U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

Sundry Print Report

02/28/2024

Well Name: NAGEEZI UNIT

Well Location: T24N / R9W / SEC 26 / NWSW /

County or Parish/State:

Well Number: 215H

Type of Well: OIL WELL

Allottee or Tribe Name: EASTERN NAVAJO

Lease Number: N0G14021898

Unit or CA Name:

Unit or CA Number: NMNM132981A

US Well Number: 30-045-38295

Well Status: Approved Application for Permit to Drill

Operator: DJR OPERATING LLC

Notice of Intent

Sundry ID: 2776698

Type of Submission: Notice of Intent

Type of Action: APD Change

Date Sundry Submitted: 02/26/2024

Time Sundry Submitted: 12:28

Date proposed operation will begin: 02/26/2024

Procedure Description: The subject well has been assigned API No: 30-045-38295 and is located in DJRs undivided Nageezi Unit. Original plans were to drill at 6810-ft lateral. DJR is seeking approval to lengthen the lateral to 9793-ft, changing the proposed depth to 5257 / 15632, adjusting the BHL & increasing the dedicated acres from 440 to 600. Attached please find updated C102, revised drilling plan with new casing, cement assumptions, revised directional design and proposed wellbore diagram. Please note, effective December 21, 2023, Enduring Resources, LLC & DJR Operating, LLC are wholly owned subsidiaries of Enduring Resources, LLC. Leases, rights of way, wells, and other property interests will continue to be held in their current entity names.

NOI Attachments

Procedure Description

Hz_Directional_Drilling_Plan_Rev1_20240226122729.pdf

Well Name: NAGEEZI UNIT

Well Location: T24N / R9W / SEC 26 / NWSW /

County or Parish/State:

Well Number: 215H

Type of Well: OIL WELL

Allottee or Tribe Name: EASTERN NAVAJO

Lease Number: N0G14021898

Unit or CA Name:

Unit or CA Number: NMNM132981A

US Well Number:

Well Status: Approved Application for Permit to Drill

Operator: DJR OPERATING LLC

Operator

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: SHAW-MARIE FORD

Signed on: FEB 26, 2024 12:28 PM

Name: DJR OPERATING LLC

Title: Regulatory Specialist

Street Address: 1 ROAD 3263

City: AZTEC **State:** NM

Phone: (505) 632-3476

Email address: SFORD@DJRLLC.COM

Field

Representative Name:

Street Address:

City: **State:** **Zip:**

Phone:

Email address:

BLM Point of Contact

BLM POC Name: KENNETH G RENNICK

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5055647742

BLM POC Email Address: krennick@blm.gov

Disposition: Approved

Disposition Date: 02/26/2024

Signature: Kenneth Rennick

DISTRICT I
1625 N. French Dr., Hobbs, N.M. 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
DISTRICT II
811 S. First St., Artesia, N.M. 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011

Submit one copy to appropriate District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

[1] API Number	[2] Pool Code	[3] Pool Name
30-045-38295	98080	NAGEEZI UNIT MANCOS OIL POOL

[4] Property Code	[5] Property Name	[6] Well Number
325268	NAGEEZI UNIT	215H

[7] OGRID No.	[8] Operator Name	[9] Elevation
371838	DJR OPERATING, LLC	6826'

[10] Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	26	24N	9W		1761'	SOUTH	777'	WEST	SAN JUAN

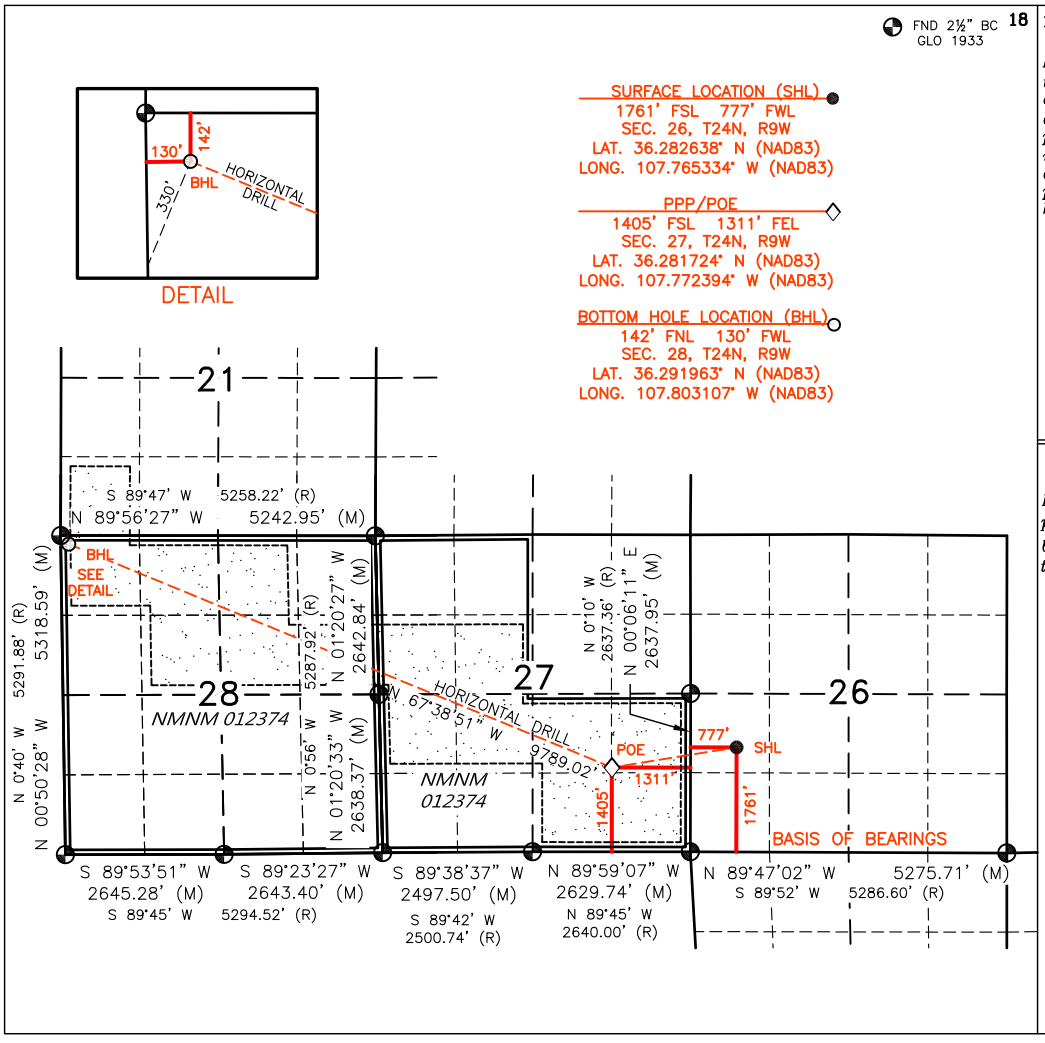
[11] Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	28	24N	9W		142'	NORTH	130'	WEST	SAN JUAN

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
PENETRATED SPACING UNIT; SEC 27: SE/4, NE/SW, NW/SW, SE/NW & SW/NW (320 AC.); SEC 28: SE/NE, SW/NE, NW/NE, SE/NW, NE/NW & NW/NW (240 AC.); SEC 21: SW/SW (40 AC.) = 600 ACRES			R-13856 R-13856A

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

16



[17] OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and 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 such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Shaw-Marie Ford 2/23/24
Signature Date

Shaw-Marie Ford
Printed Name

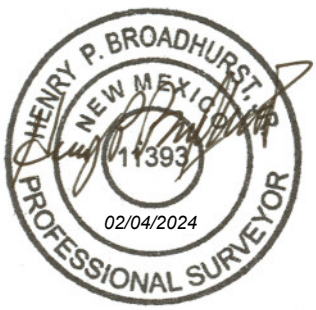
sford@djrllc.com
E-mail Address

SURVEYOR CERTIFICATION

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.

NOVEMBER 9, 2020
Date of Survey

Signature and Seal of Professional Surveyor:



Certificate Number 11393

ENDURING RESOURCES IV, LLC
6300 S SYRACUSE WAY, SUITE 525
CENTENNIAL, COLORADO 80211

DRILLING PLAN: **Drill, complete, and equip single lateral in the Mancos-Gallup formation**

WELL INFORMATION:

Name: **NAGEEZI UNIT 215H**
API Number: 30-045-38295
State: New Mexico
County: San Juan
Surface Elevation: 6,826 ft ASL (GL) 6,851 ft ASL (KB)
Surface Location: 26-24N-9W Sec-Twn-Rng 1,761 ft FSL 777 ft FWL
36.282638 ° N latitude 107.765334 ° W longitude (NAD 83)
BH Location: 22-24-N9W Sec-Twn-Rng 2,276 ft FSL 1,242 ft FWL
36.298614 ° N latitude 107.781502 ° W longitude (NAD 83)
Driving Directions: **FROM THE INTERSECTION OF US HWY 550 & US HWY 64 IN BLOOMFIELD, NM:**
South on US Hwy 550 for 32.5 miles to MM 119.5, Right (SouthWest) on D34 Road for 2.9 miles to fork, Left (East) on lease road for 0.75 miles to P&A location, Thru location (Southeast) on new access for 0.3 miles to Nageezi L26 Pad, There are 6 wells on this location from South to North(NU 217H, NU 218H, NU 215H, NU 213H, NU 216H, NU 214H).

GEOLOGIC AND RESERVOIR INFORMATION:

Prognosis:

Formation Tops	TVD (ft ASL)	TVD (ft KB)	MD (ft KB)	O / G / W	Pressure
Ojo Alamo	6,020	831	831	W	normal
Kirtland	5,895	956	956	W	normal
Fruitland	5,605	1,246	1,247	G, W	sub
Pictured Cliffs	5,260	1,591	1,601	G, W	sub
Lewis	5,150	1,701	1,717	G, W	normal
Chacra	4,851	2,000	2,050	G, W	normal
Cliff House	3,763	3,088	3,273	G, W	sub
Menefee	3,733	3,118	3,306	G, W	normal
Point Lookout	2,809	4,042	4,344	G, W	normal
Mancos	2,620	4,231	4,557	O,G	sub (~0.38)
Gallup (MNCS_A)	2,273	4,578	4,947	O,G	sub (~0.38)
MNCS_B	2,183	4,668	5,048	O,G	sub (~0.38)
MNCS_C	2,078	4,773	5,167	O,G	sub (~0.38)
MNCS_Cms	2,036	4,815	5,214	O,G	sub (~0.38)
MNCS_D	1,914	4,937	5,351	O,G	sub (~0.38)
MNCS_E	1,806	5,045	5,478	O,G	sub (~0.38)
MNCS_F	1,736	5,115	5,571	O,G	sub (~0.38)
MNCS_G	1,657	5,194	5,699	O,G	sub (~0.38)
MNCS_H	1,617	5,234	5,780	O,G	sub (~0.38)
MNCS_I	1,577	5,274	5,896	O,G	sub (~0.38)
FTP TARGET	**1,594**	**5,257**	**5,839**	**O,G**	**sub (~0.38)**
PROJECTED TD	**1,598**	**5,253**	**15,632**	**O,G**	**sub (~0.38)**

Surface: Nacimiento
Oil & Gas Zones: Several gas bearing zones will be encountered; target formation is the Gallup
Pressure: Normal (0.43 psi/ft) or sub-normal pressure gradients anticipated in all formations
Max. pressure gradient: 0.43 psi/ft Evacuated hole gradient: 0.22 psi/ft
Maximum anticipated BH pressure, assuming maximum pressure gradient: **2,270 psi**
Maximum anticipated surface pressure, assuming partially evacuated hole: **1,120 psi**
Temperature: **Maximum anticipated BHT is 125° F or less**

H_2S INFORMATION:

H_2S Zones: Encountering hydrogen-sulfide bearing zones is **NOT** anticipated.

Safety: Sensors and alarms will be placed in the substructure, on the rig floor, above the pits, and at the shakers.

LOGGING, CORING, AND TESTING:

Mud Logs: None planned; remote geo-steering from drill out of 9-5/8" casing to TD; gas detection from drillout of 13-3/8" casing to TD.

MWD / LWD: Gamma Ray from drillout of 13-3/8" casing to TD

Open Hole Logs: None planned

Testing: None planned

Coring: None planned

Cased Hole Logs: CBL on 5-1/2" casing from deepest free-fall depth to surface

DRILLING RIG INFORMATION:

Contractor: Aztec

Rig No.: 1000

Draw Works: E80 AC 1,500 hp

Mast: Hyduke Triple (136 ft, 600,000 lbs, 10 lines)

Top Drive: NOV IDS-350PE (350 ton)

Prime Movers: 4 - GE Jenbacher Natural Gas Generator

Pumps: 2 - RS F-1600 (7,500 psi)

BOPE 1: Cameron single & double gate rams (13-5/8", 3,000 psi)

BOPE 2: Cameron annular (13-5/8", 5,000 psi)

Choke 3", 5,000 psi

KB-GL (ft): 25

Note: Actual drilling rig may vary depending on availability at time the well is scheduled to be drilled.

BOPE REQUIREMENTS:

See attached diagram for details regarding BOPE specifications and configuration.

1) Rig will be equipped with upper and lower kelly cocks with handles available.

2) Inside BOP and TIW valves will be available to use on all sizes and threads of drill pipe used while drilling the well.

2) BOP accumulator will have enough capacity to open the HCR valve, close all rams and annular preventer, and retain minimum of 200 psi above precharge on the closing manifold without the use of closing pumps. The fluid reservoir capacity shall be at least double the usable fluid volume of the accumulator system capacity, and the fluid level shall be maintained at manufacturer's recommendation. There will be two additional sources of power for the closing pumps (electric and air). Sufficient nitrogen bottles will be available and will be recharged when pressure falls below manufacturer's recommended minimum.

3) BOP testing shall be conducted (a) when initially installed, (b) whenever any seal is broken or repaired, (c) if the time since the previous test exceeds 30 days. Tests will be conducted using a test plug. BOP ram preventers will be tested to 3,000 psig for 10 minutes, and the annular preventer will be tested to 1,500 psi for 10 minutes. Ram and annular preventers will be tested to 250 psi for 5 minutes. Additionally, BOP and casing strings will be tested to .22 psi/ft or 1,500 psi, whichever is greater but not exceeding 70% of yield strength of the casing, for 30 minutes, prior to drilling out 13-3/8" and 9-5/8" casing. Rams and hydraulically operated remote choke line valve will be function tested daily at a minimum.

4) Remote valve for BOP rams, HCR, and choke shall be placed in a location that is readily available to the driller. The remote BOP valve shall be capable of closing and opening the rams.

5) Manual locking devices (hand wheels) shall be intalled on rams. A valve will be installed on the annular preventer's closing line as close as possible to the preventer to act as a locking device.The valve will be maintained in the open position and shall only be closed when the there is no power to the accumulator.

FLUIDS AND SOLIDS CONTROL PROGRAM:

Fluid Measurement: Pumps shall be equipped with stroke counters with displays in the dog-house. Slow pump speed shall be recorded daily and after mudding up, at a minimum, on the drilling report. A Pit Volume Totalizer will be installed and the readout will be displayed in the dog-house. Gas-detecting equipment will be installed at the shakers, and readouts will be available in the dog-house and the in the geologist's work-station (if geologist or mud-logger is on-site).

Closed-Loop System: A fully, closed-loop system will be utilized. The system will consist of above-ground piping and above-ground storage tanks and bins. The system will not entail any earthen pits, below-grade storage, or drying pads. All equipment will be disassembled and removed from the site when drilling operations cease. The system will be capable of storing all fluids and generated cuttings and of preventing uncontrolled releases of the same. The system will be operated in an efficient manner to allow the recycling and reuse of as much fluid as possible and to minimimize the amount of fluids and solids that require disposal.

Fluid Disposal: Fluids that cannot be reused, recycled, or returned to the supplier will be hauled to and disposed of at an approved disposal site (Industrial Ecosystem, Inc. or Envirotech, Inc.).

Solids Disposal: Drilling solids will be stored (until haul-off) on-site in separate containers with no other waste, debris, or garbage products. Waste solids will be hauled to and disposed of at an approved disposal site (Industrial Ecosystem, Inc. or Envirotech, Inc.).

Fluid Program: See "Detailed Drilling Plan" section and attached Newpark mud program for additional details.

DETAILED DRILLING PLAN:

SURFACE: **Drill vertically to casing setting depth (plus necessary rathole), run casing, cement casing to surface.**

0 ft (MD)	**to**	**350 ft (MD)**	**Hole Section Length:**	**350 ft**
0 ft (TVD)	**to**	**350 ft (TVD)**	**Casing Required:**	**350 ft**

Note: Surface hole may be drilled, cased, and cemented with a smaller rig in advance of the drilling rig.

Fluid:	**Type**	**MW (ppg)**	**FL (mL/30 min)**	**PV (cp)**	**YP (lb/100 sqft)**	**pH**	**Comments**
	Fresh Water	8.4	N/C	2 - 8	2 - 12	9.0	Spud mud

Hole Size: 17-1/2" 17.5

Bit / Motor: Mill Tooth or PDC, no motor

MWD / Survey: No MWD, deviation survey

Logging: None

Casing Specs:		**Wt (lb/ft)**	**Grade**	**Conn.**	**Collapse (psi)**	**Burst (psi)**	**Tens. Body (lbs)**	**Tens. Conn (lbs)**
Specs	13.375	54.5	J-55	BTC	1,130	2,730	853,000	909,000
Loading					153	696	116,634	116,634
Min. S.F.					**7.39**	**3.92**	**7.31**	**7.79**

Assumptions: Collapse: fully evacuated casing with 8.4 ppg equivalent external pressure gradient
Burst: maximum anticipated surface pressure with 9.5 ppg fluid inside casing while drilling intermediate hole and 8.4 ppg equivalent external pressure gradient
Tension: buoyed weight in 8.4 ppg fluid with 100,000 lbs over-pull

Cement:	**Type**	**Weight (ppg)**	**Yield (cuft/sk)**	**Water (gal/sk)**	**Hole Cap. (cuft/ft)**	**% Excess**	**Planned TOC (ft MD)**	**Total Cmt (sx)**
	TYPE III	14.6	1.39	6.686	0.6946	100%	0	350

Calculated cement volumes assume gauge hole and the excess noted in table

INTERMEDIATE: **Drill as per directional plan to casing setting depth, run casing, cement casing to surface.**

350 ft (MD)	**to**	**3,418 ft (MD)**	**Hole Section Length:**	**3,068 ft**
350 ft (TVD)	**to**	**3,218 ft (TVD)**	**Casing Required:**	**3,418 ft**

Fluid:	**Type**	**MW (ppg)**	**FL (mL/30 min)**	**PV (cp)**	**YP (lb/100 sqft)**	**pH**	**Comments**
	LSND (KCl)	8.8 - 9.5	20	8 - 14	8 - 14	9.0 - 9.5	No OBM

Hole Size: 12-1/4" 12.25

Bit / Motor: 12-1/4" PDC bit w/mud motor

MWD / Survey: MWD Survey with inclination and azimuth survey (every 100' at a minimum), GR optional

Logging: None

Casing Specs:		**Wt (lb/ft)**	**Grade**	**Conn.**	**Collapse (psi)**	**Burst (psi)**	**Tens. Body (lbs)**	**Tens. Conn (lbs)**
Specs	9.625	36.0	J-55	LTC	2,020	3,520	564,000	453,000
Loading					1,406	1,304	207,304	207,304
Min. S.F.					**1.44**	**2.70**	**2.72**	**2.19**

Assumptions: Collapse: fully evacuated casing with 8.4 ppg equivalent external pressure gradient
Burst: maximum anticipated surface pressure with 9.5 ppg fluid inside casing while drilling production hole and 8.4 ppg equivalent external pressure gradient
Tension: buoyed weight in 8.4 ppg fluid with 100,000 lbs over-pull

Cement:	**Type**	**Weight (ppg)**	**Yield (cuft/sk)**	**Water (gal/sk)**	**% Excess**	**Planned TOC (ft MD)**	**Total Cmt (sx)**
Lead	III:POZ Blend	12.5	2.140	12.05	70%	0	698
Tail	Type III	14.6	1.380	6.64	20%	2,918	136

Annular Capacity 0.3627 cuft/ft 9-5/8" casing x 13-3/8" casing annulus
0.3132 cuft/ft 9-5/8" casing x 12-1/4" hole annulus
Calculated cement volumes assume gauge hole and the excess noted in table

PRODUCTION: **Drill to TD following directional plan, run casing, cement casing to surface.**

3,418	ft (MD)	to	15,632 ft (MD)	Hole Section Length:	12,214 ft
3,218	ft (TVD)	to	5,253 ft (TVD)	Casing Required:	15,632 ft

Estimated KOP:	5,347 ft (MD)	4,934	ft (TVD)
Estimated Landing Point (FTP):	5,839 ft (MD)	5,257	ft (TVD)
Estimated Lateral Length:	9,793 ft (MD)		

Fluid:	Type	MW (ppg)	FL (mL/30')	PV (cp)	YP (lb/100 sqft)	ES	OWR
	OBM	8.7 - 9.0	10 - 15	10 - 20	6 - 10	500+	80:20

Hole Size: 8-1/2" 8.5

Bit / Motor: 8-1/2" PDC bit w/mud motor

MWD / Survey: MWD with GR, inclination, and azimuth (survey every joint from KOP to Landing Point and survey every 100' minimum before KOP and after Landing Point)

Logging: GR MWD for entire section, no mud-log or cuttings sampling, no OH WL logs

Casing Specs:	Size (in)	Wt (lb/ft)	Grade	Conn.	Collapse (psi)	Burst (psi)	Tens. Body (lbs)	Tens. Conn (lbs)
Specs	5.500	17.0	P-110	LTC	7,460	10,640	546,000	445,000
Loading					2,595	8,992	329,313	329,313
Min. S.F.					**2.87**	**1.18**	**1.66**	**1.35**

Assumptions: Collapse: fully evacuated casing with 9.5 ppg fluid in the annulus (floating casing during running)
Burst: 8,500 psi maximum surface treating pressure with 10.2 ppg equivalent mud weight sand laden fluid with 8.4 ppg equivalent external pressure gradient
Tension: buoyed weight in 9.0 ppg fluid with 100,000 lbs over-pull

Cement:	Type	Weight (ppg)	Yield (cuft/sk)	Water (gal/sk)	% Excess	Planned TOC (ft MD)	Total Cmt (sx)	Total Cmt (cu ft)
Spacer	IntegraGuard Star	11		31.6		0	60 bbls	
Lead	Type III	12.4	2.360	13.40	65%	0	591	1,395
Tail	G:POZ blend	13.3	1.560	7.70	10%	4,557	1,981	3,090

Displacement	361	est bbls			
Annular Capacity	0.2691	cuft/ft	5-1/2" casing x 9-5/8" casing annulus		
	0.2526	cuft/ft	5-1/2" casing x 8-1/2" hole annulus		
	0.1305	cuft/ft	5-1/2" casing vol	est shoe jt ft	100

Calculated cement volumes assume gauge hole and the excess noted in table

Spacer	S-8 Silica Flour 163.7 lbs/bbl	Avis 616 viscosifier 11.6 lb/bbl	FP24 Defoamer .5 lb/bbl	IntegraGuard Star Plus 3K LCM 15 lb/bbl	SS201 Surfactant 1 gal/bbl			
Lead	ASTM Type I/II	BA90 Bonding Agent 5.0 lb/sx	Bentonite Viscosifier 8% BWOB	FL24 Fluid Loss .5% BWOB	IntegraGuard GW86 Viscosifier .1% BWOB	R7C Retarder .2% BWOB	FP24 Defoamer 0.3% BWOB, Anti-Static .01 lb/sx	
Tail	Type G 50%	Pozzolan Fly Ash Extender 50%	BA90 Bonding Agent 3.0 lb/sx	Bentonite Viscosifier 4% BWOB	FL24 Fluid Loss .4% BWOB	IntegraGuard GW86 Viscosifier .1% BWOB	R3 Retarder .5% BWOB	FP24 Defoamer .3% BWOB, IntegraSeal 0.25 lb/sx

FINISH WELL: **ND BOP, cap well, RDMO.**

COMPLETION AND PRODUCTION PLAN:

Est Lateral Length: 9,693

Est Frac Inform: 40 Frac Stages 156,000 bbls slick water 12,610,000 lbs proppant

Frac: 39 plug-and-perf stages with 150,000 bbls slickwater fluid and 12,100,000 lbs of proppant (estimated)

Flowback: Flow back through production tubing as pressures allow

Production: Produce through production tubing via gas-lift into permanent production and storage facilities

ESTIMATED START DATES:

Drilling: 6/1/2024

Completion: 7/31/2024

Production: 9/14/2024

Prepared by: Greg Olson 2/19/2024

Updated:

WELL NAME: **NAGEEZI UNIT 215H**

OBJECTIVE: **Drill, complete, and equip single lateral in the Mancos-Gallup formation**

API Number: *30-045-38295*

AFE Number: *Not yet assigned*

ER Well Number: *Not yet assigned*

State: New Mexico

County: San Juan

Surface Elev.:	6,826	ft ASL (GL)	6,851	ft ASL (KB)		
Surface Location:	26-24N-9W	Sec-Twn- Rng	1,761	ft FSL	777	ft FWL
BH Location:	22-24-N9W	Sec-Twn- Rng	2276	ft FSL	1242	ft FWL

Driving Directions: ***FROM THE INTERSECTION OF US HWY 550 & US HWY 64 IN BLOOMFIELD, NM:***

South on US Hwy 550 for 32.5 miles to MM 119.5, Right (SouthWest) on D34 Road for 2.9 miles to fork, Left (East) on lease road for 0.75 miles to P&A location, Thru location (Southeast) on new access for 0.3 miles to Nageezi L26 Pad, There are 6 wells on this location from South to North(NU 217H, NU 218H, NU 215H, NU 213H, NU 216H, NU 214H).

