

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

REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

Section 1 - Operator and Well Information

Submittal Type: ☐ Test Allowable (C-104RT) ☒ New Well (C-104NW) ☐ Recomplete (C-104RC) ☐ Pay Add (C-104RC) ☐ Amended	
Operator Name: DJR OPERATING LLC	OGRID: 371838
Property Name and Well Number: BETONNIE TSOSIE WASH UNIT 402H	Property Code: 325179
Mineral Owner: ☐ State ☐ Fee ☒ Tribal ☒ Federal	API Number: 30-045-38331
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		1657' NORTH	479' EAST	36.200659	-107.679369	SAN JUAN

Section 3 – Completion Information

Producing Method FLOWING	Ready Date 6/25/2024	Perforations MD 5300' – 11153'	Perforations TVD 4928' – 4986'
-----------------------------	-------------------------	-----------------------------------	-----------------------------------

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): 340302	Communitization Agreement ☐ Yes ☒ No, Order No.
Surface Casing Action ID: 316730	Unit: ☒ Yes ☐ No, Order No. R-13930 / R-13930A
Intermediate 1 Casing Action ID: 325625	Compulsory Pooling: ☐ Yes ☒ No, Order No.
Intermediate 2 Casing Action ID:	Down Hole Commingling: ☐ Yes ☒ No, Order No.
Production Casing Action ID: 328765	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: 328765	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 30-045-38331	Pool Code 98175	Pool Name BETONNIE TSOSIE WASH UNIT MANCOS OIL POOL
Property Code 325179	Property Name BETONNIE TSOSIE WASH UNIT	Well Number 402H
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	Section	Township	Range	Lot	Ft from the N/S	Ft from the E/W	Latitude	Longitude	County
H	28	23N	8W		1657' NORTH	479' EAST	36.200659° N	107.679369° 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
E	21	23N	8W		2500' NORTH	243' WEST	36.212996° N	107.695125° W	SAN JUAN

Dedicated Acres PENETRATED SPACING UNIT; SEC 28: NE/4 & NE/NW (200 AC.); SEC 21: SW/SE, SW/4 & SW/NW (240 AC.) = 440 ACRES	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N) N	Consolidation Code U
Order Numbers: R-13930 R-13930A		Well Setbacks are under Common Ownership: ☐ Yes ☐ No		

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft from the N/S	Ft from the E/W	Latitude	Longitude	County
H	28	23N	8W		1363' NORTH	986' EAST	36.201455° N	107.681081° 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
H	28	23N	8W		1363' NORTH	986' EAST	36.201455° N	107.681081° 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
E	21	23N	8W		2500' NORTH	243' WEST	36.212996° N	107.695125° W	SAN JUAN

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

OPERATOR CERTIFICATIONS

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

If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.

Shaw-Marie Ford
Signature

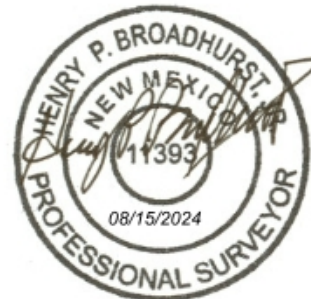
8/16/2024
Date

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

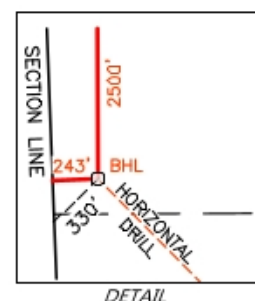
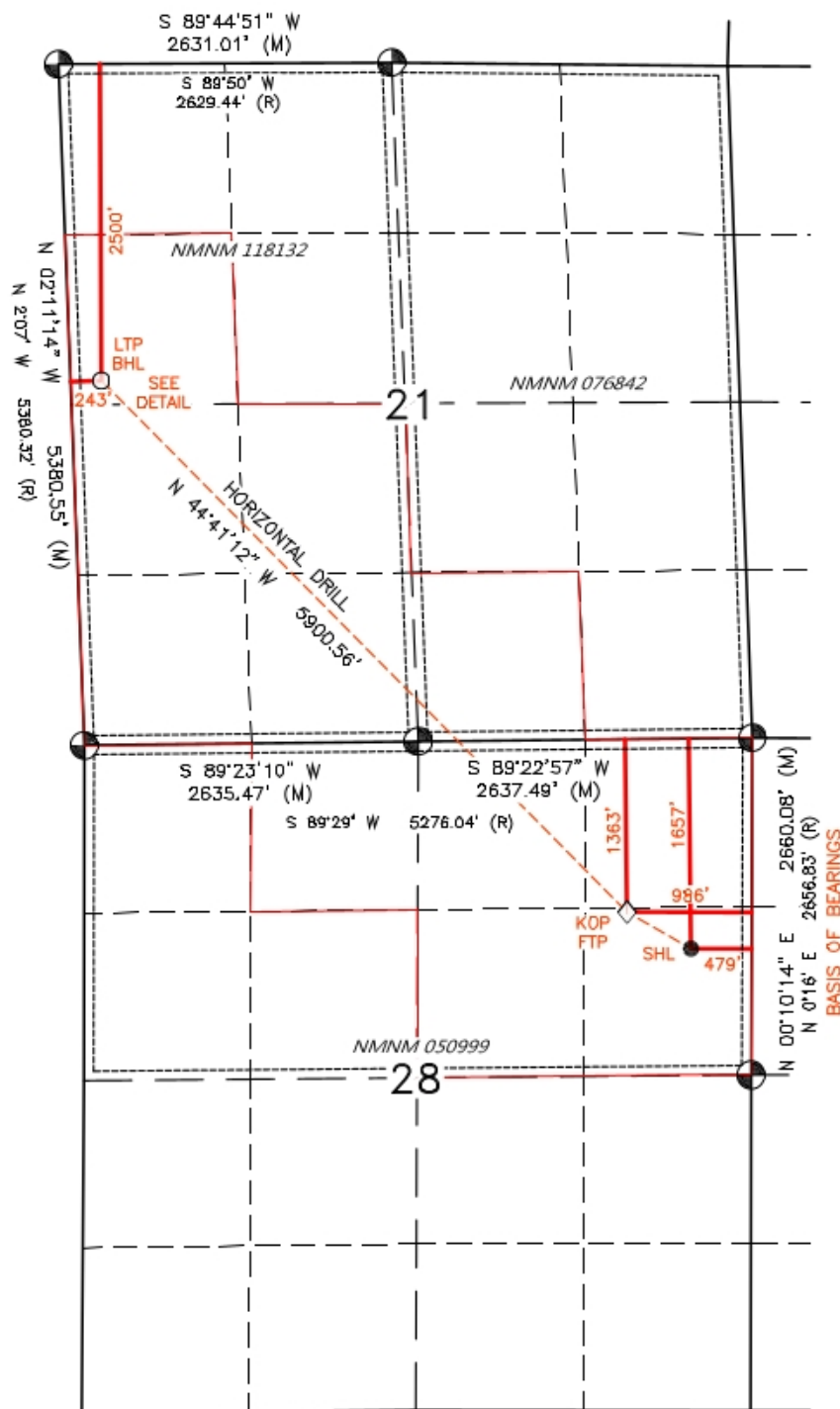
11393

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.

END 21/ BC
GLO 1947



SURFACE LOCATION (SHL)
1657' FNL 479' FEL
SEC. 28, T23N, R9W
LAT. 36.200659° N (NAD83)
LONG. 107.679369° W (NAD83)

FIRST TAKE POINT (FTP)
1363' FNL 986' FEL
SEC. 28, T23N, R8W
LAT. 36.201455° N (NAD83)
LONG. 107.681081° W (NAD83)

BOTTOM HOLE LOCATION (BHL)
2500' FNL 243' FWL
SEC. 21, T23N, R8W
LAT. 36.212996° N (NAD83)
LONG. 107.695125° W (NAD83)

KICK OFF POINT (KOP)
1363' FNL 986' FEL
SEC. 28, T23N, R8W
LAT. 36.201455° N (NAD83)
LONG. 107.681081° W (NAD83)

LAST TAKE POINT (LTP)
2500' FNL 243' FWL
SEC. 21, T23N, R8W
LAT. 36.212996° N (NAD83)
LONG. 107.695125° W (NAD83)



Well: **Betonnies Tsoie Wash Unit 402H**
Site: **Betonnies Tsoie Wash Unit (401, 402 & 732)**
Project: **San Juan County, New Mexico NAD83 NM W**
Design: **rev0**
Rig: **Aztec 1000**

ANNOTATIONS SURVEYS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Vsect	Annotation
420.00	0.85	166.810	419.98	-3.03	0.71	-2.66	MWD surveys
5057.00	69.85	315.860	4880.00	128.94	-345.10	334.35	FTP @ 5057.00 MD 4880.00 TVD
5198.00	80.25	317.481	4912.54	229.03	-438.53	471.23	9 5/8" Casing shoe @ 5198.00 MD 4912.54 TVD
11165.00	90.90	317.920	4975.25	4469.30	-4629.81	6433.33	Survey @ 11165.00 MD 4975.25 TVD
11178.00	90.90	317.920	4975.04	4478.95	-4638.52	6446.32	LTP @ 11178.00 MD 4975.04 TVD
11187.00	90.90	317.920	4974.90	4485.63	-4644.56	6455.31	330 ppd @ 11187.00 MD 4974.90 TVD
11231.00	90.90	317.920	4974.21	4518.28	-4674.04	6499.26	Survey proj. to 11231 MD 4974.21 TVD 2462 FNL 225 FWL

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=6864+25 @ 6889.00ft (Aztec 1000)

Surface location:
Northing 1892373.38 Easting 2768516.74 Latitude 36.20065900 Longitude -107.67936900

