

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 721H	Property Code: 325179
Mineral Owner: ☐ State ☐ Fee ☒ Tribal ☒ Federal	API Number: 30-045-38329
Pool Name: BETONNIE TSOSIE WASH UNIT MANCOS OIL	Pool Code: 98175

Section 2 – Surface Location

UL B	Section 21	Township 23N	Range 8W	Lot	Ft. from N/S 387' NORTH	Ft. from E/W 2064' EAST	Latitude 36.218799	Longitude -107.685308	County SAN JUAN
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Section 3 – Completion Information

Producing Method FLOWING	Ready Date 6/22/2024	Perforations MD 5507' – 11691'	Perforations TVD 4989' – 5024'
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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): 371838	Communitization Agreement ☐ Yes ☒ No, Order No.
Surface Casing Action ID: 355221	Unit: ☒ Yes ☐ No, Order No. R-13930 / R-13930A
Intermediate 1 Casing Action ID: 344039	Compulsory Pooling: ☐ Yes ☒ No, Order No.
Intermediate 2 Casing Action ID:	Down Hole Commingling: ☐ Yes ☒ No, Order No.
Production Casing Action ID: 349289	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: 349289	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 30-045-38329	Pool Code 98175	Pool Name BETONNIE TSOSIE WASH UNIT MANCOS OIL POOL
Property Code 325179	Property Name BETONNIE TSOSIE WASH UNIT	Well Number 721H
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		387' NORTH	2064' EAST	36.218799° N	107.685308° 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
O	22	23N	8W		622' SOUTH	1453' EAST	36.206869° N	107.664854° W	SAN JUAN

Dedicated Acres PENETRATED SPACING UNIT; SEC 21: NE/NE (40 AC.); SEC 22: NW/NW, SW/NW, SE/NW, NE/SW, NW/SE, SW/SE & SE/SE (280 AC.) = 320 ACRES	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N) N	Consolidation Code U
Order Numbers:		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
P	16	23N	8W		24' SOUTH	713' EAST	36.219884° N	107.680764° 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
A	21	23N	8W		244' NORTH	410' EAST	36.219140° N	107.679711° W	SAN JUAN

Last Take Point (LTP)

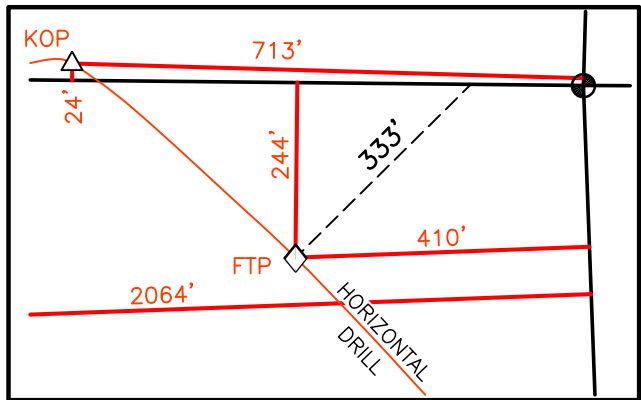
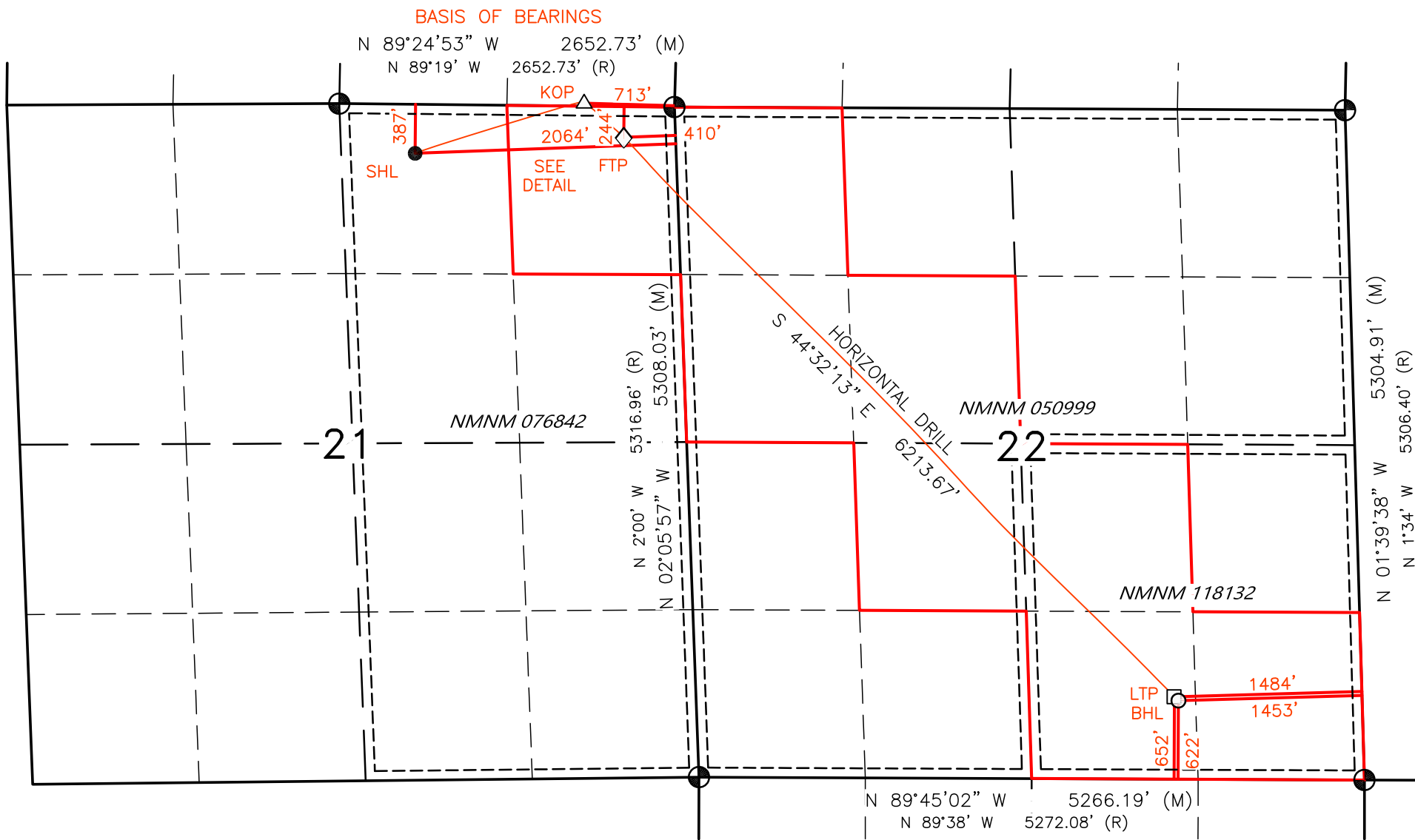
UL	Section	Township	Range	Lot	Ft from the N/S	Ft from the E/W	Latitude	Longitude	County
O	22	23N	8W		652' SOUTH	1484' EAST	36.206953° N	107.664962° W	SAN JUAN

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>MARCH 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



DETAIL

SURFACE LOCATION (SHL)
387' FNL 2064' FEL
SEC. 21, T23N, R8W
LAT. 36.218799° N (NAD83)
LONG. 107.685308° W (NAD83)

FIRST TAKE POINT (FTP)
244' FNL 410' FEL
SEC. 21, T23N, R8W
LAT. 36.219140° N (NAD83)
LONG. 107.679711° W (NAD83)

BOTTOM HOLE LOCATION (BHL)
622' FSL 1453' FEL
SEC. 22, T23N, R8W
LAT. 36.206869° N (NAD83)
LONG. 107.664854° W (NAD83)

KICK OFF POINT (KOP)
24' FSL 713' FEL
SEC. 16, T23N, R8W
LAT. 36.219884° N (NAD83)
LONG. 107.680764° W (NAD83)

LAST TAKE POINT (LTP)
652' FSL 1484' FEL
SEC. 22, T23N, R8W
LAT. 36.206953° N (NAD83)
LONG. 107.664962° W (NAD83)



