

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 401H	Property Code: 325179
Mineral Owner: ☐ State ☐ Fee ☒ Tribal ☒ Federal	API Number: 30-045-38330
Pool Name: BETONNIE TSOSIE WASH UNIT MANCOS OIL	Pool Code: 98175

Section 2 – Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
H	28	23N	8W		1651' NORTH	461' EAST	36.200677	-107.679305	SAN JUAN

Section 3 – Completion Information

Producing Method FLOWING	Ready Date 6/29/2024	Perforations MD 5746' – 12710'	Perforations TVD 4955' – 5011'
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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): 340296	Communitization Agreement ☐ Yes ☒ No, Order No.
Surface Casing Action ID: 314175	Unit: ☒ Yes ☐ No, Order No. R-13930 / R-13930A
Intermediate 1 Casing Action ID: 325624	Compulsory Pooling: ☐ Yes ☒ No, Order No.
Intermediate 2 Casing Action ID:	Down Hole Commingling: ☐ Yes ☒ No, Order No.
Production Casing Action ID: 328766	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: 328766	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 9/19/2024

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 30-045-38330	Pool Code 98175	Pool Name BETONNIE TSOSIE WASH UNIT MANCOS OIL POOL
Property Code 325179	Property Name BETONNIE TSOSIE WASH UNIT	Well Number 401H
OGRID No. 371838	Operator Name DJR OPERATING, LLC	Ground Level Elevation 6864'
Surface Owner: ☐ State ☐ Fee ☐ Tribal ☒ Federal		Mineral Owner: ☐ State ☐ Fee ☐ Tribal ☒ Federal

Surface Location (SHL)

UL H	Section 28	Township 23N	Range 8W	Lot	Ft from the N/S 1651' NORTH	Ft from the E/W 461' EAST	Latitude 36.200677° N	Longitude 107.679305° W	County SAN JUAN
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Bottom Hole Location (BHL)

UL D	Section 21	Township 23N	Range 8W	Lot	Ft from the N/S 725' NORTH	Ft from the E/W 243' WEST	Latitude 36.217872° N	Longitude 107.695346° W	County SAN JUAN
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Dedicated Acres PENETRATED SPACING UNIT; SEC 27: NW/NW (40 AC.); SEC 28: NE/NE (40 AC.); SEC 21: SE/SE, SW/SE, NW/SE, NE/SW, SE/NW, SW/NW & NW/NW (280 AC.) = 360 ACRES	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N) N	Consolidation Code U
Order Numbers: R-13930 R-13930A		Well Setbacks are under Common Ownership: ☐ Yes ☐ No		

Kick Off Point (KOP)

UL A	Section 28	Township 23N	Range 8W	Lot	Ft from the N/S 561' NORTH	Ft from the E/W 103' EAST	Latitude 36.203680° N	Longitude 107.678076° W	County SAN JUAN
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Fist Take Point (FTP)

UL A	Section 28	Township 23N	Range 8W	Lot	Ft from the N/S 561' NORTH	Ft from the E/W 103' EAST	Latitude 36.203680° N	Longitude 107.678076° W	County SAN JUAN
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Last Take Point (LTP)

UL D	Section 31	Township 23N	Range 8W	Lot	Ft from the N/S 725' NORTH	Ft from the E/W 243' WEST	Latitude 36.217872° N	Longitude 107.695346° W	County SAN JUAN
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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

8/16/2024

Date

Shaw-Marie Ford

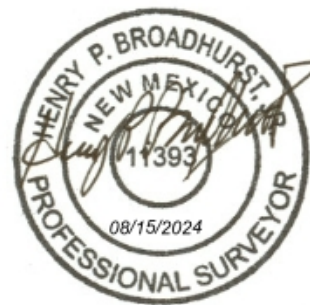
Printed Name

sford@enduringresources.com

E-mail Address

SURVEYOR CERTIFICATIONS

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



Signature and Seal of Professional Surveyor:

Certificate Number

11393

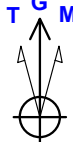
Date of Survey

MARCH 8, 2021

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.



LAST TAKE POINT (LTP) ☐
725' FNL 243' FWL
SEC. 21, T23N, R8W
LAT 36.217872° N (NAD83)
LONG. 107.695346° W (NAD83)





Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Betonnie Tsosie Wash Unit 401H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB=6864+25 @ 6889.00ft (Aztec 1000)
Site:	Betonnie Tsosie Wash Unit (401, 402 & 732)	MD Reference:	RKB=6864+25 @ 6889.00ft (Aztec 1000)
Well:	Betonnie Tsosie Wash Unit 401H	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 (401, 402 & 732)				
Site Position:		Northing:	1,892,379.97	usft	Latitude:	36.20067700
From:	Lat/Long	Easting:	2,768,535.62	usft	Longitude:	-107.67930500
Position Uncertainty:		0.00	ft	Slot Radius:	13-3/16	"

Well	Betonnie Tsosie Wash Unit 401H, Surf loc: 1651 FNL 461 FEL Section 28-T23N-R08W					
Well Position	+N/-S	0.00 ft	Northing:	1,892,379.97 usft	Latitude:	36.20067700
	+E/-W	0.00 ft	Easting:	2,768,535.62 usft	Longitude:	-107.67930500
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	6,864.00 ft
Grid Convergence:		0.09 °				

Wellbore	Original Hole				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	2/14/2024	8.48	62.68	49,028.42749255

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	315.313	

Survey Program	Date	3/20/2024			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
420.00	5,309.00	MWD int (Original Hole)	MWD	OWSG MWD - Standard	
5,379.00	12,683.00	MWD (Original Hole)	MWD	OWSG MWD - Standard	
12,788.00	12,788.00	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	
420.00	1.42	197.450	419.96	-4.96	-1.56	-2.43	0.34	0.34	0.00	
MWD surveys										
515.00	0.53	69.590	514.95	-5.93	-1.50	-3.16	1.89	-0.94	-134.59	
610.00	0.44	67.580	609.94	-5.64	-0.75	-3.48	0.10	-0.09	-2.12	
705.00	0.53	89.580	704.94	-5.50	0.02	-3.93	0.22	0.09	23.16	
800.00	0.85	115.190	799.93	-5.80	1.10	-4.90	0.46	0.34	26.96	
894.00	0.88	311.500	893.93	-5.62	1.19	-4.83	1.82	0.03	-174.14	



