

Santa Fe Main Office Phone: (505) 476-3441 Fax: (505) 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 213H	Property Code: 325268
Mineral Owner: ☐ State ☐ Fee ☒ Tribal ☒ Federal	API Number: 30-045-38293
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		1798' SOUTH	792' WEST	36.282689	-107.765308	SAN JUAN

Section 3 – Completion Information

Producing Method FLOWING	Ready Date 10/5/2024	Perforations MD 5525' – 13776'	Perforations TVD 5301' – 5373'
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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):	Communitization Agreement ☐ Yes ☒ No, Order No. R-13856
Surface Casing Action ID: 349284	Unit: ☒ Yes ☐ No, Order No. R-13856 / R-13856A
Intermediate 1 Casing Action ID: 361457	Compulsory Pooling: ☐ Yes ☒ No, Order No.
Intermediate 2 Casing Action ID:	Down Hole Commingling: ☐ Yes ☒ No, Order No.
Production Casing Action ID: 371171	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: 371171	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 9/4/2024

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 30-045-38293	Pool Code 98080	Pool Name NAGEEZI UNIT MANCOS OIL POOL
Property Code 325268	Property Name NAGEEZI UNIT	Well Number 213H
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		1798' SOUTH	792' WEST	36.282689° N	107.765308° 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
L	22	24N	9W		2388' SOUTH	452' WEST	36.298902° N	107.784182° W	SAN JUAN

Dedicated Acres SEC 26: NW/SW, NE/SW & SW/NW (120 AC.); SEC 27: NE/4 & NE/NW (200 AC.); SEC 22: SW/SE & SW/4 (200 AC.) = 520 ACRES	PENETRATED SPACING UNIT; 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
K	26	24N	9W		1777' SOUTH	1527' WEST	36.282724° N	107.762761° 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
L	26	24N	9W		2010' SOUTH	1268' WEST	36.283368° N	107.763638° 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
L	22	24N	9W		2372' SOUTH	469' WEST	36.298859° N	107.784124° 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

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:

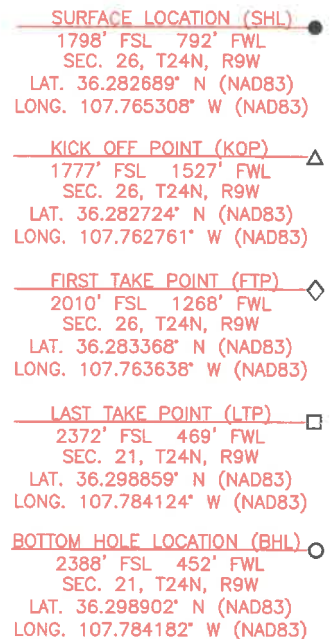
Certificate Number

11393

Date of Survey

AUGUST 26, 2024

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.





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



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 1922205.13 Easting 2743140.65 Latitude 36.28268900 Longitude -107.76530800



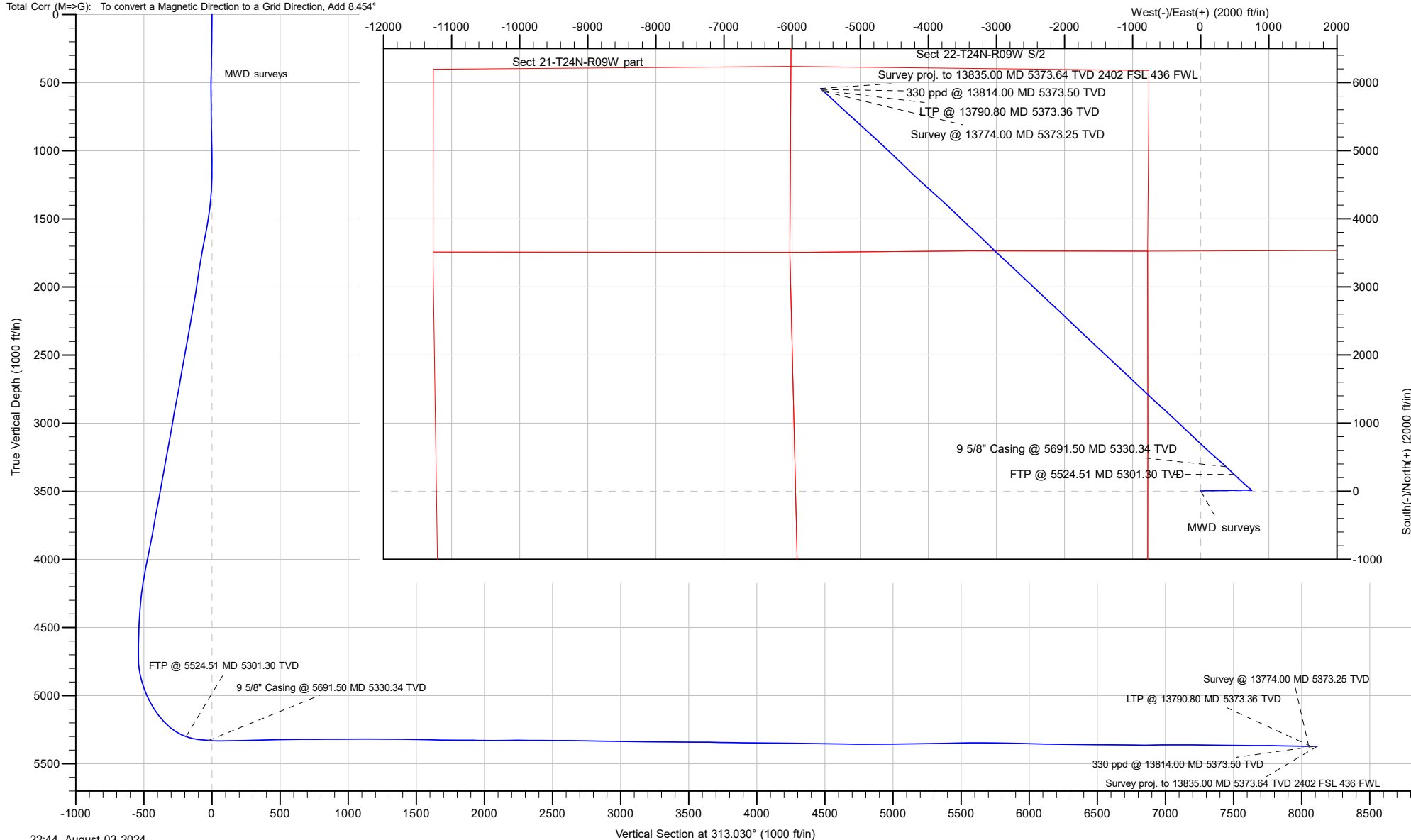
Azimuths to Grid North
True North: -0.04°
Magnetic North: 8.45°

