

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
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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 306H	Property Code: 325179
Mineral Owner: ☐ State ☐ Fee ☒ Tribal ☒ Federal	API Number: 30-045-38328
Pool Name: BETONNIE TSOSIE WASH UNIT MANCOS OIL	Pool Code: 98175

Section 2 – Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
B	21	23N	8W		425' NORTH	2054' EAST	36.218694	-107.685269	SAN JUAN

Section 3 – Completion Information

Producing Method FLOWING	Ready Date 6/30/2024	Perforations MD 5753' – 12506'	Perforations TVD 4953' – 5018'
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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): 355409	Communitization Agreement ☐ Yes ☒ No, Order No.
Surface Casing Action ID: 334047	Unit: ☒ Yes ☐ No, Order No. R-13930 / R-13930A
Intermediate 1 Casing Action ID: 340959	Compulsory Pooling: ☐ Yes ☒ No, Order No.
Intermediate 2 Casing Action ID:	Down Hole Commingling: ☐ Yes ☒ No, Order No.
Production Casing Action ID: 345155	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: 345155	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 30-045-38328	Pool Code 98175	Pool Name BETONNIE TSOSIE WASH UNIT MANCOS OIL POOL
Property Code 325179	Property Name BETONNIE TSOSIE WASH UNIT	Well Number 306H
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		425' NORTH	2054' EAST	36.218694° N	107.685269° 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
M	22	23N	8W		230' SOUTH	811' WEST	36.205841° N	107.674995° W	SAN JUAN

Dedicated Acres PENETRATED SPACING UNIT; SEC 21: NW/NW, NE/NW, SE/NW, NW/NE, SE/NE, SW/NE, NW/SE, NE/SE & SE/SE (360 AC.); SEC 22: NW/SW & SW/SW (80 AC.); SEC 27: NW/NW (40 AC.) = 480 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
D	21	23N	8W		39' NORTH	1241' WEST	36.219763° N	107.692049° 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
C	21	23N	8W		254' NORTH	1469' WEST	36.219176° N	107.691246° W	SAN JUAN

Last Take Point (LTP)

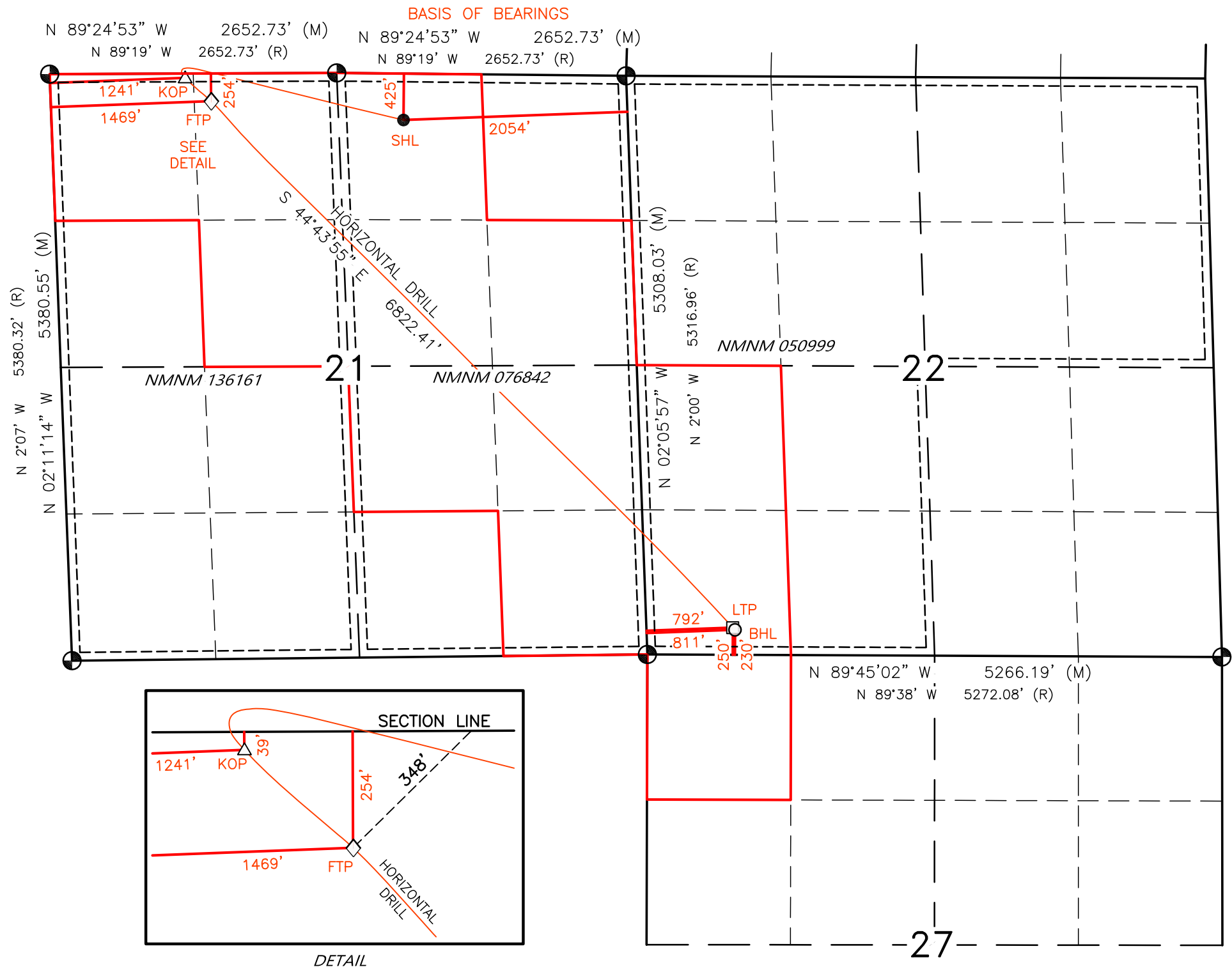
UL	Section	Township	Range	Lot	Ft from the N/S	Ft from the E/W	Latitude	Longitude	County
M	22	23N	8W		250' SOUTH	792' WEST	36.205897° N	107.675061° W	SAN JUAN

Unitized Area or Area of Uniform Interest BETONNIE TSOSIE WASH	Spacing Unit Type ☒ Horizontal ☐ Vertical	Ground Floor Elevation
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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 Ford Signature 9/11/2024 Date Shaw-Marie Ford Printed Name sford@enduringresources.com E-mail Address	<p>SURVEYOR CERTIFICATIONS</p> <p>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.</p> <div></div> <div><div colspan="2">Signature and Seal of Professional Surveyor:</div></div> <div><div>Certificate Number</div><div>11393</div></div> <div><div>Date of Survey</div><div>MAY 31, 2024</div></div>
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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.

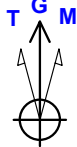
FND 2 1/2" BC
GLO 1947



- SURFACE LOCATION (SHL) ●
425' FNL 2054' FEL
SEC. 21, T23N, R8W
LAT. 36.218694° N (NAD83)
LONG. 107.685269° W (NAD83)
- KICK OFF POINT (KOP) △
39' FNL 1241' FWL
SEC. 21, T23N, R8W
LAT. 36.219763° N (NAD83)
LONG. 107.692049° W (NAD83)
- FIRST TAKE POINT (FTP) ◇
254' FNL 1469' FWL
SEC. 21, T23N, R8W
LAT. 36.219176° N (NAD83)
LONG. 107.691246° W (NAD83)
- LAST TAKE POINT (LTP) □
250' FSL 792' FWL
SEC. 22, T23N, R8W
LAT. 36.205897° N (NAD83)
LONG. 107.675061° W (NAD83)
- BOTTOM HOLE LOCATION (BHL) ○
230' FSL 811' FWL
SEC. 22, T23N, R8W
LAT. 36.205841° N (NAD83)
LONG. 107.674995° W (NAD83)



Well: **Betonnies Wash Unit 306H**
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: 8.39°

Magnetic Field
Strength: 49027.2nT
Dip Angle: 62.69°
Date: 3/24/2024
Model: IGRF2020