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

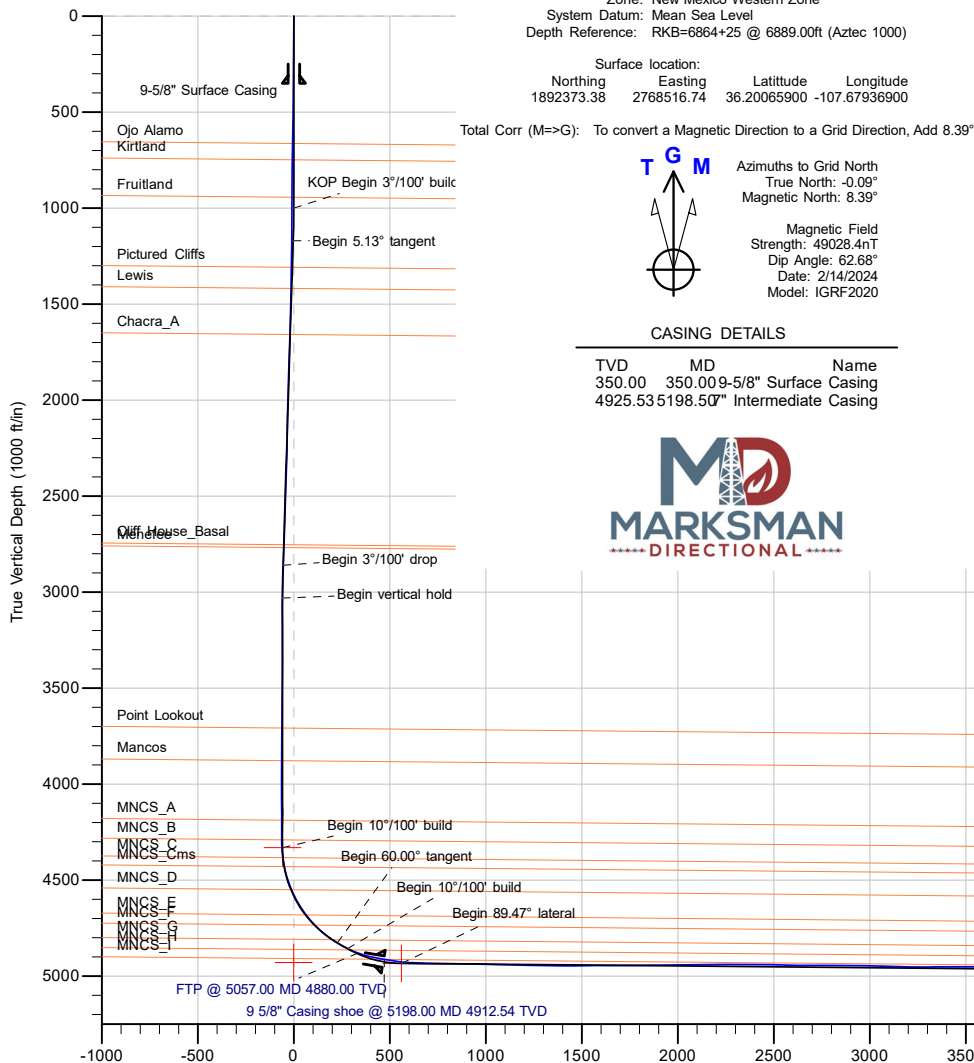


Azimuths to Grid North
True North: -0.09°
Magnetic North: 8.39°

Magnetic Field
Strength: 49028.4nT
Dip Angle: 62.68°
Date: 2/14/2024
Model: IGRF2020

CASING DETAILS

TVD	MD	Name
350.00	350.00	9-5/8" Surface Casing
4925.53	5198.50	Intermediate Casing



14:11, March 16 2024

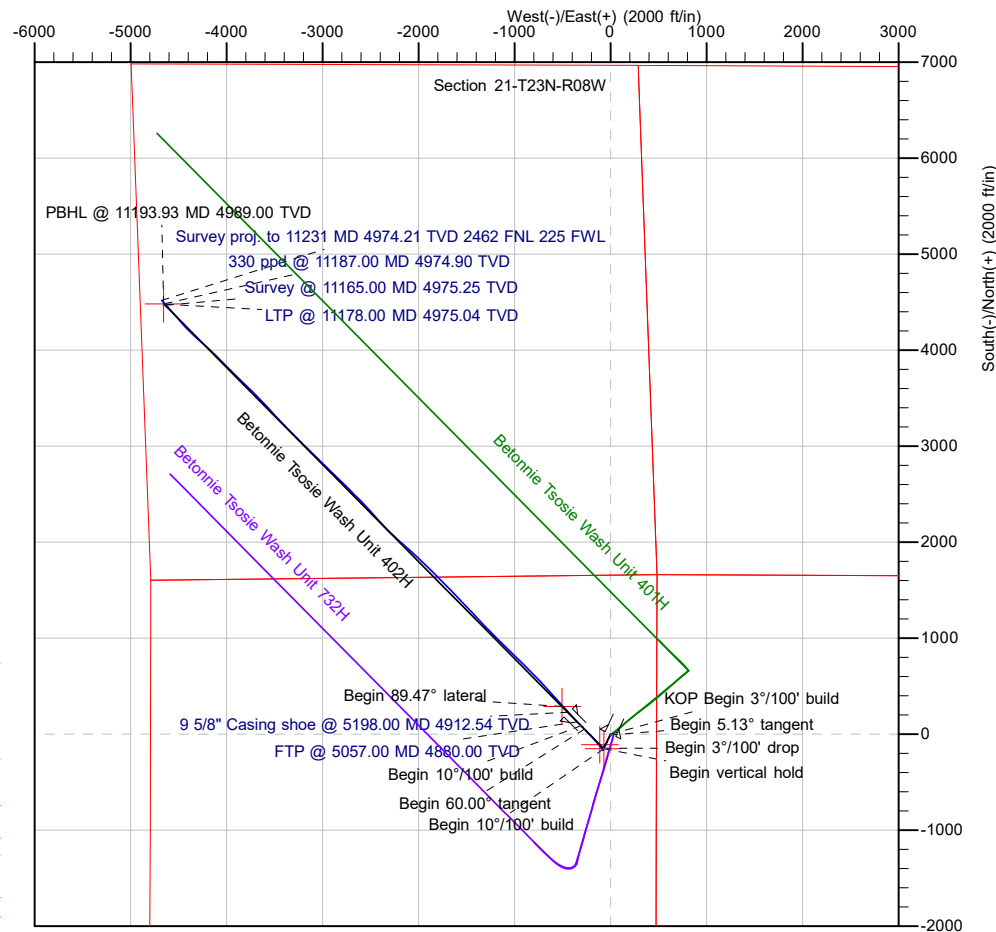
Vertical Section at 315.313° (1000 ft/in)

Section Details

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	Vsect	Annotation
1	0.00	0.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00	
2	1000.00	0.00	0.000	1000.00	0.00	0.00	0.00	0.00	0.00	KOP Begin 3"/100' build
3	1170.86	5.13	204.742	1170.63	-6.94	-3.20	3.00	204.74	-2.68	Begin 5.13" tangent
4	2867.67	5.13	204.742	2860.65	-144.61	-66.64	0.00	0.00	-55.95	Begin 3"/100' drop
5	3038.52	0.00	0.000	3031.28	-151.55	-69.84	3.00	180.00	-58.63	Begin vertical hold
6	4338.52	0.00	0.000	4331.28	-151.55	-69.84	0.00	0.00	-58.63	Begin 10"/100' build
7	4938.52	60.00	315.313	4827.48	52.12	-271.30	10.00	315.31	227.85	Begin 60.00" tangent
8	4998.52	60.00	315.313	4857.48	89.07	-307.84	0.00	0.00	279.81	Begin 10"/100' build
9	5293.20	89.47	315.313	4934.21	288.96	-505.56	10.00	0.00	560.97	Begin 89.47" lateral
10	11193.93	89.47	315.313	4989.00	4483.93	-4655.00	0.00	0.00	6461.45	PBHL @ 11193.93 MD 4989.00 TVD

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
Betonnies Tsoie 402H BHL 2500 FNL 243 FWL 330 ppd	4989.00	4483.93	-4655.00	1896857.30	2763861.75	36.21299600	-107.69512500
Betonnies Tsoie 402H FTP 1363 FNL 986 FEL	4934.21	288.96	-505.56	1892662.34	2768011.19	36.20145500	-107.68108100
Betonnies Tsoie 402H vert	4331.28	-151.55	-69.84	1892221.83	2768446.90	36.20024298	-107.67960653
Betonnies Tsoie 402H VS=0	4929.00	-109.86	-111.06	1892263.52	2768405.68	36.20035769	-107.67974602



LTP @ 11178.00 MD 4975.04 TVD
Survey @ 11165.00 MD 4975.25 TVD
330 ppd @ 11187.00 MD 4974.90 TVD

PBHL @ 11193.93 MD 4989.00 TVD
Survey proj. to 11231 MD 4974.21 TVD 2462 FNL 225 FWL



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Betonnie Tsosie Wash Unit 402H
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 402H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	MWD surveys	Database:	LT_Mar0724_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 402H, Surf loc: 1657 FNL 479 FEL Section 28-T23N-R08W					
Well Position	+N/-S	0.00 ft	Northing:	1,892,373.38 usft	Latitude:	36.20065900
	+E/-W	0.00 ft	Easting:	2,768,516.74 usft	Longitude:	-107.67936900
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	49,028.40927139