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

ANNOTATIONS SURVEYS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Vsect	Annotation
439.00	1.50	115.480	438.95	-2.47	5.19	-5.48	MWD surveys
5524.51	70.02	313.228	5301.30	247.59	492.16	-190.81	FTP @ 5524.51 MD 5301.30 TVD
5691.50	86.38	312.412	5330.34	360.99	373.89	-26.98	9 5/8" Casing @ 5691.50 MD 5330.34 TVD
13774.00	89.64	312.430	5373.25	5871.66	-5536.16	8053.62	Survey @ 13774.00 MD 5373.25 TVD
13790.80	89.64	312.430	5373.36	5882.99	-5548.56	8070.42	LTP @ 13790.80 MD 5373.36 TVD
13814.00	89.64	312.430	5373.50	5898.64	-5565.68	8093.62	330 ppd @ 13814.00 MD 5373.50 TVD
13835.00	89.64	312.430	5373.64	5912.81	-5581.18	8114.62	Survey proj. to 13835.00 MD 5373.64 TVD 2402 FSL 436 FWL

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





Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Nageezi Unit 213H
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 213H	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 213H, Surf loc: 1798 FSL 792 FWL Section 26-T24N-R09W					
Well Position	+N/-S	0.00 ft	Northing:	1,922,205.14 usft	Latitude:	36.28268900
	+E/-W	0.00 ft	Easting:	2,743,140.65 usft	Longitude:	-107.76530800
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	49,029.99657097

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	313.030	

Survey Program	Date	8/3/2024			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
439.00	5,620.00	MWD int (Original Hole)	MWD	OWSG MWD - Standard	
5,731.00	13,774.00	MWD (Original Hole)	MWD	OWSG MWD - Standard	
13,835.00	13,835.00	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	1.50	115.480	438.95	-2.47	5.19	-5.48	0.34	0.34	0.00
MWD surveys									
484.00	0.99	118.610	483.94	-2.91	6.06	-6.42	1.14	-1.13	6.96
574.00	0.65	311.730	573.94	-2.94	6.36	-6.66	1.81	-0.38	-185.42
664.00	0.75	309.990	663.93	-2.23	5.53	-5.56	0.11	0.11	-1.93
753.00	0.72	310.120	752.92	-1.49	4.66	-4.42	0.03	-0.03	0.15
842.00	0.68	308.820	841.91	-0.80	3.82	-3.34	0.05	-0.04	-1.46



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Nageezi Unit 213H
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 213H	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	1.28	274.090	931.90	-0.39	2.40	-2.02	0.91	0.67	-38.59
1,022.00	1.32	256.210	1,021.88	-0.57	0.39	-0.67	0.45	0.04	-19.87
1,113.00	1.30	260.070	1,112.86	-1.00	-1.65	0.52	0.10	-0.02	4.24
1,209.00	2.42	87.460	1,208.83	-1.09	-0.69	-0.24	3.87	1.17	-179.80
1,302.00	6.30	81.560	1,301.55	-0.26	6.32	-4.79	4.19	4.17	-6.34
1,396.00	9.68	81.790	1,394.62	1.63	19.24	-12.96	3.60	3.60	0.24
1,488.00	13.01	83.860	1,484.81	3.84	37.20	-24.57	3.65	3.62	2.25
1,582.00	15.08	86.910	1,576.00	5.63	59.93	-39.97	2.34	2.20	3.24
1,673.00	15.68	87.880	1,663.74	6.72	84.04	-56.85	0.72	0.66	1.07
1,764.00	14.37	85.590	1,751.63	8.05	107.59	-73.16	1.58	-1.44	-2.52
1,856.00	12.64	92.260	1,841.08	8.53	129.04	-88.50	2.53	-1.88	7.25
1,949.00	10.58	92.470	1,932.18	7.76	147.74	-102.70	2.22	-2.22	0.23
2,039.00	11.90	89.890	2,020.45	7.42	165.27	-115.75	1.57	1.47	-2.87
2,128.00	13.86	89.890	2,107.21	7.46	185.11	-130.22	2.20	2.20	0.00
2,217.00	12.59	89.470	2,193.84	7.57	205.47	-145.03	1.43	-1.43	-0.47
2,307.00	14.38	89.880	2,281.36	7.68	226.45	-160.29	1.99	1.99	0.46
2,397.00	13.37	88.180	2,368.73	8.04	248.03	-175.83	1.21	-1.12	-1.89
2,486.00	14.66	88.420	2,455.08	8.68	269.57	-191.14	1.45	1.45	0.27
2,576.00	14.44	87.520	2,542.19	9.47	292.17	-207.11	0.35	-0.24	-1.00
2,665.00	14.12	89.060	2,628.44	10.13	314.11	-222.70	0.56	-0.36	1.73
2,755.00	12.64	89.730	2,716.00	10.36	334.94	-237.77	1.65	-1.64	0.74
2,844.00	15.30	90.910	2,802.36	10.22	356.42	-253.57	3.01	2.99	1.33
2,933.00	14.36	90.120	2,888.39	10.01	379.20	-270.36	1.08	-1.06	-0.89
3,023.00	12.79	89.200	2,975.88	10.13	400.32	-285.72	1.76	-1.74	-1.02
3,112.00	13.73	87.250	3,062.50	10.77	420.72	-300.20	1.17	1.06	-2.19
3,202.00	15.70	89.800	3,149.55	11.32	443.57	-316.52	2.30	2.19	2.83
3,291.00	14.50	85.220	3,235.48	12.29	466.71	-332.78	1.90	-1.35	-5.15
3,381.00	13.96	83.690	3,322.72	14.43	488.73	-347.42	0.73	-0.60	-1.70
3,470.00	14.23	90.740	3,409.04	15.47	510.34	-362.51	1.95	0.30	7.92
3,560.00	13.33	91.150	3,496.45	15.11	531.78	-378.41	1.01	-1.00	0.46
3,649.00	14.68	90.920	3,582.80	14.73	553.31	-394.42	1.52	1.52	-0.26
3,739.00	14.29	90.380	3,669.94	14.47	575.82	-411.05	0.46	-0.43	-0.60
3,828.00	13.74	89.030	3,756.29	14.58	597.37	-426.73	0.72	-0.62	-1.52
3,918.00	15.51	86.970	3,843.37	15.39	620.08	-442.77	2.05	1.97	-2.29
4,007.00	14.96	91.590	3,929.25	15.70	643.44	-459.64	1.50	-0.62	5.19
4,097.00	14.42	91.210	4,016.31	15.15	666.26	-476.70	0.61	-0.60	-0.42
4,186.00	14.23	91.540	4,102.54	14.62	688.28	-493.15	0.23	-0.21	0.37
4,276.00	11.70	90.040	4,190.24	14.31	708.46	-508.12	2.84	-2.81	-1.67
4,366.00	8.25	93.300	4,278.87	13.94	724.04	-519.76	3.88	-3.83	3.62
4,455.00	6.02	87.850	4,367.17	13.74	735.08	-527.96	2.62	-2.51	-6.12
4,545.00	4.18	95.480	4,456.81	13.61	743.06	-533.89	2.17	-2.04	8.48
4,635.00	2.09	98.330	4,546.67	13.06	747.95	-537.84	2.33	-2.32	3.17
4,724.00	0.68	78.820	4,635.65	12.92	750.07	-539.48	1.65	-1.58	-21.92