QUICK REFERENCE		
Sur TD (MD)	350	ft
Int TD (MD)	3,418	ft
KOP (MD)	5,347	ft
KOP (TVD)	4,934	ft
Target (TVD)	5,257	ft
Curve BUR	10	°/100 ft
POE (MD)	5,839	ft
TD (MD)	15,632	ft
Lat Len (ft)	9,793	ft

WELL CONSTRUCTION SUMMARY:

	Hole (in)	TD MD (ft)	Csg (in)	Csg (lb/ft)	Csg (grade)	Csg (conn)	Csg Top (ft)	Csg Bot (ft)
Surface	17.500	350	13.375	54.5	J-55	BTC	0	350
Intermediate	12.250	3,418	9.625	36.0	J-55	LTC	0	3,418
Production	8.750	15,632	5.500	17.0	P-110	LTC	0	15,632

CEMENT PROPERTIES SUMMARY:

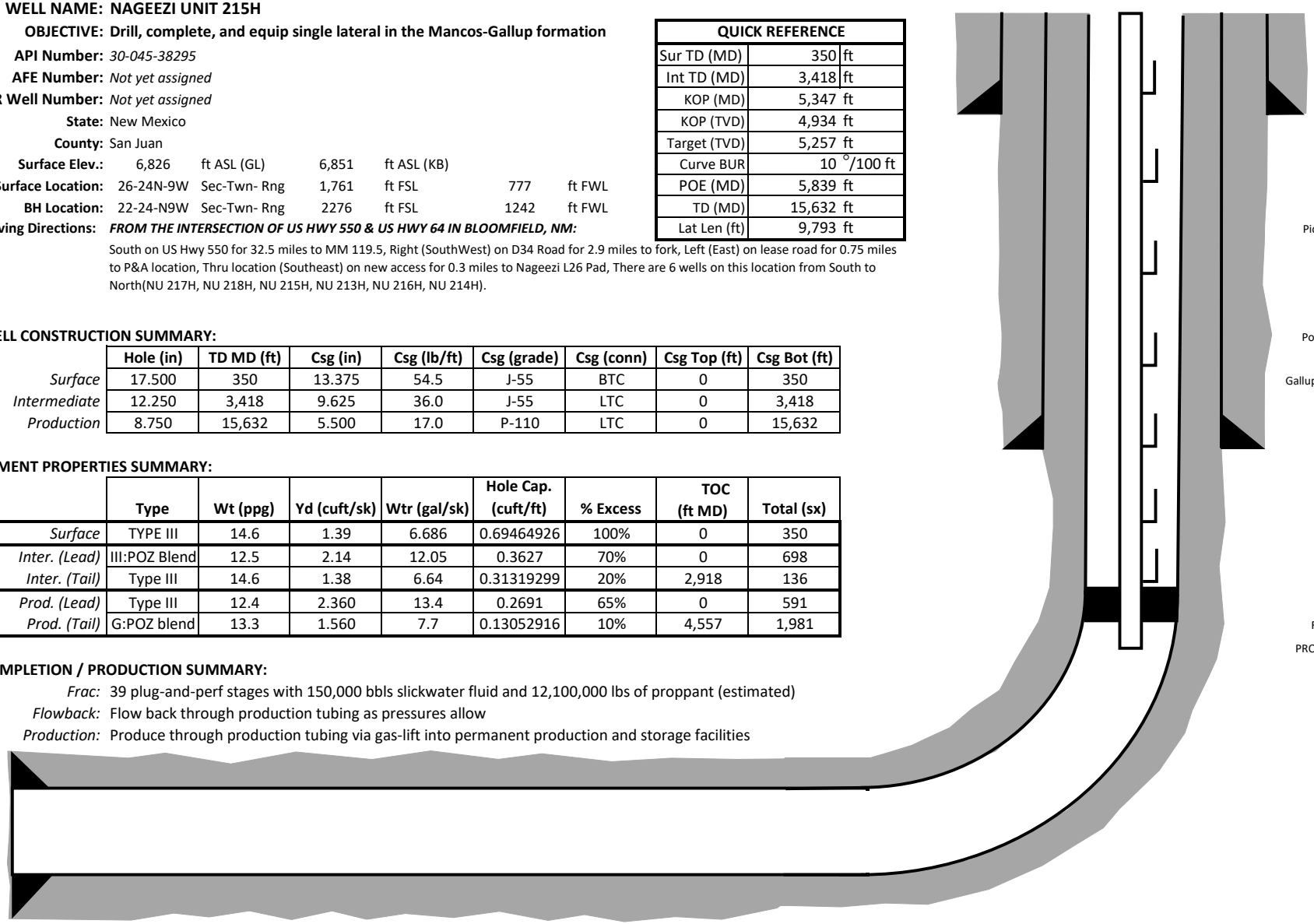
	Type	Wt (ppg)	Yd (cuft/sk)	Wtr (gal/sk)	Hole Cap. (cuft/ft)	% Excess	TOC (ft MD)	Total (sx)
Surface	TYPE III	14.6	1.39	6.686	0.69464926	100%	0	350
Inter. (Lead)	III:POZ Blend	12.5	2.14	12.05	0.3627	70%	0	698
Inter. (Tail)	Type III	14.6	1.38	6.64	0.31319299	20%	2,918	136
Prod. (Lead)	Type III	12.4	2.360	13.4	0.2691	65%	0	591
Prod. (Tail)	G:POZ blend	13.3	1.560	7.7	0.13052916	10%	4,557	1,981

COMPLETION / PRODUCTION SUMMARY:

Frac: 39 plug-and-perf stages with 150,000 bbls slickwater fluid and 12,100,000 lbs of proppant (estimated)

Flowback: Flow back through production tubing as pressures allow

Production: Produce through production tubing via gas-lift into permanent production and storage facilities



Tops	TVD (ft KB)	MD (ft KB)
Ojo Alamo	831	831
Kirtland	956	956
Fruitland	1,246	1,247
Pictured Cliffs	1,591	1,601
Lewis	1,701	1,717
Chacra	2,000	2,050
Cliff House	3,088	3,273
Menefee	3,118	3,306
Point Lookout	4,042	4,344
Mancos	4,231	4,557
Gallup (MNCS_A)	4,578	4,947
MNCS_B	4,668	5,048
MNCS_C	4,773	5,167
MNCS_Cms	4,815	5,214
MNCS_D	4,937	5,351
MNCS_E	5,045	5,478
MNCS_F	5,115	5,571
MNCS_G	5,194	5,699
MNCS_H	5,234	5,780
MNCS_I	5,274	5,896
FTP TARGET	5,257	5,839
PROJECTED TD	5,253	15,632

Well: Nageezi Unit 215H
Site: Nageezi Unit (213, 214, 215, 216, 217 & 218)
Project: San Juan County, New Mexico NAD83 NM W
Design: rev0
Rig:

T G M

Azimuths to Grid North
True North: -0.04°
Magnetic North: 8.49°

Magnetic Field
Strength: 49066.0nT
Dip Angle: 62.73°
Date: 2/8/2024
Model: IGRF2020

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+25 @ 6851.00ft

Surface location:

Northing	Easting	Latitude	Longitude
1922186.56	2743133.00	36.28263800	-107.76533400

Total Corr (M=>G): To convert a Magnetic Direction to a Grid Direction, Add 8.49°

Section Details

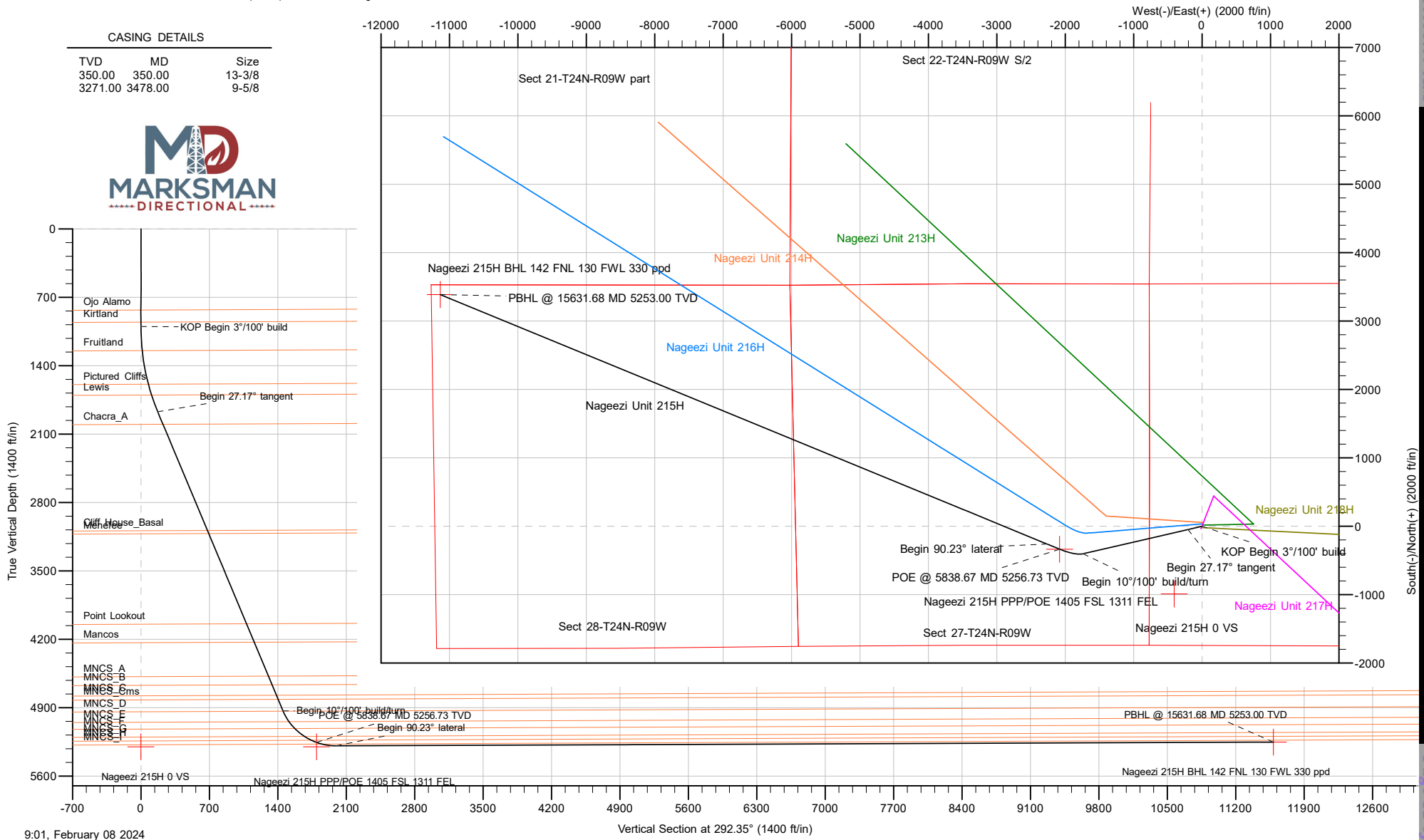
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Annotation
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	1000.00	0.00	0.00	1000.00	0.00	0.00	0.00	0.00	0.00	KOP Begin 3°/100' build
3	1905.51	27.17	257.00	1871.96	-47.38	-205.27	3.00	257.00	171.83	Begin 27.17° tangent
4	5347.28	27.17	257.00	4934.08	-400.81	-1736.38	0.00	0.00	1453.53	Begin 10°/100' build/turn
5	5838.67	70.00	292.35	5256.73	-334.10	-2080.58	10.00	45.96	1797.23	POE @ 5838.67 MD 5256.73 TVD
6	6040.95	90.23	292.35	5291.28	-258.71	-2263.93	10.00	0.01	1995.48	Begin 90.23° lateral
7	15631.68	90.23	292.35	5253.00	3388.89	-11133.86	0.00	0.00	11586.13	PBHL @ 15631.68 MD 5253.00 TVD

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
Nageezi 215H 0 VS	5301.00	-988.51	-406.42	1921198.05	2742726.58	36.27992328	-107.76671527
Nageezi 215H BHL 142 FNL 130 FWL 330 ppd	5253.00	3388.89	-11133.86	1925575.45	2731999.16	36.29196300	-107.80310700
Nageezi 215H PPP/POE 1405 FSL 1311 FEL	5301.00	-334.10	-2080.58	1921852.46	2741052.42	36.28172400	-107.77239400

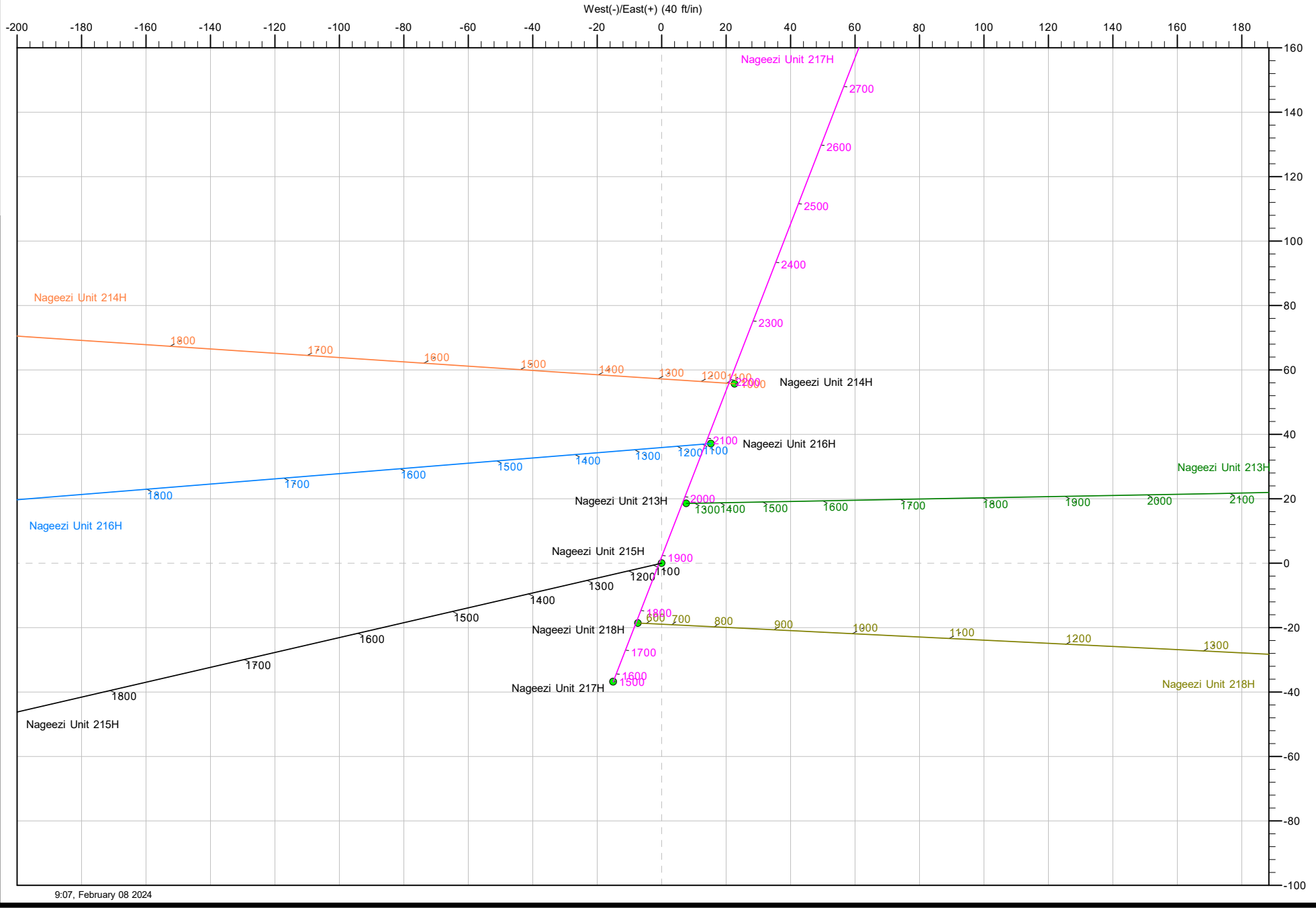
CASING DETAILS

TVD	MD	Size
350.00	350.00	13-3/8
3271.00	3478.00	9-5/8



9:01, February 08 2024

Well: Nageezi Unit 215H
Site: Nageezi Unit (213, 214, 215, 216, 217 & 218)
Project: San Juan County, New Mexico NAD83 NM W
Design: rev0
Rig:



Planning Report

Database:	DT_Jan1924v17	**Local Co-ordinate Reference:**	Well Nageezi Unit 215H
Company:	Enduring Resources LLC	**TVD Reference:**	RKB=6826+25 @ 6851.00ft
Project:	San Juan County, New Mexico NAD83 NM W	**MD Reference:**	RKB=6826+25 @ 6851.00ft
Site:	Nageezi Unit (213, 214, 215, 216, 217 & 218)	**North Reference:**	Grid
Well:	Nageezi Unit 215H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Original Hole		
Design:	rev0		

Project San Juan County, New Mexico NAD83 NM W

Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Western Zone		

Site Nageezi Unit (213, 214, 215, 216, 217 & 218)

Site Position:		**Northing:**	1,922,205.14 usft	**Latitude:**	36.28268900
From:	Lat/Long	**Easting:**	2,743,140.65 usft	**Longitude:**	-107.76530800
Position Uncertainty:	0.00 ft	**Slot Radius:**	13-3/16 "		

Well Nageezi Unit 215H, Surf loc: 1761 FSL 777 FWL Section 26-T24N-R09W

Well Position	**+N/-S**	0.00 ft	**Northing:**	1,922,186.56 usft	**Latitude:**	36.28263800
	+E/-W	0.00 ft	**Easting:**	2,743,133.00 usft	**Longitude:**	-107.76533400
Position Uncertainty		0.00 ft	**Wellhead Elevation:**	ft	**Ground Level:**	6,826.00 ft
Grid Convergence:		0.04 °				

Wellbore Original Hole

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	2/8/2024	8.53	62.73	49,065.95629991

Design rev0

Audit Notes:

Version:		**Phase:**	PLAN	**Tie On Depth:**	0.00

Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.00	0.00	0.00	292.35

Plan Survey Tool Program **Date** 2/8/2024

	Depth From (ft)	Depth To (ft)	Survey (Wellbore)	Tool Name	Remarks
1	0.00	15,631.65	rev0 (Original Hole)	MWD	
				OWSG MWD - Standard	

Plan Sections

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,905.51	27.17	257.00	1,871.96	-47.38	-205.27	3.00	3.00	0.00	257.00	
5,347.28	27.17	257.00	4,934.08	-400.81	-1,736.38	0.00	0.00	0.00	0.00	
5,838.67	70.00	292.35	5,256.73	-334.10	-2,080.58	10.00	8.72	7.19	45.96	
6,040.95	90.23	292.35	5,291.28	-258.71	-2,263.93	10.00	10.00	0.00	0.01	
15,631.68	90.23	292.35	5,253.00	3,388.89	-11,133.86	0.00	0.00	0.00	0.00	Nageezi 215H BHL 1

Planning Report

Database:	DT_Jan1924v17	**Local Co-ordinate Reference:**	Well Nageezi Unit 215H
Company:	Enduring Resources LLC	**TVD Reference:**	RKB=6826+25 @ 6851.00ft
Project:	San Juan County, New Mexico NAD83 NM W	**MD Reference:**	RKB=6826+25 @ 6851.00ft
Site:	Nageezi Unit (213, 214, 215, 216, 217 & 218)	**North Reference:**	Grid
Well:	Nageezi Unit 215H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Original Hole		
Design:	rev0		

