

Santa Fe Main Office Phone: (505) 476-3441 Fax: (55) 476-3462 General Information Phone: (505) 629-6116 Online Phone Directory Visit: https://www.emnrd.nm.gov/ocd/contact-us/	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	<div style="text-align: right;"> C-104 Revised July 9, 2024 Submit Electronically Via OCD Permitting </div>
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REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

Section 1 - Operator and Well Information

Submittal Type: <input checked="" type="checkbox"/> Test Allowable (C-104RT) <input type="checkbox"/> New Well (C-104NW) <input type="checkbox"/> Recomplete (C-104RC) <input type="checkbox"/> Pay Add (C-104RC) <input type="checkbox"/> Amended	
Operator Name: DJR Operating, LLC	OGRID: 371838
Property Name and Well Number: NAGEEZI UNIT 216H	Property Code: 325268
Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input checked="" type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal	API Number: 30-045-38296
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		1742' SOUTH	769' WEST	36.282740	-107.765282	SAN JUAN

Section 3 – Completion Information

Producing Method	Ready Date	Perforations MD	Perforations TVD
FLOWING	10/5/2024	5825' – 16480'	5256' – 5319'

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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
Surface Casing Action ID: 349711	Unit: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No, Order No. R-13856 / R-13856A
Intermediate 1 Casing Action ID: 360488	Compulsory Pooling: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
Intermediate 2 Casing Action ID:	Down Hole Commingling: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
Production Casing Action ID: 373814	Surface Commingling: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
All casing was pressure tested in accordance with NMAC <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Non-standard Location: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Common ownership Order No.
Liner 1 Action ID: 373814	Non-standard Proration: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
Casing was installed prior to OCD's Action ID system (Y/N): N	Simultaneous Dedication: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.

Section 5 - Operator Signature and Certification

<input checked="" type="checkbox"/> I hereby certify that the required Water Use Report has been, or will be, submitted for this well's completion.	
<input checked="" type="checkbox"/> I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this well's completion.	
<input checked="" type="checkbox"/> 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:	<input type="checkbox"/> Initial Submittal <input type="checkbox"/> Amended Report <input checked="" type="checkbox"/> As Drilled

WELL LOCATION INFORMATION

API Number 30-045-38296	Pool Code 98080	Pool Name NAGEEZI UNIT MANCOS OIL POOL
Property Code 325268	Property Name NAGEEZI UNIT	Well Number 216H
OGRID No. 371838	Operator Name DJR OPERATING, LLC	Ground Level Elevation 6826'
Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input checked="" type="checkbox"/> Tribal <input type="checkbox"/> Federal		Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input checked="" type="checkbox"/> Tribal <input checked="" type="checkbox"/> 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		1742' SOUTH	769' WEST	36.282740° N	107.765282° 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	21	24N	9W		2161' SOUTH	177' WEST	36.298289° N	107.802947° W	SAN JUAN

Dedicated Acres SEC 27: NE/SE, NW/SE, SW/NE, NE/SW, SE/NW, SW/NW & NW/NW (280 AC.); SEC 28: SE/NE, NE/NE & NW/NE (120 AC.); SEC 21: SE/SE, SW/SE & SW/4 (240 AC.) = 640 ACRES	PENETRATED SPACING UNIT:	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
Order Numbers: R-13856 R-13856A				N	Unit
Well Setbacks are under Common Ownership: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> 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		1637' SOUTH	831' EAST	36.282360° N	107.770764° 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		1752' SOUTH	1195' EAST	36.282678° N	107.771997° 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	21	24N	9W		2150' SOUTH	190' WEST	36.298262° N	107.802893° W	SAN JUAN

Unitized Area or Area of Uniform Interest NAGEEZI	Spacing Unit Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> 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.

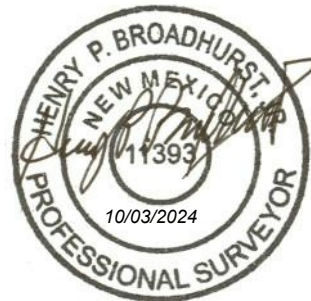
Shaw-Marie Ford 10/3/2024
 Signature Date

Shaw-Marie Ford
 Printed Name

sford@enduringresources.com
 E-mail Address

SURVEYOR CERTIFICATIONS

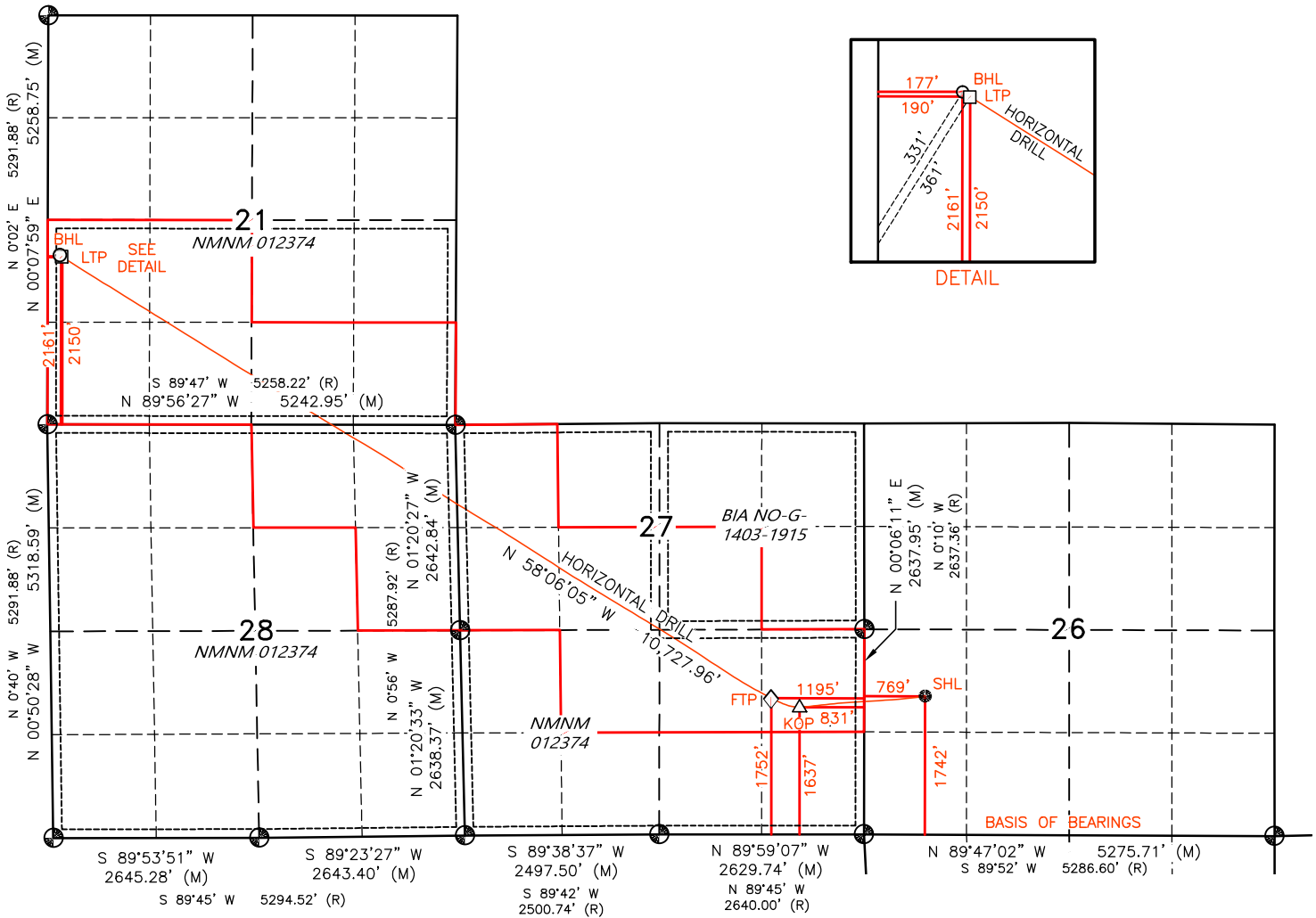
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.



