

| | | |
|----------------------------|---|--|
| Well Name: NAGEEZI UNIT | Well Location: T24N / R9W / SEC 26 / NWSW / 36.282587 / -107.765359 | County or Parish/State: SAN JUAN / NM |
| Well Number: 218H | Type of Well: OIL WELL | Allottee or Tribe Name: EASTERN NAVAJO |
| Lease Number: NOG14011834 | Unit or CA Name: | Unit or CA Number: NMNM132981A |
| US Well Number: 3004538298 | Operator: DJR OPERATING LLC | |

Notice of Intent

Sundry ID: 2785169

| | |
|--|------------------------------|
| Type of Submission: Notice of Intent | Type of Action: APD Change |
| Date Sundry Submitted: 04/15/2024 | Time Sundry Submitted: 02:44 |
| Date proposed operation will begin: 04/15/2024 | |

Procedure Description: DJR respectfully requests approval to change the casing and cement design for the subject well. Attached please find a Revised Drilling Plan; reflecting new casing size, set depth, and cement slurry assumptions. 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

218H_DPR_04.11.24_20240415144403.pdf

Well Name: NAGEEZI UNIT

Well Location: T24N / R9W / SEC 26 /
NWSW / 36.282587 / -107.765359

County or Parish/State: SAN
JUAN / NM

Well Number: 218H

Type of Well: OIL WELL

Allottee or Tribe Name:
EASTERN NAVAJO

Lease Number: N0G14011834

Unit or CA Name:

Unit or CA Number:
NMNM132981A

US Well Number:

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: APR 15, 2024 02:44 PM

Name: DJR OPERATING LLC

Title: Regulatory Specialist

Street Address: 1 ROAD 3263

City: AZTEC

State: NM

Phone: (505) 632-3476

Email address: SFORD@ENDURINGRESOURCES.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: 04/16/2024

Signature: Kenneth Rennick

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 218H

API Number: 30-045-38298

AFE Number: Not yet assigned

ER Well Number: Not yet assigned

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 1,705 ft FSL 754 ft FWL
 36.282587 ° N latitude 107.765359 ° W longitude (NAD 83)

BH Location: 36-24N-9W Sec-Twn-Rng 268 ft FSL 224 ft FWL
 36.264277 ° N latitude 107.732947 ° 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 | 832 | W | normal |
| | Kirtland | 5,895 | 956 | 960 | W | normal |
| | Fruitland | 5,606 | 1,245 | 1,265 | G, W | sub |
| | Pictured Cliffs | 5,262 | 1,589 | 1,657 | G, W | sub |
| | Lewis | 5,153 | 1,698 | 1,786 | G, W | normal |
| | Chacra | 4,854 | 1,997 | 2,137 | G, W | normal |
| | Cliff House | 3,768 | 3,083 | 3,412 | G, W | sub |
| | Menefee | 3,738 | 3,113 | 3,447 | G, W | normal |
| | Point Lookout | 2,807 | 4,044 | 4,541 | G, W | normal |
| | Mancos | 2,605 | 4,246 | 4,779 | O,G | sub (~0.38) |
| | Gallup (MNCS_A) | 2,239 | 4,612 | 5,208 | O,G | sub (~0.38) |
| | MNCS_B | 2,156 | 4,695 | 5,305 | O,G | sub (~0.38) |
| | MNCS_C | 2,055 | 4,796 | 5,425 | O,G | sub (~0.38) |
| | MNCS_Cms | 2,010 | 4,841 | 5,477 | O,G | sub (~0.38) |
| | MNCS_D | 1,890 | 4,961 | 5,618 | O,G | sub (~0.38) |
| | MNCS_E | 1,778 | 5,073 | 5,754 | O,G | sub (~0.38) |
| | MNCS_F | 1,713 | 5,138 | 5,840 | O,G | sub (~0.38) |
| | MNCS_G | 1,634 | 5,217 | 5,963 | O,G | sub (~0.38) |
| | MNCS_H | 1,586 | 5,265 | 6,058 | O,G | sub (~0.38) |
| | MNCS_I | 1,540 | 5,311 | 6,187 | O,G | sub (~0.38) |
| | FTP TARGET | 1,556 | 5,295 | 6,133 | O,G | sub (~0.38) |
| | PROJECTED TD | 1,600 | 5,251 | 15,466 | 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: 2,280 psi
Maximum anticipated surface pressure, assuming partially evacuated hole: 1,120 psi
Temperature: Maximum anticipated BHT is 125° F or less

H2S INFORMATION:

H2S 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 7" casing to TD; gas detection from drillout of 9-5/8" casing to

MWD / LWD: Gamma Ray from drillout of 9-5/8" casing to TD

Open Hole Logs: None planned

Testing: None planned

Coring: None planned

Cased Hole Logs: CBL on 7" casing from deepest free-fall depth to surface

DRILLING RIG INFORMATION:

Contractor: Ensign

Rig No.: 140

Draw Works: Pacific Rim 1500AC (1,500 hp)

Mast: Process MFG Corp Swing Up Triple (136 ft, 750,000 lbs)

Top Drive: Tesco 400-EXI-600 (400 ton)

Prime Movers: 3 - CAT 3512C (1,350 hp)

Pumps: 2 - Gardner Denver PZ-11 (7,500 psi)

BOPE 1: T3 Annular & Shaffer double gate ram (11", 5,000 psi)

BOPE 2: T3 annular(11", 5,000 psi)

Choke 3", 5,000 psi

KB-GL (ft): 23.5

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 installed 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 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

Closed-Loop System: A fully, closed-loop system will be utilized. The system will consist of above-ground piping and above-ground

Fluid Disposal: Fluids that cannot be reused, recycled, or returned to the supplier will be hauled to and disposed of at an

Solids Disposal: Drilling solids will be stored (until haul-off) on-site in separate containers with no other waste, debris, or garbage

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-Aug | 45,628 | 9.0 | Spud mud |

Hole Size: 12-1/4"

Bit / Motor: Mill Tooth or PDC, no motor

MWD / Survey: No MWD, deviation survey

Logging: None

Casing Specs:

| | | | | | | | | |
|-----------|-------|------|------|-----|-------|-------|---------|---------|
| Specs | 9.625 | 36.0 | K-55 | STC | 2,020 | 3,520 | 564,000 | 423,000 |
| Loading | | | | | 153 | 1,137 | 110,988 | 110,988 |
| Min. S.F. | | | | | 13.21 | 3.09 | 5.08 | 3.81 |

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

Tension: buoyed weight in 8.4 ppg fluid with 100,000 lbs over-pull

MU Torque (ft lbs): Minimum: 3,400 Optimum: 4,530 Maximum: 5,660

Casing Summary: Float shoe, 1 jt casing, float collar, casing to surface

Centralizers: 2 centralizers per jt stop-banded 10' from each collar on bottom 3 jts, 1 centralizer per 2 jts to surface

| Cement: | Type | Weight (ppg) | Yield (cuft/sk) | Water (gal/sk) | Hole Cap. (cuft/ft) | % Excess | Planned TOC (ft MD) | Total Cmt (sx) | Total Cmt (cu ft) |
|----------|-----------|--------------|-----------------|----------------|---------------------|----------|---------------------|----------------|-------------------|
| Redi-Mix | TYPE I-II | 14.5 | 1.61 | 7.41 | 0.3132 | 50% | 0 | 114 | 184 |

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

Csg ID 8.921

Mesa Ready Mix or first available

Shoe Track L 44

Notify NMOCD & BLM if cement is not circulated to surface. Cement must achieve 500 psi compressive strength

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

| | | | | |
|--------------|----|----------------|----------------------|----------|
| 350 ft (MD) | to | 6,233 ft (MD) | Hole Section Length: | 5,883 ft |
| 350 ft (TVD) | to | 5,321 ft (TVD) | Casing Required: | 6,233 ft |

| Fluid: | Type | MW (ppg) | FL (mL/30 min) | PV (cp) | YP (lb/100 sqft) | pH | Comments |
|--------|------|----------|----------------|---------|------------------|----|----------|
|--------|------|----------|----------------|---------|------------------|----|----------|

| | | | | | | |
|------------|-----------|----|--------|--------|-------------|--------|
| LSND (KCI) | 8.8 - 9.2 | 15 | 14-Aug | 12-Jun | 10.8 - 11.2 | No OBM |
|------------|-----------|----|--------|--------|-------------|--------|

Hole Size: 8.75

Bit / Motor: 8-3/4" PDC bit w/mud motor

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

Logging: None

Pressure Test: NU BOPE and test (as noted above); pressure test 13-3/8" casing to **1,500** psi for 30 minutes.

| Casing Specs: | | Wt (lb/ft) | Grade | Conn. | Collapse (psi) | Burst (psi) | Tens. Body (lbs) | Tens. Conn (lbs) |
|---------------|---|------------|-------|-------|----------------|-------------|------------------|------------------|
| Specs | 7 | 26.0 | K-55 | LTC | 4,320 | 4,980 | 415,000 | 367,000 |
| Loading | | | | | 2,324 | 1,424 | 241,322 | 241,322 |
| Min. S.F. | | | | | 1.86 | 3.50 | 1.72 | 1.52 |

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

Tension: buoyed weight in 8.4 ppg fluid with 100,000 lbs over-pull

MU Torque (ft lbs): Minimum: 3,400 Optimum: 4,530 Maximum: 5,660

Centralizers: 1 per joint in non-vertical hole; 1 per 2-joints in vertical hole

| Cement: | Type | Weight (ppg) | Yield (cuft/sk) | Water (gal/sk) | % Excess | Planned TOC (ft MD) | Total Cmt (sx) | Total Cmt (cu ft) |
|------------------|-----------------|--------------------------------------|-----------------|----------------|----------|---------------------|----------------|-------------------|
| Lead | III:POZ Blend | 12.5 | 2.140 | 12.05 | 70% | 0 | 544 | 1,165 |
| Tail | Type III | 14.6 | 1.380 | 6.64 | 20% | 4,679 | 210 | 290 |
| Annular Capacity | 0.16681 cuft/ft | 7" casing x 9-5/8" casing annulus | | | | | Shoe Track L | 44 |
| | 0.1503 cuft/ft | 9-5/8" casing x 12-1/4" hole annulus | | | | | Casing ID | 6.276 |
| | 0.2148 cuft/ft | 7" casing casing volume | | | | | | |

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

Drake Intermediate Cementing Program

Notify NMOCD & BLM if cement is not circulated to surface. Cement must achieve 500 psi compressive strength

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

| | | | | |
|---------------------------------------|----|-----------------------|-----------------------|-----------------|
| 6,233 ft (MD) | to | 15,466 ft (MD) | Hole Section Length: | 9,233 ft |
| 5,321 ft (TVD) | to | 5,251 ft (TVD) | Casing Required: | 9,383 ft |
| Estimated KOP: | | 5,652 ft (MD) | 4,990 ft (TVD) | |
| Estimated Liner Top: | | 6,083 ft (MD) | 5,275 ft (TVD) | |
| Estimated Landing Point (FTP): | | 6,133 ft (MD) | 5,295 ft (TVD) | |
| Estimated Lateral Length: | | 9,333 ft (MD) | | |

| Fluid: | Type | MW (ppg) | FL (mL/30') | PV (cp) | YP (lb/100 sqft) | pH | Comments | Comments |
|--------|------------|-----------|-------------|---------|------------------|-------|------------|--------------------|
| | WBM | 8.7 - 9.0 | NC | 20.00 | ±2 | 9-9.5 | prod water | OBM as contingency |

Hole Size: 6.125

Bit / Motor: 6-1/8" 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')

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

Pressure Test: NU BOPE and test (as noted above); pressure test 9-5/8" casing to **1,500** psi for 30 minutes.

| Liner/Casing Specs: | Size (in) | Wt (lb/ft) | Grade | Conn. | Collapse (psi) | Burst (psi) | Tens. Body (lbs) | Tens. Conn (lbs) |
|---------------------|-----------|------------|-------|-------|----------------|-------------|------------------|------------------|
| Specs | 4.500 | 11.6 | P-110 | BTC | 7,560 | 10,690 | 367,000 | 385,000 |
| Loading | | | | | 2,594 | 8,800 | 254,811 | 254,811 |
| Min. S.F. | | | | | 2.91 | 1.21 | 1.44 | 1.51 |

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
Tension: buoyed weight in 9.0 ppg fluid with 100,000 lbs over-pull. Tension calculations assume

MU Torque (ft lbs): Minimum: BTC Optimum: BTC Maximum: BTC

Centralizers: Centralizer count and placement may be adjusted based on well conditions and as-drilled surveys.

| 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 | |
| Tail | G:POZ blend | 13.3 | 1.560 | 7.70 | 30% | 6,083 | 768 | 1,198 |
| Displacement | 206 | est bbls | | | | | | |
| Annular Capacities | 0.1044 | cuft/ft | 4-1/2" casing x 7" casing annulus | | | | | |
| | 0.09417 | cuft/ft | 4-1/2" casing x 6-1/8" hole annulus | | | | | |
| | 0.0873 | cuft/ft | 4-1/2" casing volume est shoe jt ft 100 | | | | | |
| | 0.0102 | bbls/ft | 4" DP capacity | | | | | |

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

American Cementing Liner & Production Blend

| | | | | | | | |
|-----------|------------------|-------------------------------|-------------------------------|-------------------------------|--|--|--|
| Spacer | S-8 Silica Flour | Avis 616 viscosifier | FP24 Defoamer .5 | IntegraGuard Star | Plus 3K LCM 15 | SS201 Surfactant 1 | |
| | 163.7 lbs/bbl | 11.6 lb/bbl | lb/bbl | lb/bbl | gal/bbl | | |
| Lead/Tail | 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 |
| | 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, IntegraSeal 0.25 lb/sx |

Notify NMOCD & BLM if cement is not circulated to surface.

