Received by UCD. 2/16/2024 1:21:26 PM		Sundry Print Report
U.S. Department of the Interior BUREAU OF LAND MANAGEMENT		04/16/2024
Well Name: NAGEEZI UNIT	Well Location: T24N / R9W / SEC 26 / NWSW / 36.282537 / -107.765385	County or Parish/State: SAN JUAN / NM
Well Number: 217H	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: 3004538297	Operator: DJR OPERATING LLC	

Notice of Intent

Sundry ID: 2785168

-1400

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Type of Submission: Notice of Intent

Date Sundry Submitted: 04/15/2024

Date proposed operation will begin: 04/15/2024

Type of Action: APD Change Time Sundry Submitted: 02:42 25

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

217H_Revised_DPR_04.11.24_20240415144240.pdf

Received by OCD: 4/16/2024 1:21:26 PM Well Name: NAGEEZI UNIT	Well Location: T24N / R9W / SEC 26 / NWSW / 36.282537 / -107.765385	County or Parish/State: SAN 2 of 25 JUAN / NM
Well Number: 217H	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

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: Phone: Email address:

BLM Point of Contact

BLM POC Name: KENNETH G RENNICK BLM POC Phone: 5055647742 Disposition: Approved Signature: Kenneth Rennick

BLM POC Title: Petroleum Engineer BLM POC Email Address: krennick@blm.gov

Zip:

Signed on: APR 15, 2024 02:42 PM

Disposition Date: 04/16/2024

G LLC

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 217H		
API Number:	30-045-38297		
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:	26-24-9 Sec-Twn-Rng	1,724 ft FSL	762 ft FWL
	36.282537 O N latitude	107.765385 OW longitude	(NAD 83)
BH Location:	1-23-9 Sec-Twn-Rng	1,373 ft FNL	226 ft FWL
	36.259768 O N latitude	107.732954 OW longitude	(NAD 83)
Driving Directions:	FROM THE INTERSECTION OF	US HWY 550 & US HWY 64 IN B	LOOMFIELD, NM:
	South on US Hwy 550 for 32.5	5 miles to MM 119.5, Right (Soutl	hWest) on D34 Road for 2
	on lease road for 0.75 miles t	o P&A location. Thru location (So	utheast) on new access 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 21/H)

GEOLOGIC AND RESERVOIR INFORMATION:

ognosis:	Formation Tops	TVD (ft ASL)	TVD (ft KB)	MD (ft KB)	0/G/W	Pressure
	Ojo Alamo	6,020	831	831	W	normal
	Kirtland	5,895	956	956	W	normal
	Fruitland	5,605	1,246	1,246	G, W	sub
	Pictured Cliffs	5,260	1,591	1,591	G, W	sub
	Lewis	5,150	1,701	1,701	G <i>,</i> W	normal
	Chacra	4,850	2,001	2,006	G <i>,</i> W	normal
	Cliff House	3,759	3,092	3,117	G, W	sub
	Menefee	3,729	3,122	3,148	G, W	normal
	Point Lookout	2,790	4,061	4,104	G, W	normal
	Mancos	2,588	4,263	4,309	0,G	sub (~0.38
	Gallup (MNCS_A)	2,230	4,621	4,668	0,G	sub (~0.38
	MNCS_B	2,147	4,704	4,751	0,G	sub (~0.38
	MNCS_C	2,043	4,808	4,855	0,G	sub (~0.38
	MNCS_Cms	1,996	4,855	4,902	0,G	sub (~0.38
	MNCS_D	1,878	4,973	5,026	0,G	sub (~0.38
	MNCS_E	1,769	5,082	5,150	0,G	sub (~0.38
	MNCS_F	1,700	5,151	5,239	0,G	sub (~0.38
	MNCS_G	1,622	5,229	5,358	0,G	sub (~0.38
	MNCS_H	1,580	5,271	5,441	0,G	sub (~0.38
	MNCS_I	1,539	5,312	5,558	0,G	sub (~0.38
	FTP TARGET	1,555	5,296	5,505	O,G	sub (~0.38
	PROJECTED TD	1,631	5,220	17,962	O,G	sub (~0.38

Surface: Nacimiento

Oil & Gas Zones: Several gas bearing zones will be encountered; target formation is the Gallup

Max. pressure gradient:

Pressure: Normal (0.43 psi/ft) or sub-normal pressure gradients anticipated in all formations 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	
omnoraturo.	Maximum anticipated BHT is 1250 F or less				

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 TD.

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:EnsignRig No.:140Draw 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)Choke3", 5,000 psiKB-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 intalled on rams. A valve will be installed on the annular preventer's closing line as close as possible to the preventer to act as a locking device. The valve will be maintained in the open position and shall only be closed when the there is no power to the accumulator.

FLUIDS AND SOLIDS CONTROL PROGRAM:

Fluid Measurement:	
Closed-Loop System:	Pumps shall be equipped with stroke counters with displays in the dog-house. Slow pump speed shall be recorded daily and after mudding up, at a minimum, on the drilling report. A Pit Volume Totalizer will be installed and the readout will be displayed in the dog-house. Gas-detecting equipment will be installed at the shakers, and readouts will be available in the dog-house and the in the geologist's work-station (if geologist or mud-logger is on-site). A fully, closed-loop system will be utilized. The system will consist of above-ground piping and above-ground storage tanks and bins. The system will not entail any earthen pits, below-grade storage, or drying pads. All equipment will be disassembled and removed from the site when drilling operations cease. The system will be capable of storing all fluids and generated cuttings and of preventing uncontrolled releases of the same. The system will be operated in an efficient manner to allow the recycling and reuse of as much fluid as possible and to
	minimimize the amount of fluids and solids that require disposal.
Fluid Disposal:	Fluids that cannot be reused, recycled, or returned to the supplier will be hauled to and disposed of at an
Solids Disposal:	approved disposal site (Industrial Ecosystem, Inc. or Envirotech, Inc.). Drilling solids will be stored (until haul-off) on-site in separate containers with no other waste, debris, or garbage products. Waste solids will be hauled to and disposed of at an approved disposal site (Industrial Ecosystem, Inc. or Envirotech, Inc.).

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

DETAILED DRILLING PLAN:

0 ft (MD)	to	350 ft (MD)	Hole Section Length:	350 ft			
0 ft (TVD)	to	350 ft (TVD)	Casing Required:	350 ft			
Note: Conference had a new had dilled anoted and accounted with a smaller via in advance of the drilling via							

Note: S	Surface h	ole may	be drilled, d	cased, and	cemented	with a s	maller rig	in advan	ice of the drill	ing rig.
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Fluid:	Туре	MW (ppg)	FL (mL/30 min)	PV (cp)	YP (lb/100 sqft)	рН	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 F	PDC, no motor									
MWD / Survey:	No MWD, deviation survey										
Logging:	None										
							Tens. Body	Tens. Conn			
Casing Specs:		Wt (lb/ft)	Grade	Conn.	Collapse (psi)	Burst (psi)	(lbs)	(lbs)			
Specs	9.625	36.0	K-55	STC	2,020	3,520	564,000	423,000			
Loading					153	1,138	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 aradient										

Assumptions: Collapse: fully evacuated casing with 8.4 ppg equivalent external pressure gradient Burst: maximum anticipated surface pressure with 9.5 ppg fluid inside casing while drilling intermediate hole and 8.4 ppg equivalent external pressure gradient

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

MU Torque (ft lbs):	Minumum:	3,400	Optimum:	4,530	Maximum:	5,660
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			Yield	Water	Hole Cap.		Planned TOC	Total Cmt	Total Cmt (cu
Cement:	Туре	Weight (ppg)	(cuft/sk)	(gal/sk)	(cuft/ft)	% Excess	(ft MD)	(sx)	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	

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

350 ft (MD)	to	5,605 ft (MD)	Hole Section Length:	5,255 ft
350 ft (TVD)	to	5,322 ft (TVD)	Casing Required:	5,605 ft