Signature and Seal of Professional Surveyor:

Certificate Number 11393	Date of Survey AUGUST 26, 2024
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FND 2 1/2" BC
GLO 1933



- SURFACE LOCATION (SHL) ●
 - 1742' FSL 769' FWL
 - SEC. 26, T24N, R9W
 - LAT. 36.282740° N (NAD83)
 - LONG. 107.765282° W (NAD83)
- KICK OFF POINT (KOP) ▲
 - 1637' FSL 831' FEL
 - SEC. 27, T24N, R9W
 - LAT. 36.282360° N (NAD83)
 - LONG. 107.770764° W (NAD83)
- FIRST TAKE POINT (FTP) ◇
 - 1752' FSL 1195' FEL
 - SEC. 27, T24N, R9W
 - LAT. 36.282678° N (NAD83)
 - LONG. 107.771997° W (NAD83)
- LAST TAKE POINT (LTP) □
 - 2150' FSL 190' FWL
 - SEC. 21, T24N, R9W
 - LAT. 36.298262° N (NAD83)
 - LONG. 107.802893° W (NAD83)
- BOTTOM HOLE LOCATION (BHL) ○
 - 2161' FSL 177' FWL
 - SEC. 21, T24N, R9W
 - LAT. 36.298289° N (NAD83)
 - LONG. 107.802947° W (NAD83)



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

ANNOTATIONS SURVEYS

MD	Inc	Azi	TVD	+N-S	+E-W	Vsect	Annotation
485.00	1.25	91.530	484.96	-0.14	5.29	-4.56	MWD surveys
5757.95	69.99	296.951	5237.50	-24.08	-1978.96	1665.30	FTP @ 5757.95 MD 5237.50 TVD
5985.60	85.54	299.614	5279.01	66.71	-2172.48	1888.13	9 5/8" Casing @ 5985.60 MD 5279.01 TVD
16412.00	89.51	301.810	5318.81	5600.89	-11016.05	12309.97	Survey @ 16412.00 MD 5318.81 TVD
16495.30	89.51	301.810	5319.52	5644.80	-11086.83	12393.26	LTP @ 16495.30 MD 5319.52 TVD
16514.00	89.51	301.810	5319.68	5654.65	-11102.72	12411.96	330 ppd @ 16514.00 MD 5319.68 TVD
16540.00	89.51	301.810	5319.90	5668.36	-11124.82	12437.96	Survey proj. to 16540 MD 5319.90 TVD 455 FNL 151 FWL

Geodetic System: US State Plane 1983
 Datum: North American Datum 1983
 Ellipsoid: GRS 1980
 Zone: New Mexico Western Zone
 System Datum: Mean Sea Level
 Depth Reference: RKB=6826+23.5 @ 6849.50ft (Ensign 140)

Surface location:
 Northing 1922223.70 Easting 2743148.30 Latitude 36.28274000 Longitude -107.76528200

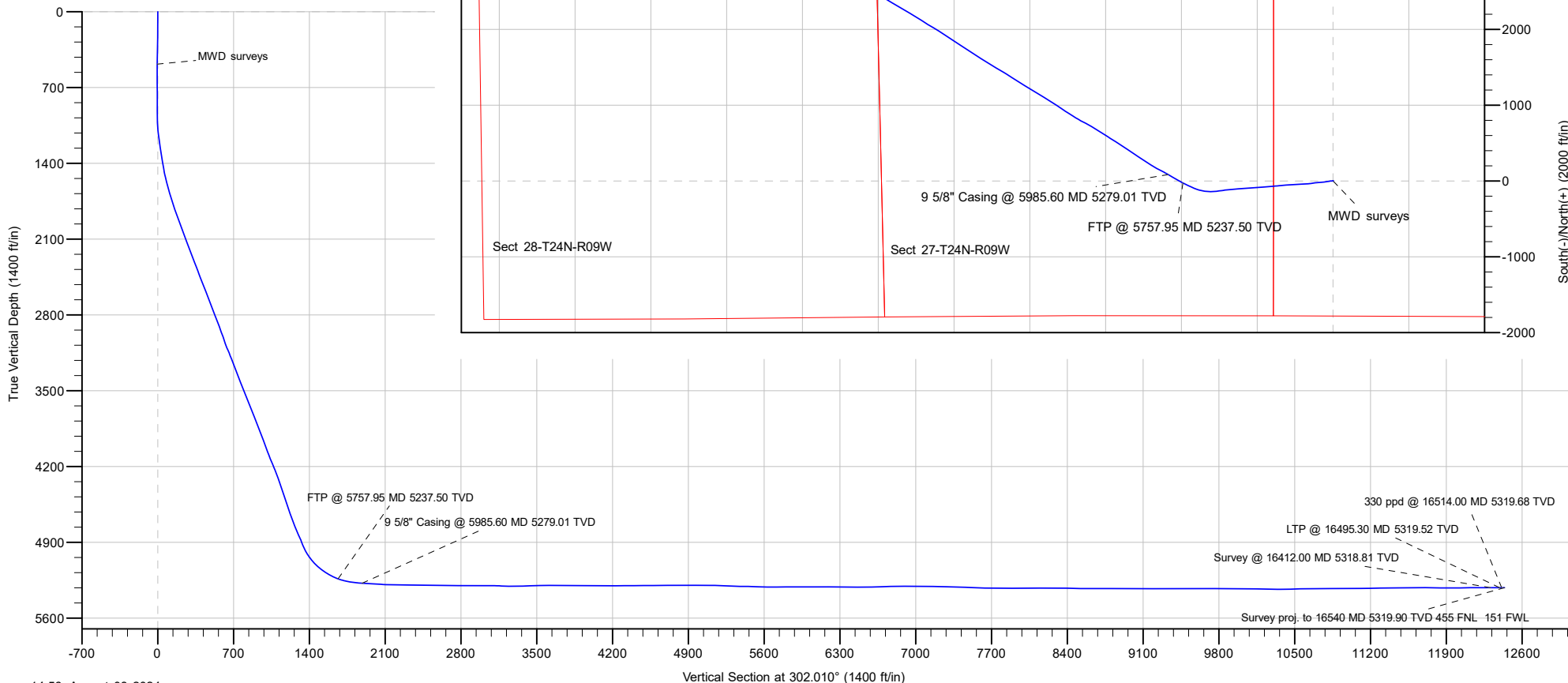
Total Corr (M=>G): To convert a Magnetic Direction to a Grid Direction, Add 8.454°



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



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





Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Nageezi Unit 216H
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 216H	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 216H, Surf loc: 1742 FSL 769 FWL Section 26-T24N-R09W					
Well Position	+N/-S	0.00 ft	Northing:	1,922,223.71 usft	Latitude:	36.28274000
	+E/-W	0.00 ft	Easting:	2,743,148.30 usft	Longitude:	-107.76528200
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	49,030.02867629

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	302.010	

Survey Program	Date	8/8/2024			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
485.00	5,933.00	MWD int (Original Hole)	MWD	OWSG MWD - Standard	
6,048.00	16,412.00	MWD (Original Hole)	MWD	OWSG MWD - Standard	
16,540.00	16,540.00	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	
485.00	1.25	91.530	484.96	-0.14	5.29	-4.56	0.26	0.26	0.00	
MWD surveys										
574.00	0.40	317.980	573.96	0.06	6.05	-5.10	1.74	-0.96	-150.06	
664.00	0.44	336.780	663.95	0.61	5.70	-4.51	0.16	0.04	20.89	
753.00	0.44	17.630	752.95	1.25	5.67	-4.15	0.35	0.00	45.90	
842.00	0.46	8.270	841.95	1.93	5.83	-3.92	0.09	0.02	-10.52	
932.00	0.19	19.300	931.95	2.43	5.93	-3.74	0.31	-0.30	12.26	



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Nageezi Unit 216H
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 216H	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)	
1,022.00	2.26	271.840	1,021.92	2.63	4.20	-2.17	2.58	2.30	-119.40	
1,113.00	7.18	271.300	1,112.59	2.82	-3.28	4.27	5.41	5.41	-0.59	
1,209.00	10.21	263.300	1,207.48	1.96	-17.73	16.07	3.39	3.16	-8.33	
1,302.00	11.60	264.180	1,298.79	0.05	-35.22	29.89	1.51	1.49	0.95	
1,397.00	12.15	260.950	1,391.76	-2.49	-54.59	44.97	0.91	0.58	-3.40	
1,489.00	14.57	262.170	1,481.27	-5.59	-75.62	61.16	2.65	2.63	1.33	
1,582.00	17.60	261.770	1,570.61	-9.20	-101.13	80.88	3.26	3.26	-0.43	
1,673.00	20.91	264.680	1,656.51	-12.67	-130.93	104.30	3.79	3.64	3.20	
1,765.00	22.61	263.840	1,741.96	-16.09	-164.86	131.26	1.88	1.85	-0.91	
1,856.00	23.08	263.680	1,825.82	-19.94	-199.98	159.01	0.52	0.52	-0.18	
1,949.00	24.26	264.740	1,910.99	-23.69	-237.12	188.51	1.35	1.27	1.14	
2,039.00	25.61	263.220	1,992.60	-27.69	-274.85	218.39	1.66	1.50	-1.69	
2,128.00	25.09	260.810	2,073.03	-32.97	-312.58	247.58	1.30	-0.58	-2.71	
2,218.00	25.39	265.570	2,154.45	-37.51	-350.66	277.46	2.28	0.33	5.29	
2,307.00	25.61	269.130	2,234.79	-39.27	-388.92	308.97	1.74	0.25	4.00	
2,397.00	24.96	268.200	2,316.16	-40.17	-427.35	341.08	0.85	-0.72	-1.03	
2,486.00	23.78	267.150	2,397.23	-41.65	-464.04	371.41	1.41	-1.33	-1.18	
2,576.00	26.00	266.710	2,478.87	-43.68	-501.86	402.40	2.48	2.47	-0.49	
2,665.00	25.75	265.920	2,558.94	-46.18	-540.62	433.95	0.48	-0.28	-0.89	
2,755.00	25.60	264.580	2,640.06	-49.41	-579.48	465.18	0.67	-0.17	-1.49	
2,844.00	26.01	265.060	2,720.18	-52.90	-618.06	496.05	0.52	0.46	0.54	
2,934.00	25.79	264.500	2,801.14	-56.48	-657.21	527.35	0.37	-0.24	-0.62	
3,023.00	25.34	266.290	2,881.43	-59.57	-695.49	558.17	1.00	-0.51	2.01	
3,113.00	23.32	264.760	2,963.44	-62.44	-732.45	587.99	2.35	-2.24	-1.70	
3,202.00	24.09	264.220	3,044.93	-65.88	-768.07	616.37	0.90	0.87	-0.61	
3,292.00	28.28	266.400	3,125.67	-69.07	-807.64	648.23	4.78	4.66	2.42	
3,381.00	26.02	264.610	3,204.86	-72.23	-848.12	680.88	2.70	-2.54	-2.01	
3,470.00	26.42	266.520	3,284.71	-75.26	-887.32	712.52	1.05	0.45	2.15	
3,560.00	25.04	265.350	3,365.78	-78.02	-926.29	744.10	1.63	-1.53	-1.30	
3,650.00	25.97	264.170	3,447.01	-81.57	-964.88	774.94	1.18	1.03	-1.31	
3,739.00	25.22	263.310	3,527.28	-85.75	-1,003.10	805.13	0.94	-0.84	-0.97	
3,828.00	26.07	267.320	3,607.52	-88.88	-1,041.47	836.01	2.17	0.96	4.51	
3,918.00	28.01	269.210	3,687.67	-90.09	-1,082.36	870.04	2.36	2.16	2.10	
4,008.00	26.01	266.860	3,767.86	-91.47	-1,123.20	903.94	2.52	-2.22	-2.61	
4,097.00	25.24	265.500	3,848.10	-94.02	-1,161.60	935.15	1.09	-0.87	-1.53	
4,186.00	24.91	265.220	3,928.72	-97.08	-1,199.20	965.41	0.39	-0.37	-0.31	
4,276.00	24.14	263.450	4,010.60	-100.75	-1,236.37	994.98	1.18	-0.86	-1.97	
4,366.00	26.23	265.290	4,092.04	-104.49	-1,274.48	1,025.32	2.48	2.32	2.04	
4,455.00	27.89	266.040	4,171.29	-107.54	-1,314.85	1,057.93	1.90	1.87	0.84	
4,545.00	24.85	263.640	4,251.92	-111.09	-1,354.66	1,089.80	3.58	-3.38	-2.67	
4,635.00	24.94	263.090	4,333.56	-115.47	-1,392.29	1,119.39	0.28	0.10	-0.61	
4,725.00	24.67	263.410	4,415.25	-119.91	-1,429.78	1,148.84	0.34	-0.30	0.36	
4,814.00	21.92	261.860	4,496.99	-124.39	-1,464.69	1,176.05	3.17	-3.09	-1.74	