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	3/16/2024			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
420.00	5,152.00	MWD int (Original Hole)	UNKNOWN	OWSG UNKNOWN	
5,253.00	11,165.00	MWD (Original Hole)	MWD	OWSG MWD - Standard	
11,231.00	11,231.00	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	0.85	166.810	419.98	-3.03	0.71	-2.66	0.20	0.20	0.00	
MWD surveys										
515.00	1.01	172.650	514.97	-4.55	0.98	-3.92	0.20	0.17	6.15	
610.00	1.05	172.640	609.96	-6.24	1.20	-5.28	0.04	0.04	-0.01	
705.00	1.04	170.960	704.94	-7.96	1.44	-6.67	0.03	-0.01	-1.77	
800.00	1.38	161.270	799.92	-9.89	1.95	-8.40	0.42	0.36	-10.20	
894.00	0.19	85.420	893.91	-10.95	2.47	-9.52	1.43	-1.27	-80.69	



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Betonnie Tsosie Wash Unit 402H
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 402H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	MWD surveys	Database:	LT_Mar0724_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	0.07	208.740	988.91	-10.99	2.60	-9.64	0.25	-0.13	129.81
1,084.00	2.39	216.940	1,083.88	-12.62	1.38	-9.94	2.44	2.44	8.63
1,175.00	4.89	220.920	1,174.69	-17.07	-2.30	-10.52	2.76	2.75	4.37
1,269.00	4.67	215.300	1,268.36	-23.22	-7.14	-11.49	0.55	-0.23	-5.98
1,361.00	4.89	211.920	1,360.04	-29.61	-11.38	-13.05	0.39	0.24	-3.67
1,451.00	4.81	210.960	1,449.72	-36.10	-15.35	-14.87	0.13	-0.09	-1.07
1,542.00	3.91	208.350	1,540.46	-42.10	-18.78	-16.72	1.01	-0.99	-2.87
1,632.00	5.64	209.680	1,630.14	-48.65	-22.43	-18.81	1.93	1.92	1.48
1,722.00	5.56	207.640	1,719.71	-56.35	-26.64	-21.33	0.24	-0.09	-2.27
1,812.00	5.19	202.720	1,809.32	-63.97	-30.24	-24.21	0.66	-0.41	-5.47
1,902.00	4.81	201.850	1,898.98	-71.22	-33.21	-27.28	0.43	-0.42	-0.97
1,994.00	4.27	200.200	1,990.69	-78.02	-35.83	-30.27	0.60	-0.59	-1.79
2,089.00	5.83	216.070	2,085.32	-85.24	-39.89	-32.55	2.19	1.64	16.71
2,183.00	5.82	214.990	2,178.83	-93.00	-45.44	-34.17	0.12	-0.01	-1.15
2,278.00	6.01	216.820	2,273.33	-100.93	-51.18	-35.76	0.28	0.20	1.93
2,373.00	6.03	206.330	2,367.81	-109.38	-56.38	-38.12	1.16	0.02	-11.04
2,468.00	5.83	208.070	2,462.30	-118.11	-60.86	-41.18	0.28	-0.21	1.83
2,562.00	5.80	206.130	2,555.81	-126.59	-65.20	-44.15	0.21	-0.03	-2.06
2,657.00	5.37	205.320	2,650.36	-134.92	-69.21	-47.25	0.46	-0.45	-0.85
2,752.00	5.22	204.150	2,744.96	-142.88	-72.88	-50.33	0.19	-0.16	-1.23
2,846.00	4.92	204.250	2,838.59	-150.46	-76.29	-53.32	0.32	-0.32	0.11
2,941.00	3.46	188.500	2,933.34	-157.01	-78.38	-56.50	1.94	-1.54	-16.58
3,035.00	1.56	158.480	3,027.25	-161.00	-78.33	-59.38	2.39	-2.02	-31.94
3,130.00	0.35	352.110	3,122.24	-161.92	-77.90	-60.34	2.00	-1.27	-175.13
3,225.00	0.29	18.320	3,217.23	-161.40	-77.86	-59.99	0.16	-0.06	27.59
3,320.00	0.18	289.980	3,312.23	-161.12	-77.93	-59.75	0.35	-0.12	-92.99
3,415.00	0.13	214.170	3,407.23	-161.16	-78.13	-59.64	0.20	-0.05	-79.80
3,510.00	0.38	191.450	3,502.23	-161.56	-78.25	-59.83	0.28	0.26	-23.92
3,604.00	0.72	184.170	3,596.23	-162.45	-78.36	-60.40	0.37	0.36	-7.74
3,699.00	0.69	121.550	3,691.22	-163.35	-77.91	-61.34	0.77	-0.03	-65.92
3,793.00	0.64	118.460	3,785.22	-163.90	-76.97	-62.40	0.07	-0.05	-3.29
3,888.00	0.69	143.170	3,880.21	-164.61	-76.16	-63.47	0.30	0.05	26.01
3,983.00	0.55	285.170	3,975.21	-164.94	-76.26	-63.64	1.24	-0.15	149.47
4,078.00	0.55	247.360	4,070.20	-165.00	-77.12	-63.08	0.38	0.00	-39.80
4,173.00	0.64	237.060	4,165.20	-165.46	-77.98	-62.80	0.15	0.09	-10.84
4,267.00	0.83	250.820	4,259.19	-165.97	-79.07	-62.40	0.27	0.20	14.64
4,299.00	0.79	245.440	4,291.19	-166.14	-79.49	-62.22	0.27	-0.13	-16.81
4,330.00	1.61	304.260	4,322.18	-165.99	-80.04	-61.72	4.45	2.65	189.74
4,362.00	4.53	327.510	4,354.13	-164.67	-81.09	-60.04	9.74	9.13	72.66
4,394.00	7.61	329.940	4,385.95	-161.77	-82.83	-56.76	9.66	9.63	7.59
4,425.00	10.48	328.800	4,416.56	-157.58	-85.32	-52.03	9.28	9.26	-3.68
4,457.00	13.55	328.110	4,447.86	-151.90	-88.81	-45.54	9.60	9.59	-2.16
4,488.00	16.70	327.050	4,477.78	-145.08	-93.15	-37.64	10.20	10.16	-3.42



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Bettonnie Tsosie Wash Unit 402H
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 402H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	MWD surveys	Database:	LT_Mar0724_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)
4,520.00	19.49	324.210	4,508.19	-136.89	-98.78	-27.86	9.14	8.72	-8.88
4,552.00	22.00	320.550	4,538.12	-127.93	-105.71	-16.62	8.82	7.84	-11.44
4,583.00	24.75	318.070	4,566.57	-118.62	-113.74	-4.35	9.42	8.87	-8.00
4,614.00	27.80	318.290	4,594.37	-108.39	-122.88	9.36	9.84	9.84	0.71
4,646.00	30.43	319.230	4,622.32	-96.68	-133.14	24.90	8.34	8.22	2.94
4,678.00	33.28	319.480	4,649.50	-83.87	-144.14	41.74	8.92	8.91	0.78
4,710.00	36.26	319.490	4,675.78	-69.99	-156.00	59.94	9.31	9.31	0.03
4,741.00	39.04	318.570	4,700.32	-55.70	-168.41	78.83	9.15	8.97	-2.97
4,773.00	42.36	318.310	4,724.58	-40.09	-182.26	99.67	10.39	10.38	-0.81
4,804.00	45.81	317.190	4,746.84	-24.13	-196.76	121.21	11.41	11.13	-3.61
4,836.00	49.16	316.100	4,768.47	-6.99	-212.95	144.79	10.77	10.47	-3.41
4,868.00	52.79	316.120	4,788.61	10.92	-230.19	169.64	11.34	11.34	0.06
4,899.00	55.84	315.540	4,806.69	28.98	-247.73	194.82	9.96	9.84	-1.87
4,931.00	58.62	316.040	4,824.01	48.27	-266.49	221.72	8.79	8.69	1.56
4,963.00	60.45	315.920	4,840.24	68.10	-285.65	249.30	5.73	5.72	-0.38
4,994.00	63.18	315.500	4,854.88	87.66	-304.73	276.62	8.89	8.81	-1.35
5,025.00	66.40	315.600	4,868.08	107.68	-324.37	304.66	10.39	10.39	0.32
5,057.00	69.85	315.860	4,880.00	128.94	-345.10	334.35	10.81	10.78	0.81
FTP @ 5057.00 MD 4880.00 TVD									
5,089.00	73.27	316.380	4,890.12	150.82	-366.14	364.70	10.80	10.69	1.62
5,120.00	76.61	317.130	4,898.17	172.62	-386.64	394.62	11.02	10.77	2.42
5,152.00	80.02	317.440	4,904.65	195.64	-407.89	425.94	10.70	10.66	0.97
5,198.00	80.25	317.481	4,912.54	229.03	-438.53	471.23	0.50	0.50	0.09
9 5/8" Casing shoe @ 5198.00 MD 4912.54 TVD									
5,253.00	80.52	317.530	4,921.72	269.02	-475.17	525.41	0.50	0.50	0.09
5,347.00	88.51	317.420	4,930.70	337.92	-538.36	618.84	8.50	8.50	-0.12
5,441.00	88.53	318.800	4,933.13	407.87	-601.10	712.69	1.47	0.02	1.47
5,535.00	88.57	316.640	4,935.51	477.39	-664.32	806.58	2.30	0.04	-2.30
5,630.00	89.17	318.260	4,937.38	547.36	-728.54	901.49	1.82	0.63	1.71
5,724.00	89.17	314.970	4,938.74	615.66	-793.10	995.44	3.50	0.00	-3.50
5,818.00	87.67	314.280	4,941.34	681.66	-859.97	1,089.39	1.76	-1.60	-0.73
5,912.00	89.27	314.300	4,943.85	747.28	-927.23	1,183.34	1.70	1.70	0.02
6,007.00	89.12	314.400	4,945.18	813.68	-995.16	1,278.32	0.19	-0.16	0.11
6,101.00	88.81	314.400	4,946.88	879.44	-1,062.31	1,372.29	0.33	-0.33	0.00
6,195.00	90.82	315.240	4,947.18	945.69	-1,128.98	1,466.28	2.32	2.14	0.89
6,288.00	90.80	315.240	4,945.87	1,011.72	-1,194.46	1,559.27	0.02	-0.02	0.00
6,382.00	90.13	314.700	4,945.10	1,078.15	-1,260.96	1,653.27	0.92	-0.71	-0.57
6,477.00	89.66	316.640	4,945.28	1,146.10	-1,327.34	1,748.26	2.10	-0.49	2.04
6,571.00	91.35	317.230	4,944.45	1,214.77	-1,391.52	1,842.22	1.90	1.80	0.63
6,665.00	90.66	316.460	4,942.80	1,283.33	-1,455.80	1,936.17	1.10	-0.73	-0.82
6,759.00	90.56	317.240	4,941.80	1,351.91	-1,520.09	2,030.13	0.84	-0.11	0.83
6,853.00	90.43	314.770	4,940.99	1,419.53	-1,585.37	2,124.11	2.63	-0.14	-2.63
6,947.00	90.85	315.590	4,939.94	1,486.20	-1,651.62	2,218.10	0.98	0.45	0.87
7,041.00	89.91	315.780	4,939.31	1,553.45	-1,717.29	2,312.10	1.02	-1.00	0.20



