

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 214H	Property Code: 325268
Mineral Owner: ☐ State ☐ Fee ☒ Tribal ☒ Federal	API Number: 30-045-38294
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		1779' SOUTH	784' WEST	36.282791	-107.765257	SAN JUAN

Section 3 – Completion Information

Producing Method FLOWING	Ready Date 10/5/2024	Perforations MD 5745' – 14075'	Perforations TVD 5269' – 5354'
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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.
Surface Casing Action ID: 349706	Unit: ☒ Yes ☐ No, Order No. R-13856 / R-13856A
Intermediate 1 Casing Action ID: 357759	Compulsory Pooling: ☐ Yes ☒ No, Order No.
Intermediate 2 Casing Action ID:	Down Hole Commingling: ☐ Yes ☒ No, Order No.
Production Casing Action ID: 376074	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: 376074	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 30-045-38294	Pool Code 98080	Pool Name NAGEEZI UNIT MANCOS OIL POOL
Property Code 325268	Property Name NAGEEZI UNIT	Well Number 214H
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		1779' SOUTH	784' WEST	36.282791° N	107.765257° 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
J	21	24N	9W		2379' SOUTH	1951' EAST	36.298876° N	107.792335° W	SAN JUAN

Dedicated Acres PENETRATED SPACING UNIT; SEC 27: NE/SE, NW/SE, SE/NE, SW/NE, NW/NE, SE/NW, NE/NW & NW/NW (320 AC.); SEC 22: SW/SW (40 AC.); SEC 21: SE/SE, NE/SE & NW/SE (120 AC.) = 480 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		1888' SOUTH	620' EAST	36.283050° N	107.770044° 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		2118' SOUTH	892' EAST	36.283682° N	107.770966° W	SAN JUAN

Last Take Point (LTP)

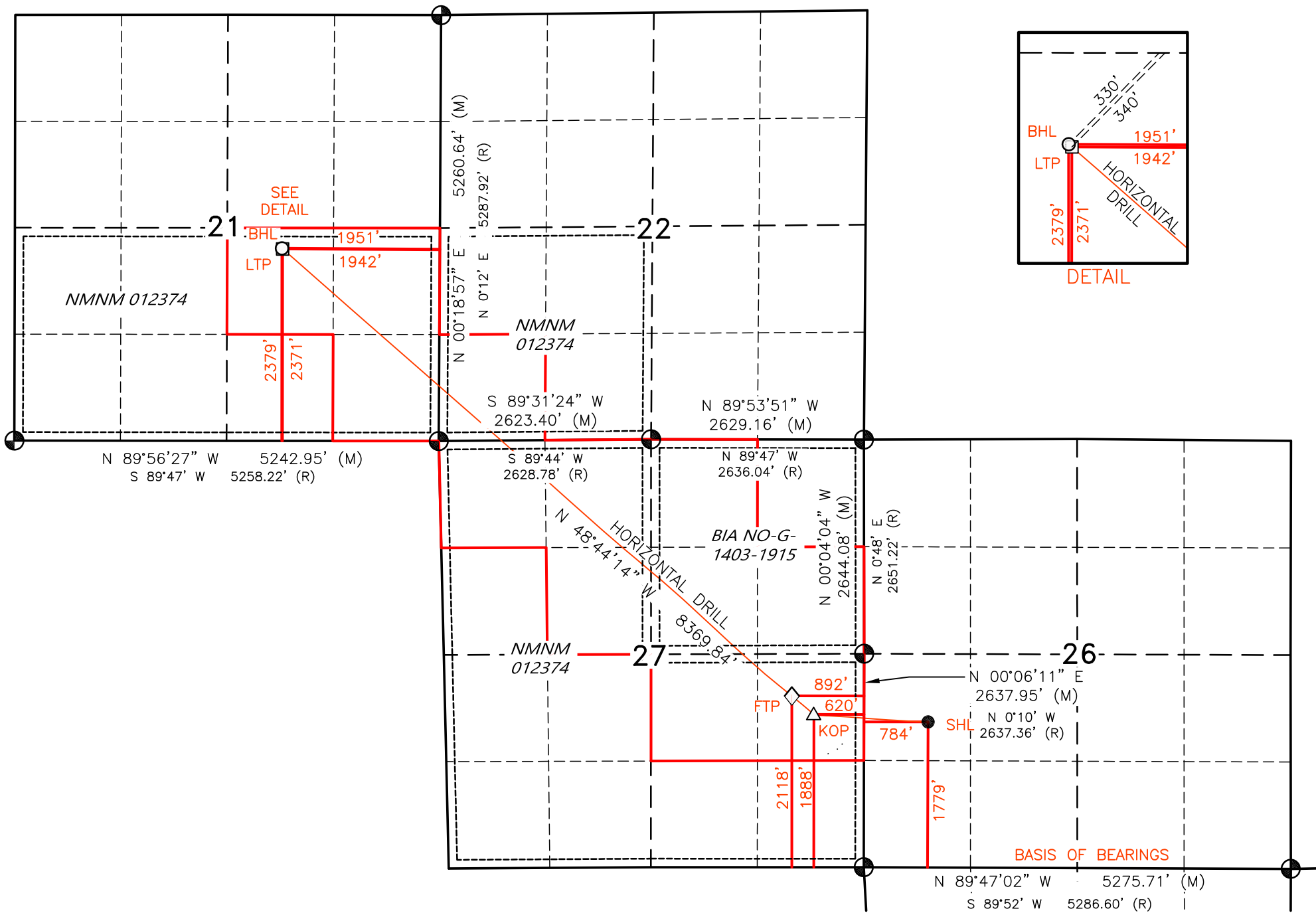
UL	Section	Township	Range	Lot	Ft from the N/S	Ft from the E/W	Latitude	Longitude	County
J	21	24N	9W		2371' SOUTH	1942' EAST	36.298855° N	107.792305° W	SAN JUAN

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	<p>SURVEYOR CERTIFICATIONS</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <div></div> <div><div colspan="2">Signature and Seal of Professional Surveyor:</div><div><div>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 2 1/2" BC
GLO 1933



SURFACE LOCATION (SHL) ●
1779' FSL 784' FWL
SEC. 26, T24N, R9W
LAT. 36.282791° N (NAD83)
LONG. 107.765257° W (NAD83)

KICK OFF POINT (KOP) △
1888' FSL 620' FEL
SEC. 27, T24N, R9W
LAT. 36.283050° N (NAD83)
LONG. 107.770044° W (NAD83)

FIRST TAKE POINT (FTP) ◇
2118' FSL 892' FEL
SEC. 27, T24N, R9W
LAT. 36.283682° N (NAD83)
LONG. 107.770966° W (NAD83)

LAST TAKE POINT (LTP) □
2371' FSL 1942' FEL
SEC. 21, T24N, R9W
LAT. 36.298855° N (NAD83)
LONG. 107.792305° W (NAD83)

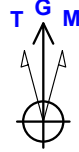
BOTTOM HOLE LOCATION (BHL) ○
2379' FSL 1951' FEL
SEC. 21, T24N, R9W
LAT. 36.298876° N (NAD83)
LONG. 107.792335° W (NAD83)



Well: Nageezi Unit 214H
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 1922242.27 Easting 2743155.65 Latitude 36.28279100 Longitude -107.76525700