Note: This well will not be considered an unorthodox well location as defined by NMAC 19.15.16.15.C.5. As defined in NMAC 19.15.16.15.C.1.a and 19.15.16.15.C.1.b, no point in the completed interval shall be closer to the unit boundary than 100' measured along the azimuth of the well or 330' measured perpendicular to the azimuth well. The boundaries of the completed interval, as defined by NMAC 19.15.16.7.B, are the last take point and first take point, as defined by NMAC 19.15.16.7.E and NMAC 19.15.16.7.J, respectively. In the case of this well, the last take point will be the bottom toe-initiation sleeve, and the first take point will be the top perforation. Neither the toe-initiation sleeve nor the top perforation shall be closer to the unit boundary than 100' measured along the azimuth of the well or 330' measured perpendicular to the azimuth of the well.

FINISH WELL: ND BOP, cap well, RDMO.

COMPLETION AND PRODUCTION PLAN:

Est Lateral Length: 9,233

Est Frac Inform: 38 Frac Stages 148,000 bbls slick water 12,010,000 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: 5/16/2024

Completion: 7/15/2024

Production: 8/29/2024

Prepared by: Greg Olson 1/25/2024

Updated: Greg Olson 4/11/2024

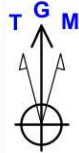


Well: Nageezi Unit 218H
Site: Nageezi Unit (213, 214, 215, 216, 217 & 218)
Project: San Juan County, New Mexico NAD83 NM W
Design: rev0

DESIGN TARGET DETAILS

| Name | TVD | +N/-S | +E/-W | North | Easting | Latitude | Longitude |
|---|---------|----------|---------|------------|------------|-------------|---------------|
| Nageezi 218H BHL 288 FSL 244 FEL 3330 ppd | 5251.00 | -6657.00 | 9559.67 | 1915511.01 | 2752685.30 | 36.26427700 | -107.73294700 |
| Nageezi 218H PPP/POE 1443 FSL 1769 FEL | 5295.05 | -290.62 | 2740.92 | 1921877.37 | 2745866.56 | 36.28178300 | -107.75606000 |
| Nageezi 218H vert | 5350.00 | 1211.93 | 1131.32 | 1923379.92 | 2744256.96 | 36.28591400 | -107.76151744 |

| Section Details | | | | | | | | | | Annotation |
|-----------------|----------|-------|---------|---------|----------|---------|-------|-------|----------|--------------------------------|
| Sec | MD | Inc | Azi | TVD | +N/-S | +E/-W | Dleg | TFace | VFace | |
| 1 | 0.00 | 0.00 | 0.000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | KOP Begin 3°/100' build |
| 2 | 500.00 | 0.00 | 0.000 | 500.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Begin 31.65° tangent |
| 3 | 1555.10 | 31.65 | 92.826 | 1502.25 | -14.01 | 283.76 | 3.00 | 92.83 | 216.99 | Begin 10°/100' build/turn |
| 4 | 5652.25 | 31.65 | 92.826 | 4989.90 | -120.03 | 2431.22 | 0.00 | 0.00 | 1859.12 | POE @ 6133.29 MD 5295.05 TVD |
| 5 | 6133.29 | 70.00 | 133.030 | 5295.05 | -290.62 | 2740.92 | 10.00 | 54.58 | 2201.92 | Begin 90.49° lateral |
| 6 | 6338.23 | 90.49 | 133.035 | 5329.58 | -427.71 | 2887.77 | 10.00 | 0.01 | 2402.81 | PBHL @ 15466.45 MD 5251.00 TVD |
| 7 | 15466.45 | 90.49 | 133.035 | 5251.00 | -6657.00 | 9559.67 | 0.00 | 0.00 | 11530.70 | |



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

Magnetic Field
 Strength: 49065.9nT
 Dip Angle: 62.73°
 Date: 2/8/2024
 Model: IGRF2020

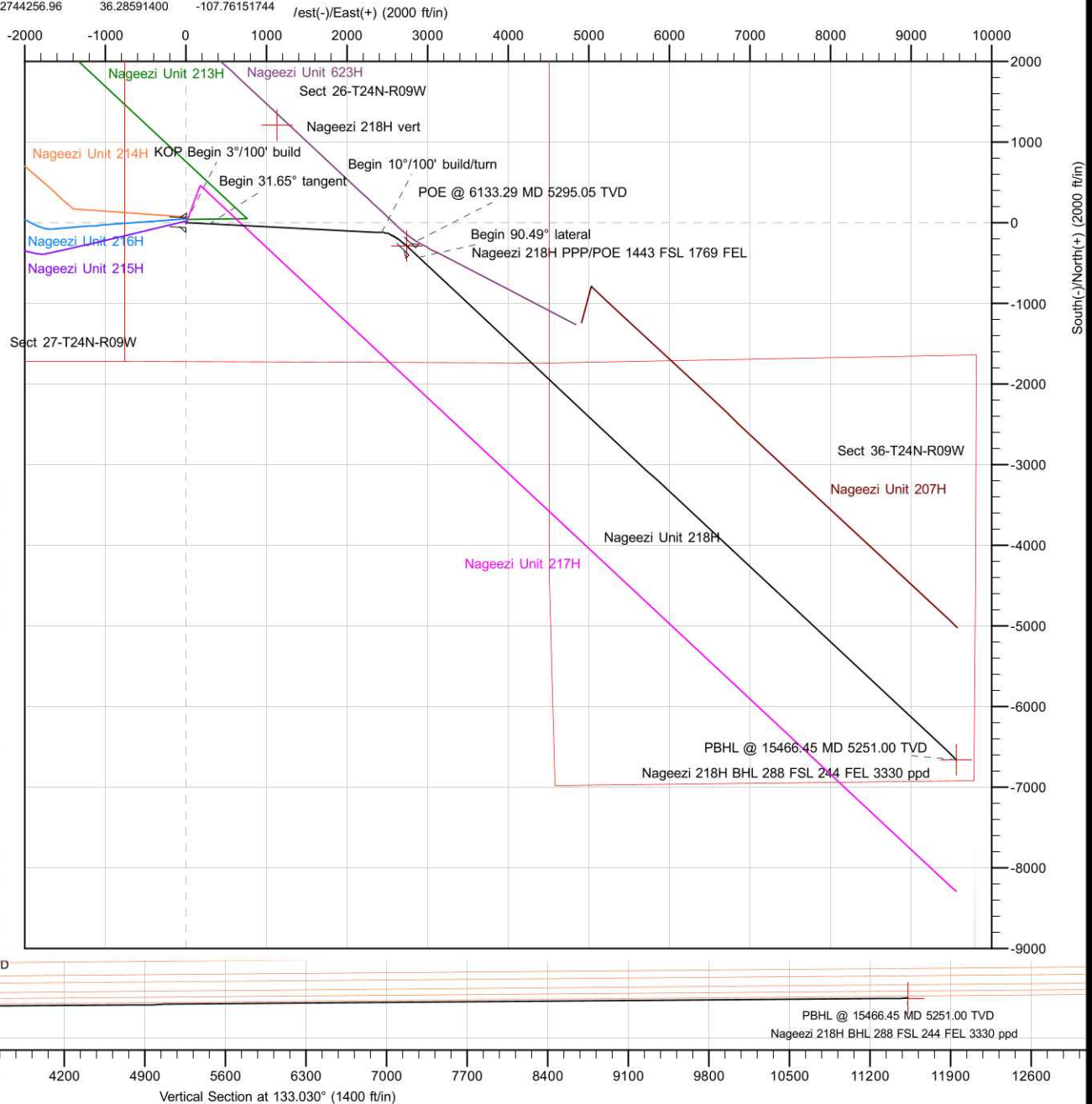
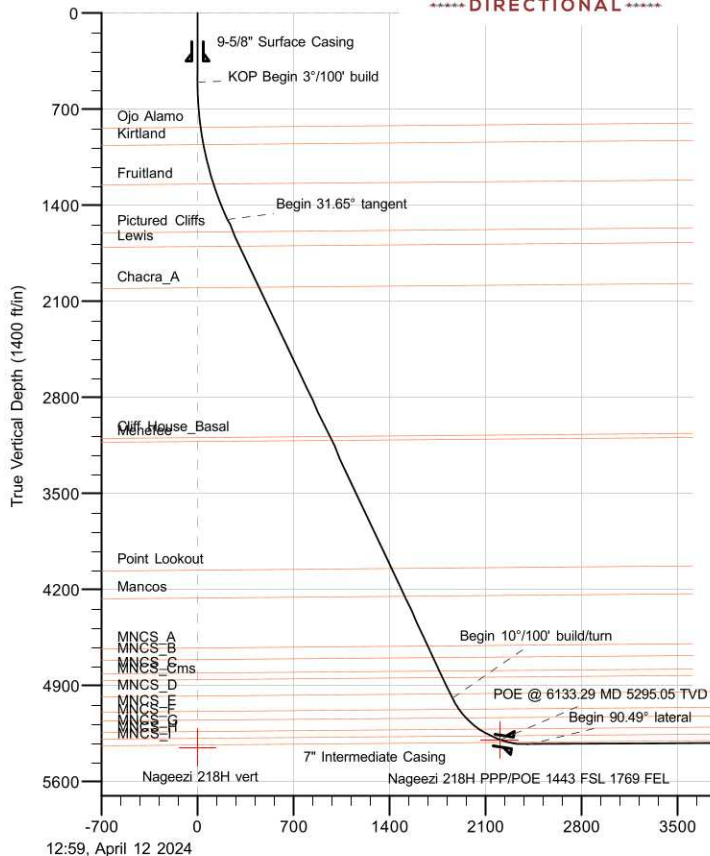
Geodetic System: US State Plane 1983
 Datum: North American Datum 1983
 Ellipsoid: GRS 1980
 Zone: New Mexico Western Zone
 System Datum: Mean Sea Level
 Depth Reference: RKB=6826+25 @ 6851.00ft

Surface location:
 Northing 1922167.99 Easting 2743125.64 Latitude 36.28258700 Longitude -107.76535900

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

CASING DETAILS

| TVD | MD | Size |
|---------|---------|-------|
| 350.00 | 350.00 | 9-5/8 |
| 5320.90 | 6233.29 | 7 |





Planning Report

| | | | |
|------------------|--|-------------------------------------|-------------------------|
| Database: | DT_Mar1724_v17 | Local Co-ordinate Reference: | Well Nageezi Unit 218H |
| 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 218H | 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 218H, Surf loc: 1705 FSL 754 FWL Section 26-T24N-R09W | | | | | |
| Well Position | +N/-S | 0.00 ft | Northing: | 1,922,167.99 usft | Latitude: | 36.28258700 |
| | +E/-W | 0.00 ft | Easting: | 2,743,125.64 usft | Longitude: | -107.76535900 |
| 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 | 49,065.92430133 |

| | | | | |
|--------------------------|------------------------------|-------------------|----------------------|----------------------|
| 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 | 133.030 |

| | | | | |
|---------------------------------|----------------------|--------------------------|----------------------|---------------------|
| Plan Survey Tool Program | Date | 4/12/2024 | | |
| Depth From (ft) | Depth To (ft) | Survey (Wellbore) | Tool Name | Remarks |
| 1 | 0.00 | 15,466.40 | 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 | 0.000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 500.00 | 0.00 | 0.000 | 500.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 1,555.10 | 31.65 | 92.826 | 1,502.25 | -14.01 | 283.76 | 3.00 | 3.00 | 0.00 | 92.83 | |
| 5,652.25 | 31.65 | 92.826 | 4,989.90 | -120.03 | 2,431.22 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 6,133.29 | 70.00 | 133.030 | 5,295.05 | -290.62 | 2,740.92 | 10.00 | 7.97 | 8.36 | 54.58 | Nageezi 218H PPP/P |
| 6,338.23 | 90.49 | 133.035 | 5,329.58 | -427.71 | 2,887.77 | 10.00 | 10.00 | 0.00 | 0.01 | |
| 15,466.45 | 90.49 | 133.035 | 5,251.00 | -6,657.00 | 9,559.67 | 0.00 | 0.00 | 0.00 | 0.00 | Nageezi 218H BHL 21 |