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Betonnie Tsosie Wash Unit 401H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB=6864+25 @ 6889.00ft (Aztec 1000)
Site:	Betonnie Tsosie Wash Unit (401, 402 & 732)	MD Reference:	RKB=6864+25 @ 6889.00ft (Aztec 1000)
Well:	Betonnie Tsosie Wash Unit 401H	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)
989.00	2.67	33.730	988.89	-3.29	1.87	-3.66	2.84	1.88	86.56
1,084.00	5.55	49.840	1,083.64	1.51	6.61	-3.58	3.24	3.03	16.96
1,175.00	7.73	55.710	1,174.02	7.80	15.03	-5.03	2.51	2.40	6.45
1,270.00	9.85	56.170	1,267.90	15.92	27.06	-7.71	2.23	2.23	0.48
1,361.00	12.01	55.030	1,357.25	25.69	41.29	-10.78	2.39	2.37	-1.25
1,451.00	14.44	52.480	1,444.86	37.89	57.87	-13.76	2.78	2.70	-2.83
1,542.00	16.11	46.450	1,532.64	53.50	76.02	-15.42	2.53	1.84	-6.63
1,632.00	17.49	45.990	1,618.80	71.50	94.80	-15.83	1.54	1.53	-0.51
1,723.00	19.76	46.040	1,705.03	91.68	115.71	-16.19	2.49	2.49	0.05
1,812.00	21.77	51.220	1,788.25	112.47	139.41	-18.08	3.06	2.26	5.82
1,902.00	20.79	47.560	1,872.12	133.70	164.21	-20.42	1.83	-1.09	-4.07
1,994.00	22.54	50.200	1,957.62	156.01	189.81	-22.56	2.18	1.90	2.87
2,089.00	21.78	48.030	2,045.60	179.45	216.90	-24.95	1.18	-0.80	-2.28
2,184.00	23.28	53.240	2,133.36	202.47	245.05	-28.38	2.63	1.58	5.48
2,278.00	23.88	54.240	2,219.51	224.71	275.37	-33.89	0.77	0.64	1.06
2,373.00	24.69	54.070	2,306.10	247.59	307.04	-39.89	0.86	0.85	-0.18
2,468.00	24.53	54.580	2,392.47	270.66	339.18	-46.09	0.28	-0.17	0.54
2,563.00	23.60	51.310	2,479.22	293.98	370.09	-51.25	1.71	-0.98	-3.44
2,657.00	23.66	50.380	2,565.33	317.77	399.31	-54.89	0.40	0.06	-0.99
2,752.00	22.71	51.490	2,652.66	341.35	428.34	-58.54	1.10	-1.00	1.17
2,847.00	21.53	52.250	2,740.67	363.44	456.48	-62.62	1.28	-1.24	0.80
2,941.00	22.00	48.360	2,827.97	385.70	483.27	-65.64	1.61	0.50	-4.14
3,036.00	21.10	46.830	2,916.33	409.22	509.04	-67.04	1.12	-0.95	-1.61
3,131.00	22.53	49.690	3,004.53	432.69	535.40	-68.88	1.88	1.51	3.01
3,226.00	20.87	47.430	3,092.79	455.92	561.74	-70.90	1.96	-1.75	-2.38
3,320.00	23.37	51.270	3,179.87	478.91	588.62	-73.45	3.07	2.66	4.09
3,415.00	22.82	50.490	3,267.26	502.42	617.53	-77.07	0.66	-0.58	-0.82
3,510.00	21.11	46.750	3,355.36	525.87	644.21	-79.16	2.32	-1.80	-3.94
3,604.00	22.55	48.620	3,442.62	549.38	670.06	-80.62	1.70	1.53	1.99
3,699.00	21.63	45.930	3,530.65	573.60	696.31	-81.86	1.44	-0.97	-2.83
3,794.00	18.77	47.530	3,619.80	596.11	720.17	-82.64	3.07	-3.01	1.68
3,888.00	15.11	47.150	3,709.70	614.66	740.32	-83.62	3.90	-3.89	-0.40
3,983.00	13.09	53.740	3,801.84	629.44	758.07	-85.59	2.71	-2.13	6.94
4,078.00	9.43	50.020	3,895.00	640.81	772.72	-87.81	3.93	-3.85	-3.92
4,173.00	6.00	53.730	3,989.13	648.75	782.69	-89.18	3.65	-3.61	3.91
4,268.00	3.75	55.210	4,083.78	653.46	789.24	-90.44	2.37	-2.37	1.56
4,362.00	0.78	35.350	4,177.69	655.74	792.14	-90.85	3.22	-3.16	-21.13
4,457.00	0.50	28.710	4,272.69	656.63	792.71	-90.62	0.30	-0.29	-6.99
4,488.00	0.28	40.550	4,303.69	656.80	792.82	-90.58	0.75	-0.71	38.19
4,520.00	1.18	323.740	4,335.68	657.13	792.68	-90.25	3.59	2.81	-240.03
4,552.00	4.28	323.090	4,367.64	658.35	791.77	-88.74	9.69	9.69	-2.03
4,583.00	7.73	325.150	4,398.47	660.99	789.88	-85.54	11.15	11.13	6.65
4,615.00	10.59	324.580	4,430.06	665.15	786.95	-80.51	8.94	8.94	-1.78



Survey Report



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Well:	Betonnie Tsosie Wash Unit 401H	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)
4,647.00	12.99	323.200	4,461.38	670.43	783.09	-74.05	7.55	7.50	-4.31
4,678.00	15.64	321.300	4,491.42	676.48	778.39	-66.44	8.68	8.55	-6.13
4,710.00	18.44	320.070	4,522.01	683.73	772.44	-57.10	8.82	8.75	-3.84
4,741.00	21.11	317.820	4,551.18	691.63	765.54	-46.64	8.95	8.61	-7.26
4,773.00	23.73	316.690	4,580.76	700.58	757.26	-34.44	8.30	8.19	-3.53
4,805.00	26.37	317.670	4,609.74	710.52	748.05	-20.90	8.35	8.25	3.06
4,836.00	28.88	318.170	4,637.21	721.19	738.42	-6.54	8.13	8.10	1.61
4,868.00	31.64	317.450	4,664.85	733.14	727.59	9.56	8.70	8.63	-2.25
4,900.00	34.59	316.440	4,691.65	745.90	715.65	27.04	9.38	9.22	-3.16
4,931.00	37.68	314.680	4,716.68	758.95	702.85	45.31	10.51	9.97	-5.68
4,963.00	40.78	313.280	4,741.46	772.99	688.28	65.54	10.07	9.69	-4.38
4,994.00	43.89	312.630	4,764.38	787.21	673.00	86.40	10.13	10.03	-2.10
5,026.00	47.10	312.490	4,786.81	802.65	656.19	109.19	10.04	10.03	-0.44
5,057.00	50.48	312.520	4,807.23	818.40	639.00	132.48	10.90	10.90	0.10
5,089.00	54.28	313.010	4,826.76	835.61	620.40	157.80	11.94	11.88	1.53
5,121.00	58.68	314.710	4,844.42	854.10	601.18	184.46	14.44	13.75	5.31
5,152.00	61.47	314.450	4,859.89	872.95	582.04	211.32	9.03	9.00	-0.84
5,184.00	63.89	315.140	4,874.57	892.98	561.87	239.75	7.80	7.56	2.16
5,215.00	67.08	316.140	4,887.43	913.15	542.15	267.95	10.70	10.29	3.23
5,245.58	70.48	316.475	4,898.50	933.76	522.47	296.45	11.17	11.12	1.09
FTP @ 5245.58 MD 4898.50 TVD									
5,247.00	70.64	316.490	4,898.97	934.73	521.54	297.79	11.17	11.13	1.07
5,278.00	74.96	317.120	4,908.14	956.32	501.28	327.38	14.07	13.94	2.03
5,309.00	77.85	316.290	4,915.42	978.24	480.62	357.50	9.68	9.32	-2.68
5,355.90	79.15	316.961	4,924.78	1,011.65	449.06	403.45	3.11	2.77	1.43
9 5/8" Casing shoe @ 5355.90 MD 4924.78 TVD									
5,379.00	79.79	317.290	4,929.00	1,028.29	433.61	426.15	3.11	2.77	1.42
5,442.00	80.44	316.390	4,939.81	1,073.56	391.15	488.19	1.75	1.03	-1.43
5,536.00	86.55	314.800	4,950.46	1,140.25	325.83	581.54	6.71	6.50	-1.69
5,631.00	89.44	315.080	4,953.78	1,207.30	258.63	676.47	3.06	3.04	0.29
5,725.00	89.39	315.140	4,954.74	1,273.90	192.29	770.46	0.08	-0.05	0.06
5,819.00	88.69	314.930	4,956.32	1,340.39	125.88	864.45	0.78	-0.74	-0.22
5,913.00	88.33	314.910	4,958.76	1,406.75	59.34	958.41	0.38	-0.38	-0.02
6,008.00	88.39	315.800	4,961.48	1,474.31	-7.39	1,053.37	0.94	0.06	0.94
6,102.00	87.67	315.190	4,964.71	1,541.31	-73.24	1,147.31	1.00	-0.77	-0.65
6,196.00	89.38	315.720	4,967.13	1,608.28	-139.16	1,241.28	1.90	1.82	0.56
6,289.00	89.48	316.500	4,968.05	1,675.30	-203.63	1,334.26	0.85	0.11	0.84
6,383.00	90.43	315.140	4,968.13	1,742.71	-269.14	1,428.26	1.76	1.01	-1.45
6,478.00	89.58	315.330	4,968.12	1,810.16	-336.03	1,523.26	0.92	-0.89	0.20
6,572.00	91.66	315.000	4,967.10	1,876.81	-402.30	1,617.25	2.24	2.21	-0.35
6,666.00	90.19	314.780	4,965.59	1,943.14	-468.89	1,711.23	1.58	-1.56	-0.23
6,760.00	92.25	317.300	4,963.58	2,010.78	-534.11	1,805.19	3.46	2.19	2.68
6,854.00	91.03	316.680	4,960.89	2,079.48	-598.21	1,899.11	1.46	-1.30	-0.66
6,948.00	91.41	319.460	4,958.89	2,149.39	-661.00	1,992.97	2.98	0.40	2.96



