.50	-509.39	589.45	776.67	0.53	0.46	-0.27
6,257.00	90.11	134.720	4,990.95	-574.79	656.96	870.65	1.41	-0.48	1.33
6,351.00	90.14	134.620	4,990.75	-640.88	723.81	964.64	0.11	0.03	-0.11
6,445.00	90.26	134.210	4,990.42	-706.66	790.95	1,058.63	0.45	0.13	-0.44
6,539.00	90.58	133.500	4,989.73	-771.79	858.73	1,152.60	0.83	0.34	-0.76



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Betonnie Tsosie Wash Unit 305H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB=6837+25 @ 6862.00ft (Aztec 1000)
Site:	Betonnie Tsosie Wash Unit (305, 306 & 721)	MD Reference:	RKB=6837+25 @ 6862.00ft (Aztec 1000)
Well:	Betonnie Tsosie Wash Unit 305H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	MWD surveys	Database:	DT_May1924_v17

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
6,633.00	91.02	133.330	4,988.42	-836.38	927.00	1,246.53	0.50	0.47	-0.18
6,727.00	90.12	134.620	4,987.48	-901.65	994.64	1,340.50	1.67	-0.96	1.37
6,821.00	90.56	134.530	4,986.93	-967.62	1,061.60	1,434.49	0.48	0.47	-0.10
6,915.00	90.90	134.660	4,985.73	-1,033.61	1,128.53	1,528.48	0.39	0.36	0.14
7,009.00	90.45	134.010	4,984.62	-1,099.30	1,195.76	1,622.46	0.84	-0.48	-0.69
7,102.00	90.11	133.160	4,984.17	-1,163.41	1,263.13	1,715.41	0.98	-0.37	-0.91
7,196.00	89.86	135.660	4,984.19	-1,229.19	1,330.27	1,809.39	2.67	-0.27	2.66
7,290.00	89.74	135.540	4,984.52	-1,296.35	1,396.04	1,903.39	0.18	-0.13	-0.13
7,383.00	89.93	135.410	4,984.79	-1,362.65	1,461.25	1,996.39	0.25	0.20	-0.14
7,478.00	90.11	136.990	4,984.75	-1,431.22	1,527.00	2,091.37	1.67	0.19	1.66
7,572.00	91.54	136.900	4,983.40	-1,499.89	1,591.17	2,185.32	1.52	1.52	-0.10
7,666.00	91.53	136.730	4,980.88	-1,568.41	1,655.47	2,279.26	0.18	-0.01	-0.18
7,760.00	90.00	134.650	4,979.63	-1,635.66	1,721.13	2,373.24	2.75	-1.63	-2.21
7,854.00	89.60	133.790	4,979.96	-1,701.22	1,788.49	2,467.22	1.01	-0.43	-0.91
7,948.00	89.99	136.400	4,980.29	-1,767.79	1,854.84	2,561.21	2.81	0.41	2.78
8,042.00	90.27	136.050	4,980.08	-1,835.66	1,919.87	2,655.20	0.48	0.30	-0.37
8,137.00	90.47	135.860	4,979.47	-1,903.95	1,985.92	2,750.19	0.29	0.21	-0.20
8,231.00	90.84	135.510	4,978.39	-1,971.20	2,051.58	2,844.18	0.54	0.39	-0.37
8,325.00	91.34	135.400	4,976.60	-2,038.18	2,117.51	2,938.16	0.54	0.53	-0.12
8,418.00	89.35	135.420	4,976.04	-2,104.41	2,182.79	3,031.16	2.14	-2.14	0.02
8,513.00	89.87	135.290	4,976.69	-2,171.99	2,249.55	3,126.16	0.56	0.55	-0.14
8,607.00	90.06	134.980	4,976.75	-2,238.62	2,315.86	3,220.16	0.39	0.20	-0.33
8,701.00	89.90	134.210	4,976.78	-2,304.61	2,382.80	3,314.15	0.84	-0.17	-0.82
8,795.00	90.13	133.470	4,976.75	-2,369.72	2,450.60	3,408.12	0.82	0.24	-0.79
8,889.00	90.56	135.600	4,976.19	-2,435.64	2,517.60	3,502.10	2.31	0.46	2.27
8,983.00	90.75	135.110	4,975.11	-2,502.52	2,583.65	3,596.09	0.56	0.20	-0.52
9,078.00	90.63	137.170	4,973.97	-2,571.01	2,649.46	3,691.07	2.17	-0.13	2.17
9,171.00	89.69	135.990	4,973.71	-2,638.55	2,713.38	3,784.05	1.62	-1.01	-1.27
9,265.00	89.80	135.170	4,974.13	-2,705.69	2,779.17	3,878.04	0.88	0.12	-0.87
9,360.00	90.25	134.980	4,974.09	-2,772.95	2,846.26	3,973.04	0.51	0.47	-0.20
9,455.00	90.38	136.730	4,973.56	-2,841.12	2,912.42	4,068.03	1.85	0.14	1.84
9,549.00	90.27	136.110	4,973.03	-2,909.21	2,977.22	4,162.01	0.67	-0.12	-0.66
9,643.00	89.82	134.790	4,972.96	-2,976.20	3,043.16	4,256.01	1.48	-0.48	-1.40
9,737.00	90.31	134.480	4,972.85	-3,042.24	3,110.05	4,350.00	0.62	0.52	-0.33
9,831.00	88.49	135.070	4,973.84	-3,108.44	3,176.78	4,443.99	2.04	-1.94	0.63
9,925.00	88.71	134.570	4,976.13	-3,174.68	3,243.43	4,537.96	0.58	0.23	-0.53
10,019.00	89.47	134.190	4,977.62	-3,240.42	3,310.61	4,631.93	0.90	0.81	-0.40
10,113.00	89.33	133.100	4,978.61	-3,305.29	3,378.62	4,725.89	1.17	-0.15	-1.16
10,208.00	90.41	133.300	4,978.82	-3,370.32	3,447.87	4,820.82	1.16	1.14	0.21
10,302.00	90.05	134.310	4,978.45	-3,435.39	3,515.71	4,914.78	1.14	-0.38	1.07
10,397.00	89.65	134.770	4,978.70	-3,502.02	3,583.42	5,009.77	0.64	-0.42	0.48
10,491.00	90.04	136.990	4,978.95	-3,569.50	3,648.86	5,103.76	2.40	0.41	2.36
10,584.00	90.35	136.160	4,978.63	-3,637.04	3,712.79	5,196.74	0.95	0.33	-0.89



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Betonnie Tsosie Wash Unit 305H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB=6837+25 @ 6862.00ft (Aztec 1000)
Site:	Betonnie Tsosie Wash Unit (305, 306 & 721)	MD Reference:	RKB=6837+25 @ 6862.00ft (Aztec 1000)
Well:	Betonnie Tsosie Wash Unit 305H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	MWD surveys	Database:	DT_May1924_v17