Planning Report

| | | | |
|------------------|--|-------------------------------------|-------------------------|
| Database: | DT_Mar1724_v17 | Local Co-ordinate Reference: | Well Nageezi Unit 218H |
| 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 218H | 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 | 0.000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 100.00 | 0.00 | 0.000 | 100.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 200.00 | 0.00 | 0.000 | 200.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 300.00 | 0.00 | 0.000 | 300.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 350.00 | 0.00 | 0.000 | 350.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9-5/8" Surface Casing | | | | | | | | | |
| 400.00 | 0.00 | 0.000 | 400.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 500.00 | 0.00 | 0.000 | 500.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| KOP Begin 3°/100' build | | | | | | | | | |
| 600.00 | 3.00 | 92.826 | 599.95 | -0.13 | 2.61 | 2.00 | 3.00 | 3.00 | 0.00 |
| 700.00 | 6.00 | 92.826 | 699.63 | -0.52 | 10.45 | 7.99 | 3.00 | 3.00 | 0.00 |
| 800.00 | 9.00 | 92.826 | 798.77 | -1.16 | 23.48 | 17.96 | 3.00 | 3.00 | 0.00 |
| 832.49 | 9.97 | 92.826 | 830.82 | -1.42 | 28.83 | 22.05 | 3.00 | 3.00 | 0.00 |
| Ojo Alamo | | | | | | | | | |
| 900.00 | 12.00 | 92.826 | 897.08 | -2.06 | 41.68 | 31.88 | 3.00 | 3.00 | 0.00 |
| 960.08 | 13.80 | 92.826 | 955.65 | -2.72 | 55.08 | 42.12 | 3.00 | 3.00 | 0.00 |
| Kirtland | | | | | | | | | |
| 1,000.00 | 15.00 | 92.826 | 994.31 | -3.21 | 65.00 | 49.70 | 3.00 | 3.00 | 0.00 |
| 1,100.00 | 18.00 | 92.826 | 1,090.18 | -4.61 | 93.36 | 71.39 | 3.00 | 3.00 | 0.00 |
| 1,200.00 | 21.00 | 92.826 | 1,184.43 | -6.25 | 126.70 | 96.88 | 3.00 | 3.00 | 0.00 |
| 1,265.35 | 22.96 | 92.826 | 1,245.03 | -7.46 | 151.13 | 115.56 | 3.00 | 3.00 | 0.00 |
| Fruitland | | | | | | | | | |
| 1,300.00 | 24.00 | 92.826 | 1,276.81 | -8.14 | 164.92 | 126.11 | 3.00 | 3.00 | 0.00 |
| 1,400.00 | 27.00 | 92.826 | 1,367.06 | -10.26 | 207.91 | 158.98 | 3.00 | 3.00 | 0.00 |
| 1,500.00 | 30.00 | 92.826 | 1,454.93 | -12.62 | 255.56 | 195.42 | 3.00 | 3.00 | 0.00 |
| 1,555.10 | 31.65 | 92.826 | 1,502.25 | -14.01 | 283.76 | 216.99 | 3.00 | 3.00 | 0.00 |
| Begin 31.65° tangent | | | | | | | | | |
| 1,600.00 | 31.65 | 92.826 | 1,540.46 | -15.17 | 307.30 | 234.98 | 0.00 | 0.00 | 0.00 |
| 1,656.83 | 31.65 | 92.826 | 1,588.84 | -16.64 | 337.08 | 257.76 | 0.00 | 0.00 | 0.00 |
| Pictured Cliffs | | | | | | | | | |
| 1,700.00 | 31.65 | 92.826 | 1,625.59 | -17.76 | 359.71 | 275.06 | 0.00 | 0.00 | 0.00 |
| 1,785.55 | 31.65 | 92.826 | 1,698.41 | -19.97 | 404.55 | 309.35 | 0.00 | 0.00 | 0.00 |
| Lewis | | | | | | | | | |
| 1,800.00 | 31.65 | 92.826 | 1,710.71 | -20.35 | 412.12 | 315.14 | 0.00 | 0.00 | 0.00 |
| 1,900.00 | 31.65 | 92.826 | 1,795.84 | -22.93 | 464.54 | 355.22 | 0.00 | 0.00 | 0.00 |
| 2,000.00 | 31.65 | 92.826 | 1,880.96 | -25.52 | 516.95 | 395.30 | 0.00 | 0.00 | 0.00 |
| 2,100.00 | 31.65 | 92.826 | 1,966.09 | -28.11 | 569.36 | 435.38 | 0.00 | 0.00 | 0.00 |
| 2,136.59 | 31.65 | 92.826 | 1,997.23 | -29.06 | 588.54 | 450.05 | 0.00 | 0.00 | 0.00 |
| Chacra_A | | | | | | | | | |
| 2,200.00 | 31.65 | 92.826 | 2,051.21 | -30.70 | 621.78 | 475.46 | 0.00 | 0.00 | 0.00 |
| 2,300.00 | 31.65 | 92.826 | 2,136.33 | -33.28 | 674.19 | 515.54 | 0.00 | 0.00 | 0.00 |
| 2,400.00 | 31.65 | 92.826 | 2,221.46 | -35.87 | 726.60 | 555.62 | 0.00 | 0.00 | 0.00 |
| 2,500.00 | 31.65 | 92.826 | 2,306.58 | -38.46 | 779.02 | 595.70 | 0.00 | 0.00 | 0.00 |
| 2,600.00 | 31.65 | 92.826 | 2,391.71 | -41.05 | 831.43 | 635.78 | 0.00 | 0.00 | 0.00 |
| 2,700.00 | 31.65 | 92.826 | 2,476.83 | -43.63 | 883.85 | 675.86 | 0.00 | 0.00 | 0.00 |
| 2,800.00 | 31.65 | 92.826 | 2,561.95 | -46.22 | 936.26 | 715.94 | 0.00 | 0.00 | 0.00 |
| 2,900.00 | 31.65 | 92.826 | 2,647.08 | -48.81 | 988.67 | 756.02 | 0.00 | 0.00 | 0.00 |
| 3,000.00 | 31.65 | 92.826 | 2,732.20 | -51.40 | 1,041.09 | 796.10 | 0.00 | 0.00 | 0.00 |
| 3,100.00 | 31.65 | 92.826 | 2,817.33 | -53.98 | 1,093.50 | 836.18 | 0.00 | 0.00 | 0.00 |
| 3,200.00 | 31.65 | 92.826 | 2,902.45 | -56.57 | 1,145.91 | 876.26 | 0.00 | 0.00 | 0.00 |
| 3,300.00 | 31.65 | 92.826 | 2,987.57 | -59.16 | 1,198.33 | 916.34 | 0.00 | 0.00 | 0.00 |
| 3,400.00 | 31.65 | 92.826 | 3,072.70 | -61.75 | 1,250.74 | 956.42 | 0.00 | 0.00 | 0.00 |
| 3,412.04 | 31.65 | 92.826 | 3,082.95 | -62.06 | 1,257.05 | 961.25 | 0.00 | 0.00 | 0.00 |



Planning Report

| | | | |
|------------------|--|-------------------------------------|-------------------------|
| Database: | DT_Mar1724_v17 | Local Co-ordinate Reference: | Well Nageezi Unit 218H |
| 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 218H | 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) |
| Cliff House_Basal | | | | | | | | | |
| 3,447.14 | 31.65 | 92.826 | 3,112.83 | -62.97 | 1,275.45 | 975.32 | 0.00 | 0.00 | 0.00 |
| Menefee | | | | | | | | | |
| 3,500.00 | 31.65 | 92.826 | 3,157.82 | -64.33 | 1,303.15 | 996.50 | 0.00 | 0.00 | 0.00 |
| 3,600.00 | 31.65 | 92.826 | 3,242.95 | -66.92 | 1,355.57 | 1,036.58 | 0.00 | 0.00 | 0.00 |
| 3,700.00 | 31.65 | 92.826 | 3,328.07 | -69.51 | 1,407.98 | 1,076.66 | 0.00 | 0.00 | 0.00 |
| 3,800.00 | 31.65 | 92.826 | 3,413.20 | -72.10 | 1,460.40 | 1,116.74 | 0.00 | 0.00 | 0.00 |
| 3,900.00 | 31.65 | 92.826 | 3,498.32 | -74.68 | 1,512.81 | 1,156.82 | 0.00 | 0.00 | 0.00 |
| 4,000.00 | 31.65 | 92.826 | 3,583.44 | -77.27 | 1,565.22 | 1,196.90 | 0.00 | 0.00 | 0.00 |
| 4,100.00 | 31.65 | 92.826 | 3,668.57 | -79.86 | 1,617.64 | 1,236.98 | 0.00 | 0.00 | 0.00 |
| 4,200.00 | 31.65 | 92.826 | 3,753.69 | -82.45 | 1,670.05 | 1,277.06 | 0.00 | 0.00 | 0.00 |
| 4,300.00 | 31.65 | 92.826 | 3,838.82 | -85.03 | 1,722.46 | 1,317.14 | 0.00 | 0.00 | 0.00 |
| 4,400.00 | 31.65 | 92.826 | 3,923.94 | -87.62 | 1,774.88 | 1,357.22 | 0.00 | 0.00 | 0.00 |
| 4,500.00 | 31.65 | 92.826 | 4,009.06 | -90.21 | 1,827.29 | 1,397.30 | 0.00 | 0.00 | 0.00 |
| 4,541.22 | 31.65 | 92.826 | 4,044.16 | -91.28 | 1,848.90 | 1,413.82 | 0.00 | 0.00 | 0.00 |
| Point Lookout | | | | | | | | | |
| 4,600.00 | 31.65 | 92.826 | 4,094.19 | -92.80 | 1,879.70 | 1,437.38 | 0.00 | 0.00 | 0.00 |
| 4,700.00 | 31.65 | 92.826 | 4,179.31 | -95.39 | 1,932.12 | 1,477.46 | 0.00 | 0.00 | 0.00 |
| 4,778.76 | 31.65 | 92.826 | 4,246.36 | -97.42 | 1,973.40 | 1,509.03 | 0.00 | 0.00 | 0.00 |
| Mancos | | | | | | | | | |
| 4,800.00 | 31.65 | 92.826 | 4,264.44 | -97.97 | 1,984.53 | 1,517.54 | 0.00 | 0.00 | 0.00 |
| 4,900.00 | 31.65 | 92.826 | 4,349.56 | -100.56 | 2,036.95 | 1,557.62 | 0.00 | 0.00 | 0.00 |
| 5,000.00 | 31.65 | 92.826 | 4,434.68 | -103.15 | 2,089.36 | 1,597.70 | 0.00 | 0.00 | 0.00 |
| 5,100.00 | 31.65 | 92.826 | 4,519.81 | -105.74 | 2,141.77 | 1,637.78 | 0.00 | 0.00 | 0.00 |
| 5,200.00 | 31.65 | 92.826 | 4,604.93 | -108.32 | 2,194.19 | 1,677.86 | 0.00 | 0.00 | 0.00 |
| 5,208.20 | 31.65 | 92.826 | 4,611.92 | -108.54 | 2,198.49 | 1,681.15 | 0.00 | 0.00 | 0.00 |
| MNCS_A | | | | | | | | | |
| 5,300.00 | 31.65 | 92.826 | 4,690.06 | -110.91 | 2,246.60 | 1,717.94 | 0.00 | 0.00 | 0.00 |
| 5,305.33 | 31.65 | 92.826 | 4,694.59 | -111.05 | 2,249.39 | 1,720.07 | 0.00 | 0.00 | 0.00 |
| MNCS_B | | | | | | | | | |
| 5,400.00 | 31.65 | 92.826 | 4,775.18 | -113.50 | 2,299.01 | 1,758.02 | 0.00 | 0.00 | 0.00 |
| 5,424.68 | 31.65 | 92.826 | 4,796.19 | -114.14 | 2,311.95 | 1,767.91 | 0.00 | 0.00 | 0.00 |
| MNCS_C | | | | | | | | | |
| 5,477.34 | 31.65 | 92.826 | 4,841.01 | -115.50 | 2,339.55 | 1,789.02 | 0.00 | 0.00 | 0.00 |
| MNCS_Cms | | | | | | | | | |
| 5,500.00 | 31.65 | 92.826 | 4,860.31 | -116.09 | 2,351.43 | 1,798.10 | 0.00 | 0.00 | 0.00 |
| 5,600.00 | 31.65 | 92.826 | 4,945.43 | -118.67 | 2,403.84 | 1,838.18 | 0.00 | 0.00 | 0.00 |
| 5,617.75 | 31.65 | 92.826 | 4,960.54 | -119.13 | 2,413.15 | 1,845.29 | 0.00 | 0.00 | 0.00 |
| MNCS_D | | | | | | | | | |
| 5,652.25 | 31.65 | 92.826 | 4,989.90 | -120.03 | 2,431.22 | 1,859.12 | 0.00 | 0.00 | 0.00 |
| Begin 10°/100' build/turn | | | | | | | | | |
| 5,700.00 | 34.62 | 99.685 | 5,029.90 | -122.93 | 2,457.13 | 1,880.03 | 10.00 | 6.21 | 14.36 |
| 5,750.00 | 38.07 | 105.792 | 5,070.18 | -129.52 | 2,485.98 | 1,905.62 | 10.00 | 6.91 | 12.21 |
| 5,753.61 | 38.33 | 106.196 | 5,073.02 | -130.13 | 2,488.12 | 1,907.61 | 10.00 | 7.22 | 11.18 |
| MNCS_E | | | | | | | | | |
| 5,800.00 | 41.80 | 110.995 | 5,108.53 | -139.69 | 2,516.39 | 1,934.79 | 10.00 | 7.47 | 10.35 |
| 5,839.95 | 44.92 | 114.625 | 5,137.58 | -150.34 | 2,541.65 | 1,960.53 | 10.00 | 7.82 | 9.09 |
| MNCS_F | | | | | | | | | |
| 5,850.00 | 45.72 | 115.475 | 5,144.64 | -153.36 | 2,548.12 | 1,967.32 | 10.00 | 7.99 | 8.46 |
| 5,900.00 | 49.80 | 119.383 | 5,178.25 | -170.44 | 2,580.94 | 2,002.97 | 10.00 | 8.16 | 7.82 |
| 5,950.00 | 54.00 | 122.841 | 5,209.10 | -190.79 | 2,614.59 | 2,041.45 | 10.00 | 8.39 | 6.92 |
| 5,963.29 | 55.13 | 123.697 | 5,216.81 | -196.74 | 2,623.65 | 2,052.13 | 10.00 | 8.51 | 6.44 |