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Betonnie Tsosie Wash Unit 401H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB=6864+25 @ 6889.00ft (Aztec 1000)
Site:	Betonnie Tsosie Wash Unit (401, 402 & 732)	MD Reference:	RKB=6864+25 @ 6889.00ft (Aztec 1000)
Well:	Betonnie Tsosie Wash Unit 401H	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)
7,042.00	89.83	316.730	4,957.87	2,219.34	-723.77	2,086.84	3.36	-1.68	-2.90
7,136.00	89.95	317.350	4,958.05	2,288.13	-787.83	2,180.79	0.67	0.13	0.66
7,231.00	90.37	316.280	4,957.79	2,357.40	-852.84	2,275.76	1.21	0.44	-1.13
7,324.00	89.37	315.860	4,958.00	2,424.37	-917.36	2,368.75	1.17	-1.08	-0.45
7,418.00	89.02	316.680	4,959.32	2,492.29	-982.33	2,462.73	0.95	-0.37	0.87
7,512.00	89.78	314.440	4,960.31	2,559.40	-1,048.14	2,556.71	2.52	0.81	-2.38
7,606.00	89.35	314.080	4,961.02	2,625.00	-1,115.46	2,650.70	0.60	-0.46	-0.38
7,701.00	88.62	313.640	4,962.70	2,690.81	-1,183.95	2,745.65	0.90	-0.77	-0.46
7,795.00	91.05	315.740	4,962.97	2,756.91	-1,250.76	2,839.63	3.42	2.59	2.23
7,889.00	90.21	315.460	4,961.94	2,824.07	-1,316.53	2,933.62	0.94	-0.89	-0.30
7,983.00	89.53	315.060	4,962.15	2,890.84	-1,382.69	3,027.62	0.84	-0.72	-0.43
8,076.00	88.92	315.050	4,963.41	2,956.65	-1,448.38	3,120.61	0.66	-0.66	-0.01
8,171.00	88.00	314.220	4,965.96	3,023.37	-1,515.96	3,215.57	1.30	-0.97	-0.87
8,265.00	89.17	314.470	4,968.28	3,089.06	-1,583.16	3,309.53	1.27	1.24	0.27
8,360.00	89.33	315.020	4,969.53	3,155.93	-1,650.63	3,404.51	0.60	0.17	0.58
8,454.00	89.19	314.890	4,970.74	3,222.34	-1,717.14	3,498.50	0.20	-0.15	-0.14
8,548.00	89.31	315.450	4,971.97	3,288.99	-1,783.41	3,592.49	0.61	0.13	0.60
8,642.00	90.31	317.080	4,972.28	3,356.91	-1,848.39	3,686.48	2.03	1.06	1.73
8,736.00	89.86	317.620	4,972.15	3,426.05	-1,912.08	3,780.42	0.75	-0.48	0.57
8,828.00	89.51	318.600	4,972.65	3,494.53	-1,973.50	3,872.30	1.13	-0.38	1.07
8,922.00	89.17	316.070	4,973.73	3,563.64	-2,037.20	3,966.23	2.72	-0.36	-2.69
9,016.00	88.97	316.200	4,975.26	3,631.41	-2,102.33	4,060.21	0.25	-0.21	0.14
9,110.00	91.42	315.390	4,974.94	3,698.78	-2,167.86	4,154.20	2.75	2.61	-0.86
9,204.00	90.91	316.030	4,973.03	3,766.06	-2,233.49	4,248.17	0.87	-0.54	0.68
9,299.00	89.94	314.810	4,972.32	3,833.72	-2,300.16	4,343.17	1.64	-1.02	-1.28
9,393.00	89.82	315.790	4,972.52	3,900.53	-2,366.28	4,437.17	1.05	-0.13	1.04
9,486.00	88.66	312.610	4,973.75	3,965.35	-2,432.94	4,530.13	3.64	-1.25	-3.42
9,580.00	88.30	313.130	4,976.25	4,029.28	-2,501.81	4,624.01	0.67	-0.38	0.55
9,674.00	89.71	313.190	4,977.88	4,093.57	-2,570.36	4,717.93	1.50	1.50	0.06
9,768.00	89.56	314.060	4,978.48	4,158.42	-2,638.40	4,811.88	0.94	-0.16	0.93
9,862.00	89.11	314.470	4,979.57	4,224.03	-2,705.71	4,905.86	0.65	-0.48	0.44
9,956.00	88.76	314.800	4,981.32	4,290.06	-2,772.59	4,999.84	0.51	-0.37	0.35
10,050.00	89.80	314.840	4,982.50	4,356.31	-2,839.26	5,093.82	1.11	1.11	0.04
10,143.00	89.23	314.920	4,983.29	4,421.93	-2,905.16	5,186.82	0.62	-0.61	0.09
10,237.00	89.60	316.730	4,984.25	4,489.34	-2,970.66	5,280.81	1.97	0.39	1.93
10,332.00	90.39	314.620	4,984.25	4,557.30	-3,037.03	5,375.80	2.37	0.83	-2.22
10,425.00	90.11	315.260	4,983.85	4,622.99	-3,102.86	5,468.79	0.75	-0.30	0.69
10,520.00	88.82	314.330	4,984.74	4,689.92	-3,170.27	5,563.78	1.67	-1.36	-0.98
10,614.00	88.10	313.790	4,987.26	4,755.27	-3,237.80	5,657.73	0.96	-0.77	-0.57
10,709.00	88.66	315.920	4,989.95	4,822.24	-3,305.11	5,752.68	2.32	0.59	2.24
10,803.00	86.86	315.160	4,993.62	4,889.28	-3,370.89	5,846.60	2.08	-1.91	-0.81
10,897.00	88.39	314.670	4,997.52	4,955.59	-3,437.40	5,940.52	1.71	1.63	-0.52
10,991.00	89.15	314.920	4,999.53	5,021.80	-3,504.09	6,034.49	0.85	0.81	0.27



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Betonnie Tsosie Wash Unit 401H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB=6864+25 @ 6889.00ft (Aztec 1000)
Site:	Betonnie Tsosie Wash Unit (401, 402 & 732)	MD Reference:	RKB=6864+25 @ 6889.00ft (Aztec 1000)
Well:	Betonnie Tsosie Wash Unit 401H	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)	
11,085.00	88.89	316.010	5,001.14	5,088.80	-3,570.01	6,128.47	1.19	-0.28	1.16	
11,179.00	91.88	315.410	5,000.51	5,156.07	-3,635.64	6,222.46	3.24	3.18	-0.64	
11,273.00	91.02	314.640	4,998.13	5,222.55	-3,702.05	6,316.43	1.23	-0.91	-0.82	
11,366.00	91.27	314.950	4,996.27	5,288.06	-3,768.04	6,409.40	0.43	0.27	0.33	
11,460.00	90.69	314.840	4,994.67	5,354.40	-3,834.62	6,503.39	0.63	-0.62	-0.12	
11,554.00	89.88	314.850	4,994.20	5,420.68	-3,901.26	6,597.38	0.86	-0.86	0.01	
11,648.00	89.13	314.200	4,995.01	5,486.59	-3,968.27	6,691.37	1.06	-0.80	-0.69	
11,742.00	89.31	313.990	4,996.29	5,552.00	-4,035.78	6,785.34	0.29	0.19	-0.22	
11,836.00	88.54	313.510	4,998.05	5,616.99	-4,103.67	6,879.29	0.97	-0.82	-0.51	
11,930.00	90.05	314.610	4,999.21	5,682.35	-4,171.21	6,973.25	1.99	1.61	1.17	
12,025.00	90.14	314.490	4,999.05	5,748.99	-4,238.91	7,068.24	0.16	0.09	-0.13	
12,119.00	89.76	315.620	4,999.13	5,815.53	-4,305.31	7,162.24	1.27	-0.40	1.20	
12,213.00	89.11	315.460	5,000.06	5,882.61	-4,371.15	7,256.23	0.71	-0.69	-0.17	
12,307.00	88.89	315.920	5,001.70	5,949.87	-4,436.80	7,350.22	0.54	-0.23	0.49	
12,401.00	88.13	315.800	5,004.15	6,017.30	-4,502.24	7,444.18	0.82	-0.81	-0.13	
12,495.00	89.11	316.230	5,006.41	6,084.92	-4,567.50	7,538.15	1.14	1.04	0.46	
12,588.00	88.94	316.580	5,007.99	6,152.26	-4,631.62	7,631.11	0.42	-0.18	0.38	
12,683.00	88.04	315.580	5,010.50	6,220.66	-4,697.49	7,726.07	1.42	-0.95	-1.05	
Survey @ 12683.00 MD 5010.50 TVD										
12,734.80	88.04	315.580	5,012.27	6,257.64	-4,733.73	7,777.84	0.00	0.00	0.00	
LTP @ 12734.80 MD 5012.27 TVD										
12,744.00	88.04	315.580	5,012.58	6,264.21	-4,740.16	7,787.03	0.00	0.00	0.00	
330 ppd @ 12744.00 MD 5012.58 TVD										
12,788.00	88.04	315.580	5,014.09	6,295.61	-4,770.94	7,831.01	0.00	0.00	0.00	
Survey proj. to 12788 MD 5014.09 TVD 679 FNL 215 FWL										

Design Annotations					
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates			
		+N/-S (ft)	+E/-W (ft)	Comment	
420.00	419.96	-4.96	-1.56	MWD surveys	
5,245.58	4,898.50	933.76	522.47	FTP @ 5245.58 MD 4898.50 TVD	
5,355.90	4,924.78	1,011.65	449.06	9 5/8" Casing shoe @ 5355.90 MD 4924.78 TVD	
12,683.00	5,010.50	6,220.66	-4,697.49	Survey @ 12683.00 MD 5010.50 TVD	
12,734.80	5,012.27	6,257.64	-4,733.73	LTP @ 12734.80 MD 5012.27 TVD	
12,744.00	5,012.58	6,264.21	-4,740.16	330 ppd @ 12744.00 MD 5012.58 TVD	
12,788.00	5,014.09	6,295.61	-4,770.94	Survey proj. to 12788 MD 5014.09 TVD 679 FNL 215 FWL	