Planned 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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
350.00	0.00	0.00	350.00	0.00	0.00	0.00	0.00	0.00	0.00
13-3/8" Surface Casing									
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00
831.00	0.00	0.00	831.00	0.00	0.00	0.00	0.00	0.00	0.00
Ojo Alamo									
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00
956.00	0.00	0.00	956.00	0.00	0.00	0.00	0.00	0.00	0.00
Kirtland									
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00
KOP Begin 3°/100' build									
1,100.00	3.00	257.00	1,099.95	-0.59	-2.55	2.13	3.00	3.00	0.00
1,200.00	6.00	257.00	1,199.63	-2.35	-10.19	8.53	3.00	3.00	0.00
1,246.63	7.40	257.00	1,245.95	-3.58	-15.50	12.97	3.00	3.00	0.00
Fruitland									
1,300.00	9.00	257.00	1,298.77	-5.29	-22.91	19.18	3.00	3.00	0.00
1,400.00	12.00	257.00	1,397.08	-9.39	-40.67	34.04	3.00	3.00	0.00
1,500.00	15.00	257.00	1,494.31	-14.64	-63.41	53.08	3.00	3.00	0.00
1,600.00	18.00	257.00	1,590.18	-21.02	-91.08	76.24	3.00	3.00	0.00
1,600.54	18.02	257.00	1,590.69	-21.06	-91.24	76.38	3.00	3.00	0.00
Pictured Cliffs									
1,700.00	21.00	257.00	1,684.43	-28.53	-123.60	103.47	3.00	3.00	0.00
1,717.31	21.52	257.00	1,700.56	-29.94	-129.72	108.59	3.00	3.00	0.00
Lewis									
1,800.00	24.00	257.00	1,776.81	-37.14	-160.89	134.68	3.00	3.00	0.00
1,905.51	27.17	257.00	1,871.96	-47.38	-205.27	171.83	3.00	3.00	0.00
Begin 27.17° tangent									
2,000.00	27.17	257.00	1,956.03	-57.09	-247.31	207.02	0.00	0.00	0.00
2,049.53	27.17	257.00	2,000.09	-62.17	-269.34	225.47	0.00	0.00	0.00
Chacra_A									
2,100.00	27.17	257.00	2,045.00	-67.35	-291.79	244.26	0.00	0.00	0.00
2,200.00	27.17	257.00	2,133.97	-77.62	-336.28	281.50	0.00	0.00	0.00
2,300.00	27.17	257.00	2,222.94	-87.89	-380.77	318.74	0.00	0.00	0.00
2,400.00	27.17	257.00	2,311.91	-98.16	-425.25	355.98	0.00	0.00	0.00
2,500.00	27.17	257.00	2,400.88	-108.43	-469.74	393.22	0.00	0.00	0.00
2,600.00	27.17	257.00	2,489.85	-118.70	-514.22	430.46	0.00	0.00	0.00
2,700.00	27.17	257.00	2,578.82	-128.97	-558.71	467.70	0.00	0.00	0.00
2,800.00	27.17	257.00	2,667.79	-139.24	-603.20	504.94	0.00	0.00	0.00
2,900.00	27.17	257.00	2,756.75	-149.50	-647.68	542.18	0.00	0.00	0.00
3,000.00	27.17	257.00	2,845.72	-159.77	-692.17	579.42	0.00	0.00	0.00
3,100.00	27.17	257.00	2,934.69	-170.04	-736.66	616.66	0.00	0.00	0.00
3,200.00	27.17	257.00	3,023.66	-180.31	-781.14	653.90	0.00	0.00	0.00
3,272.61	27.17	257.00	3,088.27	-187.77	-813.45	680.94	0.00	0.00	0.00
Cliff House_Basal									
3,300.00	27.17	257.00	3,112.63	-190.58	-825.63	691.14	0.00	0.00	0.00
3,306.28	27.17	257.00	3,118.22	-191.22	-828.42	693.47	0.00	0.00	0.00

Planning Report

Database:	DT_Jan1924v17	**Local Co-ordinate Reference:**	Well Nageezi Unit 215H
Company:	Enduring Resources LLC	**TVD Reference:**	RKB=6826+25 @ 6851.00ft
Project:	San Juan County, New Mexico NAD83 NM W	**MD Reference:**	RKB=6826+25 @ 6851.00ft
Site:	Nageezi Unit (213, 214, 215, 216, 217 & 218)	**North Reference:**	Grid
Well:	Nageezi Unit 215H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Original Hole		
Design:	rev0		

Planned 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)
Menefee									
3,400.00	27.17	257.00	3,201.60	-200.85	-870.11	728.37	0.00	0.00	0.00
3,478.00	27.17	257.00	3,271.00	-208.86	-904.81	757.42	0.00	0.00	0.00
9-5/8" Intermediate Casing									
3,500.00	27.17	257.00	3,290.57	-211.12	-914.60	765.61	0.00	0.00	0.00
3,600.00	27.17	257.00	3,379.54	-221.39	-959.09	802.85	0.00	0.00	0.00
3,700.00	27.17	257.00	3,468.51	-231.65	-1,003.57	840.09	0.00	0.00	0.00
3,800.00	27.17	257.00	3,557.48	-241.92	-1,048.06	877.33	0.00	0.00	0.00
3,900.00	27.17	257.00	3,646.45	-252.19	-1,092.54	914.57	0.00	0.00	0.00
4,000.00	27.17	257.00	3,735.42	-262.46	-1,137.03	951.81	0.00	0.00	0.00
4,100.00	27.17	257.00	3,824.39	-272.73	-1,181.52	989.05	0.00	0.00	0.00
4,200.00	27.17	257.00	3,913.36	-283.00	-1,226.00	1,026.29	0.00	0.00	0.00
4,300.00	27.17	257.00	4,002.32	-293.27	-1,270.49	1,063.53	0.00	0.00	0.00
4,344.22	27.17	257.00	4,041.66	-297.81	-1,290.16	1,080.00	0.00	0.00	0.00
Point Lookout									
4,400.00	27.17	257.00	4,091.29	-303.54	-1,314.98	1,100.77	0.00	0.00	0.00
4,500.00	27.17	257.00	4,180.26	-313.80	-1,359.46	1,138.01	0.00	0.00	0.00
4,557.42	27.17	257.00	4,231.35	-319.70	-1,385.00	1,159.39	0.00	0.00	0.00
Mancos									
4,600.00	27.17	257.00	4,269.23	-324.07	-1,403.95	1,175.25	0.00	0.00	0.00
4,700.00	27.17	257.00	4,358.20	-334.34	-1,448.43	1,212.49	0.00	0.00	0.00
4,800.00	27.17	257.00	4,447.17	-344.61	-1,492.92	1,249.73	0.00	0.00	0.00
4,900.00	27.17	257.00	4,536.14	-354.88	-1,537.41	1,286.97	0.00	0.00	0.00
4,946.78	27.17	257.00	4,577.76	-359.68	-1,558.22	1,304.39	0.00	0.00	0.00
MNCS_A									
5,000.00	27.17	257.00	4,625.11	-365.15	-1,581.89	1,324.21	0.00	0.00	0.00
5,047.77	27.17	257.00	4,667.61	-370.05	-1,603.14	1,342.00	0.00	0.00	0.00
MNCS_B									
5,100.00	27.17	257.00	4,714.08	-375.42	-1,626.38	1,361.45	0.00	0.00	0.00
5,166.72	27.17	257.00	4,773.44	-382.27	-1,656.06	1,386.29	0.00	0.00	0.00
MNCS_C									
5,200.00	27.17	257.00	4,803.05	-385.69	-1,670.87	1,398.68	0.00	0.00	0.00
5,213.84	27.17	257.00	4,815.36	-387.11	-1,677.02	1,403.84	0.00	0.00	0.00
MNCS_Cms									
5,300.00	27.17	257.00	4,892.02	-395.95	-1,715.35	1,435.92	0.00	0.00	0.00
5,347.28	27.17	257.00	4,934.08	-400.81	-1,736.38	1,453.53	0.00	0.00	0.00
Begin 10°/100' build/turn									
5,350.00	27.36	257.43	4,936.50	-401.08	-1,737.60	1,454.55	10.00	6.98	15.64
5,350.74	27.41	257.54	4,937.16	-401.16	-1,737.93	1,454.83	10.00	7.01	15.52
MNCS_D									
5,400.00	31.04	264.36	4,980.15	-404.85	-1,761.66	1,475.37	10.00	7.38	13.84
5,450.00	35.03	269.91	5,022.07	-406.15	-1,788.85	1,500.03	10.00	7.97	11.09
5,478.32	37.39	272.57	5,044.92	-405.77	-1,805.57	1,515.63	10.00	8.31	9.42
MNCS_E									
5,500.00	39.22	274.42	5,061.93	-404.95	-1,818.99	1,528.35	10.00	8.48	8.55
5,550.00	43.56	278.19	5,099.44	-401.27	-1,851.82	1,560.12	10.00	8.68	7.53
5,571.37	45.45	279.62	5,114.68	-398.95	-1,866.62	1,574.69	10.00	8.84	6.68
MNCS_F									
5,600.00	48.01	281.39	5,134.30	-395.15	-1,887.11	1,595.09	10.00	8.93	6.19
5,650.00	52.53	284.17	5,166.26	-386.62	-1,924.59	1,633.00	10.00	9.04	5.56
5,698.58	56.98	286.56	5,194.29	-376.09	-1,962.82	1,672.36	10.00	9.16	4.93
MNCS_G									

Planning Report

Database:	DT_Jan1924v17	**Local Co-ordinate Reference:**	Well Nageezi Unit 215H
Company:	Enduring Resources LLC	**TVD Reference:**	RKB=6826+25 @ 6851.00ft
Project:	San Juan County, New Mexico NAD83 NM W	**MD Reference:**	RKB=6826+25 @ 6851.00ft
Site:	Nageezi Unit (213, 214, 215, 216, 217 & 218)	**North Reference:**	Grid
Well:	Nageezi Unit 215H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Original Hole		
Design:	rev0		

Planned 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)
5,700.00	57.11	286.63	5,195.06	-375.74	-1,963.97	1,673.55	10.00	9.20	4.66
5,750.00	61.73	288.85	5,220.50	-362.62	-2,004.94	1,716.44	10.00	9.24	4.43
5,779.87	64.51	290.08	5,234.00	-353.74	-2,030.06	1,743.05	10.00	9.30	4.13
MNCS_H									
5,800.00	66.38	290.88	5,242.37	-347.33	-2,047.21	1,761.34	10.00	9.33	3.97
5,838.67	70.00	292.35	5,256.73	-334.10	-2,080.58	1,797.23	10.00	9.35	3.81
POE @ 5838.67 MD 5256.73 TVD									
5,850.00	71.13	292.35	5,260.50	-330.04	-2,090.46	1,807.92	10.00	10.00	0.00
5,895.81	75.71	292.35	5,273.57	-313.35	-2,131.06	1,851.81	10.00	10.00	0.00
MNCS_I									
5,900.00	76.13	292.35	5,274.59	-311.80	-2,134.82	1,855.88	10.00	10.00	0.00
5,950.00	81.13	292.35	5,284.44	-293.17	-2,180.14	1,904.88	10.00	10.00	0.00
6,000.00	86.13	292.35	5,289.98	-274.28	-2,226.08	1,954.56	10.00	10.00	0.00
6,040.95	90.23	292.35	5,291.28	-258.71	-2,263.93	1,995.48	10.00	10.00	0.00
Begin 90.23° lateral									
6,100.00	90.23	292.35	5,291.04	-236.25	-2,318.54	2,054.53	0.00	0.00	0.00
6,200.00	90.23	292.35	5,290.64	-198.22	-2,411.02	2,154.53	0.00	0.00	0.00
6,300.00	90.23	292.35	5,290.25	-160.19	-2,503.51	2,254.53	0.00	0.00	0.00
6,400.00	90.23	292.35	5,289.85	-122.16	-2,595.99	2,354.53	0.00	0.00	0.00
6,500.00	90.23	292.35	5,289.45	-84.12	-2,688.48	2,454.52	0.00	0.00	0.00
6,600.00	90.23	292.35	5,289.05	-46.09	-2,780.96	2,554.52	0.00	0.00	0.00
6,700.00	90.23	292.35	5,288.65	-8.06	-2,873.45	2,654.52	0.00	0.00	0.00
6,800.00	90.23	292.35	5,288.25	29.97	-2,965.93	2,754.52	0.00	0.00	0.00
6,900.00	90.23	292.35	5,287.85	68.01	-3,058.41	2,854.52	0.00	0.00	0.00
7,000.00	90.23	292.35	5,287.45	106.04	-3,150.90	2,954.52	0.00	0.00	0.00
7,100.00	90.23	292.35	5,287.05	144.07	-3,243.38	3,054.52	0.00	0.00	0.00
7,200.00	90.23	292.35	5,286.65	182.10	-3,335.87	3,154.52	0.00	0.00	0.00
7,300.00	90.23	292.35	5,286.25	220.14	-3,428.35	3,254.52	0.00	0.00	0.00
7,400.00	90.23	292.35	5,285.85	258.17	-3,520.84	3,354.52	0.00	0.00	0.00
7,500.00	90.23	292.35	5,285.46	296.20	-3,613.32	3,454.52	0.00	0.00	0.00
7,600.00	90.23	292.35	5,285.06	334.23	-3,705.80	3,554.52	0.00	0.00	0.00
7,700.00	90.23	292.35	5,284.66	372.27	-3,798.29	3,654.51	0.00	0.00	0.00
7,800.00	90.23	292.35	5,284.26	410.30	-3,890.77	3,754.51	0.00	0.00	0.00
7,900.00	90.23	292.35	5,283.86	448.33	-3,983.26	3,854.51	0.00	0.00	0.00
8,000.00	90.23	292.35	5,283.46	486.37	-4,075.74	3,954.51	0.00	0.00	0.00
8,100.00	90.23	292.35	5,283.06	524.40	-4,168.23	4,054.51	0.00	0.00	0.00
8,200.00	90.23	292.35	5,282.66	562.43	-4,260.71	4,154.51	0.00	0.00	0.00
8,300.00	90.23	292.35	5,282.26	600.46	-4,353.20	4,254.51	0.00	0.00	0.00
8,400.00	90.23	292.35	5,281.86	638.50	-4,445.68	4,354.51	0.00	0.00	0.00
8,500.00	90.23	292.35	5,281.46	676.53	-4,538.16	4,454.51	0.00	0.00	0.00
8,600.00	90.23	292.35	5,281.07	714.56	-4,630.65	4,554.51	0.00	0.00	0.00
8,700.00	90.23	292.35	5,280.67	752.59	-4,723.13	4,654.51	0.00	0.00	0.00
8,800.00	90.23	292.35	5,280.27	790.63	-4,815.62	4,754.51	0.00	0.00	0.00
8,900.00	90.23	292.35	5,279.87	828.66	-4,908.10	4,854.51	0.00	0.00	0.00
9,000.00	90.23	292.35	5,279.47	866.69	-5,000.59	4,954.50	0.00	0.00	0.00
9,100.00	90.23	292.35	5,279.07	904.72	-5,093.07	5,054.50	0.00	0.00	0.00
9,200.00	90.23	292.35	5,278.67	942.76	-5,185.56	5,154.50	0.00	0.00	0.00
9,300.00	90.23	292.35	5,278.27	980.79	-5,278.04	5,254.50	0.00	0.00	0.00
9,400.00	90.23	292.35	5,277.87	1,018.82	-5,370.52	5,354.50	0.00	0.00	0.00
9,500.00	90.23	292.35	5,277.47	1,056.85	-5,463.01	5,454.50	0.00	0.00	0.00
9,600.00	90.23	292.35	5,277.07	1,094.89	-5,555.49	5,554.50	0.00	0.00	0.00
9,700.00	90.23	292.35	5,276.67	1,132.92	-5,647.98	5,654.50	0.00	0.00	0.00
9,800.00	90.23	292.35	5,276.28	1,170.95	-5,740.46	5,754.50	0.00	0.00	0.00

Planning Report

Database:	DT_Jan1924v17	**Local Co-ordinate Reference:**	Well Nageezi Unit 215H
Company:	Enduring Resources LLC	**TVD Reference:**	RKB=6826+25 @ 6851.00ft
Project:	San Juan County, New Mexico NAD83 NM W	**MD Reference:**	RKB=6826+25 @ 6851.00ft
Site:	Nageezi Unit (213, 214, 215, 216, 217 & 218)	**North Reference:**	Grid
Well:	Nageezi Unit 215H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Original Hole		
Design:	rev0		

Planned 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)
9,900.00	90.23	292.35	5,275.88	1,208.99	-5,832.95	5,854.50	0.00	0.00	0.00
10,000.00	90.23	292.35	5,275.48	1,247.02	-5,925.43	5,954.50	0.00	0.00	0.00
10,100.00	90.23	292.35	5,275.08	1,285.05	-6,017.91	6,054.50	0.00	0.00	0.00
10,200.00	90.23	292.35	5,274.68	1,323.08	-6,110.40	6,154.49	0.00	0.00	0.00
10,300.00	90.23	292.35	5,274.28	1,361.12	-6,202.88	6,254.49	0.00	0.00	0.00
10,400.00	90.23	292.35	5,273.88	1,399.15	-6,295.37	6,354.49	0.00	0.00	0.00
10,500.00	90.23	292.35	5,273.48	1,437.18	-6,387.85	6,454.49	0.00	0.00	0.00
10,600.00	90.23	292.35	5,273.08	1,475.21	-6,480.34	6,554.49	0.00	0.00	0.00
10,700.00	90.23	292.35	5,272.68	1,513.25	-6,572.82	6,654.49	0.00	0.00	0.00
10,800.00	90.23	292.35	5,272.28	1,551.28	-6,665.31	6,754.49	0.00	0.00	0.00
10,900.00	90.23	292.35	5,271.89	1,589.31	-6,757.79	6,854.49	0.00	0.00	0.00
11,000.00	90.23	292.35	5,271.49	1,627.34	-6,850.27	6,954.49	0.00	0.00	0.00
11,100.00	90.23	292.35	5,271.09	1,665.38	-6,942.76	7,054.49	0.00	0.00	0.00
11,200.00	90.23	292.35	5,270.69	1,703.41	-7,035.24	7,154.49	0.00	0.00	0.00
11,300.00	90.23	292.35	5,270.29	1,741.44	-7,127.73	7,254.49	0.00	0.00	0.00
11,400.00	90.23	292.35	5,269.89	1,779.47	-7,220.21	7,354.49	0.00	0.00	0.00
11,500.00	90.23	292.35	5,269.49	1,817.51	-7,312.70	7,454.48	0.00	0.00	0.00
11,600.00	90.23	292.35	5,269.09	1,855.54	-7,405.18	7,554.48	0.00	0.00	0.00
11,700.00	90.23	292.35	5,268.69	1,893.57	-7,497.66	7,654.48	0.00	0.00	0.00
11,800.00	90.23	292.35	5,268.29	1,931.61	-7,590.15	7,754.48	0.00	0.00	0.00
11,900.00	90.23	292.35	5,267.89	1,969.64	-7,682.63	7,854.48	0.00	0.00	0.00
12,000.00	90.23	292.35	5,267.50	2,007.67	-7,775.12	7,954.48	0.00	0.00	0.00
12,100.00	90.23	292.35	5,267.10	2,045.70	-7,867.60	8,054.48	0.00	0.00	0.00
12,200.00	90.23	292.35	5,266.70	2,083.74	-7,960.09	8,154.48	0.00	0.00	0.00
12,300.00	90.23	292.35	5,266.30	2,121.77	-8,052.57	8,254.48	0.00	0.00	0.00
12,400.00	90.23	292.35	5,265.90	2,159.80	-8,145.06	8,354.48	0.00	0.00	0.00
12,500.00	90.23	292.35	5,265.50	2,197.83	-8,237.54	8,454.48	0.00	0.00	0.00
12,600.00	90.23	292.35	5,265.10	2,235.87	-8,330.02	8,554.48	0.00	0.00	0.00
12,700.00	90.23	292.35	5,264.70	2,273.90	-8,422.51	8,654.48	0.00	0.00	0.00
12,800.00	90.23	292.35	5,264.30	2,311.93	-8,514.99	8,754.47	0.00	0.00	0.00
12,900.00	90.23	292.35	5,263.90	2,349.96	-8,607.48	8,854.47	0.00	0.00	0.00
13,000.00	90.23	292.35	5,263.50	2,388.00	-8,699.96	8,954.47	0.00	0.00	0.00
13,100.00	90.23	292.35	5,263.10	2,426.03	-8,792.45	9,054.47	0.00	0.00	0.00
13,200.00	90.23	292.35	5,262.71	2,464.06	-8,884.93	9,154.47	0.00	0.00	0.00
13,300.00	90.23	292.35	5,262.31	2,502.09	-8,977.41	9,254.47	0.00	0.00	0.00
13,400.00	90.23	292.35	5,261.91	2,540.13	-9,069.90	9,354.47	0.00	0.00	0.00
13,500.00	90.23	292.35	5,261.51	2,578.16	-9,162.38	9,454.47	0.00	0.00	0.00
13,600.00	90.23	292.35	5,261.11	2,616.19	-9,254.87	9,554.47	0.00	0.00	0.00
13,700.00	90.23	292.35	5,260.71	2,654.22	-9,347.35	9,654.47	0.00	0.00	0.00
13,800.00	90.23	292.35	5,260.31	2,692.26	-9,439.84	9,754.47	0.00	0.00	0.00
13,900.00	90.23	292.35	5,259.91	2,730.29	-9,532.32	9,854.47	0.00	0.00	0.00
14,000.00	90.23	292.35	5,259.51	2,768.32	-9,624.81	9,954.46	0.00	0.00	0.00
14,100.00	90.23	292.35	5,259.11	2,806.36	-9,717.29	10,054.46	0.00	0.00	0.00
14,200.00	90.23	292.35	5,258.71	2,844.39	-9,809.77	10,154.46	0.00	0.00	0.00
14,300.00	90.23	292.35	5,258.32	2,882.42	-9,902.26	10,254.46	0.00	0.00	0.00
14,400.00	90.23	292.35	5,257.92	2,920.45	-9,994.74	10,354.46	0.00	0.00	0.00
14,500.00	90.23	292.35	5,257.52	2,958.49	-10,087.23	10,454.46	0.00	0.00	0.00
14,600.00	90.23	292.35	5,257.12	2,996.52	-10,179.71	10,554.46	0.00	0.00	0.00
14,700.00	90.23	292.35	5,256.72	3,034.55	-10,272.20	10,654.46	0.00	0.00	0.00
14,800.00	90.23	292.35	5,256.32	3,072.58	-10,364.68	10,754.46	0.00	0.00	0.00
14,900.00	90.23	292.35	5,255.92	3,110.62	-10,457.16	10,854.46	0.00	0.00	0.00
15,000.00	90.23	292.35	5,255.52	3,148.65	-10,549.65	10,954.46	0.00	0.00	0.00
15,100.00	90.23	292.35	5,255.12	3,186.68	-10,642.13	11,054.46	0.00	0.00	0.00
15,200.00	90.23	292.35	5,254.72	3,224.71	-10,734.62	11,154.46	0.00	0.00	0.00

Planning Report

Database:	DT_Jan1924v17	**Local Co-ordinate Reference:**	Well Nageezi Unit 215H
Company:	Enduring Resources LLC	**TVD Reference:**	RKB=6826+25 @ 6851.00ft
Project:	San Juan County, New Mexico NAD83 NM W	**MD Reference:**	RKB=6826+25 @ 6851.00ft
Site:	Nageezi Unit (213, 214, 215, 216, 217 & 218)	**North Reference:**	Grid
Well:	Nageezi Unit 215H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Original Hole		
Design:	rev0		