	_		FL		YP			
Fluid:	Туре	MW (ppg)	(mL/30 min)	PV (cp)	(lb/100 sqft)	pH		nents
	LSND (KCI)	8.8 - 9.2	15	14-Aug	12-Jun	10.8 - 11.2	NO	OBM
Hole Size:		tur/moud monto						
MWD / Survey:		t w/mud motor		uniou (ouonu)	100' at a minim	um) CR ontiou		
Logging:		with inclination		uivey (every .		unij, Gr optioi	la	
Logging.	None							
							Tens. Body	Tens. Conn
Casing Specs:		Wt (lb/ft)	Grade	Conn.	Collapse (psi)	Burst (psi)	(lbs)	(lbs)
Specs	7	26.0	K-55	LTC	4,320	4,980	415,000	367,000
Loading	/	20.0	K-33		2,325	1,424	227,084	227,084
Min. S.F.					1.86	3.50	1.83	1.62
	Accumptions	Collance: fully	evacuated casi	na with 9 1 n				1.02
	Assumptions.		im anticipated :					lina
			le and 8.4 ppg (• •		-	ising while unit	iiig
			ed weight in 8.4					
MUL Torque (ft lbs);	Minumum:	3,400	Optimum:		Maximum:	•		
MU Torque (ft lbs):	winnunnunn.	3,400	Yield	4,530 Water	Muximum.	5,660 Planned TOC	Total Cmt	Total Cmt (cu
Cement:	Туре	Weight (ppg)	(cuft/sk)	(gal/sk)	% Excess	(ft MD)	(sx)	ft)
Lead	III:POZ Blend	12.5	2.140	12.05	70%	0	488	1,045
Tail	Type III	14.6	1.380	6.64	20%	4,209	189	261
Annular Capacity		cuft/ft	7" casing x 9-5			4,209	Shoe Track L	44
Annului Cupucity		cuft/ft	9-5/8" casing >	-			Casing ID	6.276
		cuft/ft			umuus		Casing ID	0.270
	0.2140							
	Calculated cer	•	7" casing casin assume aquae h	-	vress noted in t	ahle		
		nent volumes d	assume gauge h	-	xcess noted in t	able		
		•	assume gauge h	-	xcess noted in t	able		
PRODUCTION:	Drake Interme	nent volumes o ediate Cementii	assume gauge h ng Program	ole and the e.				
PRODUCTION:	Drake Interme Drill to TD foll	ment volumes o ediate Cementin lowing directio	assume gauge h ng Program	aole and the example and the e	casing to surfa	ICE.	ection Length:	12,357 ft
PRODUCTION:	Drake Interme Drill to TD foll 5,605	nent volumes o ediate Cementia lowing directio ft (MD)	assume gauge h ng Program onal plan, run co	aole and the en asing, cement 17,962	casing to surfc ft (MD)	ice. Hole S	ection Length: sing Required:	12,357 ft 12.507 ft
PRODUCTION:	Drake Interme Drill to TD foll 5,605	nent volumes o adiate Cementia lowing directio ft (MD) ft (TVD)	assume gauge h ng Program onal plan, run co to	asing, cement 17,962 5,220	t casing to surfc ft (MD) ft (TVD)	ice. Hole S Ca:	sing Required:	12,357 ft 12,507 ft
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<u>PRODUCTION:</u>	Drake Interme Drill to TD foll 5,605 5,322	nent volumes o adiate Cementia lowing directio ft (MD) ft (TVD) Es Estimation	assume gauge h ng Program nal plan, run co to to timated KOP: ted Liner Top: g Point (FTP):	asing, cement 17,962 5,220 4,805 5,455 5,505	ft (MD) ft (TVD) ft (TVD) ft (MD) ft (MD) ft (MD) ft (MD)	rce. Hole So Cas 4,758 5,277	sing Required: ft (TVD) ft (TVD)	
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Fluid: Hole Size:	Drake Interme Drill to TD foll 5,605 5,322 Est Est Type WBM 6.125 6-1/8" PDC bit MWD with GR	nent volumes o ediate Cementin lowing directio ft (MD) ft (TVD) Estimated Landin Estimated Landin Estimated Landin 8.7 - 9.0 t w/mud motor c, inclination, a	assume gauge f ng Program onal plan, run co to to timated KOP: ted Liner Top: g Point (FTP): ateral Length: FL (mL/30') NC r nd azimuth (sur	nole and the example asing, cement 17,962 5,220 4,805 5,455 5,505 12,457 PV (cp) 20.00	casing to surfe ft (MD) ft (TVD) ft (MD)	rce. Hole Sr 2,758 5,277 5,296 pH 9-9.5	ft (TVD) ft (TVD) ft (TVD) ft (TVD) Comments prod water	12,507 ft Comments OBM as contingency
Fluid: Hole Size: Bit / Motor: MWD / Survey:	Drake Interme Drill to TD foll 5,605 5,322 Est Est 5,322 6.125 6.125 6-1/8" PDC bit MWD with GR minimum befor	nent volumes o ediate Cementia lowing directio ft (MD) ft (TVD) Estimated Landin Estimated Landin Estimated Landin 8.7 - 9.0 t w/mud motor c, inclination, and of the top and af	assume gauge f ng Program nal plan, run co to to timated KOP: ted Liner Top: g Point (FTP): ateral Length: FL (mL/30') NC r nd azimuth (sur ter Landing Poi	nole and the example asing, cement 17,962 5,220 4,805 5,455 5,505 12,457 PV (cp) 20.00	t casing to surfe ft (MD) ft (TVD) ft (MD) ft (MD) ft (MD) ft (MD) ft (MD) ft (MD) t (Ib/100 sqft) ±2	rce. Hole S Cas 4,758 5,277 5,296 pH 9-9.5	ft (TVD) ft (TVD) ft (TVD) ft (TVD) Comments prod water	12,507 ft Comments OBM as contingency
Fluid: Hole Size: Bit / Motor: MWD / Survey: Logging:	Drake Interme Drill to TD foll 5,605 5,322 Est Est KBM 6.125 6-1/8" PDC bit MWD with GR minimum befor GR MWD for e	nent volumes o ediate Cementin fowing directio ft (MD) ft (TVD) Estimated Landin Estimated Landin	ng Program nal plan, run co to to to timated KOP: ted Liner Top: g Point (FTP): ateral Length: FL (mL/30') NC r nd azimuth (sur ter Landing Poi no mud-log or co	asing, cement 17,962 5,220 4,805 5,455 5,505 12,457 PV (cp) 20.00 Every every join nt) cuttings samp	t casing to surfc ft (MD) ft (TVD) ft (MD) ft	nce. Hole S Cas 4,758 5,277 5,296 pH 9-9.5	ft (TVD) ft (TVD) ft (TVD) ft (TVD) Comments prod water	12,507 ft Comments OBM as contingency ry 100'
Fluid: Hole Size: Bit / Motor: MWD / Survey:	Drake Interme Drill to TD foll 5,605 5,322 Est Est KBM 6.125 6-1/8" PDC bit MWD with GR minimum befor GR MWD for e	nent volumes o ediate Cementin fowing directio ft (MD) ft (TVD) Estimated Landin Estimated Landin	ng Program nal plan, run co to to to timated KOP: ted Liner Top: g Point (FTP): ateral Length: FL (mL/30') NC r nd azimuth (sur ter Landing Poi no mud-log or co	asing, cement 17,962 5,220 4,805 5,455 5,505 12,457 PV (cp) 20.00 Every every join nt) cuttings samp	t casing to surfc ft (MD) ft (TVD) ft (MD) ft	rce. Hole S Cas 4,758 5,277 5,296 pH 9-9.5	ft (TVD) ft (TVD) ft (TVD) ft (TVD) Comments prod water	12,507 ft Comments OBM as contingency ry 100'
Fluid: Hole Size: Bit / Motor: MWD / Survey: Logging:	Drake Interme Drill to TD foll 5,605 5,322 Est Est KBM 6.125 6-1/8" PDC bit MWD with GR minimum befor GR MWD for e	nent volumes o ediate Cementin fowing directio ft (MD) ft (TVD) Estimated Landin Estimated Landin	ng Program nal plan, run co to to to timated KOP: ted Liner Top: g Point (FTP): ateral Length: FL (mL/30') NC r nd azimuth (sur ter Landing Poi no mud-log or co	asing, cement 17,962 5,220 4,805 5,455 5,505 12,457 PV (cp) 20.00 Every every join nt) cuttings samp	t casing to surfc ft (MD) ft (TVD) ft (MD) ft	nce. Hole S Cas 4,758 5,277 5,296 pH 9-9.5	sing Required: ft (TVD) ft (TVD) ft (TVD) Comments prod water and survey eve psi for 30 min	12,507 ft Comments OBM as contingency ry 100'
Fluid: Hole Size: Bit / Motor: MWD / Survey: Logging: Pressure Test:	Drake Interme Drill to TD foll 5,605 5,322 Est Est 0 0 0 0 0 0 0 0 0 0 0 0 0	nent volumes o ediate Cementia lowing directio ft (MD) ft (TVD) Estimated Landin Estimated Landin Estimated Landin Estimated Landin 8.7 - 9.0 t w/mud motor c, inclination, a pre KOP and aftentire section, t test (as noted a	assume gauge f ng Program nal plan, run co to to timated KOP: ted Liner Top: g Point (FTP): ateral Length: FL (mL/30') NC r nd azimuth (sur ter Landing Poi no mud-log or c above); pressur	etest 9-5/8"	t casing to surfo ft (MD) ft (TVD) ft (MD) ft	rce. Hole Sr Ca: 4,758 5,277 5,296 9-9.5 Landing Point a logs 1,500	sing Required: ft (TVD) ft (TVD) ft (TVD) Comments prod water and survey eve psi for 30 min Tens. Body	12,507 ft Comments OBM as contingency ry 100' utes. Tens. Conn
Fluid: Hole Size: Bit / Motor: MWD / Survey: Logging: Pressure Test: Liner/Casing Specs:	Drake Interme Drill to TD foll 5,605 5,322 Est Est 6-1/8" PDC bit MWD with GR minimum befor GR MWD for e NU BOPE and Size (in)	nent volumes o ediate Cementia lowing directio ft (MD) ft (TVD) Estimated Landin Estimated Landin Estimated Landin Estimated Landin 8.7 - 9.0 t w/mud motor t, inclination, a pre KOP and af entire section, t test (as noted Wt (lb/ft)	assume gauge f ng Program nal plan, run co to to timated KOP: ted Liner Top: g Point (FTP): ateral Length: FL (mL/30') NC r nd azimuth (sur ter Landing Poi no mud-log or c above); pressur	e test 9-5/8" Conn.	t (MD) ft (MD) ft (TVD) ft (MD) ft (MD) ft (MD) ft (MD) ft (MD) ft (MD) ft (MD) t (MD) t (MD) t (MD) ft (MD	rce. Hole Si Cas 4,758 5,277 5,296 9-9.5 Landing Point a logs 1,500 Burst (psi)	ft (TVD) ft (TVD) ft (TVD) ft (TVD) Comments prod water and survey eve psi for 30 min Tens. Body (lbs)	12,507 ft Comments OBM as contingency ry 100' utes. Tens. Conn (lbs)
Fluid: Hole Size: Bit / Motor: MWD / Survey: Logging: Pressure Test: Liner/Casing Specs: Specs	Drake Interme Drill to TD foll 5,605 5,322 Est Est 0 0 0 0 0 0 0 0 0 0 0 0 0	nent volumes o ediate Cementia lowing directio ft (MD) ft (TVD) Estimated Landin Estimated Landin Estimated Landin Estimated Landin 8.7 - 9.0 t w/mud motor c, inclination, a pre KOP and aftentire section, t test (as noted a	assume gauge f ng Program nal plan, run co to to timated KOP: ted Liner Top: g Point (FTP): ateral Length: FL (mL/30') NC r nd azimuth (sur ter Landing Poi no mud-log or c above); pressur	etest 9-5/8"	t (MD) ft (rce. Hole S Cas 4,758 5,277 5,296 9-9.5 Landing Point - logs 1,500 Burst (psi) 10,690	sing Required: ft (TVD) ft (TVD) ft (TVD) Comments prod water and survey eve psi for 30 min Tens. Body (lbs) 367,000	12,507 ft Comments OBM as contingency ry 100' utes. Tens. Conn (lbs) 385,000
Fluid: Hole Size: Bit / Motor: MWD / Survey: Logging: Pressure Test: Liner/Casing Specs:	Drake Interme Drill to TD foll 5,605 5,322 Est Est 6-1/8" PDC bit MWD with GR minimum befor GR MWD for e NU BOPE and Size (in)	nent volumes o ediate Cementia lowing directio ft (MD) ft (TVD) Estimated Landin Estimated Landin Estimated Landin Estimated Landin 8.7 - 9.0 t w/mud motor t, inclination, a pre KOP and af entire section, t test (as noted Wt (lb/ft)	assume gauge f ng Program nal plan, run co to to timated KOP: ted Liner Top: g Point (FTP): ateral Length: FL (mL/30') NC r nd azimuth (sur ter Landing Poi no mud-log or c above); pressur	e test 9-5/8" Conn.	t (MD) ft (MD) ft (TVD) ft (MD) ft (MD) ft (MD) ft (MD) ft (MD) ft (MD) ft (MD) t (MD) t (MD) t (MD) ft (MD	rce. Hole Si Cas 4,758 5,277 5,296 9-9.5 Landing Point a logs 1,500 Burst (psi)	ft (TVD) ft (TVD) ft (TVD) ft (TVD) Comments prod water and survey eve psi for 30 min Tens. Body (lbs)	12,507 ft Comments OBM as contingency ry 100' utes. Tens. Conn (lbs)

Assumptions: Collapse: fully evacuated casing with 9.5 ppg fluid in the annulus (floating casing during running) Burst: 8,500 psi maximum surface treating pressure with 10.2 ppg equivalent mud weight sand laden fluid with 8.4 ppg equivalent external pressure gradient. Tension: buoyed weight in 9.0 ppg fluid with 100,000 lbs over-pull. Tension calculations assume vertical hole to approximate drag in lateral. MU Torque (ft lbs): Minumum: BTC Optimum: BTC Maximum: BTC Weight (ppg) Yield Water Planned TOC **Total Cmt** Total Cmt (cu Cement: Туре % Excess 31.6 Spacer IntegraGuard Star 11 0 60 bbls Tail G:POZ blend 13.3 1.560 7.70 30% 5,455 1,013 1,580 Displacement 248 est bbls Annular Capacities cuft/ft 4-1/2" casing x 7" casing annulus 0.1044 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 IntegraGuard Star S-8 Silica Flour Avis 616 viscosifier FP24 Defoamer .5 Plus 3K LCM 15 SS201 Surfactant 1 Spacer 163.7 lbs/bbl 11.6 lb/bbl lb/bbl lb/bbl gal/bbl Bentonite IntegraGuard FP24 Defoamer **BA90 Bonding** Viscosifier 8% FL24 Fluid Loss .5% GW86 Viscosifier R7C Retarder .2% 0.3% BWOB, Anti-Lead/Tail ASTM Type I/II Agent 5.0 lb/sx BWOB BWOB .1% BWOB BWOB Static .01 lb/sx FP24 Defoamer Bentonite IntegraGuard .3% BWOB, FL24 Fluid Loss .4% GW86 Viscosifier Pozzolan Fly Ash BA90 Bonding Viscosifier 4% R3 Retarder .5% IntegraSeal 0.25 Tvpe G 50% Extender 50% Agent 3.0 lb/sx BWOB BWOB .1% BWOB BWOB lb/sx Note: This well will not be considered an unorthodox well location as definited by NMAC19.15.16.15.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 toeinitiation sleeve nor the top perforation shall be closer to the unit boundary than 100' measured along the azimuth

FINISH WELL: ND BOP, cap well, RDMO.

COMPLETION AND PRODUCTION PLAN:

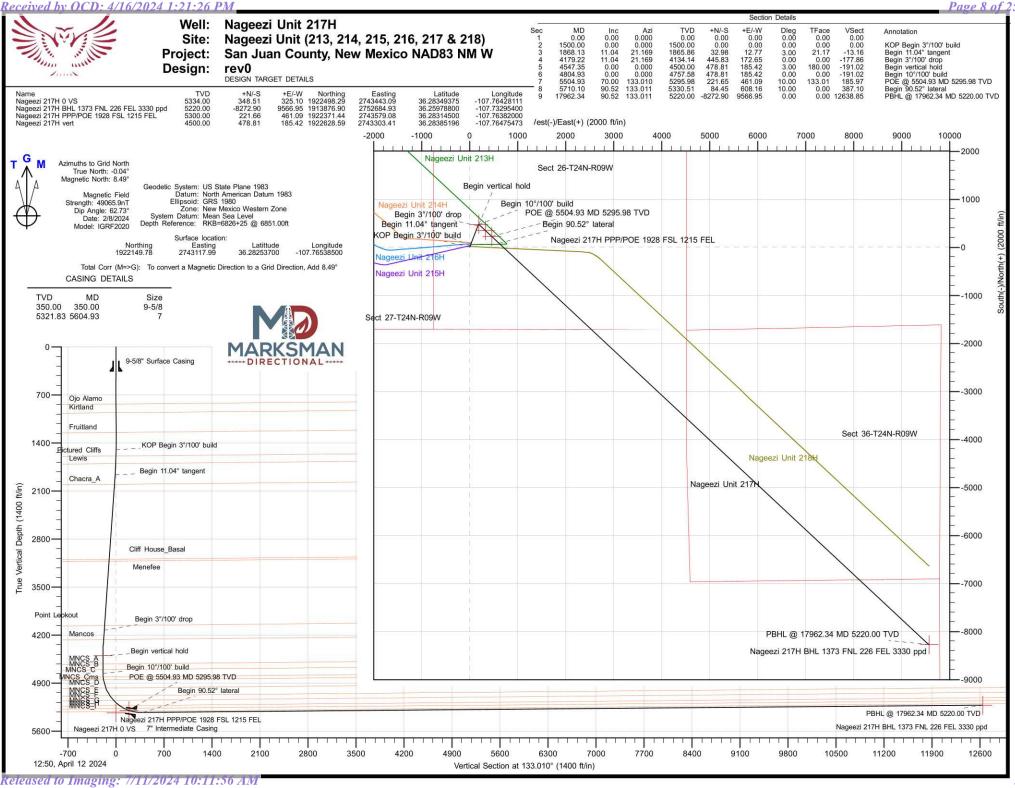
Est Lateral Length:	12,357					
Est Frac Inform:	51	Frac Stages	198,000	bbls slick water	16,070,000	lbs proppant
Frac:	39 plug-and-p	perf stages with	150,000 bbls	slickwater fluid and 12	,100,000 lbs of propp	oant (estimated)
Flowback:	Flow back thr	ough productio	n tubing as pr	ressures allow		
Production:	Produce throu	ugh production	tubing via gas	s-lift into permanent pr	oduction and storage	facilities

of the well or 330' measured perpendicular to the azimuth of the well.

