

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Enduring Resources IV LLC. 200 Energy Court Farmington NM 87401		² OGRID Number 372286	
		³ Reason for Filing Code/ Effective Date RT	
⁴ API Number 30-045-35821	⁵ Pool Name LYBROOK MANCOS W		⁶ Pool Code 98157
⁷ Property Code 332891	⁸ Property Name GREATER LYBROOK UNIT		⁹ Well Number #794H

II. ¹⁰ Surface Location

UL or lot no. C	Section 28	Township 23N	Range 9W	Lot Idn	Feet from the 181'	North/South Line North	Feet from the 2397'	East/West line West	County San Juan
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¹¹ Bottom Hole Location

UL or lot no. A	Section 20	Township 23N	Range 9W	Lot Idn	Feet from the 246'	North/South line North	Feet from the 1281'	East/West line East	County San Juan
¹² Lse Code F	¹³ Producing Method Code		¹⁴ Gas Connection Date 8/23/2022		¹⁵ C-129 Permit Number		¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
248440	WESTERN REFINING COMPANY, LLC	O
373888	HARVEST FOUR CORNERS. LLC	G

IV. Well Completion Data

²¹ Spud Date 3/27/2022	²² Ready Date 8/23/2022	²³ TD 10797' MD 4077' TVD	²⁴ PBDT 10684' MD 4074' TVD	²⁵ Perforations ~ 4456' - 10670' MD ~ 3997'-4073' TVD	²⁶ DHC, MC R-14051	
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set		³⁰ Sacks Cement
17-1/2"		13-3/8",54.5#, J-55		387' MD		350 sx - surface
12-1/4"		9-5/8",36#, J-55		2470' MD		573 sx- surface
8-1/2"		5-1/2",20#, P-110		10797' MD		2882 sx- surface

V. Well Test Data

³¹ Date New Oil	³² Gas Delivery Date	³³ Test Date	³⁴ Test Length	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
³⁷ Choke Size	³⁸ Oil	³⁹ Water	⁴⁰ Gas		⁴¹ Test Method

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature:  Printed name: Kayla White Title: Environmental Engineer E-mail Address: KWhite@cdhconsult.com Date: 7/20/2022	Phone: 720-768-3575	OIL CONSERVATION DIVISION Approved by: John Garcia Title: Petroleum Engineer Approval Date: 8/23/2022 RT expires 11/21/2022
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ENDURING RESOURCES IV LLC

July 20, 2022

Re: GREATER LYBROOK UNIT 794H-30-045-35821

Pursuant to NMOCD rule 19.15.7.16(C) request is herein made to keep all data and accompanying attachments contained in form C-105 confidential.

Sincerely,

A handwritten signature in blue ink, appearing to read "Heather Huntington".

Heather Huntington
Permitting Technician
Enduring Resources, LLC.
hhuntington@enduringresources.com

District II
811 S. First Street, Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

District IV
1220 S. St. Francis Drive, Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

Submit one copy to
Appropriate District Office

OIL CONSERVATION DIVISION

1220 South St. Francis Drive
Santa Fe, NM 87505

☐ AMENDED REPORT

AS-DRILLED WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-35821	² Pool Code 98157	³ Pool Name LYBROOK MANCOS W
⁴ Property Code 332891	⁵ Property Name GREATER LYBROOK UNIT	⁶ Well Number 794H
⁷ GRID No. 372286	⁸ Operator Name ENDURING RESOURCES, LLC	⁹ Elevation 6534'

¹⁰ Surface Location

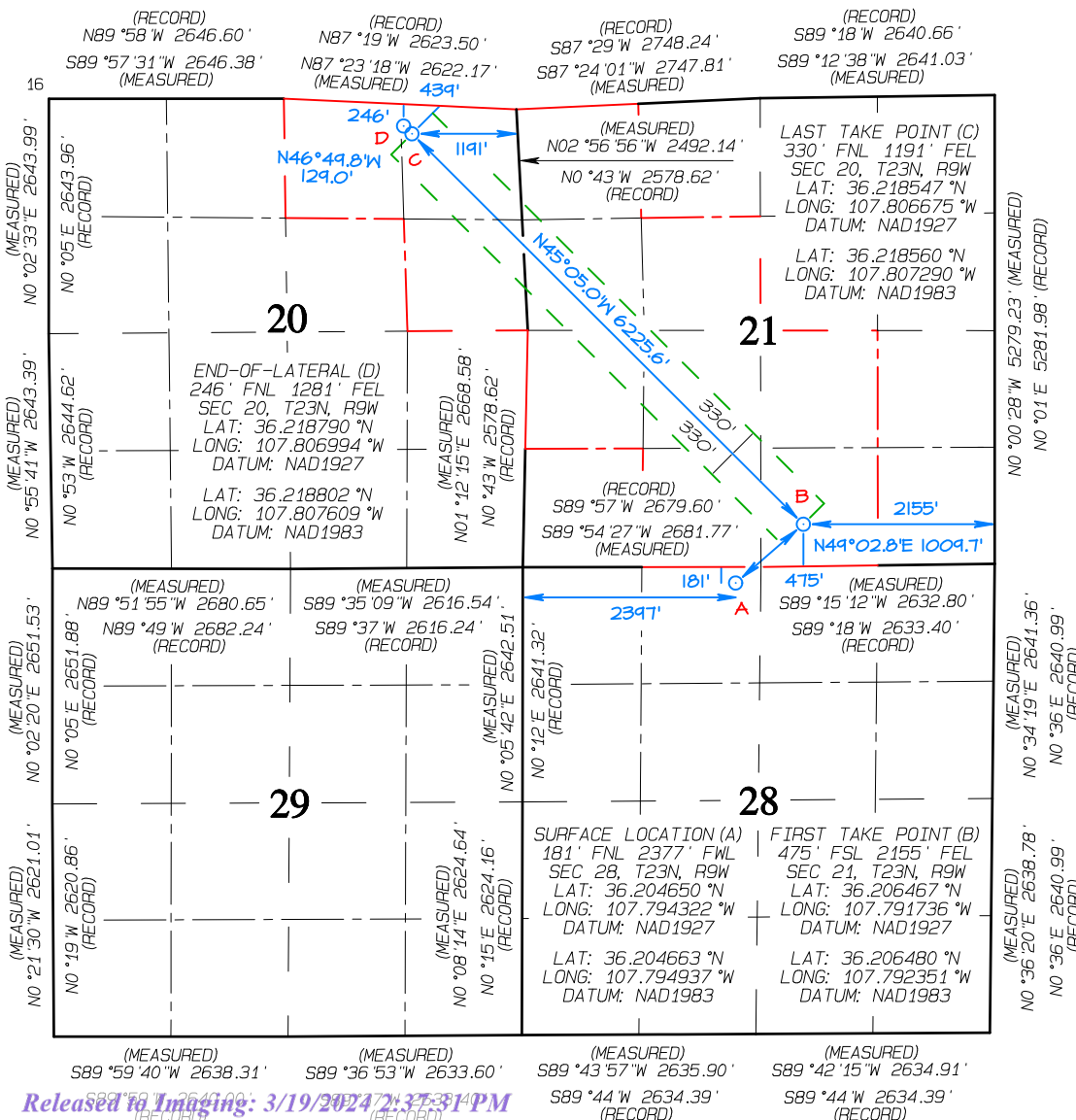
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	28	23N	9W		181	NORTH	2397	WEST	SAN JUAN

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	20	23N	9W		246	NORTH	1281	EAST	SAN JUAN

¹² Dedicated Acres 440.00	W/2 NW/4, SE/4 NW/4 N/2 SW/4, SE/4 SW/4 W/2 SE/4 - Section 21 N/2 NE/4, SE/4 NE/4 - Section 20	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. R-22081
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION
UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A
NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



¹⁷ OPERATOR CERTIFICATION
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom-hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature: Heather Huntington Date: 7/18/22
Printed Name: Heather Huntington
E-mail Address: hhuntington@enduringresources.com

¹⁸ SURVEYOR CERTIFICATION
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date Revised: JULY 15, 2022
Survey Date: OCTOBER 2, 2015

Signature and Seal of Professional Surveyor



JASON C. EDWARDS
Certificate Number 15269

District II
811 S. First Street, Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

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⁴ Property Code 332891	⁵ Property Name GREATER LYBROOK UNIT	⁶ Well Number 794H
⁷ GRID No. 372286	⁸ Operator Name ENDURING RESOURCES, LLC	⁹ Elevation 6534'