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Betonnie Tsosie Wash Unit 402H
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 402H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	MWD surveys	Database:	LT_Mar0724_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)
7,135.00	89.13	315.240	4,940.10	1,620.51	-1,783.16	2,406.09	1.01	-0.83	-0.57
7,230.00	88.71	314.810	4,941.89	1,687.70	-1,850.29	2,501.07	0.63	-0.44	-0.45
7,323.00	88.97	315.340	4,943.78	1,753.53	-1,915.96	2,594.05	0.63	0.28	0.57
7,417.00	90.09	312.750	4,944.55	1,818.87	-1,983.51	2,688.02	3.00	1.19	-2.76
7,511.00	89.85	312.560	4,944.60	1,882.57	-2,052.65	2,781.92	0.33	-0.26	-0.20
7,605.00	89.11	310.610	4,945.45	1,944.95	-2,122.95	2,875.71	2.22	-0.79	-2.07
7,700.00	89.22	312.380	4,946.83	2,007.88	-2,194.09	2,970.48	1.87	0.12	1.86
7,794.00	88.33	314.090	4,948.84	2,072.26	-2,262.56	3,064.40	2.05	-0.95	1.82
7,888.00	88.18	313.870	4,951.71	2,137.50	-2,330.17	3,158.33	0.28	-0.16	-0.23
7,982.00	90.15	318.550	4,953.08	2,205.33	-2,395.19	3,252.27	5.40	2.10	4.98
8,075.00	90.15	319.020	4,952.83	2,275.29	-2,456.47	3,345.10	0.51	0.00	0.51
8,170.00	90.06	316.130	4,952.66	2,345.40	-2,520.55	3,440.02	3.04	-0.09	-3.04
8,264.00	89.96	316.010	4,952.64	2,413.10	-2,585.76	3,534.01	0.17	-0.11	-0.13
8,359.00	90.09	315.410	4,952.60	2,481.10	-2,652.10	3,629.01	0.65	0.14	-0.63
8,453.00	89.28	315.170	4,953.12	2,547.91	-2,718.23	3,723.01	0.90	-0.86	-0.26
8,547.00	88.14	313.590	4,955.23	2,613.63	-2,785.39	3,816.97	2.07	-1.21	-1.68
8,641.00	89.31	314.680	4,957.33	2,679.07	-2,852.84	3,910.92	1.70	1.24	1.16
8,735.00	89.71	314.820	4,958.13	2,745.24	-2,919.59	4,004.91	0.45	0.43	0.15
8,827.00	89.40	313.950	4,958.84	2,809.59	-2,985.34	4,096.90	1.00	-0.34	-0.95
8,921.00	89.29	313.090	4,959.92	2,874.32	-3,053.49	4,190.84	0.92	-0.12	-0.91
9,015.00	89.17	315.680	4,961.18	2,940.06	-3,120.66	4,284.81	2.76	-0.13	2.76
9,109.00	89.24	315.480	4,962.49	3,007.19	-3,186.45	4,378.80	0.23	0.07	-0.21
9,203.00	89.20	315.060	4,963.77	3,073.96	-3,252.59	4,472.79	0.45	-0.04	-0.45
9,298.00	88.67	314.280	4,965.53	3,140.74	-3,320.14	4,567.77	0.99	-0.56	-0.82
9,392.00	88.90	315.820	4,967.53	3,207.25	-3,386.54	4,661.75	1.66	0.24	1.64
9,485.00	89.67	317.060	4,968.69	3,274.63	-3,450.62	4,754.72	1.57	0.83	1.33
9,579.00	89.09	316.660	4,969.70	3,343.22	-3,514.89	4,848.68	0.75	-0.62	-0.43
9,673.00	89.02	316.640	4,971.25	3,411.56	-3,579.41	4,942.64	0.08	-0.07	-0.02
9,767.00	88.47	317.040	4,973.31	3,480.11	-3,643.69	5,036.58	0.72	-0.59	0.43
9,861.00	88.55	315.330	4,975.76	3,547.92	-3,708.74	5,130.54	1.82	0.09	-1.82
9,955.00	87.20	313.380	4,979.24	3,613.58	-3,775.90	5,224.45	2.52	-1.44	-2.07
10,049.00	89.37	314.430	4,982.06	3,678.74	-3,843.60	5,318.37	2.56	2.31	1.12
10,142.00	89.18	314.440	4,983.23	3,743.84	-3,910.00	5,411.36	0.20	-0.20	0.01
10,236.00	89.62	314.950	4,984.22	3,809.95	-3,976.81	5,505.35	0.72	0.47	0.54
10,331.00	89.14	315.000	4,985.24	3,877.09	-4,044.01	5,600.34	0.51	-0.51	0.05
10,424.00	90.66	315.040	4,985.41	3,942.87	-4,109.75	5,693.33	1.63	1.63	0.04
10,519.00	88.78	311.870	4,985.87	4,008.20	-4,178.70	5,788.27	3.88	-1.98	-3.34
10,613.00	91.04	311.700	4,986.02	4,070.83	-4,248.78	5,882.08	2.41	2.40	-0.18
10,708.00	91.42	313.050	4,983.98	4,134.84	-4,318.95	5,976.93	1.48	0.40	1.42
10,802.00	90.10	314.220	4,982.73	4,199.70	-4,386.97	6,070.88	1.88	-1.40	1.24
10,896.00	91.52	318.990	4,981.40	4,267.98	-4,451.53	6,164.82	5.29	1.51	5.07
10,990.00	91.46	318.680	4,978.96	4,338.72	-4,513.38	6,258.61	0.34	-0.06	-0.33
11,084.00	91.23	318.230	4,976.75	4,409.05	-4,575.70	6,352.44	0.54	-0.24	-0.48



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Betonnie Tsosie Wash Unit 402H
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 402H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	MWD surveys	Database:	LT_Mar0724_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)	
11,165.00	90.90	317.920	4,975.25	4,469.30	-4,629.81	6,433.33	0.56	-0.41	-0.38	
Survey @ 11165.00 MD 4975.25 TVD										
11,178.00	90.90	317.920	4,975.04	4,478.95	-4,638.52	6,446.32	0.00	0.00	0.00	
LTP @ 11178.00 MD 4975.04 TVD										
11,187.00	90.90	317.920	4,974.90	4,485.63	-4,644.56	6,455.31	0.00	0.00	0.00	
330 ppd @ 11187.00 MD 4974.90 TVD										
11,231.00	90.90	317.920	4,974.21	4,518.28	-4,674.04	6,499.26	0.00	0.00	0.00	
Survey proj. to 11231 MD 4974.21 TVD 2462 FNL 225 FWL										

Design Annotations					
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates			
		+N/-S (ft)	+E/-W (ft)	Comment	
420.00	419.98	-3.03	0.71	MWD surveys	
5,057.00	4,880.00	128.94	-345.10	FTP @ 5057.00 MD 4880.00 TVD	
5,198.00	4,912.54	229.03	-438.53	9 5/8" Casing shoe @ 5198.00 MD 4912.54 TVD	
11,165.00	4,975.25	4,469.30	-4,629.81	Survey @ 11165.00 MD 4975.25 TVD	
11,178.00	4,975.04	4,478.95	-4,638.52	LTP @ 11178.00 MD 4975.04 TVD	
11,187.00	4,974.90	4,485.63	-4,644.56	330 ppd @ 11187.00 MD 4974.90 TVD	
11,231.00	4,974.21	4,518.28	-4,674.04	Survey proj. to 11231 MD 4974.21 TVD 2462 FNL 225 FWL	



Survey Report - Geographic



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Betonnie Tsosie Wash Unit 402H
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 402H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	MWD surveys	Database:	LT_Mar0724_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 402H, Surf loc: 1657 FNL 479 FEL Section 28-T23N-R08W					
Well Position	+N/-S	0.00 ft	Northing:	1,892,373.38 usft	Latitude:	36.20065900
	+E/-W	0.00 ft	Easting:	2,768,516.74 usft	Longitude:	-107.67936900
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	49,028.40927139