ESTIMATED START DATES:

Prepared by:	Greg Olson	1/25/202
Production:	8/29/2024	
Completion:	7/15/2024	
Drilling:	5/16/2024	

Preparea by:	Greg Olson	1/25/2024
Updated:	Greg Olson	4/11/2024



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Planning Report

Database: Company: Project: Site: Well: Wellbore: Design:	DT_Mar1724_v17 Enduring Resources LLC San Juan County, New Mexico NAD83 NM W Nageezi Unit (213, 214, 215, 216, 217 & 218) Nageezi Unit 217H Original Hole rev0 San Juan County, New Mexico NAD83 NM W			TVD Reference MD Reference North Referen	ə:	Well Nageezi U RKB=6826+25 RKB=6826+25 Grid Minimum Curva		
Project	San Juan Co	unty, New Mex	ico NAD83 NM W					
Map System: Geo Datum: Map Zone:	US State Plane North Americar New Mexico W	n Datum 1983		System Datum	1	Mean Sea Level		
Site	Nageezi Unit	(213, 214, 215	5, 216, 217 & 218)					
Site Position: From: Position Uncertainty:	Lat/Long	0.00 ft	Northing: Easting: Slot Radius:	1,922,205 2,743,140 13-3	Eatitor			36.28268900 -107.76530800
Well	Nageezi Unit	217H, Surf loc	1724 FSL 762 FWL	Section 26-T24N-R0	9W			
Well Position	+N/-S +E/-W	0.00 ft 0.00 ft	Northing: Easting:		22,149.79 usft 743,117.99 usft	Latitude: Longitude:		36.2825370 -107.7653850
Position Uncertainty Grid Convergence:		0.00 ft 0.04 °	Wellhead Ele	vation:	ft	Ground Level:		6,826.00 ft
Wellbore	Original Hole	•						
Magnetics	Model Na	ame	Sample Date	Declination (°)	i	Dip Angle (°)	Field Str (nT	
	IG	RF2020	2/8/2024		8.53	62.73	49,065	5.89274249
Design	rev0							
Audit Notes:								
Version:			Phase:	PLAN	Tie On De	oth:	0.00	
Vertical Section:			From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)		rection (°)	
			0.00	0.00	0.00	1.	33.010	
Plan Survey Tool Pro Depth From (ft)	ogram Depth To (ft)	Date 4/12 Survey (Well		Tool Name	Rem	arks		
1 0.00	17,962.34	rev0 (Original	Hole)	MWD				

.



Database:	DT Mar1724 v17	Local Co-ordinate Reference:	Well Nageezi Unit 217H
Database.		Local Co-ordinate Reference:	Well Nageezi Offic 217 H
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 217H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Original Hole		
Design:	rev0		

Plan Sections

Measured			Vertical			Dogleg	Build	Turn		
Depth (ft)	Inclination (°)	Azimuth (°)	Depth (ft)	+N/-S (ft)	+E/-W (ft)	Rate (°/100ft)	Rate (°/100ft)	Rate (°/100ft)	TFO (°)	Target
0.00	0.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,500.00	0.00	0.000	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,868.13	11.04	21.169	1,865.86	32.98	12.77	3.00	3.00	0.00	21.17	
4,179.22	11.04	21.169	4,134.14	445.83	172.65	0.00	0.00	0.00	0.00	
4,547.35	0.00	0.000	4,500.00	478.81	185.42	3.00	-3.00	0.00	180.00	Nageezi 217H vert
4,804.93	0.00	0.000	4,757.58	478.81	185.42	0.00	0.00	0.00	0.00	
5,504.93	70.00	133.010	5,295.98	221.65	461.09	10.00	10.00	0.00	133.01	
5,710.10	90.52	133.011	5,330.51	84.45	608.16	10.00	10.00	0.00	0.00	
17,962.34	90.52	133.011	5,220.00	-8,272.90	9,566.95	0.00	0.00	0.00	0.00	Nageezi 217H BHL



Database: Company:	DT_Mar1724_v17 Enduring Resources LLC	Local Co-ordinate Reference: TVD Reference:	Well Nageezi Unit 217H RKB=6826+25 @ 6851.00ft
Project: Site:	San Juan County, New Mexico NAD83 NM W Nageezi Unit (213, 214, 215, 216, 217 & 218)	MD Reference: North Reference:	RKB=6826+25 @ 6851.00ft
Well:	Nageezi Unit 217H	Survey Calculation Method:	Grid Minimum Curvature
Wellbore:	Original Hole		
Design:	rev0		

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" Surfa									
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
600.00	0.00	0.000	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.000	700.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.000	800.00	0.00	0.00	0.00	0.00	0.00	0.00
831.00	0.00	0.000	831.00	0.00	0.00	0.00	0.00	0.00	0.00
Ojo Alamo 900.00	0.00	0.000	900.00	0.00	0.00	0.00	0.00	0.00	0.00
956.00	0.00	0.000	956.00	0.00	0.00	0.00	0.00	0.00	0.00
Kirtland	0.00	0.000	330.00	0.00	0.00	0.00	0.00	0.00	0.00
1.000.00	0.00	0.000	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00
1,100.00	0.00	0.000	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00
1,200.00	0.00	0.000	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00
1,246.00	0.00	0.000	1,246.00	0.00	0.00	0.00	0.00	0.00	0.00
Fruitland									
1,300.00	0.00	0.000	1,300.00	0.00	0.00	0.00	0.00	0.00	0.00
1,400.00	0.00	0.000	1,400.00	0.00	0.00	0.00	0.00	0.00	0.00
1,500.00	0.00	0.000	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00
KOP Begin 3	3°/100' build								
1,591.04	2.73	21.169	1,591.01	2.02	0.78	-0.81	3.00	3.00	0.00
Pictured Clif	ffs								
1,600.00	3.00	21.169	1,599.95	2.44	0.95	-0.97	3.00	3.00	0.00
1,700.00	6.00	21.169	1,699.63	9.76	3.78	-3.89	3.00	3.00	0.00
1,701.41	6.04	21.169	1,701.04	9.89	3.83	-3.95	3.00	3.00	0.00
Lewis									
1,800.00	9.00	21.169	1,798.77	21.93	8.49	-8.75	3.00	3.00	0.00
1,868.13	11.04	21.169	1,865.86	32.98	12.77	-13.16	3.00	3.00	0.00
Begin 11.04	' tangent								
1,900.00	11.04	21.169	1,897.13	38.68	14.98	-15.43	0.00	0.00	0.00
2,000.00	11.04	21.169	1,995.28	56.54	21.89	-22.56	0.00	0.00	0.00
2,006.04	11.04	21.169	2,001.21	57.62	22.31	-22.99	0.00	0.00	0.00
Chacra_A						000 000 100 000 00		NUCLEUS CONTRACT	Sec. 2.5
2,100.00	11.04	21.169	2,093.43	74.40	28.81	-29.68	0.00	0.00	0.00
2,200.00	11.04	21.169	2,191.58	92.27	35.73	-36.81	0.00	0.00	0.00
2,300.00	11.04	21.169	2,289.73	110.13	42.65	-43.94	0.00	0.00	0.00
2,400.00	11.04	21.169	2,387.87	127.99	49.57	-51.06	0.00	0.00	0.00
2,500.00	11.04	21.169	2,486.02	145.86	56.48	-58.19	0.00	0.00	0.00
2,600.00	11.04	21.169	2,584.17	163.72	63.40	-65.32	0.00	0.00	0.00
2,700.00	11.04	21.169	2,682.32	181.58	70.32	-72.44	0.00	0.00	0.00
2,800.00	11.04	21.169	2,780.47	199.45	77.24	-79.57	0.00	0.00	0.00
2,900.00	11.04	21.169	2,878.61	217.31	84.15	-86.70	0.00	0.00	0.00
3,000.00	11.04	21.169	2,976.76	235.18	91.07	-93.82	0.00	0.00	0.00
3,100.00	11.04	21.169	3,074.91	253.04	97.99	-100.95	0.00	0.00	0.00
3,117.34	11.04	21.169	3,091.93	256.14	99.19	-102.19	0.00	0.00	0.00
Cliff House_	Basal								
3,147.92	11.04	21.169	3,121.95	261.60	101.31	-104.37	0.00	0.00	0.00
Menefee									

4/12/2024 12:51:23PM

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	DT N 4704 47		M. 8. N
Database:	DT_Mar1724_v17	Local Co-ordinate Reference:	Well Nageezi Unit 217H
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 217H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Original Hole		
Design:	rev0		

Measured Depth I (ft)	nclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
3,200.00	11.04	21.169	3,173.06	270.90	104.91	-108.08	0.00	0.00	0.00
3,300.00	11.04	21.169	3,271.21	288.77	111.83	-115.20	0.00	0.00	0.00
3,400.00	11.04	21.169	3,369.35	306.63	118.74	-122.33	0.00	0.00	0.00
3,500.00	11.04	21.169	3,467.50	324.49	125.66	-129.46	0.00	0.00	0.00
3,600.00	11.04	21.169	3,565.65	342.36	132.58	-136.58	0.00	0.00	0.00
3,700.00	11.04	21.169	3,663.80	360.22	139.50	-143.71	0.00	0.00	0.00
3,800.00	11.04	21.169	3,761.95	378.08	146.41	-150.84	0.00	0.00	0.00
3,900.00	11.04	21.169	3,860.10	395.95	153.33	-157.97	0.00	0.00	0.00
4.000.00	11.04	21.169	3,958.24	413.81	160.25	-165.09	0.00	0.00	0.00
4,100.00	11.04	21.169	4,056.39	431.68	167.17	-172.22	0.00	0.00	0.00
4,104.25	11.04	21.169	4,060.57	432.44	167.46	-172.52	0.00	0.00	0.00
Point Lookout	11.04	21.100	1,000.01	102.11	101110	172.02	0.00	0.00	0.00
4,179.22	11.04	21.169	4,134.14	445.83	172.65	-177.86	0.00	0.00	0.00
Begin 3°/100' d		21.103	7,104.14	++0.00	172.00	-177.00	0.00	0.00	0.00
4,200.00	10.42	21.169	4,154.56	449.44	174.04	-179.30	3.00	-3.00	0.00
di. The super-transmission of									
4,300.00	7.42	21.169	4,253.34	463.89	179.64	-185.07	3.00	-3.00	0.00
4,309.42	7.14	21.169	4,262.68	465.01	180.07	-185.52	3.00	-3.00	0.00
Mancos		04 100	4 050 70	170 51	400.07	100.01	0.00	0.00	0.00
4,400.00	4.42	21.169	4,352.79	473.51	183.37	-188.91	3.00	-3.00	0.00
4,500.00	1.42	21.169	4,452.65	478.26	185.21	-190.80	3.00	-3.00	0.00
4,547.35	0.00	0.000	4,500.00	478.81	185.42	-191.02	3.00	-3.00	0.00
Begin vertical I	hold								
4,600.00	0.00	0.000	4,552.65	478.81	185.42	-191.02	0.00	0.00	0.00
4,668.09	0.00	0.000	4,620.73	478.81	185.42	-191.02	0.00	0.00	0.00
MNCS_A									
4,700.00	0.00	0.000	4,652.65	478.81	185.42	-191.02	0.00	0.00	0.00
4,751.09	0.00	0.000	4,703.73	478.81	185.42	-191.02	0.00	0.00	0.00
MNCS_B									
4,804.93	0.00	0.000	4,757.58	478.81	185.42	-191.02	0.00	0.00	0.00
Begin 10°/100'	build								
4,850.00	4.51	133.010	4,802.60	477.60	186.72	-189.25	10.00	10.00	0.00
4,855.13	5.02	133.010	4,807.71	477.31	187.03	-188.83	10.00	10.00	0.00
MNCS_C			0.000.0000						
4,900.00	9.51	133.010	4,852.21	473.44	191.17	-183.15	10.00	10.00	0.00
4,902.48	9.75	133.010	4,854.66	473.16	191.48	-182.74	10.00	10.00	0.00
MNCS_Cms									
4,950.00	14.51	133.010	4,901.10	466.35	198.78	-172.76	10.00	10.00	0.00
5,000.00	19.51	133.010	4,948,90	456.38	209.47	-158.14	10.00	10.00	0.00
5,026.16	22.12	133.010	4,973.35	450.04	216.26	-148.84	10.00	10.00	0.00
MNCS D									
5,050.00	24.51	133.010	4,995.24	443.60	223.16	-139.41	10.00	10.00	0.00
5,100.00	29.51	133.010	5,039.78	428.12	239.76	-116.71	10.00	10.00	0.00
5,149.58	34.47	133.010	5,081.82	410.21	258.96	-90.45	10.00	10.00	0.00
MNCS_E									
5,150.00	34.51	133.010	5,082.16	410.05	259.13	-90.22	10.00	10.00	0.00
5,200.00	34.51	133.010	5,082.16	410.05 389.52	259.13	-90.22	10.00	10.00	0.00
5,239.01	43.41	133.010	5,122.08 5,151.31	389.52	300.02	-60.13 -34.31	10.00	10.00	0.00
MNCS_F	-0.41	100.010	0,101.01	011.01	500.02	-34.51	10.00	10.00	0.00
5,250.00	44.51	133.010	5,159.22	366.71	305.59	-26.68	10.00	10.00	0.00
5,300.00	49.51	133.010	5,193.31	341.77	332.33	9.88	10.00	10.00	0.00
in ann an anns									
5,350.00	54.51	133.010	5,224.07	314.90	361.13	49.27	10.00	10.00	0.00
5,357.69	55.28	133.010	5,228.50	310.61	365.73	55.56	10.00	10.00	0.00

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Database:	DT_Mar1724_v17	Local Co-ordinate Reference:	Well Nageezi Unit 217H
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 217H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Original Hole		
Design:	rev0		