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
10,679.00	89.32	134.070	4,978.91	-3,704.34	3,779.82	5,291.73	2.45	-1.08	-2.20
10,772.00	90.01	135.440	4,979.45	-3,769.82	3,845.86	5,384.72	1.65	0.74	1.47
10,865.00	90.35	136.310	4,979.16	-3,836.58	3,910.61	5,477.72	1.00	0.37	0.94
10,959.00	89.75	134.680	4,979.08	-3,903.61	3,976.50	5,571.71	1.85	-0.64	-1.73
11,053.00	90.21	136.220	4,979.11	-3,970.60	4,042.44	5,665.71	1.71	0.49	1.64
11,147.00	91.10	134.780	4,978.04	-4,037.64	4,108.32	5,759.70	1.80	0.95	-1.53
11,241.00	91.48	134.190	4,975.92	-4,103.49	4,175.36	5,853.67	0.75	0.40	-0.63
11,336.00	91.58	133.260	4,973.38	-4,169.13	4,243.99	5,948.59	0.98	0.11	-0.98
11,430.00	91.03	135.390	4,971.24	-4,234.79	4,311.22	6,042.55	2.34	-0.59	2.27
11,523.00	91.15	136.810	4,969.47	-4,301.79	4,375.69	6,135.52	1.53	0.13	1.53
11,617.00	89.93	136.720	4,968.59	-4,370.27	4,440.07	6,229.49	1.30	-1.30	-0.10
11,711.00	90.25	136.460	4,968.44	-4,438.55	4,504.67	6,323.46	0.44	0.34	-0.28
11,805.00	89.32	136.090	4,968.79	-4,506.48	4,569.64	6,417.45	1.06	-0.99	-0.39
11,899.00	89.73	135.680	4,969.57	-4,573.96	4,635.07	6,511.44	0.62	0.44	-0.44
11,993.00	87.45	135.780	4,971.88	-4,641.25	4,700.67	6,605.40	2.43	-2.43	0.11
12,087.00	87.59	135.400	4,975.95	-4,708.34	4,766.38	6,699.31	0.43	0.15	-0.40
12,182.00	87.98	134.880	4,979.62	-4,775.62	4,833.34	6,794.24	0.68	0.41	-0.55
12,275.00	87.80	135.410	4,983.05	-4,841.51	4,898.89	6,887.18	0.60	-0.19	0.57
12,370.00	87.03	137.130	4,987.33	-4,910.08	4,964.49	6,982.06	1.98	-0.81	1.81
12,464.00	87.42	135.880	4,991.88	-4,978.19	5,029.12	7,075.93	1.39	0.41	-1.33
12,559.00	88.35	135.310	4,995.39	-5,046.01	5,095.54	7,170.86	1.15	0.98	-0.60
12,652.00	88.63	134.980	4,997.84	-5,111.92	5,161.12	7,263.83	0.47	0.30	-0.35
12,746.00	89.46	134.310	4,999.41	-5,177.96	5,227.98	7,357.81	1.13	0.88	-0.71
12,798.00	89.45	134.400	4,999.90	-5,214.31	5,265.16	7,409.80	0.17	-0.02	0.17
Survey @ 12798.00 MD 4999.90 TVD									
12,813.30	89.45	134.400	5,000.05	-5,225.02	5,276.09	7,425.10	0.00	0.00	0.00
LTP @ 12813.30 MD 5000.05 TVD									
12,857.00	89.45	134.400	5,000.47	-5,255.59	5,307.32	7,468.79	0.00	0.00	0.00
Survey proj. to 12857.00 MD 5000.47 TVD									

Design Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
419.00	418.95	-1.40	5.23	MWD surveys
5,219.00	4,983.89	160.64	-71.03	330 ppd @ 5219.00 MD 4983.89 TVD
5,219.00	4,983.89	160.64	-71.03	FTP @ 5219.00 MD 4983.89 TVD
5,297.20	4,998.91	104.65	-18.60	9 5/8" Shoe @ 5297.20 MD 4998.91 TVD
12,798.00	4,999.90	-5,214.31	5,265.16	Survey @ 12798.00 MD 4999.90 TVD
12,813.30	5,000.05	-5,225.02	5,276.09	LTP @ 12813.30 MD 5000.05 TVD
12,857.00	5,000.47	-5,255.59	5,307.32	Survey proj. to 12857.00 MD 5000.47 TVD



Survey Report - Geographic



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Betonnie Tsosie Wash Unit 305H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB=6837+25 @ 6862.00ft (Aztec 1000)
Site:	Betonnie Tsosie Wash Unit (305, 306 & 721)	MD Reference:	RKB=6837+25 @ 6862.00ft (Aztec 1000)
Well:	Betonnie Tsosie Wash Unit 305H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	MWD surveys	Database:	DT_May1924_v17

Project	San Juan County, New Mexico NAD83 NM W		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Western Zone		

Site	Betonnie Tsosie Wash Unit (305, 306 & 721)				
Site Position:		Northing:	1,898,955.07 usft	Latitude:	36.21874700
From:	Lat/Long	Easting:	2,766,760.37 usft	Longitude:	-107.68528800
Position Uncertainty:	0.00 ft	Slot Radius:	13-3/16 "	Grid Convergence:	0.09 °

Well	Betonnie Tsosie Wash Unit 305H, Surf loc: 406 FNL 2059 FEL Section 21-T23N-R08W					
Well Position	+N/-S	0.00 ft	Northing:	1,898,955.07 usft	Latitude:	36.21874700
	+E/-W	0.00 ft	Easting:	2,766,760.37 usft	Longitude:	-107.68528800
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	6,837.00 ft

Wellbore	Original Hole				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	4/23/2024	8.47	62.68	49,018.84097179

Design	MWD surveys				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	0.00	0.00	0.00	135.314	

Survey Program	Date	6/19/2024			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
419.00	5,249.00	MWD int (Original Hole)	MWD	OWSG MWD - Standard	
5,318.00	12,798.00	MWD (Original Hole)	MWD	OWSG MWD - Standard	
12,857.00	12,857.00	Projection (Original Hole)	MWD	OWSG MWD - Standard	

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
0.00	0.00	0.000	0.00	0.00	0.00	1,898,955.07	2,766,760.37	36.21874700	-107.68528800
419.00	1.48	104.940	418.95	-1.40	5.23	1,898,953.68	2,766,765.60	36.21874315	-107.68527029
MWD surveys									
513.00	1.64	112.620	512.92	-2.23	7.64	1,898,952.85	2,766,768.02	36.21874085	-107.68526211
608.00	0.31	154.440	607.90	-2.98	9.01	1,898,952.09	2,766,769.38	36.21873878	-107.68525748
703.00	0.39	187.100	702.90	-3.53	9.08	1,898,951.54	2,766,769.45	36.21873726	-107.68525724
798.00	0.25	182.370	797.90	-4.06	9.03	1,898,951.01	2,766,769.40	36.21873581	-107.68525741
892.00	0.38	159.750	891.90	-4.56	9.13	1,898,950.52	2,766,769.50	36.21873444	-107.68525707
987.00	2.39	305.840	986.87	-3.69	7.63	1,898,951.38	2,766,768.01	36.21873682	-107.68526214
1,082.00	5.83	316.450	1,081.62	0.96	2.70	1,898,956.04	2,766,763.07	36.21874964	-107.68527884



Survey Report - Geographic



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Bettonnie Tsosie Wash Unit 305H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB=6837+25 @ 6862.00ft (Aztec 1000)
Site:	Bettonnie Tsosie Wash Unit (305, 306 & 721)	MD Reference:	RKB=6837+25 @ 6862.00ft (Aztec 1000)
Well:	Bettonnie Tsosie Wash Unit 305H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	MWD surveys	Database:	DT_May1924_v17