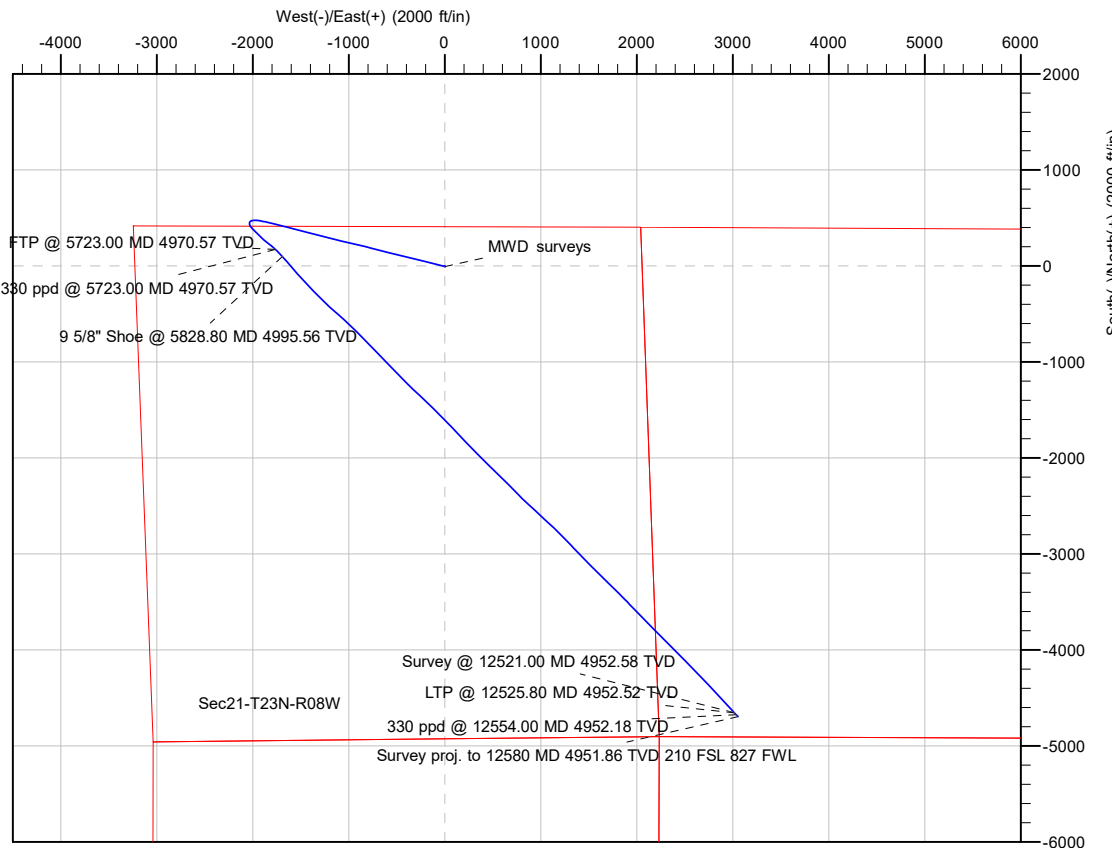
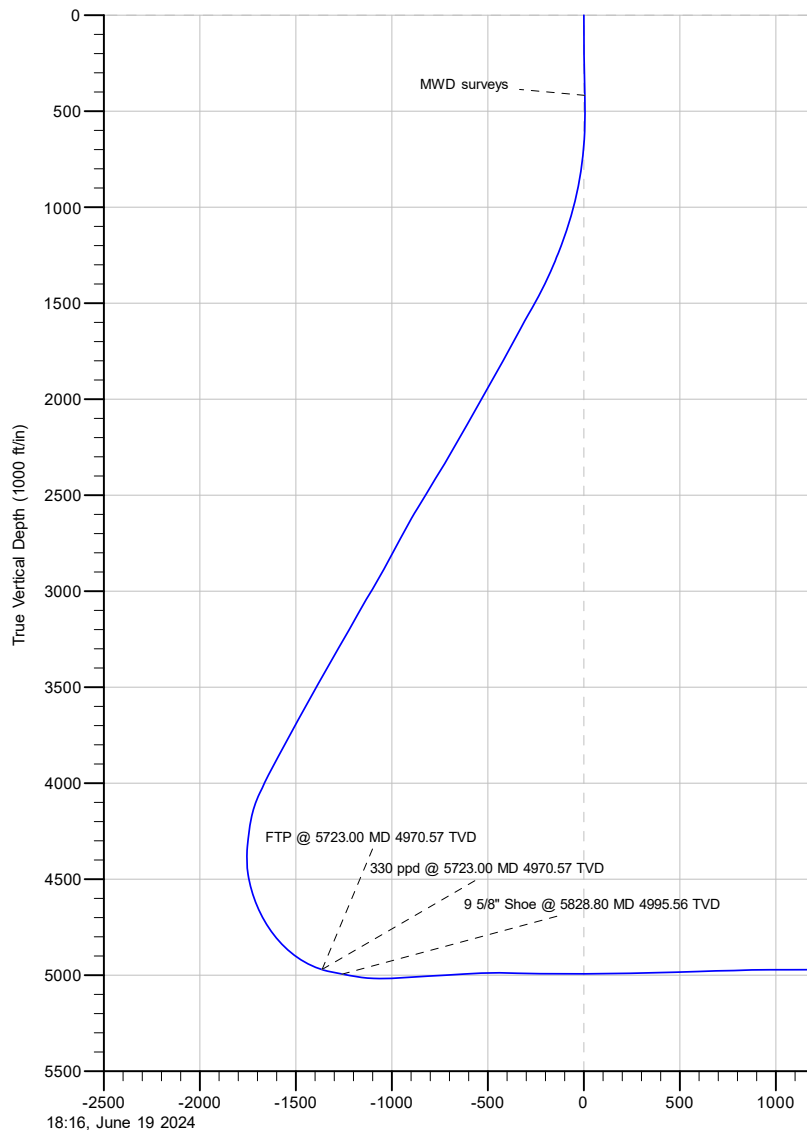
Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: New Mexico Western Zone
System Datum: Mean Sea Level
Depth Reference: RKB=6837+25 @ 6862.00ft (Aztec 1000)

Surface location:
Northing 1898935.79 Easting 2766766.00 Latitude 36.21869400 Longitude -107.68526900

Total Corr (M=>G): To convert a Magnetic Direction to a Grid Direction, Add 8.39°

ANNOTATIONS SURVEYS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Vsect	Annotation
419.00	1.52	140.300	418.95	-4.28	3.55	5.54	MWD surveys
5723.00	72.43	132.870	4970.57	172.76	-1763.28	-1362.80	330 ppd @ 5723.00 MD 4970.57 TVD
5723.00	72.43	132.870	4970.57	172.76	-1763.28	-1362.80	FTP @ 5723.00 MD 4970.57 TVD
5828.80	79.05	137.081	4995.56	99.72	-1691.03	-1260.07	9 5/8" Shoe @ 5828.80 MD 4995.56 TVD
12521.00	90.70	136.300	4952.58	-4650.09	3015.48	5426.63	Survey @ 12521.00 MD 4952.58 TVD
12525.80	90.70	136.300	4952.52	-4653.56	3018.79	5431.43	LTP @ 12525.80 MD 4952.52 TVD
12554.00	90.70	136.300	4952.18	-4673.95	3038.27	5459.62	330 ppd @ 12554.00 MD 4952.18 TVD
12580.00	90.70	136.300	4951.86	-4692.75	3056.23	5485.62	Survey proj. to 12580 MD 4951.86 TVD 210 FSL 827 FWL



Vertical Section at 135.314° (1000 ft/in)



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Betonnie Tsosie Wash Unit 306H
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 306H	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 306H, Surf loc: 425 FNL 2054 FEL Section 21-T23N-R08W			
Well Position	+N/-S	0.00 ft	Northing:	1,898,935.79 usft
	+E/-W	0.00 ft	Easting:	2,766,766.01 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	3/24/2024	8.48	62.69	49,027.19140282

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	5,754.00	MWD int (Original Hole)	MWD	OWSG MWD - Standard	
5,870.00	12,521.00	MWD (Original Hole)	MWD	OWSG MWD - Standard	
12,580.00	12,580.00	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	1.52	140.300	418.95	-4.28	3.55	5.54	0.36	0.36	0.00	
MWD surveys										
513.00	0.57	226.790	512.94	-5.56	4.01	6.77	1.69	-1.01	92.01	
608.00	2.96	285.760	607.89	-5.21	1.30	4.62	2.85	2.52	62.07	
703.00	6.05	284.420	702.59	-3.30	-5.91	-1.81	3.25	3.25	-1.41	
798.00	9.30	285.860	796.72	0.05	-18.15	-12.79	3.43	3.42	1.52	
892.00	12.22	284.940	889.06	4.69	-35.07	-27.99	3.11	3.11	-0.98	