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									
5,400.00	59.51	133.010	5,251.29	286.30	391.79	91.20	10.00	10.00	0.00
5,441.07	63.61	133.010	5,270.84	261.68	418.19	127.30	10.00	10.00	0.00
MNCS_H									
5,450.00	64.51	133.010	5,274.75	256.19	424.06	135.33	10.00	10.00	0.00
5,504.93	70.00	133.010	5,295.98	221.65	461.09	185.97	10.00	10.00	0.00
POE @ 5504	.93 MD 5295.98	TVD							
5,550.00	74.51	133.010	5,309.72	192.38	492.47	228.88	10.00	10.00	0.00
5,558.20	75.33	133.010	5,311.85	186.98	498.26	236.80	10.00	10.00	0.00
MNCS I									
5,600.00	79.51	133.010	5,320.96	159.16	528.09	277.59	10.00	10.00	0.00
5,604.93	80.00	133.010	5,321.83	155.85	531.63	282.44	10.00	10.00	0.00
7" Intermedi			-1	1.0.010.0		(113-11-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	11.5.5.5.5.		
5 650 00	04 54	122 044	5 227 04	125 20	564 20	227.00	10.00	10.00	0.00
5,650.00	84.51	133.011	5,327.91	125.39 91.34	564.28	327.09 377.00	10.00	10.00	0.00 0.00
5,700.00	89.51	133.011	5,330.52		600.78		10.00	10.00	
5,710.10	90.52	133.011	5,330.51	84.45	608.16	387.10	10.00	10.00	0.00
Begin 90.52		100.011	E 000 T0		070.05	1== 0.0			
5,800.00	90.52	133.011	5,329.70	23.13	673.90	477.00	0.00	0.00	0.00
5,900.00	90.52	133.011	5,328.80	-45.08	747.02	577.00	0.00	0.00	0.00
6,000.00	90.52	133.011	5,327.90	-113.29	820.14	676.99	0.00	0.00	0.00
6,100.00	90.52	133.011	5,327.00	-181.50	893.26	776.99	0.00	0.00	0.00
6,200.00	90.52	133.011	5,326.10	-249.71	966.38	876.98	0.00	0.00	0.00
6,300.00	90.52	133.011	5,325.19	-317.92	1,039.50	976.98	0.00	0.00	0.00
6,400.00	90.52	133.011	5,324.29	-386.13	1,112.62	1,076.98	0.00	0.00	0.00
6,500.00	90.52	133.011	5,323.39	-454.34	1,185.74	1,176.97	0.00	0.00	0.00
6,600.00	90.52	133.011	5,322.49	-522.55	1,258.86	1,276.97	0.00	0.00	0.00
6,700.00	90.52	133.011	5,321.59	-590.76	1,331.98	1,376.96	0.00	0.00	0.00
6,800.00	90.52	133.011	5,320.68	-658.98	1,405.10	1,476.96	0.00	0.00	0.00
6,900.00	90.52	133.011	5,319.78	-727.19	1,478.21	1,576.95	0.00	0.00	0.00
7,000.00	90.52	133.011	5,318.88	-795.40	1,551.33	1,676.95	0.00	0.00	0.00
7,100.00	90.52	133.011	5,317.98	-863.61	1,624.45	1,776.95	0.00	0.00	0.00
7,200.00	90.52	133.011	5,317.08	-931.82	1,697.57	1,876.94	0.00	0.00	0.00
7,300.00	90.52	133.011	5,316.17	-1,000.03	1,770.69	1,976.94	0.00	0.00	0.00
7,400.00	90.52	133.011	5,315.27	-1,068.24	1,843.81	2,076.93	0.00	0.00	0.00
			5,314.37						
7,500.00	90.52	133.011		-1,136.45	1,916.93	2,176.93	0.00	0.00	0.00
7,600.00 7,700.00	90.52	133.011	5,313.47	-1,204.66	1,990.05	2,276.93	0.00	0.00	0.00
	90.52	133.011	5,312.57	-1,272.87	2,063.17	2,376.92	0.00	0.00	0.00
7,800.00	90.52	133.011	5,311.66	-1,341.08	2,136.29	2,476.92	0.00	0.00	0.00
7,900.00	90.52	133.011	5,310.76	-1,409.29	2,209.41	2,576.91	0.00	0.00	0.00
8,000.00	90.52	133.011	5,309.86	-1,477.51	2,282.53	2,676.91	0.00	0.00	0.00
8,100.00	90.52	133.011	5,308.96	-1,545.72	2,355.65	2,776.91	0.00	0.00	0.00
8,200.00	90.52	133.011	5,308.06	-1,613.93	2,428.77	2,876.90	0.00	0.00	0.00
8,300.00	90.52	133.011	5,307.15	-1,682.14	2,501.89	2,976.90	0.00	0.00	0.00
8,400.00	90.52	133.011	5,306.25	-1,750.35	2,575.01	3,076.89	0.00	0.00	0.00
8,500.00	90.52	133.011	5,305.35	-1,818.56	2,648.13	3,176.89	0.00	0.00	0.00
8,600.00	90.52	133.011	5,304.45	-1,886.77	2,721.25	3,276.89	0.00	0.00	0.00
8,700.00	90.52	133.011	5,303.55	-1,954.98	2,794.37	3,376.88	0.00	0.00	0.00
8,800.00	90.52	133.011	5,302.64	-2,023.19	2,867.49	3,476.88	0.00	0.00	0.00
8,900.00	90.52	133.011	5,301.74	-2,091.40	2,940.61	3,576.87	0.00	0.00	0.00
9,000.00	90.52	133.011	5,300.84	-2,159.61	3,013.73	3,676.87	0.00	0.00	0.00
9,100.00	90.52	133.011	5,299.94	-2,227.82	3,086.85	3,776.87	0.00	0.00	0.00
9,200.00	90.52	133.011 133.011	5,299.04 5,298.13	-2,296.03 -2,364.25	3,159.97	3,876.86	0.00	0.00	0.00

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Database: Company:	DT_Mar1724_v17 Enduring Resources LLC	Local Co-ordinate Reference: TVD Reference:	Well Nageezi Unit 217H RKB=6826+25 @ 6851.00ft
Project:	San Juan County, New Mexico NAD83 NM W	MD Reference:	RKB=6826+25 @ 6851.00ft
Site: Well:	Nageezi Unit (213, 214, 215, 216, 217 & 218) Nageezi Unit 217H	North Reference: Survey Calculation Method:	Grid Minimum Curvature
Wellbore:	Original Hole		
Design:	rev0		

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)
9,400.00	90.52	133.011	5,297.23	-2,432.46	3,306.20	4,076.85	0.00	0.00	0.00
9,500.00	90.52	133.011	5,296.33	-2,500.67	3.379.32	4,176.85	0.00	0.00	0.00
9,600.00	90.52	133.011	5,295,43	-2,568.88	3,452.44	4,276.84	0.00	0.00	0.00
9,700.00	90.52	133.011	5,294.53	-2,637.09	3,525.56	4,376.84	0.00	0.00	0.00
9,800.00	90.52	133.011	5,293.62	-2,705.30	3,598.68	4,476.84	0.00	0.00	0.00
9,900.00	90.52	133.011	5,292.72	-2,773.51	3,671.80	4,576.83	0.00	0.00	0.00
10,000.00	90.52	133.011	5,291.82	-2,841.72	3,744.92	4,676.83	0.00	0.00	0.00
10,100.00	90.52	133.011	5,290.92	-2,909.93	3,818.04	4,776.82	0.00	0.00	0.00
10,200.00	90.52	133.011	5,290.02	-2,978.14	3,891.16	4,876.82	0.00	0.00	0.00
10,300.00	90.52	133.011	5,289.11	-3,046.35	3,964.28	4,976.82	0.00	0.00	0.00
10,400.00	90.52	133.011	5,288.21	-3,114.56	4,037.40	5,076.81	0.00	0.00	0.00
10,500.00	90.52	133.011	5,287.31	-3,182.78	4,110.52	5,176.81	0.00	0.00	0.00
10,600.00	90.52	133.011	5,286.41	-3,250.99	4,183.64	5,276.80	0.00	0.00	0.00
10,700.00	90.52	133.011	5,285.51	-3,319.20	4,256.76	5,376.80	0.00	0.00	0.00
10,800.00	90.52	133.011	5,284.60	-3,387.41	4,329.88	5,476.80	0.00	0.00	0.00
10,900.00	90.52	133.011	5,283.70	-3,455.62	4,403.00	5,576.79	0.00	0.00	0.00
11,000.00	90.52	133.011	5,282.80	-3,523.83	4,476.12	5,676.79	0.00	0.00	0.00
11,100.00	90.52	133.011	5,281.90	-3,592.04	4,549.24	5,776.78	0.00	0.00	0.00
11,200.00	90.52	133.011	5,281.00	-3,660.25	4,622.36	5,876.78	0.00	0.00	0.00
11,300.00	90.52	133.011	5,280.09	-3,728.46	4,695.48	5,976.78	0.00	0.00	0.00
11,400.00	90.52	133.011	5,279.19	-3,796.67	4,768.60	6,076.77	0.00	0.00	0.00
11,400.00	90.32	133.011	5,279.19	-3,790.07	4,700.00	0,070.77	0.00	0.00	0.00
11,500.00	90.52	133.011	5,278.29	-3,864.88	4,841.72	6,176.77	0.00	0.00	0.00
11,600.00	90.52	133.011	5,277.39	-3,933.09	4,914.84	6,276.76	0.00	0.00	0.00
11,700.00	90.52	133.011	5,276.49	-4,001.30	4,987.95	6,376.76	0.00	0.00	0.00
11,800.00	90.52	133.011	5,275.58	-4,069.52	5,061.07	6,476.76	0.00	0.00	0.00
11,900.00	90.52	133.011	5,274.68	-4,137.73	5,134.19	6,576.75	0.00	0.00	0.00
12,000.00	90.52	133.011	5,273.78	-4,205.94	5,207.31	6.676.75	0.00	0.00	0.00
12,000.00	90.52	133.011	5,272.88	-4,203.94	5,280.43	6,776.74	0.00	0.00	0.00
								0.00	0.00
12,200.00	90.52	133.011	5,271.98	-4,342.36	5,353.55	6,876.74	0.00		
12,300.00	90.52	133.011	5,271.07	-4,410.57	5,426.67	6,976.74	0.00	0.00	0.00
12,400.00	90.52	133.011	5,270.17	-4,478.78	5,499.79	7,076.73	0.00	0.00	0.00
12,500.00	90.52	133.011	5,269.27	-4,546.99	5,572.91	7,176.73	0.00	0.00	0.00
12,600.00	90.52	133.011	5,268.37	-4,615.20	5,646.03	7,276.72	0.00	0.00	0.00
12,700.00	90.52	133.011	5,267.47	-4,683.41	5,719.15	7,376.72	0.00	0.00	0.00
12,800.00	90.52	133.011	5,266.56	-4,751.62	5,792.27	7,476.71	0.00	0.00	0.00
12,900.00	90.52	133.011	5,265.66	-4,819.83	5,865.39	7,576.71	0.00	0.00	0.00
						7.676.71			0.00
13,000.00	90.52	133.011	5,264.76	-4,888.05	5,938.51		0.00	0.00	
13,100.00	90.52	133.011	5,263.86	-4,956.26	6,011.63	7,776.70	0.00	0.00	0.00
13,200.00	90.52	133.011	5,262.96	-5,024.47	6,084.75	7,876.70	0.00	0.00	0.00
13,300.00	90.52	133.011	5,262.05	-5,092.68	6,157.87	7,976.69	0.00	0.00	0.00
13,400.00	90.52	133.011	5,261.15	-5,160.89	6,230.99	8,076.69	0.00	0.00	0.00
13,500.00	90.52	133.011	5,260.25	-5,229.10	6,304.11	8,176.69	0.00	0.00	0.00
13,600.00	90.52	133.011	5,259.35	-5,297.31	6,377.23	8,276.68	0.00	0.00	0.00
13,700.00	90.52	133.011	5,258.45	-5,365.52	6,450.35	8,376.68	0.00	0.00	0.00
13,800.00	90.52	133.011	5,257.54	-5,433.73	6,523.47	8,476.67	0.00	0.00	0.00
13,900.00	90.52	133.011	5,256.64	-5,501.94	6,596.59	8,576.67	0.00	0.00	0.00
14,000.00	90.52	133.011	5,255.74	-5,570.15	6,669.71	8,676.67	0.00	0.00	0.00
14,100.00	90.52	133.011	5,254.84	-5,638.36	6,742.82	8,776.66	0.00	0.00	0.00
14,200.00	90.52	133.011	5,253.94	-5,706.57	6,815.94	8,876.66	0.00	0.00	0.00
14,300.00	90.52	133.011	5,253.03	-5,774.79	6,889.06	8,976.65	0.00	0.00	0.00
14,400.00	90.52	133.011	5,252.13	-5,843.00	6,962.18	9,076.65	0.00	0.00	0.00
14,500.00	90.52	133.011	5,251.23	-5,911.21	7,035.30	9,176.65	0.00	0.00	0.00
14,600.00	90.52	133.011	5,250.33	-5,979.42	7,108.42	9,276.64	0.00	0.00	0.00
,=00.00	90.52	133.011	5,249.43	-6,047.63	7,181.54	9,376.64	0.00	0.00	0.00

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Database:	DT Mar1724 v17	Local Co-ordinate Reference:	Well Nageezi Unit 217H
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 217H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Original Hole		
Design:	rev0		