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Nageezi Unit 213H
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 213H	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)
4,769.00	0.63	74.700	4,680.64	13.04	750.57	-539.77	0.15	-0.11	-9.16
4,814.00	0.56	38.690	4,725.64	13.28	750.95	-539.88	0.83	-0.16	-80.02
4,858.00	4.34	307.900	4,769.60	14.47	749.77	-538.21	9.96	8.59	-206.34
4,903.00	9.16	307.360	4,814.27	17.69	745.58	-532.94	10.71	10.71	-1.20
4,948.00	13.07	310.760	4,858.42	23.19	738.87	-524.29	8.81	8.69	7.56
4,993.00	16.03	310.690	4,901.97	30.56	730.31	-513.00	6.58	6.58	-0.16
5,038.00	19.44	309.360	4,944.83	39.36	719.80	-499.31	7.63	7.58	-2.96
5,082.00	22.85	308.540	4,985.86	49.33	707.46	-483.48	7.78	7.75	-1.86
5,127.00	26.33	310.440	5,026.77	61.25	693.02	-464.80	7.93	7.73	4.22
5,172.00	29.48	311.920	5,066.54	75.13	677.18	-443.75	7.17	7.00	3.29
5,217.00	33.16	312.110	5,104.97	90.78	659.81	-420.37	8.18	8.18	0.42
5,262.00	36.94	313.690	5,141.80	108.38	640.89	-394.53	8.64	8.40	3.51
5,306.00	41.20	313.690	5,175.96	127.54	620.84	-366.81	9.68	9.68	0.00
5,351.00	45.35	313.380	5,208.71	148.78	598.48	-335.97	9.23	9.22	-0.69
5,396.00	51.56	312.880	5,238.54	171.79	573.91	-302.31	13.82	13.80	-1.11
5,441.00	57.64	312.840	5,264.60	196.72	547.04	-265.64	13.51	13.51	-0.09
5,486.00	64.40	312.630	5,286.39	223.42	518.14	-226.30	15.03	15.02	-0.47
5,524.51	70.02	313.228	5,301.30	247.59	492.16	-190.81	14.66	14.59	1.55
FTP @ 5524.51 MD 5301.30 TVD									
5,530.00	70.82	313.310	5,303.14	251.14	488.39	-185.64	14.66	14.59	1.49
5,575.00	77.29	314.110	5,315.50	281.03	457.13	-142.40	14.48	14.38	1.78
5,620.00	82.47	314.640	5,323.40	312.00	425.48	-98.12	11.57	11.51	1.18
5,691.50	86.38	312.412	5,330.34	360.99	373.89	-26.98	6.29	5.48	-3.12
9 5/8" Casing @ 5691.50 MD 5330.34 TVD									
5,731.00	88.55	311.190	5,332.09	387.29	344.48	12.47	6.29	5.48	-3.09
5,775.00	88.55	310.860	5,333.20	416.16	311.29	56.43	0.75	0.00	-0.75
5,819.00	91.34	311.230	5,333.24	445.05	278.11	100.39	6.40	6.34	0.84
5,862.00	91.41	311.100	5,332.21	473.35	245.75	143.36	0.34	0.16	-0.30
5,950.00	91.29	310.880	5,330.14	531.05	179.35	231.28	0.28	-0.14	-0.25
6,038.00	91.62	312.920	5,327.90	589.80	113.87	319.23	2.35	0.38	2.32
6,125.00	91.99	312.600	5,325.16	648.84	50.03	406.18	0.56	0.43	-0.37
6,213.00	90.45	314.150	5,323.29	709.26	-13.92	494.16	2.48	-1.75	1.76
6,300.00	90.32	313.790	5,322.71	769.66	-76.53	581.14	0.44	-0.15	-0.41
6,388.00	90.26	313.290	5,322.26	830.28	-140.32	669.14	0.57	-0.07	-0.57
6,475.00	90.53	313.150	5,321.66	889.85	-203.72	756.14	0.35	0.31	-0.16
6,563.00	90.33	313.070	5,321.00	949.99	-267.96	844.13	0.24	-0.23	-0.09
6,650.00	90.26	313.070	5,320.55	1,009.40	-331.52	931.13	0.08	-0.08	0.00
6,737.00	90.38	313.030	5,320.07	1,068.79	-395.09	1,018.13	0.15	0.14	-0.05
6,824.00	90.24	312.920	5,319.60	1,128.09	-458.74	1,105.13	0.20	-0.16	-0.13
6,911.00	90.13	312.450	5,319.31	1,187.08	-522.70	1,192.13	0.55	-0.13	-0.54
6,999.00	89.60	311.570	5,319.52	1,245.97	-588.08	1,280.11	1.17	-0.60	-1.00
7,086.00	89.30	311.340	5,320.36	1,303.56	-653.28	1,367.08	0.43	-0.34	-0.26
7,174.00	89.04	314.310	5,321.63	1,363.37	-717.81	1,455.06	3.39	-0.30	3.38
7,261.00	88.48	313.900	5,323.51	1,423.91	-780.27	1,542.02	0.80	-0.64	-0.47