Planning Report

| | | | |
|------------------|--|-------------------------------------|-------------------------|
| Database: | DT_Mar1724_v17 | Local Co-ordinate Reference: | Well Nageezi Unit 218H |
| 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 218H | 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) |
| MNCS_G | | | | | | | | | |
| 6,000.00 | 58.28 | 125.945 | 5,236.96 | -214.26 | 2,648.83 | 2,082.49 | 10.00 | 8.59 | 6.12 |
| 6,050.00 | 62.64 | 128.773 | 5,261.61 | -240.67 | 2,683.37 | 2,125.76 | 10.00 | 8.71 | 5.66 |
| 6,057.77 | 63.32 | 129.191 | 5,265.13 | -245.02 | 2,688.75 | 2,132.66 | 10.00 | 8.77 | 5.39 |
| MNCS_H | | | | | | | | | |
| 6,100.00 | 67.04 | 131.385 | 5,282.86 | -269.81 | 2,717.98 | 2,170.94 | 10.00 | 8.82 | 5.19 |
| 6,133.29 | 70.00 | 133.030 | 5,295.05 | -290.62 | 2,740.92 | 2,201.92 | 10.00 | 8.88 | 4.94 |
| POE @ 6133.29 MD 5295.05 TVD | | | | | | | | | |
| 6,150.00 | 71.67 | 133.030 | 5,300.53 | -301.39 | 2,752.46 | 2,217.70 | 10.00 | 10.00 | 0.00 |
| 6,187.37 | 75.41 | 133.031 | 5,311.12 | -325.84 | 2,778.64 | 2,253.53 | 10.00 | 10.00 | 0.00 |
| MNCS_I | | | | | | | | | |
| 6,200.00 | 76.67 | 133.032 | 5,314.17 | -334.20 | 2,787.61 | 2,265.79 | 10.00 | 10.00 | 0.00 |
| 6,233.29 | 80.00 | 133.033 | 5,320.90 | -356.45 | 2,811.44 | 2,298.38 | 10.00 | 10.00 | 0.00 |
| 7" Intermediate Casing | | | | | | | | | |
| 6,250.00 | 81.67 | 133.033 | 5,323.56 | -367.71 | 2,823.49 | 2,314.88 | 10.00 | 10.00 | 0.00 |
| 6,300.00 | 86.67 | 133.034 | 5,328.64 | -401.64 | 2,859.84 | 2,364.61 | 10.00 | 10.00 | 0.00 |
| 6,338.23 | 90.49 | 133.035 | 5,329.58 | -427.71 | 2,887.77 | 2,402.81 | 10.00 | 10.00 | 0.00 |
| Begin 90.49° lateral | | | | | | | | | |
| 6,400.00 | 90.49 | 133.035 | 5,329.05 | -469.87 | 2,932.92 | 2,464.58 | 0.00 | 0.00 | 0.00 |
| 6,500.00 | 90.49 | 133.035 | 5,328.19 | -538.11 | 3,006.01 | 2,564.58 | 0.00 | 0.00 | 0.00 |
| 6,600.00 | 90.49 | 133.035 | 5,327.33 | -606.35 | 3,079.10 | 2,664.58 | 0.00 | 0.00 | 0.00 |
| 6,700.00 | 90.49 | 133.035 | 5,326.47 | -674.60 | 3,152.19 | 2,764.57 | 0.00 | 0.00 | 0.00 |
| 6,800.00 | 90.49 | 133.035 | 5,325.61 | -742.84 | 3,225.28 | 2,864.57 | 0.00 | 0.00 | 0.00 |
| 6,900.00 | 90.49 | 133.035 | 5,324.75 | -811.08 | 3,298.37 | 2,964.57 | 0.00 | 0.00 | 0.00 |
| 7,000.00 | 90.49 | 133.035 | 5,323.89 | -879.32 | 3,371.46 | 3,064.56 | 0.00 | 0.00 | 0.00 |
| 7,100.00 | 90.49 | 133.035 | 5,323.02 | -947.56 | 3,444.56 | 3,164.56 | 0.00 | 0.00 | 0.00 |
| 7,200.00 | 90.49 | 133.035 | 5,322.16 | -1,015.81 | 3,517.65 | 3,264.55 | 0.00 | 0.00 | 0.00 |
| 7,300.00 | 90.49 | 133.035 | 5,321.30 | -1,084.05 | 3,590.74 | 3,364.55 | 0.00 | 0.00 | 0.00 |
| 7,400.00 | 90.49 | 133.035 | 5,320.44 | -1,152.29 | 3,663.83 | 3,464.55 | 0.00 | 0.00 | 0.00 |
| 7,500.00 | 90.49 | 133.035 | 5,319.58 | -1,220.53 | 3,736.92 | 3,564.54 | 0.00 | 0.00 | 0.00 |
| 7,600.00 | 90.49 | 133.035 | 5,318.72 | -1,288.77 | 3,810.01 | 3,664.54 | 0.00 | 0.00 | 0.00 |
| 7,700.00 | 90.49 | 133.035 | 5,317.86 | -1,357.02 | 3,883.10 | 3,764.54 | 0.00 | 0.00 | 0.00 |
| 7,800.00 | 90.49 | 133.035 | 5,317.00 | -1,425.26 | 3,956.19 | 3,864.53 | 0.00 | 0.00 | 0.00 |
| 7,900.00 | 90.49 | 133.035 | 5,316.14 | -1,493.50 | 4,029.28 | 3,964.53 | 0.00 | 0.00 | 0.00 |
| 8,000.00 | 90.49 | 133.035 | 5,315.28 | -1,561.74 | 4,102.37 | 4,064.53 | 0.00 | 0.00 | 0.00 |
| 8,100.00 | 90.49 | 133.035 | 5,314.42 | -1,629.98 | 4,175.47 | 4,164.52 | 0.00 | 0.00 | 0.00 |
| 8,200.00 | 90.49 | 133.035 | 5,313.55 | -1,698.23 | 4,248.56 | 4,264.52 | 0.00 | 0.00 | 0.00 |
| 8,300.00 | 90.49 | 133.035 | 5,312.69 | -1,766.47 | 4,321.65 | 4,364.51 | 0.00 | 0.00 | 0.00 |
| 8,400.00 | 90.49 | 133.035 | 5,311.83 | -1,834.71 | 4,394.74 | 4,464.51 | 0.00 | 0.00 | 0.00 |
| 8,500.00 | 90.49 | 133.035 | 5,310.97 | -1,902.95 | 4,467.83 | 4,564.51 | 0.00 | 0.00 | 0.00 |
| 8,600.00 | 90.49 | 133.035 | 5,310.11 | -1,971.19 | 4,540.92 | 4,664.50 | 0.00 | 0.00 | 0.00 |
| 8,700.00 | 90.49 | 133.035 | 5,309.25 | -2,039.44 | 4,614.01 | 4,764.50 | 0.00 | 0.00 | 0.00 |
| 8,800.00 | 90.49 | 133.035 | 5,308.39 | -2,107.68 | 4,687.10 | 4,864.50 | 0.00 | 0.00 | 0.00 |
| 8,900.00 | 90.49 | 133.035 | 5,307.53 | -2,175.92 | 4,760.19 | 4,964.49 | 0.00 | 0.00 | 0.00 |
| 9,000.00 | 90.49 | 133.035 | 5,306.67 | -2,244.16 | 4,833.28 | 5,064.49 | 0.00 | 0.00 | 0.00 |
| 9,100.00 | 90.49 | 133.035 | 5,305.81 | -2,312.40 | 4,906.37 | 5,164.48 | 0.00 | 0.00 | 0.00 |
| 9,200.00 | 90.49 | 133.035 | 5,304.95 | -2,380.65 | 4,979.47 | 5,264.48 | 0.00 | 0.00 | 0.00 |
| 9,300.00 | 90.49 | 133.035 | 5,304.09 | -2,448.89 | 5,052.56 | 5,364.48 | 0.00 | 0.00 | 0.00 |
| 9,400.00 | 90.49 | 133.035 | 5,303.22 | -2,517.13 | 5,125.65 | 5,464.47 | 0.00 | 0.00 | 0.00 |
| 9,500.00 | 90.49 | 133.035 | 5,302.36 | -2,585.37 | 5,198.74 | 5,564.47 | 0.00 | 0.00 | 0.00 |
| 9,600.00 | 90.49 | 133.035 | 5,301.50 | -2,653.61 | 5,271.83 | 5,664.47 | 0.00 | 0.00 | 0.00 |
| 9,700.00 | 90.49 | 133.035 | 5,300.64 | -2,721.86 | 5,344.92 | 5,764.46 | 0.00 | 0.00 | 0.00 |
| 9,800.00 | 90.49 | 133.035 | 5,299.78 | -2,790.10 | 5,418.01 | 5,864.46 | 0.00 | 0.00 | 0.00 |



Planning Report

| | | | |
|------------------|--|-------------------------------------|-------------------------|
| Database: | DT_Mar1724_v17 | Local Co-ordinate Reference: | Well Nageezi Unit 218H |
| 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 218H | 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 | 90.49 | 133.035 | 5,298.92 | -2,858.34 | 5,491.10 | 5,964.45 | 0.00 | 0.00 | 0.00 |
| 10,000.00 | 90.49 | 133.035 | 5,298.06 | -2,926.58 | 5,564.19 | 6,064.45 | 0.00 | 0.00 | 0.00 |
| 10,100.00 | 90.49 | 133.035 | 5,297.20 | -2,994.82 | 5,637.28 | 6,164.45 | 0.00 | 0.00 | 0.00 |
| 10,200.00 | 90.49 | 133.035 | 5,296.34 | -3,063.07 | 5,710.38 | 6,264.44 | 0.00 | 0.00 | 0.00 |
| 10,300.00 | 90.49 | 133.035 | 5,295.48 | -3,131.31 | 5,783.47 | 6,364.44 | 0.00 | 0.00 | 0.00 |
| 10,400.00 | 90.49 | 133.035 | 5,294.62 | -3,199.55 | 5,856.56 | 6,464.44 | 0.00 | 0.00 | 0.00 |
| 10,500.00 | 90.49 | 133.035 | 5,293.75 | -3,267.79 | 5,929.65 | 6,564.43 | 0.00 | 0.00 | 0.00 |
| 10,600.00 | 90.49 | 133.035 | 5,292.89 | -3,336.03 | 6,002.74 | 6,664.43 | 0.00 | 0.00 | 0.00 |
| 10,700.00 | 90.49 | 133.035 | 5,292.03 | -3,404.28 | 6,075.83 | 6,764.43 | 0.00 | 0.00 | 0.00 |
| 10,800.00 | 90.49 | 133.035 | 5,291.17 | -3,472.52 | 6,148.92 | 6,864.42 | 0.00 | 0.00 | 0.00 |
| 10,900.00 | 90.49 | 133.035 | 5,290.31 | -3,540.76 | 6,222.01 | 6,964.42 | 0.00 | 0.00 | 0.00 |
| 11,000.00 | 90.49 | 133.035 | 5,289.45 | -3,609.00 | 6,295.10 | 7,064.41 | 0.00 | 0.00 | 0.00 |
| 11,100.00 | 90.49 | 133.035 | 5,288.59 | -3,677.24 | 6,368.19 | 7,164.41 | 0.00 | 0.00 | 0.00 |
| 11,200.00 | 90.49 | 133.035 | 5,287.73 | -3,745.49 | 6,441.29 | 7,264.41 | 0.00 | 0.00 | 0.00 |
| 11,300.00 | 90.49 | 133.035 | 5,286.87 | -3,813.73 | 6,514.38 | 7,364.40 | 0.00 | 0.00 | 0.00 |
| 11,400.00 | 90.49 | 133.035 | 5,286.01 | -3,881.97 | 6,587.47 | 7,464.40 | 0.00 | 0.00 | 0.00 |
| 11,500.00 | 90.49 | 133.035 | 5,285.15 | -3,950.21 | 6,660.56 | 7,564.40 | 0.00 | 0.00 | 0.00 |
| 11,600.00 | 90.49 | 133.035 | 5,284.29 | -4,018.45 | 6,733.65 | 7,664.39 | 0.00 | 0.00 | 0.00 |
| 11,700.00 | 90.49 | 133.035 | 5,283.42 | -4,086.70 | 6,806.74 | 7,764.39 | 0.00 | 0.00 | 0.00 |
| 11,800.00 | 90.49 | 133.035 | 5,282.56 | -4,154.94 | 6,879.83 | 7,864.38 | 0.00 | 0.00 | 0.00 |
| 11,900.00 | 90.49 | 133.035 | 5,281.70 | -4,223.18 | 6,952.92 | 7,964.38 | 0.00 | 0.00 | 0.00 |
| 12,000.00 | 90.49 | 133.035 | 5,280.84 | -4,291.42 | 7,026.01 | 8,064.38 | 0.00 | 0.00 | 0.00 |
| 12,100.00 | 90.49 | 133.035 | 5,279.98 | -4,359.66 | 7,099.10 | 8,164.37 | 0.00 | 0.00 | 0.00 |
| 12,200.00 | 90.49 | 133.035 | 5,279.12 | -4,427.91 | 7,172.19 | 8,264.37 | 0.00 | 0.00 | 0.00 |
| 12,300.00 | 90.49 | 133.035 | 5,278.26 | -4,496.15 | 7,245.29 | 8,364.37 | 0.00 | 0.00 | 0.00 |
| 12,400.00 | 90.49 | 133.035 | 5,277.40 | -4,564.39 | 7,318.38 | 8,464.36 | 0.00 | 0.00 | 0.00 |
| 12,500.00 | 90.49 | 133.035 | 5,276.54 | -4,632.63 | 7,391.47 | 8,564.36 | 0.00 | 0.00 | 0.00 |
| 12,600.00 | 90.49 | 133.035 | 5,275.68 | -4,700.87 | 7,464.56 | 8,664.35 | 0.00 | 0.00 | 0.00 |
| 12,700.00 | 90.49 | 133.035 | 5,274.82 | -4,769.12 | 7,537.65 | 8,764.35 | 0.00 | 0.00 | 0.00 |
| 12,800.00 | 90.49 | 133.035 | 5,273.95 | -4,837.36 | 7,610.74 | 8,864.35 | 0.00 | 0.00 | 0.00 |
| 12,900.00 | 90.49 | 133.035 | 5,273.09 | -4,905.60 | 7,683.83 | 8,964.34 | 0.00 | 0.00 | 0.00 |
| 13,000.00 | 90.49 | 133.035 | 5,272.23 | -4,973.84 | 7,756.92 | 9,064.34 | 0.00 | 0.00 | 0.00 |
| 13,100.00 | 90.49 | 133.035 | 5,271.37 | -5,042.08 | 7,830.01 | 9,164.34 | 0.00 | 0.00 | 0.00 |
| 13,200.00 | 90.49 | 133.035 | 5,270.51 | -5,110.33 | 7,903.10 | 9,264.33 | 0.00 | 0.00 | 0.00 |
| 13,300.00 | 90.49 | 133.035 | 5,269.65 | -5,178.57 | 7,976.20 | 9,364.33 | 0.00 | 0.00 | 0.00 |
| 13,400.00 | 90.49 | 133.035 | 5,268.79 | -5,246.81 | 8,049.29 | 9,464.33 | 0.00 | 0.00 | 0.00 |
| 13,500.00 | 90.49 | 133.035 | 5,267.93 | -5,315.05 | 8,122.38 | 9,564.32 | 0.00 | 0.00 | 0.00 |
| 13,600.00 | 90.49 | 133.035 | 5,267.07 | -5,383.29 | 8,195.47 | 9,664.32 | 0.00 | 0.00 | 0.00 |
| 13,700.00 | 90.49 | 133.035 | 5,266.21 | -5,451.54 | 8,268.56 | 9,764.31 | 0.00 | 0.00 | 0.00 |
| 13,800.00 | 90.49 | 133.035 | 5,265.35 | -5,519.78 | 8,341.65 | 9,864.31 | 0.00 | 0.00 | 0.00 |
| 13,900.00 | 90.49 | 133.035 | 5,264.49 | -5,588.02 | 8,414.74 | 9,964.31 | 0.00 | 0.00 | 0.00 |
| 14,000.00 | 90.49 | 133.035 | 5,263.62 | -5,656.26 | 8,487.83 | 10,064.30 | 0.00 | 0.00 | 0.00 |
| 14,100.00 | 90.49 | 133.035 | 5,262.76 | -5,724.50 | 8,560.92 | 10,164.30 | 0.00 | 0.00 | 0.00 |
| 14,200.00 | 90.49 | 133.035 | 5,261.90 | -5,792.75 | 8,634.01 | 10,264.30 | 0.00 | 0.00 | 0.00 |
| 14,300.00 | 90.49 | 133.035 | 5,261.04 | -5,860.99 | 8,707.10 | 10,364.29 | 0.00 | 0.00 | 0.00 |
| 14,400.00 | 90.49 | 133.035 | 5,260.18 | -5,929.23 | 8,780.20 | 10,464.29 | 0.00 | 0.00 | 0.00 |
| 14,500.00 | 90.49 | 133.035 | 5,259.32 | -5,997.47 | 8,853.29 | 10,564.28 | 0.00 | 0.00 | 0.00 |
| 14,600.00 | 90.49 | 133.035 | 5,258.46 | -6,065.71 | 8,926.38 | 10,664.28 | 0.00 | 0.00 | 0.00 |
| 14,700.00 | 90.49 | 133.035 | 5,257.60 | -6,133.96 | 8,999.47 | 10,764.28 | 0.00 | 0.00 | 0.00 |
| 14,800.00 | 90.49 | 133.035 | 5,256.74 | -6,202.20 | 9,072.56 | 10,864.27 | 0.00 | 0.00 | 0.00 |
| 14,900.00 | 90.49 | 133.035 | 5,255.88 | -6,270.44 | 9,145.65 | 10,964.27 | 0.00 | 0.00 | 0.00 |
| 15,000.00 | 90.49 | 133.035 | 5,255.02 | -6,338.68 | 9,218.74 | 11,064.27 | 0.00 | 0.00 | 0.00 |
| 15,100.00 | 90.49 | 133.035 | 5,254.15 | -6,406.92 | 9,291.83 | 11,164.26 | 0.00 | 0.00 | 0.00 |
| 15,200.00 | 90.49 | 133.035 | 5,253.29 | -6,475.17 | 9,364.92 | 11,264.26 | 0.00 | 0.00 | 0.00 |