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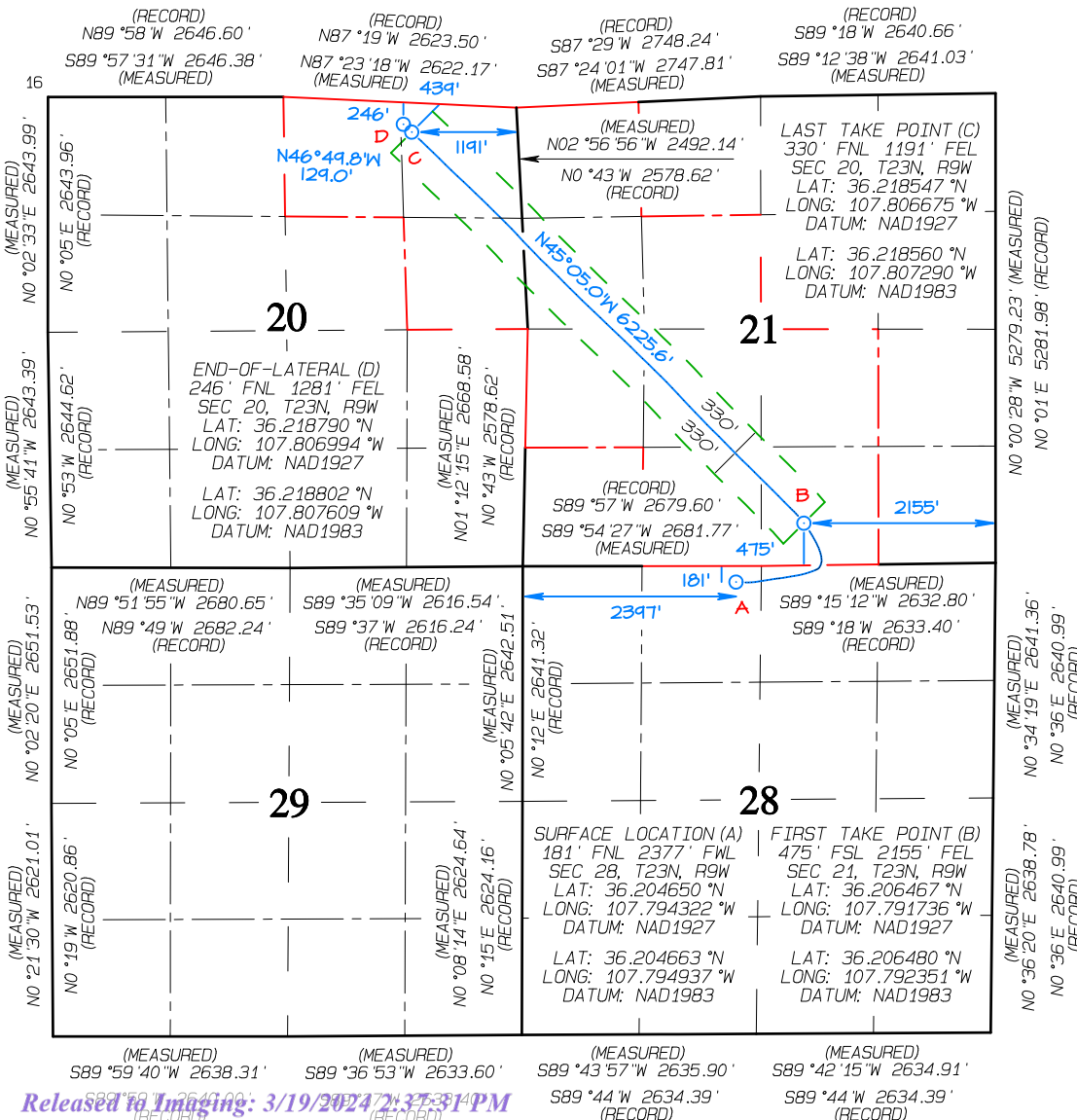
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Signature: Heather Huntington Date: 7/18/22
Printed Name: Heather Huntington
E-mail Address: hhuntington@enduringresources.com

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

Date Revised: JULY 15, 2022
Survey Date: OCTOBER 2, 2015

Signature and Seal of Professional Surveyor



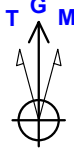
JASON C. EDWARDS
Certificate Number 15269



Well: Kimbeto Wash Unit 794H
Site: Kimbeto Wash 772 Pad (772, 774, 793, 794 & 795)
Project: San Juan County, New Mexico NAD83 NM W
Design: rev2
Rig: Ensign 773

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
Kimbeto 794 FTP 547 FSL 2191 FEL r2	4027.00	734.16	726.33	1894531.274	2735145.728	36.206679000	-107.792474000
Kimbeto 794 LTP 317 FNL 1202 FEL r1	4057.00	5070.69	-3656.98	1898867.797	2730762.432	36.218596000	-107.807328000



Azimuths to Grid North
True North: -0.02°
Magnetic North: 8.70°

Magnetic Field
Strength: 49195.1nT
Dip Angle: 62.71°
Date: 5/22/2022
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=6534+28 @ 6562.00ft (Ensign 773)
Surface location:
Northing: 1893797.112 Easting: 2734419.400 Latitude: 36.204663000 Longitude: -107.794937000

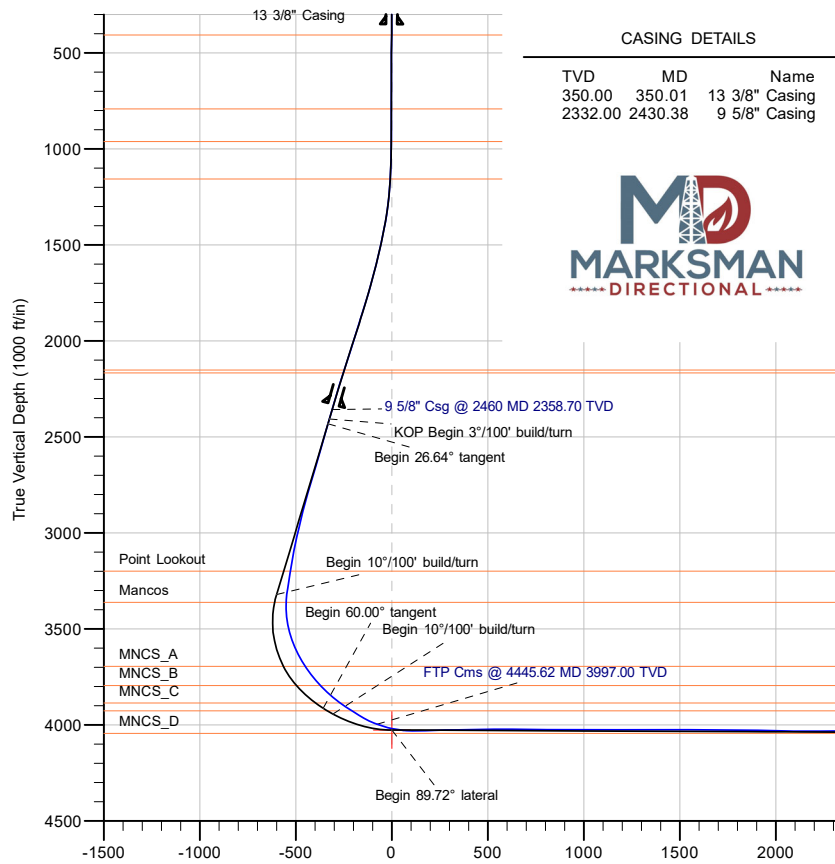
Total Corr (M=>G): To convert a Magnetic Direction to a Grid Direction, Add 8.70°