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Nageezi Unit 216H
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 216H	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)	
4,904.00	23.89	262.640	4,579.89	-129.10	-1,499.39	1,202.99	2.21	2.19	0.87	
4,993.00	24.65	262.420	4,661.02	-133.86	-1,535.67	1,231.22	0.86	0.85	-0.25	
5,083.00	27.52	266.000	4,741.85	-137.79	-1,575.02	1,262.51	3.64	3.19	3.98	
5,172.00	26.90	269.880	4,821.01	-139.26	-1,615.67	1,296.20	2.11	-0.70	4.36	
5,217.00	26.13	275.030	4,861.28	-138.42	-1,635.73	1,313.65	5.39	-1.71	11.44	
5,262.00	23.09	274.320	4,902.19	-136.88	-1,654.40	1,330.30	6.79	-6.76	-1.58	
5,306.00	26.23	275.410	4,942.17	-135.32	-1,672.69	1,346.64	7.21	7.14	2.48	
5,352.00	30.54	276.710	4,982.63	-132.99	-1,694.43	1,366.30	9.46	9.37	2.83	
5,396.00	35.18	280.440	5,019.59	-129.39	-1,718.01	1,388.21	11.50	10.55	8.48	
5,441.00	39.33	284.170	5,055.40	-123.54	-1,744.60	1,413.86	10.50	9.22	8.29	
5,486.00	43.92	287.420	5,089.03	-115.37	-1,773.34	1,442.55	11.27	10.20	7.22	
5,531.00	48.38	290.430	5,120.20	-104.82	-1,804.01	1,474.15	11.02	9.91	6.69	
5,575.00	52.62	292.990	5,148.19	-92.25	-1,835.53	1,507.55	10.63	9.64	5.82	
5,620.00	56.06	294.240	5,174.42	-77.60	-1,869.02	1,543.72	7.97	7.64	2.78	
5,665.00	59.85	295.620	5,198.29	-61.51	-1,903.60	1,581.56	8.81	8.42	3.07	
5,709.00	64.84	296.490	5,218.71	-44.39	-1,938.60	1,620.31	11.48	11.34	1.98	
5,754.00	69.58	296.910	5,236.13	-25.76	-1,975.65	1,661.61	10.57	10.53	0.93	
5,757.95	69.99	296.951	5,237.50	-24.08	-1,978.96	1,665.30	10.52	10.48	1.05	
FTP @ 5757.95 MD 5237.50 TVD										
5,798.00	74.19	297.360	5,249.81	-6.69	-2,012.85	1,703.27	10.52	10.48	1.02	
5,843.00	78.08	299.960	5,260.59	14.27	-2,051.17	1,746.87	10.30	8.64	5.78	
5,888.00	81.43	301.260	5,268.60	36.81	-2,089.28	1,791.13	7.97	7.44	2.89	
5,933.00	84.10	301.530	5,274.26	60.07	-2,127.38	1,835.77	5.96	5.93	0.60	
5,985.60	85.54	299.614	5,279.01	86.71	-2,172.48	1,888.13	4.54	2.73	-3.64	
9 5/8" Casing @ 5985.60 MD 5279.01 TVD										
6,048.00	87.25	297.350	5,282.94	116.40	-2,227.22	1,950.28	4.54	2.74	-3.63	
6,136.00	87.32	297.940	5,287.11	157.19	-2,305.08	2,037.93	0.67	0.08	0.67	
6,224.00	86.29	301.390	5,292.01	200.67	-2,381.42	2,125.70	4.09	-1.17	3.92	
6,312.00	89.66	303.350	5,295.12	247.74	-2,455.68	2,213.63	4.43	3.83	2.23	
6,400.00	89.94	303.760	5,295.43	296.38	-2,529.02	2,301.60	0.56	0.32	0.47	
6,487.00	89.83	303.500	5,295.61	344.57	-2,601.45	2,388.56	0.32	-0.13	-0.30	
6,575.00	89.70	303.370	5,295.97	393.05	-2,674.89	2,476.53	0.21	-0.15	-0.15	
6,662.00	89.33	303.560	5,296.70	441.03	-2,747.47	2,563.50	0.48	-0.43	0.22	
6,749.00	88.78	302.840	5,298.14	488.66	-2,820.25	2,650.47	1.04	-0.63	-0.83	
6,836.00	89.13	303.390	5,299.72	536.18	-2,893.11	2,737.44	0.75	0.40	0.63	
6,924.00	87.82	301.650	5,302.07	583.47	-2,967.28	2,825.40	2.47	-1.49	-1.98	
7,011.00	90.82	302.780	5,303.10	629.84	-3,040.87	2,912.38	3.68	3.45	1.30	
7,099.00	91.09	302.800	5,301.63	677.49	-3,114.84	3,000.36	0.31	0.31	0.02	
7,187.00	89.36	299.590	5,301.29	723.06	-3,190.10	3,088.34	4.14	-1.97	-3.65	
7,275.00	87.00	296.890	5,304.08	764.67	-3,267.58	3,176.09	4.07	-2.68	-3.07	
7,362.00	90.45	299.930	5,306.02	806.05	-3,344.06	3,262.87	5.28	3.97	3.49	
7,450.00	91.07	302.030	5,304.85	851.34	-3,419.49	3,350.84	2.49	0.70	2.39	
7,538.00	91.98	302.390	5,302.51	898.22	-3,493.92	3,438.81	1.11	1.03	0.41	
7,624.00	91.86	303.760	5,299.63	945.13	-3,565.95	3,524.75	1.60	-0.14	1.59	