Planning Report

| | | | |
|------------------|--|-------------------------------------|-------------------------|
| Database: | DT_Mar1724_v17 | Local Co-ordinate Reference: | Well Nageezi Unit 218H |
| 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 218H | 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 | 90.49 | 133.035 | 5,252.43 | -6,543.41 | 9,438.01 | 11,364.25 | 0.00 | 0.00 | 0.00 |
| 15,400.00 | 90.49 | 133.035 | 5,251.57 | -6,611.65 | 9,511.11 | 11,464.25 | 0.00 | 0.00 | 0.00 |
| 15,466.45 | 90.49 | 133.035 | 5,251.00 | -6,657.00 | 9,559.67 | 11,530.70 | 0.00 | 0.00 | 0.00 |
| PBHL @ 15466.45 MD 5251.00 TVD | | | | | | | | | |

| Casing Points | | | | |
|---------------------|---------------------|------------------------|---------------------|-------------------|
| Measured Depth (ft) | Vertical Depth (ft) | Name | Casing Diameter (") | Hole Diameter (") |
| 350.00 | 350.00 | 9-5/8" Surface Casing | 9-5/8 | 12-1/4 |
| 6,233.29 | 5,320.90 | 7" Intermediate Casing | 7 | 8-1/2 |

| Formations | | | | | |
|---------------------|---------------------|-------------------|-----------|---------|-------------------|
| Measured Depth (ft) | Vertical Depth (ft) | Name | Lithology | Dip (°) | Dip Direction (°) |
| 832.49 | 830.82 | Ojo Alamo | | -0.48 | 133.030 |
| 960.08 | 955.65 | Kirtland | | -0.48 | 133.030 |
| 1,265.35 | 1,245.03 | Fruitland | | -0.48 | 133.030 |
| 1,656.83 | 1,588.84 | Pictured Cliffs | | -0.48 | 133.030 |
| 1,785.55 | 1,698.41 | Lewis | | -0.48 | 133.030 |
| 2,136.59 | 1,997.23 | Chacra_A | | -0.48 | 133.030 |
| 3,412.04 | 3,082.95 | Cliff House_Basal | | -0.48 | 133.030 |
| 3,447.14 | 3,112.83 | Menefee | | -0.48 | 133.030 |
| 4,541.22 | 4,044.16 | Point Lookout | | -0.48 | 133.030 |
| 4,778.76 | 4,246.36 | Mancos | | -0.48 | 133.030 |
| 5,208.20 | 4,611.92 | MNCS_A | | -0.48 | 133.030 |
| 5,305.33 | 4,694.59 | MNCS_B | | -0.48 | 133.030 |
| 5,424.68 | 4,796.19 | MNCS_C | | -0.48 | 133.030 |
| 5,477.34 | 4,841.01 | MNCS_Cms | | -0.48 | 133.030 |
| 5,617.75 | 4,960.54 | MNCS_D | | -0.48 | 133.030 |
| 5,753.61 | 5,073.02 | MNCS_E | | -0.48 | 133.030 |
| 5,839.95 | 5,137.58 | MNCS_F | | -0.48 | 133.030 |
| 5,963.29 | 5,216.81 | MNCS_G | | -0.48 | 133.030 |
| 6,057.77 | 5,265.13 | MNCS_H | | -0.48 | 133.030 |
| 6,187.37 | 5,311.12 | MNCS_I | | -0.48 | 133.030 |

| Plan Annotations | | | | |
|---------------------|---------------------|-------------------|------------|--------------------------------|
| Measured Depth (ft) | Vertical Depth (ft) | Local Coordinates | | Comment |
| | | +N/-S (ft) | +E/-W (ft) | |
| 500.00 | 500.00 | 0.00 | 0.00 | KOP Begin 3°/100' build |
| 1,555.10 | 1,502.25 | -14.01 | 283.76 | Begin 31.65° tangent |
| 5,652.25 | 4,989.90 | -120.03 | 2,431.22 | Begin 10°/100' build/turn |
| 6,133.29 | 5,295.05 | -290.62 | 2,740.92 | POE @ 6133.29 MD 5295.05 TVD |
| 6,338.23 | 5,329.58 | -427.71 | 2,887.77 | Begin 90.49° lateral |
| 15,466.45 | 5,251.00 | -6,657.00 | 9,559.67 | PBHL @ 15466.45 MD 5251.00 TVD |



Planning Report - Geographic

| | | | |
|------------------|--|-------------------------------------|-------------------------|
| Database: | DT_Mar1724_v17 | Local Co-ordinate Reference: | Well Nageezi Unit 218H |
| 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 218H | 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 218H, Surf loc: 1705 FSL 754 FWL Section 26-T24N-R09W | | | | | |
| Well Position | +N/-S | 0.00 ft | Northing: | 1,922,167.99 usft | Latitude: | 36.28258700 |
| | +E/-W | 0.00 ft | Easting: | 2,743,125.64 usft | Longitude: | -107.76535900 |
| 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 | 49,065.92430133 |

| | | | | |
|--------------------------|------------------------------|-------------------|----------------------|----------------------|
| 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 | 133.030 |

| | | | | |
|---------------------------------|----------------------|--------------------------------|---------------------|----------------|
| Plan Survey Tool Program | Date | 4/12/2024 | | |
| Depth From (ft) | Depth To (ft) | Survey (Wellbore) | Tool Name | Remarks |
| 1 | 0.00 | 15,466.40 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 | 0.000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 500.00 | 0.00 | 0.000 | 500.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 1,555.10 | 31.65 | 92.826 | 1,502.25 | -14.01 | 283.76 | 3.00 | 3.00 | 0.00 | 92.83 | |
| 5,652.25 | 31.65 | 92.826 | 4,989.90 | -120.03 | 2,431.22 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 6,133.29 | 70.00 | 133.030 | 5,295.05 | -290.62 | 2,740.92 | 10.00 | 7.97 | 8.36 | 54.58 | Nageezi 218H PPP/P |
| 6,338.23 | 90.49 | 133.035 | 5,329.58 | -427.71 | 2,887.77 | 10.00 | 10.00 | 0.00 | 0.01 | |
| 15,466.45 | 90.49 | 133.035 | 5,251.00 | -6,657.00 | 9,559.67 | 0.00 | 0.00 | 0.00 | 0.00 | Nageezi 218H BHL 21 |