ANNOTATIONS SURVEYS

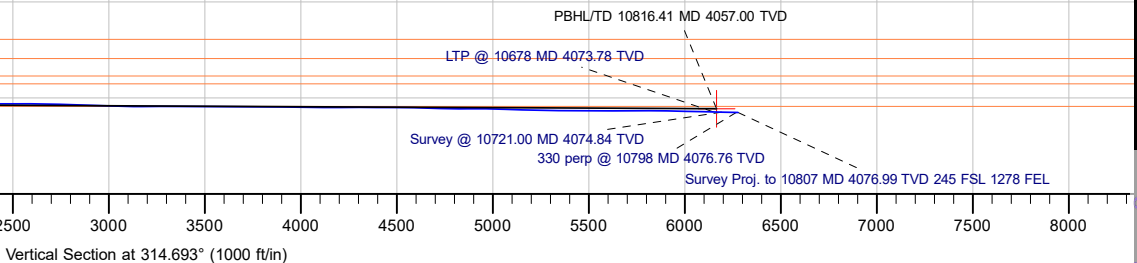
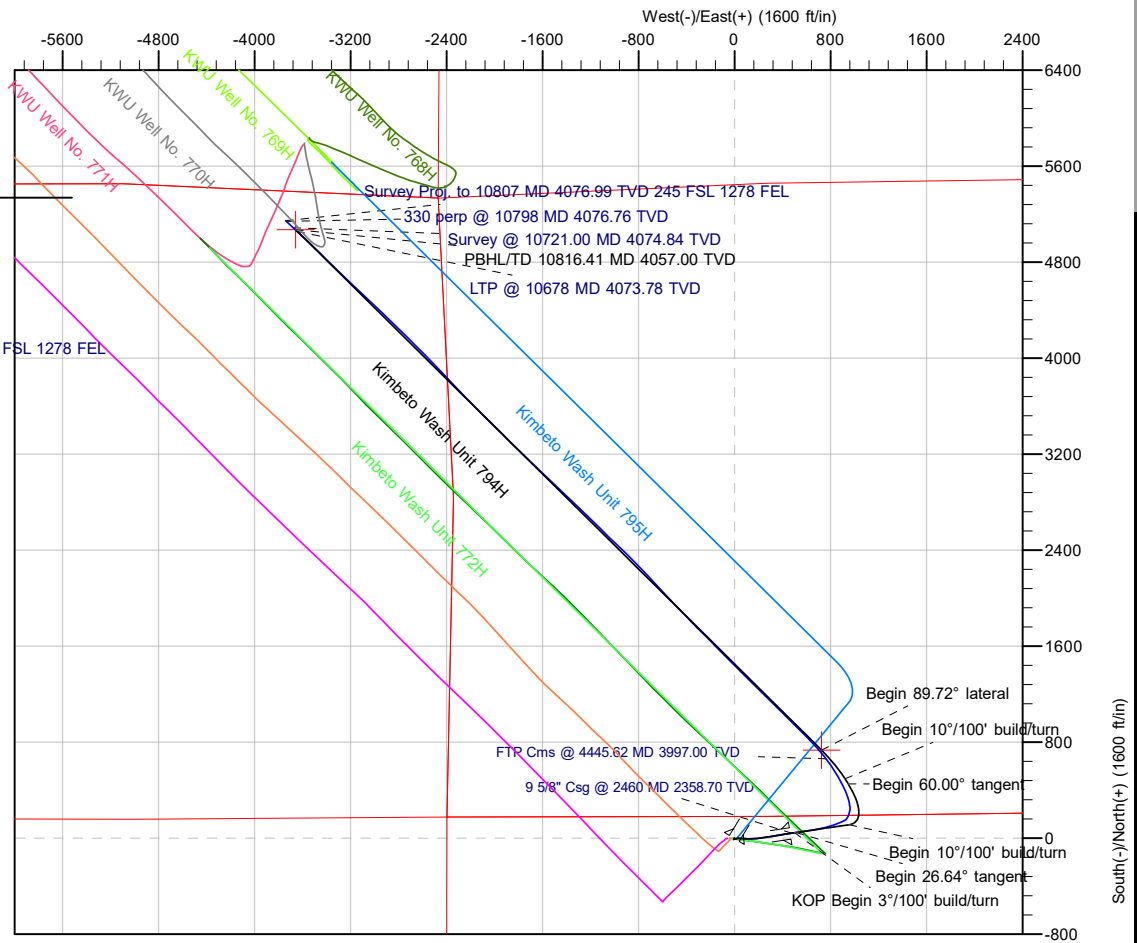
MD	Inc	Azi	TVD	+N/-S	+E/-W	Vsect	Annotation
405.00	1.01	211.530	404.98	-3.04	-1.87	-0.81	MWD surveys
2460.00	25.57	82.449	2358.70	41.73	477.86	-310.35	9 5/8" Csg @ 2460 MD 2358.70 TVD
4445.62	69.56	322.793	3997.00	661.76	762.63	-76.73	FTP Cms @ 4445.62 MD 3997.00 TVD
10678.00	88.62	313.323	4073.78	5057.59	-3645.86	6148.83	LTP @ 10678 MD 4073.78 TVD
10721.00	88.57	313.140	4074.84	5087.03	-3677.18	6191.80	Survey @ 10721.00 MD 4074.84 TVD
10798.00	88.57	313.140	4076.76	5139.67	-3733.35	6268.75	330 perp @ 10798 MD 4076.76 TVD
10807.00	88.57	313.140	4076.99	5145.82	-3739.91	6277.74	Survey Proj. to 10807 MD 4076.99 TVD 245 FSL 1278 FEL

CASING DETAILS

TVD	MD	Name
350.00	350.01	13 3/8" Casing
2332.00	2430.38	9 5/8" Casing



Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	Vsect	Annotation
1	2414.00	25.82	81.220	2317.25	38.90	458.12	0.00	0.00	-298.31	Survey @ 2414.00 MD 2317.25 TVD
2	2514.00	25.82	81.220	2407.27	45.55	501.16	0.00	0.00	-324.24	KOP Begin 3"/100' build/turn
3	2541.97	26.64	81.640	2432.36	47.39	513.39	3.00	12.96	-331.63	Begin 26.64° tangent
4	3536.68	26.64	81.640	3321.48	112.23	954.63	0.00	0.00	-599.70	Begin 10"/100' build/turn
5	4267.42	60.00	327.984	3913.23	451.65	948.04	10.00	-123.99	-356.30	Begin 60.00° tangent
6	4327.42	60.00	327.984	3943.23	495.71	920.49	0.00	0.00	-305.73	Begin 10"/100' build/turn
7	4650.43	89.72	314.692	4027.00	734.24	726.35	10.00	-25.48	0.04	Begin 89.72° lateral
8	10816.41	89.72	314.692	4057.00	5070.69	-3656.98	0.00	0.00	6165.95	PBHL/TD 10816.41 MD 4057.00 TVD



Vertical Section at 314.693° (1000 ft/in)



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Kimbeto Wash Unit 794H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB=6534+28 @ 6562.00ft (Ensign 773)
Site:	Kimbeto Wash 772 Pad (772, 774, 793, 794 & 795)	MD Reference:	RKB=6534+28 @ 6562.00ft (Ensign 773)
Well:	Kimbeto Wash Unit 794H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Surveys Original Hole	Database:	DB_Feb2822

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	Kimbeto Wash 772 Pad (772, 774, 793, 794 & 795)		
Site Position:		Northing:	1,893,797.104 usft
From:	Lat/Long	Easting:	2,734,399.634 usft
Position Uncertainty:	0.00 ft	Slot Radius:	13-3/16 "
		Latitude:	36.204663000
		Longitude:	-107.795004000

Well	Kimbeto Wash Unit 794H, Surf loc: 181 FNL 2397 FWL Section 28-T23N-R09W		
Well Position	+N/-S	0.00 ft	Northing: 1,893,797.112 usft
	+E/-W	0.00 ft	Easting: 2,734,419.400 usft
Position Uncertainty	0.00 ft	Wellhead Elevation:	ft
Grid Convergence:	0.02 °	Ground Level:	6,534.00 ft

Wellbore	Original Hole				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	5/22/2022	8.72	62.71	49,195.09788727

Design	Surveys Original Hole				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	0.00	0.00	0.00	314.693	

Survey Program	Date	5/27/2022			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
405.00	2,414.00	MWD int (Original Hole)	MWD	OWSG MWD - Standard	
2,491.00	10,721.00	MWD (Original Hole)	MWD	OWSG MWD - Standard	
10,807.00	10,807.00	Projection (Original Hole)	MWD	OWSG MWD - Standard	

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00
405.00	1.01	211.530	404.98	-3.04	-1.87	-0.81	0.25	0.25	0.00
MWD surveys									
496.00	1.54	213.020	495.96	-4.75	-2.95	-1.24	0.58	0.58	1.64
587.00	1.09	231.640	586.93	-6.31	-4.30	-1.39	0.68	-0.49	20.46
679.00	0.82	220.740	678.92	-7.36	-5.41	-1.33	0.35	-0.29	-11.85
770.00	0.79	202.570	769.91	-8.43	-6.08	-1.61	0.28	-0.03	-19.97



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Kimbeto Wash Unit 794H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB=6534+28 @ 6562.00ft (Ensign 773)
Site:	Kimbeto Wash 772 Pad (772, 774, 793, 794 & 795)	MD Reference:	RKB=6534+28 @ 6562.00ft (Ensign 773)
Well:	Kimbeto Wash Unit 794H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Surveys Original Hole	Database:	DB_Feb2822