Planned 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)
15,300.00	90.23	292.35	5,254.32	3,262.75	-10,827.10	11,254.45	0.00	0.00	0.00
15,400.00	90.23	292.35	5,253.92	3,300.78	-10,919.59	11,354.45	0.00	0.00	0.00
15,500.00	90.23	292.35	5,253.53	3,338.81	-11,012.07	11,454.45	0.00	0.00	0.00
15,600.00	90.23	292.35	5,253.13	3,376.84	-11,104.56	11,554.45	0.00	0.00	0.00
15,631.68	90.23	292.35	5,253.00	3,388.89	-11,133.86	11,586.13	0.00	0.00	0.00
PBHL @ 15631.68 MD 5253.00 TVD									

Casing Points

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")
350.00	350.00	13-3/8" Surface Casing	13-3/8	17-1/2
3,478.00	3,271.00	9-5/8" Intermediate Casing	9-5/8	12-1/4

Formations

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
831.00	831.00	Ojo Alamo		-0.23	292.35
956.00	956.00	Kirtland		-0.23	292.35
1,246.63	1,245.95	Fruitland		-0.23	292.35
1,600.54	1,590.69	Pictured Cliffs		-0.23	292.35
1,717.31	1,700.56	Lewis		-0.23	292.35
2,049.53	2,000.09	Chacra_A		-0.23	292.35
3,272.61	3,088.27	Cliff House_Basal		-0.23	292.35
3,306.28	3,118.22	Menefee		-0.23	292.35
4,344.22	4,041.66	Point Lookout		-0.23	292.35
4,557.42	4,231.35	Mancos		-0.23	292.35
4,946.78	4,577.76	MNCS_A		-0.23	292.35
5,047.77	4,667.61	MNCS_B		-0.23	292.35
5,166.72	4,773.44	MNCS_C		-0.23	292.35
5,213.84	4,815.36	MNCS_Cms		-0.23	292.35
5,350.74	4,937.16	MNCS_D		-0.23	292.35
5,478.32	5,044.92	MNCS_E		-0.23	292.35
5,571.37	5,114.68	MNCS_F		-0.23	292.35
5,698.58	5,194.29	MNCS_G		-0.23	292.35
5,779.87	5,234.00	MNCS_H		-0.23	292.35
5,895.81	5,273.57	MNCS_I		-0.23	292.35

Planning Report

Database:	DT_Jan1924v17	**Local Co-ordinate Reference:**	Well Nageezi Unit 215H
Company:	Enduring Resources LLC	**TVD Reference:**	RKB=6826+25 @ 6851.00ft
Project:	San Juan County, New Mexico NAD83 NM W	**MD Reference:**	RKB=6826+25 @ 6851.00ft
Site:	Nageezi Unit (213, 214, 215, 216, 217 & 218)	**North Reference:**	Grid
Well:	Nageezi Unit 215H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Original Hole		
Design:	rev0		

Plan Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates +N/-S (ft)	Local Coordinates +E/-W (ft)	Comment
1,000.00	1,000.00	0.00	0.00	KOP Begin 3°/100' build
1,905.51	1,871.96	-47.38	-205.27	Begin 27.17° tangent
5,347.28	4,934.08	-400.81	-1,736.38	Begin 10°/100' build/turn
5,838.67	5,256.73	-334.10	-2,080.58	POE @ 5838.67 MD 5256.73 TVD
6,040.95	5,291.28	-258.71	-2,263.93	Begin 90.23° lateral
15,631.68	5,253.00	3,388.89	-11,133.86	PBHL @ 15631.68 MD 5253.00 TVD

Planning Report - Geographic

Database:	DT_Jan1924v17	**Local Co-ordinate Reference:**	Well Nageezi Unit 215H
Company:	Enduring Resources LLC	**TVD Reference:**	RKB=6826+25 @ 6851.00ft
Project:	San Juan County, New Mexico NAD83 NM W	**MD Reference:**	RKB=6826+25 @ 6851.00ft
Site:	Nageezi Unit (213, 214, 215, 216, 217 & 218)	**North Reference:**	Grid
Well:	Nageezi Unit 215H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Original Hole		
Design:	rev0		

Project San Juan County, New Mexico NAD83 NM W

Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Western Zone		

Site Nageezi Unit (213, 214, 215, 216, 217 & 218)

Site Position:		**Northing:**	1,922,205.14 usft	**Latitude:**	36.28268900
From:	Lat/Long	**Easting:**	2,743,140.65 usft	**Longitude:**	-107.76530800
Position Uncertainty:	0.00 ft	**Slot Radius:**	13-3/16 "		

Well Nageezi Unit 215H, Surf loc: 1761 FSL 777 FWL Section 26-T24N-R09W

Well Position	**+N/-S**	0.00 ft	**Northing:**	1,922,186.56 usft	**Latitude:**	36.28263800
	+E/-W	0.00 ft	**Easting:**	2,743,133.00 usft	**Longitude:**	-107.76533400
Position Uncertainty		0.00 ft	**Wellhead Elevation:**	ft	**Ground Level:**	6,826.00 ft
Grid Convergence:		0.04 °				

Wellbore Original Hole

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	2/8/2024	8.53	62.73	49,065.95629991

Design rev0

Audit Notes:

Version:		**Phase:**	PLAN	**Tie On Depth:**	0.00

Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.00	0.00	0.00	292.35

Plan Survey Tool Program **Date** 2/8/2024

	Depth From (ft)	Depth To (ft)	Survey (Wellbore)	Tool Name	Remarks
1	0.00	15,631.65	rev0 (Original Hole)	MWD OWSG MWD - Standard	

Plan Sections

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,905.51	27.17	257.00	1,871.96	-47.38	-205.27	3.00	3.00	0.00	257.00	
5,347.28	27.17	257.00	4,934.08	-400.81	-1,736.38	0.00	0.00	0.00	0.00	
5,838.67	70.00	292.35	5,256.73	-334.10	-2,080.58	10.00	8.72	7.19	45.96	
6,040.95	90.23	292.35	5,291.28	-258.71	-2,263.93	10.00	10.00	0.00	0.01	
15,631.68	90.23	292.35	5,253.00	3,388.89	-11,133.86	0.00	0.00	0.00	0.00	Nageezi 215H BHL 1

Planning Report - Geographic

Database:	DT_Jan1924v17	**Local Co-ordinate Reference:**	Well Nageezi Unit 215H
Company:	Enduring Resources LLC	**TVD Reference:**	RKB=6826+25 @ 6851.00ft
Project:	San Juan County, New Mexico NAD83 NM W	**MD Reference:**	RKB=6826+25 @ 6851.00ft
Site:	Nageezi Unit (213, 214, 215, 216, 217 & 218)	**North Reference:**	Grid
Well:	Nageezi Unit 215H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Original Hole		
Design:	rev0		

Planned 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	0.00	0.00	0.00	0.00	1,922,186.56	2,743,133.00	36.28263800	-107.76533400
100.00	0.00	0.00	100.00	0.00	0.00	1,922,186.56	2,743,133.00	36.28263800	-107.76533400
200.00	0.00	0.00	200.00	0.00	0.00	1,922,186.56	2,743,133.00	36.28263800	-107.76533400
300.00	0.00	0.00	300.00	0.00	0.00	1,922,186.56	2,743,133.00	36.28263800	-107.76533400
350.00	0.00	0.00	350.00	0.00	0.00	1,922,186.56	2,743,133.00	36.28263800	-107.76533400
13-3/8" Surface Casing									
400.00	0.00	0.00	400.00	0.00	0.00	1,922,186.56	2,743,133.00	36.28263800	-107.76533400
500.00	0.00	0.00	500.00	0.00	0.00	1,922,186.56	2,743,133.00	36.28263800	-107.76533400
600.00	0.00	0.00	600.00	0.00	0.00	1,922,186.56	2,743,133.00	36.28263800	-107.76533400
700.00	0.00	0.00	700.00	0.00	0.00	1,922,186.56	2,743,133.00	36.28263800	-107.76533400
800.00	0.00	0.00	800.00	0.00	0.00	1,922,186.56	2,743,133.00	36.28263800	-107.76533400
831.00	0.00	0.00	831.00	0.00	0.00	1,922,186.56	2,743,133.00	36.28263800	-107.76533400
Ojo Alamo									
900.00	0.00	0.00	900.00	0.00	0.00	1,922,186.56	2,743,133.00	36.28263800	-107.76533400
956.00	0.00	0.00	956.00	0.00	0.00	1,922,186.56	2,743,133.00	36.28263800	-107.76533400
Kirtland									
1,000.00	0.00	0.00	1,000.00	0.00	0.00	1,922,186.56	2,743,133.00	36.28263800	-107.76533400
KOP Begin 3°/100' build									
1,100.00	3.00	257.00	1,099.95	-0.59	-2.55	1,922,185.98	2,743,130.45	36.28263639	-107.76534266
1,200.00	6.00	257.00	1,199.63	-2.35	-10.19	1,922,184.21	2,743,122.80	36.28263156	-107.76536860
1,246.63	7.40	257.00	1,245.95	-3.58	-15.50	1,922,182.99	2,743,117.50	36.28262820	-107.76538659
Fruitland									
1,300.00	9.00	257.00	1,298.77	-5.29	-22.91	1,922,181.28	2,743,110.09	36.28262352	-107.76541175
1,400.00	12.00	257.00	1,397.08	-9.39	-40.67	1,922,177.18	2,743,092.33	36.28261229	-107.76547200
1,500.00	15.00	257.00	1,494.31	-14.64	-63.41	1,922,171.93	2,743,069.59	36.28259791	-107.76554918
1,600.00	18.00	257.00	1,590.18	-21.02	-91.08	1,922,165.54	2,743,041.92	36.28258042	-107.76564308
1,600.54	18.02	257.00	1,590.69	-21.06	-91.24	1,922,165.50	2,743,041.76	36.28258032	-107.76564364
Pictured Cliffs									
1,700.00	21.00	257.00	1,684.43	-28.53	-123.60	1,922,158.03	2,743,009.40	36.28255986	-107.76575345
1,717.31	21.52	257.00	1,700.56	-29.94	-129.72	1,922,156.62	2,743,003.28	36.28255600	-107.76577420
Lewis									
1,800.00	24.00	257.00	1,776.81	-37.14	-160.89	1,922,149.43	2,742,972.11	36.28253629	-107.76587997
1,905.51	27.17	257.00	1,871.96	-47.38	-205.27	1,922,139.18	2,742,927.73	36.28250823	-107.76603060
Begin 27.17° tangent									
2,000.00	27.17	257.00	1,956.03	-57.09	-247.31	1,922,129.48	2,742,885.69	36.28248166	-107.76617324
2,049.53	27.17	257.00	2,000.09	-62.17	-269.34	1,922,124.39	2,742,863.66	36.28246773	-107.76624801
Chacra_A									
2,100.00	27.17	257.00	2,045.00	-67.35	-291.79	1,922,119.21	2,742,841.21	36.28245353	-107.76632420
2,200.00	27.17	257.00	2,133.97	-77.62	-336.28	1,922,108.94	2,742,796.72	36.28242541	-107.76647517
2,300.00	27.17	257.00	2,222.94	-87.89	-380.77	1,922,098.67	2,742,752.23	36.28239728	-107.76662613
2,400.00	27.17	257.00	2,311.91	-98.16	-425.25	1,922,088.40	2,742,707.75	36.28236916	-107.76677709
2,500.00	27.17	257.00	2,400.88	-108.43	-469.74	1,922,078.14	2,742,663.26	36.28234103	-107.76692806
2,600.00	27.17	257.00	2,489.85	-118.70	-514.22	1,922,067.87	2,742,618.78	36.28231291	-107.76707902
2,700.00	27.17	257.00	2,578.82	-128.97	-558.71	1,922,057.60	2,742,574.29	36.28228478	-107.76722998
2,800.00	27.17	257.00	2,667.79	-139.24	-603.20	1,922,047.33	2,742,529.80	36.28225666	-107.76738094
2,900.00	27.17	257.00	2,756.75	-149.50	-647.68	1,922,037.06	2,742,485.32	36.28222853	-107.76753190
3,000.00	27.17	257.00	2,845.72	-159.77	-692.17	1,922,026.79	2,742,440.83	36.28220041	-107.76768287
3,100.00	27.17	257.00	2,934.69	-170.04	-736.66	1,922,016.52	2,742,396.35	36.28217228	-107.76783383
3,200.00	27.17	257.00	3,023.66	-180.31	-781.14	1,922,006.25	2,742,351.86	36.28214415	-107.76798479
3,272.61	27.17	257.00	3,088.27	-187.77	-813.45	1,921,998.80	2,742,319.56	36.28212373	-107.76809441
Cliff House_Basal									
3,300.00	27.17	257.00	3,112.63	-190.58	-825.63	1,921,995.99	2,742,307.37	36.28211603	-107.76813575

Planning Report - Geographic

Database:	DT_Jan1924v17	**Local Co-ordinate Reference:**	Well Nageezi Unit 215H
Company:	Enduring Resources LLC	**TVD Reference:**	RKB=6826+25 @ 6851.00ft
Project:	San Juan County, New Mexico NAD83 NM W	**MD Reference:**	RKB=6826+25 @ 6851.00ft
Site:	Nageezi Unit (213, 214, 215, 216, 217 & 218)	**North Reference:**	Grid
Well:	Nageezi Unit 215H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Original Hole		
Design:	rev0		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
3,306.28	27.17	257.00	3,118.22	-191.22	-828.42	1,921,995.34	2,742,304.58	36.28211426	-107.76814523
Menefee									
3,400.00	27.17	257.00	3,201.60	-200.85	-870.11	1,921,985.72	2,742,262.89	36.28208790	-107.76828671
3,478.00	27.17	257.00	3,271.00	-208.86	-904.81	1,921,977.71	2,742,228.19	36.28206596	-107.76840447
9-5/8" Intermediate Casing									
3,500.00	27.17	257.00	3,290.57	-211.12	-914.60	1,921,975.45	2,742,218.40	36.28205977	-107.76843767
3,600.00	27.17	257.00	3,379.54	-221.39	-959.09	1,921,965.18	2,742,173.91	36.28203165	-107.76858864
3,700.00	27.17	257.00	3,468.51	-231.65	-1,003.57	1,921,954.91	2,742,129.43	36.28200352	-107.76873960
3,800.00	27.17	257.00	3,557.48	-241.92	-1,048.06	1,921,944.64	2,742,084.94	36.28197539	-107.76889056
3,900.00	27.17	257.00	3,646.45	-252.19	-1,092.54	1,921,934.37	2,742,040.46	36.28194727	-107.76904152
4,000.00	27.17	257.00	3,735.42	-262.46	-1,137.03	1,921,924.10	2,741,995.97	36.28191914	-107.76919248
4,100.00	27.17	257.00	3,824.39	-272.73	-1,181.52	1,921,913.84	2,741,951.48	36.28189101	-107.76934344
4,200.00	27.17	257.00	3,913.36	-283.00	-1,226.00	1,921,903.57	2,741,907.00	36.28186288	-107.76949440
4,300.00	27.17	257.00	4,002.32	-293.27	-1,270.49	1,921,893.30	2,741,862.51	36.28183475	-107.76964536
4,344.22	27.17	257.00	4,041.66	-297.81	-1,290.16	1,921,888.76	2,741,842.84	36.28182232	-107.76971211
Point Lookout									
4,400.00	27.17	257.00	4,091.29	-303.54	-1,314.98	1,921,883.03	2,741,818.03	36.28180663	-107.76979632
4,500.00	27.17	257.00	4,180.26	-313.80	-1,359.46	1,921,872.76	2,741,773.54	36.28177850	-107.76994728
4,557.42	27.17	257.00	4,231.35	-319.70	-1,385.00	1,921,866.87	2,741,748.00	36.28176235	-107.77003396
Mancos									
4,600.00	27.17	257.00	4,269.23	-324.07	-1,403.95	1,921,862.49	2,741,729.05	36.28175037	-107.77009824
4,700.00	27.17	257.00	4,358.20	-334.34	-1,448.43	1,921,852.22	2,741,684.57	36.28172224	-107.77024920
4,800.00	27.17	257.00	4,447.17	-344.61	-1,492.92	1,921,841.96	2,741,640.08	36.28169411	-107.77040016
4,900.00	27.17	257.00	4,536.14	-354.88	-1,537.41	1,921,831.69	2,741,595.60	36.28166598	-107.77055112
4,946.78	27.17	257.00	4,577.76	-359.68	-1,558.22	1,921,826.88	2,741,574.78	36.28165282	-107.77062175
MNCS_A									
5,000.00	27.17	257.00	4,625.11	-365.15	-1,581.89	1,921,821.42	2,741,551.11	36.28163785	-107.77070208
5,047.77	27.17	257.00	4,667.61	-370.05	-1,603.14	1,921,816.51	2,741,529.86	36.28162441	-107.77077420
MNCS_B									
5,100.00	27.17	257.00	4,714.08	-375.42	-1,626.38	1,921,811.15	2,741,506.62	36.28160972	-107.77085304
5,166.72	27.17	257.00	4,773.44	-382.27	-1,656.06	1,921,804.30	2,741,476.94	36.28159095	-107.77095376
MNCS_C									
5,200.00	27.17	257.00	4,803.05	-385.69	-1,670.87	1,921,800.88	2,741,462.14	36.28158159	-107.77100400
5,213.84	27.17	257.00	4,815.36	-387.11	-1,677.02	1,921,799.46	2,741,455.98	36.28157770	-107.77102490
MNCS_Cms									
5,300.00	27.17	257.00	4,892.02	-395.95	-1,715.35	1,921,790.61	2,741,417.65	36.28155346	-107.77115496
5,347.28	27.17	257.00	4,934.08	-400.81	-1,736.38	1,921,785.76	2,741,396.62	36.28154016	-107.77122634
Begin 10°/100' build/turn									
5,350.00	27.36	257.43	4,936.50	-401.08	-1,737.60	1,921,785.48	2,741,395.40	36.28153940	-107.77123046
5,350.74	27.41	257.54	4,937.16	-401.16	-1,737.93	1,921,785.41	2,741,395.07	36.28153920	-107.77123159
MNCS_D									
5,400.00	31.04	264.36	4,980.15	-404.85	-1,761.66	1,921,781.71	2,741,371.35	36.28152909	-107.77131209
5,450.00	35.03	269.91	5,022.07	-406.15	-1,788.85	1,921,780.42	2,741,344.15	36.28152559	-107.77140437
5,478.32	37.39	272.57	5,044.92	-405.77	-1,805.57	1,921,780.79	2,741,327.43	36.28152664	-107.77146110
MNCS_E									
5,500.00	39.22	274.42	5,061.93	-404.95	-1,818.99	1,921,781.62	2,741,314.02	36.28152893	-107.77150661
5,550.00	43.56	278.19	5,099.44	-401.27	-1,851.82	1,921,785.29	2,741,281.18	36.28153909	-107.77161801
5,571.37	45.45	279.62	5,114.68	-398.95	-1,866.62	1,921,787.61	2,741,266.38	36.28154549	-107.77166822
MNCS_F									
5,600.00	48.01	281.39	5,134.30	-395.15	-1,887.11	1,921,791.42	2,741,245.89	36.28155598	-107.77173773
5,650.00	52.53	284.17	5,166.26	-386.62	-1,924.59	1,921,799.95	2,741,208.41	36.28157948	-107.77186487
5,698.58	56.98	286.56	5,194.29	-376.09	-1,962.82	1,921,810.48	2,741,170.18	36.28160847	-107.77199456
MNCS_G									