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
1,174.00	9.04	316.710	1,172.83	9.61	-5.48	1,898,964.69	2,766,754.90	36.21877343	-107.68530652
1,265.00	12.12	319.170	1,262.27	22.05	-16.63	1,898,977.12	2,766,743.75	36.21880764	-107.68534426
1,357.00	12.54	315.980	1,352.15	36.54	-29.88	1,898,991.61	2,766,730.49	36.21884750	-107.68538912
1,447.00	12.39	318.320	1,440.03	50.78	-43.09	1,899,005.85	2,766,717.28	36.21888667	-107.68543383
1,538.00	11.89	317.560	1,529.00	64.99	-55.91	1,899,020.06	2,766,704.46	36.21892576	-107.68547721
1,629.00	11.98	322.770	1,618.03	79.43	-67.95	1,899,034.50	2,766,692.42	36.21896547	-107.68551796
1,720.00	10.82	314.430	1,707.24	92.93	-79.77	1,899,048.00	2,766,680.61	36.21900261	-107.68555794
1,810.00	11.83	324.420	1,795.50	106.34	-91.17	1,899,061.42	2,766,669.21	36.21903952	-107.68559653
1,900.00	11.92	326.890	1,883.57	121.63	-101.61	1,899,076.71	2,766,658.76	36.21908156	-107.68563186
1,994.00	11.02	322.990	1,975.69	136.94	-112.32	1,899,092.01	2,766,648.05	36.21912365	-107.68566809
2,089.00	10.60	320.650	2,069.01	150.95	-123.33	1,899,106.02	2,766,637.04	36.21916218	-107.68570533
2,184.00	10.23	318.940	2,162.44	164.06	-134.41	1,899,119.14	2,766,625.96	36.21919826	-107.68574283
2,279.00	10.42	319.280	2,255.90	176.94	-145.56	1,899,132.01	2,766,614.82	36.21923367	-107.68578055
2,374.00	10.70	318.290	2,349.30	190.03	-157.03	1,899,145.10	2,766,603.34	36.21926969	-107.68581938
2,468.00	10.96	318.680	2,441.62	203.26	-168.73	1,899,158.33	2,766,591.64	36.21930607	-107.68585900
2,563.00	11.22	319.540	2,534.85	217.07	-180.69	1,899,172.14	2,766,579.68	36.21934407	-107.68589947
2,658.00	11.21	320.010	2,628.03	231.18	-192.63	1,899,186.25	2,766,567.75	36.21938287	-107.68593985
2,753.00	10.53	318.900	2,721.33	244.79	-204.27	1,899,199.87	2,766,556.11	36.21942032	-107.68597925
2,848.00	11.38	322.720	2,814.60	258.79	-215.65	1,899,213.87	2,766,544.72	36.21945883	-107.68601777
2,943.00	12.39	329.340	2,907.56	275.02	-226.53	1,899,230.09	2,766,533.85	36.21950345	-107.68605455
3,037.00	12.05	329.260	2,999.43	292.13	-236.68	1,899,247.20	2,766,523.69	36.21955049	-107.68608890
3,132.00	11.48	327.070	3,092.44	308.59	-246.89	1,899,263.66	2,766,513.48	36.21959574	-107.68612343
3,227.00	10.88	324.680	3,185.64	323.84	-257.22	1,899,278.91	2,766,503.16	36.21963768	-107.68615834
3,322.00	9.61	320.720	3,279.12	337.29	-267.42	1,899,292.36	2,766,492.95	36.21967468	-107.68619287
3,417.00	10.68	320.330	3,372.63	350.21	-278.06	1,899,305.28	2,766,482.31	36.21971020	-107.68622888
3,512.00	12.45	322.000	3,465.70	365.05	-289.98	1,899,320.12	2,766,470.39	36.21975104	-107.68626923
3,607.00	12.03	318.570	3,558.54	380.54	-302.84	1,899,335.62	2,766,457.53	36.21979365	-107.68631273
3,702.00	11.58	315.930	3,651.53	394.82	-316.02	1,899,349.89	2,766,444.35	36.21983292	-107.68635735
3,796.00	10.92	312.920	3,743.73	407.66	-329.11	1,899,362.73	2,766,431.27	36.21986825	-107.68640164
3,891.00	10.68	311.240	3,837.05	419.59	-342.32	1,899,374.66	2,766,418.06	36.21990108	-107.68644636
3,985.00	8.55	313.580	3,929.72	430.15	-353.93	1,899,385.22	2,766,406.45	36.21993014	-107.68648567
4,080.00	5.34	322.550	4,024.01	438.53	-361.73	1,899,393.60	2,766,398.64	36.21995319	-107.68651210
4,175.00	2.83	334.680	4,118.77	444.16	-365.43	1,899,399.23	2,766,394.95	36.21996867	-107.68652458
4,270.00	0.38	310.200	4,213.72	446.49	-366.67	1,899,401.56	2,766,393.70	36.21997506	-107.68652879
4,365.00	0.49	221.490	4,308.72	446.38	-367.18	1,899,401.46	2,766,393.19	36.21997479	-107.68653052
4,396.00	0.42	204.600	4,339.72	446.18	-367.31	1,899,401.25	2,766,393.06	36.21997423	-107.68653098
4,428.00	0.65	202.210	4,371.72	445.91	-367.43	1,899,400.98	2,766,392.94	36.21997348	-107.68653138
4,460.00	1.65	158.150	4,403.71	445.31	-367.33	1,899,400.38	2,766,393.04	36.21997184	-107.68653103
4,491.00	4.14	145.290	4,434.67	443.98	-366.53	1,899,399.05	2,766,393.85	36.21996817	-107.68652831
4,523.00	6.74	135.770	4,466.52	441.68	-364.56	1,899,396.75	2,766,395.82	36.21996186	-107.68652165
4,555.00	9.35	130.500	4,498.21	438.65	-361.27	1,899,393.72	2,766,399.10	36.21995351	-107.68651052
4,586.00	12.86	129.550	4,528.62	434.81	-356.69	1,899,389.89	2,766,403.68	36.21994296	-107.68649503
4,618.00	16.40	127.410	4,559.58	429.80	-350.36	1,899,384.87	2,766,410.02	36.21992916	-107.68647357
4,649.00	19.14	127.820	4,589.10	424.02	-342.87	1,899,379.10	2,766,417.51	36.21991326	-107.68644820
4,681.00	22.33	129.330	4,619.02	416.95	-334.02	1,899,372.03	2,766,426.36	36.21989380	-107.68641824
4,713.00	24.75	129.860	4,648.36	408.81	-324.17	1,899,363.88	2,766,436.20	36.21987138	-107.68638490
4,744.00	26.45	129.370	4,676.31	400.27	-313.85	1,899,355.34	2,766,446.52	36.21984788	-107.68634996
4,776.00	28.29	130.560	4,704.73	390.81	-302.58	1,899,345.89	2,766,457.79	36.21982186	-107.68631180
4,807.00	30.25	132.280	4,731.77	380.78	-291.22	1,899,335.86	2,766,469.15	36.21979426	-107.68627334
4,839.00	32.52	135.090	4,759.09	369.27	-279.18	1,899,324.34	2,766,481.19	36.21976257	-107.68623259
4,870.00	35.53	136.590	4,784.78	356.82	-267.11	1,899,311.89	2,766,493.27	36.21972833	-107.68619171
4,902.00	38.59	136.950	4,810.31	342.77	-253.90	1,899,297.84	2,766,506.47	36.21968967	-107.68614701
4,933.00	41.34	135.780	4,834.07	328.36	-240.16	1,899,283.44	2,766,520.21	36.21965004	-107.68610050
4,965.00	44.26	134.610	4,857.55	312.94	-224.84	1,899,268.02	2,766,535.54	36.21960762	-107.68604862
4,997.00	47.60	133.200	4,879.80	297.01	-208.27	1,899,252.08	2,766,552.11	36.21956378	-107.68599254



