

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: NAGEEZI UNIT 215H	Property Code: 325268
Mineral Owner: ☐ State ☐ Fee ☒ Tribal ☒ Federal	API Number: 30-045-38295
Pool Name: NAGEEZI UNIT MANCOS OIL	Pool Code: 98080

Section 2 – Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
L	26	24N	9W		1761 SOUTH	777 WEST	36.282638	-107.765334	SAN JUAN

Section 3 – Completion Information

Producing Method FLOWING	Ready Date 10/21/2024	Perforations MD 5805-15591	Perforations TVD 5239-5260
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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): 388479	Communitization Agreement ☐ Yes ☒ No, Order No.
Surface Casing Action ID: 349715	Unit: ☒ Yes ☐ No, Order No. R-13856 / R-13856A
Intermediate 1 Casing Action ID: 362221	Compulsory Pooling: ☐ Yes ☒ No, Order No.
Intermediate 2 Casing Action ID:	Down Hole Commingling: ☐ Yes ☒ No, Order No.
Production Casing Action ID: 370796	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: 370796	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 12/11/2024

C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024	
		Submittal Type:	☐ Initial Submittal ☐ Amended Report ☒ As Drilled

WELL LOCATION INFORMATION

API Number 30-045-38295	Pool Code 98080	Pool Name NAGEEZI UNIT MANCOS OIL POOL
Property Code 325268	Property Name NAGEEZI UNIT	Well Number 215H
OGRID No. 371838	Operator Name DJR OPERATING, LLC	Ground Level Elevation 6826'
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
L	26	24N	9W		1761' SOUTH	777' WEST	36.282638° N	107.765334° 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
D	28	24N	9W		158' NORTH	123' WEST	36.291920° N	107.803132° W	SAN JUAN

Dedicated Acres PENETRATED SPACING UNIT; SEC 27: SE/4, NE/SW, NW/SW, SE/NW & SW/NW (320 AC.); SEC 28: SE/NE, SW/NE, NW/NE, SE/NW, NE/NW & NW/NW (240 AC.); SEC 21: SW/SW (40 AC.) = 600 ACRES	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N) N	Consolidation Code Unit
Order Numbers: R-13856 R-13856A		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
I	27	24N	9W		1345' SOUTH	962' EAST	36.281560° N	107.771210° 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
I	27	24N	9W		1411' SOUTH	1274' EAST	36.281740° N	107.772268° W	SAN JUAN

Last Take Point (LTP)

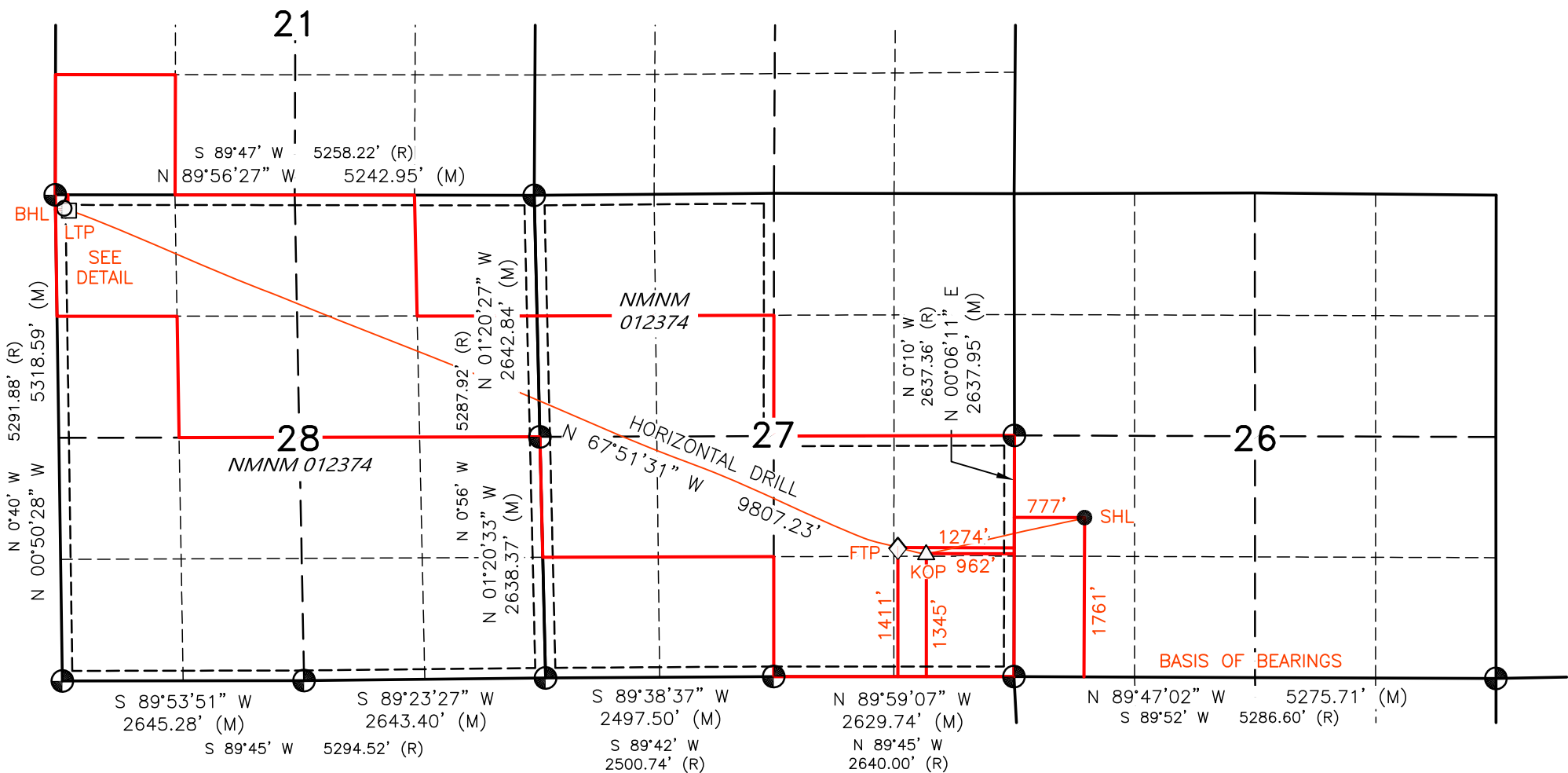
UL	Section	Township	Range	Lot	Ft from the N/S	Ft from the E/W	Latitude	Longitude	County
D	28	24N	9W		163' NORTH	136' WEST	36.291906° N	107.803085° W	SAN JUAN

Unitized Area or Area of Uniform Interest NAGEEZI	Spacing Unit Type ☒ Horizontal ☐ Vertical	Ground Floor Elevation
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OPERATOR CERTIFICATIONS I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division. Shaw-Marie Ford Signature 9/4/2024 Date Shaw-Marie Ford Printed Name sford@enduringresources.com E-mail Address	<div>SURVEYOR CERTIFICATIONS</div> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <div></div> <div><div colspan="2">Signature and Seal of Professional Surveyor:</div><div><div>Certificate Number</div><div>11393</div></div><div><div>Date of Survey</div><div>AUGUST 26, 2024</div></div></div>
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Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

FND 2½" BC
GLO 1933



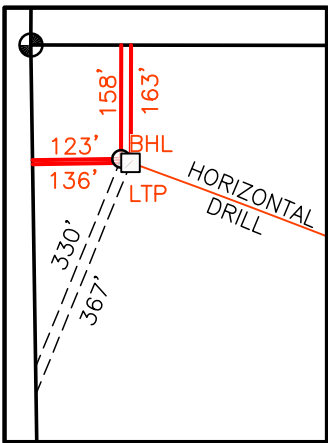
SURFACE LOCATION (SHL) ●
1761' FSL 777' FWL
SEC. 26, T24N, R9W
LAT. 36.282638° N (NAD83)
LONG. 107.765334° W (NAD83)

KICK OFF POINT (KOP) △
1345' FSL 962' FEL
SEC. 27, T24N, R9W
LAT. 36.281560° N (NAD83)
LONG. 107.771210° W (NAD83)

FIRST TAKE POINT (FTP) ◇
1411' FSL 1274' FEL
SEC. 27, T24N, R9W
LAT. 36.281740° N (NAD83)
LONG. 107.772268° W (NAD83)

LAST TAKE POINT (LTP) □
163' FNL 136' FWL
SEC. 28, T24N, R9W
LAT. 36.291906° N (NAD83)
LONG. 107.803085° W (NAD83)

BOTTOM HOLE LOCATION (BHL) ○
158' FNL 123' FWL
SEC. 28, T24N, R9W
LAT. 36.291920° N (NAD83)
LONG. 107.803132° W (NAD83)



DETAIL



Well: Nageezi Unit 215H
Site: Nageezi Unit (213, 214, 215, 216, 217 & 218)
Project: San Juan County, New Mexico NAD83 NM W
Design: MWD surveys
Rig: Ensign 140

ANNOTATIONS SURVEYS

MD	Inc	Azi	TVD	+N/-S	+E/-W	VSect	Annotation
439.00	2.32	75.350	438.88	2.25	8.60	-7.10	MWD surveys
5794.88	70.18	283.661	5235.80	-328.26	-2043.36	1765.03	FTP @ 5794.88 MD 5235.80 TVD
5979.50	86.19	284.966	5267.11	-278.63	-2217.68	1945.13	9 5/8" Casing @ 5979.50 MD 5267.11 TVD
15595.80	91.35	290.955	5259.38	3360.71	-11108.23	11551.71	LTP @ 15595.80 MD 5259.38 TVD
15599.00	91.37	290.950	5259.30	3361.86	-11111.22	11554.91	Survey @ 15599.00 MD 5259.30 TVD
15631.00	91.37	290.950	5258.54	3373.30	-11141.09	11586.89	330 ppd @ 15631.00 MD 5258.54 TVD
15660.00		290.950	5257.84	3383.66	-11168.17	11615.88	Survey proj. to 15660 MD 5257.84 TVD 147 FNL 95 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=6826+23.5 @ 6849.50ft (Ensign 140)