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

ANNOTATIONS SURVEYS



Azimuths to Grid North
True North: -0.09°
Magnetic North: 8.39°

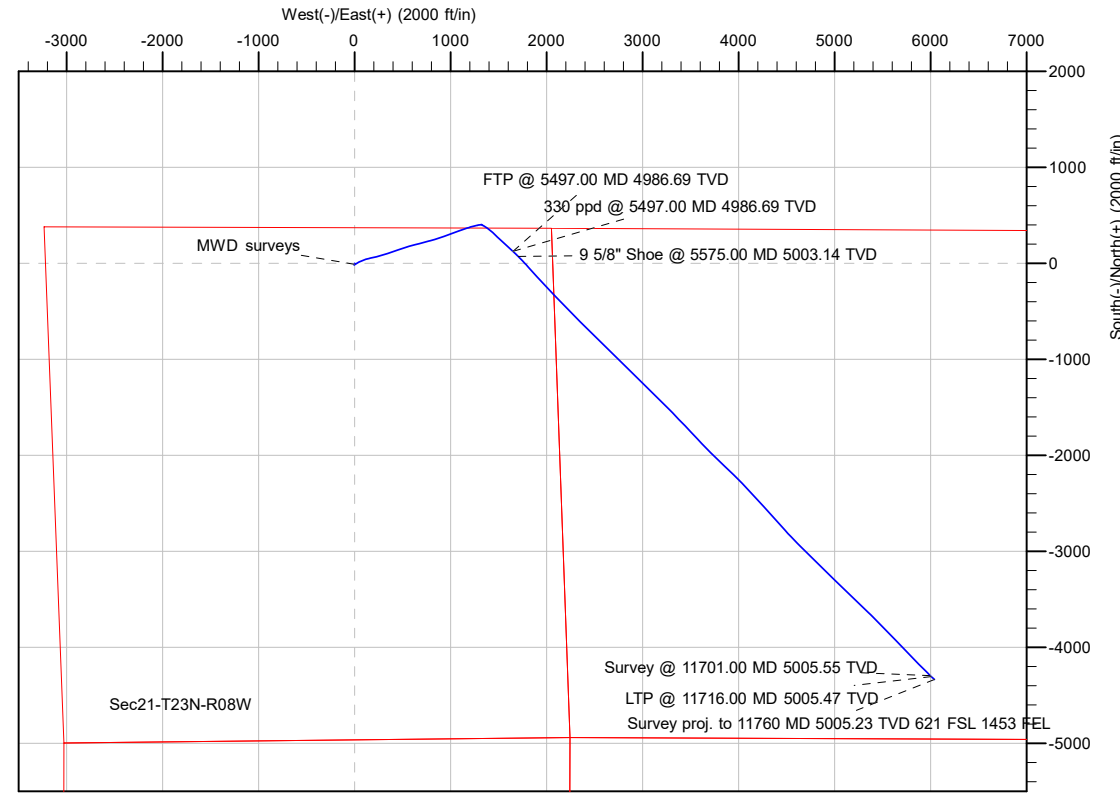
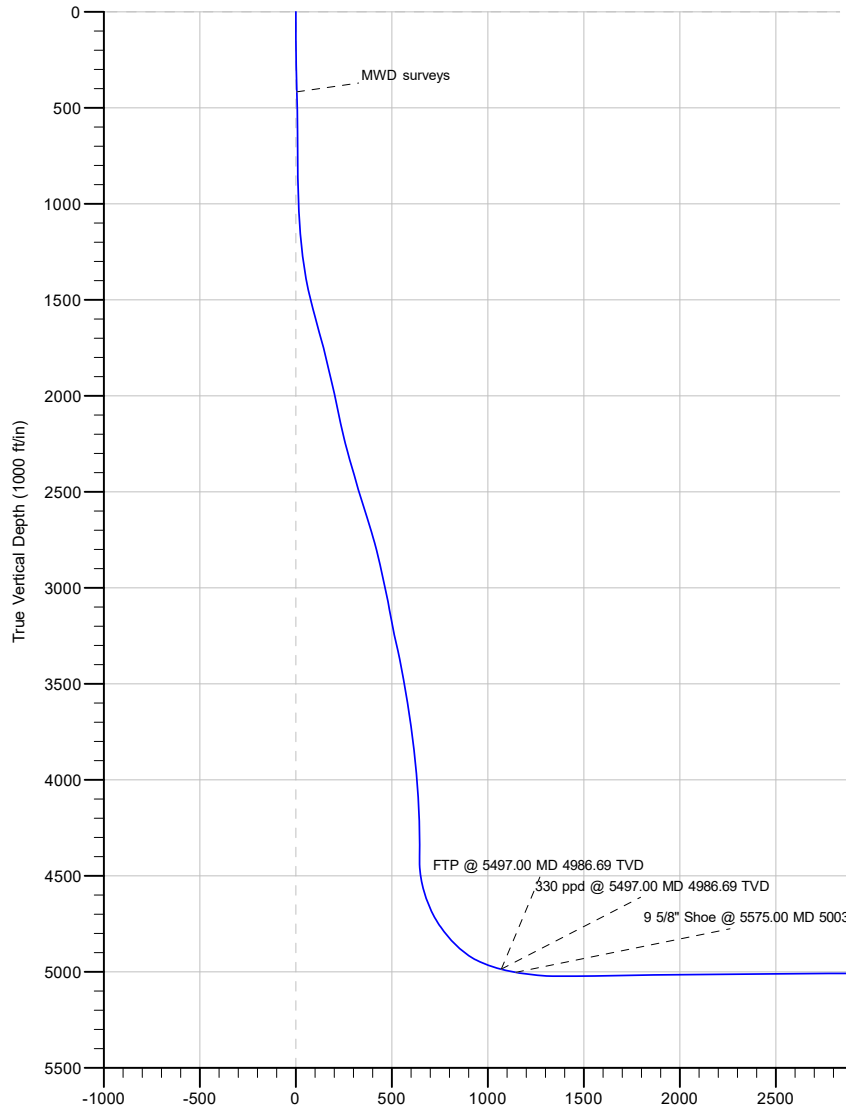
Magnetic Field
Strength: 49027.2nT
Dip Angle: 62.69°
Date: 3/24/2024
Model: IGRF2020

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 1898973.99 Easting 2766755.03 Latitude 36.21879900 Longitude -107.68530600

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

MD	Inc	Azi	TVD	+N/-S	+E/-W	Vsect	Annotation
418.00	2.62	188.320	417.85	-9.45	-1.38	5.75	MWD surveys
5497.00	76.15	133.420	4986.69	126.52	1650.17	1070.52	330 ppd @ 5497.00 MD 4986.69 TVD
5497.00	76.15	133.420	4986.69	126.52	1650.17	1070.52	FTP @ 5497.00 MD 4986.69 TVD
5575.00	79.39	135.031	5003.14	73.34	1704.79	1146.74	9 5/8" Shoe @ 5575.00 MD 5003.14 TVD
11701.00	90.31	133.550	5005.55	-4292.25	5997.38	7269.20	Survey @ 11701.00 MD 5005.55 TVD
11716.00	90.31	133.550	5005.47	-4302.59	6008.25	7284.19	LTP @ 11716.00 MD 5005.47 TVD
11760.00	90.31	133.550	5005.23	-4332.90	6040.14	7328.17	Survey proj. to 11760 MD 5005.23 TVD 621 FSL 1453 FEL



Vertical Section at 135.312° (1000 ft/in)



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Betonnie Tsosie Wash Unit 721H
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 721H	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	"

Well	Betonnie Tsosie Wash Unit 721H, Surf loc: 387 FNL 2064 FEL Section 21-T23N-R08W					
Well Position	+N/-S	0.00 ft	Northing:	1,898,973.99 usft	Latitude:	36.21879900
	+E/-W	0.00 ft	Easting:	2,766,755.03 usft	Longitude:	-107.68530600
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	49,027.24619647

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	135.312	

Survey Program	Date	6/19/2024			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
418.00	5,501.00	MWD int (Original Hole)	MWD	OWSG MWD - Standard	
5,611.00	11,701.00	MWD (Original Hole)	MWD	OWSG MWD - Standard	
11,760.00	11,760.00	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	
418.00	2.62	188.320	417.85	-9.45	-1.38	5.75	0.63	0.63	0.00	
MWD surveys										
513.00	2.58	194.430	512.76	-13.67	-2.23	8.15	0.29	-0.04	6.43	
607.00	1.28	197.330	606.70	-16.73	-3.07	9.73	1.39	-1.38	3.09	
702.00	0.73	23.820	701.70	-17.18	-3.14	10.01	2.11	-0.58	-182.64	
797.00	3.01	52.730	796.64	-15.12	-0.91	10.11	2.52	2.40	30.43	
892.00	6.47	55.110	891.30	-10.55	5.47	11.34	3.65	3.64	2.51	