Survey Report - Geographic



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Bettonnie Tsosie Wash Unit 305H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB=6837+25 @ 6862.00ft (Aztec 1000)
Site:	Bettonnie Tsosie Wash Unit (305, 306 & 721)	MD Reference:	RKB=6837+25 @ 6862.00ft (Aztec 1000)
Well:	Bettonnie Tsosie Wash Unit 305H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	MWD surveys	Database:	DT_May1924_v17

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
5,028.00	50.95	132.950	4,900.02	280.97	-191.11	1,899,236.04	2,766,569.26	36.21951964	-107.68593445
5,060.00	55.64	133.750	4,919.14	263.36	-172.46	1,899,218.43	2,766,587.91	36.21947118	-107.68587132
5,091.00	59.84	134.660	4,935.69	245.08	-153.68	1,899,200.15	2,766,606.70	36.21942090	-107.68580773
5,123.00	64.13	134.880	4,950.71	225.19	-133.63	1,899,180.26	2,766,626.75	36.21936617	-107.68573986
5,154.00	67.70	135.500	4,963.36	205.11	-113.69	1,899,160.18	2,766,646.69	36.21931093	-107.68567236
5,186.00	71.74	136.340	4,974.45	183.55	-92.81	1,899,138.62	2,766,667.56	36.21925162	-107.68560170
5,218.00	74.93	136.540	4,983.63	161.34	-71.69	1,899,116.41	2,766,688.68	36.21919051	-107.68553021
5,219.00	75.06	136.540	4,983.89	160.64	-71.03	1,899,115.71	2,766,689.35	36.21918858	-107.68552796
330 ppd @ 5219.00 MD 4983.89 TVD - FTP @ 5219.00 MD 4983.89 TVD									
5,249.00	78.82	136.540	4,990.67	139.43	-50.93	1,899,094.50	2,766,709.45	36.21913024	-107.68545994
5,297.20	81.48	137.640	4,998.91	104.65	-18.60	1,899,059.72	2,766,741.77	36.21903456	-107.68535052
9 5/8" Shoe @ 5297.20 MD 4998.91 TVD									
5,318.00	82.63	138.110	5,001.79	89.37	-4.78	1,899,044.44	2,766,755.59	36.21899253	-107.68530375
5,349.00	82.95	137.590	5,005.68	66.57	15.86	1,899,021.64	2,766,776.23	36.21892980	-107.68523390
5,381.00	84.36	137.280	5,009.21	43.15	37.37	1,898,998.22	2,766,797.74	36.21886537	-107.68516109
5,412.00	86.00	137.180	5,011.82	20.47	58.35	1,898,975.54	2,766,818.72	36.21880299	-107.68509010
5,443.00	88.33	136.930	5,013.35	-2.19	79.44	1,898,952.88	2,766,839.81	36.21874064	-107.68501871
5,474.00	89.12	136.850	5,014.04	-24.82	100.62	1,898,930.26	2,766,860.99	36.21867840	-107.68494702
5,505.00	89.25	136.830	5,014.48	-47.43	121.82	1,898,907.65	2,766,882.19	36.21861620	-107.68487525
5,600.00	92.64	135.760	5,012.91	-116.08	187.44	1,898,838.99	2,766,947.81	36.21842732	-107.68465315
5,694.00	93.13	135.170	5,008.18	-183.00	253.28	1,898,772.07	2,767,013.66	36.21824321	-107.68443028
5,788.00	94.02	135.140	5,002.32	-249.52	319.44	1,898,705.55	2,767,079.81	36.21806020	-107.68420634
5,882.00	92.85	133.560	4,996.69	-315.11	386.54	1,898,639.96	2,767,146.91	36.21787974	-107.68397922
5,977.00	91.32	134.030	4,993.23	-380.81	455.06	1,898,574.26	2,767,215.43	36.21769896	-107.68374726
6,069.00	90.13	133.720	4,992.07	-444.57	521.37	1,898,510.51	2,767,281.74	36.21752353	-107.68352279
6,163.00	90.56	133.470	4,991.50	-509.39	589.45	1,898,445.69	2,767,349.82	36.21734519	-107.68329234
6,257.00	90.11	134.720	4,990.95	-574.79	656.96	1,898,380.28	2,767,417.33	36.21716522	-107.68306383
6,351.00	90.14	134.620	4,990.75	-640.88	723.81	1,898,314.20	2,767,484.18	36.21698340	-107.68283755
6,445.00	90.26	134.210	4,990.42	-706.66	790.95	1,898,248.41	2,767,551.32	36.21680239	-107.68261027
6,539.00	90.58	133.500	4,989.73	-771.79	858.73	1,898,183.29	2,767,619.10	36.21662320	-107.68238083
6,633.00	91.02	133.330	4,988.42	-836.38	927.00	1,898,118.69	2,767,687.37	36.21644546	-107.68214972
6,727.00	90.12	134.620	4,987.48	-901.65	994.64	1,898,053.43	2,767,755.02	36.21626588	-107.68192076
6,821.00	90.56	134.530	4,986.93	-967.62	1,061.60	1,897,987.46	2,767,821.97	36.21608436	-107.68169411
6,915.00	90.90	134.660	4,985.73	-1,033.61	1,128.53	1,897,921.46	2,767,888.90	36.21590279	-107.68146757
7,009.00	90.45	134.010	4,984.62	-1,099.30	1,195.76	1,897,855.78	2,767,956.13	36.21572206	-107.68124000
7,102.00	90.11	133.160	4,984.17	-1,163.41	1,263.13	1,897,791.66	2,768,023.50	36.21554564	-107.68101198
7,196.00	89.86	135.660	4,984.19	-1,229.19	1,330.27	1,897,725.89	2,768,090.64	36.21536466	-107.68078471
7,290.00	89.74	135.540	4,984.52	-1,296.35	1,396.04	1,897,658.73	2,768,156.41	36.21517988	-107.68056211
7,383.00	89.93	135.410	4,984.79	-1,362.65	1,461.25	1,897,592.42	2,768,221.62	36.21499746	-107.68034140
7,478.00	90.11	136.990	4,984.75	-1,431.22	1,527.00	1,897,523.86	2,768,287.37	36.21480882	-107.68011886
7,572.00	91.54	136.900	4,983.40	-1,499.89	1,591.17	1,897,455.18	2,768,351.54	36.21461988	-107.67990171
7,666.00	91.53	136.730	4,980.88	-1,568.41	1,655.47	1,897,386.67	2,768,415.84	36.21443138	-107.67968408
7,760.00	90.00	134.650	4,979.63	-1,635.66	1,721.13	1,897,319.42	2,768,481.50	36.21424635	-107.67946188
7,854.00	89.60	133.790	4,979.96	-1,701.22	1,788.49	1,897,253.86	2,768,548.86	36.21406597	-107.67923387
7,948.00	89.99	136.400	4,980.29	-1,767.79	1,854.84	1,897,187.29	2,768,615.21	36.21388280	-107.67900930
8,042.00	90.27	136.050	4,980.08	-1,835.66	1,919.87	1,897,119.42	2,768,680.24	36.21369606	-107.67878921
8,137.00	90.47	135.860	4,979.47	-1,903.95	1,985.92	1,897,051.13	2,768,746.29	36.21350819	-107.67856569
8,231.00	90.84	135.510	4,978.39	-1,971.20	2,051.58	1,896,983.88	2,768,811.95	36.21332315	-107.67834346
8,325.00	91.34	135.400	4,976.60	-2,038.18	2,117.51	1,896,916.90	2,768,877.88	36.21313886	-107.67812034
8,418.00	89.35	135.420	4,976.04	-2,104.41	2,182.79	1,896,850.67	2,768,943.16	36.21295665	-107.67789939
8,513.00	89.87	135.290	4,976.69	-2,171.99	2,249.55	1,896,783.08	2,769,009.92	36.21277068	-107.67767346
8,607.00	90.06	134.980	4,976.75	-2,238.62	2,315.86	1,896,716.46	2,769,076.23	36.21258737	-107.67744903
8,701.00	89.90	134.210	4,976.78	-2,304.61	2,382.80	1,896,650.46	2,769,143.16	36.21240577	-107.67722249
8,795.00	90.13	133.470	4,976.75	-2,369.72	2,450.60	1,896,585.36	2,769,210.96	36.21222662	-107.67699301
8,889.00	90.56	135.600	4,976.19	-2,435.64	2,517.60	1,896,519.43	2,769,277.96	36.21204523	-107.67676625