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Nageezi Unit 213H
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 213H	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)
7,349.00	87.98	313.240	5,326.23	1,484.53	-844.00	1,629.97	0.94	-0.57	-0.75
7,437.00	90.13	314.140	5,327.68	1,545.30	-907.61	1,717.95	2.65	2.44	1.02
7,525.00	89.29	311.940	5,328.13	1,605.36	-971.93	1,805.94	2.68	-0.95	-2.50
7,612.00	89.92	313.410	5,328.73	1,664.33	-1,035.89	1,892.93	1.84	0.72	1.69
7,699.00	88.55	311.600	5,329.89	1,723.10	-1,100.01	1,979.92	2.61	-1.57	-2.08
7,787.00	90.92	313.850	5,330.30	1,782.80	-1,164.65	2,067.90	3.71	2.69	2.56
7,875.00	90.53	313.360	5,329.18	1,843.49	-1,228.37	2,155.89	0.71	-0.44	-0.56
7,965.00	89.91	312.570	5,328.84	1,904.82	-1,294.22	2,245.89	1.12	-0.69	-0.88
8,052.00	89.84	313.780	5,329.03	1,964.35	-1,357.67	2,332.89	1.39	-0.08	1.39
8,141.00	89.38	312.520	5,329.63	2,025.22	-1,422.60	2,421.88	1.51	-0.52	-1.42
8,230.00	89.98	314.720	5,330.13	2,086.61	-1,487.02	2,510.87	2.56	0.67	2.47
8,317.00	89.52	313.790	5,330.51	2,147.32	-1,549.33	2,597.85	1.19	-0.53	-1.07
8,405.00	89.11	312.920	5,331.56	2,207.73	-1,613.31	2,685.84	1.09	-0.47	-0.99
8,492.00	88.92	312.470	5,333.06	2,266.72	-1,677.25	2,772.83	0.56	-0.22	-0.52
8,578.00	88.76	311.890	5,334.80	2,324.45	-1,740.96	2,858.80	0.70	-0.19	-0.67
8,665.00	88.93	314.180	5,336.55	2,383.81	-1,804.54	2,945.78	2.64	0.20	2.63
8,753.00	89.39	313.610	5,337.84	2,444.81	-1,867.94	3,033.76	0.83	0.52	-0.65
8,841.00	89.23	312.680	5,338.90	2,504.99	-1,932.15	3,121.75	1.07	-0.18	-1.06
8,929.00	89.70	314.550	5,339.73	2,565.68	-1,995.85	3,209.73	2.19	0.53	2.13
9,017.00	89.58	313.700	5,340.28	2,626.95	-2,059.02	3,297.72	0.98	-0.14	-0.97
9,105.00	89.83	312.990	5,340.73	2,687.35	-2,123.01	3,385.71	0.86	0.28	-0.81
9,191.00	89.03	311.840	5,341.59	2,745.35	-2,186.50	3,471.70	1.63	-0.93	-1.34
9,279.00	90.03	314.810	5,342.31	2,805.72	-2,250.51	3,559.69	3.56	1.14	3.38
9,368.00	89.15	313.450	5,342.95	2,867.69	-2,314.38	3,648.67	1.82	-0.99	-1.53
9,456.00	89.11	312.940	5,344.28	2,927.92	-2,378.53	3,736.65	0.58	-0.05	-0.58
9,543.00	89.06	312.520	5,345.67	2,986.94	-2,442.43	3,823.64	0.49	-0.06	-0.48
9,631.00	88.73	311.750	5,347.37	3,045.97	-2,507.68	3,911.61	0.95	-0.38	-0.88
9,718.00	89.78	314.630	5,348.50	3,105.50	-2,571.09	3,998.60	3.52	1.21	3.31
9,804.00	89.60	313.850	5,348.97	3,165.50	-2,632.70	4,084.57	0.93	-0.21	-0.91
9,892.00	89.53	313.280	5,349.63	3,226.15	-2,696.47	4,172.57	0.65	-0.08	-0.65
9,986.00	89.33	312.950	5,350.57	3,290.39	-2,765.08	4,266.56	0.41	-0.21	-0.35
10,078.00	89.06	312.330	5,351.86	3,352.70	-2,832.75	4,358.55	0.73	-0.29	-0.67
10,170.00	89.15	311.800	5,353.30	3,414.33	-2,901.04	4,450.53	0.58	0.10	-0.58
10,262.00	89.26	314.690	5,354.57	3,477.35	-2,968.04	4,542.51	3.14	0.12	3.14
10,355.00	89.13	314.200	5,355.88	3,542.46	-3,034.43	4,635.47	0.55	-0.14	-0.53
10,447.00	88.75	313.660	5,357.58	3,606.28	-3,100.68	4,727.44	0.72	-0.41	-0.59
10,540.00	91.12	314.670	5,357.69	3,671.07	-3,167.38	4,820.42	2.77	2.55	1.09
10,632.00	90.89	313.770	5,356.08	3,735.22	-3,233.31	4,912.38	1.01	-0.25	-0.98
10,725.00	90.29	313.210	5,355.12	3,799.22	-3,300.77	5,005.37	0.88	-0.65	-0.60
10,817.00	88.82	311.070	5,355.83	3,860.94	-3,368.98	5,097.35	2.82	-1.60	-2.33
10,909.00	91.40	314.290	5,355.66	3,923.30	-3,436.60	5,189.33	4.48	2.80	3.50
11,001.00	91.75	314.060	5,353.13	3,987.38	-3,502.56	5,281.28	0.46	0.38	-0.25
11,094.00	91.56	313.630	5,350.44	4,051.78	-3,569.61	5,374.23	0.51	-0.20	-0.46



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Nageezi Unit 213H
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 213H	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)
11,186.00	91.28	313.010	5,348.16	4,114.88	-3,636.52	5,466.20	0.74	-0.30	-0.67
11,278.00	89.96	313.940	5,347.17	4,178.17	-3,703.28	5,558.19	1.76	-1.43	1.01
11,370.00	89.70	313.020	5,347.44	4,241.47	-3,770.03	5,650.18	1.04	-0.28	-1.00
11,463.00	89.15	311.940	5,348.37	4,304.28	-3,838.61	5,743.17	1.30	-0.59	-1.16
11,555.00	88.86	311.330	5,349.97	4,365.39	-3,907.36	5,835.13	0.73	-0.32	-0.66
11,648.00	88.93	310.610	5,351.76	4,426.35	-3,977.57	5,928.05	0.78	0.08	-0.77
11,739.00	88.96	313.380	5,353.44	4,487.22	-4,045.18	6,019.01	3.04	0.03	3.04
11,832.00	88.71	312.610	5,355.33	4,550.63	-4,113.19	6,111.99	0.87	-0.27	-0.83
11,924.00	88.24	312.110	5,357.78	4,612.60	-4,181.15	6,203.95	0.75	-0.51	-0.54
12,017.00	89.47	314.230	5,359.64	4,676.21	-4,248.96	6,296.93	2.64	1.32	2.28
12,110.00	90.16	314.200	5,359.94	4,741.06	-4,315.61	6,389.91	0.74	0.74	-0.03
12,202.00	89.71	314.100	5,360.04	4,805.14	-4,381.62	6,481.89	0.50	-0.49	-0.11
12,295.00	89.14	313.770	5,360.97	4,869.66	-4,448.59	6,574.87	0.71	-0.61	-0.35
12,387.00	89.00	313.230	5,362.47	4,932.98	-4,515.32	6,666.86	0.61	-0.15	-0.59
12,480.00	89.35	313.340	5,363.81	4,996.74	-4,583.01	6,759.84	0.39	0.38	0.12
12,572.00	90.15	313.470	5,364.21	5,059.96	-4,649.85	6,851.84	0.88	0.87	0.14
12,664.00	90.77	313.290	5,363.47	5,123.14	-4,716.71	6,943.84	0.70	0.67	-0.20
12,757.00	90.67	312.620	5,362.30	5,186.51	-4,784.77	7,036.83	0.73	-0.11	-0.72
12,849.00	89.80	312.030	5,361.92	5,248.46	-4,852.79	7,128.82	1.14	-0.95	-0.64
12,942.00	89.19	311.650	5,362.74	5,310.49	-4,922.07	7,221.79	0.77	-0.66	-0.41
13,034.00	89.45	312.960	5,363.84	5,372.41	-4,990.11	7,313.78	1.45	0.28	1.42
13,126.00	89.02	312.040	5,365.06	5,434.55	-5,057.93	7,405.77	1.10	-0.47	-1.00
13,218.00	89.21	311.830	5,366.48	5,496.03	-5,126.36	7,497.74	0.31	0.21	-0.23
13,311.00	90.07	312.230	5,367.07	5,558.29	-5,195.44	7,590.72	1.02	0.92	0.43
13,403.00	90.13	311.720	5,366.91	5,619.82	-5,263.83	7,682.70	0.56	0.07	-0.55
13,496.00	89.24	313.520	5,367.42	5,682.79	-5,332.26	7,775.70	2.16	-0.96	1.94
13,589.00	88.38	313.050	5,369.35	5,746.54	-5,399.95	7,868.67	1.05	-0.92	-0.51
13,681.00	88.57	312.400	5,371.80	5,808.94	-5,467.51	7,960.64	0.74	0.21	-0.71
13,774.00	89.64	312.430	5,373.25	5,871.66	-5,536.16	8,053.62	1.15	1.15	0.03
Survey @ 13774.00 MD 5373.25 TVD									
13,790.80	89.64	312.430	5,373.36	5,882.99	-5,548.56	8,070.42	0.00	0.00	0.00
LTP @ 13790.80 MD 5373.36 TVD									
13,814.00	89.64	312.430	5,373.50	5,898.64	-5,565.68	8,093.62	0.00	0.00	0.00
330 ppd @ 13814.00 MD 5373.50 TVD									
13,835.00	89.64	312.430	5,373.64	5,912.81	-5,581.18	8,114.62	0.00	0.00	0.00
Survey proj. to 13835.00 MD 5373.64 TVD 2402 FSL 436 FWL									