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Betonnie Tsosie Wash Unit 306H
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 306H	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	16.38	285.510	981.10	10.86	-57.70	-48.30	4.38	4.38	0.60
1,082.00	19.65	285.200	1,071.43	18.64	-86.03	-73.75	3.44	3.44	-0.33
1,174.00	22.32	284.760	1,157.32	27.14	-117.86	-102.18	2.91	2.90	-0.48
1,265.00	23.97	284.670	1,240.99	36.23	-152.45	-132.96	1.81	1.81	-0.10
1,357.00	27.28	283.770	1,323.93	45.98	-191.02	-167.02	3.62	3.60	-0.98
1,447.00	29.91	283.830	1,402.94	56.26	-232.85	-203.74	2.92	2.92	0.07
1,538.00	33.48	283.120	1,480.36	67.38	-279.34	-244.34	3.94	3.92	-0.78
1,629.00	33.92	282.040	1,556.07	78.38	-328.61	-286.81	0.82	0.48	-1.19
1,720.00	32.87	280.240	1,632.04	88.06	-377.75	-328.25	1.59	-1.15	-1.98
1,810.00	32.39	284.590	1,707.85	98.48	-425.12	-368.97	2.66	-0.53	4.83
1,900.00	32.03	285.510	1,784.00	110.93	-471.44	-410.40	0.68	-0.40	1.02
1,994.00	33.89	286.100	1,862.87	124.87	-520.65	-454.91	2.01	1.98	0.63
2,089.00	33.42	284.760	1,941.94	138.88	-571.39	-500.55	0.93	-0.49	-1.41
2,184.00	33.14	284.300	2,021.36	151.96	-621.86	-545.34	0.40	-0.29	-0.48
2,279.00	32.81	283.550	2,101.06	164.40	-672.04	-589.48	0.55	-0.35	-0.79
2,374.00	33.67	283.510	2,180.52	176.58	-722.67	-633.74	0.91	0.91	-0.04
2,468.00	34.18	283.940	2,258.52	189.03	-773.63	-678.43	0.60	0.54	0.46
2,563.00	35.46	284.150	2,336.50	202.20	-826.25	-724.80	1.35	1.35	0.22
2,658.00	35.32	283.900	2,413.95	215.53	-879.63	-771.81	0.21	-0.15	-0.26
2,753.00	35.87	283.510	2,491.20	228.63	-933.35	-818.90	0.63	0.58	-0.41
2,848.00	35.75	282.800	2,568.24	241.28	-987.48	-865.96	0.46	-0.13	-0.75
2,943.00	33.60	282.890	2,646.36	253.30	-1,040.17	-911.55	2.26	-2.26	0.09
3,037.00	32.32	281.690	2,725.23	264.19	-1,090.13	-954.44	1.53	-1.36	-1.28
3,132.00	31.62	283.750	2,805.83	275.25	-1,139.19	-996.80	1.36	-0.74	2.17
3,227.00	33.20	284.970	2,886.03	287.89	-1,188.51	-1,040.47	1.80	1.66	1.28
3,322.00	34.45	285.850	2,964.95	301.95	-1,239.49	-1,086.32	1.41	1.32	0.93
3,417.00	33.48	283.660	3,043.74	315.48	-1,290.81	-1,132.02	1.64	-1.02	-2.31
3,512.00	33.87	284.500	3,122.80	328.30	-1,341.90	-1,177.06	0.64	0.41	0.88
3,607.00	33.30	283.040	3,201.94	340.81	-1,392.93	-1,221.84	1.04	-0.60	-1.54
3,702.00	33.60	284.900	3,281.21	353.45	-1,443.74	-1,266.56	1.12	0.32	1.96
3,796.00	34.30	285.170	3,359.18	367.07	-1,494.44	-1,311.90	0.76	0.74	0.29
3,891.00	33.97	283.630	3,437.82	380.33	-1,546.07	-1,357.63	0.97	-0.35	-1.62
3,985.00	33.36	285.350	3,516.05	393.36	-1,596.52	-1,402.37	1.20	-0.65	1.83
4,080.00	32.44	284.710	3,595.82	406.75	-1,646.35	-1,446.93	1.04	-0.97	-0.67
4,175.00	31.84	283.770	3,676.26	419.18	-1,695.34	-1,490.22	0.82	-0.63	-0.99
4,270.00	32.25	283.290	3,756.78	430.97	-1,744.34	-1,533.07	0.51	0.43	-0.51
4,365.00	32.73	283.650	3,836.92	442.86	-1,793.97	-1,576.42	0.54	0.51	0.38
4,460.00	32.45	283.100	3,916.96	454.70	-1,843.75	-1,619.84	0.43	-0.29	-0.58
4,555.00	30.68	281.500	3,997.90	465.31	-1,892.33	-1,661.54	2.06	-1.86	-1.68
4,618.00	29.04	280.040	4,052.54	471.18	-1,923.14	-1,687.38	2.85	-2.60	-2.32
4,649.00	28.07	279.020	4,079.76	473.63	-1,937.75	-1,699.40	3.50	-3.13	-3.29
4,681.00	25.61	276.690	4,108.32	475.62	-1,952.06	-1,710.88	8.36	-7.69	-7.28
4,713.00	21.88	272.640	4,137.60	476.70	-1,964.89	-1,720.67	12.72	-11.66	-12.66



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Betonnie Tsosie Wash Unit 306H
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 306H	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)
4,744.00	18.14	267.620	4,166.73	476.76	-1,975.48	-1,728.17	13.27	-12.06	-16.19
4,776.00	15.50	263.850	4,197.36	476.10	-1,984.71	-1,734.18	8.92	-8.25	-11.78
4,807.00	14.56	261.780	4,227.30	475.10	-1,992.69	-1,739.08	3.49	-3.03	-6.68
4,839.00	13.81	258.990	4,258.32	473.79	-2,000.42	-1,743.59	3.17	-2.34	-8.72
4,870.00	13.28	257.660	4,288.46	472.33	-2,007.53	-1,747.55	1.98	-1.71	-4.29
4,902.00	11.89	251.830	4,319.69	470.51	-2,014.25	-1,750.98	5.88	-4.34	-18.22
4,933.00	10.10	242.730	4,350.12	468.27	-2,019.70	-1,753.22	8.03	-5.77	-29.35
4,965.00	9.74	228.960	4,381.65	465.21	-2,024.24	-1,754.24	7.48	-1.13	-43.03
4,997.00	10.82	215.990	4,413.14	461.00	-2,028.05	-1,753.92	7.96	3.38	-40.53
5,028.00	12.07	201.240	4,443.53	455.62	-2,030.93	-1,752.13	10.23	4.03	-47.58
5,060.00	13.75	187.390	4,474.73	448.73	-2,032.63	-1,748.42	10.97	5.25	-43.28
5,091.00	15.23	176.870	4,504.74	441.01	-2,032.88	-1,743.11	9.72	4.77	-33.94
5,123.00	16.37	167.570	4,535.54	432.41	-2,031.68	-1,736.15	8.67	3.56	-29.06
5,154.00	18.05	157.380	4,565.16	423.71	-2,028.90	-1,728.00	11.11	5.42	-32.87
5,186.00	19.78	147.880	4,595.44	414.54	-2,024.11	-1,718.12	11.02	5.41	-29.69
5,218.00	21.76	143.020	4,625.36	405.22	-2,017.66	-1,706.96	8.20	6.19	-15.19
5,249.00	24.02	137.010	4,653.92	396.01	-2,009.90	-1,694.95	10.48	7.29	-19.39
5,281.00	26.98	134.980	4,682.80	386.11	-2,000.32	-1,681.18	9.64	9.25	-6.34
5,312.00	29.52	133.900	4,710.10	375.84	-1,989.84	-1,666.51	8.36	8.19	-3.48
5,344.00	31.81	133.230	4,737.63	364.60	-1,978.02	-1,650.20	7.24	7.16	-2.09
5,375.00	34.54	135.200	4,763.57	352.76	-1,965.87	-1,633.24	9.47	8.81	6.35
5,407.00	37.16	135.840	4,789.51	339.39	-1,952.74	-1,614.50	8.27	8.19	2.00
5,438.00	40.41	135.630	4,813.67	325.49	-1,939.19	-1,595.09	10.49	10.48	-0.68
5,470.00	43.37	134.680	4,837.49	310.34	-1,924.12	-1,573.73	9.46	9.25	-2.97
5,502.00	46.38	132.600	4,860.16	294.77	-1,907.77	-1,551.16	10.46	9.41	-6.50
5,533.00	49.90	129.950	4,880.85	279.56	-1,890.42	-1,528.14	13.02	11.35	-8.55
5,565.00	53.94	128.940	4,900.58	263.56	-1,870.97	-1,503.09	12.87	12.63	-3.16
5,596.00	57.92	129.340	4,917.95	247.36	-1,851.06	-1,477.56	12.88	12.84	1.29
5,628.00	61.91	129.580	4,933.98	229.76	-1,829.68	-1,450.03	12.49	12.47	0.75
5,660.00	65.74	129.810	4,948.10	211.42	-1,807.59	-1,421.45	11.99	11.97	0.72
5,691.00	69.04	130.810	4,960.01	192.91	-1,785.77	-1,392.95	11.05	10.65	3.23
5,723.00	72.43	132.870	4,970.57	172.76	-1,763.28	-1,362.80	12.21	10.59	6.44
330 ppp @ 5723.00 MD 4970.57 TVD - FTP @ 5723.00 MD 4970.57 TVD									
5,754.00	75.56	134.750	4,979.12	152.13	-1,741.78	-1,333.02	11.66	10.10	6.06
5,828.80	79.05	137.081	4,995.56	99.72	-1,691.03	-1,260.07	5.57	4.67	3.12
9 5/8" Shoe @ 5828.80 MD 4995.56 TVD									
5,870.00	80.98	138.340	5,002.70	69.70	-1,663.73	-1,219.53	5.57	4.68	3.06
5,902.00	81.25	137.650	5,007.64	46.21	-1,642.57	-1,187.95	2.29	0.84	-2.16
5,933.00	82.11	138.170	5,012.13	23.45	-1,622.01	-1,157.31	3.23	2.77	1.68
5,964.00	85.34	139.630	5,015.52	0.23	-1,601.76	-1,126.56	11.42	10.42	4.71
5,996.00	87.78	140.320	5,017.44	-24.23	-1,581.22	-1,094.72	7.92	7.63	2.16
6,027.00	90.11	139.870	5,018.01	-48.00	-1,561.34	-1,063.84	7.65	7.52	-1.45
6,090.00	91.52	139.240	5,017.11	-95.94	-1,520.47	-1,001.02	2.45	2.24	-1.00
6,184.00	94.81	137.500	5,011.92	-166.08	-1,458.14	-907.31	3.96	3.50	-1.85