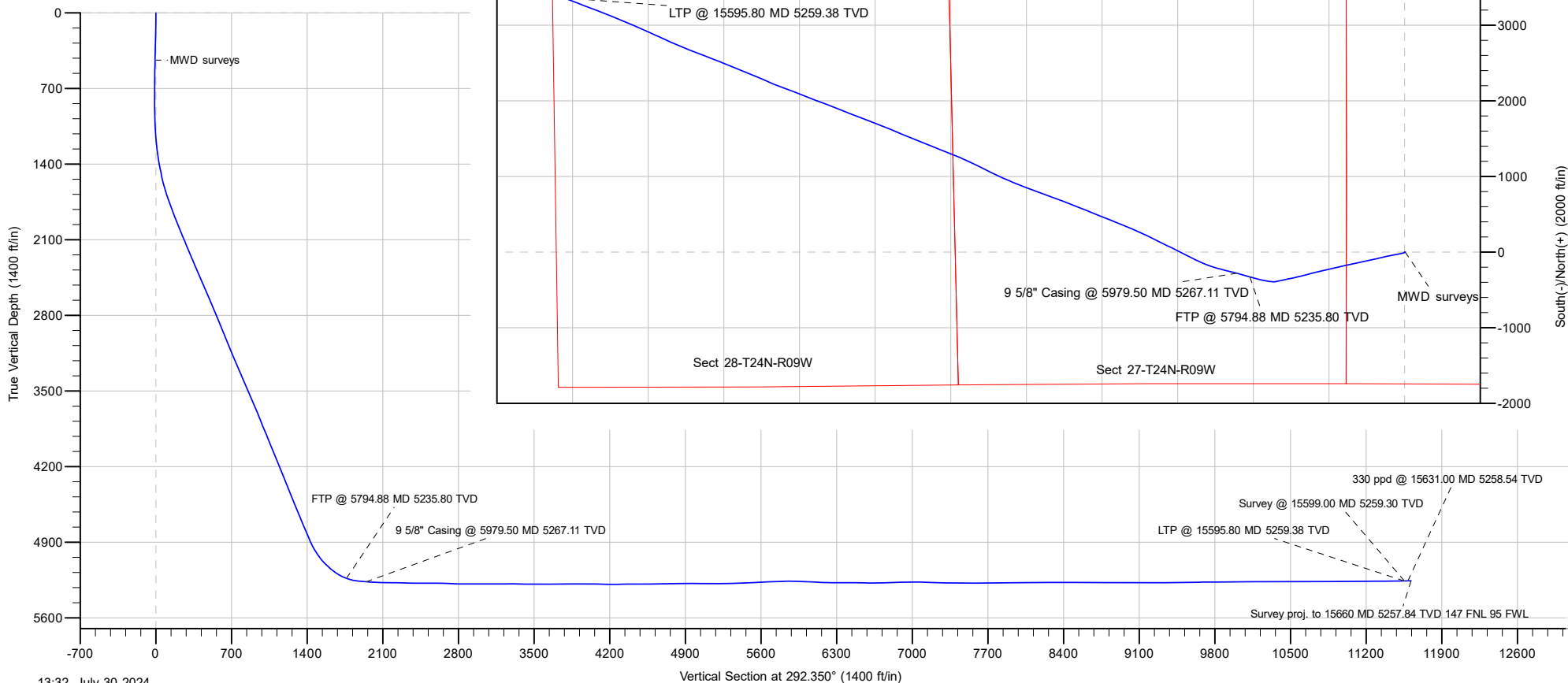
Surface location:
Northing 1922186.56 Easting 2743133.00 Latitude 36.28263800 Longitude -107.76533400

Total Corr (M=>G): To convert a Magnetic Direction to a Grid Direction, Add 8.454°



Azimuths to Grid North
True North: -0.04°
Magnetic North: 8.45°

Magnetic Field
Strength: 49030.0nT
Dip Angle: 62.72°
Date: 6/16/2024
Model: IGRF2020



South (-)/North(+) (2000 ft/in)



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Nageezi Unit 215H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB=6826+23.5 @ 6849.50ft (Ensign 140)
Site:	Nageezi Unit (213, 214, 215, 216, 217 & 218)	MD Reference:	RKB=6826+23.5 @ 6849.50ft (Ensign 140)
Well:	Nageezi Unit 215H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	MWD surveys	Database:	DT_Jul1724_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		Nageezi Unit (213, 214, 215, 216, 217 & 218)				
Site Position:		Northing:	1,922,205.14	usft	Latitude:	36.28268900
From:	Lat/Long	Easting:	2,743,140.65	usft	Longitude:	-107.76530800
Position Uncertainty:		0.00	ft	Slot Radius:	13-3/16	"

Well							Nageezi Unit 215H, Surf loc: 1761 FSL 777 FWL Section 26-T24N-R09W						
Well Position	+N/-S	0.00 ft	Northing:	1,922,186.56 usft	Latitude:	36.28263800							
	+E/-W	0.00 ft	Easting:	2,743,133.00 usft	Longitude:	-107.76533400							
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	6,826.00 ft							
Grid Convergence:		0.040 °											

Wellbore	Original Hole				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	6/16/2024	8.494	62.722	49,029.96446562

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	292.350	

Survey Program	Date	7/30/2024			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
439.00	5,933.00	MWD int (Original Hole)	MWD	OWSG MWD - Standard	
6,001.00	15,599.00	MWD (Original Hole)	MWD	OWSG MWD - Standard	
15,660.00	15,660.00	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	
439.00	2.32	75.350	438.88	2.25	8.60	-7.10	0.53	0.53	0.00	
MWD surveys										
484.00	1.69	79.720	483.85	2.60	10.13	-8.38	1.44	-1.40	9.71	
574.00	0.54	149.470	573.84	2.47	11.65	-9.84	1.76	-1.28	77.50	
664.00	0.67	183.820	663.83	1.58	11.83	-10.34	0.42	0.14	38.17	
753.00	0.53	183.060	752.83	0.65	11.78	-10.65	0.16	-0.16	-0.85	
842.00	0.75	196.160	841.82	-0.32	11.59	-10.84	0.30	0.25	14.72	



Survey Report



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Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB=6826+23.5 @ 6849.50ft (Ensign 140)
Site:	Nageezi Unit (213, 214, 215, 216, 217 & 218)	MD Reference:	RKB=6826+23.5 @ 6849.50ft (Ensign 140)
Well:	Nageezi Unit 215H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	MWD surveys	Database:	DT_Jul1724_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)
932.00	1.49	231.240	931.80	-1.62	10.52	-10.34	1.08	0.82	38.98
1,022.00	3.16	250.040	1,021.73	-3.20	7.27	-7.94	2.02	1.86	20.89
1,113.00	5.30	250.720	1,112.48	-5.45	0.95	-2.95	2.35	2.35	0.75
1,209.00	7.57	252.170	1,207.86	-8.85	-9.26	5.20	2.37	2.36	1.51
1,302.00	9.77	256.090	1,299.80	-12.62	-22.75	16.24	2.45	2.37	4.22
1,396.00	11.98	258.590	1,392.10	-16.47	-40.06	30.79	2.40	2.35	2.66
1,488.00	13.86	256.590	1,481.77	-20.91	-60.14	47.67	2.10	2.04	-2.17
1,582.00	16.37	257.660	1,572.51	-26.35	-84.04	67.70	2.69	2.67	1.14
1,673.00	20.90	261.250	1,658.72	-31.57	-112.62	92.16	5.13	4.98	3.95
1,764.00	22.95	259.700	1,743.14	-37.21	-146.12	121.00	2.34	2.25	-1.70
1,856.00	24.12	258.160	1,827.48	-44.27	-182.17	151.65	1.44	1.27	-1.67
1,949.00	25.64	257.490	1,911.85	-52.53	-220.41	183.88	1.66	1.63	-0.72
2,039.00	26.32	257.020	1,992.75	-61.23	-258.87	216.14	0.79	0.76	-0.52
2,128.00	27.78	258.120	2,072.02	-69.93	-298.39	249.38	1.73	1.64	1.24
2,217.00	26.55	255.620	2,151.20	-79.14	-337.96	282.48	1.89	-1.38	-2.81
2,307.00	27.41	256.560	2,231.40	-88.95	-377.59	315.40	1.07	0.96	1.04
2,397.00	27.94	259.570	2,311.11	-97.59	-418.48	349.93	1.66	0.59	3.34
2,486.00	26.40	258.110	2,390.29	-105.44	-458.35	383.82	1.89	-1.73	-1.64
2,576.00	28.20	258.690	2,470.26	-113.73	-498.78	418.07	2.02	2.00	0.64
2,665.00	28.17	258.410	2,548.71	-122.08	-539.98	453.00	0.15	-0.03	-0.31
2,755.00	27.94	257.330	2,628.13	-130.97	-581.37	487.89	0.62	-0.26	-1.20
2,844.00	26.64	256.140	2,707.23	-140.32	-621.08	521.07	1.58	-1.46	-1.34
2,933.00	27.94	256.380	2,786.32	-150.01	-660.72	554.04	1.47	1.46	0.27
3,023.00	26.64	255.350	2,866.30	-160.08	-700.74	587.22	1.54	-1.44	-1.14
3,112.00	27.13	258.850	2,945.69	-169.05	-739.95	620.08	1.86	0.55	3.93
3,202.00	25.15	257.960	3,026.48	-177.01	-778.79	652.98	2.24	-2.20	-0.99
3,291.00	26.57	257.610	3,106.56	-185.23	-816.73	684.94	1.60	1.60	-0.39
3,381.00	26.51	257.880	3,187.08	-193.76	-856.03	718.04	0.15	-0.07	0.30
3,470.00	28.00	257.910	3,266.20	-202.31	-895.88	751.65	1.67	1.67	0.03
3,560.00	28.82	258.360	3,345.36	-211.11	-937.79	787.06	0.94	0.91	0.50
3,649.00	27.08	256.930	3,423.97	-220.02	-978.53	821.36	2.09	-1.96	-1.61
3,739.00	27.30	257.390	3,504.03	-229.16	-1,018.63	854.97	0.34	0.24	0.51
3,828.00	26.69	256.180	3,583.33	-238.39	-1,057.96	887.83	0.92	-0.69	-1.36
3,918.00	29.19	257.940	3,662.84	-247.81	-1,099.05	922.26	2.92	2.78	1.96
4,007.00	25.98	255.660	3,741.71	-257.17	-1,139.17	955.81	3.80	-3.61	-2.56
4,097.00	27.37	256.510	3,822.13	-266.88	-1,178.39	988.39	1.60	1.54	0.94
4,186.00	27.50	255.180	3,901.12	-276.91	-1,218.15	1,021.34	0.70	0.15	-1.49
4,276.00	27.00	254.700	3,981.13	-287.61	-1,257.94	1,054.08	0.61	-0.56	-0.53
4,366.00	27.19	255.250	4,061.26	-298.24	-1,297.53	1,086.65	0.35	0.21	0.61
4,455.00	27.99	255.760	4,140.13	-308.55	-1,337.44	1,119.64	0.94	0.90	0.57
4,545.00	25.88	255.760	4,220.37	-318.58	-1,376.96	1,152.37	2.34	-2.34	0.00
4,635.00	25.61	257.520	4,301.43	-327.62	-1,414.99	1,184.11	0.90	-0.30	1.96
4,724.00	26.59	257.610	4,381.36	-336.05	-1,453.22	1,216.27	1.10	1.10	0.10