Survey Report - Geographic



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Betonnie Tsosie Wash Unit 401H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB=6864+25 @ 6889.00ft (Aztec 1000)
Site:	Betonnie Tsosie Wash Unit (401, 402 & 732)	MD Reference:	RKB=6864+25 @ 6889.00ft (Aztec 1000)
Well:	Betonnie Tsosie Wash Unit 401H	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 (401, 402 & 732)				
Site Position:		Northing:	1,892,379.97 usft	Latitude:	36.20067700
From:	Lat/Long	Easting:	2,768,535.62 usft	Longitude:	-107.67930500
Position Uncertainty:	0.00 ft	Slot Radius:	13-3/16 "	Grid Convergence:	0.09 °

Well	Betonnie Tsosie Wash Unit 401H, Surf loc: 1651 FNL 461 FEL Section 28-T23N-R08W					
Well Position	+N/-S	0.00 ft	Northing:	1,892,379.97 usft	Latitude:	36.20067700
	+E/-W	0.00 ft	Easting:	2,768,535.62 usft	Longitude:	-107.67930500
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	6,864.00 ft

Wellbore	Original Hole				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	2/14/2024	8.48	62.68	49,028.42749255

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	315.313	

Survey Program	Date	3/20/2024			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
420.00	5,309.00	MWD int (Original Hole)	MWD	OWSG MWD - Standard	
5,379.00	12,683.00	MWD (Original Hole)	MWD	OWSG MWD - Standard	
12,788.00	12,788.00	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	1,892,379.97	2,768,535.62	36.20067700	-107.67930500
420.00	1.42	197.450	419.96	-4.96	-1.56	1,892,375.00	2,768,534.06	36.20066337	-107.67931032
MWD surveys									
515.00	0.53	69.590	514.95	-5.93	-1.50	1,892,374.03	2,768,534.11	36.20066070	-107.67931013
610.00	0.44	67.580	609.94	-5.64	-0.75	1,892,374.32	2,768,534.86	36.20066150	-107.67930759
705.00	0.53	89.580	704.94	-5.50	0.02	1,892,374.47	2,768,535.64	36.20066189	-107.67930495
800.00	0.85	115.190	799.93	-5.80	1.10	1,892,374.17	2,768,536.72	36.20066107	-107.67930130
894.00	0.88	311.500	893.93	-5.62	1.19	1,892,374.35	2,768,536.81	36.20066157	-107.67930100
989.00	2.67	33.730	988.89	-3.29	1.87	1,892,376.67	2,768,537.49	36.20066795	-107.67929867
1,084.00	5.55	49.840	1,083.64	1.51	6.61	1,892,381.48	2,768,542.23	36.20068113	-107.67928258



Survey Report - Geographic



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Bettonnie Tsosie Wash Unit 401H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB=6864+25 @ 6889.00ft (Aztec 1000)
Site:	Bettonnie Tsosie Wash Unit (401, 402 & 732)	MD Reference:	RKB=6864+25 @ 6889.00ft (Aztec 1000)
Well:	Bettonnie Tsosie Wash Unit 401H	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
1,175.00	7.73	55.710	1,174.02	7.80	15.03	1,892,387.77	2,768,550.65	36.20069836	-107.67925400
1,270.00	9.85	56.170	1,267.90	15.92	27.06	1,892,395.89	2,768,562.68	36.20072063	-107.67921319
1,361.00	12.01	55.030	1,357.25	25.69	41.29	1,892,405.65	2,768,576.91	36.20074738	-107.67916492
1,451.00	14.44	52.480	1,444.86	37.89	57.87	1,892,417.85	2,768,593.48	36.20078083	-107.67910867
1,542.00	16.11	46.450	1,532.64	53.50	76.02	1,892,433.46	2,768,611.63	36.20082364	-107.67904706
1,632.00	17.49	45.990	1,618.80	71.50	94.80	1,892,451.47	2,768,630.41	36.20087300	-107.67898332
1,723.00	19.76	46.040	1,705.03	91.68	115.71	1,892,471.65	2,768,651.32	36.20092835	-107.67891233
1,812.00	21.77	51.220	1,788.25	112.47	139.41	1,892,492.43	2,768,675.02	36.20098534	-107.67883189
1,902.00	20.79	47.560	1,872.12	133.70	164.21	1,892,513.66	2,768,699.82	36.20104356	-107.67874772
1,994.00	22.54	50.200	1,957.62	156.01	189.81	1,892,535.97	2,768,725.42	36.20110473	-107.67866083
2,089.00	21.78	48.030	2,045.60	179.45	216.90	1,892,559.41	2,768,752.52	36.20116901	-107.67856888
2,184.00	23.28	53.240	2,133.36	202.47	245.05	1,892,582.44	2,768,780.66	36.20123214	-107.67847334
2,278.00	23.88	54.240	2,219.51	224.71	275.37	1,892,604.67	2,768,810.99	36.20129309	-107.67837045
2,373.00	24.69	54.070	2,306.10	247.59	307.04	1,892,627.56	2,768,842.66	36.20135581	-107.67826298
2,468.00	24.53	54.580	2,392.47	270.66	339.18	1,892,650.63	2,768,874.79	36.20141905	-107.67815393
2,563.00	23.60	51.310	2,479.22	293.98	370.09	1,892,673.95	2,768,905.71	36.20148297	-107.67804902
2,657.00	23.66	50.380	2,565.33	317.77	399.31	1,892,697.74	2,768,934.92	36.20154819	-107.67794986
2,752.00	22.71	51.490	2,652.66	341.35	428.34	1,892,721.31	2,768,963.96	36.20161283	-107.67785133
2,847.00	21.53	52.250	2,740.67	363.44	456.48	1,892,743.40	2,768,992.09	36.20167339	-107.67775585
2,941.00	22.00	48.360	2,827.97	385.70	483.27	1,892,765.66	2,769,018.89	36.20173442	-107.67766490
3,036.00	21.10	46.830	2,916.33	409.22	509.04	1,892,789.18	2,769,044.66	36.20179893	-107.67757742
3,131.00	22.53	49.690	3,004.53	432.69	535.40	1,892,812.66	2,769,071.01	36.20186330	-107.67748798
3,226.00	20.87	47.430	3,092.79	455.92	561.74	1,892,835.88	2,769,097.36	36.20192698	-107.67739856
3,320.00	23.37	51.270	3,179.87	478.91	588.62	1,892,858.88	2,769,124.24	36.20199004	-107.67730733
3,415.00	22.82	50.490	3,267.26	502.42	617.53	1,892,882.39	2,769,153.15	36.20205449	-107.67720920
3,510.00	21.11	46.750	3,355.36	525.87	644.21	1,892,905.83	2,769,179.82	36.20211878	-107.67711865
3,604.00	22.55	48.620	3,442.62	549.38	670.06	1,892,929.35	2,769,205.68	36.20218326	-107.67703089
3,699.00	21.63	45.930	3,530.65	573.60	696.31	1,892,953.57	2,769,231.93	36.20224968	-107.67694179
3,794.00	18.77	47.530	3,619.80	596.11	720.17	1,892,976.07	2,769,255.79	36.20231139	-107.67686079
3,888.00	15.11	47.150	3,709.70	614.66	740.32	1,892,994.62	2,769,275.93	36.20236226	-107.67679241
3,983.00	13.09	53.740	3,801.84	629.44	758.07	1,893,009.41	2,769,293.69	36.20240280	-107.67673215
4,078.00	9.43	50.020	3,895.00	640.81	772.72	1,893,020.77	2,769,308.33	36.20243396	-107.67668246
4,173.00	6.00	53.730	3,989.13	648.75	782.69	1,893,028.71	2,769,318.30	36.20245573	-107.67664862
4,268.00	3.75	55.210	4,083.78	653.46	789.24	1,893,033.42	2,769,324.86	36.20246864	-107.67662638
4,362.00	0.78	35.350	4,177.69	655.74	792.14	1,893,035.70	2,769,327.75	36.20247488	-107.67661655
4,457.00	0.50	28.710	4,272.69	656.63	792.71	1,893,036.59	2,769,328.32	36.20247733	-107.67661460
4,488.00	0.28	40.550	4,303.69	656.80	792.82	1,893,036.77	2,769,328.44	36.20247781	-107.67661422
4,520.00	1.18	323.740	4,335.68	657.13	792.68	1,893,037.09	2,769,328.29	36.20247870	-107.67661470
4,552.00	4.28	323.090	4,367.64	658.35	791.77	1,893,038.31	2,769,327.38	36.20248206	-107.67661779
4,583.00	7.73	325.150	4,398.47	660.99	789.88	1,893,040.95	2,769,325.50	36.20248931	-107.67662417
4,615.00	10.59	324.580	4,430.06	665.15	786.95	1,893,045.11	2,769,322.56	36.20250076	-107.67663409
4,647.00	12.99	323.200	4,461.38	670.43	783.09	1,893,050.39	2,769,318.70	36.20251527	-107.67664714
4,678.00	15.64	321.300	4,491.42	676.48	778.39	1,893,056.44	2,769,314.00	36.20253192	-107.67666304
4,710.00	18.44	320.070	4,522.01	683.73	772.44	1,893,063.69	2,769,308.05	36.20255186	-107.67668316
4,741.00	21.11	317.820	4,551.18	691.63	765.54	1,893,071.59	2,769,301.16	36.20257359	-107.67670649
4,773.00	23.73	316.690	4,580.76	700.58	757.26	1,893,080.55	2,769,292.87	36.20259823	-107.67673453
4,805.00	26.37	317.670	4,609.74	710.52	748.05	1,893,090.49	2,769,283.67	36.20262558	-107.67676568
4,836.00	28.88	318.170	4,637.21	721.19	738.42	1,893,101.16	2,769,274.04	36.20265493	-107.67679826
4,868.00	31.64	317.450	4,664.85	733.14	727.59	1,893,113.10	2,769,263.20	36.20268779	-107.67683491
4,900.00	34.59	316.440	4,691.65	745.90	715.65	1,893,125.87	2,769,251.27	36.20272292	-107.67687530
4,931.00	37.68	314.680	4,716.68	758.95	702.85	1,893,138.91	2,769,238.46	36.20275880	-107.67691863
4,963.00	40.78	313.280	4,741.46	772.99	688.28	1,893,152.96	2,769,223.90	36.20279745	-107.67696792
4,994.00	43.89	312.630	4,764.38	787.21	673.00	1,893,167.18	2,769,208.62	36.20283659	-107.67701964
5,026.00	47.10	312.490	4,786.81	802.65	656.19	1,893,182.61	2,769,191.81	36.20287906	-107.67707652
5,057.00	50.48	312.520	4,807.23	818.40	639.00	1,893,198.37	2,769,174.62	36.20292241	-107.67713470