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)
861.00	0.44	230.970	860.91	-9.23	-6.59	-1.80	0.50	-0.38	31.21
950.00	0.38	150.500	949.90	-9.70	-6.71	-2.05	0.60	-0.07	-90.42
1,041.00	2.44	71.870	1,040.87	-9.36	-4.72	-3.23	2.63	2.26	-86.41
1,135.00	6.03	73.610	1,134.60	-7.34	1.92	-6.53	3.82	3.82	1.85
1,230.00	9.78	74.400	1,228.68	-3.76	14.48	-12.94	3.95	3.95	0.83
1,324.00	12.74	84.210	1,320.87	-0.57	32.49	-23.50	3.74	3.15	10.44
1,418.00	14.19	96.950	1,412.31	-0.92	54.24	-39.21	3.50	1.54	13.55
1,513.00	15.60	94.900	1,504.11	-3.42	78.53	-58.23	1.58	1.48	-2.16
1,608.00	18.47	92.370	1,594.94	-5.13	106.30	-79.18	3.12	3.02	-2.66
1,702.00	21.34	89.000	1,683.31	-5.45	138.29	-102.14	3.29	3.05	-3.59
1,796.00	24.78	85.560	1,769.79	-3.63	175.04	-126.98	3.93	3.66	-3.66
1,891.00	25.88	82.120	1,855.66	0.76	215.43	-152.61	1.93	1.16	-3.62
1,985.00	28.57	81.200	1,939.24	7.01	257.97	-178.46	2.90	2.86	-0.98
2,078.00	29.13	80.590	2,020.70	14.11	302.28	-204.96	0.68	0.60	-0.66
2,173.00	29.45	80.850	2,103.56	21.61	348.15	-232.30	0.36	0.34	0.27
2,267.00	27.95	80.820	2,186.00	28.80	392.71	-258.92	1.60	-1.60	-0.03
2,361.00	26.34	81.490	2,269.65	35.40	435.08	-284.40	1.74	-1.71	0.71
2,414.00	25.82	81.220	2,317.25	38.90	458.12	-298.31	1.01	-0.98	-0.51
2,460.00	25.57	82.449	2,358.70	41.73	477.86	-310.35	1.28	-0.54	2.67
9 5/8" Csg @ 2460 MD 2358.70 TVD									
2,491.00	25.41	83.290	2,386.69	43.39	491.10	-318.60	1.28	-0.52	2.71
2,585.00	25.54	81.890	2,471.55	48.60	531.19	-343.43	0.66	0.14	-1.49
2,680.00	24.65	81.310	2,557.58	54.49	571.05	-367.63	0.97	-0.94	-0.61
2,775.00	27.47	80.590	2,642.91	61.06	612.26	-392.30	2.99	2.97	-0.76
2,869.00	27.16	79.870	2,726.43	68.38	654.77	-417.37	0.48	-0.33	-0.77
2,984.00	25.91	78.720	2,829.32	77.91	705.25	-446.55	1.18	-1.09	-1.00
3,079.00	24.74	78.320	2,915.18	86.00	745.07	-469.18	1.24	-1.23	-0.42
3,174.00	26.20	72.020	3,000.96	96.50	784.49	-489.82	3.24	1.54	-6.63
3,268.00	24.23	70.860	3,086.00	109.23	822.46	-507.85	2.16	-2.10	-1.23
3,362.00	21.66	69.340	3,172.56	121.68	856.92	-523.59	2.81	-2.73	-1.62
3,457.00	20.67	67.960	3,261.15	134.16	888.86	-537.53	1.17	-1.04	-1.45
3,488.00	20.94	69.230	3,290.13	138.17	899.12	-541.99	1.70	0.87	4.10
3,519.00	20.91	64.470	3,319.09	142.52	909.29	-546.16	5.48	-0.10	-15.35
3,551.00	21.12	56.390	3,348.97	148.18	919.24	-549.26	9.07	0.66	-25.25
3,582.00	21.34	46.720	3,377.87	155.14	928.00	-550.60	11.31	0.71	-31.19
3,614.00	22.10	36.220	3,407.61	163.99	935.80	-549.92	12.36	2.38	-32.81
3,645.00	23.44	28.690	3,436.20	174.10	942.21	-547.36	10.34	4.32	-24.29
3,677.00	25.71	24.550	3,465.30	186.00	948.15	-543.21	8.90	7.09	-12.94
3,709.00	27.13	19.410	3,493.96	199.20	953.46	-537.70	8.41	4.44	-16.06
3,740.00	27.71	14.720	3,521.48	212.84	957.64	-531.08	7.21	1.87	-15.13
3,771.00	28.76	7.860	3,548.80	227.20	960.49	-523.01	11.00	3.39	-22.13
3,803.00	30.09	2.120	3,576.68	242.85	961.84	-512.96	9.74	4.16	-17.94
3,834.00	31.38	356.590	3,603.33	258.67	961.65	-501.70	10.02	4.16	-17.84



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Kimbeto Wash Unit 794H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB=6534+28 @ 6562.00ft (Ensign 773)
Site:	Kimbeto Wash 772 Pad (772, 774, 793, 794 & 795)	MD Reference:	RKB=6534+28 @ 6562.00ft (Ensign 773)
Well:	Kimbeto Wash Unit 794H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Surveys Original Hole	Database:	DB_Feb2822

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)
3,866.00	32.63	352.210	3,630.47	275.54	959.99	-488.65	8.24	3.91	-13.69
3,897.00	34.60	348.350	3,656.29	292.45	957.08	-474.69	9.37	6.35	-12.45
3,929.00	36.12	345.710	3,682.38	310.49	952.91	-459.04	6.73	4.75	-8.25
3,960.00	38.35	343.910	3,707.06	328.58	947.99	-442.82	8.01	7.19	-5.81
3,992.00	40.37	341.310	3,731.81	347.94	941.92	-424.88	8.15	6.31	-8.13
4,023.00	41.87	339.410	3,755.16	367.14	935.06	-406.51	6.30	4.84	-6.13
4,055.00	43.66	336.640	3,778.65	387.28	926.92	-386.56	8.11	5.59	-8.66
4,086.00	45.87	335.260	3,800.66	407.21	918.02	-366.22	7.79	7.13	-4.45
4,118.00	47.85	333.390	3,822.54	428.25	907.90	-344.22	7.51	6.19	-5.84
4,149.00	49.56	333.060	3,843.00	449.04	897.41	-322.14	5.57	5.52	-1.06
4,181.00	51.66	332.130	3,863.31	471.00	886.03	-298.61	6.94	6.56	-2.91
4,212.00	53.92	331.020	3,882.05	492.70	874.27	-274.98	7.83	7.29	-3.58
4,244.00	57.29	329.180	3,900.13	515.59	861.10	-249.53	11.55	10.53	-5.75
4,275.00	58.25	327.830	3,916.66	537.94	847.40	-224.07	4.81	3.10	-4.35
4,307.00	57.80	327.430	3,933.61	560.87	832.87	-197.61	1.76	-1.41	-1.25
4,338.00	58.70	326.850	3,949.92	583.01	818.57	-171.87	3.31	2.90	-1.87
4,369.00	61.82	325.190	3,965.30	605.33	803.52	-145.48	11.09	10.06	-5.35
4,400.00	64.66	324.400	3,979.25	627.94	787.56	-118.23	9.44	9.16	-2.55
4,432.00	68.08	323.300	3,992.08	651.61	770.27	-89.29	11.14	10.69	-3.44
4,445.62	69.56	322.793	3,997.00	661.76	762.63	-76.73	11.41	10.86	-3.72
FTP Cms @ 4445.62 MD 3997.00 TVD									
4,463.00	71.45	322.160	4,002.80	674.75	752.66	-60.50	11.41	10.88	-3.64
4,494.00	74.78	321.540	4,011.80	698.07	734.33	-31.07	10.91	10.74	-2.00
4,526.00	78.22	320.340	4,019.27	722.23	714.73	-0.14	11.35	10.75	-3.75
4,557.00	81.13	318.950	4,024.83	745.46	694.98	30.24	10.37	9.39	-4.48
4,589.00	83.66	317.600	4,029.06	769.13	673.87	61.89	8.94	7.91	-4.22
4,620.00	87.45	315.460	4,031.46	791.56	652.61	92.77	14.03	12.23	-6.90
4,651.00	90.71	314.870	4,031.96	813.53	630.76	123.77	10.69	10.52	-1.90
4,683.00	91.54	314.650	4,031.33	836.06	608.04	155.76	2.68	2.59	-0.69
4,777.00	92.04	314.610	4,028.40	902.07	541.18	249.71	0.53	0.53	-0.04
4,872.00	90.68	315.650	4,026.14	969.37	474.18	344.68	1.80	-1.43	1.09
4,966.00	91.17	315.120	4,024.63	1,036.28	408.17	438.66	0.77	0.52	-0.56
5,061.00	90.09	315.060	4,023.58	1,103.55	341.10	533.65	1.14	-1.14	-0.06
5,156.00	89.74	314.350	4,023.72	1,170.38	273.59	628.65	0.83	-0.37	-0.75
5,250.00	90.07	315.160	4,023.88	1,236.56	206.83	722.65	0.93	0.35	0.86
5,344.00	89.35	314.170	4,024.35	1,302.64	139.98	816.65	1.30	-0.77	-1.05
5,439.00	88.63	312.950	4,026.03	1,368.09	71.15	911.61	1.49	-0.76	-1.28
5,532.00	90.66	316.250	4,026.60	1,433.38	4.95	1,004.59	4.17	2.18	3.55
5,627.00	90.52	316.140	4,025.63	1,501.94	-60.81	1,099.55	0.19	-0.15	-0.12
5,722.00	90.13	315.500	4,025.09	1,570.06	-127.01	1,194.53	0.79	-0.41	-0.67
5,816.00	90.00	315.610	4,024.98	1,637.17	-192.84	1,288.52	0.18	-0.14	0.12
5,911.00	88.96	313.570	4,025.84	1,703.86	-260.48	1,383.51	2.41	-1.09	-2.15
6,005.00	90.27	316.390	4,026.47	1,770.29	-326.96	1,477.50	3.31	1.39	3.00