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

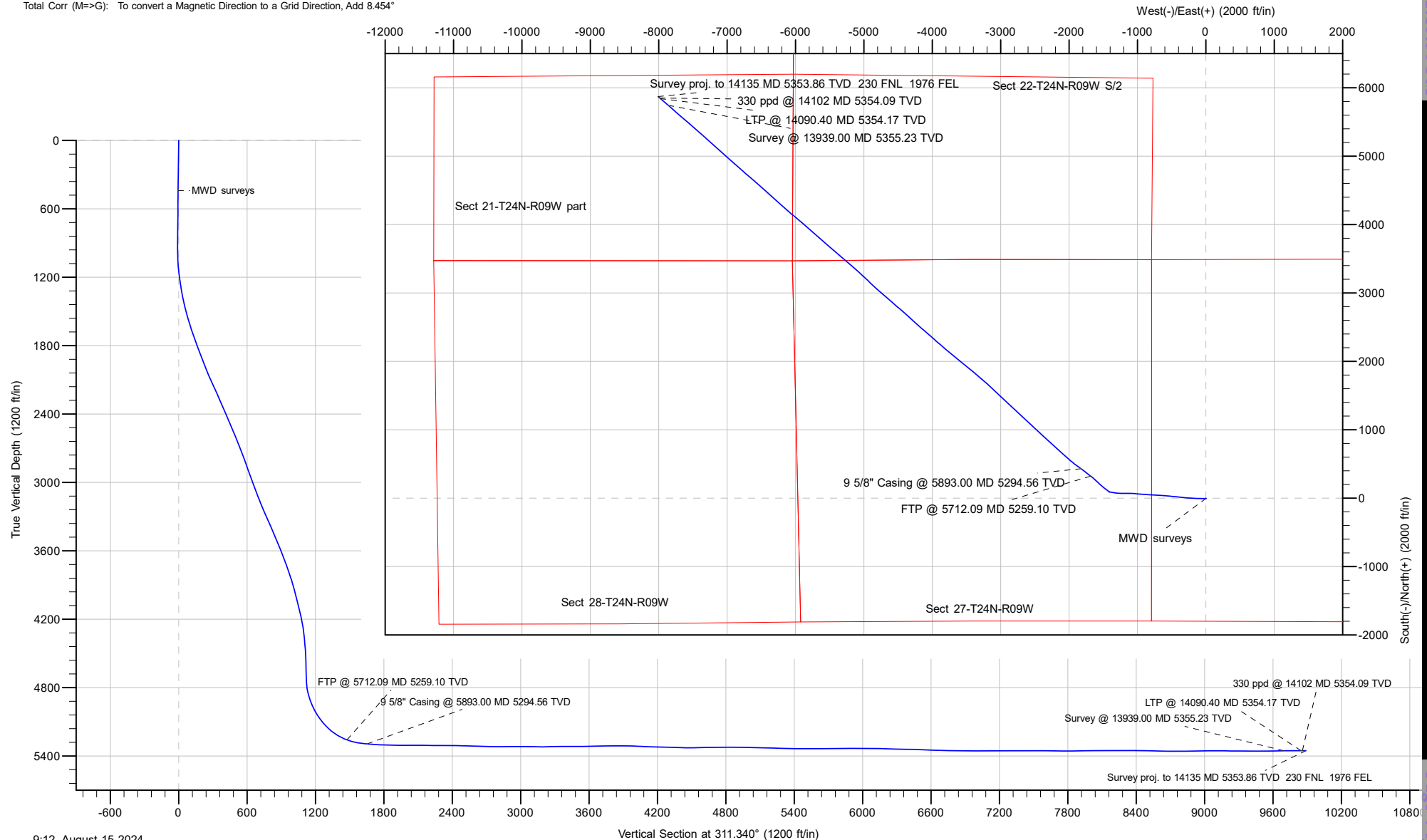
Magnetic Field
Strength: 49030.1nT
Dip Angle: 62.72°
Date: 6/16/2024
Model: IGRF2020

ANNOTATIONS SURVEYS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Vsect	Annotation
440.00	1.31	140.490	439.96	-3.88	3.20	-4.97	MWD surveys
5712.09	69.99	307.891	5259.10	323.15	-1682.87	1476.95	FTP @ 5712.09 MD 5259.10 TVD
5893.00	84.97	306.562	5294.56	431.23	-1822.77	1653.38	9 5/8" Casing @ 5893.00 MD 5294.56 TVD
13939.00	90.40	310.520	5355.23	5744.61	-7859.34	9695.42	Survey @ 13939.00 MD 5355.23 TVD
14090.40	90.40	310.520	5354.17	5843.18	-7974.43	9946.80	LTP @ 14090.40 MD 5354.17 TVD
14102.00	90.40	310.520	5354.09	5850.71	-7983.25	9858.40	330 ppd @ 14102 MD 5354.09 TVD
14135.00	90.40	310.520	5353.86	5872.15	-8008.33	9891.39	Survey proj. to 14135 MD 5353.86 TVD 230 FNL 1976 FEL



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 214H
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 214H	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 214H, Surf loc: 1779 FSL 784 FWL Section 26-T24N-R09W				
Well Position	+N/-S	0.00 ft	Northing:	1,922,242.28 usft	Latitude:	36.28279100
	+E/-W	0.00 ft	Easting:	2,743,155.65 usft	Longitude:	-107.76525700
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	49,030.06065597

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	311.340	

Survey Program	Date	8/15/2024			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
440.00	5,843.00	MWD int (Original Hole)	MWD	OWSG MWD - Standard	
5,946.00	13,939.00	MWD (Original Hole)	MWD	OWSG MWD - Standard	
14,135.00	14,135.00	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
440.00	1.31	140.490	439.96	-3.88	3.20	-4.97	0.30	0.30	0.00
MWD surveys									
485.00	1.24	142.780	484.95	-4.67	3.82	-5.95	0.19	-0.16	5.09
574.00	0.12	100.890	573.94	-5.45	4.50	-6.98	1.30	-1.26	-47.07
664.00	0.15	94.700	663.94	-5.48	4.71	-7.15	0.04	0.03	-6.88
753.00	0.29	123.640	752.94	-5.61	5.01	-7.47	0.20	0.16	32.52
842.00	0.39	126.400	841.94	-5.92	5.44	-7.99	0.11	0.11	3.10