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Nageezi Unit 213H
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 213H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	MWD surveys	Database:	DT_Jul1724_v17

Design Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
439.00	438.95	-2.47	5.19	MWD surveys
5,524.51	5,301.30	247.59	492.16	FTP @ 5524.51 MD 5301.30 TVD
5,691.50	5,330.34	360.99	373.89	9 5/8" Casing @ 5691.50 MD 5330.34 TVD
13,774.00	5,373.25	5,871.66	-5,536.16	Survey @ 13774.00 MD 5373.25 TVD
13,790.80	5,373.36	5,882.99	-5,548.56	LTP @ 13790.80 MD 5373.36 TVD
13,814.00	5,373.50	5,898.64	-5,565.68	330 ppd @ 13814.00 MD 5373.50 TVD
13,835.00	5,373.64	5,912.81	-5,581.18	Survey proj. to 13835.00 MD 5373.64 TVD 2402 FSL 436 FWL



Survey Report - Geographic



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Nageezi Unit 213H
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 213H	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 213H, Surf loc: 1798 FSL 792 FWL Section 26-T24N-R09W					
Well Position	+N/-S	0.00 ft	Northing:	1,922,205.14 usft	Latitude:	36.28268900
	+E/-W	0.00 ft	Easting:	2,743,140.65 usft	Longitude:	-107.76530800
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	49,029.99657097

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	313.030	

Survey Program	Date	8/3/2024			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
439.00	5,620.00	MWD int (Original Hole)	MWD	OWSG MWD - Standard	
5,731.00	13,774.00	MWD (Original Hole)	MWD	OWSG MWD - Standard	
13,835.00	13,835.00	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	1,922,205.14	2,743,140.65	36.28268900	-107.76530800	
439.00	1.50	115.480	438.95	-2.47	5.19	1,922,202.66	2,743,145.84	36.28268220	-107.76529041	
MWD surveys										
484.00	0.99	118.610	483.94	-2.91	6.06	1,922,202.22	2,743,146.71	36.28268099	-107.76528745	
574.00	0.65	311.730	573.94	-2.94	6.36	1,922,202.19	2,743,147.01	36.28268090	-107.76528643	
664.00	0.75	309.990	663.93	-2.23	5.53	1,922,202.91	2,743,146.18	36.28268288	-107.76528925	
753.00	0.72	310.120	752.92	-1.49	4.66	1,922,203.64	2,743,145.30	36.28268490	-107.76529221	
842.00	0.68	308.820	841.91	-0.80	3.82	1,922,204.34	2,743,144.47	36.28268680	-107.76529506	
932.00	1.28	274.090	931.90	-0.39	2.40	1,922,204.74	2,743,143.05	36.28268792	-107.76529987	
1,022.00	1.32	256.210	1,021.88	-0.57	0.39	1,922,204.57	2,743,141.04	36.28268744	-107.76530669	



Survey Report - Geographic



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Nageezi Unit 213H
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 213H	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	1.30	260.070	1,112.86	-1.00	-1.65	1,922,204.14	2,743,139.00	36.28268627	-107.76531359	
1,209.00	2.42	87.460	1,208.83	-1.09	-0.69	1,922,204.04	2,743,139.96	36.28268600	-107.76531036	
1,302.00	6.30	81.560	1,301.55	-0.26	6.32	1,922,204.88	2,743,146.97	36.28268828	-107.76528657	
1,396.00	9.68	81.790	1,394.62	1.63	19.24	1,922,206.76	2,743,159.89	36.28269344	-107.76524270	
1,488.00	13.01	83.860	1,484.81	3.84	37.20	1,922,208.98	2,743,177.85	36.28269948	-107.76518177	
1,582.00	15.08	86.910	1,576.00	5.63	59.93	1,922,210.77	2,743,200.58	36.28270436	-107.76510464	
1,673.00	15.68	87.880	1,663.74	6.72	84.04	1,922,211.86	2,743,224.69	36.28270731	-107.76502283	
1,764.00	14.37	85.590	1,751.63	8.05	107.59	1,922,213.18	2,743,248.24	36.28271090	-107.76494293	
1,856.00	12.64	92.260	1,841.08	8.53	129.04	1,922,213.66	2,743,269.69	36.28271218	-107.76487017	
1,949.00	10.58	92.470	1,932.18	7.76	147.74	1,922,212.89	2,743,288.38	36.28271003	-107.76480673	
2,039.00	11.90	89.890	2,020.45	7.42	165.27	1,922,212.56	2,743,305.92	36.28270907	-107.76474723	
2,128.00	13.86	89.890	2,107.21	7.46	185.11	1,922,212.59	2,743,325.76	36.28270913	-107.76467992	
2,217.00	12.59	89.470	2,193.84	7.57	205.47	1,922,212.70	2,743,346.12	36.28270940	-107.76461084	
2,307.00	14.38	89.880	2,281.36	7.68	226.45	1,922,212.82	2,743,367.10	36.28270967	-107.76453964	