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Betonnie Tsosie Wash Unit 721H
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 721H	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	9.80	55.880	985.33	-2.95	16.55	13.74	3.51	3.51	0.81
1,081.00	13.15	60.810	1,077.44	6.76	32.51	18.06	3.71	3.56	5.24
1,173.00	15.66	64.890	1,166.54	17.13	52.90	25.02	2.94	2.73	4.43
1,265.00	17.21	67.200	1,254.78	27.68	76.69	34.26	1.83	1.68	2.51
1,357.00	19.10	69.960	1,342.20	38.11	103.38	45.61	2.26	2.05	3.00
1,447.00	22.32	75.160	1,426.38	47.54	133.74	60.26	4.12	3.58	5.78
1,538.00	26.04	76.810	1,509.38	56.52	169.91	79.30	4.15	4.09	1.81
1,628.00	27.33	75.760	1,589.80	66.11	209.17	100.09	1.53	1.43	-1.17
1,719.00	28.13	78.190	1,670.35	75.64	250.42	122.33	1.52	0.88	2.67
1,810.00	28.65	73.280	1,750.41	86.31	292.31	144.21	2.63	0.57	-5.40
1,899.00	28.84	71.530	1,828.45	99.25	333.11	163.70	0.97	0.21	-1.97
1,994.00	27.80	71.550	1,912.08	113.52	375.86	183.61	1.09	-1.09	0.02
2,089.00	27.10	70.540	1,996.38	127.74	417.27	202.63	0.88	-0.74	-1.06
2,183.00	26.53	70.330	2,080.27	141.94	457.23	220.63	0.61	-0.61	-0.22
2,278.00	26.25	70.290	2,165.37	156.17	496.99	238.48	0.30	-0.29	-0.04
2,373.00	28.58	73.960	2,249.70	169.53	538.61	258.25	3.03	2.45	3.86
2,468.00	29.94	74.850	2,332.58	182.01	583.34	280.83	1.50	1.43	0.94
2,563.00	30.33	74.940	2,414.74	194.44	629.38	304.38	0.41	0.41	0.09
2,658.00	31.27	75.270	2,496.34	206.94	676.39	328.55	1.01	0.99	0.35
2,752.00	32.15	75.200	2,576.31	219.53	724.17	353.19	0.94	0.94	-0.07
2,847.00	32.35	75.410	2,656.65	232.39	773.20	378.53	0.24	0.21	0.22
2,942.00	30.17	73.780	2,737.86	245.46	820.73	402.66	2.46	-2.29	-1.72
3,037.00	28.22	72.620	2,820.79	258.84	865.09	424.35	2.14	-2.05	-1.22
3,132.00	27.28	70.950	2,904.86	272.66	907.11	444.07	1.28	-0.99	-1.76
3,227.00	27.41	70.250	2,989.24	287.15	948.26	462.71	0.37	0.14	-0.74
3,322.00	26.51	68.760	3,073.92	302.22	988.61	480.37	1.18	-0.95	-1.57
3,417.00	25.49	68.360	3,159.30	317.44	1,027.37	496.81	1.09	-1.07	-0.42
3,512.00	25.39	72.000	3,245.10	331.27	1,065.75	513.96	1.65	-0.11	3.83
3,606.00	25.53	71.920	3,329.97	343.79	1,104.17	532.09	0.15	0.15	-0.09
3,701.00	24.18	70.880	3,416.17	356.52	1,142.01	549.65	1.49	-1.42	-1.09
3,796.00	21.45	71.420	3,503.73	368.42	1,176.87	565.70	2.88	-2.87	0.57
3,890.00	19.12	72.720	3,591.89	378.48	1,207.86	580.35	2.52	-2.48	1.38
3,985.00	17.00	75.360	3,682.21	386.61	1,236.16	594.47	2.39	-2.23	2.78
4,080.00	13.67	74.960	3,773.81	393.03	1,260.45	606.98	3.51	-3.51	-0.42
4,174.00	11.63	79.630	3,865.53	397.62	1,280.49	617.81	2.43	-2.17	4.97
4,269.00	9.21	83.060	3,958.96	400.26	1,297.46	627.87	2.63	-2.55	3.61
4,364.00	6.66	79.000	4,053.04	402.23	1,310.42	635.58	2.75	-2.68	-4.27
4,459.00	4.44	77.040	4,147.59	404.11	1,319.41	640.57	2.35	-2.34	-2.06
4,554.00	1.60	89.680	4,242.45	404.94	1,324.32	643.43	3.05	-2.99	13.31
4,649.00	1.42	217.010	4,337.43	404.01	1,324.94	644.53	2.85	-0.19	134.03
4,680.00	1.30	217.010	4,368.42	403.42	1,324.50	644.64	0.39	-0.39	0.00
4,712.00	0.55	245.580	4,400.42	403.07	1,324.14	644.64	2.68	-2.34	89.28
4,744.00	0.96	107.820	4,432.42	402.92	1,324.26	644.82	4.43	1.28	-430.50



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Betonnie Tsosie Wash Unit 721H
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 721H	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)
4,775.00	4.58	114.870	4,463.38	402.32	1,325.63	646.21	11.71	11.68	22.74
4,807.00	8.27	116.360	4,495.17	400.76	1,328.85	649.59	11.54	11.53	4.66
4,838.00	11.17	115.550	4,525.72	398.48	1,333.56	654.52	9.37	9.35	-2.61
4,870.00	14.21	117.480	4,556.94	395.33	1,339.84	661.18	9.59	9.50	6.03
4,901.00	17.12	120.900	4,586.78	391.23	1,347.13	669.22	9.84	9.39	11.03
4,933.00	19.54	121.910	4,617.16	385.98	1,355.72	678.99	7.63	7.56	3.16
4,965.00	22.47	122.120	4,647.03	379.90	1,365.44	690.15	9.16	9.16	0.66
4,996.00	25.25	123.750	4,675.37	373.07	1,375.96	702.40	9.22	8.97	5.26
5,028.00	27.96	125.310	4,703.98	364.94	1,387.76	716.48	8.74	8.47	4.88
5,059.00	30.98	126.920	4,730.97	355.95	1,400.07	731.53	10.07	9.74	5.19
5,091.00	33.65	128.750	4,758.01	345.45	1,413.57	748.49	8.89	8.34	5.72
5,122.00	36.08	131.110	4,783.45	334.07	1,427.15	766.13	8.96	7.84	7.61
5,144.00	39.24	133.160	4,800.86	325.05	1,437.11	779.55	15.45	14.36	9.32
5,186.00	42.00	135.150	4,832.74	306.00	1,456.71	806.88	7.26	6.57	4.74
5,217.00	44.95	135.120	4,855.23	290.88	1,471.76	828.21	9.52	9.52	-0.10
5,249.00	48.28	133.680	4,877.21	274.62	1,488.38	851.46	10.91	10.41	-4.50
5,280.00	51.46	132.080	4,897.19	258.50	1,505.75	875.13	10.99	10.26	-5.16
5,312.00	55.50	131.700	4,916.23	241.33	1,524.89	900.80	12.66	12.63	-1.19
5,343.00	60.13	131.850	4,932.74	223.86	1,544.45	926.98	14.94	14.94	0.48
5,375.00	64.73	132.510	4,947.54	204.81	1,565.46	955.29	14.49	14.38	2.06
5,406.00	68.93	132.780	4,959.74	185.51	1,586.42	983.75	13.57	13.55	0.87
5,438.00	71.82	132.490	4,970.49	165.10	1,608.59	1,013.86	9.07	9.03	-0.91
5,469.00	74.23	132.780	4,979.54	145.02	1,630.40	1,043.47	7.83	7.77	0.94
5,497.00	76.15	133.420	4,986.69	126.52	1,650.17	1,070.52	7.22	6.87	2.28
330 ppp @ 5497.00 MD 4986.69 TVD - FTP @ 5497.00 MD 4986.69 TVD									
5,501.00	76.43	133.510	4,987.64	123.85	1,652.99	1,074.41	7.22	6.88	2.26
5,575.00	79.39	135.031	5,003.14	73.34	1,704.79	1,146.74	4.47	4.00	2.06
9 5/8" Shoe @ 5575.00 MD 5003.14 TVD									
5,611.00	80.83	135.760	5,009.32	48.09	1,729.69	1,182.21	4.47	4.01	2.02
5,642.00	81.56	135.890	5,014.07	26.12	1,751.04	1,212.84	2.39	2.35	0.42
5,673.00	84.02	136.720	5,017.96	3.88	1,772.28	1,243.59	8.37	7.94	2.68
5,705.00	86.67	137.830	5,020.55	-19.54	1,793.92	1,275.46	8.97	8.28	3.47
5,736.00	87.75	138.570	5,022.06	-42.63	1,814.56	1,306.38	4.22	3.48	2.39
5,768.00	88.13	138.580	5,023.21	-66.60	1,835.71	1,338.31	1.19	1.19	0.03
5,799.00	89.27	138.160	5,023.92	-89.77	1,856.30	1,369.26	3.92	3.68	-1.35
5,893.00	90.92	137.710	5,023.76	-159.55	1,919.28	1,463.16	1.82	1.76	-0.48
5,987.00	90.72	137.640	5,022.42	-229.04	1,982.56	1,557.07	0.23	-0.21	-0.07
6,080.00	90.90	135.910	5,021.10	-296.80	2,046.25	1,650.02	1.87	0.19	-1.86
6,174.00	91.05	135.560	5,019.50	-364.10	2,111.85	1,744.01	0.41	0.16	-0.37
6,268.00	90.88	135.380	5,017.92	-431.11	2,177.76	1,837.99	0.26	-0.18	-0.19
6,362.00	90.88	135.150	5,016.47	-497.87	2,243.91	1,931.98	0.24	0.00	-0.24
6,456.00	90.86	135.300	5,015.05	-564.59	2,310.11	2,025.97	0.16	-0.02	0.16
6,550.00	90.47	135.120	5,013.96	-631.30	2,376.33	2,119.96	0.46	-0.41	-0.19
6,643.00	90.29	134.930	5,013.34	-697.09	2,442.06	2,212.96	0.28	-0.19	-0.20