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Nageezi Unit 214H
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 214H	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	0.18	138.570	931.94	-6.20	5.78	-8.44	0.24	-0.23	13.52
1,022.00	2.36	262.390	1,021.91	-6.56	4.04	-7.36	2.74	2.42	137.58
1,113.00	5.95	270.810	1,112.66	-6.74	-2.54	-2.54	3.99	3.95	9.25
1,209.00	9.85	276.540	1,207.73	-5.73	-15.68	7.98	4.14	4.06	5.97
1,302.00	12.15	271.990	1,299.02	-4.48	-33.36	22.09	2.64	2.47	-4.89
1,397.00	15.01	269.260	1,391.36	-4.30	-55.66	38.95	3.08	3.01	-2.87
1,489.00	18.75	270.240	1,479.38	-4.39	-82.37	58.94	4.08	4.07	1.07
1,582.00	20.98	270.130	1,566.84	-4.29	-113.97	82.74	2.40	2.40	-0.12
1,673.00	23.24	275.100	1,651.15	-2.65	-148.15	109.48	3.22	2.48	5.46
1,765.00	24.64	274.360	1,735.23	0.42	-185.35	139.44	1.56	1.52	-0.80
1,856.00	24.61	272.430	1,817.96	2.66	-223.20	169.34	0.88	-0.03	-2.12
1,949.00	25.81	272.250	1,902.10	4.28	-262.78	200.12	1.29	1.29	-0.19
2,039.00	25.96	273.780	1,983.07	6.35	-302.01	230.94	0.76	0.17	1.70
2,128.00	28.12	275.970	2,062.34	9.81	-342.31	263.49	2.67	2.43	2.46
2,218.00	29.25	278.420	2,141.29	15.24	-385.16	299.25	1.81	1.26	2.72
2,307.00	28.51	276.810	2,219.22	20.94	-427.76	335.00	1.21	-0.83	-1.81
2,397.00	28.39	275.580	2,298.36	25.57	-470.39	370.06	0.66	-0.13	-1.37
2,486.00	27.65	275.410	2,376.92	29.57	-512.00	403.95	0.84	-0.83	-0.19
2,576.00	28.35	274.870	2,456.39	33.36	-554.09	438.04	0.83	0.78	-0.60
2,665.00	27.40	274.330	2,535.06	36.70	-595.56	471.39	1.10	-1.07	-0.61
2,755.00	27.74	274.180	2,614.84	39.79	-637.10	504.62	0.39	0.38	-0.17
2,844.00	26.02	273.660	2,694.22	42.54	-677.24	536.58	1.95	-1.93	-0.58
2,934.00	25.99	273.280	2,775.11	44.93	-716.63	567.73	0.19	-0.03	-0.42
3,023.00	24.33	272.390	2,855.66	46.81	-754.42	597.34	1.91	-1.87	-1.00
3,113.00	24.29	273.540	2,937.68	48.73	-791.42	626.39	0.53	-0.04	1.28
3,202.00	25.64	274.100	3,018.37	51.23	-828.90	656.18	1.54	1.52	0.63
3,292.00	24.93	273.070	3,099.74	53.64	-867.26	686.58	0.93	-0.79	-1.14
3,381.00	27.37	275.190	3,179.63	56.50	-906.37	717.83	2.94	2.74	2.38
3,470.00	26.91	274.410	3,258.83	59.90	-946.83	750.45	0.65	-0.52	-0.88
3,560.00	30.26	275.410	3,337.85	63.60	-989.72	785.10	3.76	3.72	1.11
3,650.00	29.06	274.260	3,416.06	67.36	-1,034.10	820.90	1.48	-1.33	-1.28
3,739.00	28.02	272.170	3,494.24	69.76	-1,076.55	854.35	1.62	-1.17	-2.35
3,828.00	26.92	271.580	3,573.21	71.11	-1,117.58	886.05	1.27	-1.24	-0.66
3,918.00	27.49	270.350	3,653.25	71.80	-1,158.72	917.39	0.89	0.63	-1.37
4,008.00	26.26	268.950	3,733.53	71.56	-1,199.40	947.78	1.54	-1.37	-1.56
4,097.00	23.35	271.720	3,814.31	71.73	-1,236.72	975.91	3.52	-3.27	3.11
4,186.00	19.85	272.280	3,897.05	72.86	-1,269.46	1,001.24	3.94	-3.93	0.63
4,276.00	18.29	273.890	3,982.11	74.43	-1,298.82	1,024.32	1.83	-1.73	1.79
4,366.00	17.02	279.120	4,067.87	77.47	-1,325.92	1,046.67	2.26	-1.41	5.81
4,455.00	15.30	282.460	4,153.36	82.07	-1,350.24	1,067.98	2.20	-1.93	3.75
4,545.00	11.27	279.980	4,240.93	86.16	-1,370.51	1,085.89	4.52	-4.48	-2.76
4,635.00	8.05	275.610	4,329.64	88.30	-1,385.45	1,098.52	3.67	-3.58	-4.86
4,725.00	6.29	272.380	4,418.94	89.12	-1,396.64	1,107.47	2.01	-1.96	-3.59



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Nageezi Unit 214H
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 214H	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	3.91	270.350	4,507.58	89.34	-1,404.55	1,113.55	2.68	-2.67	-2.28
4,904.00	2.16	297.290	4,597.45	90.14	-1,409.13	1,117.52	2.46	-1.94	29.93
4,993.00	0.79	354.550	4,686.42	91.52	-1,410.68	1,119.59	2.09	-1.54	64.34
5,038.00	1.09	331.300	4,731.42	92.20	-1,410.91	1,120.22	1.07	0.67	-51.67
5,083.00	5.73	311.700	4,776.33	94.07	-1,412.79	1,122.87	10.48	10.31	-43.56
5,128.00	10.76	310.860	4,820.85	98.32	-1,417.65	1,129.32	11.18	11.18	-1.87
5,172.00	15.14	306.590	4,863.72	104.43	-1,425.38	1,139.16	10.18	9.95	-9.70
5,217.00	19.34	306.530	4,906.69	112.37	-1,436.09	1,152.44	9.33	9.33	-0.13
5,262.00	23.06	307.290	4,948.64	122.15	-1,449.09	1,168.67	8.29	8.27	1.69
5,306.00	26.91	308.210	4,988.51	133.54	-1,463.78	1,187.21	8.79	8.75	2.09
5,352.00	31.22	308.780	5,028.71	147.45	-1,481.26	1,209.53	9.39	9.37	1.24
5,396.00	35.40	308.030	5,065.47	162.45	-1,500.19	1,233.65	9.55	9.50	-1.70
5,441.00	39.30	308.940	5,101.24	179.44	-1,521.55	1,260.91	8.75	8.67	2.02
5,486.00	43.79	312.050	5,134.91	198.84	-1,544.21	1,290.74	10.98	9.98	6.91
5,531.00	47.79	314.380	5,166.29	220.94	-1,567.70	1,322.97	9.63	8.89	5.18
5,575.00	53.08	314.500	5,194.30	244.68	-1,591.91	1,356.82	12.02	12.02	0.27
5,620.00	58.56	312.390	5,219.57	270.25	-1,618.94	1,394.01	12.78	12.18	-4.69
5,665.00	64.66	309.250	5,240.97	296.09	-1,648.90	1,433.57	14.88	13.56	-6.98
5,709.00	69.67	307.950	5,258.04	321.37	-1,680.58	1,474.06	11.71	11.39	-2.95
5,712.09	69.99	307.891	5,259.10	323.15	-1,682.87	1,476.95	10.48	10.33	-1.91
FTP @ 5712.09 MD 5259.10 TVD									
5,754.00	74.32	307.110	5,271.94	347.43	-1,714.51	1,516.75	10.48	10.33	-1.86
5,798.00	78.43	307.920	5,282.30	373.47	-1,748.42	1,559.41	9.51	9.34	1.84
5,843.00	83.30	308.490	5,289.45	400.94	-1,783.32	1,603.76	10.89	10.82	1.27
5,893.00	84.97	306.562	5,294.56	431.23	-1,822.77	1,653.38	5.09	3.34	-3.86
9 5/8" Casing @ 5893.00 MD 5294.56 TVD									
5,946.00	86.75	304.530	5,298.38	461.96	-1,865.78	1,705.97	5.09	3.36	-3.83
6,034.00	86.69	308.850	5,303.42	514.44	-1,936.21	1,793.51	4.90	-0.07	4.91
6,122.00	89.58	310.610	5,306.28	570.65	-2,003.84	1,881.42	3.84	3.28	2.00
6,210.00	89.66	311.810	5,306.87	628.62	-2,070.04	1,969.41	1.37	0.09	1.36
6,297.00	89.69	312.840	5,307.36	687.20	-2,134.36	2,056.40	1.18	0.03	1.18
6,384.00	90.05	313.020	5,307.56	746.46	-2,198.06	2,143.37	0.46	0.41	0.21
6,472.00	89.86	312.470	5,307.63	806.19	-2,262.69	2,231.34	0.66	-0.22	-0.63
6,559.00	89.39	312.520	5,308.20	864.96	-2,326.83	2,318.32	0.54	-0.54	0.06
6,646.00	89.09	312.120	5,309.35	923.52	-2,391.15	2,405.30	0.57	-0.34	-0.46
6,734.00	89.13	312.750	5,310.72	982.90	-2,456.09	2,493.27	0.72	0.05	0.72
6,822.00	87.81	311.490	5,313.07	1,041.89	-2,521.34	2,581.23	2.07	-1.50	-1.43
6,910.00	88.29	313.380	5,316.06	1,101.23	-2,586.25	2,669.16	2.21	0.55	2.15
6,998.00	88.14	313.970	5,318.80	1,161.97	-2,649.86	2,757.04	0.69	-0.17	0.67
7,085.00	91.23	313.280	5,319.28	1,221.99	-2,712.83	2,843.96	3.64	3.55	-0.79
7,173.00	90.46	313.010	5,317.98	1,282.16	-2,777.03	2,931.90	0.93	-0.88	-0.31
7,260.00	89.56	312.590	5,317.97	1,341.27	-2,840.87	3,018.88	1.14	-1.03	-0.48
7,348.00	88.67	312.600	5,319.33	1,400.82	-2,905.64	3,106.84	1.01	-1.01	0.01
7,436.00	90.92	312.490	5,319.64	1,460.32	-2,970.47	3,194.82	2.56	2.56	-0.13