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Betonnie Tsosie Wash Unit 306H
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 306H	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)
6,278.00	93.35	135.060	5,005.23	-233.84	-1,393.34	-813.57	3.02	-1.55	-2.60
6,371.00	93.07	135.110	5,000.02	-299.59	-1,327.78	-720.72	0.31	-0.30	0.05
6,465.00	93.62	134.680	4,994.54	-365.83	-1,261.30	-626.88	0.74	0.59	-0.46
6,559.00	92.29	131.610	4,989.69	-430.01	-1,192.82	-533.09	3.56	-1.41	-3.27
6,654.00	89.18	131.960	4,988.47	-493.30	-1,122.00	-438.29	3.29	-3.27	0.37
6,747.00	88.92	131.590	4,990.02	-555.25	-1,052.65	-345.48	0.49	-0.28	-0.40
6,841.00	88.46	133.630	4,992.16	-618.87	-983.49	-251.61	2.22	-0.49	2.17
6,934.00	89.88	135.190	4,993.51	-683.94	-917.07	-158.64	2.27	1.53	1.68
7,028.00	90.27	135.720	4,993.39	-750.93	-851.13	-64.64	0.70	0.41	0.56
7,122.00	90.01	135.620	4,993.16	-818.17	-785.44	29.36	0.30	-0.28	-0.11
7,217.00	89.88	135.880	4,993.25	-886.22	-719.15	124.35	0.31	-0.14	0.27
7,311.00	91.82	135.730	4,991.86	-953.61	-653.64	218.34	2.07	2.06	-0.16
7,405.00	91.65	135.770	4,989.01	-1,020.91	-588.07	312.29	0.19	-0.18	0.04
7,499.00	91.44	135.800	4,986.48	-1,088.25	-522.55	406.25	0.23	-0.22	0.03
7,593.00	91.63	136.640	4,983.96	-1,156.10	-457.53	500.21	0.92	0.20	0.89
7,687.00	91.63	134.400	4,981.28	-1,223.13	-391.70	594.16	2.38	0.00	-2.38
7,781.00	91.61	133.770	4,978.63	-1,288.51	-324.21	688.10	0.67	-0.02	-0.67
7,875.00	91.56	133.160	4,976.03	-1,353.14	-256.01	782.02	0.65	-0.05	-0.65
7,969.00	91.00	132.840	4,973.93	-1,417.24	-187.28	875.92	0.69	-0.60	-0.34
8,063.00	90.75	134.370	4,972.49	-1,482.06	-119.22	969.86	1.65	-0.27	1.63
8,157.00	89.68	135.720	4,972.14	-1,548.57	-52.81	1,063.85	1.83	-1.14	1.44
8,252.00	89.15	135.720	4,973.11	-1,616.58	13.51	1,158.85	0.56	-0.56	0.00
8,345.00	90.37	136.390	4,973.50	-1,683.54	78.05	1,251.84	1.50	1.31	0.72
8,440.00	90.70	136.510	4,972.61	-1,752.39	143.50	1,346.81	0.37	0.35	0.13
8,534.00	90.78	136.430	4,971.40	-1,820.54	208.24	1,440.79	0.12	0.09	-0.09
8,628.00	90.64	136.080	4,970.23	-1,888.44	273.23	1,534.77	0.40	-0.15	-0.37
8,722.00	90.23	135.320	4,969.52	-1,955.71	338.88	1,628.76	0.92	-0.44	-0.81
8,816.00	90.65	134.800	4,968.80	-2,022.25	405.27	1,722.76	0.71	0.45	-0.55
8,910.00	90.56	134.400	4,967.80	-2,088.25	472.20	1,816.74	0.44	-0.10	-0.43
9,004.00	90.30	133.610	4,967.10	-2,153.55	539.81	1,910.72	0.88	-0.28	-0.84
9,099.00	90.07	134.820	4,966.79	-2,219.80	607.90	2,005.70	1.30	-0.24	1.27
9,193.00	90.01	135.850	4,966.73	-2,286.65	673.97	2,099.69	1.10	-0.06	1.10
9,288.00	90.14	135.120	4,966.60	-2,354.39	740.58	2,194.69	0.78	0.14	-0.77
9,382.00	90.09	133.870	4,966.41	-2,420.27	807.63	2,288.68	1.33	-0.05	-1.33
9,476.00	90.07	133.290	4,966.28	-2,485.07	875.72	2,382.64	0.62	-0.02	-0.62
9,570.00	89.55	133.410	4,966.59	-2,549.60	944.07	2,476.58	0.57	-0.55	0.13
9,664.00	89.86	133.070	4,967.08	-2,613.99	1,012.55	2,570.52	0.49	0.33	-0.36
9,758.00	89.69	132.010	4,967.45	-2,677.54	1,081.81	2,664.41	1.14	-0.18	-1.13
9,852.00	88.52	133.150	4,968.91	-2,741.13	1,151.01	2,758.29	1.74	-1.24	1.21
9,946.00	89.70	135.970	4,970.37	-2,807.07	1,217.97	2,852.25	3.25	1.26	3.00
10,041.00	90.03	135.160	4,970.60	-2,874.91	1,284.48	2,947.25	0.92	0.35	-0.85
10,135.00	90.80	136.860	4,969.92	-2,942.53	1,349.76	3,041.24	1.99	0.82	1.81
10,229.00	90.96	136.340	4,968.47	-3,010.82	1,414.34	3,135.20	0.58	0.17	-0.55



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Betonnie Tsosie Wash Unit 306H
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 306H	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)
10,323.00	90.91	135.610	4,966.94	-3,078.40	1,479.66	3,229.18	0.78	-0.05	-0.78
10,417.00	91.64	134.930	4,964.85	-3,145.17	1,545.80	3,323.16	1.06	0.78	-0.72
10,511.00	91.90	133.990	4,961.94	-3,210.97	1,612.86	3,417.10	1.04	0.28	-1.00
10,604.00	90.90	135.070	4,959.67	-3,276.17	1,679.13	3,510.06	1.58	-1.08	1.16
10,698.00	89.65	134.420	4,959.22	-3,342.34	1,745.89	3,604.06	1.50	-1.33	-0.69
10,792.00	89.14	135.600	4,960.21	-3,408.81	1,812.34	3,698.05	1.37	-0.54	1.26
10,886.00	89.02	134.850	4,961.72	-3,475.53	1,878.54	3,792.04	0.81	-0.13	-0.80
10,980.00	90.71	136.390	4,961.94	-3,542.71	1,944.28	3,886.03	2.43	1.80	1.64
11,074.00	90.68	135.310	4,960.80	-3,610.15	2,009.75	3,980.01	1.15	-0.03	-1.15
11,168.00	90.84	134.520	4,959.56	-3,676.52	2,076.31	4,074.00	0.86	0.17	-0.84
11,262.00	90.00	135.690	4,958.87	-3,743.10	2,142.65	4,168.00	1.53	-0.89	1.24
11,356.00	89.39	136.300	4,959.37	-3,810.71	2,207.96	4,261.99	0.92	-0.65	0.65
11,450.00	90.03	135.500	4,959.84	-3,878.21	2,273.37	4,355.98	1.09	0.68	-0.85
11,544.00	90.04	135.110	4,959.79	-3,945.04	2,339.48	4,449.98	0.42	0.01	-0.41
11,638.00	89.52	135.960	4,960.15	-4,012.12	2,405.33	4,543.98	1.06	-0.55	0.90
11,732.00	89.94	135.500	4,960.59	-4,079.43	2,470.94	4,637.97	0.66	0.45	-0.49
11,826.00	90.17	135.550	4,960.50	-4,146.50	2,536.80	4,731.97	0.25	0.24	0.05
11,920.00	90.31	134.850	4,960.11	-4,213.20	2,603.03	4,825.97	0.76	0.15	-0.74
12,014.00	89.90	135.940	4,959.94	-4,280.12	2,669.04	4,919.97	1.24	-0.44	1.16
12,109.00	90.15	134.960	4,959.89	-4,347.82	2,735.68	5,014.97	1.06	0.26	-1.03
12,203.00	90.88	138.450	4,959.05	-4,416.23	2,800.13	5,108.92	3.79	0.78	3.71
12,297.00	91.04	137.870	4,957.47	-4,486.25	2,862.83	5,202.79	0.64	0.17	-0.62
12,391.00	91.52	137.190	4,955.37	-4,555.57	2,926.28	5,296.70	0.89	0.51	-0.72
12,485.00	91.17	136.380	4,953.17	-4,624.05	2,990.63	5,390.64	0.94	-0.37	-0.86
12,521.00	90.70	136.300	4,952.58	-4,650.09	3,015.48	5,426.63	1.32	-1.31	-0.22
Survey @ 12521.00 MD 4952.58 TVD									
12,525.80	90.70	136.300	4,952.52	-4,653.56	3,018.79	5,431.43	0.00	0.00	0.00
LTP @ 12525.80 MD 4952.52 TVD									
12,554.00	90.70	136.300	4,952.18	-4,673.95	3,038.27	5,459.62	0.00	0.00	0.00
330 ppd @ 12554.00 MD 4952.18 TVD									
12,580.00	90.70	136.300	4,951.86	-4,692.75	3,056.24	5,485.62	0.00	0.00	0.00
Survey proj. to 12580 MD 4951.86 TVD 210 FSL 827 FWL									



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Betonnie Tsosie Wash Unit 306H
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 306H	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	-4.28	3.55	MWD surveys
5,723.00	4,970.57	172.76	-1,763.28	330 ppd @ 5723.00 MD 4970.57 TVD
5,723.00	4,970.57	172.76	-1,763.28	FTP @ 5723.00 MD 4970.57 TVD
5,828.80	4,995.56	99.72	-1,691.03	9 5/8" Shoe @ 5828.80 MD 4995.56 TVD
12,521.00	4,952.58	-4,650.09	3,015.48	Survey @ 12521.00 MD 4952.58 TVD
12,525.80	4,952.52	-4,653.56	3,018.79	LTP @ 12525.80 MD 4952.52 TVD
12,554.00	4,952.18	-4,673.95	3,038.27	330 ppd @ 12554.00 MD 4952.18 TVD
12,580.00	4,951.86	-4,692.75	3,056.24	Survey proj. to 12580 MD 4951.86 TVD 210 FSL 827 FWL