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Nageezi Unit 215H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB=6826+23.5 @ 6849.50ft (Ensign 140)
Site:	Nageezi Unit (213, 214, 215, 216, 217 & 218)	MD Reference:	RKB=6826+23.5 @ 6849.50ft (Ensign 140)
Well:	Nageezi Unit 215H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	MWD surveys	Database:	DT_Jul1724_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)	
4,814.00	26.27	257.570	4,461.95	-344.66	-1,492.34	1,249.18	0.36	-0.36	-0.04	
4,903.00	26.18	257.680	4,541.79	-353.09	-1,530.76	1,281.50	0.11	-0.10	0.12	
4,993.00	26.69	257.110	4,622.38	-361.83	-1,569.86	1,314.34	0.63	0.57	-0.63	
5,082.00	28.43	257.920	4,701.28	-370.72	-1,610.06	1,348.14	2.00	1.96	0.91	
5,172.00	26.98	257.980	4,780.96	-379.46	-1,650.98	1,382.66	1.61	-1.61	0.07	
5,262.00	26.79	258.510	4,861.23	-387.75	-1,690.83	1,416.36	0.34	-0.21	0.59	
5,306.00	26.96	259.860	4,900.48	-391.48	-1,710.36	1,433.01	1.44	0.39	3.07	
5,351.00	29.58	268.530	4,940.12	-393.56	-1,731.52	1,451.79	10.81	5.82	19.27	
5,396.00	32.56	275.400	4,978.68	-392.71	-1,754.69	1,473.54	10.28	6.62	15.27	
5,441.00	35.79	278.040	5,015.90	-389.73	-1,779.78	1,497.88	7.90	7.18	5.87	
5,486.00	39.24	279.720	5,051.59	-385.48	-1,806.85	1,524.53	8.00	7.67	3.73	
5,530.00	42.62	281.380	5,084.83	-380.19	-1,835.18	1,552.74	8.07	7.68	3.77	
5,575.00	46.32	282.770	5,116.94	-373.59	-1,866.00	1,583.76	8.50	8.22	3.09	
5,620.00	50.10	284.720	5,146.92	-365.60	-1,898.58	1,616.93	9.00	8.40	4.33	
5,664.00	53.87	285.580	5,174.02	-356.54	-1,932.03	1,651.31	8.71	8.57	1.95	
5,709.00	58.88	284.500	5,198.93	-346.83	-1,968.20	1,688.46	11.31	11.13	-2.40	
5,753.00	64.67	283.680	5,219.73	-337.40	-2,005.79	1,726.81	13.26	13.16	-1.86	
5,794.88	70.18	283.661	5,235.80	-328.26	-2,043.36	1,765.03	13.16	13.16	-0.04	
FTP @ 5794.88 MD 5235.80 TVD										
5,798.00	70.59	283.660	5,236.85	-327.57	-2,046.21	1,767.93	13.16	13.16	-0.04	
5,843.00	76.59	284.850	5,249.55	-316.94	-2,088.03	1,810.65	13.57	13.33	2.64	
5,888.00	81.74	286.660	5,258.01	-304.94	-2,130.54	1,854.54	12.11	11.44	4.02	
5,933.00	84.58	287.800	5,263.37	-291.70	-2,173.21	1,899.03	6.79	6.31	2.53	
5,979.50	86.19	284.966	5,267.11	-278.63	-2,217.68	1,945.13	6.99	3.47	-6.09	
9 5/8" Casing @ 5979.50 MD 5267.11 TVD										
6,001.00	86.94	283.660	5,268.40	-273.33	-2,238.47	1,966.38	6.99	3.48	-6.08	
6,045.00	86.57	283.710	5,270.89	-262.93	-2,281.15	2,009.80	0.85	-0.84	0.11	
6,120.00	88.96	284.000	5,273.81	-244.99	-2,353.91	2,083.92	3.21	3.19	0.39	
6,208.00	88.96	284.210	5,275.41	-223.55	-2,439.24	2,171.00	0.24	0.00	0.24	
6,295.00	88.53	287.210	5,277.32	-200.00	-2,522.96	2,257.38	3.48	-0.49	3.45	
6,383.00	89.10	290.870	5,279.14	-171.30	-2,606.12	2,345.20	4.21	0.65	4.16	
6,470.00	90.37	295.750	5,279.54	-136.89	-2,685.99	2,432.16	5.80	1.46	5.61	
6,558.00	89.51	295.740	5,279.63	-98.66	-2,765.25	2,520.00	0.98	-0.98	-0.01	
6,645.00	88.96	295.800	5,280.79	-60.84	-2,843.59	2,606.84	0.64	-0.63	0.07	
6,732.00	88.39	296.810	5,282.81	-22.30	-2,921.56	2,693.61	1.33	-0.66	1.16	
6,820.00	87.68	297.670	5,285.82	17.96	-2,999.75	2,781.24	1.27	-0.81	0.98	
6,908.00	90.03	295.380	5,287.58	57.24	-3,078.47	2,868.97	3.73	2.67	-2.60	
6,996.00	90.02	296.300	5,287.54	95.60	-3,157.67	2,956.81	1.05	-0.01	1.05	
7,084.00	89.73	296.770	5,287.74	134.91	-3,236.40	3,044.57	0.63	-0.33	0.53	
7,170.00	90.57	296.470	5,287.51	173.44	-3,313.28	3,130.33	1.04	0.98	-0.35	
7,259.00	90.68	296.910	5,286.54	213.42	-3,392.79	3,219.07	0.51	0.12	0.49	
7,346.00	89.70	293.520	5,286.25	250.47	-3,471.49	3,305.95	4.06	-1.13	-3.90	
7,434.00	89.21	293.180	5,287.09	285.35	-3,552.28	3,393.93	0.68	-0.56	-0.39	
7,522.00	88.62	292.570	5,288.76	319.55	-3,633.34	3,481.91	0.96	-0.67	-0.69	



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Nageezi Unit 215H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB=6826+23.5 @ 6849.50ft (Ensign 140)
Site:	Nageezi Unit (213, 214, 215, 216, 217 & 218)	MD Reference:	RKB=6826+23.5 @ 6849.50ft (Ensign 140)
Well:	Nageezi Unit 215H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	MWD surveys	Database:	DT_Jul1724_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)	
7,610.00	90.29	292.750	5,289.59	353.45	-3,714.54	3,569.90	1.91	1.90	0.20	
7,698.00	89.66	292.260	5,289.63	387.13	-3,795.84	3,657.90	0.91	-0.72	-0.56	
7,785.00	91.13	292.200	5,289.03	420.05	-3,876.37	3,744.90	1.69	1.69	-0.07	
7,873.00	90.94	291.740	5,287.44	452.96	-3,957.96	3,832.88	0.57	-0.22	-0.52	
7,961.00	89.91	291.180	5,286.79	485.16	-4,039.86	3,920.87	1.33	-1.17	-0.64	
8,049.00	89.96	292.510	5,286.89	517.90	-4,121.54	4,008.86	1.51	0.06	1.51	
8,136.00	87.54	291.560	5,288.79	550.53	-4,202.16	4,095.83	2.99	-2.78	-1.09	
8,224.00	90.04	291.650	5,290.64	582.92	-4,283.95	4,183.80	2.84	2.84	0.10	
8,311.00	89.93	291.060	5,290.67	614.60	-4,364.98	4,270.78	0.69	-0.13	-0.68	
8,399.00	92.15	291.890	5,289.07	646.81	-4,446.85	4,358.75	2.69	2.52	0.94	
8,486.00	88.92	290.200	5,288.26	678.05	-4,528.03	4,445.71	4.19	-3.71	-1.94	
8,574.00	91.44	290.900	5,287.98	708.94	-4,610.42	4,533.66	2.97	2.86	0.80	
8,662.00	90.45	290.260	5,286.53	739.86	-4,692.79	4,621.60	1.34	-1.13	-0.73	
8,749.00	90.80	290.090	5,285.58	769.87	-4,774.45	4,708.54	0.45	0.40	-0.20	
8,837.00	90.12	289.890	5,284.87	799.95	-4,857.14	4,796.46	0.81	-0.77	-0.23	
8,924.00	90.86	290.440	5,284.13	829.94	-4,938.81	4,883.39	1.06	0.85	0.63	
9,011.00	90.00	290.990	5,283.48	860.71	-5,020.18	4,970.35	1.17	-0.99	0.63	
9,098.00	89.23	291.430	5,284.06	892.19	-5,101.28	5,057.33	1.02	-0.89	0.51	
9,185.00	91.37	293.750	5,283.61	925.60	-5,181.60	5,144.32	3.63	2.46	2.67	
9,273.00	88.76	292.350	5,283.51	960.05	-5,262.56	5,232.30	3.37	-2.97	-1.59	
9,360.00	91.05	294.790	5,283.65	994.84	-5,342.29	5,319.27	3.85	2.63	2.80	
9,448.00	92.90	296.260	5,280.62	1,032.73	-5,421.65	5,407.08	2.68	2.10	1.67	
9,535.00	93.28	296.220	5,275.93	1,071.14	-5,499.57	5,493.75	0.44	0.44	-0.05	
9,623.00	92.78	295.820	5,271.28	1,109.69	-5,578.54	5,581.45	0.73	-0.57	-0.45	
9,711.00	92.12	295.770	5,267.51	1,147.95	-5,657.70	5,669.21	0.75	-0.75	-0.06	
9,799.00	92.31	296.140	5,264.11	1,186.43	-5,736.77	5,756.97	0.47	0.22	0.42	
9,886.00	90.07	294.400	5,262.31	1,223.56	-5,815.42	5,843.83	3.26	-2.57	-2.00	
9,973.00	88.53	292.260	5,263.37	1,258.01	-5,895.29	5,930.80	3.03	-1.77	-2.46	
10,060.00	87.67	292.210	5,266.25	1,290.91	-5,975.77	6,017.75	0.99	-0.99	-0.06	
10,149.00	87.03	292.080	5,270.37	1,324.42	-6,058.12	6,106.65	0.73	-0.72	-0.15	
10,239.00	88.11	291.360	5,274.19	1,357.70	-6,141.65	6,196.57	1.44	1.20	-0.80	
10,326.00	90.21	291.440	5,275.46	1,389.44	-6,222.64	6,283.54	2.42	2.41	0.09	
10,415.00	89.99	291.830	5,275.31	1,422.25	-6,305.37	6,372.53	0.50	-0.25	0.44	
10,504.00	89.56	292.070	5,275.65	1,455.52	-6,387.92	6,461.53	0.55	-0.48	0.27	
10,591.00	88.94	292.000	5,276.79	1,488.16	-6,468.56	6,548.52	0.72	-0.71	-0.08	
10,678.00	88.49	291.790	5,278.74	1,520.59	-6,549.26	6,635.50	0.57	-0.52	-0.24	
10,766.00	92.58	292.870	5,277.92	1,554.02	-6,630.64	6,723.47	4.81	4.65	1.23	
10,852.00	92.03	292.910	5,274.46	1,587.44	-6,709.80	6,809.40	0.64	-0.64	0.05	
10,939.00	91.35	292.400	5,271.90	1,620.94	-6,790.06	6,896.36	0.98	-0.78	-0.59	
11,027.00	90.64	292.330	5,270.37	1,654.42	-6,871.42	6,984.34	0.81	-0.81	-0.08	
11,115.00	88.94	291.190	5,270.69	1,687.04	-6,953.15	7,072.33	2.33	-1.93	-1.30	
11,203.00	88.70	291.020	5,272.51	1,718.72	-7,035.23	7,160.29	0.33	-0.27	-0.19	
11,291.00	87.51	290.400	5,275.41	1,749.82	-7,117.49	7,248.21	1.52	-1.35	-0.70	