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Nageezi Unit 214H
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 214H	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)
7,524.00	91.21	313.710	5,318.01	1,520.44	-3,034.71	3,282.76	1.42	0.33	1.39
7,612.00	90.18	312.500	5,316.94	1,580.57	-3,098.95	3,370.71	1.81	-1.17	-1.38
7,699.00	90.13	312.510	5,316.70	1,639.35	-3,163.09	3,457.69	0.06	-0.06	0.01
7,787.00	90.65	311.400	5,316.10	1,698.18	-3,228.53	3,545.68	1.39	0.59	-1.26
7,875.00	91.17	310.970	5,314.71	1,756.12	-3,294.75	3,633.67	0.77	0.59	-0.49
7,963.00	91.63	310.070	5,312.56	1,813.27	-3,361.62	3,721.63	1.15	0.52	-1.02
8,050.00	89.94	311.180	5,311.36	1,869.91	-3,427.65	3,808.61	2.32	-1.94	1.28
8,138.00	89.21	309.100	5,312.02	1,926.64	-3,494.91	3,896.59	2.50	-0.83	-2.36
8,226.00	89.04	307.400	5,313.36	1,981.11	-3,564.01	3,984.44	1.94	-0.19	-1.93
8,313.00	87.39	309.760	5,316.07	2,035.33	-3,631.98	4,071.29	3.31	-1.90	2.71
8,401.00	87.82	308.670	5,319.75	2,090.92	-3,700.10	4,159.15	1.33	0.49	-1.24
8,488.00	88.57	310.880	5,322.49	2,146.55	-3,766.93	4,246.07	2.68	0.86	2.54
8,576.00	88.25	310.390	5,324.93	2,203.83	-3,833.68	4,334.03	0.66	-0.36	-0.56
8,663.00	88.25	310.550	5,327.59	2,260.27	-3,899.84	4,420.98	0.18	0.00	0.18
8,751.00	91.03	311.990	5,328.14	2,318.31	-3,965.97	4,508.97	3.56	3.16	1.64
8,838.00	91.67	311.720	5,326.09	2,376.34	-4,030.75	4,595.94	0.80	0.74	-0.31
8,926.00	90.30	310.560	5,324.58	2,434.23	-4,097.01	4,683.92	2.04	-1.56	-1.32
9,012.00	90.55	310.240	5,323.94	2,489.97	-4,162.50	4,769.91	0.47	0.29	-0.37
9,100.00	89.58	312.190	5,323.84	2,547.94	-4,228.70	4,857.90	2.47	-1.10	2.22
9,188.00	89.06	312.830	5,324.88	2,607.40	-4,293.56	4,945.88	0.94	-0.59	0.73
9,275.00	88.59	311.890	5,326.67	2,666.01	-4,357.83	5,032.84	1.21	-0.54	-1.08
9,362.00	88.48	310.910	5,328.89	2,723.52	-4,423.07	5,119.81	1.13	-0.13	-1.13
9,450.00	88.36	310.280	5,331.32	2,780.76	-4,489.87	5,207.77	0.73	-0.14	-0.72
9,538.00	89.31	311.990	5,333.11	2,838.64	-4,556.13	5,295.75	2.22	1.08	1.94
9,626.00	89.22	310.970	5,334.24	2,896.92	-4,622.05	5,383.74	1.16	-0.10	-1.16
9,713.00	89.43	310.700	5,335.26	2,953.80	-4,687.87	5,470.73	0.39	0.24	-0.31
9,800.00	88.95	309.650	5,336.49	3,009.92	-4,754.34	5,557.70	1.33	-0.55	-1.21
9,888.00	90.49	313.310	5,336.92	3,068.20	-4,820.25	5,645.68	4.51	1.75	4.16
9,976.00	90.76	313.350	5,335.96	3,128.58	-4,884.26	5,733.63	0.31	0.31	0.05
10,066.00	90.97	312.970	5,334.60	3,190.14	-4,949.90	5,823.57	0.48	0.23	-0.42
10,153.00	90.09	313.230	5,333.80	3,249.58	-5,013.42	5,910.52	1.05	-1.01	0.30
10,242.00	89.86	312.720	5,333.84	3,310.25	-5,078.54	5,999.49	0.63	-0.26	-0.57
10,336.00	89.90	311.850	5,334.04	3,373.49	-5,148.08	6,093.47	0.93	0.04	-0.93
10,429.00	87.10	310.180	5,336.47	3,434.50	-5,218.22	6,186.43	3.51	-3.01	-1.80
10,520.00	88.70	310.830	5,339.80	3,493.56	-5,287.36	6,277.35	1.90	1.76	0.71
10,612.00	89.23	310.320	5,341.47	3,553.39	-5,357.23	6,369.33	0.80	0.58	-0.55
10,705.00	88.62	309.090	5,343.21	3,612.79	-5,428.76	6,462.27	1.48	-0.66	-1.32
10,797.00	87.59	311.560	5,346.25	3,672.29	-5,498.86	6,554.20	2.91	-1.12	2.68
10,890.00	86.86	311.130	5,350.76	3,733.65	-5,568.59	6,647.09	0.91	-0.78	-0.46
10,983.00	89.56	312.350	5,353.66	3,795.53	-5,637.95	6,740.03	3.19	2.90	1.31
11,075.00	89.53	310.720	5,354.39	3,856.53	-5,706.81	6,832.03	1.77	-0.03	-1.77
11,168.00	89.13	309.840	5,355.48	3,916.65	-5,777.75	6,925.00	1.04	-0.43	-0.95
11,259.00	90.60	312.010	5,355.69	3,976.25	-5,846.50	7,015.99	2.88	1.62	2.38