Survey Report - Geographic



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Betonnie Tsosie Wash Unit 306H
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 306H	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 306H, Surf loc: 425 FNL 2054 FEL Section 21-T23N-R08W					
Well Position	+N/-S	0.00 ft	Northing:	1,898,935.79 usft	Latitude:	36.21869400
	+E/-W	0.00 ft	Easting:	2,766,766.01 usft	Longitude:	-107.68526900
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	3/24/2024	8.48	62.69	49,027.19140282

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	5,754.00	MWD int (Original Hole)	MWD	OWSG MWD - Standard	
5,870.00	12,521.00	MWD (Original Hole)	MWD	OWSG MWD - Standard	
12,580.00	12,580.00	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	1,898,935.79	2,766,766.01	36.21869400	-107.68526900	
419.00	1.52	140.300	418.95	-4.28	3.55	1,898,931.51	2,766,769.56	36.21868224	-107.68525699	
MWD surveys										
513.00	0.57	226.790	512.94	-5.56	4.01	1,898,930.23	2,766,770.01	36.21867872	-107.68525545	
608.00	2.96	285.760	607.89	-5.21	1.30	1,898,930.58	2,766,767.31	36.21867968	-107.68526462	
703.00	6.05	284.420	702.59	-3.30	-5.91	1,898,932.49	2,766,760.10	36.21868496	-107.68528906	
798.00	9.30	285.860	796.72	0.05	-18.15	1,898,935.83	2,766,747.86	36.21869420	-107.68533053	
892.00	12.22	284.940	889.06	4.69	-35.07	1,898,940.48	2,766,730.94	36.21870702	-107.68538787	
987.00	16.38	285.510	981.10	10.86	-57.70	1,898,946.65	2,766,708.31	36.21872409	-107.68546456	
1,082.00	19.65	285.200	1,071.43	18.64	-86.03	1,898,954.43	2,766,679.98	36.21874556	-107.68556056	



Survey Report - Geographic



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Bettonnie Tsosie Wash Unit 306H
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 306H	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	22.32	284.760	1,157.32	27.14	-117.86	1,898,962.93	2,766,648.15	36.21876906	-107.68566842
1,265.00	23.97	284.670	1,240.99	36.23	-152.45	1,898,972.02	2,766,613.56	36.21879416	-107.68578565
1,357.00	27.28	283.770	1,323.93	45.98	-191.02	1,898,981.77	2,766,574.99	36.21882112	-107.68591635
1,447.00	29.91	283.830	1,402.94	56.26	-232.85	1,898,992.05	2,766,533.16	36.21884952	-107.68605810
1,538.00	33.48	283.120	1,480.36	67.38	-279.34	1,899,003.17	2,766,486.67	36.21888027	-107.68621566
1,629.00	33.92	282.040	1,556.07	78.38	-328.61	1,899,014.16	2,766,437.39	36.21891068	-107.68638266
1,720.00	32.87	280.240	1,632.04	88.06	-377.75	1,899,023.85	2,766,388.26	36.21893749	-107.68654919
1,810.00	32.39	284.590	1,707.85	98.48	-425.12	1,899,034.27	2,766,340.89	36.21896630	-107.68670973
1,900.00	32.03	285.510	1,784.00	110.93	-471.44	1,899,046.72	2,766,294.56	36.21900071	-107.68686672
1,994.00	33.89	286.100	1,862.87	124.87	-520.65	1,899,060.66	2,766,245.36	36.21903919	-107.68703345
2,089.00	33.42	284.760	1,941.94	138.88	-571.39	1,899,074.67	2,766,194.61	36.21907789	-107.68720542
2,184.00	33.14	284.300	2,021.36	151.96	-621.86	1,899,087.75	2,766,144.15	36.21911403	-107.68737643
2,279.00	32.81	283.550	2,101.06	164.40	-672.04	1,899,100.19	2,766,093.97	36.21914842	-107.68754650
2,374.00	33.67	283.510	2,180.52	176.58	-722.67	1,899,112.37	2,766,043.34	36.21918210	-107.68771808
2,468.00	34.18	283.940	2,258.52	189.03	-773.63	1,899,124.82	2,765,992.38	36.21921650	-107.68789079
2,563.00	35.46	284.150	2,336.50	202.20	-826.25	1,899,137.99	2,765,939.75	36.21925289	-107.68806912
2,658.00	35.32	283.900	2,413.95	215.53	-879.63	1,899,151.32	2,765,886.38	36.21928974	-107.68825002
2,753.00	35.87	283.510	2,491.20	228.63	-933.35	1,899,164.42	2,765,832.66	36.21932594	-107.68843207
2,848.00	35.75	282.800	2,568.24	241.28	-987.48	1,899,177.07	2,765,778.53	36.21936091	-107.68861550
2,943.00	33.60	282.890	2,646.36	253.30	-1,040.17	1,899,189.08	2,765,725.84	36.21939413	-107.68879408
3,037.00	32.32	281.690	2,725.23	264.19	-1,090.13	1,899,199.98	2,765,675.87	36.21942427	-107.68896341
3,132.00	31.62	283.750	2,805.83	275.25	-1,139.19	1,899,211.04	2,765,626.81	36.21945486	-107.68912968
3,227.00	33.20	284.970	2,886.03	287.89	-1,188.51	1,899,223.68	2,765,577.49	36.21948978	-107.68929683
3,322.00	34.45	285.850	2,964.95	301.95	-1,239.49	1,899,237.74	2,765,526.52	36.21952861	-107.68946958
3,417.00	33.48	283.660	3,043.74	315.48	-1,290.81	1,899,251.27	2,765,475.20	36.21956598	-107.68964347
3,512.00	33.87	284.500	3,122.80	328.30	-1,341.90	1,899,264.08	2,765,424.11	36.21960140	-107.68981662
3,607.00	33.30	283.040	3,201.94	340.81	-1,392.93	1,899,276.60	2,765,373.08	36.21963598	-107.68998958
3,702.00	33.60	284.900	3,281.21	353.45	-1,443.74	1,899,289.24	2,765,322.27	36.21967092	-107.69016178
3,796.00	34.30	285.170	3,359.18	367.07	-1,494.44	1,899,302.86	2,765,271.57	36.21970853	-107.69033359
3,891.00	33.97	283.630	3,437.82	380.33	-1,546.07	1,899,316.12	2,765,219.94	36.21974517	-107.69050856
3,985.00	33.36	285.350	3,516.05	393.36	-1,596.52	1,899,329.15	2,765,169.49	36.21978117	-107.69067952
4,080.00	32.44	284.710	3,595.82	406.75	-1,646.35	1,899,342.53	2,765,119.66	36.21981814	-107.69084840
4,175.00	31.84	283.770	3,676.26	419.18	-1,695.34	1,899,354.97	2,765,070.67	36.21985249	-107.69101440
4,270.00	32.25	283.290	3,756.78	430.97	-1,744.34	1,899,366.76	2,765,021.67	36.21988508	-107.69118049
4,365.00	32.73	283.650	3,836.92	442.86	-1,793.97	1,899,378.65	2,764,972.04	36.21991794	-107.69134867
4,460.00	32.45	283.100	3,916.96	454.70	-1,843.75	1,899,390.48	2,764,922.26	36.21995066	-107.69151738
4,555.00	30.68	281.500	3,997.90	465.31	-1,892.33	1,899,401.09	2,764,873.68	36.21998000	-107.69168202
4,618.00	29.04	280.040	4,052.54	471.18	-1,923.14	1,899,406.96	2,764,842.87	36.21999625	-107.69178644
4,649.00	28.07	279.020	4,079.76	473.63	-1,937.75	1,899,409.42	2,764,828.26	36.22000305	-107.69183597
4,681.00	25.61	276.690	4,108.32	475.62	-1,952.06	1,899,411.41	2,764,813.96	36.22000857	-107.69188446
4,713.00	21.88	272.640	4,137.60	476.70	-1,964.89	1,899,412.49	2,764,801.12	36.22001159	-107.69192795
4,744.00	18.14	267.620	4,166.73	476.76	-1,975.48	1,899,412.55	2,764,790.53	36.22001181	-107.69196388
4,776.00	15.50	263.850	4,197.36	476.10	-1,984.71	1,899,411.89	2,764,781.30	36.22001002	-107.69199517
4,807.00	14.56	261.780	4,227.30	475.10	-1,992.69	1,899,410.89	2,764,773.32	36.22000730	-107.69202221
4,839.00	13.81	258.990	4,258.32	473.79	-2,000.42	1,899,409.58	2,764,765.59	36.22000375	-107.69204843
4,870.00	13.28	257.660	4,288.46	472.33	-2,007.53	1,899,408.11	2,764,758.48	36.21999975	-107.69207254
4,902.00	11.89	251.830	4,319.69	470.51	-2,014.25	1,899,406.30	2,764,751.76	36.21999479	-107.69209534
4,933.00	10.10	242.730	4,350.12	468.27	-2,019.70	1,899,404.06	2,764,746.31	36.21998865	-107.69211383
4,965.00	9.74	228.960	4,381.65	465.21	-2,024.24	1,899,401.00	2,764,741.77	36.21998026	-107.69212923
4,997.00	10.82	215.990	4,413.14	461.00	-2,028.05	1,899,396.79	2,764,737.96	36.21996871	-107.69214216
5,028.00	12.07	201.240	4,443.53	455.62	-2,030.93	1,899,391.41	2,764,735.08	36.21995395	-107.69215196
5,060.00	13.75	187.390	4,474.73	448.73	-2,032.63	1,899,384.52	2,764,733.38	36.21993503	-107.69215777
5,091.00	15.23	176.870	4,504.74	441.01	-2,032.88	1,899,376.80	2,764,733.13	36.21991382	-107.69215866
5,123.00	16.37	167.570	4,535.54	432.41	-2,031.68	1,899,368.20	2,764,734.33	36.21989018	-107.69215463
5,154.00	18.05	157.380	4,565.16	423.71	-2,028.90	1,899,359.49	2,764,737.12	36.21986627	-107.69214522