Planning Report - Geographic

Database:	DT_Jan1924v17	**Local Co-ordinate Reference:**	Well Nageezi Unit 215H
Company:	Enduring Resources LLC	**TVD Reference:**	RKB=6826+25 @ 6851.00ft
Project:	San Juan County, New Mexico NAD83 NM W	**MD Reference:**	RKB=6826+25 @ 6851.00ft
Site:	Nageezi Unit (213, 214, 215, 216, 217 & 218)	**North Reference:**	Grid
Well:	Nageezi Unit 215H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Original Hole		
Design:	rev0		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
5,700.00	57.11	286.63	5,195.06	-375.74	-1,963.97	1,921,810.82	2,741,169.04	36.28160941	-107.77199844
5,750.00	61.73	288.85	5,220.50	-362.62	-2,004.94	1,921,823.95	2,741,128.06	36.28164555	-107.77213745
5,779.87	64.51	290.08	5,234.00	-353.74	-2,030.06	1,921,832.83	2,741,102.94	36.28166999	-107.77222265
MNCS_H									
5,800.00	66.38	290.88	5,242.37	-347.33	-2,047.21	1,921,839.23	2,741,085.79	36.28168761	-107.77228082
5,838.67	70.00	292.35	5,256.73	-334.10	-2,080.58	1,921,852.46	2,741,052.43	36.28172400	-107.77239400
POE @ 5838.67 MD 5256.73 TVD									
5,850.00	71.13	292.35	5,260.50	-330.04	-2,090.46	1,921,856.52	2,741,042.54	36.28173518	-107.77242753
5,895.81	75.71	292.35	5,273.57	-313.35	-2,131.06	1,921,873.22	2,741,001.94	36.28178111	-107.77256524
MNCS_I									
5,900.00	76.13	292.35	5,274.59	-311.80	-2,134.82	1,921,874.76	2,740,998.19	36.28178536	-107.77257799
5,950.00	81.13	292.35	5,284.44	-293.17	-2,180.14	1,921,893.40	2,740,952.87	36.28183663	-107.77273172
6,000.00	86.13	292.35	5,289.98	-274.28	-2,226.08	1,921,912.29	2,740,906.92	36.28188861	-107.77288756
6,040.95	90.23	292.35	5,291.28	-258.71	-2,263.93	1,921,927.85	2,740,869.07	36.28193143	-107.77301595
Begin 90.23° lateral									
6,100.00	90.23	292.35	5,291.04	-236.25	-2,318.54	1,921,950.31	2,740,814.46	36.28199321	-107.77320118
6,200.00	90.23	292.35	5,290.64	-198.22	-2,411.02	1,921,988.34	2,740,721.98	36.28209785	-107.77351489
6,300.00	90.23	292.35	5,290.25	-160.19	-2,503.51	1,922,026.38	2,740,629.50	36.28220248	-107.77382861
6,400.00	90.23	292.35	5,289.85	-122.16	-2,595.99	1,922,064.41	2,740,537.01	36.28230711	-107.77414232
6,500.00	90.23	292.35	5,289.45	-84.12	-2,688.48	1,922,102.44	2,740,444.53	36.28241175	-107.77445604
6,600.00	90.23	292.35	5,289.05	-46.09	-2,780.96	1,922,140.47	2,740,352.04	36.28251638	-107.77476975
6,700.00	90.23	292.35	5,288.65	-8.06	-2,873.45	1,922,178.51	2,740,259.56	36.28262101	-107.77508347
6,800.00	90.23	292.35	5,288.25	29.97	-2,965.93	1,922,216.54	2,740,167.08	36.28272564	-107.77539718
6,900.00	90.23	292.35	5,287.85	68.01	-3,058.41	1,922,254.57	2,740,074.59	36.28283027	-107.77571089
7,000.00	90.23	292.35	5,287.45	106.04	-3,150.90	1,922,292.60	2,739,982.11	36.28293490	-107.77602461
7,100.00	90.23	292.35	5,287.05	144.07	-3,243.38	1,922,330.64	2,739,889.62	36.28303953	-107.77633833
7,200.00	90.23	292.35	5,286.65	182.10	-3,335.87	1,922,368.67	2,739,797.14	36.28314415	-107.77665205
7,300.00	90.23	292.35	5,286.25	220.14	-3,428.35	1,922,406.70	2,739,704.65	36.28324878	-107.77696577
7,400.00	90.23	292.35	5,285.85	258.17	-3,520.84	1,922,444.73	2,739,612.17	36.28335340	-107.77727950
7,500.00	90.23	292.35	5,285.46	296.20	-3,613.32	1,922,482.77	2,739,519.69	36.28345803	-107.77759322
7,600.00	90.23	292.35	5,285.06	334.23	-3,705.80	1,922,520.80	2,739,427.20	36.28356265	-107.77790694
7,700.00	90.23	292.35	5,284.66	372.27	-3,798.29	1,922,558.83	2,739,334.72	36.28366727	-107.77822067
7,800.00	90.23	292.35	5,284.26	410.30	-3,890.77	1,922,596.86	2,739,242.23	36.28377190	-107.77853439
7,900.00	90.23	292.35	5,283.86	448.33	-3,983.26	1,922,634.90	2,739,149.75	36.28387652	-107.77884812
8,000.00	90.23	292.35	5,283.46	486.37	-4,075.74	1,922,672.93	2,739,057.26	36.28398114	-107.77916185
8,100.00	90.23	292.35	5,283.06	524.40	-4,168.23	1,922,710.96	2,738,964.78	36.28408576	-107.77947558
8,200.00	90.23	292.35	5,282.66	562.43	-4,260.71	1,922,748.99	2,738,872.30	36.28419038	-107.77978931
8,300.00	90.23	292.35	5,282.26	600.46	-4,353.20	1,922,787.03	2,738,779.81	36.28429499	-107.78010303
8,400.00	90.23	292.35	5,281.86	638.50	-4,445.68	1,922,825.06	2,738,687.33	36.28439961	-107.78041677
8,500.00	90.23	292.35	5,281.46	676.53	-4,538.16	1,922,863.09	2,738,594.84	36.28450423	-107.78073050
8,600.00	90.23	292.35	5,281.07	714.56	-4,630.65	1,922,901.12	2,738,502.36	36.28460884	-107.78104423
8,700.00	90.23	292.35	5,280.67	752.59	-4,723.13	1,922,939.16	2,738,409.88	36.28471346	-107.78135796
8,800.00	90.23	292.35	5,280.27	790.63	-4,815.62	1,922,977.19	2,738,317.39	36.28481807	-107.78167170
8,900.00	90.23	292.35	5,279.87	828.66	-4,908.10	1,923,015.22	2,738,224.91	36.28492268	-107.78198543
9,000.00	90.23	292.35	5,279.47	866.69	-5,000.59	1,923,053.25	2,738,132.42	36.28502730	-107.78229917
9,100.00	90.23	292.35	5,279.07	904.72	-5,093.07	1,923,091.29	2,738,039.94	36.28513191	-107.78261290
9,200.00	90.23	292.35	5,278.67	942.76	-5,185.56	1,923,129.32	2,737,947.45	36.28523652	-107.78292664
9,300.00	90.23	292.35	5,278.27	980.79	-5,278.04	1,923,167.35	2,737,854.97	36.28534113	-107.78324038
9,400.00	90.23	292.35	5,277.87	1,018.82	-5,370.52	1,923,205.38	2,737,762.49	36.28544574	-107.78355412
9,500.00	90.23	292.35	5,277.47	1,056.85	-5,463.01	1,923,243.42	2,737,670.00	36.28555034	-107.78386786
9,600.00	90.23	292.35	5,277.07	1,094.89	-5,555.49	1,923,281.45	2,737,577.52	36.28565495	-107.78418160
9,700.00	90.23	292.35	5,276.67	1,132.92	-5,647.98	1,923,319.48	2,737,485.03	36.28575956	-107.78449534
9,800.00	90.23	292.35	5,276.28	1,170.95	-5,740.46	1,923,357.51	2,737,392.55	36.28586416	-107.78480908
9,900.00	90.23	292.35	5,275.88	1,208.99	-5,832.95	1,923,395.55	2,737,300.07	36.28596877	-107.78512283

Planning Report - Geographic

Database:	DT_Jan1924v17	**Local Co-ordinate Reference:**	Well Nageezi Unit 215H
Company:	Enduring Resources LLC	**TVD Reference:**	RKB=6826+25 @ 6851.00ft
Project:	San Juan County, New Mexico NAD83 NM W	**MD Reference:**	RKB=6826+25 @ 6851.00ft
Site:	Nageezi Unit (213, 214, 215, 216, 217 & 218)	**North Reference:**	Grid
Well:	Nageezi Unit 215H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Original Hole		
Design:	rev0		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
10,000.00	90.23	292.35	5,275.48	1,247.02	-5,925.43	1,923,433.58	2,737,207.58	36.28607337	-107.78543657
10,100.00	90.23	292.35	5,275.08	1,285.05	-6,017.91	1,923,471.61	2,737,115.10	36.28617798	-107.78575032
10,200.00	90.23	292.35	5,274.68	1,323.08	-6,110.40	1,923,509.64	2,737,022.61	36.28628258	-107.78606406
10,300.00	90.23	292.35	5,274.28	1,361.12	-6,202.88	1,923,547.68	2,736,930.13	36.28638718	-107.78637781
10,400.00	90.23	292.35	5,273.88	1,399.15	-6,295.37	1,923,585.71	2,736,837.64	36.28649178	-107.78669156
10,500.00	90.23	292.35	5,273.48	1,437.18	-6,387.85	1,923,623.74	2,736,745.16	36.28659638	-107.78700530
10,600.00	90.23	292.35	5,273.08	1,475.21	-6,480.34	1,923,661.78	2,736,652.68	36.28670098	-107.78731905
10,700.00	90.23	292.35	5,272.68	1,513.25	-6,572.82	1,923,699.81	2,736,560.19	36.28680558	-107.78763280
10,800.00	90.23	292.35	5,272.28	1,551.28	-6,665.31	1,923,737.84	2,736,467.71	36.28691017	-107.78794655
10,900.00	90.23	292.35	5,271.89	1,589.31	-6,757.79	1,923,775.87	2,736,375.22	36.28701477	-107.78826031
11,000.00	90.23	292.35	5,271.49	1,627.34	-6,850.27	1,923,813.91	2,736,282.74	36.28711937	-107.78857406
11,100.00	90.23	292.35	5,271.09	1,665.38	-6,942.76	1,923,851.94	2,736,190.25	36.28722396	-107.78888781
11,200.00	90.23	292.35	5,270.69	1,703.41	-7,035.24	1,923,889.97	2,736,097.77	36.28732855	-107.78920157
11,300.00	90.23	292.35	5,270.29	1,741.44	-7,127.73	1,923,928.00	2,736,005.29	36.28743315	-107.78951532
11,400.00	90.23	292.35	5,269.89	1,779.47	-7,220.21	1,923,966.04	2,735,912.80	36.28753774	-107.78982908
11,500.00	90.23	292.35	5,269.49	1,817.51	-7,312.70	1,924,004.07	2,735,820.32	36.28764233	-107.79014283
11,600.00	90.23	292.35	5,269.09	1,855.54	-7,405.18	1,924,042.10	2,735,727.83	36.28774692	-107.79045659
11,700.00	90.23	292.35	5,268.69	1,893.57	-7,497.66	1,924,080.13	2,735,635.35	36.28785151	-107.79077035
11,800.00	90.23	292.35	5,268.29	1,931.61	-7,590.15	1,924,118.17	2,735,542.87	36.28795610	-107.79108411
11,900.00	90.23	292.35	5,267.89	1,969.64	-7,682.63	1,924,156.20	2,735,450.38	36.28806069	-107.79139787
12,000.00	90.23	292.35	5,267.50	2,007.67	-7,775.12	1,924,194.23	2,735,357.90	36.28816528	-107.79171163
12,100.00	90.23	292.35	5,267.10	2,045.70	-7,867.60	1,924,232.26	2,735,265.41	36.28826986	-107.79202539
12,200.00	90.23	292.35	5,266.70	2,083.74	-7,960.09	1,924,270.30	2,735,172.93	36.28837445	-107.79233915
12,300.00	90.23	292.35	5,266.30	2,121.77	-8,052.57	1,924,308.33	2,735,080.44	36.28847903	-107.79265292
12,400.00	90.23	292.35	5,265.90	2,159.80	-8,145.06	1,924,346.36	2,734,987.96	36.28858362	-107.79296668
12,500.00	90.23	292.35	5,265.50	2,197.83	-8,237.54	1,924,384.39	2,734,895.48	36.28868820	-107.79328045
12,600.00	90.23	292.35	5,265.10	2,235.87	-8,330.02	1,924,422.43	2,734,802.99	36.28879278	-107.79359421
12,700.00	90.23	292.35	5,264.70	2,273.90	-8,422.51	1,924,460.46	2,734,710.51	36.28889737	-107.79390798
12,800.00	90.23	292.35	5,264.30	2,311.93	-8,514.99	1,924,498.49	2,734,618.02	36.28900195	-107.79422175
12,900.00	90.23	292.35	5,263.90	2,349.96	-8,607.48	1,924,536.52	2,734,525.54	36.28910653	-107.79453551
13,000.00	90.23	292.35	5,263.50	2,388.00	-8,699.96	1,924,574.56	2,734,433.06	36.28921111	-107.79484928
13,100.00	90.23	292.35	5,263.10	2,426.03	-8,792.45	1,924,612.59	2,734,340.57	36.28931568	-107.79516305
13,200.00	90.23	292.35	5,262.71	2,464.06	-8,884.93	1,924,650.62	2,734,248.09	36.28942026	-107.79547682
13,300.00	90.23	292.35	5,262.31	2,502.09	-8,977.41	1,924,688.65	2,734,155.60	36.28952484	-107.79579060
13,400.00	90.23	292.35	5,261.91	2,540.13	-9,069.90	1,924,726.69	2,734,063.12	36.28962941	-107.79610437
13,500.00	90.23	292.35	5,261.51	2,578.16	-9,162.38	1,924,764.72	2,733,970.63	36.28973399	-107.79641814
13,600.00	90.23	292.35	5,261.11	2,616.19	-9,254.87	1,924,802.75	2,733,878.15	36.28983856	-107.79673192
13,700.00	90.23	292.35	5,260.71	2,654.22	-9,347.35	1,924,840.78	2,733,785.67	36.28994314	-107.79704569
13,800.00	90.23	292.35	5,260.31	2,692.26	-9,439.84	1,924,878.82	2,733,693.18	36.29004771	-107.79735947
13,900.00	90.23	292.35	5,259.91	2,730.29	-9,532.32	1,924,916.85	2,733,600.70	36.29015228	-107.79767324
14,000.00	90.23	292.35	5,259.51	2,768.32	-9,624.81	1,924,954.88	2,733,508.21	36.29025685	-107.79798702
14,100.00	90.23	292.35	5,259.11	2,806.36	-9,717.29	1,924,992.91	2,733,415.73	36.29036142	-107.79830080
14,200.00	90.23	292.35	5,258.71	2,844.39	-9,809.77	1,925,030.95	2,733,323.24	36.29046599	-107.79861458
14,300.00	90.23	292.35	5,258.32	2,882.42	-9,902.26	1,925,068.98	2,733,230.76	36.29057056	-107.79892836
14,400.00	90.23	292.35	5,257.92	2,920.45	-9,994.74	1,925,107.01	2,733,138.28	36.29067513	-107.79924214
14,500.00	90.23	292.35	5,257.52	2,958.49	-10,087.23	1,925,145.04	2,733,045.79	36.29077969	-107.79955592
14,600.00	90.23	292.35	5,257.12	2,996.52	-10,179.71	1,925,183.08	2,732,953.31	36.29088426	-107.79986971
14,700.00	90.23	292.35	5,256.72	3,034.55	-10,272.20	1,925,221.11	2,732,860.82	36.29098883	-107.80018349
14,800.00	90.23	292.35	5,256.32	3,072.58	-10,364.68	1,925,259.14	2,732,768.34	36.29109339	-107.80049727
14,900.00	90.23	292.35	5,255.92	3,110.62	-10,457.16	1,925,297.17	2,732,675.86	36.29119795	-107.80081106
15,000.00	90.23	292.35	5,255.52	3,148.65	-10,549.65	1,925,335.21	2,732,583.37	36.29130252	-107.80112484
15,100.00	90.23	292.35	5,255.12	3,186.68	-10,642.13	1,925,373.24	2,732,490.89	36.29140708	-107.80143863
15,200.00	90.23	292.35	5,254.72	3,224.71	-10,734.62	1,925,411.27	2,732,398.40	36.29151164	-107.80175242
15,300.00	90.23	292.35	5,254.32	3,262.75	-10,827.10	1,925,449.30	2,732,305.92	36.29161620	-107.80206621
15,400.00	90.23	292.35	5,253.92	3,300.78	-10,919.59	1,925,487.34	2,732,213.43	36.29172076	-107.80238000

Planning Report - Geographic

Database:	DT_Jan1924v17	**Local Co-ordinate Reference:**	Well Nageezi Unit 215H
Company:	Enduring Resources LLC	**TVD Reference:**	RKB=6826+25 @ 6851.00ft
Project:	San Juan County, New Mexico NAD83 NM W	**MD Reference:**	RKB=6826+25 @ 6851.00ft
Site:	Nageezi Unit (213, 214, 215, 216, 217 & 218)	**North Reference:**	Grid
Well:	Nageezi Unit 215H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Original Hole		
Design:	rev0		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
15,500.00	90.23	292.35	5,253.53	3,338.81	-11,012.07	1,925,525.37	2,732,120.95	36.29182532	-107.80269379
15,600.00	90.23	292.35	5,253.13	3,376.84	-11,104.56	1,925,563.40	2,732,028.47	36.29192987	-107.80300758
15,631.68	90.23	292.35	5,253.00	3,388.89	-11,133.86	1,925,575.45	2,731,999.16	36.29196300	-107.80310700
PBHL @ 15631.68 MD 5253.00 TVD									

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (usft)	Easting (usft)	Latitude	Longitude
Nageezi 215H BHL 142 - plan hits target center - Point	0.00	0.00	5,253.00	3,388.89	-11,133.86	1,925,575.45	2,731,999.16	36.29196300	-107.80310700
Nageezi 215H 0 VS - plan misses target center by 1485.55ft at 5142.42ft MD (4751.82 TVD, -379.77 N, -1645.25 E) - Point	0.00	0.00	5,301.00	-988.51	-406.42	1,921,198.06	2,742,726.58	36.27992328	-107.76671527
Nageezi 215H PPP/POE - plan misses target center by 41.81ft at 5851.31ft MD (5260.92 TVD, -329.57 N, -2091.61 E) - Point	0.00	0.00	5,301.00	-334.10	-2,080.58	1,921,852.46	2,741,052.43	36.28172400	-107.77239400

Casing Points

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")
350.00	350.00	13-3/8" Surface Casing	13-3/8	17-1/2
3,478.00	3,271.00	9-5/8" Intermediate Casing	9-5/8	12-1/4

Planning Report - Geographic

Database:	DT_Jan1924v17	**Local Co-ordinate Reference:**	Well Nageezi Unit 215H
Company:	Enduring Resources LLC	**TVD Reference:**	RKB=6826+25 @ 6851.00ft
Project:	San Juan County, New Mexico NAD83 NM W	**MD Reference:**	RKB=6826+25 @ 6851.00ft
Site:	Nageezi Unit (213, 214, 215, 216, 217 & 218)	**North Reference:**	Grid
Well:	Nageezi Unit 215H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Original Hole		
Design:	rev0		

Formations

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
831.00	831.00	Ojo Alamo		-0.23	292.35
956.00	956.00	Kirtland		-0.23	292.35
1,246.63	1,245.95	Fruitland		-0.23	292.35
1,600.54	1,590.69	Pictured Cliffs		-0.23	292.35
1,717.31	1,700.56	Lewis		-0.23	292.35
2,049.53	2,000.09	Chacra_A		-0.23	292.35
3,272.61	3,088.27	Cliff House_Basal		-0.23	292.35
3,306.28	3,118.22	Menefee		-0.23	292.35
4,344.22	4,041.66	Point Lookout		-0.23	292.35
4,557.42	4,231.35	Mancos		-0.23	292.35
4,946.78	4,577.76	MNCS_A		-0.23	292.35
5,047.77	4,667.61	MNCS_B		-0.23	292.35
5,166.72	4,773.44	MNCS_C		-0.23	292.35
5,213.84	4,815.36	MNCS_Cms		-0.23	292.35
5,350.74	4,937.16	MNCS_D		-0.23	292.35
5,478.32	5,044.92	MNCS_E		-0.23	292.35
5,571.37	5,114.68	MNCS_F		-0.23	292.35
5,698.58	5,194.29	MNCS_G		-0.23	292.35
5,779.87	5,234.00	MNCS_H		-0.23	292.35
5,895.81	5,273.57	MNCS_I		-0.23	292.35

Plan Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates +N/-S (ft)	Local Coordinates +E/-W (ft)	Comment
1,000.00	1,000.00	0.00	0.00	KOP Begin 3°/100' build
1,905.51	1,871.96	-47.38	-205.27	Begin 27.17° tangent
5,347.28	4,934.08	-400.81	-1,736.38	Begin 10°/100' build/turn
5,838.67	5,256.73	-334.10	-2,080.58	POE @ 5838.67 MD 5256.73 TVD
6,040.95	5,291.28	-258.71	-2,263.93	Begin 90.23° lateral
15,631.68	5,253.00	3,388.89	-11,133.86	PBHL @ 15631.68 MD 5253.00 TVD

Anticollision Report

Company:	Enduring Resources LLC	**Local Co-ordinate Reference:**	Well Nageezi Unit 215H
Project:	San Juan County, New Mexico NAD83 NM W	**TVD Reference:**	RKB=6826+25 @ 6851.00ft
Reference Site:	Nageezi Unit (213, 214, 215, 216, 217 & 218)	**MD Reference:**	RKB=6826+25 @ 6851.00ft
Site Error:	0.00 ft	**North Reference:**	Grid
Reference Well:	Nageezi Unit 215H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Original Hole	**Database:**	DT_Jan1924v17
Reference Design:	rev0	**Offset TVD Reference:**	Offset Datum

Reference rev0

Filter type:	GLOBAL FILTER APPLIED: All wellpaths within 200'+ 100/1000 of reference		
Interpolation Method:	MD Interval 100.00ft	**Error Model:**	ISCWSA
Depth Range:	Unlimited	**Scan Method:**	Closest Approach 3D
Results Limited by:	Maximum centre distance of 1,763.17ft	**Error Surface:**	Ellipsoid Separation
Warning Levels Evaluated at:	2.00 **Sigma**	**Casing Method:**	Not applied

Survey Tool Program **Date** 2/8/2024

From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
0.00	15,631.65	rev0 (Original Hole)	MWD	OWSG MWD - Standard

Summary

Site Name / Offset Well - Wellbore - Design	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
Nageezi Unit (213, 214, 215, 216, 217 & 218)						
Nageezi Unit 213H - Original Hole - rev0	1,000.00	1,000.00	20.08	13.09	2.873	CC, ES
Nageezi Unit 213H - Original Hole - rev0	1,100.00	1,099.95	21.71	14.01	2.820	SF
Nageezi Unit 214H - Original Hole - rev0	1,000.00	1,000.00	60.14	53.15	8.604	CC
Nageezi Unit 214H - Original Hole - rev0	1,100.00	1,100.99	60.82	53.13	7.906	ES
Nageezi Unit 214H - Original Hole - rev0	1,400.00	1,403.59	71.15	61.30	7.224	SF
Nageezi Unit 216H - Original Hole - rev0	1,000.00	1,000.00	40.17	33.18	5.747	CC
Nageezi Unit 216H - Original Hole - rev0	1,100.00	1,100.96	40.49	32.80	5.265	ES
Nageezi Unit 216H - Original Hole - rev0	14,300.00	14,026.50	1,759.86	1,292.89	3.769	SF
Nageezi Unit 217H - Original Hole - rev0	1,296.00	1,294.82	32.46	23.38	3.574	CC
Nageezi Unit 217H - Original Hole - rev0	1,300.00	1,298.77	32.47	23.36	3.564	ES, SF
Nageezi Unit 218H - Original Hole - rev0	656.60	656.77	18.91	14.39	4.186	CC, ES
Nageezi Unit 218H - Original Hole - rev0	700.00	700.00	19.34	14.52	4.009	SF

Offset Design: Nageezi Unit (213, 214, 215, 216, 217 & 218) - Nageezi Unit 213H - Original Hole - rev0

Offset Site Error: 0.00 ft

Survey Program: 0-MWD

Rule Assigned:

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	0.00	0.00	22.39	18.57	7.65	20.08				
100.00	100.00	100.00	100.00	0.27	0.27	22.39	18.57	7.65	20.08	19.55	0.54	37.352	
200.00	200.00	200.00	200.00	0.63	0.63	22.39	18.57	7.65	20.08	18.83	1.25	16.008	
300.00	300.00	300.00	300.00	0.99	0.99	22.39	18.57	7.65	20.08	18.11	1.97	10.187	
400.00	400.00	400.00	400.00	1.34	1.34	22.39	18.57	7.65	20.08	17.40	2.69	7.470	
500.00	500.00	500.00	500.00	1.70	1.70	22.39	18.57	7.65	20.08	16.68	3.41	5.898	
600.00	600.00	600.00	600.00	2.06	2.06	22.39	18.57	7.65	20.08	15.96	4.12	4.872	
700.00	700.00	700.00	700.00	2.42	2.42	22.39	18.57	7.65	20.08	15.25	4.84	4.150	
800.00	800.00	800.00	800.00	2.78	2.78	22.39	18.57	7.65	20.08	14.53	5.56	3.615	
900.00	900.00	900.00	900.00	3.14	3.14	22.39	18.57	7.65	20.08	13.81	6.27	3.202	
1,000.00	1,000.00	1,000.00	1,000.00	3.50	3.50	22.39	18.57	7.65	20.08	13.09	6.99	2.873	CC, ES
1,100.00	1,099.95	1,099.95	1,099.95	3.84	3.85	130.99	18.57	7.65	21.71	14.01	7.70	2.820	SF
1,200.00	1,199.63	1,199.63	1,199.63	4.19	4.21	143.31	18.57	7.65	27.50	19.10	8.40	3.274	
1,300.00	1,298.77	1,297.11	1,297.06	4.54	4.55	156.70	18.62	10.12	40.81	31.72	9.08	4.492	
1,400.00	1,397.08	1,391.52	1,391.20	4.92	4.88	166.55	18.75	17.24	64.65	54.91	9.74	6.640	
1,500.00	1,494.31	1,481.61	1,480.59	5.33	5.20	172.36	18.96	28.37	98.69	88.34	10.35	9.537	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