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Kimbeto Wash Unit 794H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB=6534+28 @ 6562.00ft (Ensign 773)
Site:	Kimbeto Wash 772 Pad (772, 774, 793, 794 & 795)	MD Reference:	RKB=6534+28 @ 6562.00ft (Ensign 773)
Well:	Kimbeto Wash Unit 794H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Surveys Original Hole	Database:	DB_Feb2822

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)
6,100.00	90.11	316.170	4,026.16	1,838.95	-392.62	1,572.46	0.29	-0.17	-0.23
6,194.00	89.89	316.010	4,026.16	1,906.67	-457.81	1,666.43	0.29	-0.23	-0.17
6,288.00	89.53	315.770	4,026.64	1,974.16	-523.24	1,760.41	0.46	-0.38	-0.26
6,383.00	89.06	317.500	4,027.80	2,043.22	-588.46	1,855.34	1.89	-0.49	1.82
6,477.00	88.70	317.160	4,029.64	2,112.32	-652.16	1,949.23	0.53	-0.38	-0.36
6,572.00	88.02	317.260	4,032.36	2,182.01	-716.67	2,044.09	0.72	-0.72	0.11
6,666.00	90.31	314.980	4,033.73	2,249.75	-781.81	2,138.04	3.44	2.44	-2.43
6,761.00	90.39	314.690	4,033.15	2,316.73	-849.18	2,233.04	0.32	0.08	-0.31
6,855.00	90.37	314.190	4,032.53	2,382.54	-916.29	2,327.04	0.53	-0.02	-0.53
6,949.00	90.42	314.230	4,031.88	2,448.09	-983.67	2,421.03	0.07	0.05	0.04
7,044.00	90.42	313.940	4,031.18	2,514.18	-1,051.90	2,516.02	0.31	0.00	-0.31
7,137.00	89.15	314.860	4,031.53	2,579.24	-1,118.35	2,609.02	1.69	-1.37	0.99
7,232.00	88.97	314.960	4,033.09	2,646.30	-1,185.62	2,704.01	0.22	-0.19	0.11
7,326.00	88.39	313.710	4,035.26	2,711.98	-1,252.83	2,797.98	1.47	-0.62	-1.33
7,420.00	88.15	313.640	4,038.09	2,776.86	-1,320.79	2,891.92	0.27	-0.26	-0.07
7,514.00	88.18	313.790	4,041.10	2,841.79	-1,388.70	2,985.86	0.16	0.03	0.16
7,608.00	87.56	313.130	4,044.60	2,906.40	-1,456.88	3,079.77	0.96	-0.66	-0.70
7,703.00	90.77	313.710	4,045.98	2,971.68	-1,525.86	3,174.72	3.43	3.38	0.61
7,797.00	90.59	314.090	4,044.87	3,036.86	-1,593.59	3,268.71	0.45	-0.19	0.40
7,891.00	89.58	312.450	4,044.73	3,101.29	-1,662.03	3,362.67	2.05	-1.07	-1.74
7,986.00	89.58	314.740	4,045.42	3,166.79	-1,730.83	3,457.65	2.41	0.00	2.41
8,080.00	89.98	314.690	4,045.78	3,232.92	-1,797.63	3,551.65	0.43	0.43	-0.05
8,174.00	89.44	314.630	4,046.26	3,298.99	-1,864.49	3,645.64	0.58	-0.57	-0.06
8,268.00	89.57	314.960	4,047.07	3,365.22	-1,931.19	3,739.64	0.38	0.14	0.35
8,362.00	90.15	315.480	4,047.30	3,431.94	-1,997.40	3,833.64	0.83	0.62	0.55
8,456.00	89.26	314.410	4,047.78	3,498.35	-2,063.93	3,927.63	1.48	-0.95	-1.14
8,551.00	89.11	314.120	4,049.14	3,564.65	-2,131.95	4,022.62	0.34	-0.16	-0.31
8,645.00	89.66	315.060	4,050.15	3,630.63	-2,198.89	4,116.61	1.16	0.59	1.00
8,739.00	90.39	315.850	4,050.10	3,697.63	-2,264.83	4,210.60	1.14	0.78	0.84
8,834.00	89.94	316.350	4,049.83	3,766.08	-2,330.70	4,305.57	0.71	-0.47	0.53
8,927.00	89.39	316.480	4,050.37	3,833.44	-2,394.82	4,398.53	0.61	-0.59	0.14
9,022.00	90.33	318.140	4,050.61	3,903.27	-2,459.23	4,493.42	2.01	0.99	1.75
9,116.00	88.43	315.470	4,051.62	3,971.78	-2,523.55	4,587.34	3.49	-2.02	-2.84
9,210.00	87.66	315.060	4,054.83	4,038.52	-2,589.68	4,681.28	0.93	-0.82	-0.44
9,304.00	89.91	314.600	4,056.82	4,104.77	-2,656.32	4,775.25	2.44	2.39	-0.49
9,399.00	89.86	315.020	4,057.01	4,171.72	-2,723.72	4,870.25	0.45	-0.05	0.44
9,493.00	89.18	313.770	4,057.80	4,237.48	-2,790.88	4,964.25	1.51	-0.72	-1.33
9,588.00	88.75	313.940	4,059.52	4,303.29	-2,859.37	5,059.22	0.49	-0.45	0.18
9,683.00	88.41	314.010	4,061.87	4,369.23	-2,927.72	5,154.18	0.37	-0.36	0.07
9,777.00	87.80	314.160	4,064.98	4,434.59	-2,995.20	5,248.13	0.67	-0.65	0.16
9,872.00	89.34	313.040	4,067.35	4,500.08	-3,063.97	5,343.08	2.00	1.62	-1.18
9,966.00	89.25	312.270	4,068.51	4,563.77	-3,133.10	5,437.01	0.82	-0.10	-0.82



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Kimbeto Wash Unit 794H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB=6534+28 @ 6562.00ft (Ensign 773)
Site:	Kimbeto Wash 772 Pad (772, 774, 793, 794 & 795)	MD Reference:	RKB=6534+28 @ 6562.00ft (Ensign 773)
Well:	Kimbeto Wash Unit 794H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Surveys Original Hole	Database:	DB_Feb2822

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)
10,061.00	90.71	314.430	4,068.54	4,628.98	-3,202.18	5,531.97	2.74	1.54	2.27
10,155.00	90.54	314.590	4,067.52	4,694.87	-3,269.21	5,625.97	0.25	-0.18	0.17
10,249.00	90.01	314.800	4,067.06	4,760.98	-3,336.03	5,719.97	0.61	-0.56	0.22
10,343.00	89.75	313.900	4,067.26	4,826.69	-3,403.24	5,813.96	1.00	-0.28	-0.96
10,438.00	89.06	313.520	4,068.25	4,892.33	-3,471.91	5,908.94	0.83	-0.73	-0.40
10,533.00	88.51	313.590	4,070.26	4,957.78	-3,540.74	6,003.90	0.58	-0.58	0.07
10,627.00	88.67	313.540	4,072.58	5,022.54	-3,608.83	6,097.86	0.18	0.17	-0.05
10,678.00	88.62	313.323	4,073.78	5,057.59	-3,645.86	6,148.83	0.44	-0.11	-0.43
LTP @ 10678 MD 4073.78 TVD									
10,721.00	88.57	313.140	4,074.84	5,087.03	-3,677.18	6,191.80	0.44	-0.11	-0.43
Survey @ 10721.00 MD 4074.84 TVD									
10,798.00	88.57	313.140	4,076.76	5,139.67	-3,733.35	6,268.75	0.00	0.00	0.00
330 perp @ 10798 MD 4076.76 TVD									
10,807.00	88.57	313.140	4,076.99	5,145.82	-3,739.91	6,277.74	0.00	0.00	0.00
Survey Proj. to 10807 MD 4076.99 TVD 245 FSL 1278 FEL									