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	3/16/2024			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
420.00	5,152.00	MWD int (Original Hole)	UNKNOWN	OWSG UNKNOWN	
5,253.00	11,165.00	MWD (Original Hole)	MWD	OWSG MWD - Standard	
11,231.00	11,231.00	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	1,892,373.38	2,768,516.74	36.20065900	-107.67936900
420.00	0.85	166.810	419.98	-3.03	0.71	1,892,370.35	2,768,517.46	36.20065066	-107.67936661
MWD surveys									
515.00	1.01	172.650	514.97	-4.55	0.98	1,892,368.83	2,768,517.72	36.20064650	-107.67936571
610.00	1.05	172.640	609.96	-6.24	1.20	1,892,367.14	2,768,517.94	36.20064184	-107.67936498
705.00	1.04	170.960	704.94	-7.96	1.44	1,892,365.43	2,768,518.19	36.20063713	-107.67936415
800.00	1.38	161.270	799.92	-9.89	1.95	1,892,363.49	2,768,518.69	36.20063182	-107.67936246
894.00	0.19	85.420	893.91	-10.95	2.47	1,892,362.43	2,768,519.21	36.20062890	-107.67936071
989.00	0.07	208.740	988.91	-10.99	2.60	1,892,362.39	2,768,519.34	36.20062880	-107.67936027
1,084.00	2.39	216.940	1,083.88	-12.62	1.38	1,892,360.76	2,768,518.12	36.20062431	-107.67936441



Survey Report - Geographic



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Bettonnie Tsosie Wash Unit 402H
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 402H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	MWD surveys	Database:	LT_Mar0724_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	4.89	220.920	1,174.69	-17.07	-2.30	1,892,356.31	2,768,514.44	36.20061211	-107.67937691
1,269.00	4.67	215.300	1,268.36	-23.22	-7.14	1,892,350.16	2,768,509.60	36.20059523	-107.67939333
1,361.00	4.89	211.920	1,360.04	-29.61	-11.38	1,892,343.78	2,768,505.37	36.20057771	-107.67940773
1,451.00	4.81	210.960	1,449.72	-36.10	-15.35	1,892,337.28	2,768,501.40	36.20055990	-107.67942122
1,542.00	3.91	208.350	1,540.46	-42.10	-18.78	1,892,331.28	2,768,497.96	36.20054342	-107.67943289
1,632.00	5.64	209.680	1,630.14	-48.65	-22.43	1,892,324.74	2,768,494.31	36.20052546	-107.67944529
1,722.00	5.56	207.640	1,719.71	-56.35	-26.64	1,892,317.03	2,768,490.10	36.20050432	-107.67945961
1,812.00	5.19	202.720	1,809.32	-63.97	-30.24	1,892,309.42	2,768,486.51	36.20048341	-107.67947184
1,902.00	4.81	201.850	1,898.98	-71.22	-33.21	1,892,302.16	2,768,483.53	36.20046349	-107.67948196
1,994.00	4.27	200.200	1,990.69	-78.02	-35.83	1,892,295.36	2,768,480.91	36.20044483	-107.67949087
2,089.00	5.83	216.070	2,085.32	-85.24	-39.89	1,892,288.14	2,768,476.85	36.20042502	-107.67950468
2,183.00	5.82	214.990	2,178.83	-93.00	-45.44	1,892,280.38	2,768,471.31	36.20040371	-107.67952351
2,278.00	6.01	216.820	2,273.33	-100.93	-51.18	1,892,272.45	2,768,465.56	36.20038196	-107.67954302
2,373.00	6.03	206.330	2,367.81	-109.38	-56.38	1,892,264.00	2,768,460.37	36.20035876	-107.67956067
2,468.00	5.83	208.070	2,462.30	-118.11	-60.86	1,892,255.27	2,768,455.89	36.20033480	-107.67957591
2,562.00	5.80	206.130	2,555.81	-126.59	-65.20	1,892,246.79	2,768,451.55	36.20031153	-107.67959066
2,657.00	5.37	205.320	2,650.36	-134.92	-69.21	1,892,238.47	2,768,447.53	36.20028867	-107.67960432
2,752.00	5.22	204.150	2,744.96	-142.88	-72.88	1,892,230.50	2,768,443.86	36.20026682	-107.67961680
2,846.00	4.92	204.250	2,838.59	-150.46	-76.29	1,892,222.93	2,768,440.46	36.20024602	-107.67962838
2,941.00	3.46	188.500	2,933.34	-157.01	-78.38	1,892,216.38	2,768,438.36	36.20022803	-107.67963552
3,035.00	1.56	158.480	3,027.25	-161.00	-78.33	1,892,212.38	2,768,438.41	36.20021705	-107.67963537
3,130.00	0.35	352.110	3,122.24	-161.92	-77.90	1,892,211.47	2,768,438.85	36.20021454	-107.67963390
3,225.00	0.29	18.320	3,217.23	-161.40	-77.86	1,892,211.98	2,768,438.88	36.20021595	-107.67963378
3,320.00	0.18	289.980	3,312.23	-161.12	-77.93	1,892,212.26	2,768,438.82	36.20021672	-107.67963400
3,415.00	0.13	214.170	3,407.23	-161.16	-78.13	1,892,212.22	2,768,438.62	36.20021662	-107.67963468
3,510.00	0.38	191.450	3,502.23	-161.56	-78.25	1,892,211.82	2,768,438.49	36.20021552	-107.67963510
3,604.00	0.72	184.170	3,596.23	-162.45	-78.36	1,892,210.93	2,768,438.39	36.20021307	-107.67963546
3,699.00	0.69	121.550	3,691.22	-163.35	-77.91	1,892,210.03	2,768,438.83	36.20021061	-107.67963396
3,793.00	0.64	118.460	3,785.22	-163.90	-76.97	1,892,209.49	2,768,439.78	36.20020910	-107.67963076
3,888.00	0.69	143.170	3,880.21	-164.61	-76.16	1,892,208.78	2,768,440.59	36.20020715	-107.67962802
3,983.00	0.55	285.170	3,975.21	-164.94	-76.26	1,892,208.44	2,768,440.49	36.20020622	-107.67962835
4,078.00	0.55	247.360	4,070.20	-165.00	-77.12	1,892,208.38	2,768,439.63	36.20020606	-107.67963127
4,173.00	0.64	237.060	4,165.20	-165.46	-77.98	1,892,207.92	2,768,438.76	36.20020479	-107.67963421
4,267.00	0.83	250.820	4,259.19	-165.97	-79.07	1,892,207.41	2,768,437.68	36.20020340	-107.67963789
4,299.00	0.79	245.440	4,291.19	-166.14	-79.49	1,892,207.24	2,768,437.26	36.20020294	-107.67963931
4,330.00	1.61	304.260	4,322.18	-165.99	-80.04	1,892,207.40	2,768,436.70	36.20020337	-107.67964119
4,362.00	4.53	327.510	4,354.13	-164.67	-81.09	1,892,208.72	2,768,435.65	36.20020700	-107.67964474
4,394.00	7.61	329.940	4,385.95	-161.77	-82.83	1,892,211.62	2,768,433.91	36.20021498	-107.67965062
4,425.00	10.48	328.800	4,416.56	-157.58	-85.32	1,892,215.81	2,768,431.42	36.20022650	-107.67965904
4,457.00	13.55	328.110	4,447.86	-151.90	-88.81	1,892,221.48	2,768,427.93	36.20024210	-107.67967083
4,488.00	16.70	327.050	4,477.78	-145.08	-93.15	1,892,228.30	2,768,423.59	36.20026086	-107.67968551
4,520.00	19.49	324.210	4,508.19	-136.89	-98.78	1,892,236.49	2,768,417.97	36.20028338	-107.67970453
4,552.00	22.00	320.550	4,538.12	-127.93	-105.71	1,892,245.45	2,768,411.04	36.20030803	-107.67972798
4,583.00	24.75	318.070	4,566.57	-118.62	-113.74	1,892,254.77	2,768,403.01	36.20033365	-107.67975514
4,614.00	27.80	318.290	4,594.37	-108.39	-122.88	1,892,264.99	2,768,393.86	36.20036178	-107.67978609
4,646.00	30.43	319.230	4,622.32	-96.68	-133.14	1,892,276.70	2,768,383.60	36.20039399	-107.67982080
4,678.00	33.28	319.480	4,649.50	-83.87	-144.14	1,892,289.52	2,768,372.60	36.20042924	-107.67985801
4,710.00	36.26	319.490	4,675.78	-69.99	-156.00	1,892,303.39	2,768,360.75	36.20046740	-107.67989811
4,741.00	39.04	318.570	4,700.32	-55.70	-168.41	1,892,317.68	2,768,348.33	36.20050672	-107.67994012
4,773.00	42.36	318.310	4,724.58	-40.09	-182.26	1,892,333.29	2,768,334.49	36.20054966	-107.67998696
4,804.00	45.81	317.190	4,746.84	-24.13	-196.76	1,892,349.25	2,768,319.99	36.20059356	-107.68003603
4,836.00	49.16	316.100	4,768.47	-6.99	-212.95	1,892,366.39	2,768,303.79	36.20064073	-107.68009083
4,868.00	52.79	316.120	4,788.61	10.92	-230.19	1,892,384.31	2,768,286.56	36.20069001	-107.68014914
4,899.00	55.84	315.540	4,806.69	28.98	-247.73	1,892,402.36	2,768,269.02	36.20073969	-107.68020850
4,931.00	58.62	316.040	4,824.01	48.27	-266.49	1,892,421.65	2,768,250.26	36.20079275	-107.68027198



Survey Report - Geographic



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Bettonnie Tsose Wash Unit 402H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB=6864+25 @ 6889.00ft (Aztec 1000)
Site:	Bettonnie Tsose Wash Unit (401, 402 & 732)	MD Reference:	RKB=6864+25 @ 6889.00ft (Aztec 1000)
Well:	Bettonnie Tsose Wash Unit 402H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	MWD surveys	Database:	LT_Mar0724_v17