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Nageezi Unit 216H
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 216H	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)	
7,712.00	89.62	302.890	5,298.49	993.47	-3,639.46	3,612.71	2.73	-2.55	-0.99	
7,800.00	89.70	303.090	5,299.01	1,041.38	-3,713.27	3,700.69	0.24	0.09	0.23	
7,888.00	89.74	302.300	5,299.44	1,088.92	-3,787.33	3,788.69	0.90	0.05	-0.90	
7,976.00	89.41	301.880	5,300.10	1,135.67	-3,861.88	3,876.68	0.61	-0.38	-0.48	
8,064.00	89.67	302.100	5,300.80	1,182.28	-3,936.52	3,964.68	0.39	0.30	0.25	
8,151.00	89.42	300.760	5,301.49	1,227.65	-4,010.75	4,051.67	1.57	-0.29	-1.54	
8,239.00	89.50	299.600	5,302.32	1,271.88	-4,086.81	4,139.62	1.32	0.09	-1.32	
8,326.00	90.35	303.300	5,302.44	1,317.27	-4,161.02	4,226.60	4.36	0.98	4.25	
8,414.00	90.67	302.930	5,301.65	1,365.34	-4,234.72	4,314.58	0.56	0.36	-0.42	
8,500.00	90.62	302.220	5,300.68	1,411.64	-4,307.19	4,400.57	0.83	-0.06	-0.83	
8,588.00	90.26	300.790	5,300.01	1,457.63	-4,382.21	4,488.56	1.68	-0.41	-1.63	
8,675.00	90.65	300.570	5,299.32	1,502.02	-4,457.03	4,575.54	0.51	0.45	-0.25	
8,763.00	90.61	300.500	5,298.35	1,546.72	-4,532.82	4,663.50	0.09	-0.05	-0.08	
8,851.00	90.02	302.260	5,297.87	1,592.54	-4,607.95	4,751.49	2.11	-0.67	2.00	
8,939.00	90.80	303.840	5,297.24	1,640.53	-4,681.71	4,839.47	2.00	0.89	1.80	
9,026.00	89.27	302.890	5,297.18	1,688.38	-4,754.36	4,926.44	2.07	-1.76	-1.09	
9,114.00	88.84	302.210	5,298.64	1,735.72	-4,828.53	5,014.43	0.91	-0.49	-0.77	
9,202.00	90.78	304.200	5,298.93	1,783.91	-4,902.15	5,102.40	3.16	2.20	2.26	
9,290.00	87.51	303.720	5,300.24	1,833.05	-4,975.12	5,190.32	3.76	-3.72	-0.55	
9,377.00	87.15	302.920	5,304.29	1,880.79	-5,047.74	5,277.21	1.01	-0.41	-0.92	
9,465.00	89.26	303.490	5,307.05	1,928.95	-5,121.33	5,365.14	2.48	2.40	0.65	
9,553.00	88.80	301.650	5,308.54	1,976.32	-5,195.48	5,453.12	2.15	-0.52	-2.09	
9,641.00	88.51	301.210	5,310.60	2,022.19	-5,270.55	5,541.09	0.60	-0.33	-0.50	
9,729.00	88.22	300.600	5,313.12	2,067.37	-5,346.02	5,629.04	0.77	-0.33	-0.69	
9,817.00	90.74	303.340	5,313.91	2,113.96	-5,420.66	5,717.02	4.23	2.86	3.11	
9,904.00	90.54	302.030	5,312.94	2,160.94	-5,493.88	5,804.00	1.52	-0.23	-1.51	
9,992.00	90.19	301.270	5,312.38	2,207.11	-5,568.79	5,892.00	0.95	-0.40	-0.86	
10,080.00	90.39	301.120	5,311.94	2,252.69	-5,644.06	5,979.99	0.28	0.23	-0.17	
10,167.00	89.89	300.150	5,311.72	2,297.02	-5,718.92	6,066.96	1.25	-0.57	-1.11	
10,254.00	89.37	299.330	5,312.29	2,340.18	-5,794.46	6,153.89	1.12	-0.60	-0.94	
10,342.00	89.87	299.980	5,312.87	2,383.72	-5,870.93	6,241.81	0.93	0.57	0.74	
10,430.00	89.60	302.700	5,313.28	2,429.48	-5,946.08	6,329.80	3.11	-0.31	3.09	
10,518.00	89.47	301.640	5,313.99	2,476.33	-6,020.57	6,417.80	1.21	-0.15	-1.20	
10,605.00	89.24	301.360	5,314.97	2,521.79	-6,094.74	6,504.79	0.42	-0.26	-0.32	
10,693.00	92.24	304.170	5,313.83	2,569.40	-6,168.72	6,592.75	4.67	3.41	3.19	
10,779.00	92.24	303.590	5,310.47	2,617.30	-6,240.06	6,678.64	0.67	0.00	-0.67	
10,867.00	91.06	304.350	5,307.94	2,666.45	-6,313.01	6,766.55	1.59	-1.34	0.86	
10,954.00	91.02	303.950	5,306.36	2,715.28	-6,385.00	6,853.48	0.46	-0.05	-0.46	
11,042.00	89.23	303.930	5,306.17	2,764.41	-6,458.00	6,941.42	2.03	-2.03	-0.02	
11,129.00	89.17	303.660	5,307.38	2,812.80	-6,530.29	7,028.37	0.32	-0.07	-0.31	
11,216.00	89.36	303.910	5,308.50	2,861.17	-6,602.59	7,115.32	0.36	0.22	0.29	
11,304.00	89.30	303.410	5,309.53	2,909.95	-6,675.84	7,203.28	0.57	-0.07	-0.57	
11,392.00	88.62	302.750	5,311.12	2,957.97	-6,749.56	7,291.25	1.08	-0.77	-0.75	



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Nageezi Unit 216H
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 216H	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)	
11,479.00	88.47	302.380	5,313.33	3,004.78	-6,822.86	7,378.22	0.46	-0.17	-0.43	
11,567.00	88.02	301.600	5,316.03	3,051.38	-6,897.46	7,466.17	1.02	-0.51	-0.89	
11,655.00	86.80	300.480	5,320.00	3,096.71	-6,972.78	7,554.07	1.88	-1.39	-1.27	
11,742.00	89.92	300.460	5,322.49	3,140.80	-7,047.72	7,640.99	3.59	3.59	-0.02	
11,829.00	88.39	298.760	5,323.78	3,183.78	-7,123.35	7,727.90	2.63	-1.76	-1.95	
11,917.00	89.22	300.540	5,325.61	3,227.30	-7,199.80	7,815.80	2.23	0.94	2.02	
12,007.00	90.76	301.410	5,325.63	3,273.62	-7,276.97	7,905.78	1.97	1.71	0.97	
12,095.00	90.92	301.430	5,324.34	3,319.49	-7,352.05	7,993.77	0.18	0.18	0.02	
12,183.00	90.65	301.060	5,323.13	3,365.13	-7,427.28	8,081.75	0.52	-0.31	-0.42	
12,272.00	89.98	301.910	5,322.64	3,411.61	-7,503.18	8,170.75	1.22	-0.75	0.96	
12,359.00	89.35	302.190	5,323.15	3,457.78	-7,576.92	8,257.74	0.79	-0.72	0.32	
12,447.00	89.44	301.870	5,324.08	3,504.45	-7,651.52	8,345.74	0.38	0.10	-0.36	
12,535.00	88.49	300.920	5,325.67	3,550.28	-7,726.62	8,433.72	1.53	-1.08	-1.08	
12,623.00	88.96	301.840	5,327.63	3,596.09	-7,801.73	8,521.69	1.17	0.53	1.05	
12,717.00	90.31	303.250	5,328.23	3,646.66	-7,880.96	8,615.68	2.08	1.44	1.50	
12,809.00	90.50	302.760	5,327.58	3,696.77	-7,958.11	8,707.66	0.57	0.21	-0.53	
12,901.00	89.94	302.120	5,327.22	3,746.12	-8,035.75	8,799.66	0.92	-0.61	-0.70	
12,993.00	89.82	301.390	5,327.42	3,794.54	-8,113.98	8,891.66	0.80	-0.13	-0.79	
13,086.00	89.49	301.280	5,327.98	3,842.90	-8,193.41	8,984.65	0.37	-0.35	-0.12	
13,178.00	90.19	301.920	5,328.23	3,891.11	-8,271.77	9,076.64	1.03	0.76	0.70	
13,271.00	89.38	301.100	5,328.58	3,939.71	-8,351.06	9,169.64	1.24	-0.87	-0.88	
13,363.00	89.97	301.270	5,329.10	3,987.35	-8,429.76	9,261.63	0.67	0.64	0.18	
13,456.00	89.74	300.350	5,329.34	4,034.98	-8,509.64	9,354.60	1.02	-0.25	-0.99	
13,548.00	90.56	301.160	5,329.10	4,082.03	-8,588.70	9,446.58	1.25	0.89	0.88	
13,640.00	90.29	303.060	5,328.42	4,130.92	-8,666.62	9,538.57	2.09	-0.29	2.07	
13,732.00	90.27	302.880	5,327.97	4,180.99	-8,743.80	9,630.56	0.20	-0.02	-0.20	
13,825.00	89.60	301.930	5,328.07	4,230.83	-8,822.32	9,723.56	1.25	-0.72	-1.02	
13,917.00	89.80	302.520	5,328.55	4,279.89	-8,900.14	9,815.55	0.68	0.22	0.64	
14,009.00	90.13	302.800	5,328.61	4,329.53	-8,977.60	9,907.55	0.47	0.36	0.30	
14,101.00	89.80	302.220	5,328.67	4,378.98	-9,055.18	9,999.54	0.73	-0.36	-0.63	
14,286.00	89.00	301.420	5,330.60	4,476.51	-9,212.36	10,184.53	0.61	-0.43	-0.43	
14,379.00	88.21	300.250	5,332.87	4,524.17	-9,292.19	10,277.48	1.52	-0.85	-1.26	
14,470.00	89.78	301.920	5,334.46	4,571.14	-9,370.11	10,368.45	2.52	1.73	1.84	
14,562.00	91.77	303.150	5,333.22	4,620.61	-9,447.66	10,460.43	2.54	2.16	1.34	
14,655.00	90.99	301.950	5,330.98	4,670.63	-9,526.02	10,553.40	1.54	-0.84	-1.29	
14,748.00	90.68	301.630	5,329.62	4,719.62	-9,605.06	10,646.38	0.48	-0.33	-0.34	
14,841.00	90.01	301.150	5,329.06	4,768.06	-9,684.45	10,739.38	0.89	-0.72	-0.52	
14,933.00	90.99	302.640	5,328.26	4,816.67	-9,762.55	10,831.37	1.94	1.07	1.62	
15,026.00	90.47	302.460	5,327.08	4,866.70	-9,840.94	10,924.36	0.59	-0.56	-0.19	
15,118.00	89.96	302.040	5,326.73	4,915.79	-9,918.75	11,016.36	0.72	-0.55	-0.46	
15,211.00	91.17	303.160	5,325.81	4,965.89	-9,997.09	11,109.34	1.77	1.30	1.20	
15,303.00	90.69	302.370	5,324.32	5,015.67	-10,074.44	11,201.32	1.00	-0.52	-0.86	
15,395.00	89.72	300.490	5,323.99	5,063.65	-10,152.94	11,293.31	2.30	-1.05	-2.04	
15,488.00	91.62	302.100	5,322.90	5,111.95	-10,232.39	11,386.29	2.68	2.04	1.73	