Company:	Enduring Resources LLC	**Local Co-ordinate Reference:**	Well Nageezi Unit 215H
Project:	San Juan County, New Mexico NAD83 NM W	**TVD Reference:**	RKB=6826+25 @ 6851.00ft
Reference Site:	Nageezi Unit (213, 214, 215, 216, 217 & 218)	**MD Reference:**	RKB=6826+25 @ 6851.00ft
Site Error:	0.00 ft	**North Reference:**	Grid
Reference Well:	Nageezi Unit 215H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Original Hole	**Database:**	DT_Jan1924v17
Reference Design:	rev0	**Offset TVD Reference:**	Offset Datum

Offset Design: Nageezi Unit (213, 214, 215, 216, 217 & 218) - Nageezi Unit 213H - Original Hole - rev0

Offset Site Error: 0.00 ft

Survey Program: 0-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Rule Assigned: Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
1,600.00	1,590.18	1,566.31	1,564.07	5.78	5.52	175.80	19.22	42.66	142.09	131.17	10.92	13.013	
1,700.00	1,684.43	1,644.87	1,640.86	6.29	5.82	177.97	19.53	59.22	193.99	182.55	11.45	16.950	
1,800.00	1,776.81	1,721.81	1,715.47	6.86	6.14	179.47	19.88	78.00	253.14	241.14	11.99	21.108	
1,900.00	1,867.06	1,798.81	1,790.07	7.52	6.47	-179.49	20.24	97.07	316.80	304.22	12.58	25.174	
2,000.00	1,956.03	1,873.94	1,862.86	8.24	6.80	-178.81	20.59	115.68	382.72	369.55	13.16	29.077	
2,100.00	2,045.00	1,949.07	1,935.65	8.99	7.14	-178.33	20.93	134.29	448.66	434.92	13.74	32.658	
2,200.00	2,133.97	2,024.20	2,008.44	9.78	7.49	-177.98	21.28	152.90	514.62	500.30	14.32	35.928	
2,300.00	2,222.94	2,099.33	2,081.22	10.58	7.84	-177.70	21.63	171.50	580.59	565.67	14.92	38.921	
2,400.00	2,311.91	2,174.46	2,154.01	11.41	8.20	-177.48	21.97	190.11	646.56	631.04	15.52	41.665	
2,500.00	2,400.88	2,249.59	2,226.80	12.24	8.57	-177.30	22.32	208.72	712.54	696.41	16.12	44.188	
2,600.00	2,489.85	2,324.72	2,299.59	13.09	8.94	-177.15	22.67	227.33	778.52	761.78	16.74	46.512	
2,700.00	2,578.82	2,399.85	2,372.38	13.95	9.31	-177.03	23.01	245.94	844.50	827.14	17.36	48.658	
2,800.00	2,667.79	2,474.98	2,445.16	14.81	9.69	-176.92	23.36	264.55	910.48	892.50	17.98	50.642	
2,900.00	2,756.75	2,550.11	2,517.95	15.68	10.07	-176.83	23.71	283.16	976.47	957.86	18.61	52.482	
3,000.00	2,845.72	2,625.24	2,590.74	16.56	10.45	-176.75	24.06	301.77	1,042.46	1,023.22	19.24	54.191	
3,100.00	2,934.69	2,700.37	2,663.53	17.43	10.83	-176.68	24.40	320.37	1,108.45	1,088.57	19.87	55.782	
3,200.00	3,023.66	2,775.50	2,736.32	18.32	11.22	-176.61	24.75	338.98	1,174.43	1,153.93	20.51	57.265	
3,300.00	3,112.63	2,850.63	2,809.10	19.20	11.61	-176.56	25.10	357.59	1,240.43	1,219.28	21.15	58.651	
3,400.00	3,201.60	2,925.76	2,881.89	20.09	12.00	-176.51	25.44	376.20	1,306.42	1,284.62	21.79	59.948	
3,500.00	3,290.57	3,000.89	2,954.68	20.99	12.39	-176.46	25.79	394.81	1,372.41	1,349.97	22.44	61.164	
3,600.00	3,379.54	3,076.02	3,027.47	21.88	12.78	-176.42	26.14	413.42	1,438.40	1,415.31	23.09	62.305	
3,700.00	3,468.51	3,151.15	3,100.26	22.78	13.18	-176.38	26.49	432.03	1,504.39	1,480.65	23.74	63.378	
3,800.00	3,557.48	3,226.28	3,173.04	23.67	13.57	-176.35	26.83	450.64	1,570.38	1,545.99	24.39	64.389	
3,900.00	3,646.45	3,301.41	3,245.83	24.57	13.97	-176.31	27.18	469.24	1,636.38	1,611.33	25.04	65.343	
4,000.00	3,735.42	3,376.54	3,318.62	25.47	14.37	-176.28	27.53	487.85	1,702.37	1,676.67	25.70	66.243	

Anticollision Report

Company:	Enduring Resources LLC	**Local Co-ordinate Reference:**	Well Nageezi Unit 215H
Project:	San Juan County, New Mexico NAD83 NM W	**TVD Reference:**	RKB=6826+25 @ 6851.00ft
Reference Site:	Nageezi Unit (213, 214, 215, 216, 217 & 218)	**MD Reference:**	RKB=6826+25 @ 6851.00ft
Site Error:	0.00 ft	**North Reference:**	Grid
Reference Well:	Nageezi Unit 215H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Original Hole	**Database:**	DT_Jan1924v17
Reference Design:	rev0	**Offset TVD Reference:**	Offset Datum

Offset Design: Nageezi Unit (213, 214, 215, 216, 217 & 218) - Nageezi Unit 214H - Original Hole - rev0

Offset Site Error: 0.00 ft

Survey Program: 0-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Rule Assigned: Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	0.00	0.00	22.13	55.71	22.65	60.14				
100.00	100.00	100.00	100.00	0.27	0.27	22.13	55.71	22.65	60.14	59.60	0.54	111.849	
200.00	200.00	200.00	200.00	0.63	0.63	22.13	55.71	22.65	60.14	58.89	1.25	47.935	
300.00	300.00	300.00	300.00	0.99	0.99	22.13	55.71	22.65	60.14	58.17	1.97	30.504	
400.00	400.00	400.00	400.00	1.34	1.34	22.13	55.71	22.65	60.14	57.45	2.69	22.370	
500.00	500.00	500.00	500.00	1.70	1.70	22.13	55.71	22.65	60.14	56.74	3.41	17.660	
600.00	600.00	600.00	600.00	2.06	2.06	22.13	55.71	22.65	60.14	56.02	4.12	14.589	
700.00	700.00	700.00	700.00	2.42	2.42	22.13	55.71	22.65	60.14	55.30	4.84	12.428	
800.00	800.00	800.00	800.00	2.78	2.78	22.13	55.71	22.65	60.14	54.59	5.56	10.824	
900.00	900.00	900.00	900.00	3.14	3.14	22.13	55.71	22.65	60.14	53.87	6.27	9.587	
1,000.00	1,000.00	1,000.00	1,000.00	3.50	3.50	22.13	55.71	22.65	60.14	53.15	6.99	8.604	CC
1,100.00	1,099.95	1,100.99	1,100.95	3.84	3.85	124.76	55.89	19.99	60.82	53.13	7.69	7.906	ES
1,200.00	1,199.63	1,201.95	1,201.57	4.19	4.20	123.70	56.42	12.01	62.86	54.47	8.39	7.496	
1,300.00	1,298.77	1,302.83	1,301.56	4.54	4.57	122.09	57.30	-1.25	66.29	57.19	9.10	7.286	
1,400.00	1,397.08	1,403.59	1,400.60	4.92	4.95	120.09	58.53	-19.74	71.15	61.30	9.85	7.224	SF
1,500.00	1,494.31	1,504.21	1,498.37	5.33	5.37	117.89	60.10	-43.37	77.48	66.82	10.66	7.268	
1,600.00	1,590.18	1,604.65	1,594.60	5.78	5.83	115.63	62.00	-72.05	85.29	73.74	11.55	7.383	
1,700.00	1,684.43	1,704.87	1,688.98	6.29	6.34	113.43	64.23	-105.67	94.59	82.03	12.56	7.534	
1,800.00	1,776.81	1,804.86	1,781.24	6.86	6.92	111.36	66.78	-144.07	105.36	91.67	13.69	7.695	
1,900.00	1,867.06	1,904.58	1,871.13	7.52	7.58	109.45	69.64	-187.13	117.58	102.60	14.99	7.846	
2,000.00	1,956.03	2,003.77	1,958.89	8.24	8.32	107.74	72.71	-233.27	130.58	114.16	16.42	7.952	
2,100.00	2,045.00	2,102.86	2,046.47	8.99	9.09	106.30	75.78	-279.50	143.66	125.73	17.93	8.011	
2,200.00	2,133.97	2,201.94	2,134.05	9.78	9.89	105.10	78.85	-325.74	156.82	137.32	19.51	8.040	
2,300.00	2,222.94	2,301.02	2,221.63	10.58	10.72	104.08	81.91	-371.97	170.04	148.92	21.12	8.050	
2,400.00	2,311.91	2,400.10	2,309.21	11.41	11.57	103.21	84.98	-418.20	183.30	160.53	22.78	8.048	
2,500.00	2,400.88	2,499.18	2,396.79	12.24	12.43	102.46	88.05	-464.43	196.60	172.14	24.46	8.039	
2,600.00	2,489.85	2,598.26	2,484.37	13.09	13.30	101.81	91.12	-510.66	209.92	183.76	26.16	8.025	
2,700.00	2,578.82	2,697.34	2,571.95	13.95	14.18	101.23	94.19	-556.90	223.27	195.39	27.88	8.008	
2,800.00	2,667.79	2,796.42	2,659.53	14.81	15.07	100.72	97.26	-603.13	236.64	207.03	29.62	7.990	
2,900.00	2,756.75	2,895.51	2,747.11	15.68	15.96	100.26	100.33	-649.36	250.03	218.67	31.36	7.972	
3,000.00	2,845.72	2,994.59	2,834.69	16.56	16.86	99.85	103.40	-695.59	263.43	230.31	33.12	7.953	
3,100.00	2,934.69	3,093.67	2,922.27	17.43	17.77	99.48	106.47	-741.82	276.84	241.95	34.89	7.935	
3,200.00	3,023.66	3,192.75	3,009.85	18.32	18.67	99.14	109.54	-788.06	290.27	253.60	36.67	7.917	
3,300.00	3,112.63	3,291.83	3,097.43	19.20	19.59	98.84	112.61	-834.29	303.70	265.25	38.45	7.899	
3,400.00	3,201.60	3,390.91	3,185.01	20.09	20.50	98.55	115.68	-880.52	317.14	276.90	40.23	7.883	
3,500.00	3,290.57	3,489.99	3,272.59	20.99	21.42	98.30	118.75	-926.75	330.58	288.56	42.02	7.867	
3,600.00	3,379.54	3,589.08	3,360.17	21.88	22.34	98.06	121.82	-972.98	344.04	300.22	43.82	7.851	
3,700.00	3,468.51	3,688.16	3,447.75	22.78	23.26	97.84	124.89	-1,019.22	357.49	311.88	45.62	7.837	
3,800.00	3,557.48	3,787.24	3,535.33	23.67	24.19	97.63	127.96	-1,065.45	370.96	323.54	47.42	7.823	
3,900.00	3,646.45	3,886.32	3,622.91	24.57	25.11	97.44	131.03	-1,111.68	384.42	335.20	49.22	7.810	
4,000.00	3,735.42	3,985.40	3,710.49	25.47	26.04	97.27	134.10	-1,157.91	397.89	346.86	51.03	7.797	
4,100.00	3,824.39	4,086.01	3,799.76	26.38	26.96	97.20	137.18	-1,204.22	411.27	358.42	52.85	7.782	
4,200.00	3,913.36	4,188.03	3,892.37	27.28	27.82	97.78	140.01	-1,246.87	424.04	369.43	54.61	7.764	
4,300.00	4,002.32	4,289.49	3,986.61	28.18	28.59	99.04	142.50	-1,284.34	436.27	380.01	56.26	7.755	
4,400.00	4,091.29	4,389.84	4,081.66	29.09	29.25	100.88	144.63	-1,316.44	448.27	390.53	57.74	7.763	
4,500.00	4,180.26	4,488.55	4,176.67	29.99	29.82	103.24	146.40	-1,343.11	460.51	401.48	59.03	7.801	
4,600.00	4,269.23	4,585.15	4,270.87	30.90	30.30	106.02	147.81	-1,364.43	473.54	413.47	60.08	7.882	
4,700.00	4,358.20	4,679.24	4,363.54	31.81	30.69	109.12	148.89	-1,380.60	488.00	427.16	60.83	8.022	
4,800.00	4,447.17	4,770.47	4,454.05	32.71	31.01	112.45	149.64	-1,391.92	504.51	443.24	61.27	8.234	
4,900.00	4,536.14	4,858.57	4,541.88	33.62	31.26	115.91	150.09	-1,398.74	523.70	462.32	61.38	8.533	
5,000.00	4,625.11	4,943.35	4,626.60	34.53	31.46	119.41	150.28	-1,401.49	546.09	484.93	61.15	8.930	
5,100.00	4,714.08	5,030.82	4,714.08	35.44	31.63	123.02	150.28	-1,401.59	571.74	511.01	60.73	9.415	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

Company:	Enduring Resources LLC	**Local Co-ordinate Reference:**	Well Nageezi Unit 215H
Project:	San Juan County, New Mexico NAD83 NM W	**TVD Reference:**	RKB=6826+25 @ 6851.00ft
Reference Site:	Nageezi Unit (213, 214, 215, 216, 217 & 218)	**MD Reference:**	RKB=6826+25 @ 6851.00ft
Site Error:	0.00 ft	**North Reference:**	Grid
Reference Well:	Nageezi Unit 215H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Original Hole	**Database:**	DT_Jan1924v17
Reference Design:	rev0	**Offset TVD Reference:**	Offset Datum

Offset Design: Nageezi Unit (213, 214, 215, 216, 217 & 218) - Nageezi Unit 214H - Original Hole - rev0

Offset Site Error: 0.00 ft

Survey Program: 0-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
5,200.00	4,803.05	5,107.78	4,790.99	36.35	31.79	125.82	151.44	-1,402.90	600.38	540.15	60.23	9.969	
5,300.00	4,892.02	5,180.90	4,863.33	37.26	32.04	127.51	158.28	-1,410.67	633.11	573.03	60.08	10.538	
5,400.00	4,980.15	5,255.60	4,935.25	38.20	32.40	119.98	171.48	-1,425.68	668.62	608.24	60.39	11.072	
5,500.00	5,061.93	5,330.46	5,004.10	39.33	32.87	109.02	190.80	-1,447.64	704.39	643.45	60.94	11.559	
5,600.00	5,134.30	5,406.05	5,069.16	40.65	33.47	101.64	216.15	-1,476.45	739.30	677.55	61.75	11.972	
5,700.00	5,195.06	5,483.12	5,129.71	42.13	34.21	96.54	247.58	-1,512.18	772.60	709.66	62.94	12.275	
5,800.00	5,242.37	5,562.54	5,184.84	43.73	35.10	93.08	285.28	-1,555.04	803.58	739.02	64.56	12.447	
5,900.00	5,274.59	5,644.89	5,233.11	45.42	36.16	91.35	329.29	-1,605.06	832.69	766.01	66.67	12.489	
6,000.00	5,289.98	5,729.78	5,272.35	47.21	37.39	90.06	378.96	-1,661.51	863.57	794.29	69.29	12.464	
6,100.00	5,291.04	5,818.98	5,301.14	49.05	38.79	90.60	434.66	-1,724.83	895.95	823.52	72.43	12.370	
6,200.00	5,290.64	5,915.36	5,317.16	50.94	40.39	91.65	497.36	-1,796.10	928.80	852.66	76.14	12.198	
6,300.00	5,290.25	6,012.03	5,319.37	52.88	42.05	91.76	561.18	-1,868.63	961.40	881.47	79.92	12.029	
6,400.00	5,289.85	6,106.58	5,319.82	54.87	43.72	91.75	623.64	-1,939.62	993.95	910.29	83.66	11.881	
6,500.00	5,289.45	6,201.14	5,320.27	56.90	45.44	91.74	686.10	-2,010.61	1,026.50	939.03	87.47	11.735	
6,600.00	5,289.05	6,295.69	5,320.72	58.97	47.19	91.73	748.56	-2,081.60	1,059.04	967.69	91.36	11.593	
6,700.00	5,288.65	6,390.25	5,321.17	61.07	48.99	91.73	811.01	-2,152.59	1,091.59	996.29	95.30	11.454	
6,800.00	5,288.25	6,484.80	5,321.62	63.20	50.82	91.72	873.47	-2,223.58	1,124.14	1,024.83	99.31	11.320	
6,900.00	5,287.85	6,579.36	5,322.08	65.37	52.68	91.71	935.93	-2,294.57	1,156.69	1,053.33	103.36	11.191	
7,000.00	5,287.45	6,673.91	5,322.53	67.55	54.57	91.71	998.39	-2,365.55	1,189.24	1,081.78	107.45	11.067	
7,100.00	5,287.05	6,768.46	5,322.98	69.76	56.48	91.70	1,060.85	-2,436.54	1,221.79	1,110.20	111.59	10.949	
7,200.00	5,286.65	6,863.02	5,323.43	72.00	58.41	91.70	1,123.31	-2,507.53	1,254.33	1,138.58	115.76	10.836	
7,300.00	5,286.25	6,957.57	5,323.88	74.25	60.37	91.69	1,185.76	-2,578.52	1,286.88	1,166.93	119.95	10.728	
7,400.00	5,285.85	7,052.13	5,324.33	76.51	62.34	91.69	1,248.22	-2,649.51	1,319.43	1,195.25	124.18	10.625	
7,500.00	5,285.46	7,146.68	5,324.78	78.80	64.33	91.68	1,310.68	-2,720.50	1,351.98	1,223.55	128.43	10.527	
7,600.00	5,285.06	7,241.24	5,325.23	81.09	66.33	91.68	1,373.14	-2,791.49	1,384.53	1,251.83	132.70	10.434	
7,700.00	5,284.66	7,335.79	5,325.68	83.40	68.34	91.68	1,435.60	-2,862.47	1,417.08	1,280.08	136.99	10.344	
7,800.00	5,284.26	7,430.35	5,326.14	85.73	70.37	91.67	1,498.05	-2,933.46	1,449.62	1,308.32	141.30	10.259	
7,900.00	5,283.86	7,524.90	5,326.59	88.06	72.41	91.67	1,560.51	-3,004.45	1,482.17	1,336.54	145.63	10.178	
8,000.00	5,283.46	7,619.46	5,327.04	90.40	74.46	91.66	1,622.97	-3,075.44	1,514.72	1,364.75	149.97	10.100	
8,100.00	5,283.06	7,714.01	5,327.49	92.76	76.52	91.66	1,685.43	-3,146.43	1,547.27	1,392.94	154.33	10.026	
8,200.00	5,282.66	7,808.57	5,327.94	95.12	78.59	91.66	1,747.89	-3,217.42	1,579.82	1,421.12	158.70	9.955	
8,300.00	5,282.26	7,903.12	5,328.39	97.49	80.66	91.66	1,810.35	-3,288.40	1,612.37	1,449.28	163.08	9.887	
8,400.00	5,281.86	7,997.68	5,328.84	99.87	82.75	91.65	1,872.80	-3,359.39	1,644.91	1,477.44	167.48	9.822	
8,500.00	5,281.46	8,092.23	5,329.29	102.25	84.84	91.65	1,935.26	-3,430.38	1,677.46	1,505.58	171.88	9.760	
8,600.00	5,281.07	8,186.79	5,329.74	104.64	86.93	91.65	1,997.72	-3,501.37	1,710.01	1,533.72	176.29	9.700	
8,700.00	5,280.67	8,281.34	5,330.20	107.04	89.04	91.64	2,060.18	-3,572.36	1,742.56	1,561.85	180.71	9.643	

Anticollision Report

Company:	Enduring Resources LLC	**Local Co-ordinate Reference:**	Well Nageezi Unit 215H
Project:	San Juan County, New Mexico NAD83 NM W	**TVD Reference:**	RKB=6826+25 @ 6851.00ft
Reference Site:	Nageezi Unit (213, 214, 215, 216, 217 & 218)	**MD Reference:**	RKB=6826+25 @ 6851.00ft
Site Error:	0.00 ft	**North Reference:**	Grid
Reference Well:	Nageezi Unit 215H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Original Hole	**Database:**	DT_Jan1924v17
Reference Design:	rev0	**Offset TVD Reference:**	Offset Datum

Offset Design: Nageezi Unit (213, 214, 215, 216, 217 & 218) - Nageezi Unit 216H - Original Hole - rev0