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Nageezi Unit 215H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB=6826+23.5 @ 6849.50ft (Ensign 140)
Site:	Nageezi Unit (213, 214, 215, 216, 217 & 218)	MD Reference:	RKB=6826+23.5 @ 6849.50ft (Ensign 140)
Well:	Nageezi Unit 215H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	MWD surveys	Database:	DT_Jul1724_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)
11,379.00	89.43	291.520	5,277.76	1,781.29	-7,199.64	7,336.15	2.53	2.18	1.27
11,465.00	88.66	290.920	5,279.20	1,812.41	-7,279.79	7,422.12	1.14	-0.90	-0.70
11,553.00	90.77	291.980	5,279.64	1,844.59	-7,361.69	7,510.10	2.68	2.40	1.20
11,642.00	89.86	291.450	5,279.15	1,877.52	-7,444.37	7,599.09	1.18	-1.02	-0.60
11,729.00	89.19	290.800	5,279.87	1,908.87	-7,525.52	7,686.07	1.07	-0.77	-0.75
11,816.00	91.47	291.460	5,279.37	1,940.23	-7,606.67	7,773.04	2.73	2.62	0.76
11,905.00	90.58	290.260	5,277.77	1,971.91	-7,689.82	7,861.99	1.68	-1.00	-1.35
11,999.00	91.35	291.760	5,276.19	2,005.61	-7,777.55	7,955.95	1.79	0.82	1.60
12,091.00	90.59	290.770	5,274.63	2,038.97	-7,863.27	8,047.92	1.36	-0.83	-1.08
12,183.00	91.20	291.860	5,273.20	2,072.41	-7,948.97	8,139.89	1.36	0.66	1.18
12,275.00	90.02	291.180	5,272.22	2,106.15	-8,034.55	8,231.87	1.48	-1.28	-0.74
12,368.00	88.88	290.080	5,273.11	2,138.92	-8,121.58	8,324.82	1.70	-1.23	-1.18
12,460.00	90.55	291.340	5,273.57	2,171.45	-8,207.63	8,416.78	2.27	1.82	1.37
12,552.00	90.35	290.980	5,272.84	2,204.66	-8,293.42	8,508.76	0.45	-0.22	-0.39
12,645.00	89.85	293.590	5,272.68	2,239.92	-8,379.47	8,601.75	2.86	-0.54	2.81
12,738.00	89.95	293.390	5,272.84	2,276.99	-8,464.76	8,694.73	0.24	0.11	-0.22
12,830.00	89.28	292.810	5,273.46	2,313.08	-8,549.38	8,786.72	0.96	-0.73	-0.63
12,922.00	88.00	291.330	5,275.65	2,347.64	-8,634.61	8,878.69	2.13	-1.39	-1.61
13,014.00	90.31	292.880	5,277.00	2,382.25	-8,719.83	8,970.67	3.02	2.51	1.68
13,107.00	90.43	292.700	5,276.40	2,418.28	-8,805.57	9,063.66	0.23	0.13	-0.19
13,199.00	89.78	291.990	5,276.23	2,453.25	-8,890.66	9,155.66	1.05	-0.71	-0.77
13,291.00	91.15	292.320	5,275.49	2,487.95	-8,975.86	9,247.66	1.53	1.49	0.36
13,383.00	89.77	291.200	5,274.75	2,522.05	-9,061.30	9,339.64	1.93	-1.50	-1.22
13,476.00	90.09	291.240	5,274.86	2,555.71	-9,148.00	9,432.63	0.35	0.34	0.04
13,568.00	91.31	291.720	5,273.74	2,589.40	-9,233.60	9,524.61	1.43	1.33	0.52
13,661.00	90.84	290.750	5,271.99	2,623.07	-9,320.27	9,617.57	1.16	-0.51	-1.04
13,752.00	90.88	291.610	5,270.63	2,655.95	-9,405.11	9,708.54	0.95	0.04	0.95
13,844.00	90.04	290.520	5,269.89	2,689.01	-9,490.96	9,800.51	1.50	-0.91	-1.18
13,937.00	90.90	293.740	5,269.13	2,724.04	-9,577.09	9,893.50	3.58	0.92	3.46
14,030.00	90.35	292.770	5,268.11	2,760.76	-9,662.53	9,986.48	1.20	-0.59	-1.04
14,123.00	90.87	295.250	5,267.12	2,798.59	-9,747.47	10,079.42	2.72	0.56	2.67
14,215.00	89.86	294.230	5,266.54	2,837.09	-9,831.02	10,171.34	1.56	-1.10	-1.11
14,308.00	90.34	294.450	5,266.37	2,875.42	-9,915.75	10,264.28	0.57	0.52	0.24
14,400.00	90.52	294.140	5,265.68	2,913.27	-9,999.60	10,356.23	0.39	0.20	-0.34
14,493.00	90.07	293.550	5,265.20	2,950.87	-10,084.66	10,449.19	0.80	-0.48	-0.63
14,585.00	89.66	293.150	5,265.42	2,987.33	-10,169.13	10,541.18	0.62	-0.45	-0.43
14,677.00	90.45	293.480	5,265.33	3,023.75	-10,253.62	10,633.17	0.93	0.86	0.36
14,770.00	90.54	293.090	5,264.53	3,060.51	-10,339.04	10,726.15	0.43	0.10	-0.42
14,862.00	89.19	291.680	5,264.75	3,095.54	-10,424.10	10,818.15	2.12	-1.47	-1.53
14,955.00	90.94	291.970	5,264.64	3,130.12	-10,510.43	10,911.14	1.91	1.88	0.31
15,047.00	90.59	291.460	5,263.41	3,164.15	-10,595.90	11,003.12	0.67	-0.38	-0.55
15,139.00	89.22	290.100	5,263.56	3,196.79	-10,681.91	11,095.08	2.10	-1.49	-1.48
15,231.00	91.37	291.990	5,263.09	3,229.82	-10,767.76	11,187.05	3.11	2.34	2.05
15,324.00	90.43	291.050	5,261.63	3,263.93	-10,854.26	11,280.03	1.43	-1.01	-1.01



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Nageezi Unit 215H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB=6826+23.5 @ 6849.50ft (Ensign 140)
Site:	Nageezi Unit (213, 214, 215, 216, 217 & 218)	MD Reference:	RKB=6826+23.5 @ 6849.50ft (Ensign 140)
Well:	Nageezi Unit 215H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	MWD surveys	Database:	DT_Jul1724_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)
15,416.00	89.77	290.510	5,261.47	3,296.57	-10,940.28	11,371.99	0.93	-0.72	-0.59
15,509.00	90.80	291.080	5,261.01	3,329.59	-11,027.22	11,464.95	1.27	1.11	0.61
15,595.80	91.35	290.955	5,259.38	3,360.71	-11,108.23	11,551.71	0.65	0.63	-0.14
LTP @ 15595.80 MD 5259.38 TVD									
15,599.00	91.37	290.950	5,259.30	3,361.86	-11,111.22	11,554.91	0.65	0.63	-0.14
Survey @ 15599.00 MD 5259.30 TVD									
15,631.00	91.37	290.950	5,258.54	3,373.30	-11,141.09	11,586.89	0.00	0.00	0.00
330 ppd @ 15631.00 MD 5258.54 TVD									
15,660.00	91.37	290.950	5,257.84	3,383.66	-11,168.17	11,615.88	0.00	0.00	0.00
Survey proj. to 15660 MD 5257.84 TVD 147 FNL 95 FWL									

Design Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
439.00	438.88	2.25	8.60	MWD surveys
5,794.88	5,235.80	-328.26	-2,043.36	FTP @ 5794.88 MD 5235.80 TVD
5,979.50	5,267.11	-278.63	-2,217.68	9 5/8" Casing @ 5979.50 MD 5267.11 TVD
15,595.80	5,259.38	3,360.71	-11,108.23	LTP @ 15595.80 MD 5259.38 TVD
15,599.00	5,259.30	3,361.86	-11,111.22	Survey @ 15599.00 MD 5259.30 TVD
15,631.00	5,258.54	3,373.30	-11,141.09	330 ppd @ 15631.00 MD 5258.54 TVD
15,660.00	5,257.84	3,383.66	-11,168.17	Survey proj. to 15660 MD 5257.84 TVD 147 FNL 95 FWL



Survey Report - Geographic



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Nageezi Unit 215H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB=6826+23.5 @ 6849.50ft (Ensign 140)
Site:	Nageezi Unit (213, 214, 215, 216, 217 & 218)	MD Reference:	RKB=6826+23.5 @ 6849.50ft (Ensign 140)
Well:	Nageezi Unit 215H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	MWD surveys	Database:	DT_Jul1724_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	Nageezi Unit (213, 214, 215, 216, 217 & 218)				
Site Position:		Northing:	1,922,205.14 usft	Latitude:	36.28268900
From:	Lat/Long	Easting:	2,743,140.65 usft	Longitude:	-107.76530800
Position Uncertainty:	0.00 ft	Slot Radius:	13-3/16 "	Grid Convergence:	0.040 °

Well	Nageezi Unit 215H, Surf loc: 1761 FSL 777 FWL Section 26-T24N-R09W					
Well Position	+N/-S	0.00 ft	Northing:	1,922,186.56 usft	Latitude:	36.28263800
	+E/-W	0.00 ft	Easting:	2,743,133.00 usft	Longitude:	-107.76533400
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	6,826.00 ft

Wellbore	Original Hole				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	6/16/2024	8.494	62.722	49,029.96446562

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		292.350

Survey Program	Date	7/30/2024			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
439.00	5,933.00	MWD int (Original Hole)	MWD	OWSG MWD - Standard	
6,001.00	15,599.00	MWD (Original Hole)	MWD	OWSG MWD - Standard	
15,660.00	15,660.00	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	1,922,186.56	2,743,133.00	36.28263800	-107.76533400
439.00	2.32	75.350	438.88	2.25	8.60	1,922,188.81	2,743,141.60	36.28264416	-107.76530483
MWD surveys									
484.00	1.69	79.720	483.85	2.60	10.13	1,922,189.16	2,743,143.13	36.28264511	-107.76529962
574.00	0.54	149.470	573.84	2.47	11.65	1,922,189.03	2,743,144.65	36.28264476	-107.76529446
664.00	0.67	183.820	663.83	1.58	11.83	1,922,188.14	2,743,144.83	36.28264231	-107.76529385
753.00	0.53	183.060	752.83	0.65	11.78	1,922,187.21	2,743,144.78	36.28263976	-107.76529404
842.00	0.75	196.160	841.82	-0.32	11.59	1,922,186.24	2,743,144.59	36.28263709	-107.76529467
932.00	1.49	231.240	931.80	-1.62	10.52	1,922,184.94	2,743,143.52	36.28263353	-107.76529833
1,022.00	3.16	250.040	1,021.73	-3.20	7.27	1,922,183.36	2,743,140.27	36.28262919	-107.76530934



Survey Report - Geographic



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Nageezi Unit 215H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB=6826+23.5 @ 6849.50ft (Ensign 140)
Site:	Nageezi Unit (213, 214, 215, 216, 217 & 218)	MD Reference:	RKB=6826+23.5 @ 6849.50ft (Ensign 140)
Well:	Nageezi Unit 215H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	MWD surveys	Database:	DT_Jul1724_v17