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Betonnie Tsosie Wash Unit 721H
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 721H	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)
6,737.00	90.43	134.960	5,012.75	-763.49	2,508.59	2,306.96	0.15	0.15	0.03
6,831.00	90.45	134.560	5,012.03	-829.68	2,575.34	2,400.95	0.43	0.02	-0.43
6,926.00	90.57	134.430	5,011.18	-896.26	2,643.10	2,495.94	0.19	0.13	-0.14
7,019.00	90.17	134.110	5,010.58	-961.17	2,709.69	2,588.92	0.55	-0.43	-0.34
7,113.00	90.17	134.420	5,010.30	-1,026.78	2,777.00	2,682.90	0.33	0.00	0.33
7,207.00	90.39	134.660	5,009.84	-1,092.71	2,844.00	2,776.89	0.35	0.23	0.26
7,300.00	90.14	134.580	5,009.41	-1,158.03	2,910.20	2,869.89	0.28	-0.27	-0.09
7,394.00	90.06	134.420	5,009.25	-1,223.92	2,977.24	2,963.88	0.19	-0.09	-0.17
7,489.00	90.31	134.750	5,008.94	-1,290.61	3,044.90	3,058.87	0.44	0.26	0.35
7,583.00	89.64	134.950	5,008.98	-1,356.90	3,111.54	3,152.86	0.74	-0.71	0.21
7,677.00	89.41	134.530	5,009.76	-1,423.06	3,178.31	3,246.86	0.51	-0.24	-0.45
7,771.00	89.26	134.270	5,010.85	-1,488.83	3,245.47	3,340.84	0.32	-0.16	-0.28
7,865.00	89.06	135.530	5,012.23	-1,555.17	3,312.04	3,434.82	1.36	-0.21	1.34
7,959.00	91.03	135.950	5,012.16	-1,622.49	3,377.64	3,528.82	2.14	2.10	0.45
8,053.00	91.26	136.670	5,010.28	-1,690.44	3,442.56	3,622.78	0.80	0.24	0.77
8,147.00	91.23	136.770	5,008.24	-1,758.86	3,506.99	3,716.73	0.11	-0.03	0.11
8,241.00	91.39	136.680	5,006.09	-1,827.28	3,571.41	3,810.68	0.20	0.17	-0.10
8,335.00	90.77	136.180	5,004.32	-1,895.38	3,636.18	3,904.64	0.85	-0.66	-0.53
8,429.00	90.98	135.220	5,002.88	-1,962.64	3,701.83	3,998.63	1.05	0.22	-1.02
8,524.00	90.49	134.630	5,001.66	-2,029.72	3,769.08	4,093.62	0.81	-0.52	-0.62
8,618.00	89.28	132.450	5,001.85	-2,094.47	3,837.22	4,187.56	2.65	-1.29	-2.32
8,712.00	88.59	133.480	5,003.60	-2,158.52	3,905.99	4,281.47	1.32	-0.73	1.10
8,806.00	87.99	135.620	5,006.40	-2,224.43	3,972.95	4,375.41	2.36	-0.64	2.28
8,900.00	87.23	135.260	5,010.32	-2,291.35	4,038.84	4,469.33	0.89	-0.81	-0.38
8,994.00	88.99	137.100	5,013.42	-2,359.13	4,103.89	4,563.26	2.71	1.87	1.96
9,088.00	91.34	138.170	5,013.15	-2,428.58	4,167.22	4,657.17	2.75	2.50	1.14
9,182.00	91.19	137.660	5,011.08	-2,498.33	4,230.21	4,751.05	0.57	-0.16	-0.54
9,276.00	90.62	137.640	5,009.59	-2,567.79	4,293.53	4,844.96	0.61	-0.61	-0.02
9,371.00	90.72	137.880	5,008.48	-2,638.11	4,357.38	4,939.87	0.27	0.11	0.25
9,465.00	90.56	137.980	5,007.43	-2,707.89	4,420.36	5,033.77	0.20	-0.17	0.11
9,560.00	90.66	137.820	5,006.42	-2,778.37	4,484.05	5,128.66	0.20	0.11	-0.17
9,654.00	91.44	136.090	5,004.70	-2,847.05	4,548.20	5,222.60	2.02	0.83	-1.84
9,748.00	90.92	136.000	5,002.76	-2,914.71	4,613.43	5,316.58	0.56	-0.55	-0.10
9,842.00	90.00	134.770	5,002.01	-2,981.62	4,679.44	5,410.57	1.63	-0.98	-1.31
9,936.00	89.57	134.180	5,002.36	-3,047.47	4,746.52	5,504.56	0.78	-0.46	-0.63
10,030.00	89.50	134.240	5,003.12	-3,113.02	4,813.89	5,598.54	0.10	-0.07	0.06
10,124.00	89.11	134.200	5,004.26	-3,178.57	4,881.26	5,692.52	0.42	-0.41	-0.04
10,219.00	90.49	134.820	5,004.59	-3,245.16	4,949.00	5,787.50	1.59	1.45	0.65
10,313.00	90.21	134.230	5,004.02	-3,311.08	5,016.02	5,881.49	0.69	-0.30	-0.63
10,407.00	90.47	134.000	5,003.46	-3,376.51	5,083.50	5,975.47	0.37	0.28	-0.24
10,502.00	89.70	133.750	5,003.32	-3,442.35	5,151.98	6,070.44	0.85	-0.81	-0.26
10,595.00	89.39	133.820	5,004.06	-3,506.70	5,219.12	6,163.40	0.34	-0.33	0.08
10,689.00	89.22	134.560	5,005.20	-3,572.22	5,286.52	6,257.38	0.81	-0.18	0.79



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Betonnie Tsosie Wash Unit 721H
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 721H	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)
10,783.00	88.70	133.830	5,006.91	-3,637.73	5,353.90	6,351.34	0.95	-0.55	-0.78
10,876.00	90.52	135.610	5,007.54	-3,703.17	5,419.97	6,444.33	2.74	1.96	1.91
10,970.00	89.47	135.620	5,007.55	-3,770.34	5,485.72	6,538.32	1.12	-1.12	0.01
11,064.00	88.81	134.640	5,008.96	-3,836.95	5,552.03	6,632.31	1.26	-0.70	-1.04
11,158.00	91.10	136.380	5,009.03	-3,904.00	5,617.90	6,726.30	3.06	2.44	1.85
11,252.00	90.71	136.500	5,007.55	-3,972.11	5,682.67	6,820.27	0.43	-0.41	0.13
11,346.00	90.42	136.410	5,006.62	-4,040.24	5,747.42	6,914.25	0.32	-0.31	-0.10
11,440.00	90.35	136.120	5,005.99	-4,108.16	5,812.41	7,008.23	0.32	-0.07	-0.31
11,534.00	89.04	134.710	5,006.49	-4,175.10	5,878.39	7,102.23	2.05	-1.39	-1.50
11,628.00	91.05	134.900	5,006.42	-4,241.34	5,945.08	7,196.22	2.15	2.14	0.20
11,701.00	90.31	133.550	5,005.55	-4,292.25	5,997.38	7,269.20	2.11	-1.01	-1.85
Survey @ 11701.00 MD 5005.55 TVD									
11,716.00	90.31	133.550	5,005.47	-4,302.59	6,008.26	7,284.19	0.00	0.00	0.00
LTP @ 11716.00 MD 5005.47 TVD									
11,760.00	90.31	133.550	5,005.23	-4,332.90	6,040.14	7,328.17	0.00	0.00	0.00
Survey proj. to 11760 MD 5005.23 TVD 621 FSL 1453 FEL									

Design Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
418.00	417.85	-9.45	-1.38	MWD surveys
5,497.00	4,986.69	126.52	1,650.17	330 ppd @ 5497.00 MD 4986.69 TVD
5,497.00	4,986.69	126.52	1,650.17	FTP @ 5497.00 MD 4986.69 TVD
5,575.00	5,003.14	73.34	1,704.79	9 5/8" Shoe @ 5575.00 MD 5003.14 TVD
11,701.00	5,005.55	-4,292.25	5,997.38	Survey @ 11701.00 MD 5005.55 TVD
11,716.00	5,005.47	-4,302.59	6,008.26	LTP @ 11716.00 MD 5005.47 TVD
11,760.00	5,005.23	-4,332.90	6,040.14	Survey proj. to 11760 MD 5005.23 TVD 621 FSL 1453 FEL



Survey Report - Geographic



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Betonnie Tsosie Wash Unit 721H
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 721H	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
		Grid Convergence:	0.09 °

Well	Betonnie Tsosie Wash Unit 721H, Surf loc: 387 FNL 2064 FEL Section 21-T23N-R08W		
Well Position	+N/-S	0.00 ft	Northing: 1,898,973.99 usft
	+E/-W	0.00 ft	Easting: 2,766,755.03 usft
Position Uncertainty	0.00 ft	Wellhead Elevation:	ft
		Latitude:	36.21879900
		Longitude:	-107.68530600
		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	49,027.24619647