Design Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
405.00	404.98	-3.04	-1.87	MWD surveys
2,460.00	2,358.70	41.73	477.86	9 5/8" Csg @ 2460 MD 2358.70 TVD
4,445.62	3,997.00	661.76	762.63	FTP Cms @ 4445.62 MD 3997.00 TVD
10,678.00	4,073.78	5,057.59	-3,645.86	LTP @ 10678 MD 4073.78 TVD
10,721.00	4,074.84	5,087.03	-3,677.18	Survey @ 10721.00 MD 4074.84 TVD
10,798.00	4,076.76	5,139.67	-3,733.35	330 perp @ 10798 MD 4076.76 TVD
10,807.00	4,076.99	5,145.82	-3,739.91	Survey Proj. to 10807 MD 4076.99 TVD 245 FSL 1278 FEL



Survey Report - Geographic



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Kimbeto Wash Unit 794H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB=6534+28 @ 6562.00ft (Ensign 773)
Site:	Kimbeto Wash 772 Pad (772, 774, 793, 794 & 795)	MD Reference:	RKB=6534+28 @ 6562.00ft (Ensign 773)
Well:	Kimbeto Wash Unit 794H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Surveys Original Hole	Database:	DB_Feb2822

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	Kimbeto Wash 772 Pad (772, 774, 793, 794 & 795)				
Site Position:		Northing:	1,893,797.104 usft	Latitude:	36.204663000
From:	Lat/Long	Easting:	2,734,399.634 usft	Longitude:	-107.795004000
Position Uncertainty:	0.00 ft	Slot Radius:	13-3/16 "	Grid Convergence:	0.02 °

Well	Kimbeto Wash Unit 794H, Surf loc: 181 FNL 2397 FWL Section 28-T23N-R09W					
Well Position	+N/-S	0.00 ft	Northing:	1,893,797.112 usft	Latitude:	36.204663000
	+E/-W	0.00 ft	Easting:	2,734,419.400 usft	Longitude:	-107.794937000
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	6,534.00 ft

Wellbore	Original Hole				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	5/22/2022	8.72	62.71	49,195.09788727

Design	Surveys Original Hole				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	0.00	0.00	0.00		314.693

Survey Program	Date	5/27/2022			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
405.00	2,414.00	MWD int (Original Hole)	MWD	OWSG MWD - Standard	
2,491.00	10,721.00	MWD (Original Hole)	MWD	OWSG MWD - Standard	
10,807.00	10,807.00	Projection (Original Hole)	MWD	OWSG MWD - Standard	

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
0.00	0.00	0.000	0.00	0.00	0.00	1,893,797.112	2,734,419.400	36.204663000	-107.794937000
405.00	1.01	211.530	404.98	-3.04	-1.87	1,893,794.070	2,734,417.534	36.204654644	-107.794943331
MWD surveys									
496.00	1.54	213.020	495.96	-4.75	-2.95	1,893,792.361	2,734,416.448	36.204649950	-107.794947014
587.00	1.09	231.640	586.93	-6.31	-4.30	1,893,790.798	2,734,415.103	36.204645660	-107.794951575
679.00	0.82	220.740	678.92	-7.36	-5.41	1,893,789.756	2,734,413.987	36.204642799	-107.794955358
770.00	0.79	202.570	769.91	-8.43	-6.08	1,893,788.684	2,734,413.321	36.204639853	-107.794957616
861.00	0.44	230.970	860.91	-9.23	-6.59	1,893,787.884	2,734,412.809	36.204637657	-107.794959354
950.00	0.38	150.500	949.90	-9.70	-6.71	1,893,787.412	2,734,412.689	36.204636361	-107.794959761



Survey Report - Geographic



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Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB=6534+28 @ 6562.00ft (Ensign 773)
Site:	Kimbeto Wash 772 Pad (772, 774, 793, 794 & 795)	MD Reference:	RKB=6534+28 @ 6562.00ft (Ensign 773)
Well:	Kimbeto Wash Unit 794H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Surveys Original Hole	Database:	DB_Feb2822

Survey									
Measured			Vertical			Map	Map		
Depth	Inclination	Azimuth	Depth	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(usft)	(usft)		
1,041.00	2.44	71.870	1,040.87	-9.36	-4.72	1,893,787.753	2,734,414.679	36.204637293	-107.794953016
1,135.00	6.03	73.610	1,134.60	-7.34	1.92	1,893,789.769	2,734,421.319	36.204642825	-107.794930505
1,230.00	9.78	74.400	1,228.68	-3.76	14.48	1,893,793.348	2,734,433.882	36.204652644	-107.794887917
1,324.00	12.74	84.210	1,320.87	-0.57	32.49	1,893,796.542	2,734,451.889	36.204661397	-107.794826877
1,418.00	14.19	96.950	1,412.31	-0.92	54.24	1,893,796.193	2,734,473.644	36.204660416	-107.794753138
1,513.00	15.60	94.900	1,504.11	-3.42	78.53	1,893,793.693	2,734,497.931	36.204653521	-107.794670819
1,608.00	18.47	92.370	1,594.94	-5.13	106.30	1,893,791.979	2,734,525.699	36.204648783	-107.794576697
1,702.00	21.34	89.000	1,683.31	-5.45	138.29	1,893,791.662	2,734,557.685	36.204647876	-107.794468279
1,796.00	24.78	85.560	1,769.79	-3.63	175.04	1,893,793.486	2,734,594.439	36.204652846	-107.794343697
1,891.00	25.88	82.120	1,855.66	0.76	215.43	1,893,797.870	2,734,634.829	36.204664845	-107.794206786
1,985.00	28.57	81.200	1,939.24	7.01	257.97	1,893,804.122	2,734,677.370	36.204681974	-107.794062579
2,078.00	29.13	80.590	2,020.70	14.11	302.28	1,893,811.226	2,734,721.678	36.204701437	-107.793912385
2,173.00	29.45	80.850	2,103.56	21.61	348.15	1,893,818.720	2,734,767.546	36.204721974	-107.793756899
2,267.00	27.95	80.820	2,186.00	28.80	392.71	1,893,825.909	2,734,812.110	36.204741674	-107.793605838
2,361.00	26.34	81.490	2,269.65	35.40	435.08	1,893,832.510	2,734,854.483	36.204759759	-107.793462199
2,414.00	25.82	81.220	2,317.25	38.90	458.12	1,893,836.012	2,734,877.519	36.204769353	-107.793384114
2,460.00	25.57	82.449	2,358.70	41.73	477.86	1,893,838.846	2,734,897.260	36.204777115	-107.793317193
9 5/8" Csg @ 2460 MD 2358.70 TVD									
2,491.00	25.41	83.290	2,386.69	43.39	491.10	1,893,840.502	2,734,910.498	36.204781650	-107.793272320
2,585.00	25.54	81.890	2,471.55	48.60	531.19	1,893,845.717	2,734,950.589	36.204795931	-107.793136422
2,680.00	24.65	81.310	2,557.58	54.49	571.05	1,893,851.599	2,734,990.448	36.204812045	-107.793001309
2,775.00	27.47	80.590	2,642.91	61.06	612.26	1,893,858.176	2,735,031.656	36.204830065	-107.792861621
2,869.00	27.16	79.870	2,726.43	68.38	654.77	1,893,865.495	2,735,074.164	36.204850120	-107.792717523
2,984.00	25.91	78.720	2,829.32	77.91	705.25	1,893,875.026	2,735,124.645	36.204876246	-107.792546402
3,079.00	24.74	78.320	2,915.18	86.00	745.07	1,893,883.110	2,735,164.468	36.204898409	-107.792411406
3,174.00	26.20	72.020	3,000.96	96.50	784.49	1,893,893.611	2,735,203.892	36.204927209	-107.792277760
3,268.00	24.23	70.860	3,086.00	109.23	822.46	1,893,906.342	2,735,241.856	36.204962138	-107.792149059
3,362.00	21.66	69.340	3,172.56	121.68	856.92	1,893,918.789	2,735,276.316	36.204996292	-107.792032234
3,457.00	20.67	67.960	3,261.15	134.16	888.86	1,893,931.267	2,735,308.263	36.205030532	-107.791923928
3,488.00	20.94	69.230	3,290.13	138.17	899.12	1,893,935.285	2,735,318.514	36.205041557	-107.791889175
3,519.00	20.91	64.470	3,319.09	142.52	909.29	1,893,939.634	2,735,328.686	36.205053492	-107.791854690
3,551.00	21.12	56.390	3,348.97	148.18	919.24	1,893,945.287	2,735,338.643	36.205069011	-107.791820934
3,582.00	21.34	46.720	3,377.87	155.14	928.00	1,893,952.248	2,735,347.403	36.205088122	-107.791791229
3,614.00	22.10	36.220	3,407.61	163.99	935.80	1,893,961.099	2,735,355.202	36.205112429	-107.791764782
3,645.00	23.44	28.690	3,436.20	174.10	942.21	1,893,971.215	2,735,361.609	36.205140211	-107.791743048
3,677.00	25.71	24.550	3,465.30	186.00	948.15	1,893,983.114	2,735,367.550	36.205172892	-107.791722895
3,709.00	27.13	19.410	3,493.96	199.20	953.46	1,893,996.312	2,735,372.859	36.205209141	-107.791704878
3,740.00	27.71	14.720	3,521.48	212.84	957.64	1,894,009.951	2,735,377.040	36.205246604	-107.791690687
3,771.00	28.76	7.860	3,548.80	227.20	960.49	1,894,024.314	2,735,379.892	36.205286056	-107.791680999
3,803.00	30.09	2.120	3,576.68	242.85	961.84	1,894,039.960	2,735,381.242	36.205329036	-107.791676400
3,834.00	31.38	356.590	3,603.33	258.67	961.65	1,894,055.786	2,735,381.049	36.205372512	-107.791677030
3,866.00	32.63	352.210	3,630.47	275.54	959.99	1,894,072.653	2,735,379.384	36.205418851	-107.791682650
3,897.00	34.60	348.350	3,656.29	292.45	957.08	1,894,089.558	2,735,376.473	36.205465292	-107.791692492
3,929.00	36.12	345.710	3,682.38	310.49	952.91	1,894,107.598	2,735,372.310	36.205514856	-107.791706577
3,960.00	38.35	343.910	3,707.06	328.58	947.99	1,894,125.696	2,735,367.389	36.205564577	-107.791723233
3,992.00	40.37	341.310	3,731.81	347.94	941.92	1,894,145.054	2,735,361.316	36.205617765	-107.791743791
4,023.00	41.87	339.410	3,755.16	367.14	935.06	1,894,164.251	2,735,354.459	36.205670508	-107.791767003
4,055.00	43.66	336.640	3,778.65	387.28	926.92	1,894,184.392	2,735,346.323	36.205725847	-107.791794554
4,086.00	45.87	335.260	3,800.66	407.21	918.02	1,894,204.323	2,735,337.422	36.205780609	-107.791824694
4,118.00	47.85	333.390	3,822.54	428.25	907.90	1,894,225.362	2,735,327.302	36.205838417	-107.791858969
4,149.00	49.56	333.060	3,843.00	449.04	897.41	1,894,246.154	2,735,316.809	36.205895548	-107.791894506
4,181.00	51.66	332.130	3,863.31	471.00	886.03	1,894,268.107	2,735,305.424	36.205955867	-107.791933065
4,212.00	53.92	331.020	3,882.05	492.70	874.27	1,894,289.816	2,735,293.670	36.206015518	-107.791972876
4,244.00	57.29	329.180	3,900.13	515.59	861.10	1,894,312.697	2,735,280.502	36.206078391	-107.792017475