Survey Report - Geographic



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Bettonnie Tsosie Wash Unit 401H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB=6864+25 @ 6889.00ft (Aztec 1000)
Site:	Bettonnie Tsosie Wash Unit (401, 402 & 732)	MD Reference:	RKB=6864+25 @ 6889.00ft (Aztec 1000)
Well:	Bettonnie Tsosie Wash Unit 401H	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
5,089.00	54.28	313.010	4,826.76	835.61	620.40	1,893,215.57	2,769,156.02	36.20296977	-107.67719766
5,121.00	58.68	314.710	4,844.42	854.10	601.18	1,893,234.06	2,769,136.79	36.20302064	-107.67726272
5,152.00	61.47	314.450	4,859.89	872.95	582.04	1,893,252.92	2,769,117.66	36.20307252	-107.67732748
5,184.00	63.89	315.140	4,874.57	892.98	561.87	1,893,272.95	2,769,097.48	36.20312764	-107.67739574
5,215.00	67.08	316.140	4,887.43	913.15	542.15	1,893,293.11	2,769,077.77	36.20318312	-107.67746246
5,245.58	70.48	316.475	4,898.50	933.76	522.47	1,893,313.72	2,769,058.08	36.20323982	-107.67752908
FTP @ 5245.58 MD 4898.50 TVD									
5,247.00	70.64	316.490	4,898.97	934.73	521.54	1,893,314.69	2,769,057.16	36.20324250	-107.67753220
5,278.00	74.96	317.120	4,908.14	956.32	501.28	1,893,336.28	2,769,036.90	36.20330188	-107.67760076
5,309.00	77.85	316.290	4,915.42	978.24	480.62	1,893,358.21	2,769,016.23	36.20336221	-107.67767068
5,355.90	79.15	316.961	4,924.78	1,011.65	449.06	1,893,391.61	2,768,984.67	36.20345412	-107.67777747
9 5/8" Casing shoe @ 5355.90 MD 4924.78 TVD									
5,379.00	79.79	317.290	4,929.00	1,028.29	433.61	1,893,408.26	2,768,969.22	36.20349991	-107.67782976
5,442.00	80.44	316.390	4,939.81	1,073.56	391.15	1,893,453.53	2,768,926.77	36.20362446	-107.67797341
5,536.00	86.55	314.800	4,950.46	1,140.25	325.83	1,893,520.21	2,768,861.44	36.20380793	-107.67819446
5,631.00	89.44	315.080	4,953.78	1,207.30	258.63	1,893,587.27	2,768,794.25	36.20399244	-107.67842187
5,725.00	89.39	315.140	4,954.74	1,273.90	192.29	1,893,653.86	2,768,727.91	36.20417566	-107.67864636
5,819.00	88.69	314.930	4,956.32	1,340.39	125.88	1,893,720.36	2,768,661.49	36.20435863	-107.67887113
5,913.00	88.33	314.910	4,958.76	1,406.75	59.34	1,893,786.71	2,768,594.95	36.20454120	-107.67909630
6,008.00	88.39	315.800	4,961.48	1,474.31	-7.39	1,893,854.27	2,768,528.22	36.20472709	-107.67932212
6,102.00	87.67	315.190	4,964.71	1,541.31	-73.24	1,893,921.27	2,768,462.37	36.20491143	-107.67954497
6,196.00	89.38	315.720	4,967.13	1,608.28	-139.16	1,893,988.24	2,768,396.46	36.20509568	-107.67976803
6,289.00	89.48	316.500	4,968.05	1,675.30	-203.63	1,894,055.26	2,768,331.99	36.20528007	-107.67998620
6,383.00	90.43	315.140	4,968.13	1,742.71	-269.14	1,894,122.67	2,768,266.48	36.20546553	-107.68020789
6,478.00	89.58	315.330	4,968.12	1,810.16	-336.03	1,894,190.12	2,768,199.58	36.20565111	-107.68043428
6,572.00	91.66	315.000	4,967.10	1,876.81	-402.30	1,894,256.77	2,768,133.31	36.20583450	-107.68065855
6,666.00	90.19	314.780	4,965.59	1,943.14	-468.89	1,894,323.10	2,768,066.73	36.20601700	-107.68088390
6,760.00	92.25	317.300	4,963.58	2,010.78	-534.11	1,894,390.74	2,768,001.50	36.20620309	-107.68110464
6,854.00	91.03	316.680	4,960.89	2,079.48	-598.21	1,894,459.44	2,767,937.41	36.20639211	-107.68132152
6,948.00	91.41	319.460	4,958.89	2,149.39	-661.00	1,894,529.35	2,767,874.62	36.20658442	-107.68153399
7,042.00	89.83	316.730	4,957.87	2,219.34	-723.77	1,894,599.30	2,767,811.85	36.20677684	-107.68174639
7,136.00	89.95	317.350	4,958.05	2,288.13	-787.83	1,894,668.09	2,767,747.79	36.20696609	-107.68196317
7,231.00	90.37	316.280	4,957.79	2,357.40	-852.84	1,894,737.36	2,767,682.78	36.20715666	-107.68218317
7,324.00	89.37	315.860	4,958.00	2,424.37	-917.36	1,894,804.33	2,767,618.26	36.20734092	-107.68240152
7,418.00	89.02	316.680	4,959.32	2,492.29	-982.33	1,894,872.25	2,767,553.28	36.20752777	-107.68262140
7,512.00	89.78	314.440	4,960.31	2,559.40	-1,048.14	1,894,939.36	2,767,487.48	36.20771240	-107.68284411
7,606.00	89.35	314.080	4,961.02	2,625.00	-1,115.46	1,895,004.96	2,767,420.16	36.20789290	-107.68307196
7,701.00	88.62	313.640	4,962.70	2,690.81	-1,183.95	1,895,070.77	2,767,351.67	36.20807399	-107.68330376
7,795.00	91.05	315.740	4,962.97	2,756.91	-1,250.76	1,895,136.87	2,767,284.85	36.20825585	-107.68352991
7,889.00	90.21	315.460	4,961.94	2,824.07	-1,316.53	1,895,204.03	2,767,219.09	36.20844061	-107.68375248
7,983.00	89.53	315.060	4,962.15	2,890.84	-1,382.69	1,895,270.80	2,767,152.93	36.20862431	-107.68397641
8,076.00	88.92	315.050	4,963.41	2,956.65	-1,448.38	1,895,336.61	2,767,087.23	36.20880540	-107.68419875
8,171.00	88.00	314.220	4,965.96	3,023.37	-1,515.96	1,895,403.33	2,767,019.66	36.20898897	-107.68442746
8,265.00	89.17	314.470	4,968.28	3,089.06	-1,583.16	1,895,469.02	2,766,952.46	36.20916969	-107.68465492
8,360.00	89.33	315.020	4,969.53	3,155.93	-1,650.63	1,895,535.89	2,766,884.99	36.20935367	-107.68488327
8,454.00	89.19	314.890	4,970.74	3,222.34	-1,717.14	1,895,602.30	2,766,818.48	36.20953638	-107.68510840
8,548.00	89.31	315.450	4,971.97	3,288.99	-1,783.41	1,895,668.95	2,766,752.21	36.20971978	-107.68533268
8,642.00	90.31	317.080	4,972.28	3,356.91	-1,848.39	1,895,736.87	2,766,687.23	36.20990662	-107.68555260
8,736.00	89.86	317.620	4,972.15	3,426.05	-1,912.08	1,895,806.01	2,766,623.54	36.21009681	-107.68576812
8,828.00	89.51	318.600	4,972.65	3,494.53	-1,973.50	1,895,874.49	2,766,562.12	36.21028520	-107.68597600
8,922.00	89.17	316.070	4,973.73	3,563.64	-2,037.20	1,895,943.60	2,766,498.42	36.21047532	-107.68619155
9,016.00	88.97	316.200	4,975.26	3,631.41	-2,102.33	1,896,011.36	2,766,433.29	36.21066174	-107.68641198
9,110.00	91.42	315.390	4,974.94	3,698.78	-2,167.86	1,896,078.74	2,766,367.76	36.21084711	-107.68663379
9,204.00	90.91	316.030	4,973.03	3,766.06	-2,233.49	1,896,146.01	2,766,302.13	36.21103218	-107.68685590
9,299.00	89.94	314.810	4,972.32	3,833.72	-2,300.16	1,896,213.68	2,766,235.46	36.21121833	-107.68708158