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	135.312	

Survey Program	Date	6/19/2024			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
418.00	5,501.00	MWD int (Original Hole)	MWD	OWSG MWD - Standard	
5,611.00	11,701.00	MWD (Original Hole)	MWD	OWSG MWD - Standard	
11,760.00	11,760.00	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	1,898,973.99	2,766,755.03	36.21879900	-107.68530600	
418.00	2.62	188.320	417.85	-9.45	-1.38	1,898,964.54	2,766,753.65	36.21877303	-107.68531074	
MWD surveys										
513.00	2.58	194.430	512.76	-13.67	-2.23	1,898,960.32	2,766,752.80	36.21876145	-107.68531363	
607.00	1.28	197.330	606.70	-16.73	-3.07	1,898,957.27	2,766,751.96	36.21875307	-107.68531650	
702.00	0.73	23.820	701.70	-17.18	-3.14	1,898,956.81	2,766,751.89	36.21875181	-107.68531674	
797.00	3.01	52.730	796.64	-15.12	-0.91	1,898,958.87	2,766,754.12	36.21875747	-107.68530917	
892.00	6.47	55.110	891.30	-10.55	5.47	1,898,963.45	2,766,760.50	36.21877000	-107.68528753	
987.00	9.80	55.880	985.33	-2.95	16.55	1,898,971.05	2,766,771.59	36.21879083	-107.68524990	
1,081.00	13.15	60.810	1,077.44	6.76	32.51	1,898,980.75	2,766,787.55	36.21881743	-107.68519574	



Survey Report - Geographic



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Bettonnie Tsosie Wash Unit 721H
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 721H	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
1,173.00	15.66	64.890	1,166.54	17.13	52.90	1,898,991.13	2,766,807.93	36.21884584	-107.68512658
1,265.00	17.21	67.200	1,254.78	27.68	76.69	1,899,001.67	2,766,831.72	36.21887471	-107.68504587
1,357.00	19.10	69.960	1,342.20	38.11	103.38	1,899,012.10	2,766,858.41	36.21890326	-107.68495533
1,447.00	22.32	75.160	1,426.38	47.54	133.74	1,899,021.53	2,766,888.78	36.21892902	-107.68485234
1,538.00	26.04	76.810	1,509.38	56.52	169.91	1,899,030.52	2,766,924.94	36.21895356	-107.68472969
1,628.00	27.33	75.760	1,589.80	66.11	209.17	1,899,040.11	2,766,964.20	36.21897974	-107.68459654
1,719.00	28.13	78.190	1,670.35	75.64	250.42	1,899,049.64	2,767,005.45	36.21900574	-107.68445665
1,810.00	28.65	73.280	1,750.41	86.31	292.31	1,899,060.30	2,767,047.35	36.21903487	-107.68431456
1,899.00	28.84	71.530	1,828.45	99.25	333.11	1,899,073.24	2,767,088.14	36.21907024	-107.68417619
1,994.00	27.80	71.550	1,912.08	113.52	375.86	1,899,087.51	2,767,130.89	36.21910926	-107.68403119
2,089.00	27.10	70.540	1,996.38	127.74	417.27	1,899,101.73	2,767,172.31	36.21914815	-107.68389071
2,183.00	26.53	70.330	2,080.27	141.94	457.23	1,899,115.93	2,767,212.26	36.21918699	-107.68375517
2,278.00	26.25	70.290	2,165.37	156.17	496.99	1,899,130.16	2,767,252.02	36.21922590	-107.68362032
2,373.00	28.58	73.960	2,249.70	169.53	538.61	1,899,143.53	2,767,293.64	36.21926245	-107.68347913
2,468.00	29.94	74.850	2,332.58	182.01	583.34	1,899,156.00	2,767,338.37	36.21929653	-107.68332744
2,563.00	30.33	74.940	2,414.74	194.44	629.38	1,899,168.43	2,767,384.41	36.21933047	-107.68317127
2,658.00	31.27	75.270	2,496.34	206.94	676.39	1,899,180.93	2,767,431.42	36.21936462	-107.68301183
2,752.00	32.15	75.200	2,576.31	219.53	724.17	1,899,193.52	2,767,479.20	36.21939900	-107.68284979
2,847.00	32.35	75.410	2,656.65	232.39	773.20	1,899,206.38	2,767,528.23	36.21943412	-107.68268349
2,942.00	30.17	73.780	2,737.86	245.46	820.73	1,899,219.46	2,767,575.76	36.21946983	-107.68252230
3,037.00	28.22	72.620	2,820.79	258.84	865.09	1,899,232.83	2,767,620.12	36.21950639	-107.68237183
3,132.00	27.28	70.950	2,904.86	272.66	907.11	1,899,246.65	2,767,662.14	36.21954416	-107.68222932
3,227.00	27.41	70.250	2,989.24	287.15	948.26	1,899,261.15	2,767,703.30	36.21958381	-107.68208970
3,322.00	26.51	68.760	3,073.92	302.22	988.61	1,899,276.22	2,767,743.64	36.21962503	-107.68195285
3,417.00	25.49	68.360	3,159.30	317.44	1,027.37	1,899,291.44	2,767,782.40	36.21966668	-107.68182135
3,512.00	25.39	72.000	3,245.10	331.27	1,065.75	1,899,305.27	2,767,820.78	36.21970451	-107.68169118
3,606.00	25.53	71.920	3,329.97	343.79	1,104.17	1,899,317.78	2,767,859.20	36.21973873	-107.68156086
3,701.00	24.18	70.880	3,416.17	356.52	1,142.01	1,899,330.51	2,767,897.05	36.21977352	-107.68143248
3,796.00	21.45	71.420	3,503.73	368.42	1,176.87	1,899,342.42	2,767,931.90	36.21980609	-107.68131426
3,890.00	19.12	72.720	3,591.89	378.48	1,207.86	1,899,352.47	2,767,962.90	36.21983357	-107.68120912
3,985.00	17.00	75.360	3,682.21	386.61	1,236.16	1,899,360.60	2,767,991.19	36.21985579	-107.68111314
4,080.00	13.67	74.960	3,773.81	393.03	1,260.45	1,899,367.03	2,768,015.48	36.21987333	-107.68103078
4,174.00	11.63	79.630	3,865.53	397.62	1,280.49	1,899,371.62	2,768,035.53	36.21988585	-107.68096278
4,269.00	9.21	83.060	3,958.96	400.26	1,297.46	1,899,374.26	2,768,052.49	36.21989304	-107.68090524
4,364.00	6.66	79.000	4,053.04	402.23	1,310.42	1,899,376.23	2,768,065.45	36.21989839	-107.68086130
4,459.00	4.44	77.040	4,147.59	404.11	1,319.41	1,899,378.10	2,768,074.44	36.21990351	-107.68083081
4,554.00	1.60	89.680	4,242.45	404.94	1,324.32	1,899,378.94	2,768,079.35	36.21990577	-107.68081415
4,649.00	1.42	217.010	4,337.43	404.01	1,324.94	1,899,378.00	2,768,079.97	36.21990321	-107.68081206
4,680.00	1.30	217.010	4,368.42	403.42	1,324.50	1,899,377.42	2,768,079.53	36.21990159	-107.68081357
4,712.00	0.55	245.580	4,400.42	403.07	1,324.14	1,899,377.06	2,768,079.17	36.21990063	-107.68081479
4,744.00	0.96	107.820	4,432.42	402.92	1,324.26	1,899,376.92	2,768,079.29	36.21990023	-107.68081439
4,775.00	4.58	114.870	4,463.38	402.32	1,325.63	1,899,376.32	2,768,080.66	36.21989857	-107.68080975
4,807.00	8.27	116.360	4,495.17	400.76	1,328.85	1,899,374.76	2,768,083.88	36.21989427	-107.68079884
4,838.00	11.17	115.550	4,525.72	398.48	1,333.56	1,899,372.47	2,768,088.59	36.21988797	-107.68078289
4,870.00	14.21	117.480	4,556.94	395.33	1,339.84	1,899,369.32	2,768,094.87	36.21987929	-107.68076161
4,901.00	17.12	120.900	4,586.78	391.23	1,347.13	1,899,365.22	2,768,102.16	36.21986800	-107.68073690
4,933.00	19.54	121.910	4,617.16	385.98	1,355.72	1,899,359.97	2,768,110.75	36.21985354	-107.68070783
4,965.00	22.47	122.120	4,647.03	379.90	1,365.44	1,899,353.89	2,768,120.47	36.21983680	-107.68067489
4,996.00	25.25	123.750	4,675.37	373.07	1,375.96	1,899,347.07	2,768,130.99	36.21981800	-107.68063927
5,028.00	27.96	125.310	4,703.98	364.94	1,387.76	1,899,338.94	2,768,142.79	36.21979562	-107.68059932
5,059.00	30.98	126.920	4,730.97	355.95	1,400.07	1,899,329.94	2,768,155.10	36.21977086	-107.68055762
5,091.00	33.65	128.750	4,758.01	345.45	1,413.57	1,899,319.44	2,768,168.60	36.21974196	-107.68051191
5,122.00	36.08	131.110	4,783.45	334.07	1,427.15	1,899,308.06	2,768,182.18	36.21971064	-107.68046593
5,144.00	39.24	133.160	4,800.86	325.05	1,437.11	1,899,299.04	2,768,192.14	36.21968581	-107.68043222
5,186.00	42.00	135.150	4,832.74	306.00	1,456.71	1,899,279.99	2,768,211.74	36.21963338	-107.68036585