Survey Report - Geographic



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Kimbeto Wash Unit 794H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB=6534+28 @ 6562.00ft (Ensign 773)
Site:	Kimbeto Wash 772 Pad (772, 774, 793, 794 & 795)	MD Reference:	RKB=6534+28 @ 6562.00ft (Ensign 773)
Well:	Kimbeto Wash Unit 794H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Surveys Original Hole	Database:	DB_Feb2822

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
4,275.00	58.25	327.830	3,916.66	537.94	847.40	1,894,335.055	2,735,266.802	36.206139827	-107.792063883
4,307.00	57.80	327.430	3,933.61	560.87	832.87	1,894,357.982	2,735,252.269	36.206202826	-107.792113110
4,338.00	58.70	326.850	3,949.92	583.01	818.57	1,894,380.124	2,735,237.966	36.206263670	-107.792161562
4,369.00	61.82	325.190	3,965.30	605.33	803.52	1,894,402.437	2,735,222.920	36.206324984	-107.792212531
4,400.00	64.66	324.400	3,979.25	627.94	787.56	1,894,425.050	2,735,206.962	36.206387123	-107.792266590
4,432.00	68.08	323.300	3,992.08	651.61	770.27	1,894,448.717	2,735,189.668	36.206452157	-107.792325177
4,445.62	69.56	322.793	3,997.00	661.76	762.63	1,894,458.868	2,735,182.031	36.206480051	-107.792351048
FTP Cms @ 4445.62 MD 3997.00 TVD									
4,463.00	71.45	322.160	4,002.80	674.75	752.66	1,894,471.858	2,735,172.054	36.206515749	-107.792384849
4,494.00	74.78	321.540	4,011.80	698.07	734.33	1,894,495.181	2,735,153.732	36.206579840	-107.792446921
4,526.00	78.22	320.340	4,019.27	722.23	714.73	1,894,519.336	2,735,134.126	36.206646220	-107.792513343
4,557.00	81.13	318.950	4,024.83	745.46	694.98	1,894,542.573	2,735,114.380	36.206710077	-107.792580245
4,589.00	83.66	317.600	4,029.06	769.13	673.87	1,894,566.243	2,735,093.271	36.206775124	-107.792651764
4,620.00	87.45	315.460	4,031.46	791.56	652.61	1,894,588.667	2,735,072.012	36.206836749	-107.792723794
4,651.00	90.71	314.870	4,031.96	813.53	630.76	1,894,610.644	2,735,050.160	36.206897148	-107.792797831
4,683.00	91.54	314.650	4,031.33	836.06	608.04	1,894,633.172	2,735,027.443	36.206959060	-107.792874804
4,777.00	92.04	314.610	4,028.40	902.07	541.18	1,894,699.177	2,734,960.580	36.207140458	-107.793101355
4,872.00	90.68	315.650	4,026.14	969.37	474.18	1,894,766.483	2,734,893.579	36.207325431	-107.793328374
4,966.00	91.17	315.120	4,024.63	1,036.28	408.17	1,894,833.386	2,734,827.569	36.207509297	-107.793552037
5,061.00	90.09	315.060	4,023.58	1,103.55	341.10	1,894,900.662	2,734,760.504	36.207694184	-107.793779273
5,156.00	89.74	314.350	4,023.72	1,170.38	273.59	1,894,967.489	2,734,692.985	36.207877842	-107.794008052
5,250.00	90.07	315.160	4,023.88	1,236.56	206.83	1,895,033.672	2,734,626.234	36.208059725	-107.794234229
5,344.00	89.35	314.170	4,024.35	1,302.64	139.98	1,895,099.748	2,734,559.381	36.208241317	-107.794460754
5,439.00	88.63	312.950	4,026.03	1,368.09	71.15	1,895,165.202	2,734,490.552	36.208421201	-107.794693979
5,532.00	90.66	316.250	4,026.60	1,433.38	4.95	1,895,230.488	2,734,424.347	36.208600622	-107.794918307
5,627.00	90.52	316.140	4,025.63	1,501.94	-60.81	1,895,299.046	2,734,358.591	36.208789028	-107.795141112
5,722.00	90.13	315.500	4,025.09	1,570.06	-127.01	1,895,367.174	2,734,292.386	36.208976253	-107.795365442
5,816.00	90.00	315.610	4,024.98	1,637.17	-192.84	1,895,434.283	2,734,226.565	36.209160677	-107.795588471
5,911.00	88.96	313.570	4,025.84	1,703.86	-260.48	1,895,500.968	2,734,158.919	36.209343941	-107.795817691
6,005.00	90.27	316.390	4,026.47	1,770.29	-326.96	1,895,567.403	2,734,092.437	36.209526516	-107.796042962
6,100.00	90.11	316.170	4,026.16	1,838.95	-392.62	1,895,636.062	2,734,026.780	36.209715196	-107.796265437
6,194.00	89.89	316.010	4,026.16	1,906.67	-457.81	1,895,703.782	2,733,961.589	36.209901298	-107.796486336
6,288.00	89.53	315.770	4,026.64	1,974.16	-523.24	1,895,771.273	2,733,896.162	36.210086772	-107.796708033
6,383.00	89.06	317.500	4,027.80	2,043.22	-588.46	1,895,840.329	2,733,830.939	36.210276543	-107.796929041
6,477.00	88.70	317.160	4,029.64	2,112.32	-652.16	1,895,909.431	2,733,767.241	36.210466438	-107.797144880
6,572.00	88.02	317.260	4,032.36	2,182.01	-716.67	1,895,979.118	2,733,702.733	36.210657940	-107.797363463
6,666.00	90.31	314.980	4,033.73	2,249.75	-781.81	1,896,046.855	2,733,637.592	36.210844088	-107.797584196
6,761.00	90.39	314.690	4,033.15	2,316.73	-849.18	1,896,113.835	2,733,570.225	36.211028157	-107.797812477
6,855.00	90.37	314.190	4,032.53	2,382.54	-916.29	1,896,179.649	2,733,503.112	36.211209020	-107.798039898
6,949.00	90.42	314.230	4,031.88	2,448.09	-983.67	1,896,245.192	2,733,435.736	36.211389142	-107.798268215
7,044.00	90.42	313.940	4,031.18	2,514.18	-1,051.90	1,896,311.284	2,733,367.499	36.211570770	-107.798499450
7,137.00	89.15	314.860	4,031.53	2,579.24	-1,118.35	1,896,376.350	2,733,301.055	36.211749578	-107.798724607
7,232.00	88.97	314.960	4,033.09	2,646.30	-1,185.62	1,896,443.411	2,733,233.784	36.211933865	-107.798952569
7,326.00	88.39	313.710	4,035.26	2,711.98	-1,252.83	1,896,509.084	2,733,166.569	36.212114341	-107.799180343
7,420.00	88.15	313.640	4,038.09	2,776.86	-1,320.79	1,896,573.967	2,733,098.613	36.212292648	-107.799410631
7,514.00	88.18	313.790	4,041.10	2,841.79	-1,388.70	1,896,638.895	2,733,030.706	36.212471074	-107.799640753
7,608.00	87.56	313.130	4,044.60	2,906.40	-1,456.88	1,896,703.507	2,732,962.523	36.212648635	-107.799871811
7,703.00	90.77	313.710	4,045.98	2,971.68	-1,525.86	1,896,768.788	2,732,893.539	36.212828036	-107.800105589
7,797.00	90.59	314.090	4,044.87	3,036.86	-1,593.59	1,896,833.963	2,732,825.812	36.213007141	-107.800335103
7,891.00	89.58	312.450	4,044.73	3,101.29	-1,662.03	1,896,898.391	2,732,757.371	36.213184194	-107.800567040
7,986.00	89.58	314.740	4,045.42	3,166.79	-1,730.83	1,896,963.893	2,732,688.575	36.213364197	-107.800800179
8,080.00	89.98	314.690	4,045.78	3,232.92	-1,797.63	1,897,030.029	2,732,621.778	36.213545940	-107.801026544
8,174.00	89.44	314.630	4,046.26	3,298.99	-1,864.49	1,897,096.100	2,732,554.918	36.213727505	-107.801253124
8,268.00	89.57	314.960	4,047.07	3,365.22	-1,931.19	1,897,162.327	2,732,488.216	36.213909498	-107.801479171