Survey Report - Geographic



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Bettonnie Tsosie Wash Unit 401H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB=6864+25 @ 6889.00ft (Aztec 1000)
Site:	Bettonnie Tsosie Wash Unit (401, 402 & 732)	MD Reference:	RKB=6864+25 @ 6889.00ft (Aztec 1000)
Well:	Bettonnie Tsosie Wash Unit 401H	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
9,393.00	89.82	315.790	4,972.52	3,900.53	-2,366.28	1,896,280.49	2,766,169.34	36.21140215	-107.68730537
9,486.00	88.66	312.610	4,973.75	3,965.35	-2,432.94	1,896,345.31	2,766,102.68	36.21158049	-107.68753100
9,580.00	88.30	313.130	4,976.25	4,029.28	-2,501.81	1,896,409.24	2,766,033.81	36.21175640	-107.68776412
9,674.00	89.71	313.190	4,977.88	4,093.57	-2,570.36	1,896,473.53	2,765,965.26	36.21193328	-107.68799619
9,768.00	89.56	314.060	4,978.48	4,158.42	-2,638.40	1,896,538.38	2,765,897.22	36.21211172	-107.68822652
9,862.00	89.11	314.470	4,979.57	4,224.03	-2,705.71	1,896,603.99	2,765,829.91	36.21229222	-107.68845436
9,956.00	88.76	314.800	4,981.32	4,290.06	-2,772.59	1,896,670.02	2,765,763.03	36.21247389	-107.68868074
10,050.00	89.80	314.840	4,982.50	4,356.31	-2,839.26	1,896,736.27	2,765,696.36	36.21265616	-107.68890641
10,143.00	89.23	314.920	4,983.29	4,421.93	-2,905.16	1,896,801.89	2,765,630.46	36.21283670	-107.68912946
10,237.00	89.60	316.730	4,984.25	4,489.34	-2,970.66	1,896,869.30	2,765,564.97	36.21302215	-107.68935115
10,332.00	90.39	314.620	4,984.25	4,557.30	-3,037.03	1,896,937.26	2,765,498.59	36.21320910	-107.68957582
10,425.00	90.11	315.260	4,983.85	4,622.99	-3,102.86	1,897,002.95	2,765,432.76	36.21338983	-107.68979864
10,520.00	88.82	314.330	4,984.74	4,689.92	-3,170.27	1,897,069.88	2,765,365.35	36.21357396	-107.69002682
10,614.00	88.10	313.790	4,987.26	4,755.27	-3,237.80	1,897,135.22	2,765,297.83	36.21375374	-107.69025540
10,709.00	88.66	315.920	4,989.95	4,822.24	-3,305.11	1,897,202.20	2,765,230.51	36.21393800	-107.69048326
10,803.00	86.86	315.160	4,993.62	4,889.28	-3,370.89	1,897,269.23	2,765,164.73	36.21412242	-107.69070593
10,897.00	88.39	314.670	4,997.52	4,955.59	-3,437.40	1,897,335.54	2,765,098.22	36.21430485	-107.69093106
10,991.00	89.15	314.920	4,999.53	5,021.80	-3,504.09	1,897,401.76	2,765,031.53	36.21448702	-107.69115681
11,085.00	88.89	316.010	5,001.14	5,088.80	-3,570.01	1,897,468.75	2,764,965.62	36.21467132	-107.69137993
11,179.00	91.88	315.410	5,000.51	5,156.07	-3,635.64	1,897,536.03	2,764,899.99	36.21485640	-107.69160208
11,273.00	91.02	314.640	4,998.13	5,222.55	-3,702.05	1,897,602.50	2,764,833.57	36.21503928	-107.69182691
11,366.00	91.27	314.950	4,996.27	5,288.06	-3,768.04	1,897,668.02	2,764,767.59	36.21521951	-107.69205027
11,460.00	90.69	314.840	4,994.67	5,354.40	-3,834.62	1,897,734.35	2,764,701.01	36.21540201	-107.69227565
11,554.00	89.88	314.850	4,994.20	5,420.68	-3,901.26	1,897,800.64	2,764,634.36	36.21558437	-107.69250125
11,648.00	89.13	314.200	4,995.01	5,486.59	-3,968.27	1,897,866.55	2,764,567.35	36.21576570	-107.69272811
11,742.00	89.31	313.990	4,996.29	5,552.00	-4,035.78	1,897,931.95	2,764,499.85	36.21594564	-107.69295662
11,836.00	88.54	313.510	4,998.05	5,616.99	-4,103.67	1,897,996.94	2,764,431.96	36.21612444	-107.69318646
11,930.00	90.05	314.610	4,999.21	5,682.35	-4,171.21	1,898,062.30	2,764,364.42	36.21630426	-107.69341510
12,025.00	90.14	314.490	4,999.05	5,748.99	-4,238.91	1,898,128.95	2,764,296.72	36.21648761	-107.69364429
12,119.00	89.76	315.620	4,999.13	5,815.53	-4,305.31	1,898,195.48	2,764,230.31	36.21667063	-107.69386908
12,213.00	89.11	315.460	5,000.06	5,882.61	-4,371.15	1,898,262.57	2,764,164.48	36.21685519	-107.69409194
12,307.00	88.89	315.920	5,001.70	5,949.87	-4,436.80	1,898,329.82	2,764,098.83	36.21704020	-107.69431418
12,401.00	88.13	315.800	5,004.15	6,017.30	-4,502.24	1,898,397.26	2,764,033.38	36.21722571	-107.69453570
12,495.00	89.11	316.230	5,006.41	6,084.92	-4,567.50	1,898,464.87	2,763,968.12	36.21741170	-107.69475661
12,588.00	88.94	316.580	5,007.99	6,152.26	-4,631.62	1,898,532.21	2,763,904.01	36.21759695	-107.69497366
12,683.00	88.04	315.580	5,010.50	6,220.66	-4,697.49	1,898,600.62	2,763,838.13	36.21778512	-107.69519664
Survey @ 12683.00 MD 5010.50 TVD									
12,734.80	88.04	315.580	5,012.27	6,257.64	-4,733.73	1,898,637.59	2,763,801.90	36.21788684	-107.69531931
LTP @ 12734.80 MD 5012.27 TVD									
12,744.00	88.04	315.580	5,012.58	6,264.21	-4,740.16	1,898,644.16	2,763,795.46	36.21790491	-107.69534109
330 ppd @ 12744.00 MD 5012.58 TVD									
12,788.00	88.04	315.580	5,014.09	6,295.61	-4,770.94	1,898,675.57	2,763,764.69	36.21799131	-107.69544528
Survey proj. to 12788 MD 5014.09 TVD 679 FNL 215 FWL									