Survey Report - Geographic



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Bettonnie Tsosie Wash Unit 306H
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 306H	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
5,186.00	19.78	147.880	4,595.44	414.54	-2,024.11	1,899,350.33	2,764,741.90	36.21984107	-107.69212904
5,218.00	21.76	143.020	4,625.36	405.22	-2,017.66	1,899,341.00	2,764,748.35	36.21981543	-107.69210722
5,249.00	24.02	137.010	4,653.92	396.01	-2,009.90	1,899,331.80	2,764,756.11	36.21979010	-107.69208096
5,281.00	26.98	134.980	4,682.80	386.11	-2,000.32	1,899,321.90	2,764,765.69	36.21976287	-107.69204854
5,312.00	29.52	133.900	4,710.10	375.84	-1,989.84	1,899,311.63	2,764,776.17	36.21973462	-107.69201306
5,344.00	31.81	133.230	4,737.63	364.60	-1,978.02	1,899,300.39	2,764,788.00	36.21970369	-107.69197302
5,375.00	34.54	135.200	4,763.57	352.76	-1,965.87	1,899,288.55	2,764,800.14	36.21967113	-107.69193189
5,407.00	37.16	135.840	4,789.51	339.39	-1,952.74	1,899,275.18	2,764,813.27	36.21963434	-107.69188745
5,438.00	40.41	135.630	4,813.67	325.49	-1,939.19	1,899,261.27	2,764,826.82	36.21959609	-107.69184158
5,470.00	43.37	134.680	4,837.49	310.34	-1,924.12	1,899,246.13	2,764,841.89	36.21955443	-107.69179056
5,502.00	46.38	132.600	4,860.16	294.77	-1,907.77	1,899,230.56	2,764,858.24	36.21951159	-107.69173523
5,533.00	49.90	129.950	4,880.85	279.56	-1,890.42	1,899,215.35	2,764,875.59	36.21946973	-107.69167647
5,565.00	53.94	128.940	4,900.58	263.56	-1,870.97	1,899,199.35	2,764,895.04	36.21942571	-107.69161061
5,596.00	57.92	129.340	4,917.95	247.36	-1,851.06	1,899,183.14	2,764,914.95	36.21938111	-107.69154318
5,628.00	61.91	129.580	4,933.98	229.76	-1,829.68	1,899,165.55	2,764,936.33	36.21933269	-107.69147081
5,660.00	65.74	129.810	4,948.10	211.42	-1,807.59	1,899,147.21	2,764,958.42	36.21928222	-107.69139600
5,691.00	69.04	130.810	4,960.01	192.91	-1,785.77	1,899,128.70	2,764,980.24	36.21923127	-107.69132213
5,723.00	72.43	132.870	4,970.57	172.76	-1,763.28	1,899,108.55	2,765,002.73	36.21917583	-107.69124596
330 ppd @ 5723.00 MD 4970.57 TVD - FTP @ 5723.00 MD 4970.57 TVD									
5,754.00	75.56	134.750	4,979.12	152.13	-1,741.78	1,899,087.92	2,765,024.23	36.21911908	-107.69117318
5,828.80	79.05	137.081	4,995.56	99.72	-1,691.03	1,899,035.51	2,765,074.98	36.21897489	-107.69100140
9 5/8" Shoe @ 5828.80 MD 4995.56 TVD									
5,870.00	80.98	138.340	5,002.70	69.70	-1,663.73	1,899,005.49	2,765,102.28	36.21889233	-107.69090900
5,902.00	81.25	137.650	5,007.64	46.21	-1,642.57	1,898,982.00	2,765,123.44	36.21882771	-107.69083739
5,933.00	82.11	138.170	5,012.13	23.45	-1,622.01	1,898,959.24	2,765,144.00	36.21876509	-107.69076780
5,964.00	85.34	139.630	5,015.52	0.23	-1,601.76	1,898,936.02	2,765,164.25	36.21870123	-107.69069925
5,996.00	87.78	140.320	5,017.44	-24.23	-1,581.22	1,898,911.56	2,765,184.79	36.21863396	-107.69062974
6,027.00	90.11	139.870	5,018.01	-48.00	-1,561.34	1,898,887.79	2,765,204.67	36.21856857	-107.69056245
6,090.00	91.52	139.240	5,017.11	-95.94	-1,520.47	1,898,839.85	2,765,245.54	36.21843671	-107.69042416
6,184.00	94.81	137.500	5,011.92	-166.08	-1,458.14	1,898,769.71	2,765,307.87	36.21824377	-107.69021317
6,278.00	93.35	135.060	5,005.23	-233.84	-1,393.34	1,898,701.95	2,765,372.67	36.21805738	-107.68999384
6,371.00	93.07	135.110	5,000.02	-299.59	-1,327.78	1,898,636.20	2,765,438.23	36.21787648	-107.68977191
6,465.00	93.62	134.680	4,994.54	-365.83	-1,261.30	1,898,569.96	2,765,504.71	36.21769426	-107.68954688
6,559.00	92.29	131.610	4,989.69	-430.01	-1,192.82	1,898,505.78	2,765,573.19	36.21751766	-107.68931503
6,654.00	89.18	131.960	4,988.47	-493.30	-1,122.00	1,898,442.49	2,765,644.01	36.21734351	-107.68907526
6,747.00	88.92	131.590	4,990.02	-555.25	-1,052.65	1,898,380.54	2,765,713.36	36.21717305	-107.68884048
6,841.00	88.46	133.630	4,992.16	-618.87	-983.49	1,898,316.92	2,765,782.52	36.21699800	-107.68860634
6,934.00	89.88	135.190	4,993.51	-683.94	-917.07	1,898,251.85	2,765,848.94	36.21681897	-107.68838148
7,028.00	90.27	135.720	4,993.39	-750.93	-851.13	1,898,184.86	2,765,914.88	36.21663467	-107.68815829
7,122.00	90.01	135.620	4,993.16	-818.17	-785.44	1,898,117.62	2,765,980.57	36.21644968	-107.68793595
7,217.00	89.88	135.880	4,993.25	-886.22	-719.15	1,898,049.57	2,766,046.86	36.21626247	-107.68771157
7,311.00	91.82	135.730	4,991.86	-953.61	-653.64	1,897,982.19	2,766,112.37	36.21607709	-107.68748980
7,405.00	91.65	135.770	4,989.01	-1,020.91	-588.07	1,897,914.88	2,766,177.93	36.21589194	-107.68726789
7,499.00	91.44	135.800	4,986.48	-1,088.25	-522.55	1,897,847.54	2,766,243.46	36.21570666	-107.68704609
7,593.00	91.63	136.640	4,983.96	-1,156.10	-457.53	1,897,779.69	2,766,308.48	36.21552002	-107.68682604
7,687.00	91.63	134.400	4,981.28	-1,223.13	-391.70	1,897,712.66	2,766,374.31	36.21533559	-107.68660321
7,781.00	91.61	133.770	4,978.63	-1,288.51	-324.21	1,897,647.28	2,766,441.80	36.21515572	-107.68637474
7,875.00	91.56	133.160	4,976.03	-1,353.14	-256.01	1,897,582.65	2,766,510.00	36.21497787	-107.68614388
7,969.00	91.00	132.840	4,973.93	-1,417.24	-187.28	1,897,518.56	2,766,578.73	36.21480152	-107.68591122
8,063.00	90.75	134.370	4,972.49	-1,482.06	-119.22	1,897,453.73	2,766,646.78	36.21462317	-107.68568084
8,157.00	89.68	135.720	4,972.14	-1,548.57	-52.81	1,897,387.22	2,766,713.20	36.21444016	-107.68545604
8,252.00	89.15	135.720	4,973.11	-1,616.58	13.51	1,897,319.21	2,766,779.52	36.21425305	-107.68523157
8,345.00	90.37	136.390	4,973.50	-1,683.54	78.05	1,897,252.25	2,766,844.06	36.21406884	-107.68501313
8,440.00	90.70	136.510	4,972.61	-1,752.39	143.50	1,897,183.40	2,766,909.51	36.21387943	-107.68479162
8,534.00	90.78	136.430	4,971.40	-1,820.54	208.24	1,897,115.25	2,766,974.24	36.21369196	-107.68457252



