

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address DJR Operating, LLC 200 Energy Court Farmington, NM 87401		² OGRID Number 371838	
		³ Reason for Filing Code/ Effective Date RT	
⁴ API Number 30-045-38328	⁵ Pool Name Bettonnie Tsosie Wash Unit Mancos Oil		⁶ Pool Code 98175
⁷ Property Code 325179	⁸ Property Name Bettonnie Tsosie Wash Unit		⁹ Well Number 306H

II. ¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	21	23N	08W		425'	North	2054'	East	San Juan

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	22	23N	08W		211'	South	828'	West	San Juan
¹² Lse Code F	¹³ Producing Method Code: F	¹⁴ Gas Connection Date TBD	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
248440	Western Refining Company, LP 6500 Townbridge Drive, El Paso, TX 79905	O
151618	Enterprise Field Services, LLC Post Office Box 4503, Houston, TX 77001	G

IV. Well Completion Data

²¹ Spud Date 4/4/2024	²² Ready Date 6/20/2024	²³ TD 12,580' MD 4,952' TVD	²⁴ PBTD 12,552' MD 4,952' TVD	²⁵ Perforations 5,833' – 12,506' MD 4,952' – 5,018' TVD FracSleeve @ 12,525'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
12.25"	9.625" 36# J55	365'	109		
8.75"	7" 26# J55	5,828'	716		
6.125"	4.5" 11.6# P110	TOL: 5,671' BOL: 12,565'	573		

V. Well Test Data

³¹ Date New Oil	³² Gas Delivery Date	³³ Test Date	³⁴ Test Length	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
³⁷ Choke Size	³⁸ Oil	³⁹ Water	⁴⁰ Gas		⁴¹ Test Method

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Shaw-Marie Ford</i>		OIL CONSERVATION DIVISION Approved by: <i>PATRICIA MARTINEZ</i>	
Printed name: Shaw-Marie Ford		Title: <i>PETROLEUM SPECIALIST</i>	
Title: Regulatory Specialist		Approval Date: <i>6/18/2024</i>	
E-mail Address: sford@enduringresources.com		<i>RT EXPIRES 9/20/2024</i>	
Date: 6/6/2024	Phone: 505-716-3297		

DISTRICT I
1625 N. French Dr., Hobbs, N.M. 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

DISTRICT II
811 S. First St., Artesia, N.M. 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised August 1, 2011

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate
District Office

☐ AMENDED REPORT

☒ AS DRILLED

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-38328	² Pool Code 98175	³ Pool Name BETONNIE TSOSIE WASH UNIT MANCOS OIL POOL
⁴ Property Code 325179	⁵ Property Name BETONNIE TSOSIE WASH UNIT	⁶ Well Number 306H
⁷ GRID No. 371838	⁸ Operator Name DJR OPERATING, LLC	⁹ Elevation 6837'