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
1,113.00	5.30	250.720	1,112.48	-5.45	0.95	1,922,181.12	2,743,133.95	36.28262304	-107.76533081
1,209.00	7.57	252.170	1,207.86	-8.85	-9.26	1,922,177.72	2,743,123.74	36.28261372	-107.76536544
1,302.00	9.77	256.090	1,299.80	-12.62	-22.75	1,922,173.95	2,743,110.25	36.28260338	-107.76541123
1,396.00	11.98	258.590	1,392.10	-16.47	-40.06	1,922,170.10	2,743,092.94	36.28259284	-107.76546996
1,488.00	13.86	256.590	1,481.77	-20.91	-60.14	1,922,165.65	2,743,072.86	36.28258067	-107.76553810
1,582.00	16.37	257.660	1,572.51	-26.35	-84.04	1,922,160.21	2,743,048.96	36.28256576	-107.76561919
1,673.00	20.90	261.250	1,658.72	-31.57	-112.62	1,922,155.00	2,743,020.38	36.28255150	-107.76571620
1,764.00	22.95	259.700	1,743.14	-37.21	-146.12	1,922,149.36	2,742,986.88	36.28253607	-107.76582988
1,856.00	24.12	258.160	1,827.48	-44.27	-182.17	1,922,142.29	2,742,950.83	36.28251673	-107.76595221
1,949.00	25.64	257.490	1,911.85	-52.53	-220.41	1,922,134.03	2,742,912.59	36.28249412	-107.76608198
2,039.00	26.32	257.020	1,992.75	-61.23	-258.87	1,922,125.33	2,742,874.13	36.28247029	-107.76621247
2,128.00	27.78	258.120	2,072.02	-69.93	-298.39	1,922,116.63	2,742,834.61	36.28244646	-107.76634660
2,217.00	26.55	255.620	2,151.20	-79.14	-337.96	1,922,107.42	2,742,795.04	36.28242124	-107.76648087
2,307.00	27.41	256.560	2,231.40	-88.95	-377.59	1,922,097.61	2,742,755.41	36.28239436	-107.76661536
2,397.00	27.94	259.570	2,311.11	-97.59	-418.48	1,922,088.98	2,742,714.52	36.28237072	-107.76675411
2,486.00	26.40	258.110	2,390.29	-105.44	-458.35	1,922,081.13	2,742,674.65	36.28234923	-107.76688941
2,576.00	28.20	258.690	2,470.26	-113.73	-498.78	1,922,072.83	2,742,634.22	36.28232652	-107.76702662
2,665.00	28.17	258.410	2,548.71	-122.08	-539.98	1,922,064.49	2,742,593.02	36.28230368	-107.76716643
2,755.00	27.94	257.330	2,628.13	-130.97	-581.37	1,922,055.60	2,742,551.63	36.28227933	-107.76730685
2,844.00	26.64	256.140	2,707.23	-140.32	-621.08	1,922,046.24	2,742,511.92	36.28225371	-107.76744163
2,933.00	27.94	256.380	2,786.32	-150.01	-660.72	1,922,036.55	2,742,472.28	36.28222716	-107.76757614
3,023.00	26.64	255.350	2,866.30	-160.08	-700.74	1,922,026.48	2,742,432.26	36.28219958	-107.76771193
3,112.00	27.13	258.850	2,945.69	-169.05	-739.95	1,922,017.51	2,742,393.05	36.28217501	-107.76784501
3,202.00	25.15	257.960	3,026.48	-177.01	-778.79	1,922,009.55	2,742,354.21	36.28215322	-107.76797681
3,291.00	26.57	257.610	3,106.56	-185.23	-816.73	1,922,001.34	2,742,316.27	36.28213072	-107.76810556
3,381.00	26.51	257.880	3,187.08	-193.76	-856.03	1,921,992.80	2,742,276.97	36.28210734	-107.76823891
3,470.00	28.00	257.910	3,266.20	-202.31	-895.88	1,921,984.26	2,742,237.12	36.28208394	-107.76837414
3,560.00	28.82	258.360	3,345.36	-211.11	-937.79	1,921,975.45	2,742,195.22	36.28205983	-107.76851634
3,649.00	27.08	256.930	3,423.97	-220.02	-978.53	1,921,966.54	2,742,154.47	36.28203543	-107.76865461
3,739.00	27.30	257.390	3,504.03	-229.16	-1,018.63	1,921,957.41	2,742,114.37	36.28201040	-107.76879068
3,828.00	26.69	256.180	3,583.33	-238.39	-1,057.96	1,921,948.18	2,742,075.05	36.28198512	-107.76892413
3,918.00	29.19	257.940	3,662.84	-247.81	-1,099.05	1,921,938.76	2,742,033.95	36.28195933	-107.76906359
4,007.00	25.98	255.660	3,741.71	-257.17	-1,139.17	1,921,929.39	2,741,993.83	36.28193367	-107.76919974
4,097.00	27.37	256.510	3,822.13	-266.88	-1,178.39	1,921,919.69	2,741,954.61	36.28190707	-107.76933283
4,186.00	27.50	255.180	3,901.12	-276.91	-1,218.15	1,921,909.66	2,741,914.85	36.28187960	-107.76946775
4,276.00	27.00	254.700	3,981.13	-287.61	-1,257.94	1,921,898.95	2,741,875.06	36.28185026	-107.76960278
4,366.00	27.19	255.250	4,061.26	-298.24	-1,297.53	1,921,888.33	2,741,835.47	36.28182114	-107.76973713
4,455.00	27.99	255.760	4,140.13	-308.55	-1,337.44	1,921,878.01	2,741,795.56	36.28179288	-107.76987256
4,545.00	25.88	255.760	4,220.37	-318.58	-1,376.96	1,921,867.98	2,741,756.05	36.28176540	-107.77000665
4,635.00	25.61	257.520	4,301.43	-327.62	-1,414.99	1,921,858.95	2,741,718.02	36.28174065	-107.77013570
4,724.00	26.59	257.610	4,381.36	-336.05	-1,453.22	1,921,850.52	2,741,679.78	36.28171756	-107.77026545
4,814.00	26.27	257.570	4,461.95	-344.66	-1,492.34	1,921,841.91	2,741,640.66	36.28169398	-107.77039821
4,903.00	26.18	257.680	4,541.79	-353.09	-1,530.76	1,921,833.48	2,741,602.24	36.28167090	-107.77052857
4,993.00	26.69	257.110	4,622.38	-361.83	-1,569.86	1,921,824.74	2,741,563.14	36.28164694	-107.77066125
5,082.00	28.43	257.920	4,701.28	-370.72	-1,610.06	1,921,815.84	2,741,522.94	36.28162258	-107.77079768
5,172.00	26.98	257.980	4,780.96	-379.46	-1,650.98	1,921,807.11	2,741,482.02	36.28159866	-107.77093653
5,262.00	26.79	258.510	4,861.23	-387.75	-1,690.83	1,921,798.81	2,741,442.18	36.28157595	-107.77107174
5,306.00	26.96	259.860	4,900.48	-391.48	-1,710.36	1,921,795.08	2,741,422.64	36.28156574	-107.77113803
5,351.00	29.58	268.530	4,940.12	-393.56	-1,731.52	1,921,793.00	2,741,401.48	36.28156005	-107.77120982
5,396.00	32.56	275.400	4,978.68	-392.71	-1,754.69	1,921,793.86	2,741,378.31	36.28156244	-107.77128843
5,441.00	35.79	278.040	5,015.90	-389.73	-1,779.78	1,921,796.84	2,741,353.22	36.28157068	-107.77137356
5,486.00	39.24	279.720	5,051.59	-385.48	-1,806.85	1,921,801.08	2,741,326.15	36.28158238	-107.77146539
5,530.00	42.62	281.380	5,084.83	-380.19	-1,835.18	1,921,806.37	2,741,297.82	36.28159697	-107.77156150
5,575.00	46.32	282.770	5,116.94	-373.59	-1,866.00	1,921,812.98	2,741,267.01	36.28161517	-107.77166604
5,620.00	50.10	284.720	5,146.92	-365.60	-1,898.58	1,921,820.96	2,741,234.43	36.28163716	-107.77177656



Survey Report - Geographic



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Nageezi Unit 215H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB=6826+23.5 @ 6849.50ft (Ensign 140)
Site:	Nageezi Unit (213, 214, 215, 216, 217 & 218)	MD Reference:	RKB=6826+23.5 @ 6849.50ft (Ensign 140)
Well:	Nageezi Unit 215H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	MWD surveys	Database:	DT_Jul1724_v17