2,397.00	13.37	88.180	2,368.73	8.04	248.03	1,922,213.17	2,743,388.68	36.28271060	-107.76446643	
2,486.00	14.66	88.420	2,455.08	8.68	269.57	1,922,213.81	2,743,410.22	36.28271231	-107.76439333	
2,576.00	14.44	87.520	2,542.19	9.47	292.17	1,922,214.61	2,743,432.82	36.28271446	-107.76431666	
2,665.00	14.12	89.060	2,628.44	10.13	314.11	1,922,215.27	2,743,454.76	36.28271623	-107.76424222	
2,755.00	12.64	89.730	2,716.00	10.36	334.94	1,922,215.49	2,743,475.58	36.28271681	-107.76417156	
2,844.00	15.30	90.910	2,802.36	10.22	356.42	1,922,215.35	2,743,497.07	36.28271638	-107.76409867	
2,933.00	14.36	90.120	2,888.39	10.01	379.20	1,922,215.14	2,743,519.84	36.28271576	-107.76402139	
3,023.00	12.79	89.200	2,975.88	10.13	400.32	1,922,215.26	2,743,540.97	36.28271603	-107.76394972	
3,112.00	13.73	87.250	3,062.50	10.77	420.72	1,922,215.90	2,743,561.37	36.28271776	-107.76388050	
3,202.00	15.70	89.800	3,149.55	11.32	443.57	1,922,216.46	2,743,584.22	36.28271924	-107.76380298	
3,291.00	14.50	85.220	3,235.48	12.29	466.71	1,922,217.43	2,743,607.36	36.28272186	-107.76372444	
3,381.00	13.96	83.690	3,322.72	14.43	488.73	1,922,219.56	2,743,629.38	36.28272768	-107.76364973	
3,470.00	14.23	90.740	3,409.04	15.47	510.34	1,922,220.60	2,743,650.99	36.28273049	-107.76357640	
3,560.00	13.33	91.150	3,496.45	15.11	531.78	1,922,220.25	2,743,672.42	36.28272948	-107.76350368	
3,649.00	14.68	90.920	3,582.80	14.73	553.31	1,922,219.86	2,743,693.96	36.28272838	-107.76343061	
3,739.00	14.29	90.380	3,669.94	14.47	575.82	1,922,219.61	2,743,716.47	36.28272763	-107.76335424	
3,828.00	13.74	89.030	3,756.29	14.58	597.37	1,922,219.71	2,743,738.02	36.28272787	-107.76328111	
3,918.00	15.51	86.970	3,843.37	15.39	620.08	1,922,220.53	2,743,760.73	36.28273007	-107.76320407	
4,007.00	14.96	91.590	3,929.25	15.70	643.44	1,922,220.84	2,743,784.09	36.28273088	-107.76312479	
4,097.00	14.42	91.210	4,016.31	15.15	666.26	1,922,220.28	2,743,806.91	36.28272930	-107.76304738	
4,186.00	14.23	91.540	4,102.54	14.62	688.28	1,922,219.75	2,743,828.92	36.28272780	-107.76297269	
4,276.00	11.70	90.040	4,190.24	14.31	708.46	1,922,219.45	2,743,849.11	36.28272693	-107.76290420	
4,366.00	8.25	93.300	4,278.87	13.94	724.04	1,922,219.07	2,743,864.69	36.28272586	-107.76285135	
4,455.00	6.02	87.850	4,367.17	13.74	735.08	1,922,218.88	2,743,875.73	36.28272531	-107.76281389	
4,545.00	4.18	95.480	4,456.81	13.61	743.06	1,922,218.74	2,743,883.71	36.28272492	-107.76278681	
4,635.00	2.09	98.330	4,546.67	13.06	747.95	1,922,218.19	2,743,888.60	36.28272339	-107.76277022	
4,724.00	0.68	78.820	4,635.65	12.92	750.07	1,922,218.06	2,743,890.72	36.28272303	-107.76276301	
4,769.00	0.63	74.700	4,680.64	13.04	750.57	1,922,218.18	2,743,891.22	36.28272335	-107.76276131	
4,814.00	0.56	38.690	4,725.64	13.28	750.95	1,922,218.41	2,743,891.60	36.28272400	-107.76276004	
4,858.00	4.34	307.900	4,769.60	14.47	749.77	1,922,219.60	2,743,890.42	36.28272727	-107.76276404	
4,903.00	9.16	307.360	4,814.27	17.69	745.58	1,922,222.82	2,743,886.23	36.28273613	-107.76277826	
4,948.00	13.07	310.760	4,858.42	23.19	738.87	1,922,228.32	2,743,879.52	36.28275124	-107.76280099	
4,993.00	16.03	310.690	4,901.97	30.56	730.31	1,922,235.70	2,743,870.95	36.28277152	-107.76283004	
5,038.00	19.44	309.360	4,944.83	39.36	719.80	1,922,244.50	2,743,860.45	36.28279572	-107.76286566	
5,082.00	22.85	308.540	4,985.86	49.33	707.46	1,922,254.47	2,743,848.10	36.28282313	-107.76290752	
5,127.00	26.33	310.440	5,026.77	61.25	693.02	1,922,266.39	2,743,833.67	36.28285591	-107.76295647	
5,172.00	29.48	311.920	5,066.54	75.13	677.18	1,922,280.26	2,743,817.83	36.28289405	-107.76301017	
5,217.00	33.16	312.110	5,104.97	90.78	659.81	1,922,295.92	2,743,800.46	36.28293710	-107.76306909	
5,262.00	36.94	313.690	5,141.80	108.38	640.89	1,922,313.52	2,743,781.54	36.28298548	-107.76313322	
5,306.00	41.20	313.690	5,175.96	127.54	620.84	1,922,332.67	2,743,761.49	36.28303813	-107.76320120	
5,351.00	45.35	313.380	5,208.71	148.78	598.48	1,922,353.91	2,743,739.13	36.28309653	-107.76327701	