Survey Report - Geographic



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Bettonnie Tsosie Wash Unit 721H
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 721H	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
5,217.00	44.95	135.120	4,855.23	290.88	1,471.76	1,899,264.87	2,768,226.79	36.21959179	-107.68031493
5,249.00	48.28	133.680	4,877.21	274.62	1,488.38	1,899,248.61	2,768,243.41	36.21954705	-107.68025868
5,280.00	51.46	132.080	4,897.19	258.50	1,505.75	1,899,232.49	2,768,260.78	36.21950269	-107.68019987
5,312.00	55.50	131.700	4,916.23	241.33	1,524.89	1,899,215.33	2,768,279.92	36.21945545	-107.68013507
5,343.00	60.13	131.850	4,932.74	223.86	1,544.45	1,899,197.85	2,768,299.48	36.21940736	-107.68006885
5,375.00	64.73	132.510	4,947.54	204.81	1,565.46	1,899,178.81	2,768,320.49	36.21935495	-107.67999772
5,406.00	68.93	132.780	4,959.74	185.51	1,586.42	1,899,159.50	2,768,341.45	36.21930183	-107.67992677
5,438.00	71.82	132.490	4,970.49	165.10	1,608.59	1,899,139.09	2,768,363.62	36.21924566	-107.67985171
5,469.00	74.23	132.780	4,979.54	145.02	1,630.40	1,899,119.01	2,768,385.43	36.21919040	-107.67977788
5,497.00	76.15	133.420	4,986.69	126.52	1,650.17	1,899,100.51	2,768,405.20	36.21913951	-107.67971097
330 ppd @ 5497.00 MD 4986.69 TVD - FTP @ 5497.00 MD 4986.69 TVD									
5,501.00	76.43	133.510	4,987.64	123.85	1,652.99	1,899,097.84	2,768,408.02	36.21913215	-107.67970142
5,575.00	79.39	135.031	5,003.14	73.34	1,704.79	1,899,047.33	2,768,459.82	36.21899318	-107.67952608
9 5/8" Shoe @ 5575.00 MD 5003.14 TVD									
5,611.00	80.83	135.760	5,009.32	48.09	1,729.69	1,899,022.08	2,768,484.72	36.21892371	-107.67944179
5,642.00	81.56	135.890	5,014.07	26.12	1,751.04	1,899,000.11	2,768,506.07	36.21886326	-107.67936954
5,673.00	84.02	136.720	5,017.96	3.88	1,772.28	1,898,977.88	2,768,527.31	36.21880209	-107.67929764
5,705.00	86.67	137.830	5,020.55	-19.54	1,793.92	1,898,954.45	2,768,548.95	36.21873763	-107.67922441
5,736.00	87.75	138.570	5,022.06	-42.63	1,814.56	1,898,931.37	2,768,569.59	36.21867414	-107.67915457
5,768.00	88.13	138.580	5,023.21	-66.60	1,835.71	1,898,907.39	2,768,590.75	36.21860817	-107.67908297
5,799.00	89.27	138.160	5,023.92	-89.77	1,856.30	1,898,884.23	2,768,611.33	36.21854445	-107.67901329
5,893.00	90.92	137.710	5,023.76	-159.55	1,919.28	1,898,814.44	2,768,674.31	36.21835248	-107.67880017
5,987.00	90.72	137.640	5,022.42	-229.04	1,982.56	1,898,744.95	2,768,737.60	36.21816130	-107.67858600
6,080.00	90.90	135.910	5,021.10	-296.80	2,046.25	1,898,677.20	2,768,801.28	36.21797489	-107.67837047
6,174.00	91.05	135.560	5,019.50	-364.10	2,111.85	1,898,609.89	2,768,866.88	36.21778971	-107.67814844
6,268.00	90.88	135.380	5,017.92	-431.11	2,177.76	1,898,542.89	2,768,932.79	36.21760536	-107.67792535
6,362.00	90.88	135.150	5,016.47	-497.87	2,243.91	1,898,476.12	2,768,998.94	36.21742165	-107.67770145
6,456.00	90.86	135.300	5,015.05	-564.59	2,310.11	1,898,409.40	2,769,065.14	36.21723807	-107.67747740
6,550.00	90.47	135.120	5,013.96	-631.30	2,376.33	1,898,342.70	2,769,131.36	36.21705453	-107.67725327
6,643.00	90.29	134.930	5,013.34	-697.09	2,442.06	1,898,276.91	2,769,197.09	36.21687352	-107.67703079
6,737.00	90.43	134.960	5,012.75	-763.49	2,508.59	1,898,210.51	2,769,263.62	36.21669081	-107.67680561
6,831.00	90.45	134.560	5,012.03	-829.68	2,575.34	1,898,144.32	2,769,330.36	36.21650869	-107.67657971
6,926.00	90.57	134.430	5,011.18	-896.26	2,643.10	1,898,077.74	2,769,398.13	36.21632550	-107.67635036
7,019.00	90.17	134.110	5,010.58	-961.17	2,709.69	1,898,012.82	2,769,464.72	36.21614687	-107.67612496
7,113.00	90.17	134.420	5,010.30	-1,026.78	2,777.00	1,897,947.22	2,769,532.03	36.21596634	-107.67589712
7,207.00	90.39	134.660	5,009.84	-1,092.71	2,844.00	1,897,881.28	2,769,599.03	36.21578492	-107.67567036
7,300.00	90.14	134.580	5,009.41	-1,158.03	2,910.20	1,897,815.96	2,769,665.23	36.21560518	-107.67544631
7,394.00	90.06	134.420	5,009.25	-1,223.92	2,977.24	1,897,750.08	2,769,732.27	36.21542388	-107.67521939
7,489.00	90.31	134.750	5,008.94	-1,290.61	3,044.90	1,897,683.39	2,769,799.93	36.21524039	-107.67499039
7,583.00	89.64	134.950	5,008.98	-1,356.90	3,111.54	1,897,617.10	2,769,866.57	36.21505797	-107.67476484
7,677.00	89.41	134.530	5,009.76	-1,423.06	3,178.31	1,897,550.93	2,769,933.34	36.21487592	-107.67453887
7,771.00	89.26	134.270	5,010.85	-1,488.83	3,245.47	1,897,485.17	2,770,000.49	36.21469496	-107.67431158
7,865.00	89.06	135.530	5,012.23	-1,555.17	3,312.04	1,897,418.83	2,770,067.07	36.21451241	-107.67408626
7,959.00	91.03	135.950	5,012.16	-1,622.49	3,377.64	1,897,351.51	2,770,132.67	36.21432718	-107.67386425
8,053.00	91.26	136.670	5,010.28	-1,690.44	3,442.56	1,897,283.55	2,770,197.59	36.21414021	-107.67364456
8,147.00	91.23	136.770	5,008.24	-1,758.86	3,506.99	1,897,215.14	2,770,262.01	36.21395197	-107.67342653
8,241.00	91.39	136.680	5,006.09	-1,827.28	3,571.41	1,897,146.72	2,770,326.43	36.21376372	-107.67320853
8,335.00	90.77	136.180	5,004.32	-1,895.38	3,636.18	1,897,078.62	2,770,391.21	36.21357637	-107.67298932
8,429.00	90.98	135.220	5,002.88	-1,962.64	3,701.83	1,897,011.36	2,770,456.85	36.21339129	-107.67276717
8,524.00	90.49	134.630	5,001.66	-2,029.72	3,769.08	1,896,944.28	2,770,524.11	36.21320670	-107.67253955
8,618.00	89.28	132.450	5,001.85	-2,094.47	3,837.22	1,896,879.53	2,770,592.24	36.21302852	-107.67230895
8,712.00	88.59	133.480	5,003.60	-2,158.52	3,905.99	1,896,815.47	2,770,661.02	36.21285225	-107.67207617
8,806.00	87.99	135.620	5,006.40	-2,224.43	3,972.95	1,896,749.56	2,770,727.97	36.21267088	-107.67184957
8,900.00	87.23	135.260	5,010.32	-2,291.35	4,038.84	1,896,682.65	2,770,793.87	36.21248675	-107.67162657
8,994.00	88.99	137.100	5,013.42	-2,359.13	4,103.89	1,896,614.87	2,770,858.91	36.21230026	-107.67140646