Planning Report - Geographic

| | | | |
|------------------|--|-------------------------------------|-------------------------|
| Database: | DT_Mar1724_v17 | Local Co-ordinate Reference: | Well Nageezi Unit 218H |
| 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 218H | 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 | 0.000 | 0.00 | 0.00 | 0.00 | 1,922,167.99 | 2,743,125.64 | 36.28258700 | -107.76535900 | |
| 100.00 | 0.00 | 0.000 | 100.00 | 0.00 | 0.00 | 1,922,167.99 | 2,743,125.64 | 36.28258700 | -107.76535900 | |
| 200.00 | 0.00 | 0.000 | 200.00 | 0.00 | 0.00 | 1,922,167.99 | 2,743,125.64 | 36.28258700 | -107.76535900 | |
| 300.00 | 0.00 | 0.000 | 300.00 | 0.00 | 0.00 | 1,922,167.99 | 2,743,125.64 | 36.28258700 | -107.76535900 | |
| 350.00 | 0.00 | 0.000 | 350.00 | 0.00 | 0.00 | 1,922,167.99 | 2,743,125.64 | 36.28258700 | -107.76535900 | |
| 9-5/8" Surface Casing | | | | | | | | | | |
| 400.00 | 0.00 | 0.000 | 400.00 | 0.00 | 0.00 | 1,922,167.99 | 2,743,125.64 | 36.28258700 | -107.76535900 | |
| 500.00 | 0.00 | 0.000 | 500.00 | 0.00 | 0.00 | 1,922,167.99 | 2,743,125.64 | 36.28258700 | -107.76535900 | |
| KOP Begin 3°/100' build | | | | | | | | | | |
| 600.00 | 3.00 | 92.826 | 599.95 | -0.13 | 2.61 | 1,922,167.87 | 2,743,128.26 | 36.28258664 | -107.76535014 | |
| 700.00 | 6.00 | 92.826 | 699.63 | -0.52 | 10.45 | 1,922,167.48 | 2,743,136.09 | 36.28258556 | -107.76532355 | |
| 800.00 | 9.00 | 92.826 | 798.77 | -1.16 | 23.48 | 1,922,166.83 | 2,743,149.13 | 36.28258377 | -107.76527932 | |
| 832.49 | 9.97 | 92.826 | 830.82 | -1.42 | 28.83 | 1,922,166.57 | 2,743,154.48 | 36.28258303 | -107.76526118 | |
| Ojo Alamo | | | | | | | | | | |
| 900.00 | 12.00 | 92.826 | 897.08 | -2.06 | 41.68 | 1,922,165.94 | 2,743,167.33 | 36.28258127 | -107.76521758 | |
| 960.08 | 13.80 | 92.826 | 955.65 | -2.72 | 55.08 | 1,922,165.27 | 2,743,180.73 | 36.28257942 | -107.76517212 | |
| Kirtland | | | | | | | | | | |
| 1,000.00 | 15.00 | 92.826 | 994.31 | -3.21 | 65.00 | 1,922,164.79 | 2,743,190.64 | 36.28257806 | -107.76513848 | |
| 1,100.00 | 18.00 | 92.826 | 1,090.18 | -4.61 | 93.36 | 1,922,163.39 | 2,743,219.01 | 36.28257416 | -107.76504225 | |
| 1,200.00 | 21.00 | 92.826 | 1,184.43 | -6.25 | 126.70 | 1,922,161.74 | 2,743,252.34 | 36.28256957 | -107.76492914 | |
| 1,265.35 | 22.96 | 92.826 | 1,245.03 | -7.46 | 151.13 | 1,922,160.53 | 2,743,276.77 | 36.28256621 | -107.76484626 | |
| Fruitland | | | | | | | | | | |
| 1,300.00 | 24.00 | 92.826 | 1,276.81 | -8.14 | 164.92 | 1,922,159.85 | 2,743,290.56 | 36.28256432 | -107.76479948 | |
| 1,400.00 | 27.00 | 92.826 | 1,367.06 | -10.26 | 207.91 | 1,922,157.73 | 2,743,333.55 | 36.28255840 | -107.76465361 | |
| 1,500.00 | 30.00 | 92.826 | 1,454.93 | -12.62 | 255.56 | 1,922,155.38 | 2,743,381.20 | 36.28255185 | -107.76449193 | |
| 1,555.10 | 31.65 | 92.826 | 1,502.25 | -14.01 | 283.76 | 1,922,153.99 | 2,743,409.41 | 36.28254797 | -107.76439625 | |
| Begin 31.65° tangent | | | | | | | | | | |
| 1,600.00 | 31.65 | 92.826 | 1,540.46 | -15.17 | 307.30 | 1,922,152.82 | 2,743,432.94 | 36.28254473 | -107.76431641 | |
| 1,656.83 | 31.65 | 92.826 | 1,588.84 | -16.64 | 337.08 | 1,922,151.35 | 2,743,462.73 | 36.28254063 | -107.76421535 | |
| Pictured Cliffs | | | | | | | | | | |
| 1,700.00 | 31.65 | 92.826 | 1,625.59 | -17.76 | 359.71 | 1,922,150.24 | 2,743,485.35 | 36.28253752 | -107.76413858 | |
| 1,785.55 | 31.65 | 92.826 | 1,698.41 | -19.97 | 404.55 | 1,922,148.02 | 2,743,530.19 | 36.28253135 | -107.76398645 | |
| Lewis | | | | | | | | | | |
| 1,800.00 | 31.65 | 92.826 | 1,710.71 | -20.35 | 412.12 | 1,922,147.65 | 2,743,537.77 | 36.28253031 | -107.76396075 | |
| 1,900.00 | 31.65 | 92.826 | 1,795.84 | -22.93 | 464.54 | 1,922,145.06 | 2,743,590.18 | 36.28252310 | -107.76378292 | |
| 2,000.00 | 31.65 | 92.826 | 1,880.96 | -25.52 | 516.95 | 1,922,142.47 | 2,743,642.59 | 36.28251588 | -107.76360509 | |
| 2,100.00 | 31.65 | 92.826 | 1,966.09 | -28.11 | 569.36 | 1,922,139.89 | 2,743,695.01 | 36.28250867 | -107.76342726 | |
| 2,136.59 | 31.65 | 92.826 | 1,997.23 | -29.06 | 588.54 | 1,922,138.94 | 2,743,714.18 | 36.28250603 | -107.76336219 | |
| Chacra_A | | | | | | | | | | |
| 2,200.00 | 31.65 | 92.826 | 2,051.21 | -30.70 | 621.78 | 1,922,137.30 | 2,743,747.42 | 36.28250146 | -107.76324943 | |
| 2,300.00 | 31.65 | 92.826 | 2,136.33 | -33.28 | 674.19 | 1,922,134.71 | 2,743,799.83 | 36.28249425 | -107.76307160 | |
| 2,400.00 | 31.65 | 92.826 | 2,221.46 | -35.87 | 726.60 | 1,922,132.12 | 2,743,852.25 | 36.28248703 | -107.76289377 | |
| 2,500.00 | 31.65 | 92.826 | 2,306.58 | -38.46 | 779.02 | 1,922,129.54 | 2,743,904.66 | 36.28247982 | -107.76271594 | |
| 2,600.00 | 31.65 | 92.826 | 2,391.71 | -41.05 | 831.43 | 1,922,126.95 | 2,743,957.07 | 36.28247261 | -107.76253811 | |
| 2,700.00 | 31.65 | 92.826 | 2,476.83 | -43.63 | 883.85 | 1,922,124.36 | 2,744,009.49 | 36.28246539 | -107.76236028 | |
| 2,800.00 | 31.65 | 92.826 | 2,561.95 | -46.22 | 936.26 | 1,922,121.77 | 2,744,061.90 | 36.28245818 | -107.76218245 | |
| 2,900.00 | 31.65 | 92.826 | 2,647.08 | -48.81 | 988.67 | 1,922,119.19 | 2,744,114.31 | 36.28245097 | -107.76200462 | |
| 3,000.00 | 31.65 | 92.826 | 2,732.20 | -51.40 | 1,041.09 | 1,922,116.60 | 2,744,166.73 | 36.28244375 | -107.76182679 | |
| 3,100.00 | 31.65 | 92.826 | 2,817.33 | -53.98 | 1,093.50 | 1,922,114.01 | 2,744,219.14 | 36.28243654 | -107.76164896 | |
| 3,200.00 | 31.65 | 92.826 | 2,902.45 | -56.57 | 1,145.91 | 1,922,111.42 | 2,744,271.56 | 36.28242932 | -107.76147113 | |
| 3,300.00 | 31.65 | 92.826 | 2,987.57 | -59.16 | 1,198.33 | 1,922,108.83 | 2,744,323.97 | 36.28242211 | -107.76129330 | |
| 3,400.00 | 31.65 | 92.826 | 3,072.70 | -61.75 | 1,250.74 | 1,922,106.25 | 2,744,376.38 | 36.28241489 | -107.76111547 | |



Planning Report - Geographic

| | | | |
|------------------|--|-------------------------------------|-------------------------|
| Database: | DT_Mar1724_v17 | Local Co-ordinate Reference: | Well Nageezi Unit 218H |
| 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 218H | 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 | |
| 3,412.04 | 31.65 | 92.826 | 3,082.95 | -62.06 | 1,257.05 | 1,922,105.94 | 2,744,382.69 | 36.28241402 | -107.76109406 | |
| Cliff House_Basal | | | | | | | | | | |
| 3,447.14 | 31.65 | 92.826 | 3,112.83 | -62.97 | 1,275.45 | 1,922,105.03 | 2,744,401.09 | 36.28241149 | -107.76103163 | |
| Menefee | | | | | | | | | | |
| 3,500.00 | 31.65 | 92.826 | 3,157.82 | -64.33 | 1,303.15 | 1,922,103.66 | 2,744,428.80 | 36.28240768 | -107.76093764 | |
| 3,600.00 | 31.65 | 92.826 | 3,242.95 | -66.92 | 1,355.57 | 1,922,101.07 | 2,744,481.21 | 36.28240046 | -107.76075981 | |
| 3,700.00 | 31.65 | 92.826 | 3,328.07 | -69.51 | 1,407.98 | 1,922,098.48 | 2,744,533.62 | 36.28239324 | -107.76058198 | |
| 3,800.00 | 31.65 | 92.826 | 3,413.20 | -72.10 | 1,460.40 | 1,922,095.90 | 2,744,586.04 | 36.28238603 | -107.76040415 | |
| 3,900.00 | 31.65 | 92.826 | 3,498.32 | -74.68 | 1,512.81 | 1,922,093.31 | 2,744,638.45 | 36.28237881 | -107.76022632 | |
| 4,000.00 | 31.65 | 92.826 | 3,583.44 | -77.27 | 1,565.22 | 1,922,090.72 | 2,744,690.86 | 36.28237159 | -107.76004849 | |
| 4,100.00 | 31.65 | 92.826 | 3,668.57 | -79.86 | 1,617.64 | 1,922,088.13 | 2,744,743.28 | 36.28236438 | -107.75987066 | |
| 4,200.00 | 31.65 | 92.826 | 3,753.69 | -82.45 | 1,670.05 | 1,922,085.55 | 2,744,795.69 | 36.28235716 | -107.75969283 | |
| 4,300.00 | 31.65 | 92.826 | 3,838.82 | -85.03 | 1,722.46 | 1,922,082.96 | 2,744,848.10 | 36.28234994 | -107.75951500 | |
| 4,400.00 | 31.65 | 92.826 | 3,923.94 | -87.62 | 1,774.88 | 1,922,080.37 | 2,744,900.52 | 36.28234272 | -107.75933718 | |
| 4,500.00 | 31.65 | 92.826 | 4,009.06 | -90.21 | 1,827.29 | 1,922,077.78 | 2,744,952.93 | 36.28233550 | -107.75915935 | |
| 4,541.22 | 31.65 | 92.826 | 4,044.16 | -91.28 | 1,848.90 | 1,922,076.72 | 2,744,974.54 | 36.28233253 | -107.75908604 | |
| Point Lookout | | | | | | | | | | |
| 4,600.00 | 31.65 | 92.826 | 4,094.19 | -92.80 | 1,879.70 | 1,922,075.20 | 2,745,005.34 | 36.28232828 | -107.75898152 | |
| 4,700.00 | 31.65 | 92.826 | 4,179.31 | -95.39 | 1,932.12 | 1,922,072.61 | 2,745,057.76 | 36.28232107 | -107.75880369 | |
| 4,778.76 | 31.65 | 92.826 | 4,246.36 | -97.42 | 1,973.40 | 1,922,070.57 | 2,745,099.04 | 36.28231538 | -107.75866363 | |
| Mancos | | | | | | | | | | |
| 4,800.00 | 31.65 | 92.826 | 4,264.44 | -97.97 | 1,984.53 | 1,922,070.02 | 2,745,110.17 | 36.28231385 | -107.75862586 | |
| 4,900.00 | 31.65 | 92.826 | 4,349.56 | -100.56 | 2,036.95 | 1,922,067.43 | 2,745,162.59 | 36.28230663 | -107.75844803 | |
| 5,000.00 | 31.65 | 92.826 | 4,434.68 | -103.15 | 2,089.36 | 1,922,064.85 | 2,745,215.00 | 36.28229941 | -107.75827020 | |
| 5,100.00 | 31.65 | 92.826 | 4,519.81 | -105.74 | 2,141.77 | 1,922,062.26 | 2,745,267.41 | 36.28229219 | -107.75809237 | |
| 5,200.00 | 31.65 | 92.826 | 4,604.93 | -108.32 | 2,194.19 | 1,922,059.67 | 2,745,319.83 | 36.28228497 | -107.75791454 | |
| 5,208.20 | 31.65 | 92.826 | 4,611.92 | -108.54 | 2,198.49 | 1,922,059.46 | 2,745,324.13 | 36.28228438 | -107.75789995 | |
| MNCS_A | | | | | | | | | | |
| 5,300.00 | 31.65 | 92.826 | 4,690.06 | -110.91 | 2,246.60 | 1,922,057.08 | 2,745,372.24 | 36.28227775 | -107.75773671 | |
| 5,305.33 | 31.65 | 92.826 | 4,694.59 | -111.05 | 2,249.39 | 1,922,056.95 | 2,745,375.03 | 36.28227736 | -107.75772724 | |
| MNCS_B | | | | | | | | | | |
| 5,400.00 | 31.65 | 92.826 | 4,775.18 | -113.50 | 2,299.01 | 1,922,054.50 | 2,745,424.65 | 36.28227053 | -107.75755888 | |
| 5,424.68 | 31.65 | 92.826 | 4,796.19 | -114.14 | 2,311.95 | 1,922,053.86 | 2,745,437.59 | 36.28226874 | -107.75751500 | |
| MNCS_C | | | | | | | | | | |
| 5,477.34 | 31.65 | 92.826 | 4,841.01 | -115.50 | 2,339.55 | 1,922,052.50 | 2,745,465.19 | 36.28226494 | -107.75742136 | |
| MNCS_Cms | | | | | | | | | | |
| 5,500.00 | 31.65 | 92.826 | 4,860.31 | -116.09 | 2,351.43 | 1,922,051.91 | 2,745,477.07 | 36.28226331 | -107.75738106 | |
| 5,600.00 | 31.65 | 92.826 | 4,945.43 | -118.67 | 2,403.84 | 1,922,049.32 | 2,745,529.48 | 36.28225608 | -107.75720323 | |
| 5,617.75 | 31.65 | 92.826 | 4,960.54 | -119.13 | 2,413.15 | 1,922,048.86 | 2,745,538.78 | 36.28225480 | -107.75717166 | |
| MNCS_D | | | | | | | | | | |
| 5,652.25 | 31.65 | 92.826 | 4,989.90 | -120.03 | 2,431.22 | 1,922,047.97 | 2,745,556.86 | 36.28225231 | -107.75711032 | |
| Begin 10°/100' build/turn | | | | | | | | | | |
| 5,700.00 | 34.62 | 99.685 | 5,029.90 | -122.93 | 2,457.13 | 1,922,045.07 | 2,745,582.76 | 36.28224428 | -107.75702245 | |
| 5,750.00 | 38.07 | 105.792 | 5,070.18 | -129.52 | 2,485.98 | 1,922,038.48 | 2,745,611.62 | 36.28222612 | -107.75692457 | |
| 5,753.61 | 38.33 | 106.196 | 5,073.02 | -130.13 | 2,488.12 | 1,922,037.86 | 2,745,613.76 | 36.28222443 | -107.75691729 | |
| MNCS_E | | | | | | | | | | |
| 5,800.00 | 41.80 | 110.995 | 5,108.53 | -139.69 | 2,516.39 | 1,922,028.31 | 2,745,642.03 | 36.28219811 | -107.75682142 | |
| 5,839.95 | 44.92 | 114.625 | 5,137.58 | -150.34 | 2,541.65 | 1,922,017.65 | 2,745,667.29 | 36.28216880 | -107.75673573 | |
| MNCS_F | | | | | | | | | | |
| 5,850.00 | 45.72 | 115.475 | 5,144.64 | -153.36 | 2,548.12 | 1,922,014.63 | 2,745,673.76 | 36.28216047 | -107.75671378 | |
| 5,900.00 | 49.80 | 119.383 | 5,178.25 | -170.44 | 2,580.94 | 1,921,997.55 | 2,745,706.58 | 36.28211348 | -107.75660248 | |
| 5,950.00 | 54.00 | 122.841 | 5,209.10 | -190.79 | 2,614.59 | 1,921,977.20 | 2,745,740.23 | 36.28205751 | -107.75648835 | |