Offset Site Error: 0.00 ft

Survey Program: 0-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Rule Assigned: Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	0.00	0.00	22.39	37.14	15.30	40.17				
100.00	100.00	100.00	100.00	0.27	0.27	22.39	37.14	15.30	40.17	39.63	0.54	74.705	
200.00	200.00	200.00	200.00	0.63	0.63	22.39	37.14	15.30	40.17	38.91	1.25	32.016	
300.00	300.00	300.00	300.00	0.99	0.99	22.39	37.14	15.30	40.17	38.20	1.97	20.374	
400.00	400.00	400.00	400.00	1.34	1.34	22.39	37.14	15.30	40.17	37.48	2.69	14.941	
500.00	500.00	500.00	500.00	1.70	1.70	22.39	37.14	15.30	40.17	36.76	3.41	11.795	
600.00	600.00	600.00	600.00	2.06	2.06	22.39	37.14	15.30	40.17	36.05	4.12	9.744	
700.00	700.00	700.00	700.00	2.42	2.42	22.39	37.14	15.30	40.17	35.33	4.84	8.301	
800.00	800.00	800.00	800.00	2.78	2.78	22.39	37.14	15.30	40.17	34.61	5.56	7.229	
900.00	900.00	900.00	900.00	3.14	3.14	22.39	37.14	15.30	40.17	33.90	6.27	6.403	
1,000.00	1,000.00	1,000.00	1,000.00	3.50	3.50	22.39	37.14	15.30	40.17	33.18	6.99	5.747 CC	
1,100.00	1,099.95	1,100.96	1,100.92	3.84	3.85	125.06	36.93	12.64	40.49	32.80	7.69	5.265 ES	
1,200.00	1,199.63	1,201.91	1,201.54	4.19	4.20	124.13	36.28	4.67	41.44	33.06	8.38	4.947	
1,300.00	1,298.77	1,302.84	1,301.57	4.54	4.56	122.66	35.21	-8.58	43.05	33.97	9.08	4.741	
1,400.00	1,397.08	1,403.73	1,400.73	4.92	4.95	120.78	33.71	-27.08	45.34	35.52	9.82	4.617	
1,500.00	1,494.31	1,504.58	1,498.73	5.33	5.36	118.63	31.80	-50.75	48.33	37.72	10.62	4.552	
1,600.00	1,590.18	1,605.38	1,595.29	5.78	5.82	116.35	29.47	-79.53	52.05	40.55	11.50	4.527	
1,700.00	1,684.43	1,706.10	1,690.13	6.29	6.34	114.04	26.74	-113.33	56.50	44.01	12.49	4.523	
1,800.00	1,776.81	1,806.76	1,782.98	6.86	6.92	111.80	23.61	-152.03	61.70	48.07	13.63	4.528	
1,900.00	1,867.06	1,907.01	1,873.50	7.52	7.58	110.07	20.14	-194.94	67.73	52.81	14.91	4.541	
2,000.00	1,956.03	2,006.77	1,963.22	8.24	8.29	110.23	16.62	-238.43	74.59	58.31	16.28	4.583	
2,100.00	2,045.00	2,106.53	2,052.94	8.99	9.02	110.37	13.11	-281.92	81.45	63.75	17.70	4.601	
2,200.00	2,133.97	2,206.30	2,142.66	9.78	9.78	110.49	9.59	-325.41	88.32	69.14	19.18	4.606	
2,300.00	2,222.94	2,306.06	2,232.38	10.58	10.56	110.60	6.07	-368.89	95.18	74.49	20.69	4.601	
2,400.00	2,311.91	2,405.83	2,322.09	11.41	11.36	110.69	2.55	-412.38	102.04	79.82	22.23	4.591	
2,500.00	2,400.88	2,505.59	2,411.81	12.24	12.17	110.77	-0.96	-455.87	108.91	85.12	23.79	4.577	
2,600.00	2,489.85	2,605.35	2,501.53	13.09	12.98	110.83	-4.48	-499.36	115.77	90.40	25.38	4.562	
2,700.00	2,578.82	2,705.12	2,591.25	13.95	13.81	110.90	-8.00	-542.84	122.64	95.66	26.98	4.546	
2,800.00	2,667.79	2,804.88	2,680.97	14.81	14.64	110.95	-11.51	-586.33	129.50	100.91	28.59	4.530	
2,900.00	2,756.75	2,904.65	2,770.68	15.68	15.48	111.00	-15.03	-629.82	136.37	106.16	30.21	4.513	
3,000.00	2,845.72	3,004.41	2,860.40	16.56	16.32	111.04	-18.55	-673.31	143.24	111.39	31.85	4.498	
3,100.00	2,934.69	3,104.17	2,950.12	17.43	17.17	111.09	-22.06	-716.79	150.10	116.61	33.49	4.482	
3,200.00	3,023.66	3,203.94	3,039.84	18.32	18.02	111.12	-25.58	-760.28	156.97	121.83	35.14	4.467	
3,300.00	3,112.63	3,303.70	3,129.56	19.20	18.87	111.16	-29.10	-803.77	163.83	127.04	36.79	4.453	
3,400.00	3,201.60	3,403.47	3,219.27	20.09	19.73	111.19	-32.61	-847.26	170.70	132.25	38.45	4.439	
3,500.00	3,290.57	3,503.23	3,308.99	20.99	20.59	111.22	-36.13	-890.74	177.56	137.45	40.11	4.426	
3,600.00	3,379.54	3,602.99	3,398.71	21.88	21.45	111.24	-39.65	-934.23	184.43	142.65	41.78	4.414	
3,700.00	3,468.51	3,702.76	3,488.43	22.78	22.31	111.27	-43.16	-977.72	191.29	147.84	43.45	4.402	
3,800.00	3,557.48	3,802.52	3,578.15	23.67	23.17	111.29	-46.68	-1,021.21	198.16	153.03	45.13	4.391	
3,900.00	3,646.45	3,902.29	3,667.86	24.57	24.04	111.31	-50.20	-1,064.70	205.03	158.22	46.80	4.381	
4,000.00	3,735.42	4,002.05	3,757.58	25.47	24.90	111.33	-53.72	-1,108.18	211.89	163.41	48.48	4.370	
4,100.00	3,824.39	4,101.81	3,847.30	26.38	25.77	111.35	-57.23	-1,151.67	218.76	168.59	50.16	4.361	
4,200.00	3,913.36	4,201.58	3,937.02	27.28	26.64	111.37	-60.75	-1,195.16	225.62	173.78	51.85	4.352	
4,300.00	4,002.32	4,301.34	4,026.74	28.18	27.51	111.39	-64.27	-1,238.65	232.49	178.96	53.53	4.343	
4,400.00	4,091.29	4,401.11	4,116.45	29.09	28.38	111.40	-67.78	-1,282.13	239.36	184.14	55.22	4.335	
4,500.00	4,180.26	4,500.87	4,206.17	29.99	29.25	111.42	-71.30	-1,325.62	246.22	189.31	56.91	4.327	
4,600.00	4,269.23	4,600.63	4,295.89	30.90	30.12	111.43	-74.82	-1,369.11	253.09	194.49	58.60	4.319	
4,700.00	4,358.20	4,700.40	4,385.61	31.81	30.99	111.44	-78.33	-1,412.60	259.95	199.67	60.29	4.312	
4,800.00	4,447.17	4,800.16	4,475.33	32.71	31.87	111.46	-81.85	-1,456.08	266.82	204.84	61.98	4.305	
4,900.00	4,536.14	4,899.93	4,565.04	33.62	32.74	111.47	-85.37	-1,499.57	273.69	210.01	63.67	4.298	
5,000.00	4,625.11	4,999.69	4,654.76	34.53	33.62	111.48	-88.88	-1,543.06	280.55	215.18	65.37	4.292	
5,100.00	4,714.08	5,099.45	4,744.48	35.44	34.49	111.49	-92.40	-1,586.55	287.42	220.36	67.06	4.286	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

Company:	Enduring Resources LLC	**Local Co-ordinate Reference:**	Well Nageezi Unit 215H
Project:	San Juan County, New Mexico NAD83 NM W	**TVD Reference:**	RKB=6826+25 @ 6851.00ft
Reference Site:	Nageezi Unit (213, 214, 215, 216, 217 & 218)	**MD Reference:**	RKB=6826+25 @ 6851.00ft
Site Error:	0.00 ft	**North Reference:**	Grid
Reference Well:	Nageezi Unit 215H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Original Hole	**Database:**	DT_Jan1924v17
Reference Design:	rev0	**Offset TVD Reference:**	Offset Datum

Offset Design: Nageezi Unit (213, 214, 215, 216, 217 & 218) - Nageezi Unit 216H - Original Hole - rev0

Offset Site Error: 0.00 ft

Survey Program: 0-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Rule Assigned: Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
5,200.00	4,803.05	5,199.22	4,834.20	36.35	35.36	111.50	-95.92	-1,630.03	294.28	225.53	68.76	4.280	
5,300.00	4,892.02	5,298.98	4,923.92	37.26	36.24	111.51	-99.43	-1,673.52	301.15	230.70	70.45	4.274	
5,400.00	4,980.15	5,379.43	4,994.99	38.20	37.00	104.36	-99.68	-1,711.10	309.69	237.84	71.84	4.310	
5,500.00	5,061.93	5,456.09	5,058.56	39.33	37.83	95.41	-92.95	-1,753.30	318.86	246.07	72.79	4.380	
5,600.00	5,134.30	5,532.45	5,116.67	40.65	38.77	90.31	-79.49	-1,800.88	327.70	254.30	73.40	4.465	
5,700.00	5,195.06	5,608.78	5,168.53	42.13	39.81	87.65	-59.54	-1,853.14	336.12	262.30	73.82	4.553	
5,800.00	5,242.37	5,685.41	5,213.38	43.73	40.93	86.69	-33.33	-1,909.38	344.14	269.92	74.23	4.636	
5,900.00	5,274.59	5,762.53	5,250.44	45.42	42.12	87.56	-1.17	-1,968.81	353.04	278.23	74.81	4.719	
6,000.00	5,289.98	5,844.62	5,280.18	47.21	43.44	89.08	38.60	-2,034.09	367.21	290.89	76.32	4.811	
6,100.00	5,291.04	5,941.18	5,300.96	49.05	45.08	91.46	88.52	-2,113.96	383.97	303.85	80.11	4.793	
6,200.00	5,290.64	6,041.31	5,306.00	50.94	46.84	92.19	141.48	-2,198.67	400.90	316.62	84.28	4.757	
6,300.00	5,290.25	6,139.90	5,306.00	52.88	48.62	92.15	193.73	-2,282.27	417.68	329.41	88.27	4.732	
6,400.00	5,289.85	6,238.48	5,306.00	54.87	50.46	92.12	245.99	-2,365.86	434.46	342.10	92.36	4.704	
6,500.00	5,289.45	6,337.06	5,306.00	56.90	52.33	92.09	298.24	-2,449.45	451.23	354.71	96.52	4.675	
6,600.00	5,289.05	6,435.64	5,306.00	58.97	54.26	92.07	350.50	-2,533.05	468.01	367.26	100.75	4.645	
6,700.00	5,288.65	6,534.23	5,306.00	61.07	56.21	92.04	402.75	-2,616.64	484.78	379.74	105.04	4.615	
6,800.00	5,288.25	6,632.81	5,306.00	63.20	58.21	92.02	455.01	-2,700.24	501.56	392.18	109.38	4.585	
6,900.00	5,287.85	6,731.39	5,306.00	65.37	60.23	92.00	507.26	-2,783.83	518.34	404.57	113.77	4.556	
7,000.00	5,287.45	6,829.97	5,306.00	67.55	62.28	91.98	559.52	-2,867.42	535.11	416.92	118.19	4.527	
7,100.00	5,287.05	6,928.56	5,306.00	69.76	64.36	91.96	611.77	-2,951.02	551.89	429.24	122.66	4.500	
7,200.00	5,286.65	7,027.14	5,306.00	72.00	66.46	91.94	664.03	-3,034.61	568.67	441.52	127.15	4.472	
7,300.00	5,286.25	7,125.72	5,306.00	74.25	68.59	91.92	716.29	-3,118.20	585.44	453.77	131.67	4.446	
7,400.00	5,285.85	7,224.30	5,306.00	76.51	70.73	91.91	768.54	-3,201.80	602.22	466.00	136.22	4.421	
7,500.00	5,285.46	7,322.89	5,306.00	78.80	72.88	91.89	820.80	-3,285.39	619.00	478.20	140.80	4.396	
7,600.00	5,285.06	7,421.47	5,306.00	81.09	75.06	91.88	873.05	-3,368.99	635.77	490.38	145.39	4.373	
7,700.00	5,284.66	7,520.05	5,306.00	83.40	77.25	91.86	925.31	-3,452.58	652.55	502.55	150.00	4.350	
7,800.00	5,284.26	7,618.63	5,306.00	85.73	79.45	91.85	977.56	-3,536.17	669.33	514.70	154.63	4.328	
7,900.00	5,283.86	7,717.22	5,306.00	88.06	81.66	91.84	1,029.82	-3,619.77	686.11	526.83	159.28	4.308	
8,000.00	5,283.46	7,815.80	5,306.00	90.40	83.89	91.83	1,082.07	-3,703.36	702.88	538.94	163.94	4.287	
8,100.00	5,283.06	7,914.38	5,306.00	92.76	86.12	91.81	1,134.33	-3,786.95	719.66	551.05	168.61	4.268	
8,200.00	5,282.66	8,012.96	5,306.00	95.12	88.37	91.80	1,186.58	-3,870.55	736.44	563.14	173.30	4.250	
8,300.00	5,282.26	8,111.55	5,306.00	97.49	90.62	91.79	1,238.84	-3,954.14	753.21	575.22	177.99	4.232	
8,400.00	5,281.86	8,210.13	5,306.00	99.87	92.88	91.78	1,291.09	-4,037.73	769.99	587.29	182.70	4.214	
8,500.00	5,281.46	8,308.71	5,306.00	102.25	95.15	91.77	1,343.35	-4,121.33	786.77	599.35	187.42	4.198	
8,600.00	5,281.07	8,407.29	5,306.00	104.64	97.43	91.77	1,395.60	-4,204.92	803.55	611.40	192.14	4.182	
8,700.00	5,280.67	8,505.88	5,306.00	107.04	99.71	91.76	1,447.86	-4,288.52	820.32	623.45	196.87	4.167	
8,800.00	5,280.27	8,604.46	5,306.00	109.44	102.00	91.75	1,500.11	-4,372.11	837.10	635.49	201.61	4.152	
8,900.00	5,279.87	8,703.04	5,306.00	111.85	104.29	91.74	1,552.37	-4,455.70	853.88	647.52	206.36	4.138	
9,000.00	5,279.47	8,801.62	5,306.00	114.26	106.59	91.73	1,604.63	-4,539.30	870.65	659.54	211.11	4.124	
9,100.00	5,279.07	8,900.21	5,306.00	116.68	108.90	91.73	1,656.88	-4,622.89	887.43	671.56	215.87	4.111	
9,200.00	5,278.67	8,998.79	5,306.00	119.10	111.21	91.72	1,709.14	-4,706.48	904.21	683.57	220.64	4.098	
9,300.00	5,278.27	9,097.37	5,306.00	121.53	113.52	91.71	1,761.39	-4,790.08	920.99	695.58	225.41	4.086	
9,400.00	5,277.87	9,195.95	5,306.00	123.96	115.84	91.70	1,813.65	-4,873.67	937.76	707.58	230.18	4.074	
9,500.00	5,277.47	9,294.54	5,306.00	126.39	118.16	91.70	1,865.90	-4,957.26	954.54	719.58	234.96	4.063	
9,600.00	5,277.07	9,393.12	5,306.00	128.83	120.48	91.69	1,918.16	-5,040.86	971.32	731.57	239.75	4.051	
9,700.00	5,276.67	9,491.70	5,306.00	131.27	122.81	91.69	1,970.41	-5,124.45	988.10	743.56	244.54	4.041	
9,800.00	5,276.28	9,590.28	5,306.00	133.71	125.14	91.68	2,022.67	-5,208.05	1,004.87	755.55	249.33	4.030	
9,900.00	5,275.88	9,688.87	5,306.00	136.15	127.48	91.68	2,074.92	-5,291.64	1,021.65	767.53	254.12	4.020	
10,000.00	5,275.48	9,787.45	5,306.00	138.60	129.82	91.67	2,127.18	-5,375.23	1,038.43	779.51	258.92	4.011	
10,100.00	5,275.08	9,886.03	5,306.00	141.05	132.16	91.66	2,179.43	-5,458.83	1,055.20	791.48	263.72	4.001	
10,200.00	5,274.68	9,984.61	5,306.00	143.51	134.50	91.66	2,231.69	-5,542.42	1,071.98	803.45	268.53	3.992	
10,300.00	5,274.28	10,083.20	5,306.00	145.96	136.84	91.65	2,283.94	-5,626.01	1,088.76	815.42	273.34	3.983	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

Company:	Enduring Resources LLC	**Local Co-ordinate Reference:**	Well Nageezi Unit 215H
Project:	San Juan County, New Mexico NAD83 NM W	**TVD Reference:**	RKB=6826+25 @ 6851.00ft
Reference Site:	Nageezi Unit (213, 214, 215, 216, 217 & 218)	**MD Reference:**	RKB=6826+25 @ 6851.00ft
Site Error:	0.00 ft	**North Reference:**	Grid
Reference Well:	Nageezi Unit 215H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Original Hole	**Database:**	DT_Jan1924v17
Reference Design:	rev0	**Offset TVD Reference:**	Offset Datum

Offset Design: Nageezi Unit (213, 214, 215, 216, 217 & 218) - Nageezi Unit 216H - Original Hole - rev0

Offset Site Error: 0.00 ft

Survey Program: 0-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Rule Assigned: Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
10,400.00	5,273.88	10,181.78	5,306.00	148.42	139.19	91.65	2,336.20	-5,709.61	1,105.54	827.39	278.15	3.975	
10,500.00	5,273.48	10,280.36	5,306.00	150.88	141.54	91.65	2,388.45	-5,793.20	1,122.31	839.35	282.96	3.966	
10,600.00	5,273.08	10,378.94	5,306.00	153.34	143.89	91.64	2,440.71	-5,876.79	1,139.09	851.32	287.78	3.958	
10,700.00	5,272.68	10,477.53	5,306.00	155.80	146.25	91.64	2,492.96	-5,960.39	1,155.87	863.28	292.59	3.950	
10,800.00	5,272.28	10,576.11	5,306.00	158.27	148.60	91.63	2,545.22	-6,043.98	1,172.65	875.23	297.41	3.943	
10,900.00	5,271.89	10,674.69	5,306.00	160.74	150.96	91.63	2,597.48	-6,127.58	1,189.42	887.19	302.24	3.935	
11,000.00	5,271.49	10,773.27	5,306.00	163.20	153.32	91.62	2,649.73	-6,211.17	1,206.20	899.14	307.06	3.928	
11,100.00	5,271.09	10,871.86	5,306.00	165.67	155.68	91.62	2,701.99	-6,294.76	1,222.98	911.09	311.89	3.921	
11,200.00	5,270.69	10,970.44	5,306.00	168.15	158.04	91.62	2,754.24	-6,378.36	1,239.76	923.04	316.71	3.914	
11,300.00	5,270.29	11,069.02	5,306.00	170.62	160.40	91.61	2,806.50	-6,461.95	1,256.53	934.99	321.54	3.908	
11,400.00	5,269.89	11,167.60	5,306.00	173.09	162.77	91.61	2,858.75	-6,545.54	1,273.31	946.94	326.37	3.901	
11,500.00	5,269.49	11,266.19	5,306.00	175.57	165.13	91.61	2,911.01	-6,629.14	1,290.09	958.88	331.21	3.895	
11,600.00	5,269.09	11,364.77	5,306.00	178.05	167.50	91.60	2,963.26	-6,712.73	1,306.87	970.82	336.04	3.889	
11,700.00	5,268.69	11,463.35	5,306.00	180.52	169.87	91.60	3,015.52	-6,796.32	1,323.64	982.77	340.88	3.883	
11,800.00	5,268.29	11,561.93	5,306.00	183.00	172.24	91.60	3,067.77	-6,879.92	1,340.42	994.71	345.71	3.877	
11,900.00	5,267.89	11,660.52	5,306.00	185.48	174.61	91.59	3,120.03	-6,963.51	1,357.20	1,006.65	350.55	3.872	
12,000.00	5,267.50	11,759.10	5,306.00	187.96	176.98	91.59	3,172.28	-7,047.11	1,373.98	1,018.58	355.39	3.866	
12,100.00	5,267.10	11,857.68	5,306.00	190.45	179.36	91.59	3,224.54	-7,130.70	1,390.75	1,030.52	360.23	3.861	
12,200.00	5,266.70	11,956.26	5,306.00	192.93	181.73	91.58	3,276.79	-7,214.29	1,407.53	1,042.46	365.08	3.855	
12,300.00	5,266.30	12,054.85	5,306.00	195.41	184.10	91.58	3,329.05	-7,297.89	1,424.31	1,054.39	369.92	3.850	
12,400.00	5,265.90	12,153.43	5,306.00	197.90	186.48	91.58	3,381.30	-7,381.48	1,441.09	1,066.32	374.76	3.845	
12,500.00	5,265.50	12,252.01	5,306.00	200.38	188.86	91.58	3,433.56	-7,465.07	1,457.86	1,078.25	379.61	3.840	
12,600.00	5,265.10	12,350.59	5,306.00	202.87	191.24	91.57	3,485.82	-7,548.67	1,474.64	1,090.18	384.46	3.836	
12,700.00	5,264.70	12,449.18	5,306.00	205.36	193.61	91.57	3,538.07	-7,632.26	1,491.42	1,102.11	389.30	3.831	
12,800.00	5,264.30	12,547.76	5,306.00	207.85	195.99	91.57	3,590.33	-7,715.85	1,508.19	1,114.04	394.15	3.826	
12,900.00	5,263.90	12,646.34	5,306.00	210.34	198.37	91.57	3,642.58	-7,799.45	1,524.97	1,125.97	399.00	3.822	
13,000.00	5,263.50	12,744.92	5,306.00	212.83	200.75	91.56	3,694.84	-7,883.04	1,541.75	1,137.90	403.85	3.818	
13,100.00	5,263.10	12,843.51	5,306.00	215.32	203.14	91.56	3,747.09	-7,966.64	1,558.53	1,149.83	408.70	3.813	
13,200.00	5,262.71	12,942.09	5,306.00	217.81	205.52	91.56	3,799.35	-8,050.23	1,575.30	1,161.75	413.55	3.809	
13,300.00	5,262.31	13,040.67	5,306.00	220.30	207.90	91.56	3,851.60	-8,133.82	1,592.08	1,173.68	418.40	3.805	
13,400.00	5,261.91	13,139.25	5,306.00	222.79	210.28	91.55	3,903.86	-8,217.42	1,608.86	1,185.60	423.26	3.801	
13,500.00	5,261.51	13,237.84	5,306.00	225.28	212.67	91.55	3,956.11	-8,301.01	1,625.64	1,197.53	428.11	3.797	
13,600.00	5,261.11	13,336.42	5,306.00	227.78	215.05	91.55	4,008.37	-8,384.60	1,642.41	1,209.45	432.96	3.793	
13,700.00	5,260.71	13,435.00	5,306.00	230.27	217.44	91.55	4,060.62	-8,468.20	1,659.19	1,221.37	437.82	3.790	
13,800.00	5,260.31	13,533.59	5,306.00	232.77	219.82	91.55	4,112.88	-8,551.79	1,675.97	1,233.29	442.68	3.786	
13,900.00	5,259.91	13,632.17	5,306.00	235.26	222.21	91.54	4,165.13	-8,635.39	1,692.75	1,245.22	447.53	3.782	
14,000.00	5,259.51	13,730.75	5,306.00	237.76	224.60	91.54	4,217.39	-8,718.98	1,709.52	1,257.14	452.39	3.779	
14,100.00	5,259.11	13,829.33	5,306.00	240.25	226.99	91.54	4,269.64	-8,802.57	1,726.30	1,269.06	457.25	3.775	
14,200.00	5,258.71	13,927.92	5,306.00	242.75	229.37	91.54	4,321.90	-8,886.17	1,743.08	1,280.97	462.11	3.772	
14,300.00	5,258.32	14,026.50	5,306.00	245.25	231.76	91.54	4,374.15	-8,969.76	1,759.86	1,292.89	466.96	3.769 SF	

Anticollision Report

Company:	Enduring Resources LLC	**Local Co-ordinate Reference:**	Well Nageezi Unit 215H
Project:	San Juan County, New Mexico NAD83 NM W	**TVD Reference:**	RKB=6826+25 @ 6851.00ft
Reference Site:	Nageezi Unit (213, 214, 215, 216, 217 & 218)	**MD Reference:**	RKB=6826+25 @ 6851.00ft
Site Error:	0.00 ft	**North Reference:**	Grid
Reference Well:	Nageezi Unit 215H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Original Hole	**Database:**	DT_Jan1924v17
Reference Design:	rev0	**Offset TVD Reference:**	Offset Datum