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
5,664.00	53.87	285.580	5,174.02	-356.54	-1,932.03	1,921,830.03	2,741,200.98	36.28166212	-107.77189004
5,709.00	58.88	284.500	5,198.93	-346.83	-1,968.20	1,921,839.74	2,741,164.80	36.28168886	-107.77201276
5,753.00	64.67	283.680	5,219.73	-337.40	-2,005.79	1,921,849.16	2,741,127.21	36.28171482	-107.77214027
5,794.88	70.18	283.661	5,235.80	-328.26	-2,043.36	1,921,858.30	2,741,089.65	36.28173998	-107.77226770
FTP @ 5794.88 MD 5235.80 TVD									
5,798.00	70.59	283.660	5,236.85	-327.57	-2,046.21	1,921,858.99	2,741,086.79	36.28174189	-107.77227738
5,843.00	76.59	284.850	5,249.55	-316.94	-2,088.03	1,921,869.63	2,741,044.98	36.28177117	-107.77241924
5,888.00	81.74	286.660	5,258.01	-304.94	-2,130.54	1,921,881.63	2,741,002.46	36.28180421	-107.77256348
5,933.00	84.58	287.800	5,263.37	-291.70	-2,173.21	1,921,894.86	2,740,959.79	36.28184064	-107.77270822
5,979.50	86.19	284.966	5,267.11	-278.63	-2,217.68	1,921,907.93	2,740,915.33	36.28187662	-107.77285905
9 5/8" Casing @ 5979.50 MD 5267.11 TVD									
6,001.00	86.94	283.660	5,268.40	-273.33	-2,238.47	1,921,913.24	2,740,894.53	36.28189123	-107.77292959
6,045.00	86.57	283.710	5,270.89	-262.93	-2,281.15	1,921,923.63	2,740,851.85	36.28191985	-107.77307439
6,120.00	88.96	284.000	5,273.81	-244.99	-2,353.91	1,921,941.58	2,740,779.09	36.28196928	-107.77332121
6,208.00	88.96	284.210	5,275.41	-223.55	-2,439.24	1,921,963.02	2,740,693.76	36.28202832	-107.77361069
6,295.00	88.53	287.210	5,277.32	-200.00	-2,522.96	1,921,986.57	2,740,610.04	36.28209315	-107.77389470
6,383.00	89.10	290.870	5,279.14	-171.30	-2,606.12	1,922,015.26	2,740,526.89	36.28217213	-107.77417677
6,470.00	90.37	295.750	5,279.54	-136.89	-2,685.99	1,922,049.68	2,740,447.02	36.28226680	-107.77444770
6,558.00	89.51	295.740	5,279.63	-98.66	-2,765.25	1,922,087.90	2,740,367.75	36.28237193	-107.77471656
6,645.00	88.96	295.800	5,280.79	-60.84	-2,843.59	1,922,125.72	2,740,289.41	36.28247596	-107.77498228
6,732.00	88.39	296.810	5,282.81	-22.30	-2,921.56	1,922,164.27	2,740,211.44	36.28258197	-107.77524674
6,820.00	87.68	297.670	5,285.82	17.96	-2,999.75	1,922,204.52	2,740,133.25	36.28269268	-107.77551196
6,908.00	90.03	295.380	5,287.58	57.24	-3,078.47	1,922,243.81	2,740,054.54	36.28280073	-107.77577895
6,996.00	90.02	296.300	5,287.54	95.60	-3,157.67	1,922,282.16	2,739,975.34	36.28290622	-107.77604759
7,084.00	89.73	296.770	5,287.74	134.91	-3,236.40	1,922,321.47	2,739,896.61	36.28301435	-107.77631464
7,170.00	90.57	296.470	5,287.51	173.44	-3,313.28	1,922,360.01	2,739,819.73	36.28312032	-107.77657542
7,259.00	90.68	296.910	5,286.54	213.42	-3,392.79	1,922,399.98	2,739,740.22	36.28323026	-107.77684513
7,346.00	89.70	293.520	5,286.25	250.47	-3,471.49	1,922,437.04	2,739,661.52	36.28333218	-107.77711207
7,434.00	89.21	293.180	5,287.09	285.35	-3,552.28	1,922,471.91	2,739,580.73	36.28342812	-107.77738612
7,522.00	88.62	292.570	5,288.76	319.55	-3,633.34	1,922,506.12	2,739,499.67	36.28352220	-107.77766110
7,610.00	90.29	292.750	5,289.59	353.45	-3,714.54	1,922,540.02	2,739,418.47	36.28361546	-107.77793655
7,698.00	89.66	292.260	5,289.63	387.13	-3,795.84	1,922,573.70	2,739,337.17	36.28370811	-107.77821232
7,785.00	91.13	292.200	5,289.03	420.05	-3,876.37	1,922,606.61	2,739,256.64	36.28379865	-107.77848550
7,873.00	90.94	291.740	5,287.44	452.96	-3,957.96	1,922,639.53	2,739,175.04	36.28388920	-107.77876229
7,961.00	89.91	291.180	5,286.79	485.16	-4,039.86	1,922,671.72	2,739,093.15	36.28397777	-107.77904010
8,049.00	89.96	292.510	5,286.89	517.90	-4,121.54	1,922,704.47	2,739,011.47	36.28406784	-107.77931717
8,136.00	87.54	291.560	5,288.79	550.53	-4,202.16	1,922,737.10	2,738,930.85	36.28415760	-107.77959065
8,224.00	90.04	291.650	5,290.64	582.92	-4,283.95	1,922,769.49	2,738,849.06	36.28424671	-107.77986812
8,311.00	89.93	291.060	5,290.67	614.60	-4,364.98	1,922,801.17	2,738,768.03	36.28433386	-107.78014298
8,399.00	92.15	291.890	5,289.07	646.81	-4,446.85	1,922,833.38	2,738,686.16	36.28442246	-107.78042071
8,486.00	88.92	290.200	5,288.26	678.05	-4,528.03	1,922,864.61	2,738,604.98	36.28450839	-107.78069610
8,574.00	91.44	290.900	5,287.98	708.94	-4,610.42	1,922,895.50	2,738,522.59	36.28459336	-107.78097561
8,662.00	90.45	290.260	5,286.53	739.86	-4,692.79	1,922,926.43	2,738,440.22	36.28467844	-107.78125504
8,749.00	90.80	290.090	5,285.58	769.87	-4,774.45	1,922,956.43	2,738,358.56	36.28476098	-107.78153205
8,837.00	90.12	289.890	5,284.87	799.95	-4,857.14	1,922,986.51	2,738,275.86	36.28484374	-107.78181258
8,924.00	90.86	290.440	5,284.13	829.94	-4,938.81	1,923,016.50	2,738,194.20	36.28492625	-107.78208961
9,011.00	90.00	290.990	5,283.48	860.71	-5,020.18	1,923,047.27	2,738,112.83	36.28501090	-107.78236566
9,098.00	89.23	291.430	5,284.06	892.19	-5,101.28	1,923,078.75	2,738,031.73	36.28509748	-107.78264079
9,185.00	91.37	293.750	5,283.61	925.60	-5,181.60	1,923,112.16	2,737,951.41	36.28518938	-107.78291324
9,273.00	88.76	292.350	5,283.51	960.05	-5,262.56	1,923,146.61	2,737,870.45	36.28528414	-107.78318790
9,360.00	91.05	294.790	5,283.65	994.84	-5,342.29	1,923,181.40	2,737,790.72	36.28537980	-107.78345837
9,448.00	92.90	296.260	5,280.62	1,032.73	-5,421.65	1,923,219.29	2,737,711.36	36.28548401	-107.78372758
9,535.00	93.28	296.220	5,275.93	1,071.14	-5,499.57	1,923,257.70	2,737,633.44	36.28558964	-107.78399190
9,623.00	92.78	295.820	5,271.28	1,109.69	-5,578.54	1,923,296.25	2,737,554.47	36.28569564	-107.78425978
9,711.00	92.12	295.770	5,267.51	1,147.95	-5,657.70	1,923,334.51	2,737,475.31	36.28580085	-107.78452831



Survey Report - Geographic



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Nageezi Unit 215H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB=6826+23.5 @ 6849.50ft (Ensign 140)
Site:	Nageezi Unit (213, 214, 215, 216, 217 & 218)	MD Reference:	RKB=6826+23.5 @ 6849.50ft (Ensign 140)
Well:	Nageezi Unit 215H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	MWD surveys	Database:	DT_Jul1724_v17

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
9,799.00	92.31	296.140	5,264.11	1,186.43	-5,736.77	1,923,372.99	2,737,396.25	36.28590668	-107.78479652
9,886.00	90.07	294.400	5,262.31	1,223.56	-5,815.42	1,923,410.12	2,737,317.60	36.28600878	-107.78506332
9,973.00	88.53	292.260	5,263.37	1,258.01	-5,895.29	1,923,444.57	2,737,237.72	36.28610352	-107.78533428
10,060.00	87.67	292.210	5,266.25	1,290.91	-5,975.77	1,923,477.47	2,737,157.24	36.28619402	-107.78560732
10,149.00	87.03	292.080	5,270.37	1,324.42	-6,058.12	1,923,510.99	2,737,074.89	36.28628619	-107.78588667
10,239.00	88.11	291.360	5,274.19	1,357.70	-6,141.65	1,923,544.26	2,736,991.36	36.28637771	-107.78617006
10,326.00	90.21	291.440	5,275.46	1,389.44	-6,222.64	1,923,576.00	2,736,910.37	36.28646501	-107.78644481
10,415.00	89.99	291.830	5,275.31	1,422.25	-6,305.37	1,923,608.81	2,736,827.64	36.28655526	-107.78672547
10,504.00	89.56	292.070	5,275.65	1,455.52	-6,387.92	1,923,642.08	2,736,745.09	36.28664676	-107.78700551
10,591.00	88.94	292.000	5,276.79	1,488.16	-6,468.56	1,923,674.72	2,736,664.45	36.28673652	-107.78727907
10,678.00	88.49	291.790	5,278.74	1,520.59	-6,549.26	1,923,707.15	2,736,583.75	36.28682572	-107.78755285
10,766.00	92.58	292.870	5,277.92	1,554.02	-6,630.64	1,923,740.58	2,736,502.37	36.28691765	-107.78782893
10,852.00	92.03	292.910	5,274.46	1,587.44	-6,709.80	1,923,774.00	2,736,423.21	36.28700957	-107.78809749
10,939.00	91.35	292.400	5,271.90	1,620.94	-6,790.06	1,923,807.50	2,736,342.96	36.28710169	-107.78836974
11,027.00	90.64	292.330	5,270.37	1,654.42	-6,871.42	1,923,840.98	2,736,261.59	36.28719376	-107.78864578
11,115.00	88.94	291.190	5,270.69	1,687.04	-6,953.15	1,923,873.60	2,736,179.86	36.28728348	-107.78892303
11,203.00	88.70	291.020	5,272.51	1,718.72	-7,035.23	1,923,905.28	2,736,097.79	36.28737061	-107.78920149
11,291.00	87.51	290.400	5,275.41	1,749.82	-7,117.49	1,923,936.38	2,736,015.52	36.28745615	-107.78948059
11,379.00	89.43	291.520	5,277.76	1,781.29	-7,199.64	1,923,967.85	2,735,933.38	36.28754269	-107.78975926
11,465.00	88.66	290.920	5,279.20	1,812.41	-7,279.79	1,923,998.97	2,735,853.22	36.28762829	-107.79003120
11,553.00	90.77	291.980	5,279.64	1,844.59	-7,361.69	1,924,031.15	2,735,771.32	36.28771678	-107.79030904
11,642.00	89.86	291.450	5,279.15	1,877.52	-7,444.37	1,924,064.08	2,735,688.64	36.28780734	-107.79058955
11,729.00	89.19	290.800	5,279.87	1,908.87	-7,525.52	1,924,095.43	2,735,607.49	36.28789357	-107.79086486
11,816.00	91.47	291.460	5,279.37	1,940.23	-7,606.67	1,924,126.79	2,735,526.35	36.28797981	-107.79114014
11,905.00	90.58	290.260	5,277.77	1,971.91	-7,689.82	1,924,158.47	2,735,443.20	36.28806695	-107.79142224
11,999.00	91.35	291.760	5,276.19	2,005.61	-7,777.55	1,924,192.17	2,735,355.46	36.28815962	-107.79171989
12,091.00	90.59	290.770	5,274.63	2,038.97	-7,863.27	1,924,225.53	2,735,269.74	36.28825137	-107.79201072
12,183.00	91.20	291.860	5,273.20	2,072.41	-7,948.97	1,924,258.97	2,735,184.05	36.28834332	-107.79230145
12,275.00	90.02	291.180	5,272.22	2,106.15	-8,034.55	1,924,292.71	2,735,098.47	36.28843612	-107.79259179
12,368.00	88.88	290.080	5,273.11	2,138.92	-8,121.58	1,924,325.48	2,735,011.44	36.28852622	-107.79288705
12,460.00	90.55	291.340	5,273.57	2,171.45	-8,207.63	1,924,358.01	2,734,925.39	36.28861569	-107.79317899
12,552.00	90.35	290.980	5,272.84	2,204.66	-8,293.42	1,924,391.22	2,734,839.59	36.28870701	-107.79347006
12,645.00	89.85	293.590	5,272.68	2,239.92	-8,379.47	1,924,426.48	2,734,753.55	36.28880398	-107.79376198
12,738.00	89.95	293.390	5,272.84	2,276.99	-8,464.76	1,924,463.55	2,734,668.26	36.28890591	-107.79405135
12,830.00	89.28	292.810	5,273.46	2,313.08	-8,549.38	1,924,499.64	2,734,583.63	36.28900515	-107.79433843
12,922.00	88.00	291.330	5,275.65	2,347.64	-8,634.61	1,924,534.20	2,734,498.40	36.28910018	-107.79462759
13,014.00	90.31	292.880	5,277.00	2,382.25	-8,719.83	1,924,568.81	2,734,413.18	36.28919535	-107.79491672
13,107.00	90.43	292.700	5,276.40	2,418.28	-8,805.57	1,924,604.84	2,734,327.45	36.28929440	-107.79520760
13,199.00	89.78	291.990	5,276.23	2,453.25	-8,890.66	1,924,639.81	2,734,242.36	36.28939058	-107.79549628
13,291.00	91.15	292.320	5,275.49	2,487.95	-8,975.86	1,924,674.51	2,734,157.15	36.28948597	-107.79578535
13,383.00	89.77	291.200	5,274.75	2,522.05	-9,061.30	1,924,708.61	2,734,071.72	36.28957975	-107.79607522
13,476.00	90.09	291.240	5,274.86	2,555.71	-9,148.00	1,924,742.27	2,733,985.02	36.28967231	-107.79636935
13,568.00	91.31	291.720	5,273.74	2,589.40	-9,233.60	1,924,775.96	2,733,899.42	36.28976493	-107.79665978
13,661.00	90.84	290.750	5,271.99	2,623.07	-9,320.27	1,924,809.63	2,733,812.75	36.28985754	-107.79695382
13,752.00	90.88	291.610	5,270.63	2,655.95	-9,405.11	1,924,842.51	2,733,727.91	36.28994793	-107.79724167
13,844.00	90.04	290.520	5,269.89	2,689.01	-9,490.96	1,924,875.57	2,733,642.06	36.29003885	-107.79753293
13,937.00	90.90	293.740	5,269.13	2,724.04	-9,577.09	1,924,910.60	2,733,555.93	36.29013516	-107.79782517
14,030.00	90.35	292.770	5,268.11	2,760.76	-9,662.53	1,924,947.32	2,733,470.49	36.29023611	-107.79811504
14,123.00	90.87	295.250	5,267.12	2,798.59	-9,747.47	1,924,985.15	2,733,385.55	36.29034013	-107.79840322
14,215.00	89.86	294.230	5,266.54	2,837.09	-9,831.02	1,925,023.65	2,733,302.00	36.29044597	-107.79869669
14,308.00	90.34	294.450	5,266.37	2,875.42	-9,915.75	1,925,061.98	2,733,217.26	36.29055135	-107.79897417
14,400.00	90.52	294.140	5,265.68	2,913.27	-9,999.60	1,925,099.83	2,733,133.41	36.29065541	-107.79925865
14,493.00	90.07	293.550	5,265.20	2,950.87	-10,084.66	1,925,137.43	2,733,048.35	36.29075877	-107.79954724
14,585.00	89.66	293.150	5,265.42	2,987.33	-10,169.13	1,925,173.89	2,732,963.89	36.29085902	-107.79983381
14,677.00	90.45	293.480	5,265.33	3,023.75	-10,253.62	1,925,210.30	2,732,879.40	36.29095912	-107.80012045