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
4,963.00	60.45	315.920	4,840.24	68.10	-285.65	1,892,441.48	2,768,231.09	36.20084732	-107.68033684
4,994.00	63.18	315.500	4,854.88	87.66	-304.73	1,892,461.04	2,768,212.01	36.20090112	-107.68040140
5,025.00	66.40	315.600	4,868.08	107.68	-324.37	1,892,481.06	2,768,192.37	36.20095620	-107.68046786
5,057.00	69.85	315.860	4,880.00	128.94	-345.10	1,892,502.32	2,768,171.65	36.20101470	-107.68053799
FTP @ 5057.00 MD 4880.00 TVD									
5,089.00	73.27	316.380	4,890.12	150.82	-366.14	1,892,524.20	2,768,150.61	36.20107489	-107.68060918
5,120.00	76.61	317.130	4,898.17	172.62	-386.64	1,892,546.00	2,768,130.10	36.20113488	-107.68067856
5,152.00	80.02	317.440	4,904.65	195.64	-407.89	1,892,569.02	2,768,108.85	36.20119821	-107.68075048
5,198.00	80.25	317.481	4,912.54	229.03	-438.53	1,892,602.42	2,768,078.21	36.20129008	-107.68085415
9 5/8" Casing shoe @ 5198.00 MD 4912.54 TVD									
5,253.00	80.52	317.530	4,921.72	269.02	-475.17	1,892,642.40	2,768,041.58	36.20140007	-107.68097810
5,347.00	88.51	317.420	4,930.70	337.92	-538.36	1,892,711.30	2,767,978.39	36.20158963	-107.68119192
5,441.00	88.53	318.800	4,933.13	407.87	-601.10	1,892,781.25	2,767,915.64	36.20178206	-107.68140421
5,535.00	88.57	316.640	4,935.51	477.39	-664.32	1,892,850.77	2,767,852.43	36.20197331	-107.68161811
5,630.00	89.17	318.260	4,937.38	547.36	-728.54	1,892,920.74	2,767,788.20	36.20216580	-107.68183543
5,724.00	89.17	314.970	4,938.74	615.66	-793.10	1,892,989.04	2,767,723.65	36.20235370	-107.68205387
5,818.00	87.67	314.280	4,941.34	681.66	-859.97	1,893,055.05	2,767,656.78	36.20253530	-107.68228019
5,912.00	89.27	314.300	4,943.85	747.28	-927.23	1,893,120.66	2,767,589.52	36.20271584	-107.68250782
6,007.00	89.12	314.400	4,945.18	813.68	-995.16	1,893,187.06	2,767,521.59	36.20289854	-107.68273770
6,101.00	88.81	314.400	4,946.88	879.44	-1,062.31	1,893,252.82	2,767,454.44	36.20307947	-107.68296496
6,195.00	90.82	315.240	4,947.18	945.69	-1,128.98	1,893,319.07	2,767,387.77	36.20326176	-107.68319060
6,288.00	90.80	315.240	4,945.87	1,011.72	-1,194.46	1,893,385.10	2,767,322.29	36.20344342	-107.68341219
6,382.00	90.13	314.700	4,945.10	1,078.15	-1,260.96	1,893,451.53	2,767,255.79	36.20362620	-107.68363725
6,477.00	89.66	316.640	4,945.28	1,146.10	-1,327.34	1,893,519.48	2,767,189.41	36.20381315	-107.68386189
6,571.00	91.35	317.230	4,944.45	1,214.77	-1,391.52	1,893,588.15	2,767,125.23	36.20400206	-107.68407908
6,665.00	90.66	316.460	4,942.80	1,283.33	-1,455.80	1,893,656.72	2,767,060.95	36.20419068	-107.68429661
6,759.00	90.56	317.240	4,941.80	1,351.91	-1,520.09	1,893,725.29	2,766,996.66	36.20437933	-107.68451415
6,853.00	90.43	314.770	4,940.99	1,419.53	-1,585.37	1,893,792.91	2,766,931.38	36.20456535	-107.68473508
6,947.00	90.85	315.590	4,939.94	1,486.20	-1,651.62	1,893,859.58	2,766,865.12	36.20474878	-107.68495931
7,041.00	89.91	315.780	4,939.31	1,553.45	-1,717.29	1,893,926.83	2,766,799.46	36.20493382	-107.68518154
7,135.00	89.13	315.240	4,940.10	1,620.51	-1,783.16	1,893,993.89	2,766,733.59	36.20511829	-107.68540447
7,230.00	88.71	314.810	4,941.89	1,687.70	-1,850.29	1,894,061.08	2,766,666.45	36.20530316	-107.68563168
7,323.00	88.97	315.340	4,943.78	1,753.53	-1,915.96	1,894,126.91	2,766,600.79	36.20548428	-107.68585390
7,417.00	90.09	312.750	4,944.55	1,818.87	-1,983.51	1,894,192.25	2,766,533.23	36.20566406	-107.68608256
7,511.00	89.85	312.560	4,944.60	1,882.57	-2,052.65	1,894,255.95	2,766,464.10	36.20583932	-107.68631656
7,605.00	89.11	310.610	4,945.45	1,944.95	-2,122.95	1,894,318.33	2,766,393.80	36.20601099	-107.68655454
7,700.00	89.22	312.380	4,946.83	2,007.88	-2,194.09	1,894,381.26	2,766,322.65	36.20618417	-107.68679538
7,794.00	88.33	314.090	4,948.84	2,072.26	-2,262.56	1,894,445.64	2,766,254.19	36.20636129	-107.68702712
7,888.00	88.18	313.870	4,951.71	2,137.50	-2,330.17	1,894,510.88	2,766,186.58	36.20654080	-107.68725596
7,982.00	90.15	318.550	4,953.08	2,205.33	-2,395.19	1,894,578.71	2,766,121.56	36.20672740	-107.68747601
8,075.00	90.15	319.020	4,952.83	2,275.29	-2,456.47	1,894,648.67	2,766,060.28	36.20691983	-107.68768336
8,170.00	90.06	316.130	4,952.66	2,345.40	-2,520.55	1,894,718.78	2,765,996.20	36.20711271	-107.68790022
8,264.00	89.96	316.010	4,952.64	2,413.10	-2,585.76	1,894,786.48	2,765,930.99	36.20729895	-107.68812093
8,359.00	90.09	315.410	4,952.60	2,481.10	-2,652.10	1,894,854.48	2,765,864.65	36.20748603	-107.68834545
8,453.00	89.28	315.170	4,953.12	2,547.91	-2,718.23	1,894,921.28	2,765,798.52	36.20766982	-107.68856927
8,547.00	88.14	313.590	4,955.23	2,613.63	-2,785.39	1,894,987.01	2,765,731.36	36.20785064	-107.68879660
8,641.00	89.31	314.680	4,957.33	2,679.07	-2,852.84	1,895,052.45	2,765,663.91	36.20803069	-107.68902489
8,735.00	89.71	314.820	4,958.13	2,745.24	-2,919.59	1,895,118.62	2,765,597.16	36.20821275	-107.68925084
8,827.00	89.40	313.950	4,958.84	2,809.59	-2,985.34	1,895,182.97	2,765,531.41	36.20838979	-107.68947337
8,921.00	89.29	313.090	4,959.92	2,874.32	-3,053.49	1,895,247.70	2,765,463.26	36.20856787	-107.68970408
9,015.00	89.17	315.680	4,961.18	2,940.06	-3,120.66	1,895,313.43	2,765,396.09	36.20874873	-107.68993143
9,109.00	89.24	315.480	4,962.49	3,007.19	-3,186.45	1,895,380.57	2,765,330.30	36.20893341	-107.69015409
9,203.00	89.20	315.060	4,963.77	3,073.96	-3,252.59	1,895,447.34	2,765,264.16	36.20911712	-107.69037798
9,298.00	88.67	314.280	4,965.53	3,140.74	-3,320.14	1,895,514.11	2,765,196.61	36.20930082	-107.69060662
9,392.00	88.90	315.820	4,967.53	3,207.25	-3,386.54	1,895,580.62	2,765,130.22	36.20948380	-107.69083134



Survey Report - Geographic



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Betonnie Tsosie Wash Unit 402H
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 402H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	MWD surveys	Database:	LT_Mar0724_v17