Survey Report - Geographic



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Bettonnie Tsosie Wash Unit 306H
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 306H	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
8,628.00	90.64	136.080	4,970.23	-1,888.44	273.23	1,897,047.35	2,767,039.23	36.21350515	-107.68435255
8,722.00	90.23	135.320	4,969.52	-1,955.71	338.88	1,896,980.08	2,767,104.88	36.21332007	-107.68413036
8,816.00	90.65	134.800	4,968.80	-2,022.25	405.27	1,896,913.54	2,767,171.28	36.21313701	-107.68390563
8,910.00	90.56	134.400	4,967.80	-2,088.25	472.20	1,896,847.55	2,767,238.20	36.21295542	-107.68367910
9,004.00	90.30	133.610	4,967.10	-2,153.55	539.81	1,896,782.24	2,767,305.81	36.21277575	-107.68345025
9,099.00	90.07	134.820	4,966.79	-2,219.80	607.90	1,896,716.00	2,767,373.90	36.21259347	-107.68321978
9,193.00	90.01	135.850	4,966.73	-2,286.65	673.97	1,896,649.14	2,767,439.98	36.21240954	-107.68299614
9,288.00	90.14	135.120	4,966.60	-2,354.39	740.58	1,896,581.40	2,767,506.58	36.21222316	-107.68277072
9,382.00	90.09	133.870	4,966.41	-2,420.27	807.63	1,896,515.52	2,767,573.63	36.21204190	-107.68254377
9,476.00	90.07	133.290	4,966.28	-2,485.07	875.72	1,896,450.72	2,767,641.72	36.21186360	-107.68231328
9,570.00	89.55	133.410	4,966.59	-2,549.60	944.07	1,896,386.20	2,767,710.08	36.21168605	-107.68208191
9,664.00	89.86	133.070	4,967.08	-2,613.99	1,012.55	1,896,321.80	2,767,778.56	36.21150886	-107.68185012
9,758.00	89.69	132.010	4,967.45	-2,677.54	1,081.81	1,896,258.25	2,767,847.81	36.21133398	-107.68161569
9,852.00	88.52	133.150	4,968.91	-2,741.13	1,151.01	1,896,194.66	2,767,917.02	36.21115899	-107.68138143
9,946.00	89.70	135.970	4,970.37	-2,807.07	1,217.97	1,896,128.72	2,767,983.98	36.21097756	-107.68115479
10,041.00	90.03	135.160	4,970.60	-2,874.91	1,284.48	1,896,060.89	2,768,050.49	36.21079093	-107.68092970
10,135.00	90.80	136.860	4,969.92	-2,942.53	1,349.76	1,895,993.26	2,768,115.77	36.21060487	-107.68070877
10,229.00	90.96	136.340	4,968.47	-3,010.82	1,414.34	1,895,924.97	2,768,180.35	36.21041700	-107.68049023
10,323.00	90.91	135.610	4,966.94	-3,078.40	1,479.66	1,895,857.39	2,768,245.66	36.21023107	-107.68026917
10,417.00	91.64	134.930	4,964.85	-3,145.17	1,545.80	1,895,790.63	2,768,311.80	36.21004738	-107.68004534
10,511.00	91.90	133.990	4,961.94	-3,210.97	1,612.86	1,895,724.82	2,768,378.86	36.20986631	-107.67981837
10,604.00	90.90	135.070	4,959.67	-3,276.17	1,679.13	1,895,659.62	2,768,445.14	36.20968692	-107.67959406
10,698.00	89.65	134.420	4,959.22	-3,342.34	1,745.89	1,895,593.46	2,768,511.90	36.20950485	-107.67936811
10,792.00	89.14	135.600	4,960.21	-3,408.81	1,812.34	1,895,526.98	2,768,578.35	36.20932195	-107.67914322
10,886.00	89.02	134.850	4,961.72	-3,475.53	1,878.54	1,895,460.26	2,768,644.54	36.20913838	-107.67891918
10,980.00	90.71	136.390	4,961.94	-3,542.71	1,944.28	1,895,393.08	2,768,710.29	36.20895355	-107.67869670
11,074.00	90.68	135.310	4,960.80	-3,610.15	2,009.75	1,895,325.64	2,768,775.75	36.20876799	-107.67847514
11,168.00	90.84	134.520	4,959.56	-3,676.52	2,076.31	1,895,259.28	2,768,842.31	36.20858540	-107.67824988
11,262.00	90.00	135.690	4,958.87	-3,743.10	2,142.65	1,895,192.69	2,768,908.66	36.20840219	-107.67802536
11,356.00	89.39	136.300	4,959.37	-3,810.71	2,207.96	1,895,125.08	2,768,973.96	36.20821617	-107.67780437
11,450.00	90.03	135.500	4,959.84	-3,878.21	2,273.37	1,895,057.58	2,769,039.37	36.20803044	-107.67758300
11,544.00	90.04	135.110	4,959.79	-3,945.04	2,339.48	1,894,990.76	2,769,105.49	36.20784659	-107.67735926
11,638.00	89.52	135.960	4,960.15	-4,012.12	2,405.33	1,894,923.68	2,769,171.33	36.20766201	-107.67713644
11,732.00	89.94	135.500	4,960.59	-4,079.43	2,470.94	1,894,856.37	2,769,236.94	36.20747682	-107.67691439
11,826.00	90.17	135.550	4,960.50	-4,146.50	2,536.80	1,894,789.29	2,769,302.80	36.20729227	-107.67669153
11,920.00	90.31	134.850	4,960.11	-4,213.20	2,603.03	1,894,722.60	2,769,369.03	36.20710875	-107.67646738
12,014.00	89.90	135.940	4,959.94	-4,280.12	2,669.04	1,894,655.67	2,769,435.04	36.20692461	-107.67624400
12,109.00	90.15	134.960	4,959.89	-4,347.82	2,735.68	1,894,587.97	2,769,501.68	36.20673834	-107.67601847
12,203.00	90.88	138.450	4,959.05	-4,416.23	2,800.13	1,894,519.57	2,769,566.13	36.20655014	-107.67580039
12,297.00	91.04	137.870	4,957.47	-4,486.25	2,862.83	1,894,449.55	2,769,628.83	36.20635751	-107.67558827
12,391.00	91.52	137.190	4,955.37	-4,555.57	2,926.28	1,894,380.23	2,769,692.28	36.20616680	-107.67537357
12,485.00	91.17	136.380	4,953.17	-4,624.05	2,990.63	1,894,311.74	2,769,756.63	36.20597837	-107.67515583
12,521.00	90.70	136.300	4,952.58	-4,650.09	3,015.48	1,894,285.70	2,769,781.48	36.20590673	-107.67507175
Survey @ 12521.00 MD 4952.58 TVD									
12,525.80	90.70	136.300	4,952.52	-4,653.56	3,018.79	1,894,282.23	2,769,784.79	36.20589718	-107.67506053
LTP @ 12525.80 MD 4952.52 TVD									
12,554.00	90.70	136.300	4,952.18	-4,673.95	3,038.27	1,894,261.85	2,769,804.27	36.20584109	-107.67499460
330 ppd @ 12554.00 MD 4952.18 TVD									
12,580.00	90.70	136.300	4,951.86	-4,692.75	3,056.24	1,894,243.05	2,769,822.24	36.20578938	-107.67493382
Survey proj. to 12580 MD 4951.86 TVD 210 FSL 827 FWL									



Survey Report - Geographic



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Betonnie Tsosie Wash Unit 306H
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 306H	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	-4.28	3.55	MWD surveys
5,723.00	4,970.57	172.76	-1,763.28	330 ppd @ 5723.00 MD 4970.57 TVD
5,723.00	4,970.57	172.76	-1,763.28	FTP @ 5723.00 MD 4970.57 TVD
5,828.80	4,995.56	99.72	-1,691.03	9 5/8" Shoe @ 5828.80 MD 4995.56 TVD
12,521.00	4,952.58	-4,650.09	3,015.48	Survey @ 12521.00 MD 4952.58 TVD
12,525.80	4,952.52	-4,653.56	3,018.79	LTP @ 12525.80 MD 4952.52 TVD
12,554.00	4,952.18	-4,673.95	3,038.27	330 ppd @ 12554.00 MD 4952.18 TVD
12,580.00	4,951.86	-4,692.75	3,056.24	Survey proj. to 12580 MD 4951.86 TVD 210 FSL 827 FWL

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	834	832	G,W
T. 7 Rivers				T. Fruitland	1027	1020	G,W
T. Queen				T. Pictured Cliffs	1407	1373	G, W
T. Grayburg				T. Lewis Shale	1559	1506	G,W
T. San Andres				T. Chacra	1851	1745	G, W
T. Glorieta				T. Cliff House	3205	2840	G,W
T. Yeso				T. Menefee	3242	2870	G, W
T. Paddock				T. Point Lookout	4379	3790	G,W
T. Blinebry				T. Mancos	4617	3983	O, G
T.Tubb				T. Gallup	5365	4659	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

07/23/2024

Operator Name DJR OPERATING LLC	Well Name BETONNIE TSOSIE WASH UNIT	Well Number 306H	US Well Number 3004538328
SHL NWNE Sec 21 23N 8W	County SAN JUAN	State NM	Lease Number(s) NMNM136161
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 10400081325

Section 1 - General

Well Completion Report Id: 92340**Submission Date:** 07-18-2024**BLM Office:** Farmington Field Office**User:** SHAW-MARIE FORD**Title:** Regulatory Specialist**Federal/Indian:** FEDERAL**Lease Number:** NMNM136161**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:** 04-04-2024**Date Total Measured Depth Reached:** 05-15-2024**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 306H	US Well Number 3004538328
SHL NWNE Sec 21 23N 8W	County SAN JUAN	State NM	Lease Number(s) NMNM136161
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 10400081325

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		5978	832	834	NONE	
FRUITLAND	COAL		5782	1020	1027	NATURAL GAS	
PICTURED CLIFFS	SANDSTONE		5500	1373	1407	USEABLE WATER	
LEWIS	SHALE		5387	1506	1559	NONE	
CHACRA	SANDSTONE		4753	1745	1851	NONE	
MENEFEE	COAL, SANDSTONE		4001	2870	3242	NATURAL GAS	
POINT LOOKOUT	SANDSTONE		3070	3790	4379	NONE	
MANCOS	SHALE		2891	3983	4617	NONE	
GALLUP	SANDSTONE		1976	4659	5365	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
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Operator Name DJR OPERATING LLC	Well Name BETONNIE TSOSIE WASH UNIT	Well Number 306H	US Well Number 3004538328
SHL NWNE Sec 21 23N 8W	County SAN JUAN	State NM	Lease Number(s) NMNM136161
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 10400081325