Survey Report - Geographic



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Nageezi Unit 215H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB=6826+23.5 @ 6849.50ft (Ensign 140)
Site:	Nageezi Unit (213, 214, 215, 216, 217 & 218)	MD Reference:	RKB=6826+23.5 @ 6849.50ft (Ensign 140)
Well:	Nageezi Unit 215H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	MWD surveys	Database:	DT_Jul1724_v17

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
14,770.00	90.54	293.090	5,264.53	3,060.51	-10,339.04	1,925,247.07	2,732,793.98	36.29106019	-107.80041027
14,862.00	89.19	291.680	5,264.75	3,095.54	-10,424.10	1,925,282.10	2,732,708.92	36.29115651	-107.80069888
14,955.00	90.94	291.970	5,264.64	3,130.12	-10,510.43	1,925,316.67	2,732,622.59	36.29125157	-107.80099179
15,047.00	90.59	291.460	5,263.41	3,164.15	-10,595.90	1,925,350.71	2,732,537.13	36.29134514	-107.80128175
15,139.00	89.22	290.100	5,263.56	3,196.79	-10,681.91	1,925,383.35	2,732,451.11	36.29143488	-107.80157358
15,231.00	91.37	291.990	5,263.09	3,229.82	-10,767.76	1,925,416.38	2,732,365.26	36.29152570	-107.80186487
15,324.00	90.43	291.050	5,261.63	3,263.93	-10,854.26	1,925,450.49	2,732,278.76	36.29161948	-107.80215837
15,416.00	89.77	290.510	5,261.47	3,296.57	-10,940.28	1,925,483.13	2,732,192.74	36.29170922	-107.80245022
15,509.00	90.80	291.080	5,261.01	3,329.59	-11,027.22	1,925,516.15	2,732,105.80	36.29179999	-107.80274519
15,595.80	91.35	290.955	5,259.38	3,360.71	-11,108.23	1,925,547.27	2,732,024.79	36.29188556	-107.80302006
LTP @ 15595.80 MD 5259.38 TVD									
15,599.00	91.37	290.950	5,259.30	3,361.86	-11,111.22	1,925,548.42	2,732,021.81	36.29188871	-107.80303020
Survey @ 15599.00 MD 5259.30 TVD									
15,631.00	91.37	290.950	5,258.54	3,373.30	-11,141.09	1,925,559.85	2,731,991.93	36.29192016	-107.80313156
330 ppd @ 15631.00 MD 5258.54 TVD									
15,660.00	91.37	290.950	5,257.84	3,383.66	-11,168.17	1,925,570.22	2,731,964.85	36.29194866	-107.80322343
Survey proj. to 15660 MD 5257.84 TVD 147 FNL 95 FWL									

Design Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
439.00	438.88	2.25	8.60	MWD surveys
5,794.88	5,235.80	-328.26	-2,043.36	FTP @ 5794.88 MD 5235.80 TVD
5,979.50	5,267.11	-278.63	-2,217.68	9 5/8" Casing @ 5979.50 MD 5267.11 TVD
15,595.80	5,259.38	3,360.71	-11,108.23	LTP @ 15595.80 MD 5259.38 TVD
15,599.00	5,259.30	3,361.86	-11,111.22	Survey @ 15599.00 MD 5259.30 TVD
15,631.00	5,258.54	3,373.30	-11,141.09	330 ppd @ 15631.00 MD 5258.54 TVD
15,660.00	5,257.84	3,383.66	-11,168.17	Survey proj. to 15660 MD 5257.84 TVD 147 FNL 95 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: NAGEEZI UNIT 215H	Property Code: 325268
Mineral Owner: ☐ State ☐ Fee ☒ Tribal ☒ Federal	API Number: 30-045-38295
Pool Name: NAGEEZI UNIT MANCOS OIL	Pool Code: 98080

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:	L	26	24N	9W		1779	SOUTH	784	WEST	SAN JUAN
BHL:	D	28	24N	9W		158	NORTH	123	WEST	SAN JUAN

Section 3 – Completion Information

Date TD Reached 7/31/2024	Total Measured Depth of Well 15660	Acid Volume (bbls) 0	☒ Directional Survey Submitted ☐ Deviation Survey Submitted
Date Rig Released 8/1/2024	Plug-Back Measured Depth 15638	Completion Fluid Used (bbls) 130254	Were Logs Ran (Y/N): N
Completion Date 10/21/2024	Perforations (MD and TVD) 5805-15591 MD 5239-5260 TVD	Completion Proppant Used (lbs) 9581826	List Type of Logs Ran if applicable: N/A

Section 4 – Action IDs for Submissions and Order Numbers

Surface Casing Action ID: 349715	UIC Permit/Order (UIC wells only) ☐ Yes ☐ No, Order No.
Intermediate 1 Casing Action ID: 362221	NOI Recomplete Action ID (if applicable):
Intermediate 2 Casing Action ID:	NOI Plugback Action ID (if applicable):
Production Casing Action ID: 370796	Cement Squeeze Action ID (if applicable):
Tubing Action ID: 399180	All casing was pressure tested in accordance with NMAC ☒ Yes ☐ No
Liner 1 Action ID: 370796	Casing was installed prior to Action ID system (Y/N): N

Section 5 – Test Data

Date First Production: 10/25/2024	Production Method: Flowing Gas Lift	Well Status: Active Producing	Gas – Oil Ratio: 1775
Date of Test: 10/28/2024	Choke Size: 52/64	Flowing Tubing Pressure: 149	Casing Pressure: 787
24 hr Oil (bbls): 329	24 hr Gas (MCF): 584	24 hr Water (bbls): 874	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: 12/11/2024

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	-
B. Salt				T. Ojo Alamo	831	831	W
T. Yates				T. Kirtland	956	956	-
T. 7 Rivers				T. Fruitland	1247	1246	G
T. Queen				T. Pictured Cliffs	1601	1591	W
T. Grayburg				T. Lewis Shale	1717	1701	-
T. San Andres				T. Chacra	2050	2000	-
T. Glorieta				T. Cliff House	3273	3088	-
T. Yeso				T. Menefee	3306	3118	G
T. Paddock				T. Point Lookout	4344	4042	-
T. Blinebry				T. Mancos	4557	4231	O/G
T.Tubb				T. Gallup	5351	4937	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

11/13/2024

Operator Name DJR OPERATING LLC	Well Name NAGEEZI UNIT	Well Number 215H	US Well Number 3004538295
SHL NWSW Sec 26 24N 9W	County SAN JUAN	State NM	Lease Number(s) NOG14021898
Well Type OIL WELL	Well Status Producing Oil Well	Agreement Name	Agreement Number(s) NMNM132981A
Allottee/Tribe Name EASTERN NAVAJO	Well Pad Name NAGEEZI UNIT	Well Pad Number 213H,214H,215H,216H,217H,218H	APD ID 10400077858

Section 1 - General

Well Completion Report Id: 93652**Submission Date:** 11-12-2024**BLM Office:** Farmington Field Office**User:** SHAW-MARIE FORD**Title:** Regulatory Specialist**Federal/Indian:** INDIAN**Lease Number:** NOG14021898**Lease Acres:****Agreement in place?:** YES**Federal or Indian Agreement:** INDIAN**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:** NAGEEZI UNIT MANCOS**Field Name:** BASIN MANCOS**Well Type:** OIL WELL**Spud Date:** 05-23-2024**Date Total Measured Depth Reached:** 07-31-2024**Drill & Abandon or Ready To Produce:** READY TO PRODUCE**Well Class:** HORIZONTAL

Operator Name DJR OPERATING LLC	Well Name NAGEEZI UNIT	Well Number 215H	US Well Number 3004538295
SHL NWSW Sec 26 24N 9W	County SAN JUAN	State NM	Lease Number(s) NOG14021898
Well Type OIL WELL	Well Status Producing Oil Well	Agreement Name	Agreement Number(s) NMNM132981A
Allottee/Tribe Name EASTERN NAVAJO	Well Pad Name NAGEEZI UNIT	Well Pad Number 213H,214H,215H,216H,217 H,218H	APD ID 10400077858

Section 3 - Geologic

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral
OJO ALAMAO	SANDSTONE		6826	831	831	NATURAL GAS, USEABLE WATER	
KIRTLAND	SHALE		5894	956	956	NATURAL GAS, OIL	
FRUITLAND	COAL		5594	1246	1247	NATURAL GAS	
PICTURED CLIFFS	SANDSTONE		5257	1591	1601	NATURAL GAS, USEABLE WATER	
LEWIS	SHALE		5156	1701	1717	NATURAL GAS	
CHACRA	SANDSTONE		4445	2000	2050	NATURAL GAS	
MENEFEE	COAL, SANDSTONE		3723	3118	3306	NATURAL GAS	
POINT LOOKOUT	SANDSTONE		2791	4042	4344	NATURAL GAS	
MANCOS	SHALE		2619	4231	4557	NATURAL GAS, OIL	
GALLUP	SANDSTONE		1630	4937	5351	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 NAGEEZI UNIT	Well Number 215H	US Well Number 3004538295
SHL NWSW Sec 26 24N 9W	County SAN JUAN	State NM	Lease Number(s) NOG14021898
Well Type OIL WELL	Well Status Producing Oil Well	Agreement Name	Agreement Number(s) NMNM132981A
Allottee/Tribe Name EASTERN NAVAJO	Well Pad Name NAGEEZI UNIT	Well Pad Number 213H,214H,215H,216H,217H,218H	APD ID 10400077858

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	NMNM132981A	NOG14021898	NEW		POW	10-21-2024	10-25-2024	GALLUP	5805	15591	Y	.3	1470	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	130254	9581826	Chemical Disclosure uploaded to FracFocus on 10/17/2024.