Survey Report - Geographic



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Bettonnie Tsosie Wash Unit 305H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB=6837+25 @ 6862.00ft (Aztec 1000)
Site:	Bettonnie Tsosie Wash Unit (305, 306 & 721)	MD Reference:	RKB=6837+25 @ 6862.00ft (Aztec 1000)
Well:	Bettonnie Tsosie Wash Unit 305H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	MWD surveys	Database:	DT_May1924_v17

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
8,983.00	90.75	135.110	4,975.11	-2,502.52	2,583.65	1,896,452.56	2,769,344.01	36.21186123	-107.67654271
9,078.00	90.63	137.170	4,973.97	-2,571.01	2,649.46	1,896,384.07	2,769,409.83	36.21167279	-107.67631997
9,171.00	89.69	135.990	4,973.71	-2,638.55	2,713.38	1,896,316.52	2,769,473.75	36.21148695	-107.67610366
9,265.00	89.80	135.170	4,974.13	-2,705.69	2,779.17	1,896,249.39	2,769,539.54	36.21130222	-107.67588101
9,360.00	90.25	134.980	4,974.09	-2,772.95	2,846.26	1,896,182.13	2,769,606.63	36.21111715	-107.67565397
9,455.00	90.38	136.730	4,973.56	-2,841.12	2,912.42	1,896,113.96	2,769,672.79	36.21092959	-107.67543006
9,549.00	90.27	136.110	4,973.03	-2,909.21	2,977.22	1,896,045.87	2,769,737.59	36.21074225	-107.67521078
9,643.00	89.82	134.790	4,972.96	-2,976.20	3,043.16	1,895,978.88	2,769,803.53	36.21055793	-107.67498762
9,737.00	90.31	134.480	4,972.85	-3,042.24	3,110.05	1,895,912.84	2,769,870.42	36.21037621	-107.67476124
9,831.00	88.49	135.070	4,973.84	-3,108.44	3,176.78	1,895,846.64	2,769,937.14	36.21019405	-107.67453543
9,925.00	88.71	134.570	4,976.13	-3,174.68	3,243.43	1,895,780.40	2,770,003.80	36.21001179	-107.67430985
10,019.00	89.47	134.190	4,977.62	-3,240.42	3,310.61	1,895,714.66	2,770,070.97	36.20983090	-107.67408251
10,113.00	89.33	133.100	4,978.61	-3,305.29	3,378.62	1,895,649.79	2,770,138.99	36.20965238	-107.67385231
10,208.00	90.41	133.300	4,978.82	-3,370.32	3,447.87	1,895,584.76	2,770,208.24	36.20947343	-107.67361793
10,302.00	90.05	134.310	4,978.45	-3,435.39	3,515.71	1,895,519.69	2,770,276.08	36.20929438	-107.67338833
10,397.00	89.65	134.770	4,978.70	-3,502.02	3,583.42	1,895,453.06	2,770,343.79	36.20911102	-107.67315918
10,491.00	90.04	136.990	4,978.95	-3,569.50	3,648.86	1,895,385.58	2,770,409.22	36.20892536	-107.67293775
10,584.00	90.35	136.160	4,978.63	-3,637.04	3,712.79	1,895,318.04	2,770,473.15	36.20873953	-107.67272143
10,679.00	89.32	134.070	4,978.91	-3,704.34	3,779.82	1,895,250.74	2,770,540.19	36.20855433	-107.67249458
10,772.00	90.01	135.440	4,979.45	-3,769.82	3,845.86	1,895,185.26	2,770,606.23	36.20837416	-107.67227109
10,865.00	90.35	136.310	4,979.16	-3,836.58	3,910.61	1,895,118.50	2,770,670.97	36.20819048	-107.67205199
10,959.00	89.75	134.680	4,979.08	-3,903.61	3,976.50	1,895,051.47	2,770,736.86	36.20800602	-107.67182902
11,053.00	90.21	136.220	4,979.11	-3,970.60	4,042.44	1,894,984.48	2,770,802.80	36.20782170	-107.67160588
11,147.00	91.10	134.780	4,978.04	-4,037.64	4,108.32	1,894,917.44	2,770,868.68	36.20763724	-107.67138295
11,241.00	91.48	134.190	4,975.92	-4,103.49	4,175.36	1,894,851.59	2,770,935.73	36.20745604	-107.67115606
11,336.00	91.58	133.260	4,973.38	-4,169.13	4,243.99	1,894,785.95	2,771,004.35	36.20727540	-107.67092381
11,430.00	91.03	135.390	4,971.24	-4,234.79	4,311.22	1,894,720.29	2,771,071.58	36.20709472	-107.67069631
11,523.00	91.15	136.810	4,969.47	-4,301.79	4,375.69	1,894,653.30	2,771,136.05	36.20691038	-107.67047815
11,617.00	89.93	136.720	4,968.59	-4,370.27	4,440.07	1,894,584.82	2,771,200.44	36.20672196	-107.67026029
11,711.00	90.25	136.460	4,968.44	-4,438.55	4,504.67	1,894,516.53	2,771,265.04	36.20653407	-107.67004172
11,805.00	89.32	136.090	4,968.79	-4,506.48	4,569.64	1,894,448.60	2,771,330.01	36.20634717	-107.66982188
11,899.00	89.73	135.680	4,969.57	-4,573.96	4,635.07	1,894,381.12	2,771,395.44	36.20616148	-107.66960048
11,993.00	87.45	135.780	4,971.88	-4,641.25	4,700.67	1,894,313.83	2,771,461.03	36.20597634	-107.66937853
12,087.00	87.59	135.400	4,975.95	-4,708.34	4,766.38	1,894,246.75	2,771,526.75	36.20579174	-107.66915615
12,182.00	87.98	134.880	4,979.62	-4,775.62	4,833.34	1,894,179.46	2,771,593.71	36.20560658	-107.66892957
12,275.00	87.80	135.410	4,983.05	-4,841.51	4,898.89	1,894,113.58	2,771,659.26	36.20542529	-107.66870776
12,370.00	87.03	137.130	4,987.33	-4,910.08	4,964.49	1,894,045.00	2,771,724.86	36.20523661	-107.66848580
12,464.00	87.42	135.880	4,991.88	-4,978.19	5,029.12	1,893,976.89	2,771,789.48	36.20504920	-107.66826715
12,559.00	88.35	135.310	4,995.39	-5,046.01	5,095.54	1,893,909.07	2,771,855.91	36.20486258	-107.66804238
12,652.00	88.63	134.980	4,997.84	-5,111.92	5,161.12	1,893,843.17	2,771,921.48	36.20468123	-107.66782050
12,746.00	89.46	134.310	4,999.41	-5,177.96	5,227.98	1,893,777.12	2,771,988.35	36.20449949	-107.66759423
12,798.00	89.45	134.400	4,999.90	-5,214.31	5,265.16	1,893,740.77	2,772,025.53	36.20439945	-107.66746842
Survey @ 12798.00 MD 4999.90 TVD									
12,813.30	89.45	134.400	5,000.05	-5,225.02	5,276.09	1,893,730.07	2,772,036.46	36.20436999	-107.66743143
LTP @ 12813.30 MD 5000.05 TVD									
12,857.00	89.45	134.400	5,000.47	-5,255.59	5,307.32	1,893,699.49	2,772,067.68	36.20428586	-107.66732578
Survey proj. to 12857.00 MD 5000.47 TVD									