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	NMNM136161	NEW		POW	06-30-2024	07-04-2024	GALLUP	5753	12506	Y	.3	1029	OPEN

Treatment Data

Wellbore Code	Completion Code	Interval Number	Interval Treated?	Treatment Type	Totle Fluid (bbls)	Total Proppant (lbs)	Treatment Remarks
00	S1	1	Y	FRAC	86185	6814087	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 306H	US Well Number 3004538328
SHL NWNE Sec 21 23N 8W	County SAN JUAN	State NM	Lease Number(s) NMNM136161
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 10400081325

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	07/07/2024	24	408	18168	503	44529	50/64	192		799

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	36.218694	-107.685269	6837	N/A	N/A	FEDERAL	NMNM76842				425	FNL	2054	FEL	23N	8W	21	NWNE
KOP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.218694	-107.685269	6466	371	371	FEDERAL	NMNM76842				425	FNL	2054	FEL	23N	8W	21	NWNE
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.21578	-107.687152	1885	12506	4952	FEDERAL	NMNM76842				1494	FNL	2646	FEL	23N	8W	21	SWNE
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.219176	-107.691246	1884	5753	4953	FEDERAL	NMNM118132				254	FNL	1469	FWL	23N	8W	21	NENW

Operator Name DJR OPERATING LLC	Well Name BETONNIE TSOSIE WASH UNIT	Well Number 306H	US Well Number 3004538328
SHL NWNE Sec 21 23N 8W	County SAN JUAN	State NM	Lease Number(s) NMNM136161
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	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
EXIT Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.205841	-107.674995	1885	12506	4952	FEDERAL	NMNM50999				230	FSL	811	FWL	23N	8W	22	SWSW
BHL Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.205789	-107.674934	1885	12580	4952	FEDERAL	NMNM50999	4952	12552		211	FSL	828	FWL	23N	8W	22	SWSW

Casing, Liner and Tubing

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	365	9.625	36	K-55		ST&C		
00	INTERMEDIATE	8.75	0	5828	7.0	26	K-55		LT&C		

Operator Name DJR OPERATING LLC	Well Name BETONNIE TSOSIE WASH UNIT	Well Number 306H	US Well Number 3004538328
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Allottee/Tribe Name	Well Pad Name BETONNIE TSOSIE WASH UNIT	Well Pad Number 305H, 306H, 721H	APD ID 10400081325

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	LINER	6.125	5671	12565	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	552	2.14	0	III	164	1.71	4026	260.3
00	LINER		G	573	1.52	5671					155.1

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		6018	5671	6	L-80		ST&C	

Operator Name DJR OPERATING LLC	Well Name BETONNIE TSOSIE WASH UNIT	Well Number 306H	US Well Number 3004538328
SHL NWNE Sec 21 23N 8W	County SAN JUAN	State NM	Lease Number(s) NMNM136161
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 10400081325

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 306H	US Well Number 3004538328
SHL NWNE Sec 21 23N 8W	County SAN JUAN	State NM	Lease Number(s) NMNM136161
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 10400081325

BTWU_306H_Svys_Final_2_20240718125746.pdf

AsDrilled_Survey_and_WBD_BLM_20240718125754.pdf

CONFIDENTIAL

From: blm-afmss-notifications@blm.gov
To: [Shaw Ford](#)
Subject: Well Name: BETONNIE TSOSIE WASH UNIT, Well Number: 306H, Notification of Well Completion Acceptance
Date: Monday, July 22, 2024 1:54:38 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: **306H**
- US Well Number: **3004538328**
- Well Completion Report Id: **WCR2024072292340**

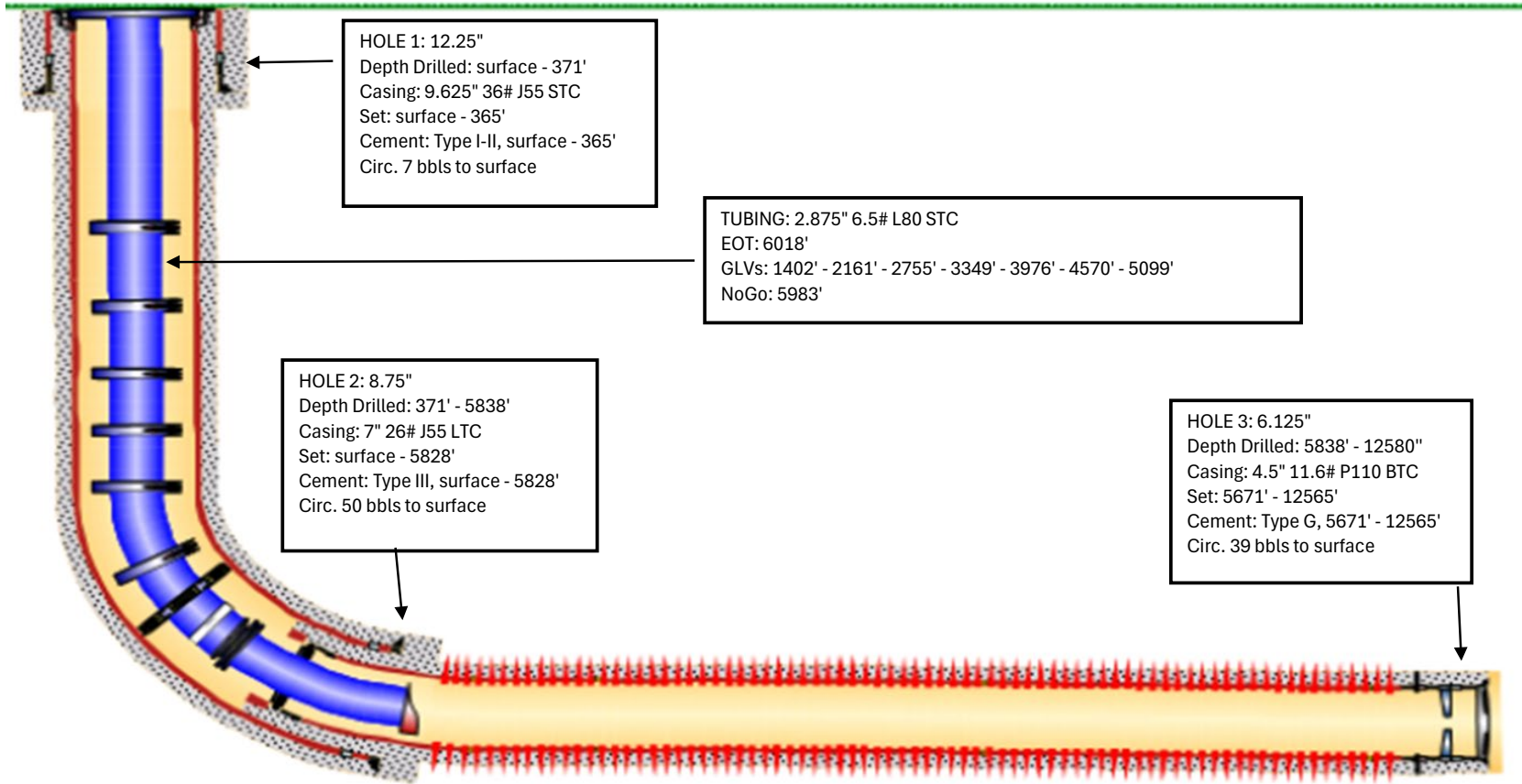
This notification is automatically generated. Please do not reply to this message as this account is not monitored.

BETONNIE TSOSIE WASH UNIT 306H

API: 30-045-38328
 SHL: NWNE B-21-23N-08W
 425' FNL x 2054' FEL

Page 27 of 29
 Elevation: 6837' GL
 Spud Date: 4/4/2024
 Completed Date: 6/30/2024

FORMATION	MD	TVD
Ojo Alamo	762'	762'
Kirtland	834'	832'
Fruitland	1027'	1020'
Pictured Cliffs	1407'	1373'
Lewis	1559'	1506'
Chacra	1851'	1745'
Menefee	3242'	2870'
Point Lookout	4379'	3790'
Mancos	4617'	3983'
KOP~	4680'	4108'
Gallup	5365'	4659'



Perf:	34 Stages	Frac:	34 Stages
Depth:	5753' - 12506' MD	86,185	bbls of fluid
	4953' - 5018' TVD	6,814,087	lbs of proppant
		0	N2
Total of 1029 Open Holes			

(NAD83)	LAT.	LONG.
SHL:	36.218694	-107.685269
FTP:	36.219176	-107.691246
LTP:	36.205841	-107.674995
BHL:	36.205789	-107.674934

BHL: SWSW M-22-23N-08W
 211' FSL x 828' FWL

12,580'	TD
4,952'	TVD
12,552'	PBTD
12,525'	FracSleeve

District I
1625 N. French Dr., Hobbs, NM 88240
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District II
811 S. First St., Artesia, NM 88210
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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 386136

ACKNOWLEDGMENTS

Operator: DJR OPERATING, LLC 200 Energy Court Farmington, NM 87401	OGRID: 371838
	Action Number: 386136
	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.

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CONDITIONS

Action 386136

CONDITIONS

Operator: DJR OPERATING, LLC 200 Energy Court Farmington, NM 87401	OGRID: 371838
	Action Number: 386136
	Action Type: [C-104] Completion Packet - New Well (C-104NW)

CONDITIONS

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