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)
14,800.00	90.52	133.011	5,248.52	-6,115.84	7,254.66	9,476.63	0.00	0.00	0.00
14,900.00	90.52	133.011	5,247.62	-6,184.05	7,327.78	9,576.63	0.00	0.00	0.00
15,000.00	90.52	133.011	5,246.72	-6,252.26	7,400.90	9,676.63	0.00	0.00	0.00
15,100.00	90.52	133.011	5,245.82	-6,320.47	7,474.02	9,776.62	0.00	0.00	0.00
15,200.00	90.52	133.011	5,244.92	-6,388.68	7,547.14	9,876.62	0.00	0.00	0.00
15,300.00	90.52	133.011	5,244.01	-6,456.89	7,620.26	9,976.61	0.00	0.00	0.00
15,400.00	90.52	133.011	5,243.11	-6,525.10	7,693.38	10,076.61	0.00	0.00	0.00
15,500.00	90.52	133.011	5,242.21	-6,593.32	7,766.50	10,176.61	0.00	0.00	0.00
15,600.00	90.52	133.011	5,241.31	-6,661.53	7,839.62	10,276.60	0.00	0.00	0.00
15,700.00	90.52	133.011	5,240.41	-6,729.74	7,912.74	10,376.60	0.00	0.00	0.00
15,800.00	90.52	133.011	5,239.50	-6,797.95	7,985.86	10,476.59	0.00	0.00	0.00
15,900.00	90.52	133.011	5,238.60	-6,866.16	8,058.98	10,576.59	0.00	0.00	0.00
16,000.00	90.52	133.011	5,237.70	-6,934.37	8,132.10	10,676.58	0.00	0.00	0.00
16,100.00	90.52	133.011	5,236.80	-7,002.58	8,205.22	10,776.58	0.00	0.00	0.00
16,200.00	90.52	133.011	5,235.90	-7,070.79	8,278.34	10,876.58	0.00	0.00	0.00
16,300.00	90.52	133.011	5,234.99	-7,139.00	8,351.46	10,976.57	0.00	0.00	0.00
16,400.00	90.52	133.011	5,234.09	-7,207.21	8,424.58	11,076.57	0.00	0.00	0.00
16,500.00	90.52	133.011	5,233.19	-7,275.42	8,497.69	11,176.56	0.00	0.00	0.00
16,600.00	90.52	133.011	5,232.29	-7,343.63	8,570.81	11,276.56	0.00	0.00	0.00
16,700.00	90.52	133.011	5,231.39	-7,411.84	8,643.93	11,376.56	0.00	0.00	0.00
16,800.00	90.52	133.011	5,230.48	-7,480.06	8,717.05	11,476.55	0.00	0.00	0.00
16,900.00	90.52	133.011	5,229.58	-7,548.27	8,790.17	11,576.55	0.00	0.00	0.00
17,000.00	90.52	133.011	5,228.68	-7,616.48	8,863.29	11,676.54	0.00	0.00	0.00
17,100.00	90.52	133.011	5,227.78	-7,684.69	8,936.41	11,776.54	0.00	0.00	0.00
17,200.00	90.52	133.011	5,226.88	-7,752.90	9,009.53	11,876.54	0.00	0.00	0.00
17,300.00	90.52	133.011	5,225.97	-7,821.11	9,082.65	11,976.53	0.00	0.00	0.00
17,400.00	90.52	133.011	5,225.07	-7,889.32	9,155.77	12,076.53	0.00	0.00	0.00
17,500.00	90.52	133.011	5,224.17	-7,957.53	9,228.89	12,176.52	0.00	0.00	0.00
17,600.00	90.52	133.011	5,223.27	-8,025.74	9,302.01	12,276.52	0.00	0.00	0.00
17,700.00	90.52	133.011	5,222.37	-8,093.95	9,375.13	12,376.52	0.00	0.00	0.00
17,800.00	90.52	133.011	5,221.46	-8,162.16	9,448.25	12,476.51	0.00	0.00	0.00
17,900.00	90.52	133.011	5,220.56	-8,230.37	9,521.37	12,576.51	0.00	0.00	0.00
17,962.34	90.52	133.011	5,220.00	-8,272.90	9,566.95	12,638.85	0.00	0.00	0.00

Casing Points						
	Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter ('')	Hole Diameter ('')	
	350.00 5,604.93		9-5/8" Surface Casing 7" Intermediate Casing	9-5/8 7	12-1/4 8-1/2	



Database:	DT_Mar1724_v17	Local Co-ordinate Reference:	Well Nageezi Unit 217H
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 217H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Original Hole		
Design:	rev0		

Formations

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)	
831.00	831.00	Ojo Alamo		-0.52	133.010	
956.00	956.00	Kirtland		-0.52	133.010	
1,246.00	1,246.00	Fruitland		-0.52	133.010	
1,591.04	1,591.01	Pictured Cliffs		-0.52	133.010	
1,701.41	1,701.04	Lewis		-0.52	133.010	
2,006.04	2,001.21	Chacra_A		-0.52	133.010	
3,117.34	3,091.93	Cliff House_Basal		-0.52	133.010	
3,147.92	3,121.95	Menefee		-0.52	133.010	
4,104.25	4,060.57	Point Lookout		-0.52	133.010	
4,309.42	4,262.68	Mancos		-0.52	133.010	
4,668.09	4,620.73	MNCS_A		-0.52	133.010	
4,751.09	4,703.73	MNCS_B		-0.52	133.010	
4,855.13	4,807.71	MNCS_C		-0.52	133.010	
4,902.48	4,854.66	MNCS_Cms		-0.52	133.010	
5,026.16	4,973.35	MNCS_D		-0.52	133.010	
5,149.58	5,081.82	MNCS_E		-0.52	133.010	
5,239.01	5,151.31	MNCS_F		-0.52	133.010	
5,357.69	5,228.50	MNCS_G		-0.52	133.010	
5,441.07	5,270.84	MNCS_H		-0.52	133.010	
5,558.20	5,311.85	MNCS_I		-0.52	133.010	

Plan Annotations

Measured	Vertical	Local Coor	dinates	
Depth (ft)	Depth (ft)	+N/-S (ft)	+E/-W (ft)	Comment
1,500.00	1,500.00	0.00	0.00	KOP Begin 3°/100' build
1,868.13	1,865.86	32.98	12.77	Begin 11.04° tangent
4,179.22	4,134.14	445.83	172.65	Begin 3°/100' drop
4,547.35	4,500.00	478.81	185.42	Begin vertical hold
4,804.93	4,757.58	478.81	185.42	Begin 10°/100' build
5,504.93	5,295.98	221.65	461.09	POE @ 5504.93 MD 5295.98 TVD
5,710.10	5,330.51	84.45	608.16	Begin 90.52° lateral
17,962.34	5,220.00	-8,272.90	9,566.95	PBHL @ 17962.34 MD 5220.00 TVD



Database: Company: Project: Site: Well: Wellbore: Design:		5ources LLC bunty, New Me t (213, 214, 21 t 217H	exico NAD83 NM W 5, 216, 217 & 218)	Local Co-ordi TVD Reference MD Reference North Referen Survey Calcul	: ce:	Well Nageezi U RKB=6826+25 RKB=6826+25 Grid Minimum Curva	@ 6851.00ft @ 6851.00ft	
Project	San Juan Cou	unty, New Mex	tico NAD83 NM W					
Geo Datum:	US State Plane North Americar New Mexico W	Datum 1983		System Datum:		Mean Sea Level		
Site	Nageezi Unit	(213, 214, 215	5, 216, 217 & 218)					
Site Position: From: Position Uncertainty:	Lat/Long	0.00 ft	Northing: Easting: Slot Radius:	1,922,205. 2,743,140. 13-3/	65 usft Longit			36.28268900 07.76530800
Well	Nageezi Unit 2	217H, Surf loc	: 1724 FSL 762 FWL	Section 26-T24N-R09	W			
Well Position	+N/-S +E/-W	0.00 ft 0.00 ft	Northing: Easting:	2,7	22,149.79 usft 43,117.99 usft	Latitude: Longitude:	-1	36.2825370 07.7653850
Position Uncertainty Grid Convergence:		0.00 ft 0.04 °	Wellhead Elev	vation:	ft	Ground Level:		3,826.00 ft
Wellbore	Original Hole							
Magnetics	Model Na	ime	Sample Date	Declination (°)		Dip Angle (°)	Field Strength (nT)	
	IG	RF2020	2/8/2024		8.53	62.73	49,065.89274	249
Design	rev0							
Audit Notes:								
Version:			Phase:	PLAN	Tie On De	oth:	0.00	
Vertical Section:		Depth	From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)		rection (°)	
			0.00	0.00	0.00	13	33.010	
Plan Survey Tool Pro Depth From (ft)	gram Depth To (ft)	Date 4/12 Survey (Well		Tool Name	Rema	arks		
1 0.00	17,962.34	rev0 (Original	l Hole)	MWD				

.



Database:	DT Mar1724 v17	Local Co-ordinate Reference:	Well Nageezi Unit 217H
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 217H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Original Hole		
Design:	rev0		

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	
1,500.00	0.00	0.000	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,868.13	11.04	21.169	1,865.86	32.98	12.77	3.00	3.00	0.00	21.17	
4,179.22	11.04	21.169	4,134.14	445.83	172.65	0.00	0.00	0.00	0.00	
4,547.35	0.00	0.000	4,500.00	478.81	185.42	3.00	-3.00	0.00	180.00	Nageezi 217H vert
4,804.93	0.00	0.000	4,757.58	478.81	185.42	0.00	0.00	0.00	0.00	
5,504.93	70.00	133.010	5,295.98	221.65	461.09	10.00	10.00	0.00	133.01	
5,710.10	90.52	133.011	5,330.51	84.45	608.16	10.00	10.00	0.00	0.00	
17,962.34	90.52	133.011	5,220.00	-8,272.90	9,566.95	0.00	0.00	0.00	0.00	Nageezi 217H BHL



Database: Company: Project: Site:	DT_Mar1724_v17 Enduring Resources LLC San Juan County, New Mexico NAD83 NM W Nageezi Unit (213, 214, 215, 216, 217 & 218)	Local Co-ordinate Reference: TVD Reference: MD Reference:	Well Nageezi Unit 217H RKB=6826+25 @ 6851.00ft RKB=6826+25 @ 6851.00ft
Well: Wellbore: Design:	Nageezi Unit (213, 214, 213, 216, 217 & 218) Nageezi Unit 217H Original Hole rev0	North Reference: Survey Calculation Method:	Grid Minimum Curvature

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	1,922,149.79	2,743,117.99	36.28253700	-107.76538500
100.00	0.00	0.000	100.00	0.00	0.00	1,922,149.79	2,743,117.99	36.28253700	-107.76538500
200.00	0.00	0.000	200.00	0.00	0.00	1,922,149.79	2,743,117.99	36.28253700	-107.76538500
300.00 350.00	0.00 0.00	0.000 0.000	300.00 350.00	0.00 0.00	0.00	1,922,149.79 1,922,149.79	2,743,117.99 2,743,117.99	36.28253700 36.28253700	-107.76538500 -107.76538500
C 90 C 00 C 00 C	urface Casing	0.000	330.00	0.00	0.00	1,922,149.79	2,743,117.55	30.20233700	-107.70338500
400.00	0.00	0.000	400.00	0.00	0.00	1,922,149.79	2,743,117.99	36.28253700	-107.76538500
500.00	0.00	0.000	500.00	0.00	0.00	1,922,149.79	2,743,117.99	36.28253700	-107.76538500
600.00	0.00	0.000	600.00	0.00	0.00	1,922,149.79	2,743,117.99	36.28253700	-107.76538500
700.00	0.00	0.000	700.00	0.00	0.00	1,922,149.79	2,743,117.99	36.28253700	-107.76538500
800.00	0.00	0.000	800.00	0.00	0.00	1,922,149.79	2,743,117.99	36.28253700	-107.76538500
831.00	0.00	0.000	831.00	0.00	0.00	1,922,149.79	2,743,117.99	36.28253700	-107.76538500
Ojo Alan	no								
900.00	0.00	0.000	900.00	0.00	0.00	1,922,149.79	2,743,117.99	36.28253700	-107.76538500
956.00	0.00	0.000	956.00	0.00	0.00	1,922,149.79	2,743,117.99	36.28253700	-107.76538500
Kirtland									
1,000.00	0.00	0.000	1,000.00	0.00	0.00	1,922,149.79	2,743,117.99	36.28253700	-107.76538500
1,100.00	0.00	0.000	1,100.00	0.00	0.00	1,922,149.79	2,743,117.99	36.28253700	-107.76538500
1,200.00	0.00	0.000	1,200.00	0.00	0.00	1,922,149.79	2,743,117.99	36.28253700	-107.76538500
1,246.00	0.00	0.000	1,246.00	0.00	0.00	1,922,149.79	2,743,117.99	36.28253700	-107.76538500
Fruitland		0.000	4 000 00	0.00	0.00	4 000 4 40 70	0 740 447 00	00 00050700	407 70500500
1,300.00	0.00	0.000	1,300.00	0.00	0.00	1,922,149.79 1,922,149.79	2,743,117.99	36.28253700	-107.76538500
1,400.00 1,500.00	0.00 0.00	0.000 0.000	1,400.00 1,500.00	0.00	0.00	1,922,149.79	2,743,117.99 2,743,117.99	36.28253700 36.28253700	-107.76538500 -107.76538500
	gin 3°/100' bui		1,500.00	0.00	0.00	1,922,149.79	2,743,117.55	30.20233700	-107.70330300
1,591.04	2.73	21.169	1,591.01	2.02	0.78	1,922,151.81	2,743,118.78	36.28254256	-107.76538234
Pictured		211100	1,001101	2.02	0110	1,022,101101	2,1 10,110110	0012020 1200	10111 0000201
1,600.00	3.00	21.169	1,599.95	2.44	0.95	1,922,152.23	2,743,118.94	36.28254370	-107.76538179
1,700.00	6.00	21.169	1,699.63	9.76	3.78	1,922,159.54	2,743,121.77	36.28256379	-107.76537216
1,701.41	6.04	21.169	1,701.04	9.89	3.83	1,922,159.68	2,743,121.83	36.28256417	-107.76537198
Lewis									
1,800.00	9.00	21.169	1,798.77	21.93	8.49	1,922,171.71	2,743,126.49	36.28259722	-107.76535614
1,868.13	11.04	21.169	1,865.86	32.98	12.77	1,922,182.77	2,743,130.77	36.28262758	-107.76534159
-	1.04° tangent								
1,900.00	11.04	21.169	1,897.13	38.68	14.98	1,922,188.46	2,743,132.97	36.28264322	-107.76533410
2,000.00	11.04	21.169	1,995.28	56.54	21.89	1,922,206.33	2,743,139.89	36.28269227	-107.76531058
2,006.04	11.04	21.169	2,001.21	57.62	22.31	1,922,207.41	2,743,140.31	36.28269524	-107.76530916
Chacra_		04 400	0.000.10	74.40	00.04	4 000 004 40	0 740 440 04	00 0007 (100	407 70500707
2,100.00	11.04	21.169	2,093.43	74.40	28.81	1,922,224.19	2,743,146.81	36.28274133	-107.76528707
2,200.00 2,300.00	11.04 11.04	21.169 21.169	2,191.58 2,289.73	92.27	35.73 42.65	1,922,242.05 1,922,259.92	2,743,153.72	36.28279039 36.28283945	-107.76526355 -107.76524004
and the second se			and the formation of the second s	110.13	42.65	and the second	2,743,160.64		-107.76521653
2,400.00 2,500.00	11.04 11.04	21.169 21.169	2,387.87 2,486.02	127.99 145.86	56.48	1,922,277.78 1,922,295.64	2,743,167.56 2,743,174.48	36.28288851 36.28293757	-107.76519301
2,600.00	11.04	21.169	2,584.17	163.72	63.40	1,922,313.51	2,743,181.40	36.28298663	-107.76516950
2,700.00		21.169	2,682.32	181.58	70.32	1,922,331.37	2,743,188.31	36.28303569	-107.76514598
2,800.00	11.04	21.169	2,780.47	199.45	77.24	1,922,349.24	2,743,195.23	36.28308475	-107.76512247
2,900.00	11.04	21.169	2,878.61	217.31	84.15	1,922,367.10	2,743,202.15	36.28313381	-107.76509895
3,000.00		21.169	2,976.76	235.18	91.07	1,922,384.96	2,743,209.07	36.28318287	-107.76507544
3,100.00	11.04	21.169	3,074.91	253.04	97.99	1,922,402.83	2,743,215.98	36.28323192	-107.76505193
3,117.34	11.04	21.169	3,091.93	256.14	99.19	1,922,405.92	2,743,217.18	36.28324043	-107.76504785
Cliff Hou	use_Basal								
3,147.92		21.169	3,121.95	261.60	101.31	1,922,411.39	2,743,219.30	36.28325544	-107.76504066
Menefee	1								