Survey Report - Geographic



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Betonnie Tsosie Wash Unit 305H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB=6837+25 @ 6862.00ft (Aztec 1000)
Site:	Betonnie Tsosie Wash Unit (305, 306 & 721)	MD Reference:	RKB=6837+25 @ 6862.00ft (Aztec 1000)
Well:	Betonnie Tsosie Wash Unit 305H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	MWD surveys	Database:	DT_May1924_v17

Design Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
419.00	418.95	-1.40	5.23	MWD surveys
5,219.00	4,983.89	160.64	-71.03	330 ppd @ 5219.00 MD 4983.89 TVD
5,219.00	4,983.89	160.64	-71.03	FTP @ 5219.00 MD 4983.89 TVD
5,297.20	4,998.91	104.65	-18.60	9 5/8" Shoe @ 5297.20 MD 4998.91 TVD
12,798.00	4,999.90	-5,214.31	5,265.16	Survey @ 12798.00 MD 4999.90 TVD
12,813.30	5,000.05	-5,225.02	5,276.09	LTP @ 12813.30 MD 5000.05 TVD
12,857.00	5,000.47	-5,255.59	5,307.32	Survey proj. to 12857.00 MD 5000.47 TVD

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Section 1 - Operator and Well Information

Submittal Type: ☒ New Well ☐ Workover ☐ Deepening ☐ Plugback ☐ Different Reservoir ☐ C-144 Closure Attachment ☐ Other	
Operator Name: DJR OPERATING LLC	OGRID: 371838
Property Name and Well Number: BETONNIE TSOSIE WASH UNIT 305H	Property Code: 325179
Mineral Owner: ☐ State ☐ Fee ☒ Tribal ☒ Federal	API Number: 30-045-38327
Pool Name: BETONNIE TSOSIE WASH UNIT MANCOS OIL	Pool Code: 98175

Section 2 – Well Location										
	Ul or lot no.	Section	Township	Range	Lot Id	Feet from	N/S Line	Feet from	E/W Line	County
SHL:	B	21	23N	8W		406	NORTH	2059	EAST	SAN JUAN
BHL	B	27	23N	8W		323	NORTH	2200	EAST	SAN JUAN

Section 3 – Completion Information

Date T.D. Reached 05-18-2024	Total Measured Depth of Well 12,857	Acid Volume (bbls) N/A	☒ Directional Survey Submitted ☐ Deviation Survey Submitted
Date Rig Released 05-20-2024	Plug-Back Measured Depth 12,834	Completion Fluid Used (bbls) 55,807	Were Logs Ran (Y/N) N
Completion Date 06-26-2024	Perforations (MD and TVD) 5230’ – 12788’ MD 4968’ – 5014’ TVD	Completion Proppant Used (lbs) 7,614,945	List Type of Logs Ran if applicable: N/A

Section 4 – Action IDs for Submissions and Order Numbers

Surface Casing Action ID: 355134	UIC Permit/Order (UIC wells only) ☐ Yes ☐ No, Order No. N/A
Intermediate 1 Casing Action ID: 343409	NOI Recomplete Action ID (if applicable): N/A
Intermediate 2 Casing Action ID:	NOI Plugback Action ID (if applicable): N/A
Production Casing Action ID: 345987	Cement Squeeze Action ID (if applicable): N/A
Tubing Action ID: 386112	All casing was pressure tested in accordance with NMAC ☒ Yes ☐ No
Liner 1 Action ID: 345987	Casing was installed prior to Action ID system (Y/N): N

Section 5 – Test Data

Date First Production 07-04-2024	Production Method FLOWING GAS LIFT	Well Status ACTIVE PRODUCING	Gas – Oil Ratio 32204
Date of Test 07-06-2024	Choke Size 50/64	Flowing Tubing Pressure 169	Casing Pressure 780
24 hr Oil (bbls) 430	24 hr Gas (MCF) 13848	24 hr Water (bbls) 428	Oil Gravity - API
Disposition of Gas: SOLD			

Section 6 – Pits

☐ A temporary pit was used at the well. If so, attach a plat with the location of the temporary pit.
☒ A Closed Loop System was used.
☐ If an on-site burial was used at the well, report the exact location of the on-site burial:
LAT: _____ LONG: _____

Section 7 - Operator Signature and Certification

☒ I hereby certify that the required Water Use Report has been, or will be, submitted for this well’s completion.	
☒ I hereby certify that the required Fracfocus disclosure has been, or will be, submitted for this well’s completion.	
☒ 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.	
Name Shaw-Marie Ford	
Title Regulatory Specialist	Date 09-11-2024

South Formations				North Formations			
Formation/Zone	MD	TVD	W/O/G	Formation/Zone	MD	TVD	W/O/G
T. Anhy				T. San Jose	-	-	
T. Salt				T. Nacimiento	0	0	W
B. Salt				T. Ojo Alamo	762	762	G, W
T. Yates				T. Kirtland	832	832	G,W
T. 7 Rivers				T. Fruitland	1020	1020	G,W
T. Queen				T. Pictured Cliffs	1375	1373	G, W
T. Grayburg				T. Lewis Shale	1511	1505	G,W
T. San Andres				T. Chacra	1760	1743	G, W
T. Glorieta				T. Cliff House	2903	2836	G,W
T. Yeso				T. Menefee	2934	2866	G, W
T. Paddock				T. Point Lookout	3891	3782	G,W
T. Blinebry				T. Mancos	4098	3985	O, G
T.Tubb				T. Gallup	4773	4653	O, G
T. Drinkard				T. Greenhorn			
T. Abo				T. Graneros			
T. Wolfcamp				T. Dakota			
T. Penn				T. Morrison			
T. Cisco				T. Bluff			
T. Canyon				T.Todilto			
T. Strawn				T. Entrada			
T. Atoka				T. Wingate			
T. Morrow				T. Chinle			
T. Barnett Shale				T. Permian			
T. Miss				T. Penn A"			
T. Woodford Shale				T. Penn. "B"			
T. Devonian				T. Penn. "C"			
T. Silurian				T. Penn. "D"			
T. Fusselman				T. Leadville			
T. Montoya				T. Madison			
T. Simpson				T. Elbert			
T. McKee				T. McCracken			
T. Waddell				T. Ignacio Otzte			
T. Connel				T. Granite			
T. Ellenburger				T. Hermosa			
T. Gr. Wash				T. De Chelly			
T. Delaware Sand				T. Pinkerton			
T. Lamar Lime							
T. Bell Canyon							
T. Cherry Canyon							
T. Brushy Canyon							
T. Bone Springs							
T. 1st BS Sand							
T. 2nd BS Carbonate							
T. 2nd BS Sand							
T. 3rd BS Carbonate							
T. 3rd BS Sand							



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

Well Completion Print

07/22/2024

Operator Name DJR OPERATING LLC	Well Name BETONNIE TSOSIE WASH UNIT	Well Number 305H	US Well Number 3004538327
SHL NWNE Sec 21 23N 8W	County SAN JUAN	State NM	Lease Number(s) NMNM076842
Well Type OIL WELL	Well Status Producing Oil Well	Agreement Name	Agreement Number(s) NMNM135219A
Allottee/Tribe Name	Well Pad Name BETONNIE TSOSIE WASH UNIT	Well Pad Number 305H, 306H, 721H	APD ID 10400081292