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
9,485.00	89.67	317.060	4,968.69	3,274.63	-3,450.62	1,895,648.01	2,765,066.14	36.20966917	-107.69104823
9,579.00	89.09	316.660	4,969.70	3,343.22	-3,514.89	1,895,716.59	2,765,001.86	36.20985784	-107.69126575
9,673.00	89.02	316.640	4,971.25	3,411.56	-3,579.41	1,895,784.94	2,764,937.35	36.21004585	-107.69148412
9,767.00	88.47	317.040	4,973.31	3,480.11	-3,643.69	1,895,853.49	2,764,873.06	36.21023442	-107.69170169
9,861.00	88.55	315.330	4,975.76	3,547.92	-3,708.74	1,895,921.29	2,764,808.01	36.21042095	-107.69192188
9,955.00	87.20	313.380	4,979.24	3,613.58	-3,775.90	1,895,986.96	2,764,740.85	36.21060161	-107.69214921
10,049.00	89.37	314.430	4,982.06	3,678.74	-3,843.60	1,896,052.11	2,764,673.16	36.21078085	-107.69237835
10,142.00	89.18	314.440	4,983.23	3,743.84	-3,910.00	1,896,117.22	2,764,606.76	36.21095996	-107.69260312
10,236.00	89.62	314.950	4,984.22	3,809.95	-3,976.81	1,896,183.32	2,764,539.94	36.21114184	-107.69282929
10,331.00	89.14	315.000	4,985.24	3,877.09	-4,044.01	1,896,250.47	2,764,472.74	36.21132655	-107.69305676
10,424.00	90.66	315.040	4,985.41	3,942.87	-4,109.75	1,896,316.25	2,764,407.00	36.21150752	-107.69327928
10,519.00	88.78	311.870	4,985.87	4,008.20	-4,178.70	1,896,381.58	2,764,338.05	36.21168725	-107.69351269
10,613.00	91.04	311.700	4,986.02	4,070.83	-4,248.78	1,896,444.21	2,764,267.97	36.21185958	-107.69374996
10,708.00	91.42	313.050	4,983.98	4,134.84	-4,318.95	1,896,508.22	2,764,197.81	36.21203571	-107.69398750
10,802.00	90.10	314.220	4,982.73	4,199.70	-4,386.97	1,896,573.08	2,764,129.78	36.21221414	-107.69421778
10,896.00	91.52	318.990	4,981.40	4,267.98	-4,451.53	1,896,641.35	2,764,065.23	36.21240196	-107.69443628
10,990.00	91.46	318.680	4,978.96	4,338.72	-4,513.38	1,896,712.09	2,764,003.38	36.21259653	-107.69464561
11,084.00	91.23	318.230	4,976.75	4,409.05	-4,575.70	1,896,782.42	2,763,941.05	36.21278999	-107.69485654
11,165.00	90.90	317.920	4,975.25	4,469.30	-4,629.81	1,896,842.68	2,763,886.94	36.21295572	-107.69503968
Survey @ 11165.00 MD 4975.25 TVD									
11,178.00	90.90	317.920	4,975.04	4,478.95	-4,638.52	1,896,852.33	2,763,878.23	36.21298226	-107.69506916
LTP @ 11178.00 MD 4975.04 TVD									
11,187.00	90.90	317.920	4,974.90	4,485.63	-4,644.56	1,896,859.01	2,763,872.20	36.21300063	-107.69508958
330 ppd @ 11187.00 MD 4974.90 TVD									
11,231.00	90.90	317.920	4,974.21	4,518.28	-4,674.04	1,896,891.66	2,763,842.71	36.21309045	-107.69518937
Survey proj. to 11231 MD 4974.21 TVD 2462 FNL 225 FWL									

Design Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
420.00	419.98	-3.03	0.71	MWD surveys
5,057.00	4,880.00	128.94	-345.10	FTP @ 5057.00 MD 4880.00 TVD
5,198.00	4,912.54	229.03	-438.53	9 5/8" Casing shoe @ 5198.00 MD 4912.54 TVD
11,165.00	4,975.25	4,469.30	-4,629.81	Survey @ 11165.00 MD 4975.25 TVD
11,178.00	4,975.04	4,478.95	-4,638.52	LTP @ 11178.00 MD 4975.04 TVD
11,187.00	4,974.90	4,485.63	-4,644.56	330 ppd @ 11187.00 MD 4974.90 TVD
11,231.00	4,974.21	4,518.28	-4,674.04	Survey proj. to 11231 MD 4974.21 TVD 2462 FNL 225 FWL

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Section 1 - Operator and Well Information

Submittal Type: ☒ New Well ☐ Workover ☐ Deepening ☐ Plugback ☐ Different Reservoir ☐ C-144 Closure Attachment ☐ Other	
Operator Name: DJR OPERATING LLC	OGRID: 371838
Property Name and Well Number: BETONNIE TSOSIE WASH UNIT 402H	Property Code: 325179
Mineral Owner: ☐ State ☐ Fee ☒ Tribal ☒ Federal	API Number: 30-045-38331
Pool Name: BETONNIE TSOSIE WASH UNIT MANCOS OIL	Pool Code: 98175

Section 2 – Well Location										
	Ul or lot no.	Section	Township	Range	Lot Id	Feet from	N/S Line	Feet from	E/W Line	County
SHL:	H	28	23N	8W		1657	NORTH	479	EAST	SAN JUAN
BHL	E	21	23N	8W		2500	NORTH	243	WEST	SAN JUAN

Section 3 – Completion Information

Date T.D. Reached 03-15-2024	Total Measured Depth of Well 11,231’	Acid Volume (bbls) N/A	☒ Directional Survey Submitted ☐ Deviation Survey Submitted
Date Rig Released 03-17-2024	Plug-Back Measured Depth 11,199’	Completion Fluid Used (bbls) 88,628	Were Logs Ran (Y/N) N
Completion Date 06-25-2024	Perforations (MD and TVD) 5300’ – 11153’ MD 4928’ – 4986’ TVD	Completion Proppant Used (lbs) 7,633,087	List Type of Logs Ran if applicable: N/A

Section 4 – Action IDs for Submissions and Order Numbers

Surface Casing Action ID: 316730	UIC Permit/Order (UIC wells only) ☐ Yes ☐ No, Order No. N/A
Intermediate 1 Casing Action ID: 325625	NOI Recomplete Action ID (if applicable): N/A
Intermediate 2 Casing Action ID:	NOI Plugback Action ID (if applicable): N/A
Production Casing Action ID: 328765	Cement Squeeze Action ID (if applicable): N/A
Tubing Action ID: 385975	All casing was pressure tested in accordance with NMAC ☒ Yes ☐ No
Liner 1 Action ID: 328765	Casing was installed prior to Action ID system (Y/N): N

Section 5 – Test Data

Date First Production 06-29-2024	Production Method FLOWING GAS LIFT	Well Status ACTIVE PRODUCING	Gas – Oil Ratio 2237
Date of Test 07-01-2024	Choke Size 64/64	Flowing Tubing Pressure 222	Casing Pressure 803
24 hr Oil (bbls) 405	24 hr Gas (MCF) 906	24 hr Water (bbls) 989	Oil Gravity - API
Disposition of Gas: SOLD			

Section 6 – Pits

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

Section 7 - Operator Signature and Certification

☒ I hereby certify that the required Water Use Report has been, or will be, submitted for this well’s completion.	
☒ I hereby certify that the required Fracfocus disclosure has been, or will be, submitted for this well’s completion.	
☒ I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.	
Name Shaw-Marie Ford	
Title Regulatory Specialist	Date 09-19-2024

South Formations				North Formations			
Formation/Zone	MD	TVD	W/O/G	Formation/Zone	MD	TVD	W/O/G
T. Anhy				T. San Jose	-	-	
T. Salt				T. Nacimiento	0	0	W
B. Salt				T. Ojo Alamo	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	1420	1419	G,W
T. San Andres				T. Chacra	1661	1659	G, W
T. Glorieta				T. Cliff House	2760	2754	G,W
T. Yeso				T. Menefee	2775	2769	G, W
T. Paddock				T. Point Lookout	3716	3708	G,W
T. Blinebry				T. Mancos	3886	3878	O, G
T.Tubb				T. Gallup	4564	4551	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 402H	US Well Number 3004538331
SHL SENE Sec 28 23N 8W	County SAN JUAN	State NM	Lease Number(s) NMNM50999
Well Type OIL WELL	Well Status Producing Gas 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 10400081400

Section 1 - General

Well Completion Report Id: 92297	Submission Date: 07-15-2024	
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: NMNM135219A	Agreement Name:	
Additional Information		

Keep this Well Completion Report confidential?: YES

APD Operator: DJR OPERATING LLC

Section 2 - Well

Field/Pool or Exploratory: Field/Pool	Pool Name: BETONNIE TSOSIE WASH	Field Name: BASIN MANCOS
Well Type: OIL WELL		
Spud Date: 02-12-2024		
Date Total Measured Depth Reached: 03-15-2024		
Drill & Abandon or Ready To Produce: READY TO PRODUCE		
Well Class: HORIZONTAL		

Operator Name DJR OPERATING LLC	Well Name BETONNIE TSOSIE WASH UNIT	Well Number 402H	US Well Number 3004538331
SHL SENE Sec 28 23N 8W	County SAN JUAN	State NM	Lease Number(s) NMNM50999
Well Type OIL WELL	Well Status Producing Gas 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 10400081400

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		6089	749	749	NONE	
FRUITLAND	COAL		5837	944	944	NATURAL GAS	
PICTURED CLIFFS	SANDSTONE		5532	1309	1310	USEABLE WATER	
LEWIS	SHALE		5410	1419	1420	NONE	
CHACRA	SANDSTONE		4815	1659	1661	NONE	
MENEFEE	COAL, SANDSTONE		4070	2769	2775	NATURAL GAS	
POINT LOOKOUT	SANDSTONE		3118	3708	3716	NONE	
MANCOS	SHALE		2947	3878	3886	NONE	
GALLUP	SANDSTONE		2029	4551	4564	NATURAL GAS, OIL	

Completion and Completed

Completion Data

Wellbore Code	Completion Code	Interval Number	Case Number	Lease Number	Well Completion Type	Describe Well Completion Type	Completion Status	Date Completed	Date First Produced	Formation	Interval Top (MD)	Interval Bottom (MD)	Interval Perforated?	Perforation Size	Number of Holes	Status of Interval
---------------	-----------------	-----------------	-------------	--------------	----------------------	-------------------------------	-------------------	----------------	---------------------	-----------	-------------------	----------------------	----------------------	------------------	-----------------	--------------------

Operator Name DJR OPERATING LLC	Well Name BETONNIE TSOSIE WASH UNIT	Well Number 402H	US Well Number 3004538331
SHL SENE Sec 28 23N 8W	County SAN JUAN	State NM	Lease Number(s) NMNM50999
Well Type OIL WELL	Well Status Producing Gas 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 10400081400