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Nageezi Unit 214H
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 214H	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)	
11,351.00	90.25	310.910	5,355.01	4,037.17	-5,915.45	7,107.99	1.25	-0.38	-1.20	
11,444.00	90.06	309.900	5,354.76	4,097.45	-5,986.26	7,200.97	1.11	-0.20	-1.09	
11,536.00	89.55	308.410	5,355.07	4,155.53	-6,057.60	7,292.90	1.71	-0.55	-1.62	
11,628.00	90.36	312.040	5,355.14	4,214.94	-6,127.83	7,384.87	4.04	0.88	3.95	
11,721.00	89.90	311.150	5,354.93	4,276.67	-6,197.38	7,477.87	1.08	-0.49	-0.96	
11,813.00	90.20	314.010	5,354.85	4,338.92	-6,265.12	7,569.84	3.13	0.33	3.11	
11,905.00	89.81	312.890	5,354.85	4,402.19	-6,331.90	7,661.77	1.29	-0.42	-1.22	
11,998.00	89.25	310.220	5,355.61	4,463.87	-6,401.49	7,754.76	2.93	-0.60	-2.87	
12,089.00	90.60	311.820	5,355.73	4,523.59	-6,470.14	7,845.75	2.30	1.48	1.76	
12,182.00	90.29	311.020	5,355.01	4,585.11	-6,539.88	7,938.75	0.92	-0.33	-0.86	
12,274.00	90.64	310.820	5,354.26	4,645.37	-6,609.39	8,030.74	0.44	0.38	-0.22	
12,367.00	89.82	309.600	5,353.89	4,705.41	-6,680.41	8,123.72	1.58	-0.88	-1.31	
12,460.00	91.03	312.660	5,353.20	4,766.57	-6,750.45	8,216.71	3.54	1.30	3.29	
12,553.00	89.48	310.660	5,352.78	4,828.39	-6,819.93	8,309.70	2.72	-1.67	-2.15	
12,645.00	89.90	312.210	5,353.28	4,889.27	-6,888.90	8,401.69	1.75	0.46	1.68	
12,737.00	88.96	312.130	5,354.19	4,951.02	-6,957.08	8,493.68	1.03	-1.02	-0.09	
12,830.00	88.86	310.830	5,355.96	5,012.61	-7,026.74	8,586.66	1.40	-0.11	-1.40	
12,922.00	88.51	310.010	5,358.07	5,072.25	-7,096.76	8,678.62	0.97	-0.38	-0.89	
13,014.00	90.63	313.030	5,358.77	5,133.22	-7,165.63	8,770.60	4.01	2.30	3.28	
13,107.00	91.04	313.170	5,357.41	5,196.76	-7,233.53	8,863.55	0.47	0.44	0.15	
13,199.00	90.66	312.560	5,356.05	5,259.33	-7,300.95	8,955.50	0.78	-0.41	-0.66	
13,292.00	90.11	311.120	5,355.42	5,321.37	-7,370.23	9,048.50	1.66	-0.59	-1.55	
13,384.00	89.78	310.760	5,355.51	5,381.65	-7,439.73	9,140.49	0.53	-0.36	-0.39	
13,476.00	89.66	309.440	5,355.96	5,440.91	-7,510.10	9,232.47	1.44	-0.13	-1.43	
13,569.00	89.47	311.120	5,356.66	5,501.03	-7,581.04	9,325.45	1.82	-0.20	1.81	
13,661.00	89.53	310.530	5,357.47	5,561.17	-7,650.66	9,417.44	0.64	0.07	-0.64	
13,754.00	90.80	312.060	5,357.20	5,622.55	-7,720.53	9,510.43	2.14	1.37	1.65	
13,846.00	90.62	311.460	5,356.06	5,683.81	-7,789.15	9,602.42	0.68	-0.20	-0.65	
13,939.00	90.40	310.520	5,355.23	5,744.81	-7,859.34	9,695.42	1.04	-0.24	-1.01	
Survey @ 13939.00 MD 5355.23 TVD										
14,090.40	90.40	310.520	5,354.17	5,843.18	-7,974.43	9,846.80	0.00	0.00	0.00	
LTP @ 14090.40 MD 5354.17 TVD										
14,102.00	90.40	310.520	5,354.09	5,850.71	-7,983.25	9,858.40	0.00	0.00	0.00	
330 ppd @ 14102 MD 5354.09 TVD										
14,135.00	90.40	310.520	5,353.86	5,872.15	-8,008.34	9,891.39	0.00	0.00	0.00	
Survey proj. to 14135 MD 5353.86 TVD 230 FNL 1976 FEL										



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Nageezi Unit 214H
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 214H	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)	
440.00	439.96	-3.88	3.20	MWD surveys
5,712.09	5,259.10	323.15	-1,682.87	FTP @ 5712.09 MD 5259.10 TVD
5,893.00	5,294.56	431.23	-1,822.77	9 5/8" Casing @ 5893.00 MD 5294.56 TVD
13,939.00	5,355.23	5,744.81	-7,859.34	Survey @ 13939.00 MD 5355.23 TVD
14,090.40	5,354.17	5,843.18	-7,974.43	LTP @ 14090.40 MD 5354.17 TVD
14,102.00	5,354.09	5,850.71	-7,983.25	330 ppd @ 14102 MD 5354.09 TVD
14,135.00	5,353.86	5,872.15	-8,008.34	Survey proj. to 14135 MD 5353.86 TVD 230 FNL 1976 FEL



Survey Report - Geographic



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Nageezi Unit 214H
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 214H	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 214H, Surf loc: 1779 FSL 784 FWL Section 26-T24N-R09W					
Well Position	+N/-S	0.00 ft	Northing:	1,922,242.28 usft	Latitude:	36.28279100
	+E/-W	0.00 ft	Easting:	2,743,155.65 usft	Longitude:	-107.76525700
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	49,030.06065597

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	311.340	

Survey Program	Date	8/15/2024			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
440.00	5,843.00	MWD int (Original Hole)	MWD	OWSG MWD - Standard	
5,946.00	13,939.00	MWD (Original Hole)	MWD	OWSG MWD - Standard	
14,135.00	14,135.00	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	1,922,242.28	2,743,155.65	36.28279100	-107.76525700	
440.00	1.31	140.490	439.96	-3.88	3.20	1,922,238.40	2,743,158.85	36.28278033	-107.76524616	
MWD surveys										
485.00	1.24	142.780	484.95	-4.67	3.82	1,922,237.61	2,743,159.48	36.28277818	-107.76524405	
574.00	0.12	100.890	573.94	-5.45	4.50	1,922,236.83	2,743,160.15	36.28277602	-107.76524176	
664.00	0.15	94.700	663.94	-5.48	4.71	1,922,236.80	2,743,160.36	36.28277595	-107.76524105	
753.00	0.29	123.640	752.94	-5.61	5.01	1,922,236.66	2,743,160.66	36.28277558	-107.76524002	
842.00	0.39	126.400	841.94	-5.92	5.44	1,922,236.36	2,743,161.09	36.28277474	-107.76523856	
932.00	0.18	138.570	931.94	-6.20	5.78	1,922,236.07	2,743,161.44	36.28277395	-107.76523741	
1,022.00	2.36	262.390	1,021.91	-6.56	4.04	1,922,235.72	2,743,159.69	36.28277299	-107.76524332	