Section 1 - General

Well Completion Report Id: 92339**Submission Date:** 07-18-2024**BLM Office:** Farmington Field Office**User:** SHAW-MARIE FORD**Title:** Regulatory Specialist**Federal/Indian:** FEDERAL**Lease Number:** NMNM076842**Lease Acres:****Agreement in place?:** YES**Federal or Indian Agreement:** FEDERAL**Agreement Number:****Agreement Name:****Additional Information****Keep this Well Completion Report confidential?:** YES**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:** 04-05-2024**Date Total Measured Depth Reached:** 05-18-2024**Drill & Abandon or Ready To Produce:** READY TO PRODUCE**Well Class:** HORIZONTAL

Operator Name DJR OPERATING LLC	Well Name BETONNIE TSOSIE WASH UNIT	Well Number 305H	US Well Number 3004538327
SHL NWNE Sec 21 23N 8W	County SAN JUAN	State NM	Lease Number(s) NMNM076842
Well Type OIL WELL	Well Status Producing Oil Well	Agreement Name	Agreement Number(s) NMNM135219A
Allottee/Tribe Name	Well Pad Name BETONNIE TSOSIE WASH UNIT	Well Pad Number 305H, 306H, 721H	APD ID 10400081292

Section 3 - Geologic

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral
OJO ALAMAO	SANDSTONE		6837	762	762	USEABLE WATER	
KIRTLAND	SHALE		5952	832	832	NONE	
FRUITLAND	COAL		5756	1020	1020	NATURAL GAS	
PICTURED CLIFFS	SANDSTONE		5474	1373	1375	USEABLE WATER	
LEWIS	SHALE		5361	1505	1511	NONE	
CHACRA	SANDSTONE		4727	1743	1760	NONE	
MENEFEE	COAL, SANDSTONE		3975	2866	2934	NATURAL GAS	
POINT LOOKOUT	SANDSTONE		3044	3782	3891	NONE	
MANCOS	SHALE		2865	3985	4098	NONE	
GALLUP	SANDSTONE		2052	4653	4773	NATURAL GAS, OIL	

Completion and Completed

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
---------------	-----------------	-----------------	-------------	--------------	----------------------	-------------------------------	-------------------	----------------	---------------------	-----------	-------------------	----------------------	----------------------	------------------	-----------------	--------------------

Operator Name DJR OPERATING LLC	Well Name BETONNIE TSOSIE WASH UNIT	Well Number 305H	US Well Number 3004538327
SHL NWNE Sec 21 23N 8W	County SAN JUAN	State NM	Lease Number(s) NMNM076842
Well Type OIL WELL	Well Status Producing Oil Well	Agreement Name	Agreement Number(s) NMNM135219A
Allottee/Tribe Name	Well Pad Name BETONNIE TSOSIE WASH UNIT	Well Pad Number 305H, 306H, 721H	APD ID 10400081292

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	NMNM076842	NEW		POW	06-26-2024	07-04-2024	GALLUP	5230	12788	Y	.3	1140	OPEN

Treatment Data

Wellbore Code	Completion Code	Interval Number	Interval Treated?	Treatment Type	Tottle Fluid (bbbls)	Total Proppant (lbs)	Treatment Remarks
00	S1	1	Y	FRAC	55807	7614945	Chemical Disclosure uploaded to FracFocus on 6/24/2024.

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 305H	US Well Number 3004538327
SHL NWNE Sec 21 23N 8W	County SAN JUAN	State NM	Lease Number(s) NMNM076842
Well Type OIL WELL	Well Status Producing Oil Well	Agreement Name	Agreement Number(s) NMNM135219A
Allottee/Tribe Name	Well Pad Name BETONNIE TSOSIE WASH UNIT	Well Pad Number 305H, 306H, 721H	APD ID 10400081292

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	07/06/2024	24	430	13848	428	32204	50/64	169		780

Well Location

Survey Type: RECTANGULAR

Survey Number:

Datum: NAD83

Vertical Datum: NAVD88

Reference Datum: GL

	State	Meridian	County	Latitude	Longitude	Elevation (MSL)	MD (ft)	TVD (ft)	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	36.218747	-107.685288	6837	N/A	N/A	FEDERAL	NMNM76842				406	FNL	2059	FEL	23N	8W	21	NWNE
KOP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.218747	-107.685288	6487	350	350	FEDERAL	NMNM76842				406	FNL	2059	FEL	23N	8W	21	NWNE
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.205178	-107.668415	1836	12788	5001	FEDERAL	NMNM120376				1	FNL	2521	FEL	23N	8W	27	NWNE
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.205503	-107.668806	1836	12788	5001	FEDERAL	NMNM136161				118	FSL	2632	FEL	23N	8W	22	SWSE

Operator Name DJR OPERATING LLC	Well Name BETONNIE TSOSIE WASH UNIT	Well Number 305H	US Well Number 3004538327
SHL NWNE Sec 21 23N 8W	County SAN JUAN	State NM	Lease Number(s) NMNM076842
Well Type OIL WELL	Well Status Producing Oil Well	Agreement Name	Agreement Number(s) NMNM135219A
Allottee/Tribe Name	Well Pad Name BETONNIE TSOSIE WASH UNIT	Well Pad Number 305H, 306H, 721H	APD ID 10400081292

	State	Meridian	County	Latitude	Longitude	Elevation (MSL)	MD (ft)	TVD (ft)	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
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.219216	-107.68556	1853	5230	4984	FEDERAL	NMNM 76842				236	FNL	2133	FEL	23N	8W	21	NWNE
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.213093	-107.678059	1836	12788	5001	FEDERAL	NMNM 50999				2442	FNL	1	FWL	23N	8W	22	SWNW
EXIT Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.20437	-107.667431	1836	12788	5001	FEDERAL	NMNM 120376				293	FNL	2231	FEL	23N	8W	27	NWNE
BHL Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.204286	-107.667326	1836	12857	5001	FEDERAL	NMNM 120376	5001	12834		323	FNL	2200	FEL	23N	8W	27	NWNE

Casing, Liner and Tubing

Operator Name DJR OPERATING LLC	Well Name BETONNIE TSOSIE WASH UNIT	Well Number 305H	US Well Number 3004538327
SHL NWNE Sec 21 23N 8W	County SAN JUAN	State NM	Lease Number(s) NMNM076842
Well Type OIL WELL	Well Status Producing Oil Well	Agreement Name	Agreement Number(s) NMNM135219A
Allottee/Tribe Name	Well Pad Name BETONNIE TSOSIE WASH UNIT	Well Pad Number 305H, 306H, 721H	APD ID 10400081292

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	370	9.625	36	K-55		ST&C		
00	INTERMEDIATE	8.75	0	5297	7.0	26	K-55		LT&C		
00	LINER	6.125	5150	12847	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	602	2.14	0	III	161	1.71	3572	278.5
00	LINER		G	620	1.52	5150					167.8

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		5425	5150	6	L-80		ST&C	

Operator Name DJR OPERATING LLC	Well Name BETONNIE TSOSIE WASH UNIT	Well Number 305H	US Well Number 3004538327
SHL NWNE Sec 21 23N 8W	County SAN JUAN	State NM	Lease Number(s) NMNM076842
Well Type OIL WELL	Well Status Producing Oil Well	Agreement Name	Agreement Number(s) NMNM135219A
Allottee/Tribe Name	Well Pad Name BETONNIE TSOSIE WASH UNIT	Well Pad Number 305H, 306H, 721H	APD ID 10400081292