Survey Report - Geographic



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Nageezi Unit 213H
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 213H	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
5,396.00	51.56	312.880	5,238.54	171.79	573.91	1,922,376.92	2,743,714.56	36.28315978	-107.76336033
5,441.00	57.64	312.840	5,264.60	196.72	547.04	1,922,401.86	2,743,687.69	36.28322834	-107.76345145
5,486.00	64.40	312.630	5,286.39	223.42	518.14	1,922,428.55	2,743,658.79	36.28330174	-107.76354944
5,524.51	70.02	313.228	5,301.30	247.59	492.16	1,922,452.73	2,743,632.80	36.28336819	-107.76363754
FTP @ 5524.51 MD 5301.30 TVD									
5,530.00	70.82	313.310	5,303.14	251.14	488.39	1,922,456.27	2,743,629.04	36.28337794	-107.76365031
5,575.00	77.29	314.110	5,315.50	281.03	457.13	1,922,486.16	2,743,597.78	36.28346010	-107.76375629
5,620.00	82.47	314.640	5,323.40	312.00	425.48	1,922,517.13	2,743,566.13	36.28354525	-107.76386361
5,691.50	86.38	312.412	5,330.34	360.99	373.89	1,922,566.12	2,743,514.54	36.28367993	-107.76403853
9 5/8" Casing @ 5691.50 MD 5330.34 TVD									
5,731.00	88.55	311.190	5,332.09	387.29	344.48	1,922,592.42	2,743,485.13	36.28375224	-107.76413827
5,775.00	88.55	310.860	5,333.20	416.16	311.29	1,922,621.30	2,743,451.94	36.28383162	-107.76425079
5,819.00	91.34	311.230	5,333.24	445.05	278.11	1,922,650.19	2,743,418.76	36.28391104	-107.76436330
5,862.00	91.41	311.100	5,332.21	473.35	245.75	1,922,678.48	2,743,386.40	36.28398884	-107.76447304
5,950.00	91.29	310.880	5,330.14	531.05	179.35	1,922,736.19	2,743,319.99	36.28414749	-107.76469822
6,038.00	91.62	312.920	5,327.90	589.80	113.87	1,922,794.93	2,743,254.52	36.28430899	-107.76492023
6,125.00	91.99	312.600	5,325.16	648.84	50.03	1,922,853.97	2,743,190.68	36.28447130	-107.76513671
6,213.00	90.45	314.150	5,323.29	709.26	-13.92	1,922,914.39	2,743,126.73	36.28463739	-107.76535354
6,300.00	90.32	313.790	5,322.71	769.66	-76.53	1,922,974.79	2,743,064.12	36.28480344	-107.76556585
6,388.00	90.26	313.290	5,322.26	830.28	-140.32	1,923,035.41	2,743,000.33	36.28497009	-107.76578214
6,475.00	90.53	313.150	5,321.66	889.85	-203.72	1,923,094.99	2,742,936.93	36.28513387	-107.76599711
6,563.00	90.33	313.070	5,321.00	949.99	-267.96	1,923,155.12	2,742,872.69	36.28529919	-107.76621495
6,650.00	90.26	313.070	5,320.55	1,009.40	-331.52	1,923,214.53	2,742,809.13	36.28546252	-107.76643045
6,737.00	90.38	313.030	5,320.07	1,068.79	-395.09	1,923,273.92	2,742,745.56	36.28562578	-107.76664603
6,824.00	90.24	312.920	5,319.60	1,128.09	-458.74	1,923,333.23	2,742,681.91	36.28578881	-107.76686187
6,911.00	90.13	312.450	5,319.31	1,187.08	-522.70	1,923,392.21	2,742,617.95	36.28595096	-107.76707873
6,999.00	89.60	311.570	5,319.52	1,245.97	-588.08	1,923,451.10	2,742,552.57	36.28611287	-107.76730045
7,086.00	89.30	311.340	5,320.36	1,303.56	-653.28	1,923,508.70	2,742,487.37	36.28627121	-107.76752155
7,174.00	89.04	314.310	5,321.63	1,363.37	-717.81	1,923,568.50	2,742,422.84	36.28643562	-107.76774036
7,261.00	88.48	313.900	5,323.51	1,423.91	-780.27	1,923,629.04	2,742,360.38	36.28660203	-107.76795215
7,349.00	87.98	313.240	5,326.23	1,484.53	-844.00	1,923,689.66	2,742,296.66	36.28676868	-107.76816825
7,437.00	90.13	314.140	5,327.68	1,545.30	-907.61	1,923,750.44	2,742,233.04	36.28693575	-107.76838397
7,525.00	89.29	311.940	5,328.13	1,605.36	-971.93	1,923,810.49	2,742,168.73	36.28710084	-107.76860206
7,612.00	89.92	313.410	5,328.73	1,664.33	-1,035.89	1,923,869.46	2,742,104.77	36.28726295	-107.76881895
7,699.00	88.55	311.600	5,329.89	1,723.10	-1,100.01	1,923,928.23	2,742,040.64	36.28742452	-107.76903641
7,787.00	90.92	313.850	5,330.30	1,782.80	-1,164.65	1,923,987.93	2,741,976.00	36.28758863	-107.76925560
7,875.00	90.53	313.360	5,329.18	1,843.49	-1,228.37	1,924,048.62	2,741,912.29	36.28775546	-107.76947166
7,965.00	89.91	312.570	5,328.84	1,904.82	-1,294.22	1,924,109.96	2,741,846.43	36.28792408	-107.76969499
8,052.00	89.84	313.780	5,329.03	1,964.35	-1,357.67	1,924,169.48	2,741,782.98	36.28808772	-107.76991014
8,141.00	89.38	312.520	5,329.63	2,025.22	-1,422.60	1,924,230.35	2,741,718.05	36.28825503	-107.77013032
8,230.00	89.98	314.720	5,330.13	2,086.61	-1,487.02	1,924,291.74	2,741,653.63	36.28842380	-107.77034879
8,317.00	89.52	313.790	5,330.51	2,147.32	-1,549.33	1,924,352.45	2,741,591.32	36.28859069	-107.77056009
8,405.00	89.11	312.920	5,331.56	2,207.73	-1,613.31	1,924,412.86	2,741,527.34	36.28875675	-107.77077706
8,492.00	88.92	312.470	5,333.06	2,266.72	-1,677.25	1,924,471.85	2,741,463.41	36.28891890	-107.77099387
8,578.00	88.76	311.890	5,334.80	2,324.45	-1,740.96	1,924,529.58	2,741,399.69	36.28907761	-107.77120994
8,665.00	88.93	314.180	5,336.55	2,383.81	-1,804.54	1,924,588.94	2,741,336.12	36.28924078	-107.77142554
8,753.00	89.39	313.610	5,337.84	2,444.81	-1,867.94	1,924,649.94	2,741,272.71	36.28940848	-107.77164056
8,841.00	89.23	312.680	5,338.90	2,504.99	-1,932.15	1,924,710.12	2,741,208.51	36.28957389	-107.77185828
8,929.00	89.70	314.550	5,339.73	2,565.68	-1,995.85	1,924,770.81	2,741,144.80	36.28974074	-107.77207432
9,017.00	89.58	313.700	5,340.28	2,626.95	-2,059.02	1,924,832.08	2,741,081.64	36.28990915	-107.77228853
9,105.00	89.83	312.990	5,340.73	2,687.35	-2,123.01	1,924,892.48	2,741,017.64	36.29007519	-107.77250555
9,191.00	89.03	311.840	5,341.59	2,745.35	-2,186.50	1,924,950.48	2,740,954.15	36.29023463	-107.77272086
9,279.00	90.03	314.810	5,342.31	2,805.72	-2,250.51	1,925,010.85	2,740,890.15	36.29040058	-107.77293792
9,368.00	89.15	313.450	5,342.95	2,867.69	-2,314.38	1,925,072.82	2,740,826.27	36.29057092	-107.77315455
9,456.00	89.11	312.940	5,344.28	2,927.92	-2,378.53	1,925,133.05	2,740,762.12	36.29073647	-107.77337209