Survey Report - Geographic



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Betonnie Tsosie Wash Unit 401H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB=6864+25 @ 6889.00ft (Aztec 1000)
Site:	Betonnie Tsosie Wash Unit (401, 402 & 732)	MD Reference:	RKB=6864+25 @ 6889.00ft (Aztec 1000)
Well:	Betonnie Tsosie Wash Unit 401H	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)	
420.00	419.96	-4.96	-1.56	MWD surveys
5,245.58	4,898.50	933.76	522.47	FTP @ 5245.58 MD 4898.50 TVD
5,355.90	4,924.78	1,011.65	449.06	9 5/8" Casing shoe @ 5355.90 MD 4924.78 TVD
12,683.00	5,010.50	6,220.66	-4,697.49	Survey @ 12683.00 MD 5010.50 TVD
12,734.80	5,012.27	6,257.64	-4,733.73	LTP @ 12734.80 MD 5012.27 TVD
12,744.00	5,012.58	6,264.21	-4,740.16	330 ppd @ 12744.00 MD 5012.58 TVD
12,788.00	5,014.09	6,295.61	-4,770.94	Survey proj. to 12788 MD 5014.09 TVD 679 FNL 215 FWL

South Formations				North Formations			
Formation/Zone	MD	TVD	W/O/G	Formation/Zone	MD	TVD	W/O/G
T. Anhy				T. San Jose			
T. Salt				T. Nacimiento	0	0	W
B. Salt				T. Ojo Alamo	664	664	G, W
T. Yates				T. Kirtland	749	749	G,W
T. 7 Rivers				T. Fruitland	944	944	G,W
T. Queen				T. Pictured Cliffs	1310	1309	G, W
T. Grayburg				T. Lewis Shale	1422	1419	G,W
T. San Andres				T. Chacra	1673	1659	G, W
T. Glorieta				T. Cliff House	2856	2753	G,W
T. Yeso				T. Menefee	2873	2753	G, W
T. Paddock				T. Point Lookout	3906	3728	G,W
T. Blinebry				T. Mancos	4086	3903	O, G
T.Tubb				T. Gallup	4770	4579	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

07/16/2024

Operator Name DJR OPERATING LLC	Well Name BETONNIE TSOSIE WASH UNIT	Well Number 401H	US Well Number 3004538330
SHL SENE Sec 28 23N 8W	County SAN JUAN	State NM	Lease Number(s) NMNM50999
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 401H, 402H, 732H	APD ID 10400081399

Section 1 - General

Well Completion Report Id: 92291**Submission Date:** 07-12-2024**BLM Office:** Farmington Field Office**User:** SHAW-MARIE FORD**Title:** Regulatory Specialist**Federal/Indian:** FEDERAL**Lease Number:** NMNM50999**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:** 02-09-2024**Date Total Measured Depth Reached:** 03-20-2024**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 401H	US Well Number 3004538330
SHL SENE Sec 28 23N 8W	County SAN JUAN	State NM	Lease Number(s) NMNM50999
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Section 3 - Geologic

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral
OJO ALAMAO	SANDSTONE		6864	664	664	USEABLE WATER	
KIRTLAND	SHALE		6067	749	749	NONE	
FRUITLAND	COAL		5815	944	944	NATURAL GAS	
PICTURED CLIFFS	SANDSTONE		5510	1309	1310	USEABLE WATER	
LEWIS	SHALE		5388	1419	1422	NONE	
CHACRA	SANDSTONE		4793	1659	1673	NONE	
MENEFEE	COAL, SANDSTONE		4048	2753	2873	NATURAL GAS	
POINT LOOKOUT	SANDSTONE		3096	3728	3906	NONE	
MANCOS	SHALE		2925	3903	4086	NONE	
GALLUP	SANDSTONE		2007	4579	4770	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 401H	US Well Number 3004538330
SHL SENE Sec 28 23N 8W	County SAN JUAN	State NM	Lease Number(s) NMNM50999
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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	NMNM50999	NEW		POW	06-29-2024	07-01-2024	GALLUP	5746	12710	Y	.3	1050	OPEN

Treatment Data

Wellbore Code	Completion Code	Interval Number	Interval Treated?	Treatment Type	Tottle Fluid (bbls)	Total Proppant (lbs)	Treatment Remarks
00	S1	1	Y	FRAC	107190	9100696	Chemical Disclosure uploaded to FracFocus on 6/7/2024.

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 401H	US Well Number 3004538330
SHL SENE Sec 28 23N 8W	County SAN JUAN	State NM	Lease Number(s) NMNM50999
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 401H, 402H, 732H	APD ID 10400081399

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	07/03/2024	24	287	2186	617	7616	42/64	221		785

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	36.200677	-107.679305	6864	N/A	N/A	FEDERAL	NMNM50999				1651	FNL	461	FEL	23N	8W	28	SENE
KOP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.200677	-107.679305	6502	362	362	FEDERAL	NMNM50999				1651	FNL	461	FEL	23N	8W	28	SENE
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.21104	-107.679869	1850	12710	5014	FEDERAL	NMNM136161				2143	FSL	2633	FWL	23N	8W	21	NESW
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.205208	-107.679869	1850	12710	5014	FEDERAL	NMNM76842				1	FSL	634	FEL	23N	8W	21	SESE

Operator Name DJR OPERATING LLC	Well Name BETONNIE TSOSIE WASH UNIT	Well Number 401H	US Well Number 3004538330
SHL SENE Sec 28 23N 8W	County SAN JUAN	State NM	Lease Number(s) NMNM50999
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 401H, 402H, 732H	APD ID 10400081399

	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	36.20324	-107.677529	1909	5746	4955	FEDERAL	NMNM120376				722	FNL	59	FWL	23N	8W	27	NWNW
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.203413	-107.677729	1850	12710	5014	FEDERAL	NMNM50999				659	FNL	1	FEL	23N	8W	28	NENE
EXIT Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.21104	-107.695319	1850	12710	5014	FEDERAL	NMNM136161				719	FNL	251	FWL	23N	8W	21	NWNW
BHL Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.217991	-107.695445	1850	12788	5014	FEDERAL	NMNM136161				681	FNL	216	FWL	23N	8W	21	NWNW

Casing, Liner and Tubing

Operator Name DJR
OPERATING LLC

Well Name BETONNIE
TSOSIE WASH UNIT

Well Number 401H

US Well Number 3004538330

SHL SENE Sec 28 23N 8W

County SAN JUAN

State NM

Lease Number(s)
NMNM50999

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 401H,
402H, 732H

APD ID 10400081399

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	357	9.625	36	K-55		ST&C		
00	INTERMEDIATE	8.75	0	5356	7.0	26	K-55		LT&C		
00	LINER	6.125	5197	12768	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	485	2.14	0	III	161	1.38	4063	224.4
00	LINER		G	605	1.52	5029					163.8

Tubing

Wellbore Code	Tubing Size	Describe Other	Tubing Setting Depth (MD/ft)	Packer Depth (MD/ft)	Tubing Weight	Tubing Grade	Describe Other	Tubing Coupling	Describe Other
00	2.875		5586	5219	6	L-80		ST&C	

Operator Name DJR OPERATING LLC	Well Name BETONNIE TSOSIE WASH UNIT	Well Number 401H	US Well Number 3004538330
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Allottee/Tribe Name	Well Pad Name BETONNIE TSOSIE WASH UNIT	Well Pad Number 401H, 402H, 732H	APD ID 10400081399

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: 07/12/2024
Street Address: 1 ROAD 3263		
City: AZTEC	State: NM	Zip: 87410
Phone: (505)632-3476		
Email address: SFORD@ENDURINGRESOURCES.COM		