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 NAGEEZI UNIT	Well Number 215H	US Well Number 3004538295
SHL NWSW Sec 26 24N 9W	County SAN JUAN	State NM	Lease Number(s) NOG14021898
Well Type OIL WELL	Well Status Producing Oil Well	Agreement Name	Agreement Number(s) NMNM132981A
Allottee/Tribe Name EASTERN NAVAJO	Well Pad Name NAGEEZI UNIT	Well Pad Number 213H,214H,215H,216H,217 H,218H	APD ID 10400077858

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	10/28/2024	24	329	584	874	1775	52/64	149	0	787

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	FIRST PRINCIPAL	SAN JUAN	36.282638	-107.765334	6826	N/A	N/A	INDIAN	NOG14011834				1761	FSL	777	FWL	24N	9W	26	NWSW
KOP Well bore 00	NEW MEXICO	FIRST PRINCIPAL	SAN JUAN	36.282638	-107.765334	6440	386	386	INDIAN	NOG14011834				1761	FSL	777	FWL	24N	9W	26	NWSW
PPP Well bore 00	NEW MEXICO	FIRST PRINCIPAL	SAN JUAN	36.28616	-107.785589	1568	15591	5258	FEDERAL	NMNM12374				2248	FNL	1	FEL	24N	9W	28	SENE
PPP Well bore 00	NEW MEXICO	FIRST PRINCIPAL	SAN JUAN	36.28174	-107.772268	1566	5805	5260	FEDERAL	NMNM12374				1411	FSL	1274	FEL	24N	9W	27	NESE

Operator Name DJR OPERATING LLC	Well Name NAGEEZI UNIT	Well Number 215H	US Well Number 3004538295
SHL NWSW Sec 26 24N 9W	County SAN JUAN	State NM	Lease Number(s) NOG14021898
Well Type OIL WELL	Well Status Producing Oil Well	Agreement Name	Agreement Number(s) NMNM132981A
Allottee/Tribe Name EASTERN NAVAJO	Well Pad Name NAGEEZI UNIT	Well Pad Number 213H,214H,215H,216H,217H,218H	APD ID 10400077858

	State	Meridian	County	Latitude	Longitude	Elevation (MSL)	MD (ft)	TVD (ft)	Lease Type	Lease Number	Plug TVD (ft)	Plug MD (ft)	Plug Type	NS-Foot	NS-Indicator	EW-Foot	EW-Indicator	Township	Range	Section	Aliquot/Lot/Tract
EXIT Well bore 00	NEW MEXICO	FIRST PRINCIPAL	SAN JUAN	36.291906	-107.803085	1568	15591	5258	FEDERAL	NMNM12374				163	FNL	136	FWL	24N	9W	28	NWNW

BHL Well bore 00	NEW MEXICO	FIRST PRINCIPAL	SAN JUAN	36.29192	-107.803132	1568	15660	5258	FEDERAL	NMNM12374	5258	15630		158	FNL	123	FWL	24N	9W	28	NWNW
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Casing, Liner and Tubing

Casing and Liner

Wellbore Code	Casing String Type	Hole Size	Top Setting Depth (MD)	Bottom Setting Depth (MD)	Casing Size	Wt(lbs/ft)	Casing Grade	Describe Other Casing Grade	Joint	Other Joint	Amount Pulled (ft)
00	SURFACE	12.25	0	386	9.625	36	K-55		ST&C		
00	INTERMEDIATE	8.75	0	5979	7.0	26	K-55		LT&C		

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Allottee/Tribe Name EASTERN NAVAJO	Well Pad Name NAGEEZI UNIT	Well Pad Number 213H,214H,215H,216H,217H,218H	APD ID 10400077858

Casing and Liner

Wellbore Code	Casing String Type	Hole Size	Top Setting Depth (MD)	Bottom Setting Depth (MD)	Casing Size	Wt(lbs/ft)	Casing Grade	Describe Other Casing Grade	Joint	Other Joint	Amount Pulled (ft)
00	LINER	6.125	5737	15650	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	543	2.15	0	III	168	1.71	4127	259.1
00	LINER		POZ/G	795	1.56	5737					220.9

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		6077	5737	6	L-80		SLIM LINE HIGH PERFORMANCE	

Operator Name DJR OPERATING LLC	Well Name NAGEEZI UNIT	Well Number 215H	US Well Number 3004538295
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Well Type OIL WELL	Well Status Producing Oil Well	Agreement Name	Agreement Number(s) NMNM132981A
Allottee/Tribe Name EASTERN NAVAJO	Well Pad Name NAGEEZI UNIT	Well Pad Number 213H,214H,215H,216H,217H,218H	APD ID 10400077858

215H_MWD_20241112091113.pdf

NU_215H_AsDrilled_C102_and_WBD_20241112091124.pdf

CONFIDENTIAL

From: blm-afmss-notifications@blm.gov
To: [Shaw-Marie Ford](#)
Subject: Well Name: NAGEEZI UNIT, Well Number: 215H, Notification of Well Completion Acceptance
Date: Wednesday, November 13, 2024 11:19:55 AM

The Bureau of Land Management

Notice of Acceptance for Well Completion Report

- Operator Name: **DJR OPERATING LLC**
- Well Name: **NAGEEZI UNIT**
- Well Number: **215H**
- US Well Number: **3004538295**
- Well Completion Report Id: **WCR2024111393652**

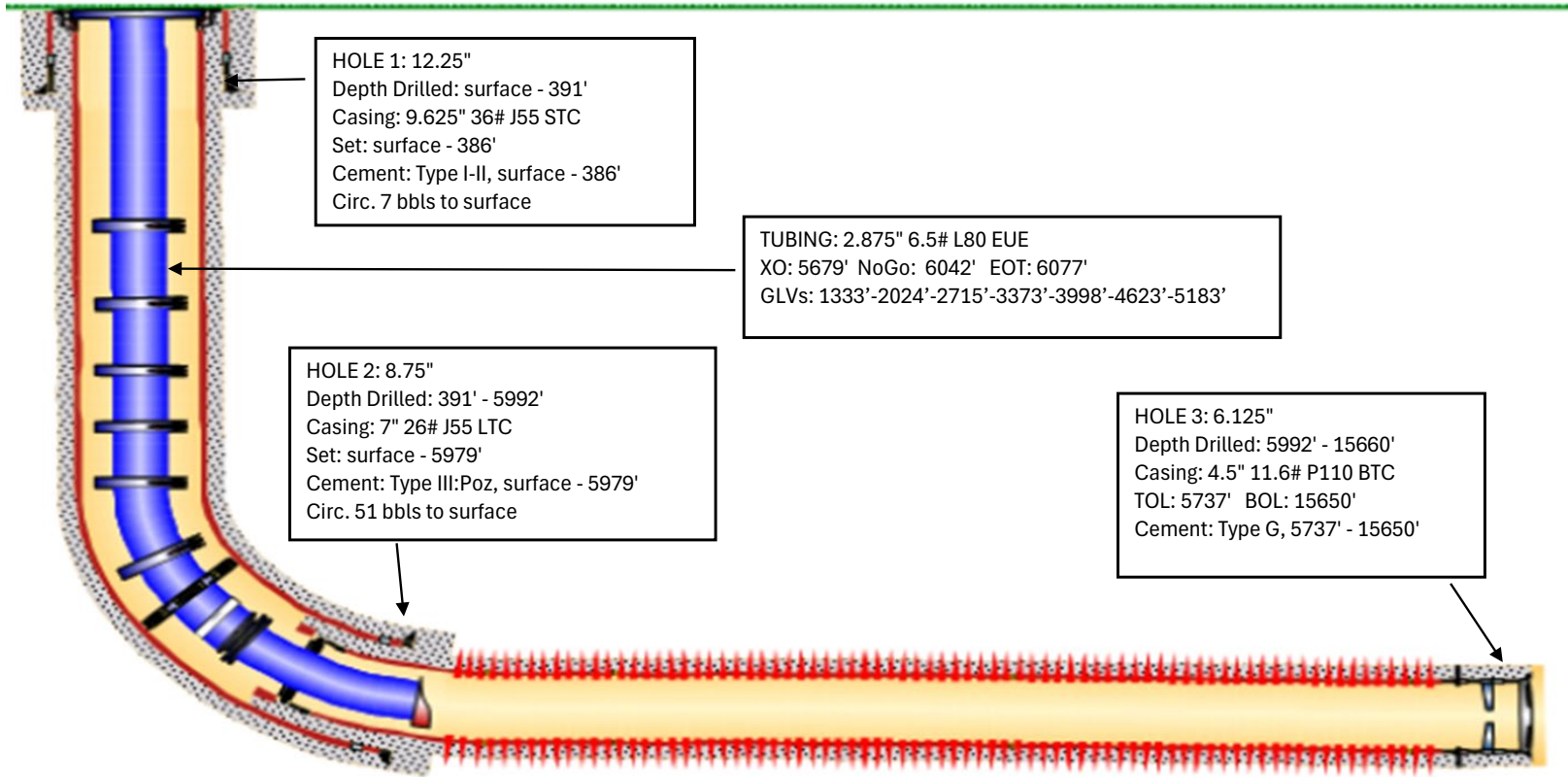
This notification is automatically generated. Please do not reply to this message as this account is not monitored.

NAGEEZI UNIT 215H

API: 30-045-38295
 SHL: NWSW L-26-24N-09W
 1761' FSL x 777' FWL

Elevation: 6826' GL
 Spud Date: 5/23/2024
 Completed Date: 10/21/2024

FORMATION	MD	TVD
Nacimiento	0	0
Ojo Alamo	831	831
Kirtland	956	956
Fruitland	1,247	1,246
Pictured Cliffs	1,601	1,591
Lewis	1,717	1,701
Chacra	2,050	2,000
Cliff House	3,273	2,088
Menefee	3,306	3,118
Point Lookout	4,344	4,042
Mancos	4,557	4,231
KOP~	5,347	4,940
Gallup	5,351	4,578



Perf: 47 Stages	Frac: 47 Stages
Depth: 5805' - 15591'	MD 130,254 bbls of fluid
5239' - 5260'	TVD 9,581,826 lbs of proppant
Total of 1470 Open Holes	

TD	15660'
PBTD	15638'
TVD	5258'

Toe Sleeve	
Top	Bottom
15611'	15616'

(NAD83)	LAT.	LONG.
SHL:	36.282638	-107.765334
FTP:	36.281740	-107.772268
LTP:	36.291906	-107.803085
BHL:	36.291920	-107.803132

BHL: NWNW D-28-24N-09W
 158' FNL x 123' FWL

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

ACKNOWLEDGMENTS

Action 410849

ACKNOWLEDGMENTS

Operator: DJR OPERATING, LLC 200 Energy Court Farmington, NM 87401	OGRID: 371838
	Action Number: 410849
	Action Type: [C-104] Completion Packet - New Well (C-104NW)

ACKNOWLEDGMENTS

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

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

CONDITIONS

Action 410849

CONDITIONS

Operator: DJR OPERATING, LLC 200 Energy Court Farmington, NM 87401	OGRID: 371838
	Action Number: 410849
	Action Type: [C-104] Completion Packet - New Well (C-104NW)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	12/20/2024