Survey Report - Geographic



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Nageezi Unit 214H
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 214H	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	5.95	270.810	1,112.66	-6.74	-2.54	1,922,235.54	2,743,153.12	36.28277250	-107.76526563
1,209.00	9.85	276.540	1,207.73	-5.73	-15.68	1,922,236.55	2,743,139.98	36.28277529	-107.76531021
1,302.00	12.15	271.990	1,299.02	-4.48	-33.36	1,922,237.79	2,743,122.29	36.28277875	-107.76537021
1,397.00	15.01	269.260	1,391.36	-4.30	-55.66	1,922,237.98	2,743,099.99	36.28277931	-107.76544587
1,489.00	18.75	270.240	1,479.38	-4.39	-82.37	1,922,237.89	2,743,073.29	36.28277910	-107.76553649
1,582.00	20.98	270.130	1,566.84	-4.29	-113.97	1,922,237.99	2,743,041.69	36.28277944	-107.76564370
1,673.00	23.24	275.100	1,651.15	-2.65	-148.15	1,922,239.62	2,743,007.51	36.28278399	-107.76575967
1,765.00	24.64	274.360	1,735.23	0.42	-185.35	1,922,242.69	2,742,970.30	36.28279250	-107.76588590
1,856.00	24.61	272.430	1,817.96	2.66	-223.20	1,922,244.94	2,742,932.46	36.28279874	-107.76601430
1,949.00	25.81	272.250	1,902.10	4.28	-262.78	1,922,246.55	2,742,892.88	36.28280326	-107.76614858
2,039.00	25.96	273.780	1,983.07	6.35	-302.01	1,922,248.62	2,742,853.64	36.28280901	-107.76628170
2,128.00	28.12	275.970	2,062.34	9.81	-342.31	1,922,252.09	2,742,813.34	36.28281861	-107.76641844
2,218.00	29.25	278.420	2,141.29	15.24	-385.16	1,922,257.51	2,742,770.49	36.28283360	-107.76656380
2,307.00	28.51	276.810	2,219.22	20.94	-427.76	1,922,263.22	2,742,727.89	36.28284934	-107.76670833
2,397.00	28.39	275.580	2,298.36	25.57	-470.39	1,922,267.84	2,742,685.27	36.28286214	-107.76685294
2,486.00	27.65	275.410	2,376.92	29.57	-512.00	1,922,271.85	2,742,643.65	36.28287322	-107.76699414
2,576.00	28.35	274.870	2,456.39	33.36	-554.09	1,922,275.63	2,742,601.57	36.28288369	-107.76713691
2,665.00	27.40	274.330	2,535.06	36.70	-595.56	1,922,278.97	2,742,560.09	36.28289294	-107.76727763
2,755.00	27.74	274.180	2,614.84	39.79	-637.10	1,922,282.06	2,742,518.55	36.28290151	-107.76741857
2,844.00	26.02	273.660	2,694.22	42.54	-677.24	1,922,284.82	2,742,478.41	36.28290915	-107.76755476
2,934.00	25.99	273.280	2,775.11	44.93	-716.63	1,922,287.21	2,742,439.02	36.28291579	-107.76768840
3,023.00	24.33	272.390	2,855.66	46.81	-754.42	1,922,289.09	2,742,401.23	36.28292102	-107.76781661
3,113.00	24.29	273.540	2,937.68	48.73	-791.42	1,922,291.00	2,742,364.24	36.28292636	-107.76794215
3,202.00	25.64	274.100	3,018.37	51.23	-828.90	1,922,293.51	2,742,326.76	36.28293331	-107.76806930
3,292.00	24.93	273.070	3,099.74	53.64	-867.26	1,922,295.92	2,742,288.39	36.28294000	-107.76819947
3,381.00	27.37	275.190	3,179.63	56.50	-906.37	1,922,298.77	2,742,249.28	36.28294792	-107.76833216
3,470.00	26.91	274.410	3,258.83	59.90	-946.83	1,922,302.17	2,742,208.83	36.28295733	-107.76846942
3,560.00	30.26	275.410	3,337.85	63.60	-989.72	1,922,305.88	2,742,165.93	36.28296759	-107.76861495
3,650.00	29.06	274.260	3,416.06	67.36	-1,034.10	1,922,309.64	2,742,121.56	36.28297800	-107.76876550
3,739.00	28.02	272.170	3,494.24	69.76	-1,076.55	1,922,312.04	2,742,079.11	36.28298466	-107.76890952
3,828.00	26.92	271.580	3,573.21	71.11	-1,117.58	1,922,313.39	2,742,038.08	36.28298844	-107.76904873
3,918.00	27.49	270.350	3,653.25	71.80	-1,158.72	1,922,314.07	2,741,996.94	36.28299041	-107.76918831
4,008.00	26.26	268.950	3,733.53	71.56	-1,199.40	1,922,313.84	2,741,956.26	36.28298983	-107.76932634
4,097.00	23.35	271.720	3,814.31	71.73	-1,236.72	1,922,314.00	2,741,918.94	36.28299036	-107.76945298
4,186.00	19.85	272.280	3,897.05	72.86	-1,269.46	1,922,315.14	2,741,886.20	36.28299352	-107.76956405
4,276.00	18.29	273.890	3,982.11	74.43	-1,298.82	1,922,316.70	2,741,856.84	36.28299788	-107.76966367
4,366.00	17.02	279.120	4,067.87	77.47	-1,325.92	1,922,319.75	2,741,829.74	36.28300630	-107.76975560
4,455.00	15.30	282.460	4,153.36	82.07	-1,350.24	1,922,324.35	2,741,805.41	36.28301897	-107.76983814
4,545.00	11.27	279.980	4,240.93	86.16	-1,370.51	1,922,328.43	2,741,785.15	36.28303024	-107.76990688
4,635.00	8.05	275.610	4,329.64	88.30	-1,385.45	1,922,330.57	2,741,770.21	36.28303615	-107.76995756
4,725.00	6.29	272.380	4,418.94	89.12	-1,396.64	1,922,331.40	2,741,759.01	36.28303842	-107.76999555
4,814.00	3.91	270.350	4,507.58	89.34	-1,404.55	1,922,331.62	2,741,751.11	36.28303904	-107.77002238
4,904.00	2.16	297.290	4,597.45	90.14	-1,409.13	1,922,332.41	2,741,746.53	36.28304124	-107.77003791
4,993.00	0.79	354.550	4,686.42	91.52	-1,410.68	1,922,333.79	2,741,744.98	36.28304503	-107.77004316
5,038.00	1.09	331.300	4,731.42	92.20	-1,410.91	1,922,334.48	2,741,744.75	36.28304691	-107.77004396
5,083.00	5.73	311.700	4,776.33	94.07	-1,412.79	1,922,336.35	2,741,742.86	36.28305205	-107.77005034
5,128.00	10.76	310.860	4,820.85	98.32	-1,417.65	1,922,340.59	2,741,738.00	36.28306373	-107.77006681
5,172.00	15.14	306.590	4,863.72	104.43	-1,425.38	1,922,346.71	2,741,730.28	36.28308054	-107.77009301
5,217.00	19.34	306.530	4,906.69	112.37	-1,436.09	1,922,354.65	2,741,719.57	36.28310237	-107.77012933
5,262.00	23.06	307.290	4,948.64	122.15	-1,449.09	1,922,364.43	2,741,706.57	36.28312926	-107.77017343
5,306.00	26.91	308.210	4,988.51	133.54	-1,463.78	1,922,375.81	2,741,691.88	36.28316056	-107.77022323
5,352.00	31.22	308.780	5,028.71	147.45	-1,481.26	1,922,389.72	2,741,674.40	36.28319881	-107.77028251
5,396.00	35.40	308.030	5,065.47	162.45	-1,500.19	1,922,404.73	2,741,655.46	36.28324005	-107.77034673
5,441.00	39.30	308.940	5,101.24	179.44	-1,521.55	1,922,421.72	2,741,634.10	36.28328677	-107.77041917
5,486.00	43.79	312.050	5,134.91	198.84	-1,544.21	1,922,441.12	2,741,611.44	36.28334009	-107.77049601