Survey Report - Geographic



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Nageezi Unit 213H
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 213H	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
9,543.00	89.06	312.520	5,345.67	2,986.94	-2,442.43	1,925,192.07	2,740,698.22	36.29089873	-107.77358879
9,631.00	88.73	311.750	5,347.37	3,045.97	-2,507.68	1,925,251.10	2,740,632.98	36.29106099	-107.77381006
9,718.00	89.78	314.630	5,348.50	3,105.50	-2,571.09	1,925,310.63	2,740,569.56	36.29122463	-107.77402514
9,804.00	89.60	313.850	5,348.97	3,165.50	-2,632.70	1,925,370.63	2,740,507.95	36.29138955	-107.77423408
9,892.00	89.53	313.280	5,349.63	3,226.15	-2,696.47	1,925,431.27	2,740,444.19	36.29155626	-107.77445032
9,986.00	89.33	312.950	5,350.57	3,290.39	-2,765.08	1,925,495.52	2,740,375.57	36.29173285	-107.77468302
10,078.00	89.06	312.330	5,351.86	3,352.70	-2,832.75	1,925,557.83	2,740,307.90	36.29190414	-107.77491252
10,170.00	89.15	311.800	5,353.30	3,414.33	-2,901.04	1,925,619.46	2,740,239.61	36.29207355	-107.77514412
10,262.00	89.26	314.690	5,354.57	3,477.35	-2,968.04	1,925,682.48	2,740,172.61	36.29224678	-107.77537135
10,355.00	89.13	314.200	5,355.88	3,542.46	-3,034.43	1,925,747.59	2,740,106.22	36.29242576	-107.77559650
10,447.00	88.75	313.660	5,357.58	3,606.28	-3,100.68	1,925,811.41	2,740,039.98	36.29260117	-107.77582117
10,540.00	91.12	314.670	5,357.69	3,671.07	-3,167.38	1,925,876.20	2,739,973.27	36.29277926	-107.77604740
10,632.00	90.89	313.770	5,356.08	3,735.22	-3,233.31	1,925,940.35	2,739,907.35	36.29295560	-107.77627097
10,725.00	90.29	313.210	5,355.12	3,799.22	-3,300.77	1,926,004.35	2,739,839.88	36.29313152	-107.77649978
10,817.00	88.82	311.070	5,355.83	3,860.94	-3,368.98	1,926,066.07	2,739,771.67	36.29330118	-107.77673113
10,909.00	91.40	314.290	5,355.66	3,923.30	-3,436.60	1,926,128.42	2,739,704.05	36.29347258	-107.77696046
11,001.00	91.75	314.060	5,353.13	3,987.38	-3,502.56	1,926,192.51	2,739,638.09	36.29364873	-107.77718416
11,094.00	91.56	313.630	5,350.44	4,051.78	-3,569.61	1,926,256.90	2,739,571.05	36.29382573	-107.77741155
11,186.00	91.28	313.010	5,348.16	4,114.88	-3,636.52	1,926,320.00	2,739,504.14	36.29399918	-107.77763849
11,278.00	89.96	313.940	5,347.17	4,178.17	-3,703.28	1,926,383.30	2,739,437.38	36.29417315	-107.77786490
11,370.00	89.70	313.020	5,347.44	4,241.47	-3,770.03	1,926,446.60	2,739,370.63	36.29434716	-107.77809130
11,463.00	89.15	311.940	5,348.37	4,304.28	-3,838.61	1,926,509.40	2,739,302.04	36.29451978	-107.77832392
11,555.00	88.86	311.330	5,349.97	4,365.39	-3,907.36	1,926,570.52	2,739,233.29	36.29468777	-107.77855710
11,648.00	88.93	310.610	5,351.76	4,426.35	-3,977.57	1,926,631.48	2,739,163.09	36.29485536	-107.77879523
11,739.00	88.96	313.380	5,353.44	4,487.22	-4,045.18	1,926,692.35	2,739,095.47	36.29502267	-107.77902456
11,832.00	88.71	312.610	5,355.33	4,550.63	-4,113.19	1,926,755.76	2,739,027.47	36.29519696	-107.77925522
11,924.00	88.24	312.110	5,357.78	4,612.60	-4,181.15	1,926,817.72	2,738,959.51	36.29536728	-107.77948571
12,017.00	89.47	314.230	5,359.64	4,676.21	-4,248.96	1,926,881.33	2,738,891.70	36.29554213	-107.77971570
12,110.00	90.16	314.200	5,359.94	4,741.06	-4,315.61	1,926,946.18	2,738,825.05	36.29572038	-107.77994177
12,202.00	89.71	314.100	5,360.04	4,805.14	-4,381.62	1,927,010.27	2,738,759.04	36.29589652	-107.78016566
12,295.00	89.14	313.770	5,360.97	4,869.66	-4,448.59	1,927,074.79	2,738,692.07	36.29607387	-107.78039280
12,387.00	89.00	313.230	5,362.47	4,932.98	-4,515.32	1,927,138.11	2,738,625.34	36.29624791	-107.78061912
12,480.00	89.35	313.340	5,363.81	4,996.74	-4,583.01	1,927,201.87	2,738,557.65	36.29642316	-107.78084872
12,572.00	90.15	313.470	5,364.21	5,059.96	-4,649.85	1,927,265.08	2,738,490.81	36.29659692	-107.78107542
12,664.00	90.77	313.290	5,363.47	5,123.14	-4,716.71	1,927,328.27	2,738,423.95	36.29677059	-107.78130221
12,757.00	90.67	312.620	5,362.30	5,186.51	-4,784.77	1,927,391.64	2,738,355.89	36.29694476	-107.78153306
12,849.00	89.80	312.030	5,361.92	5,248.46	-4,852.79	1,927,453.58	2,738,287.87	36.29711503	-107.78176377
12,942.00	89.19	311.650	5,362.74	5,310.49	-4,922.07	1,927,515.61	2,738,218.59	36.29728554	-107.78199878
13,034.00	89.45	312.960	5,363.84	5,372.41	-4,990.11	1,927,577.53	2,738,150.55	36.29745573	-107.78222954
13,126.00	89.02	312.040	5,365.06	5,434.55	-5,057.93	1,927,639.68	2,738,082.73	36.29762655	-107.78245960
13,218.00	89.21	311.830	5,366.48	5,496.03	-5,126.36	1,927,701.15	2,738,014.30	36.29779552	-107.78269171
13,311.00	90.07	312.230	5,367.07	5,558.29	-5,195.44	1,927,763.42	2,737,945.22	36.29796666	-107.78292603
13,403.00	90.13	311.720	5,366.91	5,619.82	-5,263.83	1,927,824.95	2,737,876.83	36.29813579	-107.78315803
13,496.00	89.24	313.520	5,367.42	5,682.79	-5,332.26	1,927,887.92	2,737,808.40	36.29830886	-107.78339014
13,589.00	88.38	313.050	5,369.35	5,746.54	-5,399.95	1,927,951.66	2,737,740.71	36.29848408	-107.78361973
13,681.00	88.57	312.400	5,371.80	5,808.94	-5,467.51	1,928,014.06	2,737,673.15	36.29865559	-107.78384889
13,774.00	89.64	312.430	5,373.25	5,871.66	-5,536.16	1,928,076.78	2,737,604.50	36.29882798	-107.78408176
Survey @ 13774.00 MD 5373.25 TVD									
13,790.80	89.64	312.430	5,373.36	5,882.99	-5,548.56	1,928,088.12	2,737,592.10	36.29885913	-107.78412382
LTP @ 13790.80 MD 5373.36 TVD									
13,814.00	89.64	312.430	5,373.50	5,898.64	-5,565.68	1,928,103.77	2,737,574.98	36.29890215	-107.78418191
330 ppd @ 13814.00 MD 5373.50 TVD									
13,835.00	89.64	312.430	5,373.64	5,912.81	-5,581.18	1,928,117.94	2,737,559.48	36.29894109	-107.78423448
Survey proj. to 13835.00 MD 5373.64 TVD 2402 FSL 436 FWL									



Survey Report - Geographic



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Nageezi Unit 213H
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 213H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	MWD surveys	Database:	DT_Jul1724_v17

Design Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
439.00	438.95	-2.47	5.19	MWD surveys
5,524.51	5,301.30	247.59	492.16	FTP @ 5524.51 MD 5301.30 TVD
5,691.50	5,330.34	360.99	373.89	9 5/8" Casing @ 5691.50 MD 5330.34 TVD
13,774.00	5,373.25	5,871.66	-5,536.16	Survey @ 13774.00 MD 5373.25 TVD
13,790.80	5,373.36	5,882.99	-5,548.56	LTP @ 13790.80 MD 5373.36 TVD
13,814.00	5,373.50	5,898.64	-5,565.68	330 ppd @ 13814.00 MD 5373.50 TVD
13,835.00	5,373.64	5,912.81	-5,581.18	Survey proj. to 13835.00 MD 5373.64 TVD 2402 FSL 436 FWL

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

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

ACKNOWLEDGMENTS

Action 388408

ACKNOWLEDGMENTS

Operator: DJR OPERATING, LLC 200 Energy Court Farmington, NM 87401	OGRID: 371838
	Action Number: 388408
	Action Type: [C-104] Completion Packet - Test Allowable (C-104RT)

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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CONDITIONS

Action 388408

CONDITIONS

Operator: DJR OPERATING, LLC 200 Energy Court Farmington, NM 87401	OGRID: 371838
	Action Number: 388408
	Action Type: [C-104] Completion Packet - Test Allowable (C-104RT)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	RT EXPIRES 1/1/2025.	10/1/2024