Planning Report - Geographic

| | | | |
|------------------|--|-------------------------------------|-------------------------|
| Database: | DT_Mar1724_v17 | Local Co-ordinate Reference: | Well Nageezi Unit 218H |
| 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 218H | 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 | |
| 5,963.29 | 55.13 | 123.697 | 5,216.81 | -196.74 | 2,623.65 | 1,921,971.26 | 2,745,749.29 | 36.28204116 | -107.75645764 | |
| MNCS_G | | | | | | | | | | |
| 6,000.00 | 58.28 | 125.945 | 5,236.96 | -214.26 | 2,648.83 | 1,921,953.73 | 2,745,774.46 | 36.28199297 | -107.75637227 | |
| 6,050.00 | 62.64 | 128.773 | 5,261.61 | -240.67 | 2,683.37 | 1,921,927.33 | 2,745,809.01 | 36.28192036 | -107.75625512 | |
| 6,057.77 | 63.32 | 129.191 | 5,265.13 | -245.02 | 2,688.75 | 1,921,922.98 | 2,745,814.39 | 36.28190839 | -107.75623688 | |
| MNCS_H | | | | | | | | | | |
| 6,100.00 | 67.04 | 131.385 | 5,282.86 | -269.81 | 2,717.98 | 1,921,898.19 | 2,745,843.62 | 36.28184023 | -107.75613779 | |
| 6,133.29 | 70.00 | 133.030 | 5,295.05 | -290.62 | 2,740.92 | 1,921,877.37 | 2,745,866.56 | 36.28178300 | -107.75606000 | |
| POE @ 6133.29 MD 5295.05 TVD | | | | | | | | | | |
| 6,150.00 | 71.67 | 133.030 | 5,300.53 | -301.39 | 2,752.46 | 1,921,866.61 | 2,745,878.09 | 36.28175340 | -107.75602090 | |
| 6,187.37 | 75.41 | 133.031 | 5,311.12 | -325.84 | 2,778.64 | 1,921,842.16 | 2,745,904.28 | 36.28168618 | -107.75593210 | |
| MNCS_I | | | | | | | | | | |
| 6,200.00 | 76.67 | 133.032 | 5,314.17 | -334.20 | 2,787.61 | 1,921,833.79 | 2,745,913.25 | 36.28166317 | -107.75590172 | |
| 6,233.29 | 80.00 | 133.033 | 5,320.90 | -356.45 | 2,811.44 | 1,921,811.55 | 2,745,937.07 | 36.28160201 | -107.75582093 | |
| 7" Intermediate Casing | | | | | | | | | | |
| 6,250.00 | 81.67 | 133.033 | 5,323.56 | -367.71 | 2,823.49 | 1,921,800.29 | 2,745,949.13 | 36.28157106 | -107.75578005 | |
| 6,300.00 | 86.67 | 133.034 | 5,328.64 | -401.64 | 2,859.84 | 1,921,766.35 | 2,745,985.48 | 36.28147776 | -107.75565682 | |
| 6,338.23 | 90.49 | 133.035 | 5,329.58 | -427.71 | 2,887.77 | 1,921,740.28 | 2,746,013.41 | 36.28140607 | -107.75556214 | |
| Begin 90.49° lateral | | | | | | | | | | |
| 6,400.00 | 90.49 | 133.035 | 5,329.05 | -469.87 | 2,932.92 | 1,921,698.12 | 2,746,058.56 | 36.28129017 | -107.75540906 | |
| 6,500.00 | 90.49 | 133.035 | 5,328.19 | -538.11 | 3,006.01 | 1,921,629.88 | 2,746,131.65 | 36.28110254 | -107.75516126 | |
| 6,600.00 | 90.49 | 133.035 | 5,327.33 | -606.35 | 3,079.10 | 1,921,561.64 | 2,746,204.74 | 36.28091492 | -107.75491346 | |
| 6,700.00 | 90.49 | 133.035 | 5,326.47 | -674.60 | 3,152.19 | 1,921,493.40 | 2,746,277.83 | 36.28072729 | -107.75466566 | |
| 6,800.00 | 90.49 | 133.035 | 5,325.61 | -742.84 | 3,225.28 | 1,921,425.16 | 2,746,350.92 | 36.28053966 | -107.75441786 | |
| 6,900.00 | 90.49 | 133.035 | 5,324.75 | -811.08 | 3,298.37 | 1,921,356.92 | 2,746,424.01 | 36.28035203 | -107.75417006 | |
| 7,000.00 | 90.49 | 133.035 | 5,323.89 | -879.32 | 3,371.46 | 1,921,288.67 | 2,746,497.10 | 36.28016440 | -107.75392226 | |
| 7,100.00 | 90.49 | 133.035 | 5,323.02 | -947.56 | 3,444.56 | 1,921,220.43 | 2,746,570.19 | 36.27997677 | -107.75367447 | |
| 7,200.00 | 90.49 | 133.035 | 5,322.16 | -1,015.81 | 3,517.65 | 1,921,152.19 | 2,746,643.28 | 36.27978914 | -107.75342667 | |
| 7,300.00 | 90.49 | 133.035 | 5,321.30 | -1,084.05 | 3,590.74 | 1,921,083.95 | 2,746,716.37 | 36.27960151 | -107.75317888 | |
| 7,400.00 | 90.49 | 133.035 | 5,320.44 | -1,152.29 | 3,663.83 | 1,921,015.71 | 2,746,789.47 | 36.27941388 | -107.75293109 | |
| 7,500.00 | 90.49 | 133.035 | 5,319.58 | -1,220.53 | 3,736.92 | 1,920,947.46 | 2,746,862.56 | 36.27922625 | -107.75268330 | |
| 7,600.00 | 90.49 | 133.035 | 5,318.72 | -1,288.77 | 3,810.01 | 1,920,879.22 | 2,746,935.65 | 36.27903862 | -107.75243551 | |
| 7,700.00 | 90.49 | 133.035 | 5,317.86 | -1,357.02 | 3,883.10 | 1,920,810.98 | 2,747,008.74 | 36.27885098 | -107.75218772 | |
| 7,800.00 | 90.49 | 133.035 | 5,317.00 | -1,425.26 | 3,956.19 | 1,920,742.74 | 2,747,081.83 | 36.27866335 | -107.75193993 | |
| 7,900.00 | 90.49 | 133.035 | 5,316.14 | -1,493.50 | 4,029.28 | 1,920,674.50 | 2,747,154.92 | 36.27847572 | -107.75169215 | |
| 8,000.00 | 90.49 | 133.035 | 5,315.28 | -1,561.74 | 4,102.37 | 1,920,606.25 | 2,747,228.01 | 36.27828808 | -107.75144436 | |
| 8,100.00 | 90.49 | 133.035 | 5,314.42 | -1,629.98 | 4,175.47 | 1,920,538.01 | 2,747,301.10 | 36.27810045 | -107.75119658 | |
| 8,200.00 | 90.49 | 133.035 | 5,313.55 | -1,698.23 | 4,248.56 | 1,920,469.77 | 2,747,374.19 | 36.27791281 | -107.75094880 | |
| 8,300.00 | 90.49 | 133.035 | 5,312.69 | -1,766.47 | 4,321.65 | 1,920,401.53 | 2,747,447.28 | 36.27772518 | -107.75070102 | |
| 8,400.00 | 90.49 | 133.035 | 5,311.83 | -1,834.71 | 4,394.74 | 1,920,333.29 | 2,747,520.37 | 36.27753754 | -107.75045324 | |
| 8,500.00 | 90.49 | 133.035 | 5,310.97 | -1,902.95 | 4,467.83 | 1,920,265.05 | 2,747,593.46 | 36.27734990 | -107.75020546 | |
| 8,600.00 | 90.49 | 133.035 | 5,310.11 | -1,971.19 | 4,540.92 | 1,920,196.80 | 2,747,666.56 | 36.27716226 | -107.74995768 | |
| 8,700.00 | 90.49 | 133.035 | 5,309.25 | -2,039.44 | 4,614.01 | 1,920,128.56 | 2,747,739.65 | 36.27697463 | -107.74970990 | |
| 8,800.00 | 90.49 | 133.035 | 5,308.39 | -2,107.68 | 4,687.10 | 1,920,060.32 | 2,747,812.74 | 36.27678699 | -107.74946213 | |
| 8,900.00 | 90.49 | 133.035 | 5,307.53 | -2,175.92 | 4,760.19 | 1,919,992.08 | 2,747,885.83 | 36.27659935 | -107.74921436 | |
| 9,000.00 | 90.49 | 133.035 | 5,306.67 | -2,244.16 | 4,833.28 | 1,919,923.84 | 2,747,958.92 | 36.27641171 | -107.74896658 | |
| 9,100.00 | 90.49 | 133.035 | 5,305.81 | -2,312.40 | 4,906.37 | 1,919,855.59 | 2,748,032.01 | 36.27622407 | -107.74871881 | |
| 9,200.00 | 90.49 | 133.035 | 5,304.95 | -2,380.65 | 4,979.47 | 1,919,787.35 | 2,748,105.10 | 36.27603643 | -107.74847104 | |
| 9,300.00 | 90.49 | 133.035 | 5,304.09 | -2,448.89 | 5,052.56 | 1,919,719.11 | 2,748,178.19 | 36.27584879 | -107.74822327 | |
| 9,400.00 | 90.49 | 133.035 | 5,303.22 | -2,517.13 | 5,125.65 | 1,919,650.87 | 2,748,251.28 | 36.27566115 | -107.74797550 | |
| 9,500.00 | 90.49 | 133.035 | 5,302.36 | -2,585.37 | 5,198.74 | 1,919,582.63 | 2,748,324.37 | 36.27547350 | -107.74772774 | |
| 9,600.00 | 90.49 | 133.035 | 5,301.50 | -2,653.61 | 5,271.83 | 1,919,514.38 | 2,748,397.46 | 36.27528586 | -107.74747997 | |
| 9,700.00 | 90.49 | 133.035 | 5,300.64 | -2,721.86 | 5,344.92 | 1,919,446.14 | 2,748,470.55 | 36.27509822 | -107.74723221 | |
| 9,800.00 | 90.49 | 133.035 | 5,299.78 | -2,790.10 | 5,418.01 | 1,919,377.90 | 2,748,543.64 | 36.27491058 | -107.74698444 | |