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Nageezi Unit 216H
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 216H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	MWD surveys	Database:	DT_Jul1724_v17

Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
15,580.00	90.81	300.950	5,320.95	5,160.04	-10,310.80	11,478.26	1.53	-0.88	-1.25	
15,673.00	90.66	300.950	5,319.76	5,207.86	-10,390.55	11,571.24	0.16	-0.16	0.00	
15,765.00	89.10	298.690	5,319.95	5,253.61	-10,470.36	11,663.16	2.98	-1.70	-2.46	
15,857.00	89.34	301.540	5,321.21	5,299.76	-10,549.92	11,755.10	3.11	0.26	3.10	
15,949.00	89.75	302.940	5,321.94	5,348.84	-10,627.73	11,847.09	1.59	0.45	1.52	
16,042.00	89.85	304.250	5,322.26	5,400.29	-10,705.20	11,940.05	1.41	0.11	1.41	
16,132.00	91.16	302.920	5,321.47	5,450.07	-10,780.17	12,030.01	2.07	1.46	-1.48	
16,227.00	90.83	303.000	5,319.82	5,501.75	-10,859.87	12,124.98	0.36	-0.35	0.08	
16,319.00	90.46	302.410	5,318.78	5,551.46	-10,937.28	12,216.97	0.76	-0.40	-0.64	
16,412.00	89.51	301.810	5,318.81	5,600.89	-11,016.05	12,309.97	1.21	-1.02	-0.65	
Survey @ 16412.00 MD 5318.81 TVD										
16,495.30	89.51	301.810	5,319.52	5,644.80	-11,086.83	12,393.26	0.00	0.00	0.00	
LTP @ 16495.30 MD 5319.52 TVD										
16,514.00	89.51	301.810	5,319.68	5,654.65	-11,102.72	12,411.96	0.00	0.00	0.00	
330 ppd @ 16514.00 MD 5319.68 TVD										
16,540.00	89.51	301.810	5,319.90	5,668.36	-11,124.82	12,437.96	0.00	0.00	0.00	
Survey proj. to 16540 MD 5319.90 TVD 455 FNL 151 FWL										

Design Annotations					
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment	
		+N/-S (ft)	+E/-W (ft)		
485.00	484.96	-0.14	5.29	MWD surveys	
5,757.95	5,237.50	-24.08	-1,978.96	FTP @ 5757.95 MD 5237.50 TVD	
5,985.60	5,279.01	86.71	-2,172.48	9 5/8" Casing @ 5985.60 MD 5279.01 TVD	
16,412.00	5,318.81	5,600.89	-11,016.05	Survey @ 16412.00 MD 5318.81 TVD	
16,495.30	5,319.52	5,644.80	-11,086.83	LTP @ 16495.30 MD 5319.52 TVD	
16,514.00	5,319.68	5,654.65	-11,102.72	330 ppd @ 16514.00 MD 5319.68 TVD	
16,540.00	5,319.90	5,668.36	-11,124.82	Survey proj. to 16540 MD 5319.90 TVD 455 FNL 151 FWL	



Survey Report - Geographic



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Nageezi Unit 216H
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 216H	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 216H, Surf loc: 1742 FSL 769 FWL Section 26-T24N-R09W					
Well Position	+N/-S	0.00 ft	Northing:	1,922,223.71 usft	Latitude:	36.28274000
	+E/-W	0.00 ft	Easting:	2,743,148.30 usft	Longitude:	-107.76528200
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
	IGRF2020	6/16/2024	(°)	(°)	(nT)
			8.494	62.722	49,030.02867629

Design	MWD surveys				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction	
	(ft)	(ft)	(ft)	(°)	
	0.00	0.00	0.00	302.010	

Survey Program	Date	8/8/2024			
From	To	Survey (Wellbore)	Tool Name	Description	
(ft)	(ft)				
485.00	5,933.00	MWD int (Original Hole)	MWD	OWSG MWD - Standard	
6,048.00	16,412.00	MWD (Original Hole)	MWD	OWSG MWD - Standard	
16,540.00	16,540.00	Projection (Original Hole)	MWD	OWSG MWD - Standard	

Survey										
Measured	Vertical	Map	Map	Latitude	Longitude					
Depth	Depth	Northing	Easting			+N/-S	+E/-W	Inclination	Azimuth	Longitude
(ft)	(ft)	(usft)	(usft)	(°)	(°)	(ft)	(ft)	(°)	(°)	(°)
0.00	0.00	1,922,223.71	2,743,148.30	36.28274000	-107.76528200	0.00	0.00	0.00	0.000	
485.00	1.25	1,922,223.56	2,743,153.59	36.28273960	-107.76526406	-0.14	5.29	91.530	91.530	
MWD surveys										
574.00	0.40	1,922,223.77	2,743,154.35	36.28274016	-107.76526147	0.06	6.05	317.980	317.980	
664.00	0.44	1,922,224.32	2,743,154.00	36.28274168	-107.76526265	0.61	5.70	336.780	336.780	
753.00	0.44	1,922,224.96	2,743,153.97	36.28274344	-107.76526275	1.25	5.67	17.630	17.630	
842.00	0.46	1,922,225.64	2,743,154.13	36.28274530	-107.76526223	1.93	5.83	8.270	8.270	
932.00	0.19	1,922,226.14	2,743,154.23	36.28274667	-107.76526188	2.43	5.93	19.300	19.300	
1,022.00	2.26	1,922,226.34	2,743,152.50	36.28274722	-107.76526773	2.63	4.20	271.840	271.840	
1,113.00	7.18	1,922,226.52	2,743,145.02	36.28274774	-107.76529312	2.82	-3.28	271.300	271.300	