4/12/2024 12:51:45PM



Database: Company:	DT_Mar1724_v17 Enduring Resources LLC	Local Co-ordinate Reference: TVD Reference:	Well Nageezi Unit 217H 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 217H	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
2 200 00			2 172 06			1 022 420 60	0 740 000 00		-
3,200.00 3,300.00	11.04 11.04	21.169 21.169	3,173.06 3,271.21	270.90 288.77	104.91 111.83	1,922,420.69 1,922,438.55	2,743,222.90 2,743,229.82	36.28328098 36.28333004	-107.76502841 -107.76500490
3,400.00	11.04	21.169	3,369.35	306.63	118.74	1,922,456.42	2,743,229.02	36.28337910	-107.76498138
3,500.00	11.04	21.169	3,467.50	324.49	125.66	1,922,474.28	2,743,243.65	36.28342816	-107.76495787
3,600.00	11.04	21.169	3,565.65	342.36	132.58	1,922,492.14	2,743,250.57	36.28347722	-107.76493435
3,700.00	11.04	21.169	3,663.80	360.22	139.50	1,922,510.01	2,743,257.49	36.28352628	-107.76491084
3,800.00	11.04	21.169	3,761.95	378.08	146.41	1,922,527.87	2,743,264.41	36.28357534	-107.76488732
3,900.00	11.04	21.169	3,860.10	395.95	153.33	1,922,545.74	2,743,271.33	36.28362440	-107.76486381
4,000.00	11.04	21.169	3,958.24	413.81	160.25	1,922,563.60	2,743,278.24	36.28367346	-107.76484029
4,100.00	11.04	21.169	4,056.39	431.68	167.17	1,922,581.46	2,743,285.16	36.28372251	-107.76481678
4,104.25	11.04	21.169	4,060.57	432.44	167.46	1,922,582.22	2,743,285.45	36.28372460	-107.76481578
Point Lo 4,179.22	okout 11.04	21.169	4,134.14	445.83	172.65	1,922,595.61	2,743,290.64	36.28376138	-107.76479815
	/100' drop					.,,			
4,200.00	10.42	21.169	4,154.56	449.44	174.04	1,922,599.22	2,743,292.04	36.28377129	-107.76479340
4,300.00	7.42	21.169	4,253.34	463.89	179.64	1,922,613.68	2,743,297.64	36.28381100	-107.76477437
4,309.42	7.14	21.169	4,262.68	465.01	180.07	1,922,614.79	2,743,298.07	36.28381405	-107.76477290
Mancos									
4,400.00	4.42	21.169	4,352.79	473.51	183.37	1,922,623.30	2,743,301.36	36.28383741	-107.76476171
4.500.00	1.42	21.169	4,452.65	478.26	185.21	1,922,628.05	2,743,303.20	36.28385046	-107.76475546
4,547.35	0.00	0.000	4,500.00	478.81	185.42	1,922,628.60	2,743,303.41	36.28385196	-107.76475474
1 10 10 10 10 10 10 10 10 10 10 10 10 10	ertical hold								
4,600.00	0.00	0.000	4,552.65	478.81	185.42	1,922,628.60	2,743,303.41	36.28385196	-107.76475474
4,668.09	0.00	0.000	4,620.73	478.81	185.42	1,922,628.60	2,743,303.41	36.28385196	-107.76475474
MNCS A									
4,700.00	0.00	0.000	4,652.65	478.81	185.42	1,922,628.60	2,743,303.41	36.28385196	-107.76475474
4,751.09	0.00	0.000	4,703.73	478.81	185.42	1,922,628.60	2,743,303.41	36.28385196	-107.76475474
MNCS_E	3								
4,804.93	0.00	0.000	4,757.58	478.81	185.42	1,922,628.60	2,743,303.41	36.28385196	-107.76475474
Begin 10	°/100' build								
4,850.00	4.51	133.010	4,802.60	477.60	186.72	1,922,627.39	2,743,304.71	36.28384864	-107.76475034
4,855.13	5.02	133.010	4,807.71	477.31	187.03	1,922,627.10	2,743,305.02	36.28384784	-107.76474929
MNCS_C	;								
4,900.00	9.51	133.010	4,852.21	473.44	191.17	1,922,623.23	2,743,309.17	36.28383720	-107.76473522
4,902.48	9.75	133.010	4,854.66	473.16	191.48	1,922,622.95	2,743,309.47	36.28383643	-107.76473420
MNCS_C	ms								
4,950.00	14.51	133.010	4,901.10	466.35	198.78	1,922,616.14	2,743,316.77	36.28381770	-107.76470944
5,000.00	19.51	133.010	4,948.90	456.38	209.47	1,922,606.16	2,743,327.46	36.28379029	-107.76467319
5,026.16	22.12	133.010	4,973.35	450.04	216.26	1,922,599.82	2,743,334.26	36.28377286	-107.76465015
MNCS_E)								
5,050.00	24.51	133.010	4,995.24	443.60	223.16	1,922,593.39	2,743,341.16	36.28375516	-107.76462675
5,100.00	29.51	133.010	5,039.78	428.12	239.76	1,922,577.90	2,743,357.75	36.28371260	-107.76457048
5,149.58	34.47	133.010	5,081.82	410.21	258.96	1,922,559.99	2,743,376.96	36.28366336	-107.76450537
MNCS_E									
5,150.00	34.51	133.010	5,082.16	410.05	259.13	1,922,559.83	2,743,377.13	36.28366292	-107.76450479
5,200.00	39.51	133.010	5,122.08	389.52	281.13	1,922,539.31	2,743,399.13	36.28360650	-107.76443019
5,239.01	43.41	133.010	5,151.31	371.91	300.02	1,922,521.70	2,743,418.01	36.28355807	-107.76436617
MNCS_F									
5,250.00	44.51	133.010	5,159.22	366.71	305.59	1,922,516.49	2,743,423.59	36.28354377	-107.76434726
5,300.00	49.51	133.010	5,193.31	341.77	332.33	1,922,491.56	2,743,450.32	36.28347521	-107.76425661
5,350.00	54.51	133.010	5,224.07	314.90	361.13	1,922,464.69	2,743,479.13	36.28340134	-107.76415894
5,357.69	55.28	133.010	5,228.50	310.61	365.73	1,922,460.39	2,743,483.72	36.28338955	-107.76414335
MNCS_C	6								

4/12/2024 12:51:45PM



Database: Company:	DT_Mar1724_v17 Enduring Resources LLC	Local Co-ordinate Reference: TVD Reference:	Well Nageezi Unit 217H RKB=6826+25 @ 6851.00ft
Project: Site:	San Juan County, New Mexico NAD83 NM W Nageezi Unit (213, 214, 215, 216, 217 & 218)	MD Reference: North Reference:	RKB=6826+25 @ 6851.00ft Grid
Well:	Nageezi Unit 217H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Original Hole		
Design:	rev0		