Field

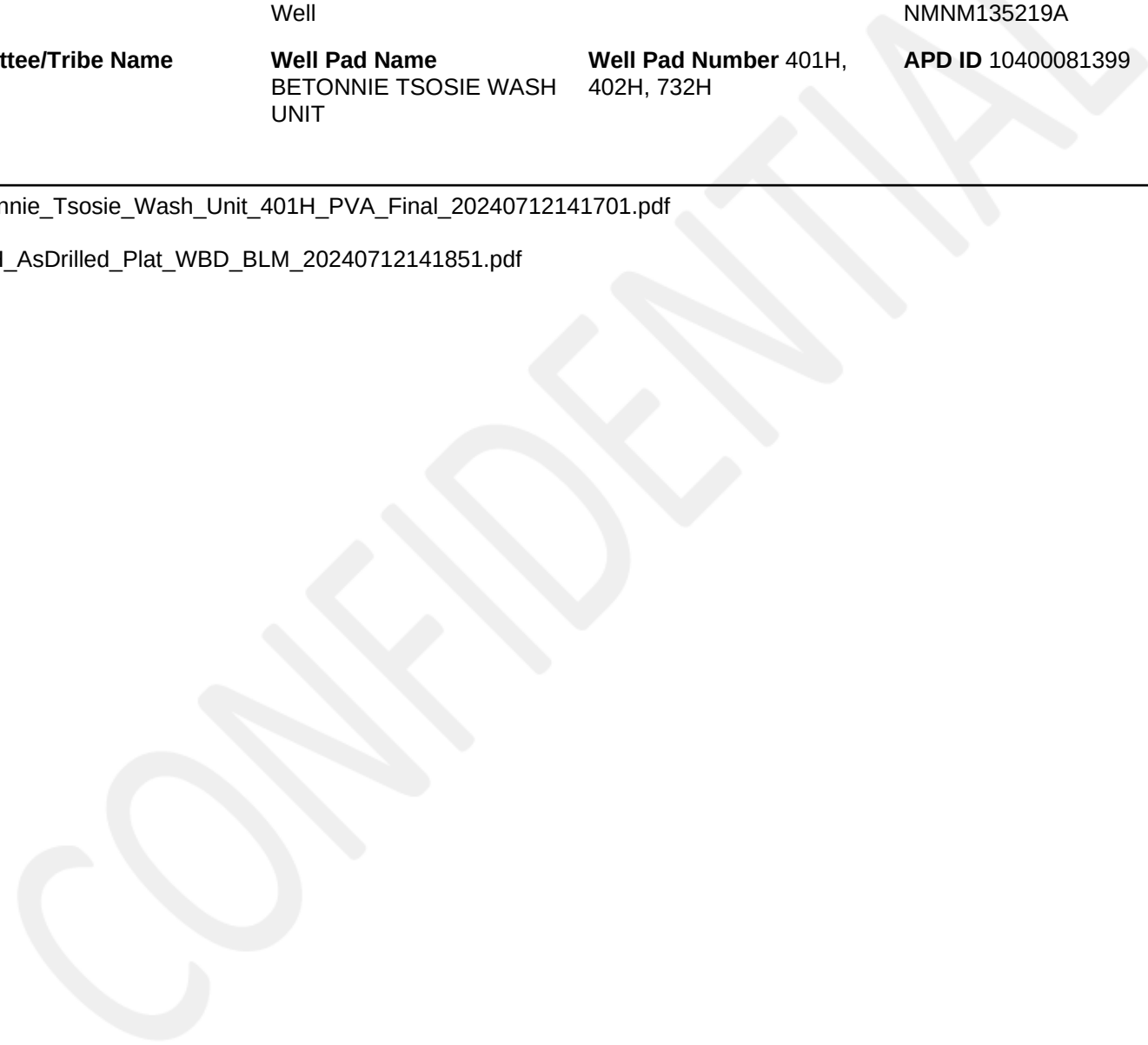
Representative Name:		
Street Address:		
City:	State:	Zip:
Phone:	Extension:	
Email address:		

Attachments

Operator Name DJR OPERATING LLC	Well Name BETONNIE TSOSIE WASH UNIT	Well Number 401H	US Well Number 3004538330
SHL SENE Sec 28 23N 8W	County SAN JUAN	State NM	Lease Number(s) NMNM50999
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 401H, 402H, 732H	APD ID 10400081399

Betonnies_Tsoses_Wash_Unit_401H_PVA_Final_20240712141701.pdf

401H_AsDrilled_Plat_WBD_BLM_20240712141851.pdf



From: blm-afmss-notifications@blm.gov
To: [Shaw Ford](#)
Subject: Well Name: BETONNIE TSOSIE WASH UNIT, Well Number: 401H, Notification of Well Completion Acceptance
Date: Monday, July 15, 2024 9:12:20 AM

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: **401H**
- US Well Number: **3004538330**
- Well Completion Report Id: **WCR2024071592291**

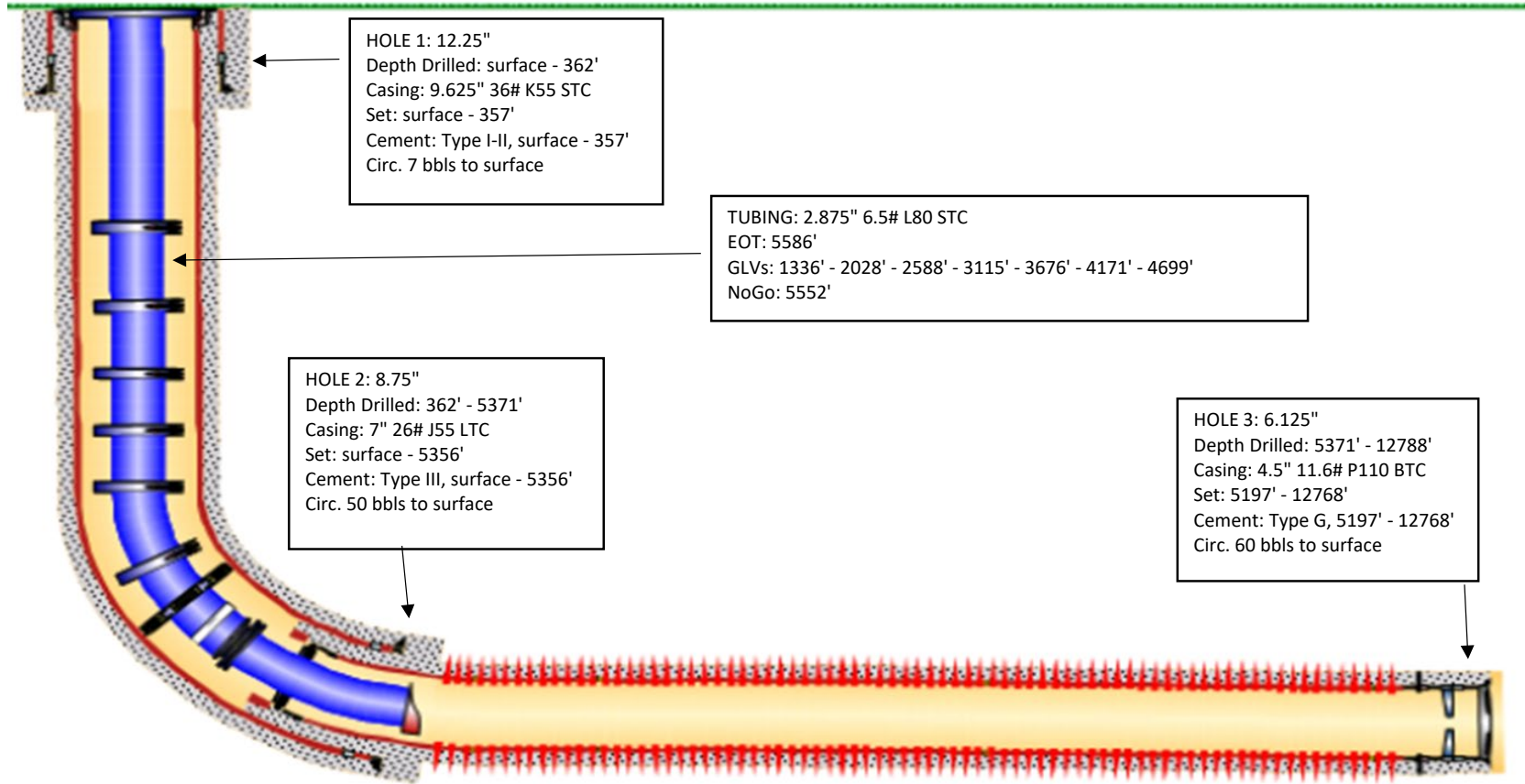
This notification is automatically generated. Please do not reply to this message as this account is not monitored.

BETONNIE TSOSIE WASH UNIT 401H

API: 30-045-38330
 SHL: SENE H-28-23N-08W
 1651' FNL x 461' FEL

Page 26 of 28
 Elevation: 6864' GL
 Spud Date: 2/9/2024
 Completed Date: 6/29/2024

FORMATION	MD	TVD
Ojo Alamo	664'	664'
Kirtland	749'	749'
Fruitland	944'	944'
Pictured Cliffs	1310'	1309'
Lewis	1422'	1419'
Chacra	1673'	1659'
Menefee	2873'	2753'
Point Lookout	3906'	3728'
Mancos	4086'	3903'
KOP~	4538'	4353'
Gallup	4770'	4579'
Target	12788'	5014'



Perf:	35 Stages	Frac:	35 Stages
Depth:	5746' - 12710' MD	107,190	bbls of fluid
	4955' - 5011' TVD	9,100,696	lbs of proppant
		0	bbls N2 foam
Total of 1050 Open Holes			

(NAD83)	LAT.	LONG.
SHL:	36.200677	-107.679305
FTP:	36.20324	-107.677529
LTP:	36.217887	-107.695319
BHL:	36.217991	-107.695445

BHL: NWNW D-21-23N-08W
 681' FNL x 216' FWL

12,788'	TD
5,014'	TVD
12,756'	PBTD
12,734'	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 385965

ACKNOWLEDGMENTS

Operator: DJR OPERATING, LLC 200 Energy Court Farmington, NM 87401	OGRID: 371838
	Action Number: 385965
	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
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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 385965

CONDITIONS

Operator: DJR OPERATING, LLC 200 Energy Court Farmington, NM 87401	OGRID: 371838
	Action Number: 385965
	Action Type: [C-104] Completion Packet - New Well (C-104NW)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	9/24/2024