Offset Design: Nageezi Unit (213, 214, 215, 216, 217 & 218) - Nageezi Unit 217H - Original Hole - rev0

Offset Site Error: 0.00 ft

Survey Program: 0-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Rule Assigned: Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	0.00	0.00	-157.80	-36.78	-15.01	39.72				
100.00	100.00	100.00	100.00	0.27	0.27	-157.80	-36.78	-15.01	39.72	39.18	0.54	73.870	
200.00	200.00	200.00	200.00	0.63	0.63	-157.80	-36.78	-15.01	39.72	38.47	1.25	31.659	
300.00	300.00	300.00	300.00	0.99	0.99	-157.80	-36.78	-15.01	39.72	37.75	1.97	20.146	
400.00	400.00	400.00	400.00	1.34	1.34	-157.80	-36.78	-15.01	39.72	37.03	2.69	14.774	
500.00	500.00	500.00	500.00	1.70	1.70	-157.80	-36.78	-15.01	39.72	36.32	3.41	11.664	
600.00	600.00	600.00	600.00	2.06	2.06	-157.80	-36.78	-15.01	39.72	35.60	4.12	9.635	
700.00	700.00	700.00	700.00	2.42	2.42	-157.80	-36.78	-15.01	39.72	34.88	4.84	8.208	
800.00	800.00	800.00	800.00	2.78	2.78	-157.80	-36.78	-15.01	39.72	34.16	5.56	7.149	
900.00	900.00	900.00	900.00	3.14	3.14	-157.80	-36.78	-15.01	39.72	33.45	6.27	6.332	
1,000.00	1,000.00	1,000.00	1,000.00	3.50	3.50	-157.80	-36.78	-15.01	39.72	32.73	6.99	5.682	
1,100.00	1,099.95	1,099.95	1,099.95	3.84	3.85	-58.05	-36.78	-15.01	38.27	30.57	7.70	4.972	
1,200.00	1,199.63	1,199.63	1,199.63	4.19	4.21	-69.15	-36.78	-15.01	34.76	26.36	8.40	4.139	
1,296.00	1,294.82	1,294.82	1,294.82	4.53	4.55	-90.00	-36.78	-15.01	32.46	23.38	9.08	3.574	CC
1,300.00	1,298.77	1,298.77	1,298.77	4.54	4.57	-91.08	-36.78	-15.01	32.47	23.36	9.11	3.564	ES, SF
1,400.00	1,397.08	1,397.08	1,397.08	4.92	4.92	-119.59	-36.78	-15.01	37.53	27.70	9.83	3.818	
1,500.00	1,494.31	1,494.31	1,494.31	5.33	5.27	-141.46	-36.78	-15.01	53.23	42.69	10.54	5.052	
1,600.00	1,590.18	1,589.51	1,589.48	5.78	5.61	-155.70	-34.82	-14.25	78.06	66.84	11.22	6.955	
1,700.00	1,684.43	1,680.89	1,680.62	6.29	5.94	-165.78	-28.79	-11.91	111.75	99.87	11.89	9.403	
1,800.00	1,776.81	1,767.57	1,766.69	6.86	6.25	-172.85	-19.33	-8.25	154.01	141.49	12.51	12.306	
1,900.00	1,867.06	1,848.87	1,846.93	7.52	6.54	-177.94	-7.15	-3.53	204.20	191.09	13.11	15.579	
2,000.00	1,956.03	1,930.16	1,926.74	8.24	6.85	178.24	7.29	2.06	259.20	245.48	13.72	18.893	
2,100.00	2,045.00	2,012.57	2,007.62	8.99	7.16	175.68	22.01	7.76	314.83	300.47	14.35	21.936	
2,200.00	2,133.97	2,094.98	2,088.51	9.78	7.48	173.88	36.73	13.46	370.76	355.76	15.00	24.714	
2,300.00	2,222.94	2,177.39	2,169.39	10.58	7.81	172.54	51.45	19.16	426.88	411.21	15.67	27.247	
2,400.00	2,311.91	2,259.80	2,250.27	11.41	8.15	171.52	66.17	24.86	483.12	466.78	16.34	29.559	
2,500.00	2,400.88	2,342.21	2,331.16	12.24	8.49	170.71	80.89	30.56	539.45	522.42	17.03	31.674	
2,600.00	2,489.85	2,424.62	2,412.04	13.09	8.83	170.05	95.62	36.26	595.84	578.11	17.73	33.611	
2,700.00	2,578.82	2,507.03	2,492.92	13.95	9.17	169.50	110.34	41.96	652.27	633.84	18.43	35.389	
2,800.00	2,667.79	2,589.44	2,573.81	14.81	9.52	169.05	125.06	47.67	708.73	689.59	19.14	37.024	
2,900.00	2,756.75	2,671.85	2,654.69	15.68	9.87	168.66	139.78	53.37	765.23	745.37	19.86	38.532	
3,000.00	2,845.72	2,754.26	2,735.57	16.56	10.23	168.32	154.50	59.07	821.74	801.16	20.58	39.924	
3,100.00	2,934.69	2,836.67	2,816.46	17.43	10.58	168.02	169.22	64.77	878.27	856.96	21.31	41.214	
3,200.00	3,023.66	2,919.08	2,897.34	18.32	10.94	167.77	183.94	70.47	934.81	912.77	22.04	42.411	
3,300.00	3,112.63	3,001.49	2,978.23	19.20	11.30	167.54	198.66	76.17	991.37	968.59	22.78	43.524	
3,400.00	3,201.60	3,083.90	3,059.11	20.09	11.66	167.33	213.39	81.87	1,047.94	1,024.42	23.52	44.560	
3,500.00	3,290.57	3,166.31	3,139.99	20.99	12.03	167.15	228.11	87.57	1,104.51	1,080.25	24.26	45.528	
3,600.00	3,379.54	3,248.72	3,220.88	21.88	12.39	166.98	242.83	93.27	1,161.09	1,136.08	25.01	46.432	
3,700.00	3,468.51	3,331.13	3,301.76	22.78	12.76	166.83	257.55	98.97	1,217.68	1,191.92	25.75	47.280	
3,800.00	3,557.48	3,413.54	3,382.64	23.67	13.12	166.70	272.27	104.67	1,274.27	1,247.76	26.51	48.075	
3,900.00	3,646.45	3,495.95	3,463.53	24.57	13.49	166.57	286.99	110.38	1,330.86	1,303.60	27.26	48.822	
4,000.00	3,735.42	3,578.36	3,544.41	25.47	13.86	166.46	301.71	116.08	1,387.46	1,359.45	28.02	49.526	
4,100.00	3,824.39	3,660.77	3,625.29	26.38	14.23	166.35	316.44	121.78	1,444.07	1,415.29	28.77	50.189	
4,200.00	3,913.36	3,743.18	3,706.18	27.28	14.60	166.25	331.16	127.48	1,500.67	1,471.14	29.53	50.815	
4,300.00	4,002.32	3,825.59	3,787.06	28.18	14.97	166.16	345.88	133.18	1,557.28	1,526.99	30.29	51.406	
4,400.00	4,091.29	3,908.00	3,867.95	29.09	15.35	166.08	360.60	138.88	1,613.89	1,582.84	31.06	51.966	
4,500.00	4,180.26	3,990.41	3,948.83	29.99	15.72	166.00	375.32	144.58	1,670.51	1,638.69	31.82	52.497	
4,600.00	4,269.23	4,072.82	4,029.71	30.90	16.09	165.92	390.04	150.28	1,727.12	1,694.54	32.59	53.001	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

Company:	Enduring Resources LLC	**Local Co-ordinate Reference:**	Well Nageezi Unit 215H
Project:	San Juan County, New Mexico NAD83 NM W	**TVD Reference:**	RKB=6826+25 @ 6851.00ft
Reference Site:	Nageezi Unit (213, 214, 215, 216, 217 & 218)	**MD Reference:**	RKB=6826+25 @ 6851.00ft
Site Error:	0.00 ft	**North Reference:**	Grid
Reference Well:	Nageezi Unit 215H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Original Hole	**Database:**	DT_Jan1924v17
Reference Design:	rev0	**Offset TVD Reference:**	Offset Datum

Offset Design: Nageezi Unit (213, 214, 215, 216, 217 & 218) - Nageezi Unit 218H - Original Hole - rev0

Offset Site Error: 0.00 ft

Survey Program: 0-MWD

Offset Well Error: 0.00 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	0.00	0.00	-158.39	-18.57	-7.36	19.97				
100.00	100.00	100.00	100.00	0.27	0.27	-158.39	-18.57	-7.36	19.97	19.44	0.54	37.147	
200.00	200.00	200.00	200.00	0.63	0.63	-158.39	-18.57	-7.36	19.97	18.72	1.25	15.920	
300.00	300.00	300.00	300.00	0.99	0.99	-158.39	-18.57	-7.36	19.97	18.00	1.97	10.131	
400.00	400.00	400.00	400.00	1.34	1.34	-158.39	-18.57	-7.36	19.97	17.29	2.69	7.429	
500.00	500.00	500.00	500.00	1.70	1.70	-158.39	-18.57	-7.36	19.97	16.57	3.41	5.865	
600.00	600.00	600.25	600.20	2.06	2.05	-165.81	-18.70	-4.73	19.29	15.17	4.12	4.687	
656.60	656.60	656.77	656.60	2.26	2.25	-177.17	-18.89	-0.93	18.91	14.39	4.52	4.186	CC, ES
700.00	700.00	700.00	699.63	2.42	2.41	170.79	-19.09	3.09	19.34	14.52	4.82	4.009	SF
800.00	800.00	798.56	797.34	2.78	2.77	141.11	-19.72	15.90	25.47	19.95	5.52	4.613	
900.00	900.00	895.60	892.77	3.14	3.16	121.63	-20.58	33.42	39.91	33.72	6.19	6.449	
1,000.00	1,000.00	990.61	985.23	3.50	3.58	111.41	-21.66	55.24	61.14	54.31	6.83	8.951	
1,100.00	1,099.95	1,082.43	1,073.45	3.84	4.03	-151.51	-22.92	80.66	90.14	82.69	7.45	12.105	
1,200.00	1,199.63	1,169.47	1,155.84	4.19	4.51	-155.52	-24.30	108.64	128.54	120.50	8.03	16.001	
1,300.00	1,298.77	1,250.82	1,231.63	4.54	5.01	-158.13	-25.75	138.16	175.70	167.11	8.59	20.459	
1,400.00	1,397.08	1,325.87	1,300.37	4.92	5.51	-159.81	-27.24	168.23	230.89	221.77	9.11	25.339	
1,500.00	1,494.31	1,400.00	1,367.06	5.33	6.05	-160.98	-28.83	200.55	293.38	283.70	9.68	30.319	
1,600.00	1,590.18	1,455.82	1,416.41	5.78	6.52	-161.41	-30.12	226.58	362.20	352.16	10.04	36.066	
1,700.00	1,684.43	1,510.59	1,464.09	6.29	6.98	-161.60	-31.45	253.52	436.79	426.34	10.45	41.797	
1,800.00	1,776.81	1,559.74	1,506.19	6.86	7.43	-161.48	-32.70	278.84	516.34	505.51	10.83	47.666	
1,900.00	1,867.06	1,614.83	1,553.09	7.52	7.95	-161.33	-34.12	307.71	599.49	588.16	11.33	52.911	
2,000.00	1,956.03	1,667.52	1,597.94	8.24	8.46	-162.36	-35.49	335.33	684.22	672.41	11.81	57.940	
2,100.00	2,045.00	1,720.20	1,642.79	8.99	8.98	-163.23	-36.85	362.94	769.02	756.73	12.28	62.601	
2,200.00	2,133.97	1,772.89	1,687.63	9.78	9.50	-163.93	-38.21	390.56	853.85	841.08	12.77	66.878	
2,300.00	2,222.94	1,825.57	1,732.48	10.58	10.03	-164.50	-39.58	418.17	938.71	925.46	13.26	70.812	
2,400.00	2,311.91	1,878.25	1,777.32	11.41	10.57	-164.98	-40.94	445.78	1,023.60	1,009.85	13.75	74.435	
2,500.00	2,400.88	1,930.94	1,822.17	12.24	11.10	-165.39	-42.30	473.40	1,108.50	1,094.25	14.25	77.776	
2,600.00	2,489.85	1,983.62	1,867.02	13.09	11.64	-165.74	-43.67	501.01	1,193.42	1,178.66	14.76	80.863	
2,700.00	2,578.82	2,036.30	1,911.86	13.95	12.19	-166.04	-45.03	528.62	1,278.34	1,263.08	15.27	83.720	
2,800.00	2,667.79	2,088.98	1,956.71	14.81	12.73	-166.31	-46.39	556.23	1,363.28	1,347.50	15.78	86.370	
2,900.00	2,756.75	2,141.67	2,001.55	15.68	13.28	-166.54	-47.76	583.85	1,448.22	1,431.92	16.30	88.830	
3,000.00	2,845.72	2,194.35	2,046.40	16.56	13.83	-166.75	-49.12	611.46	1,533.17	1,516.35	16.83	91.120	
3,100.00	2,934.69	2,247.03	2,091.25	17.43	14.38	-166.94	-50.48	639.07	1,618.13	1,600.77	17.35	93.252	
3,200.00	3,023.66	2,299.72	2,136.09	18.32	14.93	-167.10	-51.85	666.69	1,703.08	1,685.20	17.88	95.244	

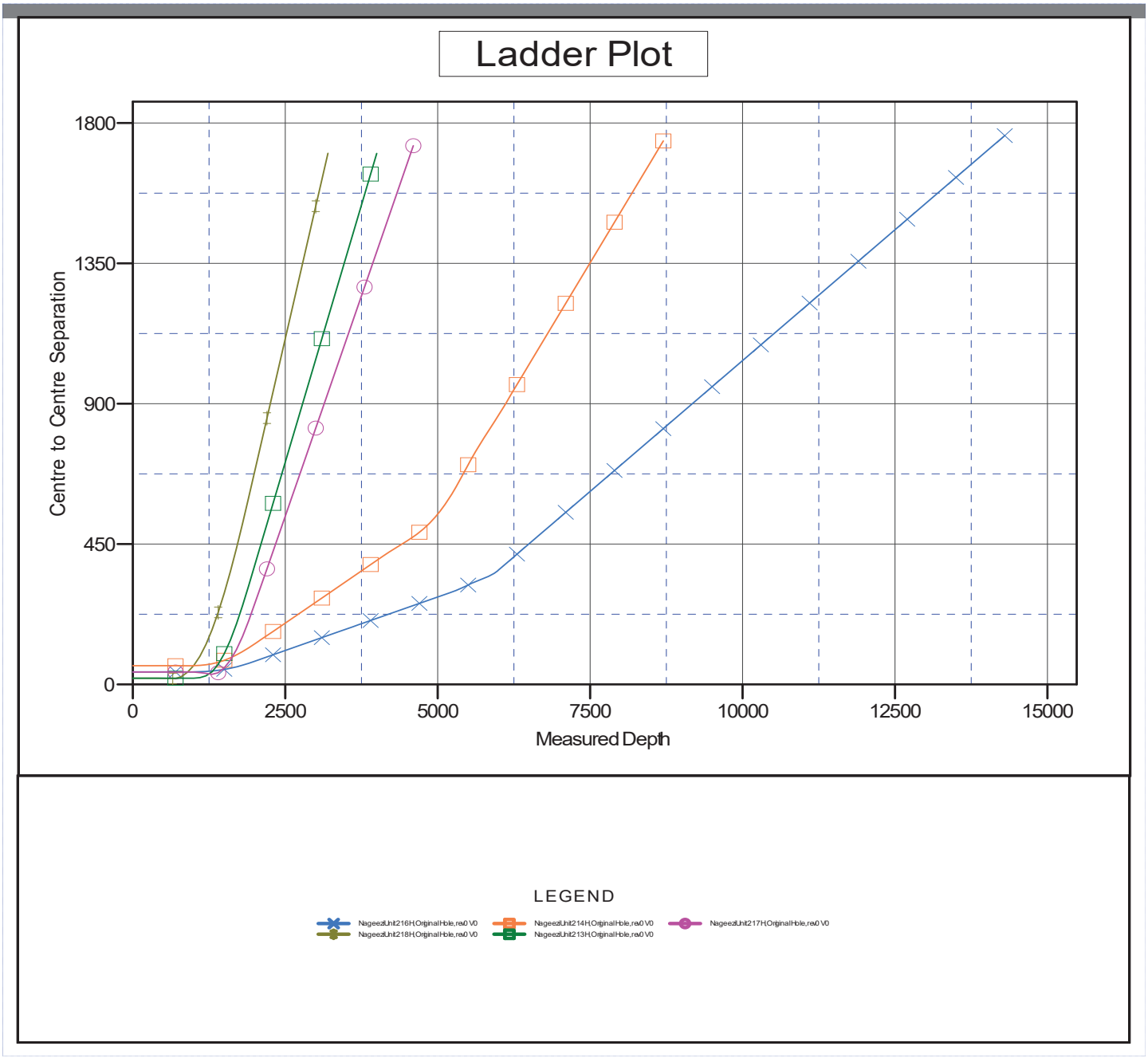
CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Report

Company:	Enduring Resources LLC	**Local Co-ordinate Reference:**	Well Nageezi Unit 215H
Project:	San Juan County, New Mexico NAD83 NM W	**TVD Reference:**	RKB=6826+25 @ 6851.00ft
Reference Site:	Nageezi Unit (213, 214, 215, 216, 217 & 218)	**MD Reference:**	RKB=6826+25 @ 6851.00ft
Site Error:	0.00 ft	**North Reference:**	Grid
Reference Well:	Nageezi Unit 215H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Original Hole	**Database:**	DT_Jan1924v17
Reference Design:	rev0	**Offset TVD Reference:**	Offset Datum

Reference Depths are relative to RKB=6826+25 @ 6851.00ft
Offset Depths are relative to Offset Datum
Central Meridian is -107.83333333

Coordinates are relative to: Nageezi Unit 215H
Coordinate System is US State Plane 1983, New Mexico Western Zone
Grid Convergence at Surface is: 0.04°

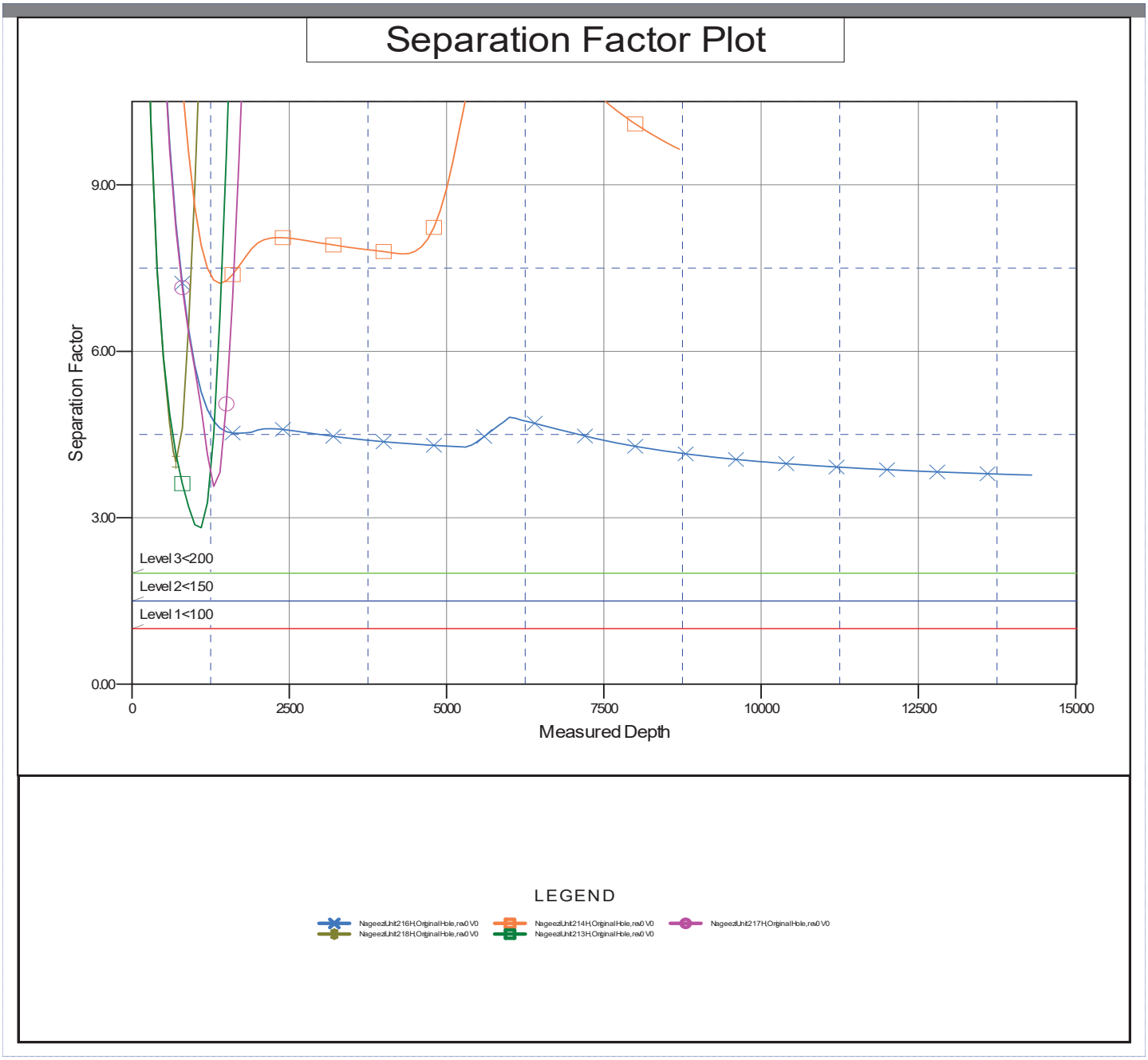


Anticollision Report

Company:	Enduring Resources LLC	**Local Co-ordinate Reference:**	Well Nageezi Unit 215H
Project:	San Juan County, New Mexico NAD83 NM W	**TVD Reference:**	RKB=6826+25 @ 6851.00ft
Reference Site:	Nageezi Unit (213, 214, 215, 216, 217 & 218)	**MD Reference:**	RKB=6826+25 @ 6851.00ft
Site Error:	0.00 ft	**North Reference:**	Grid
Reference Well:	Nageezi Unit 215H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.00 ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Original Hole	**Database:**	DT_Jan1924v17
Reference Design:	rev0	**Offset TVD Reference:**	Offset Datum

Reference Depths are relative to RKB=6826+25 @ 6851.00ft
Offset Depths are relative to Offset Datum
Central Meridian is -107.83333333

Coordinates are relative to: Nageezi Unit 215H
Coordinate System is US State Plane 1983, New Mexico Western Zone
Grid Convergence at Surface is: 0.04°



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

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

CONDITIONS

Action 318489

CONDITIONS

Operator: DJR OPERATING, LLC 200 Energy Court Farmington, NM 87401	OGRID: 371838
	Action Number: 318489
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
ward.rikala	All original COA's still apply. Additionally, if cement is not circulated to surface during drilling operations, then a CBL is required.	7/11/2024