Planning Report - Geographic

| | | | |
|------------------|--|-------------------------------------|-------------------------|
| Database: | DT_Mar1724_v17 | Local Co-ordinate Reference: | Well Nageezi Unit 218H |
| 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 218H | 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 | |
| 9,900.00 | 90.49 | 133.035 | 5,298.92 | -2,858.34 | 5,491.10 | 1,919,309.66 | 2,748,616.74 | 36.27472293 | -107.74673668 | |
| 10,000.00 | 90.49 | 133.035 | 5,298.06 | -2,926.58 | 5,564.19 | 1,919,241.42 | 2,748,689.83 | 36.27453529 | -107.74648892 | |
| 10,100.00 | 90.49 | 133.035 | 5,297.20 | -2,994.82 | 5,637.28 | 1,919,173.18 | 2,748,762.92 | 36.27434764 | -107.74624116 | |
| 10,200.00 | 90.49 | 133.035 | 5,296.34 | -3,063.07 | 5,710.38 | 1,919,104.93 | 2,748,836.01 | 36.27416000 | -107.74599340 | |
| 10,300.00 | 90.49 | 133.035 | 5,295.48 | -3,131.31 | 5,783.47 | 1,919,036.69 | 2,748,909.10 | 36.27397235 | -107.74574564 | |
| 10,400.00 | 90.49 | 133.035 | 5,294.62 | -3,199.55 | 5,856.56 | 1,918,968.45 | 2,748,982.19 | 36.27378470 | -107.74549789 | |
| 10,500.00 | 90.49 | 133.035 | 5,293.75 | -3,267.79 | 5,929.65 | 1,918,900.21 | 2,749,055.28 | 36.27359705 | -107.74525013 | |
| 10,600.00 | 90.49 | 133.035 | 5,292.89 | -3,336.03 | 6,002.74 | 1,918,831.97 | 2,749,128.37 | 36.27340941 | -107.74500238 | |
| 10,700.00 | 90.49 | 133.035 | 5,292.03 | -3,404.28 | 6,075.83 | 1,918,763.72 | 2,749,201.46 | 36.27322176 | -107.74475463 | |
| 10,800.00 | 90.49 | 133.035 | 5,291.17 | -3,472.52 | 6,148.92 | 1,918,695.48 | 2,749,274.55 | 36.27303411 | -107.74450688 | |
| 10,900.00 | 90.49 | 133.035 | 5,290.31 | -3,540.76 | 6,222.01 | 1,918,627.24 | 2,749,347.64 | 36.27284646 | -107.74425913 | |
| 11,000.00 | 90.49 | 133.035 | 5,289.45 | -3,609.00 | 6,295.10 | 1,918,559.00 | 2,749,420.73 | 36.27265881 | -107.74401138 | |
| 11,100.00 | 90.49 | 133.035 | 5,288.59 | -3,677.24 | 6,368.19 | 1,918,490.76 | 2,749,493.83 | 36.27247116 | -107.74376363 | |
| 11,200.00 | 90.49 | 133.035 | 5,287.73 | -3,745.49 | 6,441.29 | 1,918,422.51 | 2,749,566.92 | 36.27228351 | -107.74351588 | |
| 11,300.00 | 90.49 | 133.035 | 5,286.87 | -3,813.73 | 6,514.38 | 1,918,354.27 | 2,749,640.01 | 36.27209586 | -107.74326814 | |
| 11,400.00 | 90.49 | 133.035 | 5,286.01 | -3,881.97 | 6,587.47 | 1,918,286.03 | 2,749,713.10 | 36.27190821 | -107.74302039 | |
| 11,500.00 | 90.49 | 133.035 | 5,285.15 | -3,950.21 | 6,660.56 | 1,918,217.79 | 2,749,786.19 | 36.27172055 | -107.74277265 | |
| 11,600.00 | 90.49 | 133.035 | 5,284.29 | -4,018.45 | 6,733.65 | 1,918,149.55 | 2,749,859.28 | 36.27153290 | -107.74252491 | |
| 11,700.00 | 90.49 | 133.035 | 5,283.42 | -4,086.70 | 6,806.74 | 1,918,081.31 | 2,749,932.37 | 36.27134525 | -107.74227717 | |
| 11,800.00 | 90.49 | 133.035 | 5,282.56 | -4,154.94 | 6,879.83 | 1,918,013.06 | 2,750,005.46 | 36.27115759 | -107.74202943 | |
| 11,900.00 | 90.49 | 133.035 | 5,281.70 | -4,223.18 | 6,952.92 | 1,917,944.82 | 2,750,078.55 | 36.27096994 | -107.74178169 | |
| 12,000.00 | 90.49 | 133.035 | 5,280.84 | -4,291.42 | 7,026.01 | 1,917,876.58 | 2,750,151.64 | 36.27078228 | -107.74153395 | |
| 12,100.00 | 90.49 | 133.035 | 5,279.98 | -4,359.66 | 7,099.10 | 1,917,808.34 | 2,750,224.73 | 36.27059463 | -107.74128622 | |
| 12,200.00 | 90.49 | 133.035 | 5,279.12 | -4,427.91 | 7,172.19 | 1,917,740.10 | 2,750,297.82 | 36.27040697 | -107.74103848 | |
| 12,300.00 | 90.49 | 133.035 | 5,278.26 | -4,496.15 | 7,245.29 | 1,917,671.85 | 2,750,370.92 | 36.27021932 | -107.74079075 | |
| 12,400.00 | 90.49 | 133.035 | 5,277.40 | -4,564.39 | 7,318.38 | 1,917,603.61 | 2,750,444.01 | 36.27003166 | -107.74054301 | |
| 12,500.00 | 90.49 | 133.035 | 5,276.54 | -4,632.63 | 7,391.47 | 1,917,535.37 | 2,750,517.10 | 36.26984400 | -107.74029528 | |
| 12,600.00 | 90.49 | 133.035 | 5,275.68 | -4,700.87 | 7,464.56 | 1,917,467.13 | 2,750,590.19 | 36.26965634 | -107.74004755 | |
| 12,700.00 | 90.49 | 133.035 | 5,274.82 | -4,769.12 | 7,537.65 | 1,917,398.89 | 2,750,663.28 | 36.26946868 | -107.73979982 | |
| 12,800.00 | 90.49 | 133.035 | 5,273.95 | -4,837.36 | 7,610.74 | 1,917,330.65 | 2,750,736.37 | 36.26928102 | -107.73955210 | |
| 12,900.00 | 90.49 | 133.035 | 5,273.09 | -4,905.60 | 7,683.83 | 1,917,262.40 | 2,750,809.46 | 36.26909337 | -107.73930437 | |
| 13,000.00 | 90.49 | 133.035 | 5,272.23 | -4,973.84 | 7,756.92 | 1,917,194.16 | 2,750,882.55 | 36.26890570 | -107.73905664 | |
| 13,100.00 | 90.49 | 133.035 | 5,271.37 | -5,042.08 | 7,830.01 | 1,917,125.92 | 2,750,955.64 | 36.26871804 | -107.73880892 | |
| 13,200.00 | 90.49 | 133.035 | 5,270.51 | -5,110.33 | 7,903.10 | 1,917,057.68 | 2,751,028.73 | 36.26853038 | -107.73856120 | |
| 13,300.00 | 90.49 | 133.035 | 5,269.65 | -5,178.57 | 7,976.20 | 1,916,989.44 | 2,751,101.82 | 36.26834272 | -107.73831348 | |
| 13,400.00 | 90.49 | 133.035 | 5,268.79 | -5,246.81 | 8,049.29 | 1,916,921.19 | 2,751,174.91 | 36.26815506 | -107.73806576 | |
| 13,500.00 | 90.49 | 133.035 | 5,267.93 | -5,315.05 | 8,122.38 | 1,916,852.95 | 2,751,248.00 | 36.26796740 | -107.73781804 | |
| 13,600.00 | 90.49 | 133.035 | 5,267.07 | -5,383.29 | 8,195.47 | 1,916,784.71 | 2,751,321.10 | 36.26777973 | -107.73757032 | |
| 13,700.00 | 90.49 | 133.035 | 5,266.21 | -5,451.54 | 8,268.56 | 1,916,716.47 | 2,751,394.19 | 36.26759207 | -107.73732260 | |
| 13,800.00 | 90.49 | 133.035 | 5,265.35 | -5,519.78 | 8,341.65 | 1,916,648.23 | 2,751,467.28 | 36.26740440 | -107.73707488 | |
| 13,900.00 | 90.49 | 133.035 | 5,264.49 | -5,588.02 | 8,414.74 | 1,916,579.98 | 2,751,540.37 | 36.26721674 | -107.73682717 | |
| 14,000.00 | 90.49 | 133.035 | 5,263.62 | -5,656.26 | 8,487.83 | 1,916,511.74 | 2,751,613.46 | 36.26702907 | -107.73657946 | |
| 14,100.00 | 90.49 | 133.035 | 5,262.76 | -5,724.50 | 8,560.92 | 1,916,443.50 | 2,751,686.55 | 36.26684141 | -107.73633174 | |
| 14,200.00 | 90.49 | 133.035 | 5,261.90 | -5,792.75 | 8,634.01 | 1,916,375.26 | 2,751,759.64 | 36.26665374 | -107.73608403 | |
| 14,300.00 | 90.49 | 133.035 | 5,261.04 | -5,860.99 | 8,707.10 | 1,916,307.02 | 2,751,832.73 | 36.26646608 | -107.73583632 | |
| 14,400.00 | 90.49 | 133.035 | 5,260.18 | -5,929.23 | 8,780.20 | 1,916,238.78 | 2,751,905.82 | 36.26627841 | -107.73558861 | |
| 14,500.00 | 90.49 | 133.035 | 5,259.32 | -5,997.47 | 8,853.29 | 1,916,170.53 | 2,751,978.91 | 36.26609074 | -107.73534091 | |
| 14,600.00 | 90.49 | 133.035 | 5,258.46 | -6,065.71 | 8,926.38 | 1,916,102.29 | 2,752,052.00 | 36.26590307 | -107.73509320 | |
| 14,700.00 | 90.49 | 133.035 | 5,257.60 | -6,133.96 | 8,999.47 | 1,916,034.05 | 2,752,125.09 | 36.26571540 | -107.73484550 | |
| 14,800.00 | 90.49 | 133.035 | 5,256.74 | -6,202.20 | 9,072.56 | 1,915,965.81 | 2,752,198.19 | 36.26552773 | -107.73459779 | |
| 14,900.00 | 90.49 | 133.035 | 5,255.88 | -6,270.44 | 9,145.65 | 1,915,897.57 | 2,752,271.28 | 36.26534006 | -107.73435009 | |
| 15,000.00 | 90.49 | 133.035 | 5,255.02 | -6,338.68 | 9,218.74 | 1,915,829.32 | 2,752,344.37 | 36.26515239 | -107.73410239 | |
| 15,100.00 | 90.49 | 133.035 | 5,254.15 | -6,406.92 | 9,291.83 | 1,915,761.08 | 2,752,417.46 | 36.26496472 | -107.73385469 | |
| 15,200.00 | 90.49 | 133.035 | 5,253.29 | -6,475.17 | 9,364.92 | 1,915,692.84 | 2,752,490.55 | 36.26477705 | -107.73360699 | |
| 15,300.00 | 90.49 | 133.035 | 5,252.43 | -6,543.41 | 9,438.01 | 1,915,624.60 | 2,752,563.64 | 36.26458938 | -107.73335929 | |



Planning Report - Geographic

| | | | |
|------------------|--|-------------------------------------|-------------------------|
| Database: | DT_Mar1724_v17 | Local Co-ordinate Reference: | Well Nageezi Unit 218H |
| 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 218H | 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 |
| 15,400.00 | 90.49 | 133.035 | 5,251.57 | -6,611.65 | 9,511.11 | 1,915,556.36 | 2,752,636.73 | 36.26440170 | -107.73311159 |
| 15,466.45 | 90.49 | 133.035 | 5,251.00 | -6,657.00 | 9,559.67 | 1,915,511.01 | 2,752,685.30 | 36.26427700 | -107.73294700 |
| PBHL @ 15466.45 MD 5251.00 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 218H BHL 288 - plan hits target center - Point | 0.00 | 0.000 | 5,251.00 | -6,657.00 | 9,559.67 | 1,915,511.01 | 2,752,685.30 | 36.26427700 | -107.73294700 | |
| Nageezi 218H PPP/POE - plan hits target center - Point | 0.00 | 0.000 | 5,295.05 | -290.62 | 2,740.92 | 1,921,877.37 | 2,745,866.56 | 36.28178300 | -107.75606000 | |
| Nageezi 218H vert - plan misses target center by 1850.95ft at 5242.98ft MD (4641.52 TVD, -109.44 N, 2216.71 E) - Point | 0.00 | 0.000 | 5,350.00 | 1,211.93 | 1,131.32 | 1,923,379.92 | 2,744,256.96 | 36.28591400 | -107.76151745 | |

| Casing Points | | | | | | |
|---------------------|---------------------|------------------------|---------------------|-------------------|--|--|
| Measured Depth (ft) | Vertical Depth (ft) | Name | Casing Diameter (") | Hole Diameter (") | | |
| 350.00 | 350.00 | 9-5/8" Surface Casing | 9-5/8 | 12-1/4 | | |
| 6,233.29 | 5,320.90 | 7" Intermediate Casing | 7 | 8-1/2 | | |



Planning Report - Geographic

| | | | |
|------------------|--|-------------------------------------|-------------------------|
| Database: | DT_Mar1724_v17 | Local Co-ordinate Reference: | Well Nageezi Unit 218H |
| 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 218H | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Original Hole | | |
| Design: | rev0 | | |

| Formations | | | | | | |
|---------------------|---------------------|-------------------|-----------|---------|-------------------|--|
| Measured Depth (ft) | Vertical Depth (ft) | Name | Lithology | Dip (°) | Dip Direction (°) | |
| 832.49 | 830.82 | Ojo Alamo | | -0.48 | 133.030 | |
| 960.08 | 955.65 | Kirtland | | -0.48 | 133.030 | |
| 1,265.35 | 1,245.03 | Fruitland | | -0.48 | 133.030 | |
| 1,656.83 | 1,588.84 | Pictured Cliffs | | -0.48 | 133.030 | |
| 1,785.55 | 1,698.41 | Lewis | | -0.48 | 133.030 | |
| 2,136.59 | 1,997.23 | Chacra_A | | -0.48 | 133.030 | |
| 3,412.04 | 3,082.95 | Cliff House_Basal | | -0.48 | 133.030 | |
| 3,447.14 | 3,112.83 | Menefee | | -0.48 | 133.030 | |
| 4,541.22 | 4,044.16 | Point Lookout | | -0.48 | 133.030 | |
| 4,778.76 | 4,246.36 | Mancos | | -0.48 | 133.030 | |
| 5,208.20 | 4,611.92 | MNCS_A | | -0.48 | 133.030 | |
| 5,305.33 | 4,694.59 | MNCS_B | | -0.48 | 133.030 | |
| 5,424.68 | 4,796.19 | MNCS_C | | -0.48 | 133.030 | |
| 5,477.34 | 4,841.01 | MNCS_Cms | | -0.48 | 133.030 | |
| 5,617.75 | 4,960.54 | MNCS_D | | -0.48 | 133.030 | |
| 5,753.61 | 5,073.02 | MNCS_E | | -0.48 | 133.030 | |
| 5,839.95 | 5,137.58 | MNCS_F | | -0.48 | 133.030 | |
| 5,963.29 | 5,216.81 | MNCS_G | | -0.48 | 133.030 | |
| 6,057.77 | 5,265.13 | MNCS_H | | -0.48 | 133.030 | |
| 6,187.37 | 5,311.12 | MNCS_I | | -0.48 | 133.030 | |

| Plan Annotations | | | | | |
|---------------------|---------------------|-------------------|------------|--------------------------------|--|
| Measured Depth (ft) | Vertical Depth (ft) | Local Coordinates | | | |
| | | +N/-S (ft) | +E/-W (ft) | Comment | |
| 500.00 | 500.00 | 0.00 | 0.00 | KOP Begin 3°/100' build | |
| 1,555.10 | 1,502.25 | -14.01 | 283.76 | Begin 31.65° tangent | |
| 5,652.25 | 4,989.90 | -120.03 | 2,431.22 | Begin 10°/100' build/turn | |
| 6,133.29 | 5,295.05 | -290.62 | 2,740.92 | POE @ 6133.29 MD 5295.05 TVD | |
| 6,338.23 | 5,329.58 | -427.71 | 2,887.77 | Begin 90.49° lateral | |
| 15,466.45 | 5,251.00 | -6,657.00 | 9,559.67 | PBHL @ 15466.45 MD 5251.00 TVD | |

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 334001

CONDITIONS

| | |
|---|--|
| Operator: DJR OPERATING, LLC 200 Energy Court Farmington, NM 87401 | OGRID: 371838 |
| | Action Number: 334001 |
| | 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 cementing operations, then a CBL is required. | 7/11/2024 |