Survey Report - Geographic



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Bettonnie Tsosie Wash Unit 721H
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 721H	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
9,088.00	91.34	138.170	5,013.15	-2,428.58	4,167.22	1,896,545.42	2,770,922.25	36.21210919	-107.67119215
9,182.00	91.19	137.660	5,011.08	-2,498.33	4,230.21	1,896,475.67	2,770,985.24	36.21191730	-107.67097903
9,276.00	90.62	137.640	5,009.59	-2,567.79	4,293.53	1,896,406.21	2,771,048.55	36.21172620	-107.67076479
9,371.00	90.72	137.880	5,008.48	-2,638.11	4,357.38	1,896,335.89	2,771,112.41	36.21153271	-107.67054872
9,465.00	90.56	137.980	5,007.43	-2,707.89	4,420.36	1,896,266.11	2,771,175.39	36.21134074	-107.67033562
9,560.00	90.66	137.820	5,006.42	-2,778.37	4,484.05	1,896,195.63	2,771,239.08	36.21114682	-107.67012014
9,654.00	91.44	136.090	5,004.70	-2,847.05	4,548.20	1,896,126.95	2,771,303.22	36.21095785	-107.66990308
9,748.00	90.92	136.000	5,002.76	-2,914.71	4,613.43	1,896,059.29	2,771,368.45	36.21077170	-107.66968234
9,842.00	90.00	134.770	5,002.01	-2,981.62	4,679.44	1,895,992.38	2,771,434.47	36.21058759	-107.66945894
9,936.00	89.57	134.180	5,002.36	-3,047.47	4,746.52	1,895,926.53	2,771,501.54	36.21040636	-107.66923195
10,030.00	89.50	134.240	5,003.12	-3,113.02	4,813.89	1,895,860.98	2,771,568.92	36.21022600	-107.66900394
10,124.00	89.11	134.200	5,004.26	-3,178.57	4,881.26	1,895,795.43	2,771,636.28	36.21004561	-107.66877597
10,219.00	90.49	134.820	5,004.59	-3,245.16	4,949.00	1,895,728.84	2,771,704.02	36.20986235	-107.66854671
10,313.00	90.21	134.230	5,004.02	-3,311.08	5,016.02	1,895,662.92	2,771,771.04	36.20968097	-107.66831993
10,407.00	90.47	134.000	5,003.46	-3,376.51	5,083.50	1,895,597.49	2,771,838.52	36.20950090	-107.66809154
10,502.00	89.70	133.750	5,003.32	-3,442.35	5,151.98	1,895,531.65	2,771,907.01	36.20931971	-107.66785979
10,595.00	89.39	133.820	5,004.06	-3,506.70	5,219.12	1,895,467.30	2,771,974.14	36.20914262	-107.66763258
10,689.00	89.22	134.560	5,005.20	-3,572.22	5,286.52	1,895,401.78	2,772,041.54	36.20896232	-107.66740451
10,783.00	88.70	133.830	5,006.91	-3,637.73	5,353.90	1,895,336.27	2,772,108.92	36.20878203	-107.66717647
10,876.00	90.52	135.610	5,007.54	-3,703.17	5,419.97	1,895,270.84	2,772,175.00	36.20860197	-107.66695288
10,970.00	89.47	135.620	5,007.55	-3,770.34	5,485.72	1,895,203.66	2,772,240.75	36.20841712	-107.66673040
11,064.00	88.81	134.640	5,008.96	-3,836.95	5,552.03	1,895,137.05	2,772,307.05	36.20823382	-107.66650602
11,158.00	91.10	136.380	5,009.03	-3,904.00	5,617.90	1,895,070.00	2,772,372.92	36.20804932	-107.66628314
11,252.00	90.71	136.500	5,007.55	-3,972.11	5,682.67	1,895,001.89	2,772,437.69	36.20786191	-107.66606399
11,346.00	90.42	136.410	5,006.62	-4,040.24	5,747.42	1,894,933.76	2,772,502.45	36.20767444	-107.66584489
11,440.00	90.35	136.120	5,005.99	-4,108.16	5,812.41	1,894,865.84	2,772,567.43	36.20748756	-107.66562501
11,534.00	89.04	134.710	5,006.49	-4,175.10	5,878.39	1,894,798.90	2,772,633.41	36.20730335	-107.66540175
11,628.00	91.05	134.900	5,006.42	-4,241.34	5,945.08	1,894,732.66	2,772,700.10	36.20712107	-107.66517608
11,701.00	90.31	133.550	5,005.55	-4,292.25	5,997.38	1,894,681.75	2,772,752.41	36.20698096	-107.66499908
Survey @ 11701.00 MD 5005.55 TVD									
11,716.00	90.31	133.550	5,005.47	-4,302.59	6,008.26	1,894,671.42	2,772,763.28	36.20695252	-107.66496229
LTP @ 11716.00 MD 5005.47 TVD									
11,760.00	90.31	133.550	5,005.23	-4,332.90	6,040.14	1,894,641.10	2,772,795.17	36.20686909	-107.66485437
Survey proj. to 11760 MD 5005.23 TVD 621 FSL 1453 FEL									

Design Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
418.00	417.85	-9.45	-1.38	MWD surveys
5,497.00	4,986.69	126.52	1,650.17	330 ppd @ 5497.00 MD 4986.69 TVD
5,497.00	4,986.69	126.52	1,650.17	FTP @ 5497.00 MD 4986.69 TVD
5,575.00	5,003.14	73.34	1,704.79	9 5/8" Shoe @ 5575.00 MD 5003.14 TVD
11,701.00	5,005.55	-4,292.25	5,997.38	Survey @ 11701.00 MD 5005.55 TVD
11,716.00	5,005.47	-4,302.59	6,008.26	LTP @ 11716.00 MD 5005.47 TVD
11,760.00	5,005.23	-4,332.90	6,040.14	Survey proj. to 11760 MD 5005.23 TVD 621 FSL 1453 FEL

South Formations				North Formations			
Formation/Zone	MD	TVD	W/O/G	Formation/Zone	MD	TVD	W/O/G
T. Anhy				T. San Jose	-	-	
T. Salt				T. Nacimiento	0	0	W
B. Salt				T. Ojo Alamo	762	762	G, W
T. Yates				T. Kirtland	832	832	G,W
T. 7 Rivers				T. Fruitland	1021	1020	G,W
T. Queen				T. Pictured Cliffs	1383	1372	G, W
T. Grayburg				T. Lewis Shale	1525	1504	G,W
T. San Andres				T. Chacra	1789	1741	G, W
T. Glorieta				T. Cliff House	3008	2830	G,W
T. Yeso				T. Menefee	3041	2860	G, W
T. Paddock				T. Point Lookout	4049	3774	G,W
T. Blinebry				T. Mancos	4246	3966	O, G
T.Tubb				T. Gallup	4932	4642	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

07/19/2024

Operator Name DJR OPERATING LLC	Well Name BETONNIE TSOSIE WASH UNIT	Well Number 721H	US Well Number 3004538329
SHL NWNE Sec 21 23N 8W	County SAN JUAN	State NM	Lease Number(s) NMNM76842
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 10400081329

Section 1 - General

Well Completion Report Id: 92341**Submission Date:** 07-18-2024**BLM Office:** Farmington Field Office**User:** SHAW-MARIE FORD**Title:** Regulatory Specialist**Federal/Indian:** FEDERAL**Lease Number:** NMNM76842**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:** 04-08-2024**Date Total Measured Depth Reached:** 05-21-2024**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 721H	US Well Number 3004538329
SHL NWNE Sec 21 23N 8W	County SAN JUAN	State NM	Lease Number(s) NMNM76842
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 10400081329

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		5941	832	832	NONE	
FRUITLAND	COAL		5745	1020	1021	NATURAL GAS	
PICTURED CLIFFS	SANDSTONE		5463	1372	1383	USEABLE WATER	
LEWIS	SHALE		5350	1504	1525	NONE	
CHACRA	SANDSTONE		4716	1741	1789	NONE	
MENEFEE	COAL, SANDSTONE		3964	2860	3041	NATURAL GAS	
POINT LOOKOUT	SANDSTONE		3033	3774	4049	NONE	
MANCOS	SHALE		2854	3966	4246	NONE	
GALLUP	SANDSTONE		1818	4642	4932	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 721H	US Well Number 3004538329
SHL NWNE Sec 21 23N 8W	County SAN JUAN	State NM	Lease Number(s) NMNM76842
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 10400081329

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	NMNM76842	NEW		POW	06-22-2024	07-04-2024	GALLUP	5507	11691	Y	.3	930	OPEN

Treatment Data

Wellbore Code	Completion Code	Interval Number	Interval Treated?	Treatment Type	Tottle Fluid (bbbls)	Total Proppant (lbs)	Treatment Remarks
00	S1	1	Y	FRAC	78292	6200308	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 721H	US Well Number 3004538329
SHL NWNE Sec 21 23N 8W	County SAN JUAN	State NM	Lease Number(s) NMNM76842
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 10400081329

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	504	18984	513	37666	50/64	190		795

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	36.218799	-107.685308	6837	N/A	N/A	FEDERAL	NMNM76842				387	FNL	2064	FEL	23N	8W	21	NWNE
KOP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.218799	-107.685308	6453	384	384	FEDERAL	NMNM76842				387	FNL	2064	FEL	23N	8W	21	NWNE
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.210199	-107.668987	1832	11691	5005	FEDERAL	NMNM136161				1828	FSL	2639	FEL	23N	8W	22	NWSE
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.217894	-107.678267	1832	11691	5005	FEDERAL	NMNM50999				693	FNL	1	FWL	23N	8W	22	NWNW