Survey Report - Geographic



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Nageezi Unit 214H
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 214H	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
5,531.00	47.79	314.380	5,166.29	220.94	-1,567.70	1,922,463.21	2,741,587.96	36.28340083	-107.77057564
5,575.00	53.08	314.500	5,194.30	244.68	-1,591.91	1,922,486.95	2,741,563.75	36.28346610	-107.77065773
5,620.00	58.56	312.390	5,219.57	270.25	-1,618.94	1,922,512.52	2,741,536.72	36.28353639	-107.77074939
5,665.00	64.66	309.250	5,240.97	296.09	-1,648.90	1,922,538.36	2,741,506.76	36.28360742	-107.77085098
5,709.00	69.67	307.950	5,258.04	321.37	-1,680.58	1,922,563.65	2,741,475.07	36.28367693	-107.77095844
5,712.09	69.99	307.891	5,259.10	323.15	-1,682.87	1,922,565.43	2,741,472.79	36.28368183	-107.77096619
FTP @ 5712.09 MD 5259.10 TVD									
5,754.00	74.32	307.110	5,271.94	347.43	-1,714.51	1,922,589.71	2,741,441.14	36.28374858	-107.77107351
5,798.00	78.43	307.920	5,282.30	373.47	-1,748.42	1,922,615.74	2,741,407.23	36.28382016	-107.77118851
5,843.00	83.30	308.490	5,289.45	400.94	-1,783.32	1,922,643.21	2,741,372.33	36.28389569	-107.77130687
5,893.00	84.97	306.562	5,294.56	431.23	-1,822.77	1,922,673.51	2,741,332.89	36.28397898	-107.77144064
9 5/8" Casing @ 5893.00 MD 5294.56 TVD									
5,946.00	86.75	304.530	5,298.38	461.96	-1,865.78	1,922,704.23	2,741,289.88	36.28406347	-107.77158649
6,034.00	86.69	308.850	5,303.42	514.44	-1,936.21	1,922,756.71	2,741,219.45	36.28420775	-107.77182536
6,122.00	89.58	310.610	5,306.28	570.65	-2,003.84	1,922,812.92	2,741,151.82	36.28436228	-107.77205472
6,210.00	89.66	311.810	5,306.87	628.62	-2,070.04	1,922,870.90	2,741,085.62	36.28452166	-107.77227921
6,297.00	89.69	312.840	5,307.36	687.20	-2,134.36	1,922,929.48	2,741,021.30	36.28468269	-107.77249732
6,384.00	90.05	313.020	5,307.56	746.46	-2,198.06	1,922,988.73	2,740,957.60	36.28484557	-107.77271333
6,472.00	89.86	312.470	5,307.63	806.19	-2,262.69	1,923,048.46	2,740,892.97	36.28500976	-107.77293248
6,559.00	89.39	312.520	5,308.20	864.96	-2,326.83	1,923,107.23	2,740,828.83	36.28517132	-107.77315001
6,646.00	89.09	312.120	5,309.35	923.52	-2,391.15	1,923,165.80	2,740,764.51	36.28533232	-107.77336814
6,734.00	89.13	312.750	5,310.72	982.90	-2,456.09	1,923,225.17	2,740,699.57	36.28549552	-107.77358836
6,822.00	87.81	311.490	5,313.07	1,041.89	-2,521.34	1,923,284.17	2,740,634.32	36.28565770	-107.77380962
6,910.00	88.29	313.380	5,316.06	1,101.23	-2,586.25	1,923,343.51	2,740,569.41	36.28582083	-107.77402973
6,998.00	88.14	313.970	5,318.80	1,161.97	-2,649.86	1,923,404.25	2,740,505.80	36.28598779	-107.77424546
7,085.00	91.23	313.280	5,319.28	1,221.99	-2,712.83	1,923,464.26	2,740,442.83	36.28615276	-107.77445899
7,173.00	90.46	313.010	5,317.98	1,282.16	-2,777.03	1,923,524.43	2,740,378.63	36.28631816	-107.77467671
7,260.00	89.56	312.590	5,317.97	1,341.27	-2,840.87	1,923,583.55	2,740,314.79	36.28648065	-107.77489318
7,348.00	88.67	312.600	5,319.33	1,400.82	-2,905.64	1,923,643.10	2,740,250.02	36.28664435	-107.77511283
7,436.00	90.92	312.490	5,319.64	1,460.32	-2,970.47	1,923,702.60	2,740,185.19	36.28680790	-107.77533268
7,524.00	91.21	313.710	5,318.01	1,520.44	-3,034.71	1,923,762.71	2,740,120.95	36.28697315	-107.77555054
7,612.00	90.18	312.500	5,316.94	1,580.57	-3,098.95	1,923,822.84	2,740,056.71	36.28713843	-107.77576840
7,699.00	90.13	312.510	5,316.70	1,639.35	-3,163.09	1,923,881.62	2,739,992.57	36.28730001	-107.77598591
7,787.00	90.65	311.400	5,316.10	1,698.18	-3,228.53	1,923,940.45	2,739,927.13	36.28746172	-107.77620785
7,875.00	91.17	310.970	5,314.71	1,756.12	-3,294.75	1,923,998.39	2,739,860.91	36.28762099	-107.77643242
7,963.00	91.63	310.070	5,312.56	1,813.27	-3,361.62	1,924,055.55	2,739,794.04	36.28777812	-107.77665922
8,050.00	89.94	311.180	5,311.36	1,869.91	-3,427.65	1,924,112.18	2,739,728.02	36.28793381	-107.77688314
8,138.00	89.21	309.100	5,312.02	1,926.64	-3,494.91	1,924,168.91	2,739,660.75	36.28808974	-107.77711128
8,226.00	89.04	307.400	5,313.36	1,981.11	-3,564.01	1,924,223.38	2,739,591.65	36.28823949	-107.77734563
8,313.00	87.39	309.760	5,316.07	2,035.33	-3,631.98	1,924,277.60	2,739,523.68	36.28838855	-107.77757616
8,401.00	87.82	308.670	5,319.75	2,090.92	-3,700.10	1,924,333.19	2,739,455.56	36.28854135	-107.77780720
8,488.00	88.57	310.880	5,322.49	2,146.55	-3,766.93	1,924,388.82	2,739,388.73	36.28869428	-107.77803385
8,576.00	88.25	310.390	5,324.93	2,203.83	-3,833.68	1,924,446.10	2,739,321.98	36.28885175	-107.77826025
8,663.00	88.25	310.550	5,327.59	2,260.27	-3,899.84	1,924,502.54	2,739,255.82	36.28900690	-107.77848462
8,751.00	91.03	311.990	5,328.14	2,318.31	-3,965.97	1,924,560.58	2,739,189.69	36.28916643	-107.77870891
8,838.00	91.67	311.720	5,326.09	2,376.34	-4,030.75	1,924,618.62	2,739,124.91	36.28932596	-107.77892862
8,926.00	90.30	310.560	5,324.58	2,434.23	-4,097.01	1,924,676.50	2,739,058.65	36.28948507	-107.77915335
9,012.00	90.55	310.240	5,323.94	2,489.97	-4,162.50	1,924,732.24	2,738,993.16	36.28963828	-107.77937546
9,100.00	89.58	312.190	5,323.84	2,547.94	-4,228.70	1,924,790.22	2,738,926.97	36.28979765	-107.77959997
9,188.00	89.06	312.830	5,324.88	2,607.40	-4,293.56	1,924,849.67	2,738,862.10	36.28996109	-107.77981996
9,275.00	88.59	311.890	5,326.67	2,666.01	-4,357.83	1,924,908.28	2,738,797.83	36.29012218	-107.78003794
9,362.00	88.48	310.910	5,328.89	2,723.52	-4,423.07	1,924,965.79	2,738,732.59	36.29028027	-107.78025920
9,450.00	88.36	310.280	5,331.32	2,780.76	-4,489.87	1,925,023.03	2,738,665.80	36.29043762	-107.78048575
9,538.00	89.31	311.990	5,333.11	2,838.64	-4,556.13	1,925,080.91	2,738,599.54	36.29059670	-107.78071049
9,626.00	89.22	310.970	5,334.24	2,896.92	-4,622.05	1,925,139.19	2,738,533.61	36.29075690	-107.78093407