Survey Report - Geographic



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Nageezi Unit 216H
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 216H	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	
1,209.00	10.21	263.300	1,207.48	1.96	-17.73	1,922,225.67	2,743,130.57	36.28274542	-107.76534216	
1,302.00	11.60	264.180	1,298.79	0.05	-35.22	1,922,223.76	2,743,113.08	36.28274021	-107.76540150	
1,397.00	12.15	260.950	1,391.76	-2.49	-54.59	1,922,221.21	2,743,093.70	36.28273326	-107.76546725	
1,489.00	14.57	262.170	1,481.27	-5.59	-75.62	1,922,218.11	2,743,072.68	36.28272479	-107.76553860	
1,582.00	17.60	261.770	1,570.61	-9.20	-101.13	1,922,214.51	2,743,047.17	36.28271493	-107.76562517	
1,673.00	20.91	264.680	1,656.51	-12.67	-130.93	1,922,211.03	2,743,017.37	36.28270544	-107.76572626	
1,765.00	22.61	263.840	1,741.96	-16.09	-164.86	1,922,207.61	2,742,983.44	36.28269610	-107.76584140	
1,856.00	23.08	263.680	1,825.82	-19.94	-199.98	1,922,203.77	2,742,948.32	36.28268562	-107.76596057	
1,949.00	24.26	264.740	1,910.99	-23.69	-237.12	1,922,200.01	2,742,911.18	36.28267537	-107.76608661	
2,039.00	25.61	263.220	1,992.60	-27.69	-274.85	1,922,196.02	2,742,873.45	36.28266448	-107.76621463	
2,128.00	25.09	260.810	2,073.03	-32.97	-312.58	1,922,190.74	2,742,835.72	36.28265003	-107.76634266	
2,218.00	25.39	265.570	2,154.45	-37.51	-350.66	1,922,186.20	2,742,797.64	36.28263763	-107.76647187	
2,307.00	25.61	269.130	2,234.79	-39.27	-388.92	1,922,184.43	2,742,759.38	36.28263286	-107.76660168	
2,397.00	24.96	268.200	2,316.16	-40.17	-427.35	1,922,183.54	2,742,720.95	36.28263048	-107.76673207	
2,486.00	23.78	267.150	2,397.23	-41.65	-464.04	1,922,182.06	2,742,684.26	36.28262648	-107.76685657	
2,576.00	26.00	266.710	2,478.87	-43.68	-501.86	1,922,180.02	2,742,646.44	36.28262096	-107.76698490	
2,665.00	25.75	265.920	2,558.94	-46.18	-540.62	1,922,177.53	2,742,607.68	36.28261418	-107.76711641	
2,755.00	25.60	264.580	2,640.06	-49.41	-579.48	1,922,174.30	2,742,568.82	36.28260538	-107.76724826	
2,844.00	26.01	265.060	2,720.18	-52.90	-618.06	1,922,170.80	2,742,530.24	36.28259585	-107.76737919	
2,934.00	25.79	264.500	2,801.14	-56.48	-657.21	1,922,167.23	2,742,491.09	36.28258610	-107.76751202	
3,023.00	25.34	266.290	2,881.43	-59.57	-695.49	1,922,164.14	2,742,452.81	36.28257769	-107.76764191	
3,113.00	23.32	264.760	2,963.44	-62.44	-732.45	1,922,161.27	2,742,415.85	36.28256986	-107.76776732	
3,202.00	24.09	264.220	3,044.93	-65.88	-768.07	1,922,157.83	2,742,380.23	36.28256049	-107.76788817	
3,292.00	28.28	266.400	3,125.67	-69.07	-807.64	1,922,154.64	2,742,340.66	36.28255180	-107.76802244	
3,381.00	26.02	264.610	3,204.86	-72.23	-848.12	1,922,151.48	2,742,300.18	36.28254320	-107.76815980	
3,470.00	26.42	266.520	3,284.71	-75.26	-887.32	1,922,148.45	2,742,260.98	36.28253493	-107.76829281	
3,560.00	25.04	265.350	3,365.78	-78.02	-926.29	1,922,145.69	2,742,222.01	36.28252742	-107.76842505	
3,650.00	25.97	264.170	3,447.01	-81.57	-964.88	1,922,142.14	2,742,183.42	36.28251775	-107.76855598	
3,739.00	25.22	263.310	3,527.28	-85.75	-1,003.10	1,922,137.95	2,742,145.20	36.28250632	-107.76868566	
3,828.00	26.07	267.320	3,607.52	-88.88	-1,041.47	1,922,134.83	2,742,106.83	36.28249781	-107.76881586	
3,918.00	28.01	269.210	3,687.67	-90.09	-1,082.36	1,922,133.61	2,742,065.94	36.28249454	-107.76895460	
4,008.00	26.01	266.860	3,767.86	-91.47	-1,123.20	1,922,132.24	2,742,025.10	36.28249084	-107.76909317	
4,097.00	25.24	265.500	3,848.10	-94.02	-1,161.60	1,922,129.68	2,741,986.70	36.28248389	-107.76922348	
4,186.00	24.91	265.220	3,928.72	-97.08	-1,199.20	1,922,126.63	2,741,949.10	36.28247557	-107.76935104	
4,276.00	24.14	263.450	4,010.60	-100.75	-1,236.37	1,922,122.95	2,741,911.93	36.28246554	-107.76947717	
4,366.00	26.23	265.290	4,092.04	-104.49	-1,274.48	1,922,119.22	2,741,873.82	36.28245535	-107.76960649	
4,455.00	27.89	266.040	4,171.29	-107.54	-1,314.85	1,922,116.17	2,741,833.45	36.28244704	-107.76974347	
4,545.00	24.85	263.640	4,251.92	-111.09	-1,354.66	1,922,112.62	2,741,793.65	36.28243736	-107.76987853	
4,635.00	24.94	263.090	4,333.56	-115.47	-1,392.29	1,922,108.24	2,741,756.01	36.28242540	-107.77000623	
4,725.00	24.67	263.410	4,415.25	-119.91	-1,429.78	1,922,103.80	2,741,718.52	36.28241327	-107.77013346	
4,814.00	21.92	261.860	4,496.99	-124.39	-1,464.69	1,922,099.32	2,741,683.61	36.28240102	-107.77025189	
4,904.00	23.89	262.640	4,579.89	-129.10	-1,499.39	1,922,094.60	2,741,648.91	36.28238813	-107.77036966	
4,993.00	24.65	262.420	4,661.02	-133.86	-1,535.67	1,922,089.85	2,741,612.64	36.28237513	-107.77049274	
5,083.00	27.52	266.000	4,741.85	-137.79	-1,575.02	1,922,085.92	2,741,573.28	36.28236441	-107.77062628	
5,172.00	26.90	269.880	4,821.01	-139.26	-1,615.67	1,922,084.44	2,741,532.63	36.28236043	-107.77076420	
5,217.00	26.13	275.030	4,861.28	-138.42	-1,635.73	1,922,085.29	2,741,512.58	36.28236279	-107.77083224	
5,262.00	23.09	274.320	4,902.19	-136.88	-1,654.40	1,922,086.82	2,741,493.90	36.28236704	-107.77089560	
5,306.00	26.23	275.410	4,942.17	-135.32	-1,672.69	1,922,088.39	2,741,475.61	36.28237137	-107.77095765	
5,352.00	30.54	276.710	4,982.63	-132.99	-1,694.43	1,922,090.71	2,741,453.88	36.28237780	-107.77103140	
5,396.00	35.18	280.440	5,019.59	-129.39	-1,718.01	1,922,094.32	2,741,430.29	36.28238775	-107.77111141	
5,441.00	39.33	284.170	5,055.40	-123.54	-1,744.60	1,922,100.16	2,741,403.70	36.28240384	-107.77120161	
5,486.00	43.92	287.420	5,089.03	-115.37	-1,773.34	1,922,108.33	2,741,374.97	36.28242633	-107.77129909	
5,531.00	48.38	290.430	5,120.20	-104.82	-1,804.01	1,922,118.88	2,741,344.29	36.28245537	-107.77140314	
5,575.00	52.62	292.990	5,148.19	-92.25	-1,835.53	1,922,131.46	2,741,312.77	36.28248997	-107.77151007	
5,620.00	56.06	294.240	5,174.42	-77.60	-1,869.02	1,922,146.11	2,741,279.28	36.28253028	-107.77162367	