Planned Survey

5.400.00 59.51 133.010 5.251.29 286.30 391.79 1.922.411.46 2.743,509.78 38.2832502 -107.7639654 MNCS, H 5.450.00 6.451 133.010 5.270.84 2261.68 418.19 1.922.411.46 2.743,508.18 38.2832502 -107.76394654 5.450.00 6.451 133.010 5.276.59 266.19 424.06 1.922.371.44 2.743,501.06 36.2831496 -107.76334657 5.500.00 7.451 133.010 5.309.72 192.38 492.47 1.922.336.77 2.743,610.46 36.28304968 -107.76393467 5.500.00 7.451 133.010 5.309.72 192.38 492.47 1.922.307.77 2.743,640.63 36.28294096 -107.76393687 5.600.00 7.811 133.010 5.321.83 155.85 531.63 1.922.271.81 2.743,640.63 36.28297318 -107.763946315 5.700.00 9.51 133.011 5.320.92 153.45 634.28 1.922.271.81 2.743,784.60 36.282976781 -107.763946315	Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
5,441 07 63.61 133.010 5,270.84 261.68 418.19 1,922,411.46 2,743,536.18 36.28325002 -107.7639654 MK05.J 5,050.00 84.51 133.010 5,278.59 221.65 424.06 1,922,371.44 2,743,579.08 36.28323996 -107.76394594 FOE g \$564,93 M0 \$252588 HVD E	E 400.00			E 0E1 00			1 000 406 00	2 742 500 70		-
MICS_H NuCS_SH Section Section <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>										
5450.0 64.51 133.010 5,274.75 256.19 424.06 1,922,405.98 2,743,579.08 36.28324966 -107.76394267 5,560.00 74.51 133.010 5,309.72 192.38 492.47 1,922,342.17 2,743,610.46 36.28304498 -107.76392087 5,556.00 74.51 133.010 5,309.72 192.38 492.47 2,743,610.46 36.28304498 -107.7639298 MNCS_J 5 530.00 79.51 133.010 5,320.96 159.16 528.09 1,922,305.42 2,743,640.8 36.28296409 -107.76359288 5,600.00 79.51 133.011 5,320.96 159.16 528.09 1,922,305.42 2,743,746.08 36.28296409 -107.76359288 5,600.00 84.51 133.011 5,330.51 84.45 608.16 1,922,205.18 2,743,746.16 36.2826765 -107.76334633 5,710.10 90.52 133.011 5,327.90 113.22 2,713,281 2,743,786.13 36.28241170 -107.76334633 5,800.00 90.52			100.010	0,270.04	201.00	410.15	1,022,411.40	2,740,000.10	00.20020002	107.10000040
5.04.43 70.00 133.010 5.295.98 221.65 461.09 1.922.371.44 2.743.679.08 36.28314499 -107.763200 PDE @ 5054.31 MD 555.98 TVD 133.010 5.311.85 133.010 5.309.72 192.38 492.47 1.922.342.17 2.743.610.46 36.28304968 -107.7637136 5.560.00 79.51 133.010 5.320.96 159.16 528.09 1.922.306.42 2.743.646.08 36.28297318 -107.7635908 5.600.00 79.51 133.011 5.320.96 159.16 528.09 1.922.306.42 2.743.646.08 36.28297675 -107.7635908 7.1000 89.51 133.011 5.330.52 91.34 600.78 1.922.241.13 2.743.791.87 36.2827675 -107.76334633 5.700.00 90.52 133.011 5.327.00 23.13 673.90 1.922.172.92 2.743.791.89 36.2825923 -107.7639461 5.900.00 90.52 133.011 5.327.00 -113.29 820.14 1.922.045.02 2.744.971.89 36.28259421 -107.7623646			133.010	5.274.75	256.19	424.06	1.922.405.98	2.743.542.06	36,28323996	-107,76394556
5.550.00 74.51 133.010 5.309.72 192.38 492.47 1.922.342.17 2.743.610.46 36.28304452 -107.76371367 5.558.20 75.33 133.010 5.311.85 186.98 499.26 1.922.336.77 2.743.610.26 36.28304498 -107.76359284 5.604.03 90.51 133.010 5.321.83 155.55 531.63 1.922.305.44 2.743.640.08 36.2828036 -107.76359284 5.650.00 84.51 133.011 5.327.91 125.39 564.28 1.922.275.18 2.743.649.83 36.2827675 -107.7633463 5.700.00 89.51 133.011 5.330.51 84.45 608.16 1.922.241.13 2.743.718.77 36.28276781 -107.7633463 5.700.00 90.52 133.011 5.327.90 -23.13 673.90 1.922.743.718.77 2.743.718.77 36.28259823 -107.7633463 5.600.00 90.52 133.011 5.327.90 -113.29 820.14 1.922.704.71 2.743.918.13 36.28259823 -107.76234665 6.000.00										-107.76382001
5.550.00 74.51 133.010 5.309.72 192.38 492.47 1.922.342.17 2.743.610.46 36.28304452 -107.76371367 5.558.20 75.33 133.010 5.311.85 186.98 499.26 1.922.336.77 2.743.610.26 36.28304498 -107.76359284 5.604.03 90.51 133.010 5.321.83 155.55 531.63 1.922.305.44 2.743.640.08 36.2828036 -107.76359284 5.650.00 84.51 133.011 5.327.91 125.39 564.28 1.922.275.18 2.743.649.83 36.2827675 -107.7633463 5.700.00 89.51 133.011 5.330.51 84.45 608.16 1.922.241.13 2.743.718.77 36.28276781 -107.7633463 5.700.00 90.52 133.011 5.327.90 -23.13 673.90 1.922.743.718.77 2.743.718.77 36.28259823 -107.7633463 5.600.00 90.52 133.011 5.327.90 -113.29 820.14 1.922.704.71 2.743.918.13 36.28259823 -107.76234665 6.000.00	POE @ S	5504.93 MD 52	95.98 TVD							
MNCS_I Sec. <				5,309.72	192.38	492.47	1,922,342.17	2,743,610.46	36.28306452	-107.76371361
5,600.00 79.51 133.010 5.320.86 159.16 528.09 1,922.305.64 2,743.644.08 36.28297318 -107.76358083 7 Intermediate Casing -	5,558.20	75.33	133.010	5,311.85	186.98	498.26	1,922,336.77	2,743,616.25	36.28304968	-107.76369399
5,604.93 80.00 133.010 5,321.83 155.85 531.63 1,922,305.64 2,743,649.63 36.28296409 -107.76358083 7" Intermediate Casing	MNCS_I									
7" Intermediate Casing 5,650.00 84.51 133.011 5,327.91 125.39 564.28 1,922,275.18 2,743,682.27 36.2828036 -107.76347013 5,700.00 89.51 133.011 5,330.52 91.34 600.78 1,922,241.13 2,743,718.77 36.28276751 -107.76334633 5,710.10 90.52 133.011 5,330.51 84.45 608.16 1,922,241.21 2,743,728.16 36.28276761 -107.7630944 5,800.00 90.52 133.011 5,329.70 23.13 673.90 1,922,147.12 2,743,986.10 38.282241170 -107.76309644 5,800.00 90.52 133.011 5,327.90 -181.50 893.28 1,922,036.50 2,743,986.10 38.2822418 -107.76260264 6,000.00 90.52 133.011 5,325.10 -249.71 966.38 1,921,960.82 2,744,081.37 36.28184912 -107.76185084 6,400.00 90.52 133.011 5,322.49 -452.55 1,258.86 1,921,893.45 2,744,484.37 36.281646160 -107.761450807	1.2.7800 CONTRACTOR									-107.76359285
5,650.00 84,51 133.011 5,327.91 125.39 564.28 1,922.275.18 2,743,718.77 36.28278075 -107.78347013 5,710.10 90.52 133.011 5,330.52 91.34 600.78 1,922.241.13 2,743,718.77 36.28278075 -107.78334033 Begin 90.52* 133.011 5,329.70 23.13 673.90 1,922.172.92 2,743,791.89 36.28259923 -107.7832037 6,000.00 90.52 133.011 5,329.70 -131.29 820.14 1,922.010.71 2,743,981.33 36.282241170 -107.78280266 6,100.00 90.52 133.011 5,329.70 -113.29 820.14 1,922.108.50 2,744,011.25 36.282241170 -107.78280266 6,100.00 90.52 133.011 5,326.10 -249.71 966.38 1,921,900.88 2,744,011.27.44 36.28164101 -107.76180302 6,400.00 90.52 133.011 5,322.49 -522.55 1,281.81 2,744,306.85 36.2810991 -107.7611050 6,600.00 90.52 133.011<	2			5,321.83	155.85	531.63	1,922,305.64	2,743,649.63	36.28296409	-107.76358083
5,700.00 89,51 133.011 5,330.52 91.34 600.78 1,922,241.13 2,743,718.77 36,28276675 -107,76334633 5,710.10 90.52 133.011 5,330.51 84.45 608.16 1,922,241.24 2,743,726.16 36,28276781 -107,76334633 5,800.00 90.52 133.011 5,329.70 23.13 673.90 1,922,172.92 2,743,791.89 36,28259923 -107,76309844 5,900.00 90.52 133.011 5,327.90 -113.29 820.14 1,922,085.00 2,743,981.33 36,2822418 -107,7620626 6,000.00 90.52 133.011 5,327.90 -181.50 893.26 1,921,900.08 2,744,081.37 36,281641912 -107,76216761 6,300.00 90.52 133.011 5,324.29 -366.13 1,112.62 1,921,891.87 2,744,174.93 36,28166160 -107,76165686 6,400.00 90.52 133.011 5,324.29 -580.61 1,921,696.45 2,744,303.73 6,28147407 -107,76161603 6,600.00 90.52		12	-							
5,710.10 90.52 133.011 5,330.51 84.45 608.16 1,922,234.24 2,743,726.16 36.28276781 -107.76332133 Begin 90.52* 133.011 5,328.00 45.08 747.02 1,922,172.92 2,743,791.89 36.28259923 -107.76309844 5,900.00 90.52 133.011 5,327.90 -113.29 820.14 1,922,036.50 2,744,938.13 36.28222118 -107.76235466 6,100.00 90.52 133.011 5,327.00 -181.50 893.26 1,921,988.29 2,744,011.25 36.28203665 -107.76235466 6,200.00 90.52 133.011 5,326.10 -249.71 966.38 1,921,981.87 2,744,014.37 36.2814912 -107.7615886 6,400.00 90.52 133.011 5,322.39 -454.34 1,185.74 1,921,893.87 2,744,493.73 36.28128664 -107.7618588 6,400.00 90.52 133.011 5,322.39 -454.34 1,857.4 1,921,859.02 2,744,493.73 36.28128664 -107.76185087 6,600.00 90.5	and the second second									the first of the second s
Begin 90.52° lateral 5,800.00 90.52 133.011 5,329.70 23.13 673.90 1,922,172.92 2,743,791.89 36.28259923 -107.76309644 5,900.00 90.52 133.011 5,329.70 -113.29 820.14 1,922,036.50 2,743,938.13 36.2822418 -107.76282605 6,000.00 90.52 133.011 5,327.00 -113.29 820.14 1,922,908.50 2,744,011.25 36.2822418 -107.76260260 6,200.00 90.52 133.011 5,327.00 -181.50 893.26 1,921,988.29 2,744,011.25 36.28184912 -107.76210677 6,300.00 90.52 133.011 5,322.49 -386.13 1,112.62 1,921,983.187 2,744,913.43 36.28147407 -107.76185082 6,600.00 90.52 133.011 5,322.49 -522.55 1,58.86 1,921,92.90 2,744,493.65 36.28194912 -107.76018024 6,800.00 90.52 133.011 5,319.78 -727.19 1,478.21 1,921,422.60 2,744,444.969.33 36.28053462 -107.7601733 </td <td></td>										
5.800.00 90.52 133.011 5.329.70 23.13 673.90 1.922.172.92 2.743,781.89 36.28259923 -107.76309644 5.900.00 90.52 133.011 5.328.80 45.08 747.02 1.922.104.71 2.743,865.01 36.2822148 -107.76280565 6.000.00 90.52 133.011 5.327.90 -113.29 820.14 1.922.036.50 2.743,981.31 36.28222418 -107.76280565 6.200.00 90.52 133.011 5.325.19 -317.92 1.039.50 1.921,900.08 2.744,084.37 36.2814912 -107.7618588 6.400.00 90.52 133.011 5.322.19 -386.13 1.112.62 1.921,685.45 2.744,376.45 36.2814407 -107.7618588 6.600.00 90.52 133.011 5.322.49 -522.55 1.258.66 1.921,695.45 2.744,376.85 36.2817407 -107.7618508 6.600.00 90.52 133.011 5.322.49 -522.55 1.258.66 1.921,695.45 2.744,376.85 36.2807395 -107.76087513 6.600.00 90.52 133.011 5.319.78 -727.19 1.478.21 1.92			133.011	5,550.51	04.45	000.10	1,922,234.24	2,743,720.10	30.20270701	-107.70332133
5,900.00 90.52 133.011 5,328.80 -45.08 747.02 1,922,104.71 2,743,865.01 36.282214170 -107.7628056 6,000.00 90.52 133.011 5,327.90 -113.29 820.14 1,922,036.50 2,744,938.13 36.28222418 -107.76280266 6,000.00 90.52 133.011 5,326.10 -249.71 966.38 1,921,900.82 2,744,084.37 36.28184912 -107.76216077 6,300.00 90.52 133.011 5,325.19 -317.92 1,039.50 1,921,685.45 2,744,084.37 36.28184912 -107.7618688 6,400.00 90.52 133.011 5,323.39 -454.34 1,185.74 1,921,695.45 2,744,303.61 36.28128654 -107.76186302 6,600.00 90.52 133.011 5,322.49 -522.55 1,258.86 1,921,697.23 2,744,376.85 36.28109901 -107.760161922 6,600.00 90.52 133.011 5,317.88 -727.19 1,478.21 1,921,490.81 2,744,569.31 36.28072395 -107.76026142	-		133.011	5 329 70	23.13	673.90	1 922 172 92	2 743 791 89	36 28259923	-107 76309845
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8,400.00 90.52 133.011 5,306.25 -1,750.35 2,575.01 1,920,399.44 2,745,693.00 36.27772341 -107.75665286 8,500.00 90.52 133.011 5,305.35 -1,818.56 2,648.13 1,920,331.23 2,745,766.12 36.27753587 -107.75640496 8,600.00 90.52 133.011 5,304.45 -1,886.77 2,721.25 1,920,263.02 2,745,839.24 36.27734833 -107.75615707	and the second second second									-107.75714864
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8,600.00 90.52 133.011 5,304.45 -1,886.77 2,721.25 1,920,263.02 2,745,839.24 36.27734833 -107.75615707	8,400.00	90.52	133.011	5,306.25	-1,750.35		1,920,399.44		36.27772341	-107.75665286
	8,500.00	90.52		5,305.35	-1,818.56	2,648.13	1,920,331.23	2,745,766.12	36.27753587	-107.75640496
8,700.00 90.52 133.011 5,303.55 -1,954.98 2,794.37 1,920,194.81 2,745,912.36 36.27716079 -107.75590918										-107.75615707
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										-107.75566130
	Vision The common researching									-107.75541341 -107.75516552
										-107.75491764
										-107.75466976
										-107.75442188
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9,500.00 90.52 133.011 5,296.33 -2,500.67 3,379.32 1,919,649.13 2,746,497.31 36.27566046 -107.75392612	9,500.00	90.52	133.011	5,296.33	-2,500.67	3,379.32	1,919,649.13	2,746,497.31	36.27566046	-107.75392612