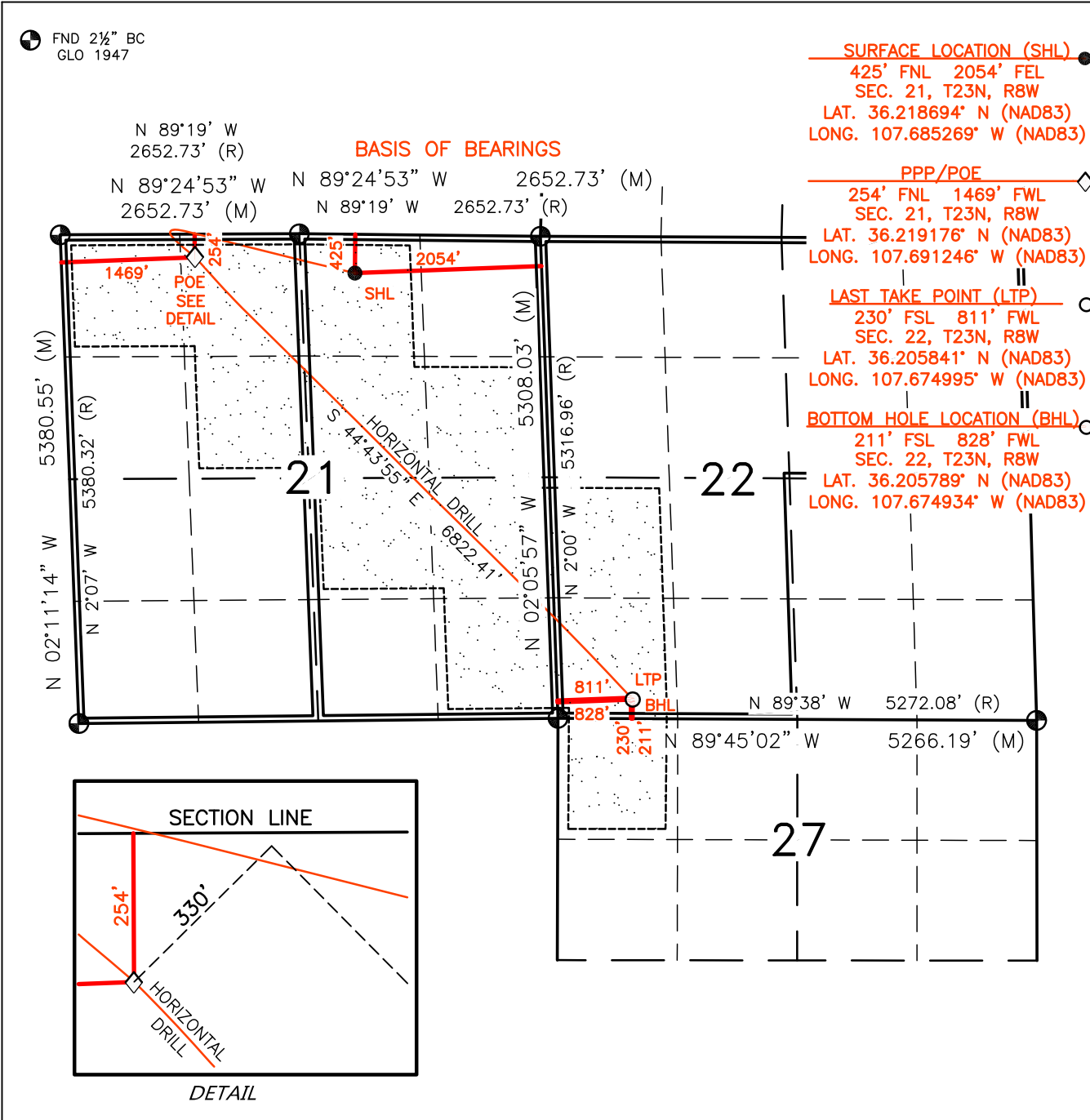
¹⁰ Surface Location									
UL or lot no. B	Section 21	Township 23N	Range 8W	Lot Idn	Feet from the 425'	North/South line NORTH	Feet from the 2054'	East/West line EAST	County SAN JUAN

¹¹ Bottom Hole Location If Different From Surface									
UL or lot no. M	Section 22	Township 23N	Range 8W	Lot Idn	Feet from the 211'	North/South line SOUTH	Feet from the 828'	East/West line WEST	County SAN JUAN

¹² 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	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. R-13930 R-13930A
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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

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18 **17 OPERATOR CERTIFICATION**

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Shaw-Marie Ford 6/6/24
Signature Date

Shaw-Marie Ford
Printed Name

sford@enduringresources.com
E-mail Address

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

MAY 31, 2024

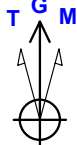
Date of Survey
Signature and Seal of Professional Surveyor:



Certificate Number 11393



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

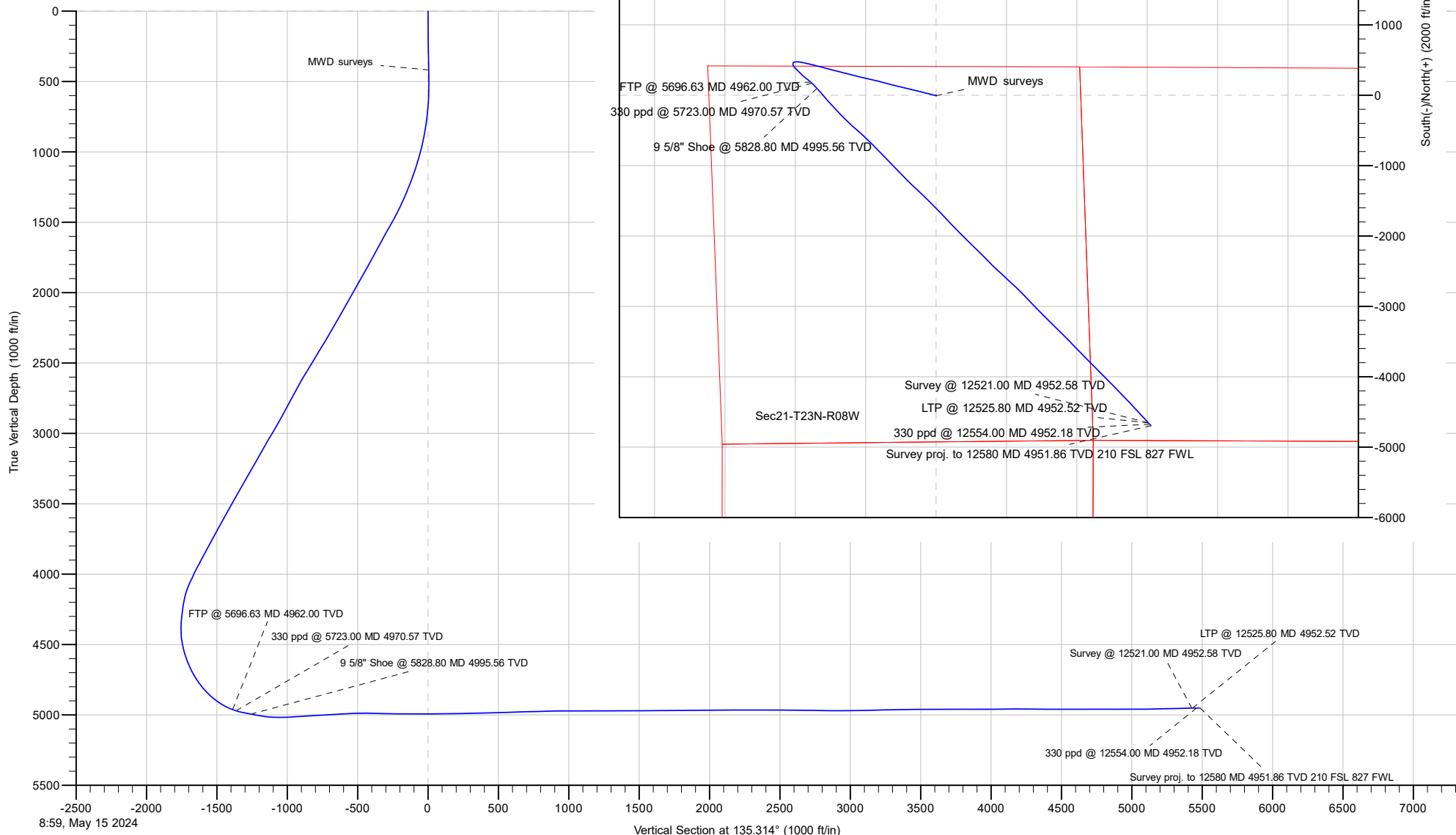
Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: New Mexico Western Zone
System Datum: Mean Sea Level
Depth Reference: RKB=6837+25 @ 6862.00ft (Aztec 1000)

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
5696.63	69.63	131.179	4962.00	189.45	-1781.80	-1387.89	FTP @ 5696.63 MD 4962.00 TVD
5723.00	72.43	132.870	4970.57	172.76	-1763.28	-1382.80	330 ppd @ 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



8:59, May 15 2024

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_Mar1724_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 "		

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
Grid Convergence:		0.09 °				

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	5/15/2024			
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_Mar1724_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_Mar1724_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
5,696.63	69.63	131.179	4,962.00	189.45	-1,781.80	-1,387.69	12.21	10.56	6.55
FTP @ 5696.63 MD 4962.00 TVD									
5,723.00	72.43	132.870	4,970.57	172.76	-1,763.28	-1,362.80	12.21	10.60	6.41
330 ppd @ 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



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_Mar1724_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)	
6,090.00	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	
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	



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_Mar1724_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)
10,229.00	90.96	136.340	4,968.47	-3,010.82	1,414.34	3,135.20	0.58	0.17	-0.55
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_Mar1724_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
5,696.63	4,962.00	189.45	-1,781.80	FTP @ 5696.63 MD 4962.00 TVD
5,723.00	4,970.57	172.76	-1,763.28	330 ppd @ 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 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_Mar1724_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	Bettonnie 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	Bettonnie 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	5/15/2024			
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_Mar1724_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_Mar1724_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
5,696.63	69.63	131.179	4,962.00	189.45	-1,781.80	1,899,125.24	2,764,984.21	36.21922176	-107.69130866
FTP @ 5696.63 MD 4962.00 TVD									
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									
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



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_Mar1724_v17

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
8,440.00	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
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_Mar1724_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
5,696.63	4,962.00	189.45	-1,781.80	FTP @ 5696.63 MD 4962.00 TVD
5,723.00	4,970.57	172.76	-1,763.28	330 ppd @ 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

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 355409

ACKNOWLEDGMENTS

Operator: DJR OPERATING, LLC 200 Energy Court Farmington, NM 87401	OGRID: 371838
	Action Number: 355409
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

☒	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
☒	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

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CONDITIONS

Action 355409

CONDITIONS

Operator: DJR OPERATING, LLC 200 Energy Court Farmington, NM 87401	OGRID: 371838
	Action Number: 355409
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	RT EXPIRES 9/20/2024.	6/18/2024