Survey Report - Geographic



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Site:	Nageezi Unit (213, 214, 215, 216, 217 & 218)	MD Reference:	RKB=6826+23.5 @ 6849.50ft (Ensign 140)
Well:	Nageezi Unit 216H	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	
5,665.00	59.85	295.620	5,198.29	-61.51	-1,903.60	1,922,162.19	2,741,244.70	36.28257452	-107.77174096	
5,709.00	64.84	296.490	5,218.71	-44.39	-1,938.60	1,922,179.31	2,741,209.71	36.28262161	-107.77185967	
5,754.00	69.58	296.910	5,236.13	-25.76	-1,975.65	1,922,197.95	2,741,172.65	36.28267287	-107.77198534	
5,757.95	69.99	296.951	5,237.50	-24.08	-1,978.96	1,922,199.63	2,741,169.35	36.28267749	-107.77199655	
FTP @ 5757.95 MD 5237.50 TVD										
5,798.00	74.19	297.360	5,249.81	-6.69	-2,012.85	1,922,217.02	2,741,135.45	36.28272532	-107.77211153	
5,843.00	78.08	299.960	5,260.59	14.27	-2,051.17	1,922,237.97	2,741,097.13	36.28278295	-107.77224151	
5,888.00	81.43	301.260	5,268.60	36.81	-2,089.28	1,922,260.52	2,741,059.02	36.28284496	-107.77237075	
5,933.00	84.10	301.530	5,274.26	60.07	-2,127.38	1,922,283.77	2,741,020.92	36.28290890	-107.77249998	
5,985.60	85.54	299.614	5,279.01	86.71	-2,172.48	1,922,310.42	2,740,975.82	36.28298216	-107.77265294	
9 5/8" Casing @ 5985.60 MD 5279.01 TVD										
6,048.00	87.25	297.350	5,282.94	116.40	-2,227.22	1,922,340.11	2,740,921.09	36.28306383	-107.77283859	
6,136.00	87.32	297.940	5,287.11	157.19	-2,305.08	1,922,380.89	2,740,843.22	36.28317600	-107.77310270	
6,224.00	86.29	301.390	5,292.01	200.67	-2,381.42	1,922,424.37	2,740,766.89	36.28329557	-107.77336161	
6,312.00	89.66	303.350	5,295.12	247.74	-2,455.68	1,922,471.45	2,740,692.62	36.28342502	-107.77361349	
6,400.00	89.94	303.760	5,295.43	296.38	-2,529.02	1,922,520.09	2,740,619.29	36.28355876	-107.77386221	
6,487.00	89.83	303.500	5,295.61	344.57	-2,601.45	1,922,568.27	2,740,546.85	36.28369124	-107.77410790	
6,575.00	89.70	303.370	5,295.97	393.05	-2,674.89	1,922,616.76	2,740,473.41	36.28382456	-107.77435696	
6,662.00	89.33	303.560	5,296.70	441.03	-2,747.47	1,922,664.73	2,740,400.84	36.28395647	-107.77460311	
6,749.00	88.78	302.840	5,298.14	488.66	-2,820.25	1,922,712.36	2,740,328.05	36.28408743	-107.77484998	
6,836.00	89.13	303.390	5,299.72	536.18	-2,893.11	1,922,759.88	2,740,255.20	36.28421810	-107.77509708	
6,924.00	87.82	301.650	5,302.07	583.47	-2,967.28	1,922,807.17	2,740,181.02	36.28434813	-107.77534865	
7,011.00	90.82	302.780	5,303.10	629.84	-3,040.87	1,922,853.54	2,740,107.43	36.28447563	-107.77559825	
7,099.00	91.09	302.800	5,301.63	677.49	-3,114.84	1,922,901.19	2,740,033.47	36.28460665	-107.77584913	
7,187.00	89.36	299.590	5,301.29	723.06	-3,190.10	1,922,946.77	2,739,958.20	36.28473196	-107.77610441	
7,275.00	87.00	296.890	5,304.08	764.67	-3,267.58	1,922,988.38	2,739,880.73	36.28484640	-107.77636719	
7,362.00	90.45	299.930	5,306.02	806.05	-3,344.06	1,923,029.75	2,739,804.25	36.28496017	-107.77662662	
7,450.00	91.07	302.030	5,304.85	851.34	-3,419.49	1,923,075.04	2,739,728.81	36.28508471	-107.77688248	
7,538.00	91.98	302.390	5,302.51	898.22	-3,493.92	1,923,121.93	2,739,654.38	36.28521363	-107.77713494	
7,624.00	91.86	303.760	5,299.63	945.13	-3,565.95	1,923,168.83	2,739,582.36	36.28534260	-107.77737922	
7,712.00	89.62	302.890	5,298.49	993.47	-3,639.46	1,923,217.17	2,739,508.84	36.28547551	-107.77762858	
7,800.00	89.70	303.090	5,299.01	1,041.38	-3,713.27	1,923,265.09	2,739,435.03	36.28560725	-107.77787893	
7,888.00	89.74	302.300	5,299.44	1,088.92	-3,787.33	1,923,312.62	2,739,360.98	36.28573794	-107.77813011	
7,976.00	89.41	301.880	5,300.10	1,135.67	-3,861.88	1,923,359.37	2,739,286.42	36.28586648	-107.77838298	
8,064.00	89.67	302.100	5,300.80	1,182.28	-3,936.52	1,923,405.99	2,739,211.79	36.28599466	-107.77863613	
8,151.00	89.42	300.760	5,301.49	1,227.65	-4,010.75	1,923,451.35	2,739,137.56	36.28611939	-107.77888792	
8,239.00	89.50	299.600	5,302.32	1,271.88	-4,086.81	1,923,495.59	2,739,061.49	36.28624103	-107.77914594	
8,326.00	90.35	303.300	5,302.44	1,317.27	-4,161.02	1,923,540.97	2,738,987.29	36.28636581	-107.77939764	
8,414.00	90.67	302.930	5,301.65	1,365.34	-4,234.72	1,923,589.05	2,738,913.58	36.28649799	-107.77964763	
8,500.00	90.62	302.220	5,300.68	1,411.64	-4,307.19	1,923,635.35	2,738,841.12	36.28662529	-107.77989343	
8,588.00	90.26	300.790	5,300.01	1,457.63	-4,382.21	1,923,681.33	2,738,766.09	36.28675172	-107.78014791	
8,675.00	90.65	300.570	5,299.32	1,502.02	-4,457.03	1,923,725.72	2,738,691.27	36.28687377	-107.78040170	
8,763.00	90.61	300.500	5,298.35	1,546.72	-4,532.82	1,923,770.43	2,738,615.48	36.28699670	-107.78065879	
8,851.00	90.02	302.260	5,297.87	1,592.54	-4,607.95	1,923,816.25	2,738,540.36	36.28712268	-107.78091361	
8,939.00	90.80	303.840	5,297.24	1,640.53	-4,681.71	1,923,864.23	2,738,466.60	36.28725462	-107.78116379	
9,026.00	89.27	302.890	5,297.18	1,688.38	-4,754.36	1,923,912.08	2,738,393.95	36.28738616	-107.78141024	
9,114.00	88.84	302.210	5,298.64	1,735.72	-4,828.53	1,923,959.42	2,738,319.78	36.28751632	-107.78166182	
9,202.00	90.78	304.200	5,298.93	1,783.91	-4,902.15	1,924,007.61	2,738,246.16	36.28764880	-107.78191155	
9,290.00	87.51	303.720	5,300.24	1,833.05	-4,975.12	1,924,056.75	2,738,173.18	36.28778391	-107.78215906	
9,377.00	87.15	302.920	5,304.29	1,880.79	-5,047.74	1,924,104.49	2,738,100.57	36.28791516	-107.78240538	
9,465.00	89.26	303.490	5,307.05	1,928.95	-5,121.33	1,924,152.66	2,738,026.98	36.28804758	-107.78265500	
9,553.00	88.80	301.650	5,308.54	1,976.32	-5,195.48	1,924,200.02	2,737,952.83	36.28817779	-107.78290651	
9,641.00	88.51	301.210	5,310.60	2,022.19	-5,270.55	1,924,245.90	2,737,877.76	36.28830392	-107.78316115	
9,729.00	88.22	300.600	5,313.12	2,067.37	-5,346.02	1,924,291.08	2,737,802.29	36.28842814	-107.78341717	
9,817.00	90.74	303.340	5,313.91	2,113.96	-5,420.66	1,924,337.66	2,737,727.65	36.28855622	-107.78367034	



Survey Report - Geographic



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Nageezi Unit 216H
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 216H	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	
9,904.00	90.54	302.030	5,312.94	2,160.94	-5,493.88	1,924,384.64	2,737,654.43	36.28868537	-107.78391871	
9,992.00	90.19	301.270	5,312.38	2,207.11	-5,568.79	1,924,430.81	2,737,579.52	36.28881232	-107.78417281	
10,080.00	90.39	301.120	5,311.94	2,252.69	-5,644.06	1,924,476.39	2,737,504.25	36.28893763	-107.78442816	
10,167.00	89.89	300.150	5,311.72	2,297.02	-5,718.92	1,924,520.72	2,737,429.39	36.28905952	-107.78468208	
10,254.00	89.37	299.330	5,312.29	2,340.18	-5,794.46	1,924,563.88	2,737,353.86	36.28917817	-107.78493833	
10,342.00	89.87	299.980	5,312.87	2,383.72	-5,870.93	1,924,607.42	2,737,277.38	36.28929788	-107.78519774	
10,430.00	89.60	302.700	5,313.28	2,429.48	-5,946.08	1,924,653.18	2,737,202.23	36.28942370	-107.78545267	
10,518.00	89.47	301.640	5,313.99	2,476.33	-6,020.57	1,924,700.03	2,737,127.75	36.28955251	-107.78570534	
10,605.00	89.24	301.360	5,314.97	2,521.79	-6,094.74	1,924,745.49	2,737,053.57	36.28967748	-107.78595696	
10,693.00	92.24	304.170	5,313.83	2,569.40	-6,168.72	1,924,793.10	2,736,979.59	36.28980836	-107.78620791	
10,779.00	92.24	303.590	5,310.47	2,617.30	-6,240.06	1,924,841.00	2,736,908.25	36.28994005	-107.78644991	
10,867.00	91.06	304.350	5,307.94	2,666.45	-6,313.01	1,924,890.15	2,736,835.30	36.29007517	-107.78669737	
10,954.00	91.02	303.950	5,306.36	2,715.28	-6,385.00	1,924,938.98	2,736,763.32	36.29020940	-107.78694156	
11,042.00	89.23	303.930	5,306.17	2,764.41	-6,458.00	1,924,988.11	2,736,690.31	36.29034446	-107.78718920	
11,129.00	89.17	303.660	5,307.38	2,812.80	-6,530.29	1,925,036.50	2,736,618.02	36.29047748	-107.78743443	
11,216.00	89.36	303.910	5,308.50	2,861.17	-6,602.59	1,925,084.87	2,736,545.72	36.29061046	-107.78767970	
11,304.00	89.30	303.410	5,309.53	2,909.95	-6,675.84	1,925,133.65	2,736,472.48	36.29074453	-107.78792815	
11,392.00	88.62	302.750	5,311.12	2,957.97	-6,749.56	1,925,181.67	2,736,398.75	36.29087655	-107.78817824	
11,479.00	88.47	302.380	5,313.33	3,004.78	-6,822.86	1,925,228.48	2,736,325.46	36.29100524	-107.78842689	
11,567.00	88.02	301.600	5,316.03	3,051.38	-6,897.46	1,925,275.08	2,736,250.86	36.29113334	-107.78867996	
11,655.00	86.80	300.480	5,320.00	3,096.71	-6,972.78	1,925,320.41	2,736,175.54	36.29125795	-107.78893547	
11,742.00	89.92	300.460	5,322.49	3,140.80	-7,047.72	1,925,364.50	2,736,100.59	36.29137918	-107.78918971	
11,829.00	88.39	298.760	5,323.78	3,183.78	-7,123.35	1,925,407.48	2,736,024.97	36.29149733	-107.78944626	
11,917.00	89.22	300.540	5,325.61	3,227.30	-7,199.80	1,925,451.00	2,735,948.51	36.29161699	-107.78970564	
12,007.00	90.76	301.410	5,325.63	3,273.62	-7,276.97	1,925,497.32	2,735,871.35	36.29174432	-107.78996741	
12,095.00	90.92	301.430	5,324.34	3,319.49	-7,352.05	1,925,543.19	2,735,796.26	36.29187042	-107.79022214	
12,183.00	90.65	301.060	5,323.13	3,365.13	-7,427.28	1,925,588.83	2,735,721.03	36.29199589	-107.79047735	
12,272.00	89.98	301.910	5,322.64	3,411.61	-7,503.18	1,925,635.31	2,735,645.14	36.29212367	-107.79073482	
12,359.00	89.35	302.190	5,323.15	3,457.78	-7,576.92	1,925,681.48	2,735,571.40	36.29225058	-107.79098497	
12,447.00	89.44	301.870	5,324.08	3,504.45	-7,651.52	1,925,728.15	2,735,496.80	36.29237887	-107.79123804	
12,535.00	88.49	300.920	5,325.67	3,550.28	-7,726.62	1,925,773.98	2,735,421.70	36.29250487	-107.79149283	
12,623.00	88.96	301.840	5,327.63	3,596.09	-7,801.73	1,925,819.79	2,735,346.59	36.29263080	-107.79174763	
12,717.00	90.31	303.250	5,328.23	3,646.66	-7,880.96	1,925,870.36	2,735,267.35	36.29276980	-107.79201643	
12,809.00	90.50	302.760	5,327.58	3,696.77	-7,958.11	1,925,920.47	2,735,190.20	36.29290755	-107.79227816	
12,901.00	89.94	302.120	5,327.22	3,746.12	-8,035.75	1,925,969.82	2,735,112.56	36.29304321	-107.79254156	
12,993.00	89.82	301.390	5,327.42	3,794.54	-8,113.98	1,926,018.24	2,735,034.33	36.29317630	-107.79280695	
13,086.00	89.49	301.280	5,327.98	3,842.90	-8,193.41	1,926,066.60	2,734,954.90	36.29330925	-107.79307643	
13,178.00	90.19	301.920	5,328.23	3,891.11	-8,271.77	1,926,114.80	2,734,876.54	36.29344176	-107.79334226	
13,271.00	89.38	301.100	5,328.58	3,939.71	-8,351.06	1,926,163.41	2,734,797.26	36.29357538	-107.79361124	
13,363.00	89.97	301.270	5,329.10	3,987.35	-8,429.76	1,926,211.05	2,734,718.55	36.29370632	-107.79387826	
13,456.00	89.74	300.350	5,329.34	4,034.98	-8,509.64	1,926,258.68	2,734,638.68	36.29383726	-107.79414924	
13,548.00	90.56	301.160	5,329.10	4,082.03	-8,588.70	1,926,305.72	2,734,559.62	36.29396659	-107.79441746	
13,640.00	90.29	303.060	5,328.42	4,130.92	-8,666.62	1,926,354.62	2,734,481.70	36.29410100	-107.79468181	
13,732.00	90.27	302.880	5,327.97	4,180.99	-8,743.80	1,926,404.69	2,734,404.52	36.29423862	-107.79494366	
13,825.00	89.60	301.930	5,328.07	4,230.83	-8,822.32	1,926,454.53	2,734,326.00	36.29437561	-107.79521003	
13,917.00	89.80	302.520	5,328.55	4,279.89	-8,900.14	1,926,503.58	2,734,248.17	36.29451046	-107.79547407	
14,009.00	90.13	302.800	5,328.61	4,329.53	-8,977.60	1,926,553.23	2,734,170.72	36.29464693	-107.79573684	
14,101.00	89.80	302.220	5,328.67	4,378.98	-9,055.18	1,926,602.68	2,734,093.14	36.29478284	-107.79600005	
14,286.00	89.00	301.420	5,330.60	4,476.51	-9,212.36	1,926,700.21	2,733,935.95	36.29505094	-107.79653333	
14,379.00	88.21	300.250	5,332.87	4,524.17	-9,292.19	1,926,747.86	2,733,856.12	36.29518193	-107.79680416	
14,470.00	89.78	301.920	5,334.46	4,571.14	-9,370.11	1,926,794.84	2,733,778.21	36.29531105	-107.79706851	
14,562.00	91.77	303.150	5,333.22	4,620.61	-9,447.66	1,926,844.31	2,733,700.66	36.29544702	-107.79733161	
14,655.00	90.99	301.950	5,330.98	4,670.63	-9,526.02	1,926,894.33	2,733,622.29	36.29558452	-107.79759749	
14,748.00	90.68	301.630	5,329.62	4,719.62	-9,605.06	1,926,943.32	2,733,543.25	36.29571917	-107.79786565	
14,841.00	90.01	301.150	5,329.06	4,768.06	-9,684.45	1,926,991.76	2,733,463.87	36.29585231	-107.79813499	