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

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: 07/18/2024
Street Address: 1 ROAD 3263		
City: AZTEC	State: NM	Zip: 87410
Phone: (505)632-3476		
Email address: SFORD@ENDURINGRESOURCES.COM		

Field

Representative Name:		
Street Address:		
City:	State:	Zip:
Phone:	Extension:	
Email address:		

Attachments

Operator Name DJR OPERATING LLC	Well Name BETONNIE TSOSIE WASH UNIT	Well Number 305H	US Well Number 3004538327
SHL NWNE Sec 21 23N 8W	County SAN JUAN	State NM	Lease Number(s) NMNM076842
Well Type OIL WELL	Well Status Producing Oil Well	Agreement Name	Agreement Number(s) NMNM135219A
Allottee/Tribe Name	Well Pad Name BETONNIE TSOSIE WASH UNIT	Well Pad Number 305H, 306H, 721H	APD ID 10400081292

BTWU_305H_svys_Final_2_20240718111519.pdf

305H_AsDrilled_Plat_and_WBD_BLM_20240718111530.pdf

From: blm-afmss-notifications@blm.gov
To: [Shaw Ford](#)
Subject: Well Name: BETONNIE TSOSIE WASH UNIT, Well Number: 305H, Notification of Well Completion Acceptance
Date: Friday, July 19, 2024 12:51:26 PM

The Bureau of Land Management

Notice of Acceptance for Well Completion Report

- Operator Name: **DJR OPERATING LLC**
- Well Name: **BETONNIE TSOSIE WASH UNIT**
- Well Number: **305H**
- US Well Number: **3004538327**
- Well Completion Report Id: **WCR2024071992339**

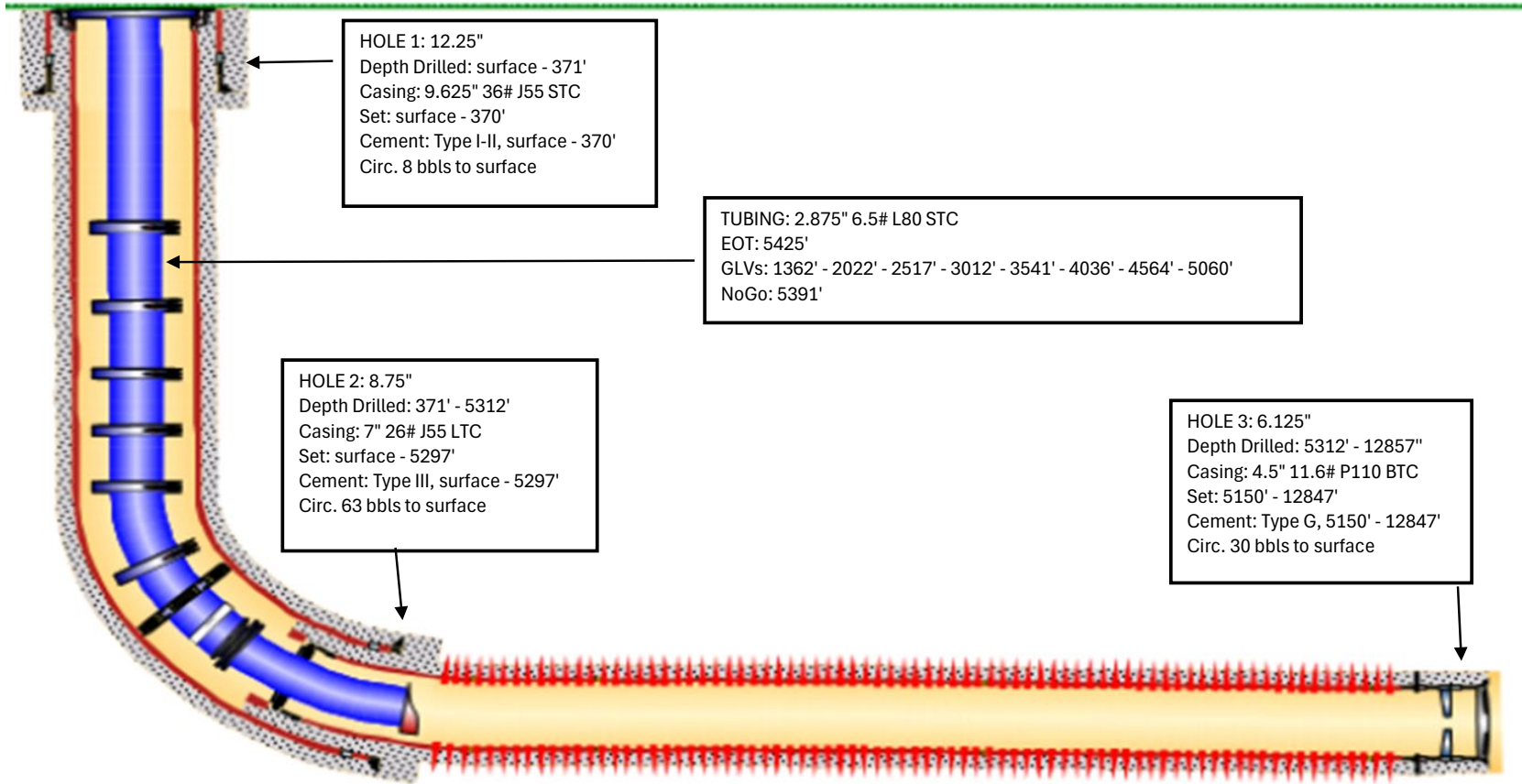
This notification is automatically generated. Please do not reply to this message as this account is not monitored.

BETONNIE TSOSIE WASH UNIT 305H

API: 30-045-38327
 SHL: NWN B-21-23N-08W
 406' FNL x 2059' FEL

Page 26 of 28
 Elevation: 6837' GL
 Spud Date: 4/5/2024
 Completed Date: 6/26/2024

FORMATION	MD	TVD
Ojo Alamo	762'	762'
Kirtland	832'	832'
Fruitland	1020'	1020'
Pictured Cliffs	1375'	1373'
Lewis	1511'	1505'
Chacra	1760'	1743'
Menefee	2934'	2866'
Point Lookout	3891'	3782'
Mancos	4098'	3985'
KOP~	4460'	4403'
Gallup	4773'	4653'



Perf:	38 Stages	Frac:	38 Stages
Depth:	5230' - 12788' MD	55,807	bbls of fluid
	4968' - 5014' TVD	7,614,945	lbs of proppant
		0	N2
Total of 1140 Open Holes			

(NAD83)	LAT.	LONG.
SHL:	36.218747	-107.685288
FTP:	36.219216	-107.685560
LTP:	36.204370	-107.667431
BHL:	36.204286	-107.667326

BHL: NWN B-27-23N-08W
 323' FNL x 2200' FEL

12,857'	TD
5,001'	TVD
12,834'	PBTD
12,808'	FracSleeve

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 386123

ACKNOWLEDGMENTS

Operator: DJR OPERATING, LLC 200 Energy Court Farmington, NM 87401	OGRID: 371838
	Action Number: 386123
	Action Type: [C-104] Completion Packet - New Well (C-104NW)

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.
☒	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.

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 386123

CONDITIONS

Operator: DJR OPERATING, LLC 200 Energy Court Farmington, NM 87401	OGRID: 371838
	Action Number: 386123
	Action Type: [C-104] Completion Packet - New Well (C-104NW)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	10/29/2024