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	06-25-2024	06-29-2024	GALLUP	5300	11153	Y	.3	870	OPEN

Treatment Data

Wellbore Code	Completion Code	Interval Number	Interval Treated?	Treatment Type	Totle Fluid (bbls)	Total Proppant (lbs)	Treatment Remarks
00	S1	1	Y	FRAC	88628	7633087	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 402H	US Well Number 3004538331
SHL SENE Sec 28 23N 8W	County SAN JUAN	State NM	Lease Number(s) NMNM50999
Well Type OIL WELL	Well Status Producing Gas 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 10400081400

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	07/01/2024	24	405	906	989	2237	64/64	222		803

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	36.200659	-107.679369	6864	N/A	N/A	FEDERAL	NMNM50999				1657	FNL	479	FEL	23N	8W	28	SENE
KOP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.200659	-107.679369	6506	358	358	FEDERAL	NMNM50999				1657	FNL	479	FEL	23N	8W	28	SENE
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.206144	-107.686704	1878	11153	4986	FEDERAL	NMNM136161				360	FSL	2634	FWL	23N	8W	21	SESW
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.205166	-107.685475	1878	11153	4986	FEDERAL	NMNM76842				1	FSL	2288	FEL	23N	8W	21	SWSE

Operator Name DJR OPERATING LLC	Well Name BETONNIE TSOSIE WASH UNIT	Well Number 402H	US Well Number 3004538331
SHL SENE Sec 28 23N 8W	County SAN JUAN	State NM	Lease Number(s) NMNM50999
Well Type OIL WELL	Well Status Producing Gas 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 10400081400

	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	36.201015	-107.680538	1936	5300	4928	FEDERAL	NMNM50999				1524	FNL	825	FEL	23N	8W	28	SENE
EXIT Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.212982	-107.695069	1878	11153	4986	FEDERAL	NMNM136161				2505	FNL	260	FWL	23N	8W	21	SWNW
BHL Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.21309	-107.695189	1890	11231	4974	FEDERAL	NMNM136161	4974	11199		2466	FNL	226	FWL	23N	8W	21	SWNW

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)
---------------	--------------------	-----------	------------------------	---------------------------	-------------	------------	--------------	-----------------------------	-------	-------------	--------------------

Operator Name DJR OPERATING LLC	Well Name BETONNIE TSOSIE WASH UNIT	Well Number 402H	US Well Number 3004538331
SHL SENE Sec 28 23N 8W	County SAN JUAN	State NM	Lease Number(s) NMNM50999
Well Type OIL WELL	Well Status Producing Gas 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 10400081400

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	353	9.625	36	K-55		ST&C		
00	INTERMEDIATE	8.75	0	5198	7.0	26	K-55		LT&C		
00	LINER	6.125	5029	11211	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	460	2.15	0	III	161	1.71	3375	225.2
00	LINER		G	514	1.52	5029					139.1

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		5325	5051	6	L-80		ST&C	

Operator Name DJR OPERATING LLC	Well Name BETONNIE TSOSIE WASH UNIT	Well Number 402H	US Well Number 3004538331
SHL SENE Sec 28 23N 8W	County SAN JUAN	State NM	Lease Number(s) NMNM50999
Well Type OIL WELL	Well Status Producing Gas 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 10400081400

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: 07/15/2024

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 402H	US Well Number 3004538331
SHL SENE Sec 28 23N 8W	County SAN JUAN	State NM	Lease Number(s) NMNM50999
Well Type OIL WELL	Well Status Producing Gas 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 10400081400

Betonnie_Tsowie_Wash_Unit_402H_PVA_final_20240715130744.pdf

AsDrilled_Plat___WBD_BLM_20240715130916.pdf

From: blm-afmss-notifications@blm.gov
To: [Shaw Ford](#)
Subject: Well Name: BETONNIE TSOSIE WASH UNIT, Well Number: 402H, Notification of Well Completion Acceptance
Date: Tuesday, July 16, 2024 10:11:50 AM

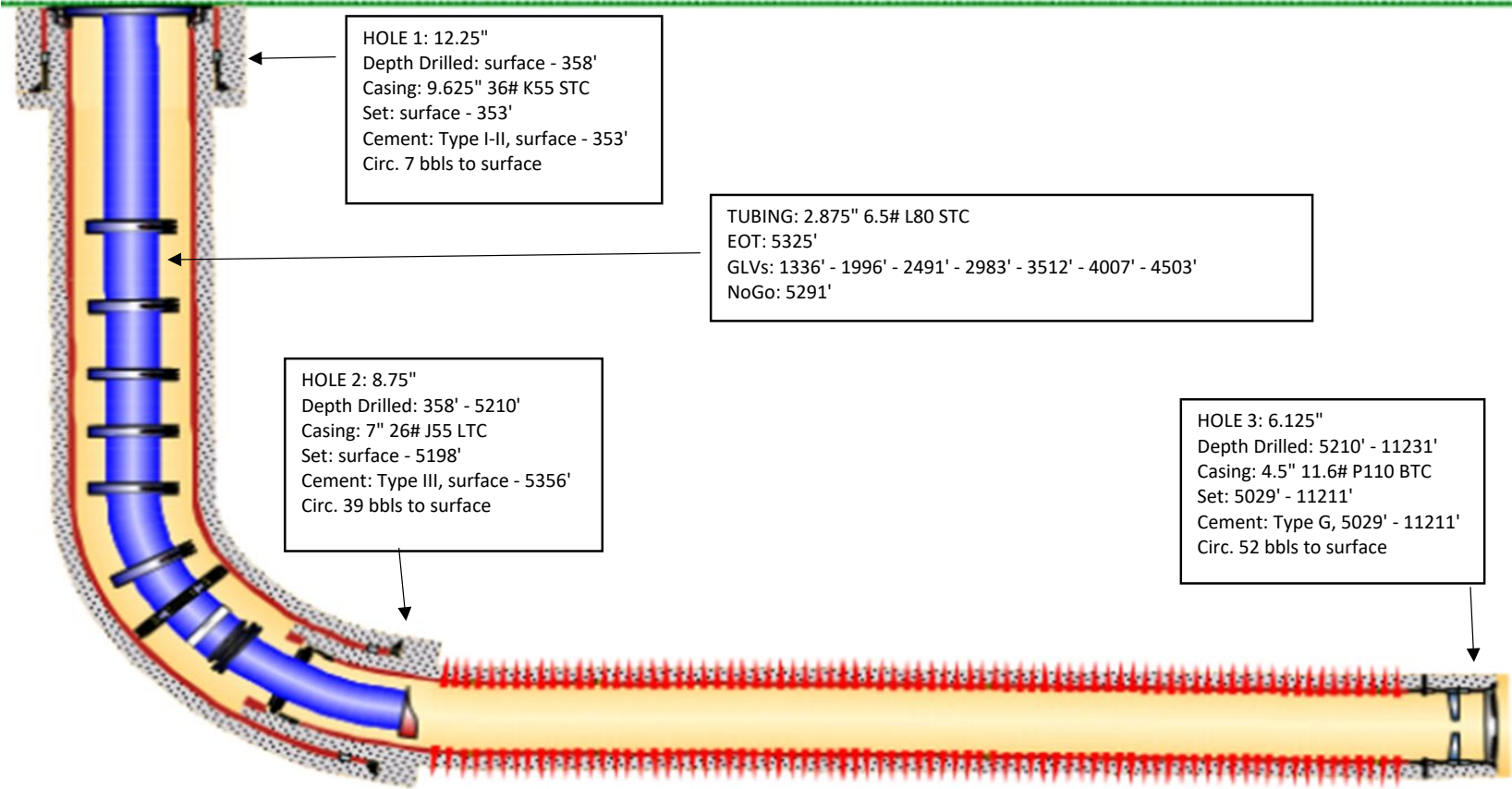
The Bureau of Land Management

Notice of Acceptance for Well Completion Report

- Operator Name: **DJR OPERATING LLC**
- Well Name: **BETONNIE TSOSIE WASH UNIT**
- Well Number: **402H**
- US Well Number: **3004538331**
- Well Completion Report Id: **WCR2024071692297**

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

FORMATION	MD	TVD
Ojo Alamo	664'	664'
Kirtland	749'	749'
Fruitland	944'	944'
Pictured Cliffs	1309'	1310'
Lewis	1419'	1420'
Chacra	1661'	1659'
Menefee	2775'	2769'
Point Lookout	3716'	3708'
Mancos	3886'	3878'
KOP~	4338'	4331'
Gallup	4564'	4551'
Target	11231'	4974'



Perf:	29 Stages	Frac:	29 Stages
Depth:	5300' - 11153' MD	88,628	bbls of fluid
	4928' - 4986' TVD	7,633,087	lbs of proppant
		0	N2
Total of 870 Open Holes			

(NAD83)	LAT.	LONG.
SHL:	36.200659	-107.679369
FTP:	36.201015	-107.680538
LTP:	36.212982	-107.695069
BHL:	36.213090	-107.695189

BHL: SWNW E-21-23N-08W
2466' FNL x 226' FWL

11,231'	TD
4,974'	TVD
11,199'	PBTD
11,178'	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 386092

ACKNOWLEDGMENTS

Operator: DJR OPERATING, LLC 200 Energy Court Farmington, NM 87401	OGRID: 371838
	Action Number: 386092
	Action Type: [C-104] Completion Packet - New Well (C-104NW)

ACKNOWLEDGMENTS

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

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

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

CONDITIONS

Action 386092

CONDITIONS

Operator: DJR OPERATING, LLC 200 Energy Court Farmington, NM 87401	OGRID: 371838
	Action Number: 386092
	Action Type: [C-104] Completion Packet - New Well (C-104NW)

CONDITIONS

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