Survey Report - Geographic



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Nageezi Unit 216H
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 216H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	MWD surveys	Database:	DT_Jul1724_v17

Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude	
14,933.00	90.99	302.640	5,328.26	4,816.67	-9,762.55	1,927,040.36	2,733,385.76	36.29598591	-107.79839997	
15,026.00	90.47	302.460	5,327.08	4,866.70	-9,840.94	1,927,090.39	2,733,307.38	36.29612343	-107.79866591	
15,118.00	89.96	302.040	5,326.73	4,915.79	-9,918.75	1,927,139.49	2,733,229.57	36.29625837	-107.79892989	
15,211.00	91.17	303.160	5,325.81	4,965.89	-9,997.09	1,927,189.59	2,733,151.23	36.29639607	-107.79919569	
15,303.00	90.69	302.370	5,324.32	5,015.67	-10,074.44	1,927,239.37	2,733,073.88	36.29653290	-107.79945812	
15,395.00	89.72	300.490	5,323.99	5,063.65	-10,152.94	1,927,287.34	2,732,995.38	36.29666476	-107.79972445	
15,488.00	91.62	302.100	5,322.90	5,111.95	-10,232.39	1,927,335.64	2,732,915.93	36.29679752	-107.79999404	
15,580.00	90.81	300.950	5,320.95	5,160.04	-10,310.80	1,927,383.73	2,732,837.52	36.29692970	-107.80026004	
15,673.00	90.66	300.950	5,319.76	5,207.86	-10,390.55	1,927,431.56	2,732,757.77	36.29706116	-107.80053063	
15,765.00	89.10	298.690	5,319.95	5,253.61	-10,470.36	1,927,477.30	2,732,677.96	36.29718689	-107.80080142	
15,857.00	89.34	301.540	5,321.21	5,299.76	-10,549.92	1,927,523.45	2,732,598.40	36.29731375	-107.80107138	
15,949.00	89.75	302.940	5,321.94	5,348.84	-10,627.73	1,927,572.53	2,732,520.59	36.29744863	-107.80133539	
16,042.00	89.85	304.250	5,322.26	5,400.29	-10,705.20	1,927,623.99	2,732,443.12	36.29759006	-107.80159821	
16,132.00	91.16	302.920	5,321.47	5,450.07	-10,780.17	1,927,673.77	2,732,368.15	36.29772688	-107.80185257	
16,227.00	90.83	303.000	5,319.82	5,501.75	-10,859.87	1,927,725.45	2,732,288.45	36.29786891	-107.80212298	
16,319.00	90.46	302.410	5,318.78	5,551.46	-10,937.28	1,927,775.15	2,732,211.05	36.29800552	-107.80238562	
16,412.00	89.51	301.810	5,318.81	5,600.89	-11,016.05	1,927,824.58	2,732,132.27	36.29814138	-107.80265289	
Survey @ 16412.00 MD 5318.81 TVD										
16,495.30	89.51	301.810	5,319.52	5,644.80	-11,086.83	1,927,868.49	2,732,061.49	36.29826206	-107.80289306	
LTP @ 16495.30 MD 5319.52 TVD										
16,514.00	89.51	301.810	5,319.68	5,654.65	-11,102.72	1,927,878.35	2,732,045.60	36.29828915	-107.80294698	
330 ppd @ 16514.00 MD 5319.68 TVD										
16,540.00	89.51	301.810	5,319.90	5,668.36	-11,124.82	1,927,892.05	2,732,023.50	36.29832681	-107.80302195	
Survey proj. to 16540 MD 5319.90 TVD 455 FNL 151 FWL										

Design Annotations					
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment	
		+N/-S (ft)	+E/-W (ft)		
485.00	484.96	-0.14	5.29	MWD surveys	
5,757.95	5,237.50	-24.08	-1,978.96	FTP @ 5757.95 MD 5237.50 TVD	
5,985.60	5,279.01	86.71	-2,172.48	9 5/8" Casing @ 5985.60 MD 5279.01 TVD	
16,412.00	5,318.81	5,600.89	-11,016.05	Survey @ 16412.00 MD 5318.81 TVD	
16,495.30	5,319.52	5,644.80	-11,086.83	LTP @ 16495.30 MD 5319.52 TVD	
16,514.00	5,319.68	5,654.65	-11,102.72	330 ppd @ 16514.00 MD 5319.68 TVD	
16,540.00	5,319.90	5,668.36	-11,124.82	Survey proj. to 16540 MD 5319.90 TVD 455 FNL 151 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 389600

ACKNOWLEDGMENTS

Operator: DJR OPERATING, LLC 200 Energy Court Farmington, NM 87401	OGRID: 371838
	Action Number: 389600
	Action Type: [C-104] Completion Packet - Test Allowable (C-104RT)

ACKNOWLEDGMENTS

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

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

CONDITIONS

Action 389600

CONDITIONS

Operator: DJR OPERATING, LLC 200 Energy Court Farmington, NM 87401	OGRID: 371838
	Action Number: 389600
	Action Type: [C-104] Completion Packet - Test Allowable (C-104RT)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	RT EXPIRES 1/3/2025.	10/3/2024