Survey Report - Geographic



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Nageezi Unit 214H
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 214H	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
9,713.00	89.43	310.700	5,335.26	2,953.80	-4,687.87	1,925,196.07	2,738,467.79	36.29091326	-107.78115731
9,800.00	88.95	309.650	5,336.49	3,009.92	-4,754.34	1,925,252.19	2,738,401.33	36.29106753	-107.78138275
9,888.00	90.49	313.310	5,336.92	3,068.20	-4,820.25	1,925,310.47	2,738,335.41	36.29122771	-107.78160632
9,976.00	90.76	313.350	5,335.96	3,128.58	-4,884.26	1,925,370.85	2,738,271.41	36.29139367	-107.78182341
10,066.00	90.97	312.970	5,334.60	3,190.14	-4,949.90	1,925,432.41	2,738,205.76	36.29156287	-107.78204604
10,153.00	90.09	313.230	5,333.80	3,249.58	-5,013.42	1,925,491.85	2,738,142.24	36.29172625	-107.78226148
10,242.00	89.86	312.720	5,333.84	3,310.25	-5,078.54	1,925,552.52	2,738,077.13	36.29189301	-107.78248234
10,336.00	89.90	311.850	5,334.04	3,373.49	-5,148.08	1,925,615.76	2,738,007.59	36.29206684	-107.78271820
10,429.00	87.10	310.180	5,336.47	3,434.50	-5,218.22	1,925,676.77	2,737,937.45	36.29223452	-107.78295610
10,520.00	88.70	310.830	5,339.80	3,493.56	-5,287.36	1,925,735.83	2,737,868.30	36.29239687	-107.78319062
10,612.00	89.23	310.320	5,341.47	3,553.39	-5,357.23	1,925,795.66	2,737,798.44	36.29256133	-107.78342760
10,705.00	88.62	309.090	5,343.21	3,612.79	-5,428.76	1,925,855.06	2,737,726.90	36.29272460	-107.78367024
10,797.00	87.59	311.560	5,346.25	3,672.29	-5,498.86	1,925,914.56	2,737,656.81	36.29288814	-107.78390800
10,890.00	86.86	311.130	5,350.76	3,733.65	-5,568.59	1,925,975.92	2,737,587.07	36.29305681	-107.78414454
10,983.00	89.56	312.350	5,353.66	3,795.53	-5,637.95	1,926,037.80	2,737,517.72	36.29322689	-107.78437977
11,075.00	89.53	310.720	5,354.39	3,856.53	-5,706.81	1,926,098.80	2,737,448.86	36.29339455	-107.78461334
11,168.00	89.13	309.840	5,355.48	3,916.65	-5,777.75	1,926,158.92	2,737,377.91	36.29355981	-107.78485398
11,259.00	90.60	312.010	5,355.69	3,976.25	-5,846.50	1,926,218.52	2,737,309.16	36.29372364	-107.78508718
11,351.00	90.25	310.910	5,355.01	4,037.17	-5,915.45	1,926,279.43	2,737,240.22	36.29389106	-107.78532103
11,444.00	90.06	309.900	5,354.76	4,097.45	-5,986.26	1,926,339.71	2,737,169.40	36.29405675	-107.78556124
11,536.00	89.55	308.410	5,355.07	4,155.53	-6,057.60	1,926,397.80	2,737,098.07	36.29421642	-107.78580323
11,628.00	90.36	312.040	5,355.14	4,214.94	-6,127.83	1,926,457.20	2,737,027.84	36.29437969	-107.78604145
11,721.00	89.90	311.150	5,354.93	4,276.67	-6,197.38	1,926,518.94	2,736,958.29	36.29454939	-107.78627736
11,813.00	90.20	314.010	5,354.85	4,338.92	-6,265.12	1,926,581.18	2,736,890.55	36.29472046	-107.78650712
11,905.00	89.81	312.890	5,354.85	4,402.19	-6,331.90	1,926,644.45	2,736,823.76	36.29489435	-107.78673366
11,998.00	89.25	310.220	5,355.61	4,463.87	-6,401.49	1,926,706.14	2,736,754.18	36.29506389	-107.78696970
12,089.00	90.60	311.820	5,355.73	4,523.59	-6,470.14	1,926,765.86	2,736,685.52	36.29522804	-107.78720257
12,182.00	90.29	311.020	5,355.01	4,585.11	-6,539.88	1,926,827.38	2,736,615.79	36.29539714	-107.78743912
12,274.00	90.64	310.820	5,354.26	4,645.37	-6,609.39	1,926,887.64	2,736,546.27	36.29556276	-107.78767493
12,367.00	89.82	309.600	5,353.89	4,705.41	-6,680.41	1,926,947.68	2,736,475.25	36.29572778	-107.78791584
12,460.00	91.03	312.660	5,353.20	4,766.57	-6,750.45	1,927,008.84	2,736,405.22	36.29589589	-107.78815342
12,553.00	89.48	310.660	5,352.78	4,828.39	-6,819.93	1,927,070.65	2,736,335.74	36.29606578	-107.78838908
12,645.00	89.90	312.210	5,353.28	4,889.27	-6,888.90	1,927,131.53	2,736,266.77	36.29623311	-107.78862304
12,737.00	88.96	312.130	5,354.19	4,951.02	-6,957.08	1,927,193.29	2,736,198.59	36.29640285	-107.78885432
12,830.00	88.86	310.830	5,355.96	5,012.61	-7,026.74	1,927,254.88	2,736,128.93	36.29657212	-107.78909062
12,922.00	88.51	310.010	5,358.07	5,072.25	-7,096.76	1,927,314.51	2,736,058.91	36.29673603	-107.78932815
13,014.00	90.63	313.030	5,358.77	5,133.22	-7,165.63	1,927,375.49	2,735,990.04	36.29690361	-107.78956176
13,107.00	91.04	313.170	5,357.41	5,196.76	-7,233.53	1,927,439.02	2,735,922.14	36.29707823	-107.78979208
13,199.00	90.66	312.560	5,356.05	5,259.33	-7,300.95	1,927,501.60	2,735,854.72	36.29725022	-107.79002080
13,292.00	90.11	311.120	5,355.42	5,321.37	-7,370.23	1,927,563.63	2,735,785.44	36.29742071	-107.79025582
13,384.00	89.78	310.760	5,355.51	5,381.65	-7,439.73	1,927,623.92	2,735,715.94	36.29758640	-107.79049157
13,476.00	89.66	309.440	5,355.96	5,440.91	-7,510.10	1,927,683.17	2,735,645.57	36.29774927	-107.79073029
13,569.00	89.47	311.120	5,356.66	5,501.03	-7,581.04	1,927,743.30	2,735,574.63	36.29791452	-107.79097096
13,661.00	89.53	310.530	5,357.47	5,561.17	-7,650.66	1,927,803.44	2,735,505.01	36.29807981	-107.79120711
13,754.00	90.80	312.060	5,357.20	5,622.55	-7,720.53	1,927,864.81	2,735,435.14	36.29824849	-107.79144413
13,846.00	90.62	311.460	5,356.06	5,683.81	-7,789.15	1,927,926.08	2,735,366.52	36.29841687	-107.79167692
13,939.00	90.40	310.520	5,355.23	5,744.81	-7,859.34	1,927,987.08	2,735,296.33	36.29858452	-107.79191504
Survey @ 13939.00 MD 5355.23 TVD									
14,090.40	90.40	310.520	5,354.17	5,843.18	-7,974.43	1,928,085.44	2,735,181.24	36.29885487	-107.79230547
LTP @ 14090.40 MD 5354.17 TVD									
14,102.00	90.40	310.520	5,354.09	5,850.71	-7,983.25	1,928,092.98	2,735,172.42	36.29887558	-107.79233538
330 ppd @ 14102 MD 5354.09 TVD									
14,135.00	90.40	310.520	5,353.86	5,872.15	-8,008.34	1,928,114.42	2,735,147.34	36.29893451	-107.79242048
Survey proj. to 14135 MD 5353.86 TVD 230 FNL 1976 FEL									



Survey Report - Geographic



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Nageezi Unit 214H
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 214H	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)	
440.00	439.96	-3.88	3.20	MWD surveys
5,712.09	5,259.10	323.15	-1,682.87	FTP @ 5712.09 MD 5259.10 TVD
5,893.00	5,294.56	431.23	-1,822.77	9 5/8" Casing @ 5893.00 MD 5294.56 TVD
13,939.00	5,355.23	5,744.81	-7,859.34	Survey @ 13939.00 MD 5355.23 TVD
14,090.40	5,354.17	5,843.18	-7,974.43	LTP @ 14090.40 MD 5354.17 TVD
14,102.00	5,354.09	5,850.71	-7,983.25	330 ppd @ 14102 MD 5354.09 TVD
14,135.00	5,353.86	5,872.15	-8,008.34	Survey proj. to 14135 MD 5353.86 TVD 230 FNL 1976 FEL

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 388477

ACKNOWLEDGMENTS

Operator: DJR OPERATING, LLC 200 Energy Court Farmington, NM 87401	OGRID: 371838
	Action Number: 388477
	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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Energy, Minerals and Natural Resources
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1220 S. St Francis Dr.
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CONDITIONS

Action 388477

CONDITIONS

Operator: DJR OPERATING, LLC 200 Energy Court Farmington, NM 87401	OGRID: 371838
	Action Number: 388477
	Action Type: [C-104] Completion Packet - Test Allowable (C-104RT)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	RT EXPIRES 1/2/2025.	10/2/2024