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COMPASS 5000.17 Build 02



Database: Company:	DT_Mar1724_v17 Enduring Resources LLC	Local Co-ordinate Reference: TVD Reference:	Well Nageezi Unit 217H RKB=6826+25 @ 6851.00ft
Project:	San Juan County, New Mexico NAD83 NM W	MD Reference:	RKB=6826+25 @ 6851.00ft
Site: Well:	Nageezi Unit (213, 214, 215, 216, 217 & 218) Nageezi Unit 217H	North Reference: Survey Calculation Method:	Grid 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
									-
9,600.00 9,700.00	90.52 90.52	133.011 133.011	5,295.43 5,294.53	-2,568.88 -2,637.09	3,452.44 3,525.56	1,919,580.91 1,919,512.70	2,746,570.43 2,746,643.55	36.27547291 36.27528537	-107.75367824 -107.75343036
9,800.00	90.52	133.011	5,294.55	-2,705.30	3,598.68	1,919,444.49	2,746,716.67	36.27509782	-107.75318248
9,900.00	90.52	133.011	5,292.72	-2,773.51	3,671.80	1,919,376.28	2,746,789.79	36.27491028	-107.75293461
10,000.00	90.52	133.011	5,291.82	-2,841.72	3,744.92	1,919,308.07	2,746,862.91	36.27472273	-107.75268674
10,100.00	90.52	133.011	5,290.92	-2,909.93	3,818.04	1,919,239.86	2,746,936.03	36.27453518	-107.75243886
10,200.00	90.52	133.011	5,290.02	-2,978.14	3,891.16	1,919,171.65	2,747,009.15	36.27434764	-107.75219099
10,300.00	90.52	133.011	5,289.11	-3,046.35	3,964.28	1,919,103.44	2,747,082.27	36.27416009	-107.75194312
10,400.00	90.52	133.011	5,288.21	-3,114.56	4,037.40	1,919,035.23	2,747,155.39	36.27397254	-107.75169525
10,500.00	90.52	133.011	5,287.31	-3,182.78	4,110.52	1,918,967.02	2,747,228.51	36.27378499	-107.75144739
10,600.00	90.52 90.52	133.011 133.011	5,286.41 5,285.51	-3,250.99 -3,319.20	4,183.64 4,256.76	1,918,898.81	2,747,301.63 2,747,374.74	36.27359744 36.27340989	-107.75119952 -107.75095165
10,700.00	90.52	133.011	5,285.51	-3,319.20	4,230.76	1,918,830.60 1,918,762.39	2,747,374.74	36.27322234	-107.75070379
10,900.00	90.52	133.011	5,283.70	-3,455.62	4,403.00	1,918,694.18	2,747,520.98	36.27303479	-107.75045593
11,000.00	90.52	133.011	5,282.80	-3,523.83	4,476.12	1,918,625.97	2,747,594.10	36.27284724	-107.75020807
11,100.00	90.52	133.011	5,281.90	-3,592.04	4,549.24	1,918,557.75	2,747,667.22	36.27265969	-107.74996021
11,200.00	90.52	133.011	5,281.00	-3,660.25	4,622.36	1,918,489.54	2,747,740.34	36.27247214	-107.74971235
11,300.00	90.52	133.011	5,280.09	-3,728.46	4,695.48	1,918,421.33	2,747,813.46	36.27228458	-107.74946449
11,400.00	90.52	133.011	5,279.19	-3,796.67	4,768.60	1,918,353.12	2,747,886.58	36.27209703	-107.74921663
11,500.00	90.52	133.011	5,278.29	-3,864.88	4,841.72	1,918,284.91	2,747,959.70	36.27190948	-107.74896878
11,600.00	90.52	133.011	5,277.39	-3,933.09	4,914.84	1,918,216.70	2,748,032.82	36.27172192	-107.74872092
11,700.00	90.52	133.011	5,276.49	-4,001.30	4,987.95	1,918,148.49	2,748,105.94	36.27153437	-107.74847307
11,800.00 11,900.00	90.52 90.52	133.011 133.011	5,275.58 5,274.68	-4,069.52 -4,137.73	5,061.07 5,134.19	1,918,080.28 1,918,012.07	2,748,179.06 2,748,252.18	36.27134681 36.27115925	-107.74822521 -107.74797736
12,000.00	90.52	133.011	5,274.00	-4,137.73	5,134.19	1,917,943.86	2,748,325.30	36.27097170	-107.74797730
12,100.00	90.52	133.011	5,272.88	-4,274.15	5,280.43	1,917,875.65	2,748,398.42	36.27078414	-107.74748167
12,200.00	90.52	133.011	5,271.98	-4,342.36	5,353.55	1,917,807.44	2,748,471.54	36.27059658	-107.74723382
12,300.00	90.52	133.011	5,271.07	-4,410.57	5,426.67	1,917,739.23	2,748,544.66	36.27040903	-107.74698597
12,400.00	90.52	133.011	5,270.17	-4,478.78	5,499.79	1,917,671.02	2,748,617.77	36.27022147	-107.74673813
12,500.00	90.52	133.011	5,269.27	-4,546.99	5,572.91	1,917,602.81	2,748,690.89	36.27003391	-107.74649028
12,600.00	90.52	133.011	5,268.37	-4,615.20	5,646.03	1,917,534.59	2,748,764.01	36.26984635	-107.74624244
12,700.00	90.52	133.011	5,267.47	-4,683.41	5,719.15	1,917,466.38	2,748,837.13	36.26965879	-107.74599460
12,800.00	90.52	133.011	5,266.56	-4,751.62	5,792.27	1,917,398.17	2,748,910.25	36.26947123	-107.74574676
12,900.00	90.52	133.011	5,265.66	-4,819.83	5,865.39	1,917,329.96	2,748,983.37	36.26928367	-107.74549892
13,000.00 13,100.00	90.52 90.52	133.011 133.011	5,264.76 5,263.86	-4,888.05 -4,956.26	5,938.51 6,011.63	1,917,261.75 1,917,193.54	2,749,056.49 2,749,129.61	36.26909610 36.26890854	-107.74525108 -107.74500324
13,200.00	90.52	133.011	5,262.96	-4,930.20	6,084.75	1,917,125.33	2,749,202.73	36.26872098	-107.74475541
13,300.00	90.52	133.011	5,262.05	-5.092.68	6,157.87	1,917,057.12	2,749,275.85	36.26853342	-107.74450757
13,400.00	90.52	133.011	5,261.15	-5,160.89	6,230.99	1,916,988.91	2,749,348.97	36.26834585	-107.74425974
13,500.00	90.52	133.011	5,260.25	-5,229.10	6,304.11	1,916,920.70	2,749,422.09	36.26815829	-107.74401191
13,600.00	90.52	133.011	5,259.35	-5,297.31	6,377.23	1,916,852.49	2,749,495.21	36.26797072	-107.74376408
13,700.00	90.52	133.011	5,258.45	-5,365.52	6,450.35	1,916,784.28	2,749,568.33	36.26778316	-107.74351625
13,800.00	90.52	133.011	5,257.54	-5,433.73	6,523.47	1,916,716.07	2,749,641.45	36.26759559	-107.74326842
13,900.00	90.52	133.011	5,256.64	-5,501.94	6,596.59	1,916,647.86	2,749,714.57	36.26740802	-107.74302059
14,000.00	90.52	133.011	5,255.74	-5,570.15	6,669.71	1,916,579.65	2,749,787.69	36.26722046	-107.74277277
14,100.00	90.52	133.011	5,254.84	-5,638.36	6,742.82	1,916,511.43	2,749,860.81	36.26703289	-107.74252494
14,200.00 14,300.00	90.52 90.52	133.011 133.011	5,253.94 5,253.03	-5,706.57 -5,774.79	6,815.94 6,889.06	1,916,443.22 1,916,375.01	2,749,933.92 2,750,007.04	36.26684532 36.26665775	-107.74227712 -107.74202930
14,300.00	90.52	133.011	5,253.03	-5,843.00	6,962.18	1,916,306.80	2,750,080.16	36.26647018	-107.74178147
14,500.00	90.52	133.011	5,251.23	-5,911.21	7,035.30	1,916,238.59	2,750,153.28	36.26628262	-107.74153365
14,600.00	90.52	133.011	5,250.33	-5,979.42	7,108.42	1,916,170.38	2,750,226.40	36.26609505	-107.74128583
14,700.00	90.52	133.011	5,249.43	-6,047.63	7,181.54	1,916,102.17	2,750,299.52	36.26590747	-107.74103802
14,800.00	90.52	133.011	5,248.52	-6,115.84	7,254.66	1,916,033.96	2,750,372.64	36.26571990	-107.74079020
14,900.00	90.52	133.011	5,247.62	-6,184.05	7,327.78	1,915,965.75	2,750,445.76	36.26553233	-107.74054238
15,000.00	90.52	133.011	5,246.72	-6,252.26	7,400.90	1,915,897.54	2,750,518.88	36.26534476	-107.74029457

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COMPASS 5000.17 Build 02



Database:	DT_Mar1724_v17	Local Co-ordinate Reference:	Well Nageezi Unit 217H
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 217H	Survey Calculation Method:	Minimum Curvature
Wellbore: Design:	Original Hole 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
15,100.00	90.52	133.011	5,245.82	-6,320.47	7,474.02	1,915,829.33	2,750,592.00	36.26515719	-107.74004676
15,200.00	90.52	133.011	5,244.92	-6,388.68	7,547.14	1,915,761.12	2,750,665.12	36.26496961	-107.73979895
15,300.00	90.52	133.011	5,244.01	-6,456.89	7,620.26	1,915,692.91	2,750,738.24	36.26478204	-107.73955113
15,400.00	90.52	133.011	5,243.11	-6,525.10	7,693.38	1,915,624.70	2,750,811.36	36.26459447	-107.73930333
15,500.00	90.52	133.011	5,242.21	-6,593.32	7,766.50	1,915,556.49	2,750,884.48	36.26440689	-107.73905552
15,600.00	90.52	133.011	5,241.31	-6,661.53	7,839.62	1,915,488.27	2,750,957.60	36.26421932	-107.73880771
15,700.00	90.52	133.011	5,240.41	-6,729.74	7,912.74	1,915,420.06	2,751,030.72	36.26403174	-107.73855990
15,800.00	90.52	133.011	5,239.50	-6,797.95	7,985.86	1,915,351.85	2,751,103.84	36.26384416	-107.73831210
15,900.00	90.52	133.011	5,238.60	-6,866.16	8,058.98	1,915,283.64	2,751,176.96	36.26365659	-107.73806430
16,000.00	90.52	133.011	5,237.70	-6,934.37	8,132.10	1,915,215.43	2,751,250.07	36.26346901	-107.73781649
16,100.00	90.52	133.011	5,236.80	-7,002.58	8,205.22	1,915,147.22	2,751,323.19	36.26328143	-107.73756869
16,200.00	90.52	133.011	5,235.90	-7,070.79	8,278.34	1,915,079.01	2,751,396.31	36.26309385	-107.73732089
16,300.00	90.52	133.011	5,234.99	-7,139.00	8,351.46	1,915,010.80	2,751,469.43	36.26290628	-107.73707309
16,400.00	90.52	133.011	5,234.09	-7,207.21	8,424.58	1,914,942.59	2,751,542.55	36.26271870	-107.73682529
16,500.00	90.52	133.011	5,233.19	-7,275.42	8,497.69	1,914,874.38	2,751,615.67	36.26253112	-107.73657750
16,600.00	90.52	133.011	5,232.29	-7,343.63	8,570.81	1,914,806.17	2,751,688.79	36.26234354	-107.73632970
16,700.00	90.52	133.011	5,231.39	-7,411.84	8,643.93	1,914,737.96	2,751,761.91	36.26215596	-107.73608191
16,800.00	90.52	133.011	5,230.48	-7,480.06	8,717.05	1,914,669.75	2,751,835.03	36.26196837	-107.73583412
16,900.00	90.52	133.011	5,229.58	-7,548.27	8,790.17	1,914,601.54	2,751,908.15	36.26178079	-107.73558632
17,000.00	90.52	133.011	5,228.68	-7,616.48	8,863.29	1,914,533.33	2,751,981.27	36.26159321	-107.73533853
17,100.00	90.52	133.011	5,227.78	-7,684.69	8,936.41	1,914,465.11	2,752,054.39	36.26140563	-107.73509074
17,200.00	90.52	133.011	5,226.88	-7,752.90	9,009.53	1,914,396.90	2,752,127.51	36.26121804	-107.73484296
17,300.00	90.52	133.011	5,225.97	-7,821.11	9,082.65	1,914,328.69	2,752,200.63	36.26103046	-107.73459517
17,400.00	90.52	133.011	5,225.07	-7,889.32	9,155.77	1,914,260.48	2,752,273.75	36.26084287	-107.73434738
17,500.00	90.52	133.011	5,224.17	-7,957.53	9,228.89	1,914,192.27	2,752,346.87	36.26065529	-107.73409960
17,600.00	90.52	133.011	5,223.27	-8,025.74	9,302.01	1,914,124.06	2,752,419.99	36.26046770	-107.73385182
17,700.00	90.52	133.011	5,222.37	-8,093.95	9,375.13	1,914,055.85	2,752,493.11	36.26028012	-107.73360403
17,800.00	90.52	133.011	5,221.46	-8,162.16	9,448.25	1,913,987.64	2,752,566.22	36.26009253	-107.73335625
17,900.00	90.52	133.011	5,220.56	-8,230.37	9,521.37	1,913,919.43	2,752,639.34	36.25990494	-107.73310847
17,962.34	90.52	133.011	5,220.00	-8,272.90	9,566.95	1,913,876.91	2,752,684.93	36.25978800	-107.73295400
DDUU @	47062 24 MD	5000 00 TVD							

PBHL @ 17962.34 MD 5220.00 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 217H vert - plan hits target cer - Point	0.00 nter	0.000	4,500.00	478.81	185.42	1,922,628.60	2,743,303.41	36.28385196	-107.76475474
Nageezi 217H BHL 1373 - plan hits target cer - Point		0.000	5,220.00	-8,272.90	9,566.95	1,913,876.91	2,752,684.93	36.25978800	-107.73295400
Nageezi 217H PPP/POB - plan misses target - Point		0.000 ft at 5506.1	5,300.00 5ft MD (5296	221.66 .40 TVD, 220.	461.09 87 N, 461.93	1,922,371.44 E)	2,743,579.09	36.28314500	-107.76382000
Nageezi 217H 0 VS - plan misses target - Point	0.00 center by 118.	0.000 53ft at 5367	5,334.00 .74ft MD (52	348.51 34.15 TVD, 30	325.10)4.94 N, 371.8	1,922,498.30 31 E)	2,743,443.09	36.28349375	-107.76428112

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Planning Report - Geographic

Database:	DT_Mar1724_v17	Local Co-ordinate Reference:	Well Nageezi Unit 217H
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 217H	Survey Calculation Method:	Minimum Curvature
Vellbore:	Original Hole		
Design:	rev0		

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	
5,604.93	5,321.83	7" Intermediate Casing	7	8-1/2	

Formations

Jimations						
	Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
	831.00	831.00	Ojo Alamo		-0.52	133.010
	956.00	956.00	Kirtland		-0.52	133.010
	1,246.00	1,246.00	Fruitland		-0.52	133.010
	1,591.04	1,591.01	Pictured Cliffs		-0.52	133.010
	1,701.41	1,701.04	Lewis		-0.52	133.010
	2,006.04	2,001.21	Chacra_A		-0.52	133.010
	3,117.34	3,091.93	Cliff House_Basal		-0.52	133.010
	3,147.92	3,121.95	Menefee		-0.52	133.010
	4,104.25	4,060.57	Point Lookout		-0.52	133.010
	4,309.42	4,262.68	Mancos		-0.52	133.010
	4,668.09	4,620.73	MNCS_A		-0.52	133.010
	4,751.09	4,703.73	MNCS_B		-0.52	133.010
	4,855.13	4,807.71	MNCS_C		-0.52	133.010
	4,902.48	4,854.66	MNCS_Cms		-0.52	133.010
	5,026.16	4,973.35	MNCS_D		-0.52	133.010
	5,149.58	5,081.82	MNCS_E		-0.52	133.010
	5,239.01	5,151.31	MNCS_F		-0.52	133.010
	5,357.69	5,228.50	MNCS_G		-0.52	133.010
	5,441.07	5,270.84	MNCS_H		-0.52	133.010
	5,558.20	5,311.85	MNCS_I		-0.52	133.010

Plan	Anno	tations
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Measured	Vertical	Local Coordinates	dinates	
Depth (ft)	Depth (ft)	+N/-S (ft)	+E/-W (ft)	Comment
1,500.00	1,500.00	0.00	0.00	KOP Begin 3°/100' build
1,868.13	1,865.86	32.98	12.77	Begin 11.04° tangent
4,179.22	4,134.14	445.83	172.65	Begin 3°/100' drop
4,547.35	4,500.00	478.81	185.42	Begin vertical hold
4,804.93	4,757.58	478.81	185.42	Begin 10°/100' build
5,504.93	5,295.98	221.65	461.09	POE @ 5504.93 MD 5295.98 TVD
5,710.10	5,330.51	84.45	608.16	Begin 90.52° lateral
17,962.34	5,220.00	-8,272.90	9,566.95	PBHL @ 17962.34 MD 5220.00 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

Operator:	OGRID:
DJR OPERATING, LLC	371838
200 Energy Court	Action Number:
Farmington, NM 87401	334009
	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

Action 334009

CONDITIONS

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