Operator Name DJR OPERATING LLC	Well Name BETONNIE TSOSIE WASH UNIT	Well Number 721H	US Well Number 3004538329
SHL NWNE Sec 21 23N 8W	County SAN JUAN	State NM	Lease Number(s) NMNM76842
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 10400081329

	State	Meridian	County	Latitude	Longitude	Elevation (MSL)	MD (ft)	TVD (ft)	Lease Type	Lease Number	Plug TVD (ft)	Plug MD (ft)	Plug Type	NS-Foot	NS-Indicator	EW-Foot	EW-Indicator	Township	Range	Section	Aliquot/Lot/Tract
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.21914	-107.679711	1848	5507	4989	FEDERAL	NMNM76842				244	FNL	410	FEL	23N	8W	21	NENE
EXIT Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.206953	-107.664962	1832	11691	5005	FEDERAL	NMNM136161				652	FSL	1484	FEL	23N	8W	22	SWSE
BHL Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.206869	-107.664854	1832	11760	5005	FEDERAL	NMNM136161	5005	11738		622	FSL	1453	FEL	23N	8W	22	SWSE

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)
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Operator Name DJR OPERATING LLC	Well Name BETONNIE TSOSIE WASH UNIT	Well Number 721H	US Well Number 3004538329
SHL NWNE Sec 21 23N 8W	County SAN JUAN	State NM	Lease Number(s) NMNM76842
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Allottee/Tribe Name	Well Pad Name BETONNIE TSOSIE WASH UNIT	Well Pad Number 305H, 306H, 721H	APD ID 10400081329

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	378	9.625	36	K-55		ST&C		
00	INTERMEDIATE	8.75	0	5575	7.0	26	K-55		LT&C		
00	LINER	6.125	5402	11750	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	505	2.14	0	III	158	1.71	3739	240.6
00	LINER		III	525	1.52	5402					142.1

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		5756	5401	6	L-80		ST&C	

Operator Name DJR OPERATING LLC	Well Name BETONNIE TSOSIE WASH UNIT	Well Number 721H	US Well Number 3004538329
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Allottee/Tribe Name	Well Pad Name BETONNIE TSOSIE WASH UNIT	Well Pad Number 305H, 306H, 721H	APD ID 10400081329

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 721H	US Well Number 3004538329
SHL NWNE Sec 21 23N 8W	County SAN JUAN	State NM	Lease Number(s) NMNM76842
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Allottee/Tribe Name	Well Pad Name BETONNIE TSOSIE WASH UNIT	Well Pad Number 305H, 306H, 721H	APD ID 10400081329

BTWU_721H_Surveys_Final_2_20240718132842.pdf

BTWU_721H_AsDrilled_Plat_and_WBD_BLM_20240718132849.pdf

From: blm-afmss-notifications@blm.gov
To: [Shaw Ford](#)
Subject: Well Name: BETONNIE TSOSIE WASH UNIT, Well Number: 721H, Notification of Well Completion Acceptance
Date: Thursday, July 18, 2024 3:00:27 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: **721H**
- US Well Number: **3004538329**
- Well Completion Report Id: **WCR2024071892341**

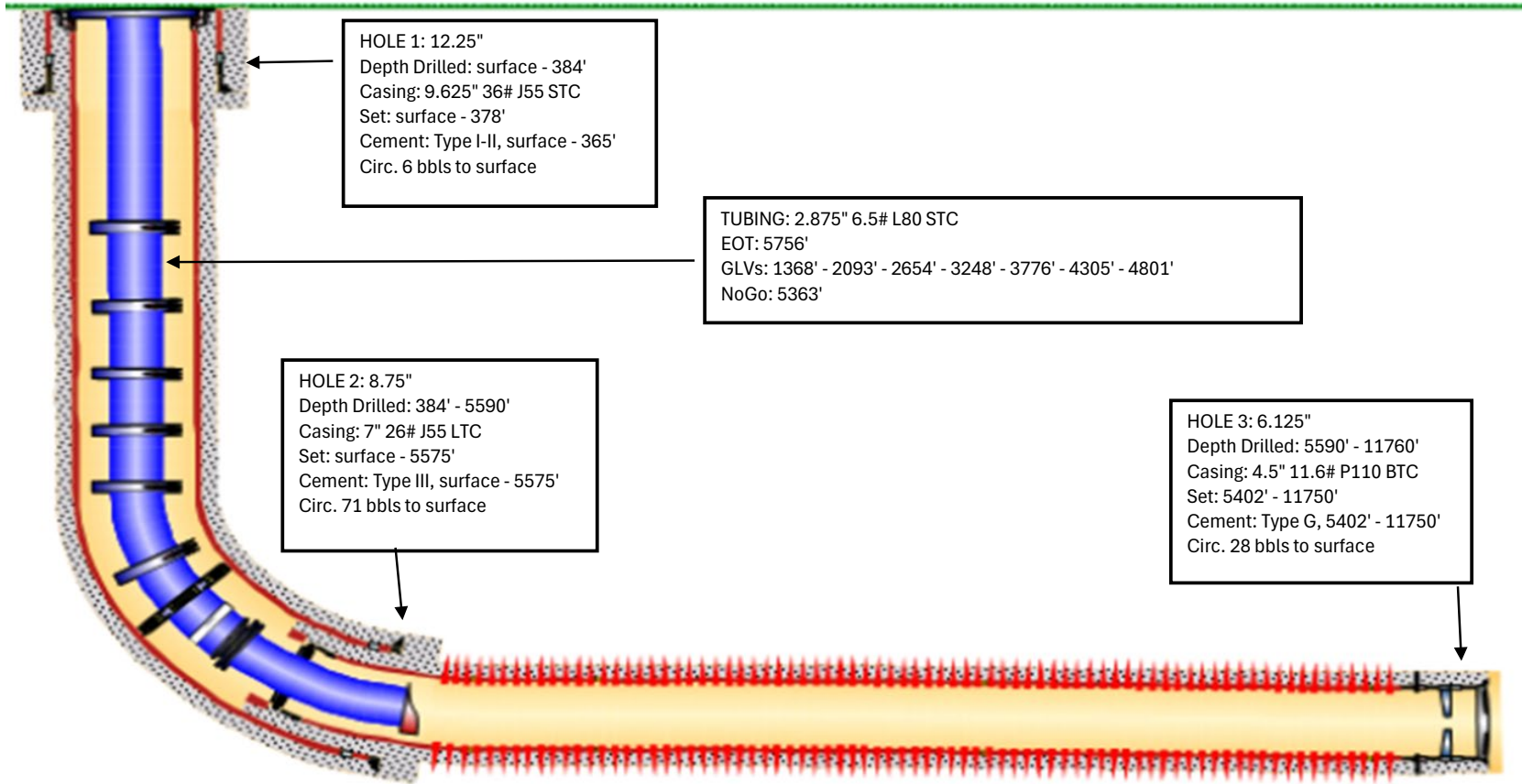
This notification is automatically generated. Please do not reply to this message as this account is not monitored.

BETONNIE TSOSIE WASH UNIT 721H

API: 30-045-38329
 SHL: NWNE B-21-23N-08W
 387' FNL x 2064' FEL

Page 25 of 27
 Elevation: 6837' GL
 Spud Date: 4/8/2024
 Completed Date: 6/22/2024

FORMATION	MD	TVD
Ojo Alamo	762'	762'
Kirtland	832'	832'
Fruitland	1021'	1020'
Pictured Cliffs	1383'	1372'
Lewis	1525'	1504'
Chacra	1789'	1741'
Menefee	3041'	2860'
Point Lookout	4049'	3774'
Mancos	4246'	3966'
KOP~	4745'	4432'
Gallup	4932'	4642'



Perf:	31 Stages	Frac:	31 Stages
Depth:	5507' - 11691' MD	78,292	bbls of fluid
	4989' - 5024' TVD	6,200,308	lbs of proppant
		0	N2
Total of 930 Open Holes			

(NAD83)	LAT.	LONG.
SHL:	36.218799	-107.685308
FTP:	36.219140	-107.679711
LTP:	36.206953	-107.664962
BHL:	36.206869	-107.664854

BHL: SWSE O-22-23N-08W
 622' FSL x 1453' FEL

11,760'	TD
5,005'	TVD
11,738'	PBTD
Closed 11,711'	FracSleeve

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

ACKNOWLEDGMENTS

Action 386156

ACKNOWLEDGMENTS

Operator: DJR OPERATING, LLC 200 Energy Court Farmington, NM 87401	OGRID:
	371838
	Action Number:
	386156
Action Type:	
[C-104] Completion Packet - New Well (C-104NW)	

ACKNOWLEDGMENTS

☒	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
☒	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.
☒	I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
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Phone:(575) 748-1283 Fax:(575) 748-9720
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1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 386156

CONDITIONS

Operator: DJR OPERATING, LLC 200 Energy Court Farmington, NM 87401	OGRID: 371838
	Action Number: 386156
	Action Type: [C-104] Completion Packet - New Well (C-104NW)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	10/30/2024