Survey Report - Geographic



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Kimbeto Wash Unit 794H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB=6534+28 @ 6562.00ft (Ensign 773)
Site:	Kimbeto Wash 772 Pad (772, 774, 793, 794 & 795)	MD Reference:	RKB=6534+28 @ 6562.00ft (Ensign 773)
Well:	Kimbeto Wash Unit 794H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Surveys Original Hole	Database:	DB_Feb2822

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
8,362.00	90.15	315.480	4,047.30	3,431.94	-1,997.40	1,897,229.049	2,732,422.004	36.214092849	-107.801703553
8,456.00	89.26	314.410	4,047.78	3,498.35	-2,063.93	1,897,295.450	2,732,355.475	36.214275320	-107.801929013
8,551.00	89.11	314.120	4,049.14	3,564.65	-2,131.95	1,897,361.751	2,732,287.451	36.214457515	-107.802159543
8,645.00	89.66	315.060	4,050.15	3,630.63	-2,198.89	1,897,427.737	2,732,220.514	36.214638843	-107.802386388
8,739.00	90.39	315.850	4,050.10	3,697.63	-2,264.83	1,897,494.730	2,732,154.577	36.214822936	-107.802609844
8,834.00	89.94	316.350	4,049.83	3,766.08	-2,330.70	1,897,563.181	2,732,088.704	36.215011036	-107.802833080
8,927.00	89.39	316.480	4,050.37	3,833.44	-2,394.82	1,897,630.545	2,732,024.589	36.215196145	-107.803050362
9,022.00	90.33	318.140	4,050.61	3,903.27	-2,459.23	1,897,700.369	2,731,960.179	36.215388014	-107.803268640
9,116.00	88.43	315.470	4,051.62	3,971.78	-2,523.55	1,897,768.885	2,731,895.851	36.215576287	-107.803486646
9,210.00	87.66	315.060	4,054.83	4,038.52	-2,589.68	1,897,835.620	2,731,829.730	36.215759671	-107.803710729
9,304.00	89.91	314.600	4,056.82	4,104.77	-2,656.32	1,897,901.871	2,731,763.085	36.215941724	-107.803936593
9,399.00	89.86	315.020	4,057.01	4,171.72	-2,723.72	1,897,968.822	2,731,695.688	36.216125703	-107.804165006
9,493.00	89.18	313.770	4,057.80	4,237.48	-2,790.88	1,898,034.581	2,731,628.526	36.216306403	-107.804392624
9,588.00	88.75	313.940	4,059.52	4,303.29	-2,859.37	1,898,100.389	2,731,560.033	36.216487240	-107.804624754
9,683.00	88.41	314.010	4,061.87	4,369.23	-2,927.72	1,898,166.331	2,731,491.688	36.216668445	-107.804856384
9,777.00	87.80	314.160	4,064.98	4,434.59	-2,995.20	1,898,231.693	2,731,424.205	36.216848055	-107.805085096
9,872.00	89.34	313.040	4,067.35	4,500.08	-3,063.97	1,898,297.183	2,731,355.433	36.217028017	-107.805318176
9,966.00	89.25	312.270	4,068.51	4,563.77	-3,133.10	1,898,360.871	2,731,286.307	36.217203027	-107.805552460
10,061.00	90.71	314.430	4,068.54	4,628.98	-3,202.18	1,898,426.078	2,731,217.231	36.217382212	-107.805786571
10,155.00	90.54	314.590	4,067.52	4,694.87	-3,269.21	1,898,491.971	2,731,150.201	36.217563278	-107.806013749
10,249.00	90.01	314.800	4,067.06	4,760.98	-3,336.03	1,898,558.083	2,731,083.382	36.217744946	-107.806240215
10,343.00	89.75	313.900	4,067.26	4,826.69	-3,403.24	1,898,623.792	2,731,016.165	36.217925505	-107.806468028
10,438.00	89.06	313.520	4,068.25	4,892.33	-3,471.91	1,898,689.433	2,730,947.499	36.218105881	-107.806700755
10,533.00	88.51	313.590	4,070.26	4,957.78	-3,540.74	1,898,754.878	2,730,878.667	36.218285716	-107.806934047
10,627.00	88.67	313.540	4,072.58	5,022.54	-3,608.83	1,898,819.641	2,730,810.576	36.218463676	-107.807164827
10,678.00	88.62	313.323	4,073.78	5,057.59	-3,645.86	1,898,854.693	2,730,773.551	36.218559994	-107.807290319
LTP @ 10678 MD 4073.78 TVD									
10,721.00	88.57	313.140	4,074.84	5,087.03	-3,677.18	1,898,884.137	2,730,742.231	36.218640902	-107.807396473
Survey @ 10721.00 MD 4074.84 TVD									
10,798.00	88.57	313.140	4,076.76	5,139.67	-3,733.35	1,898,936.771	2,730,686.062	36.218785536	-107.807586846
330 perp @ 10798 MD 4076.76 TVD									
10,807.00	88.57	313.140	4,076.99	5,145.82	-3,739.91	1,898,942.924	2,730,679.497	36.218802441	-107.807609097
Survey Proj. to 10807 MD 4076.99 TVD 245 FSL 1278 FEL									

Design Annotations					
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates			
		+N/-S (ft)	+E/-W (ft)	Comment	
405.00	404.98	-3.04	-1.87	MWD surveys	
2,460.00	2,358.70	41.73	477.86	9 5/8" Csg @ 2460 MD 2358.70 TVD	
4,445.62	3,997.00	661.76	762.63	FTP Cms @ 4445.62 MD 3997.00 TVD	
10,678.00	4,073.78	5,057.59	-3,645.86	LTP @ 10678 MD 4073.78 TVD	
10,721.00	4,074.84	5,087.03	-3,677.18	Survey @ 10721.00 MD 4074.84 TVD	
10,798.00	4,076.76	5,139.67	-3,733.35	330 perp @ 10798 MD 4076.76 TVD	
10,807.00	4,076.99	5,145.82	-3,739.91	Survey Proj. to 10807 MD 4076.99 TVD 245 FSL 1278 FEL	

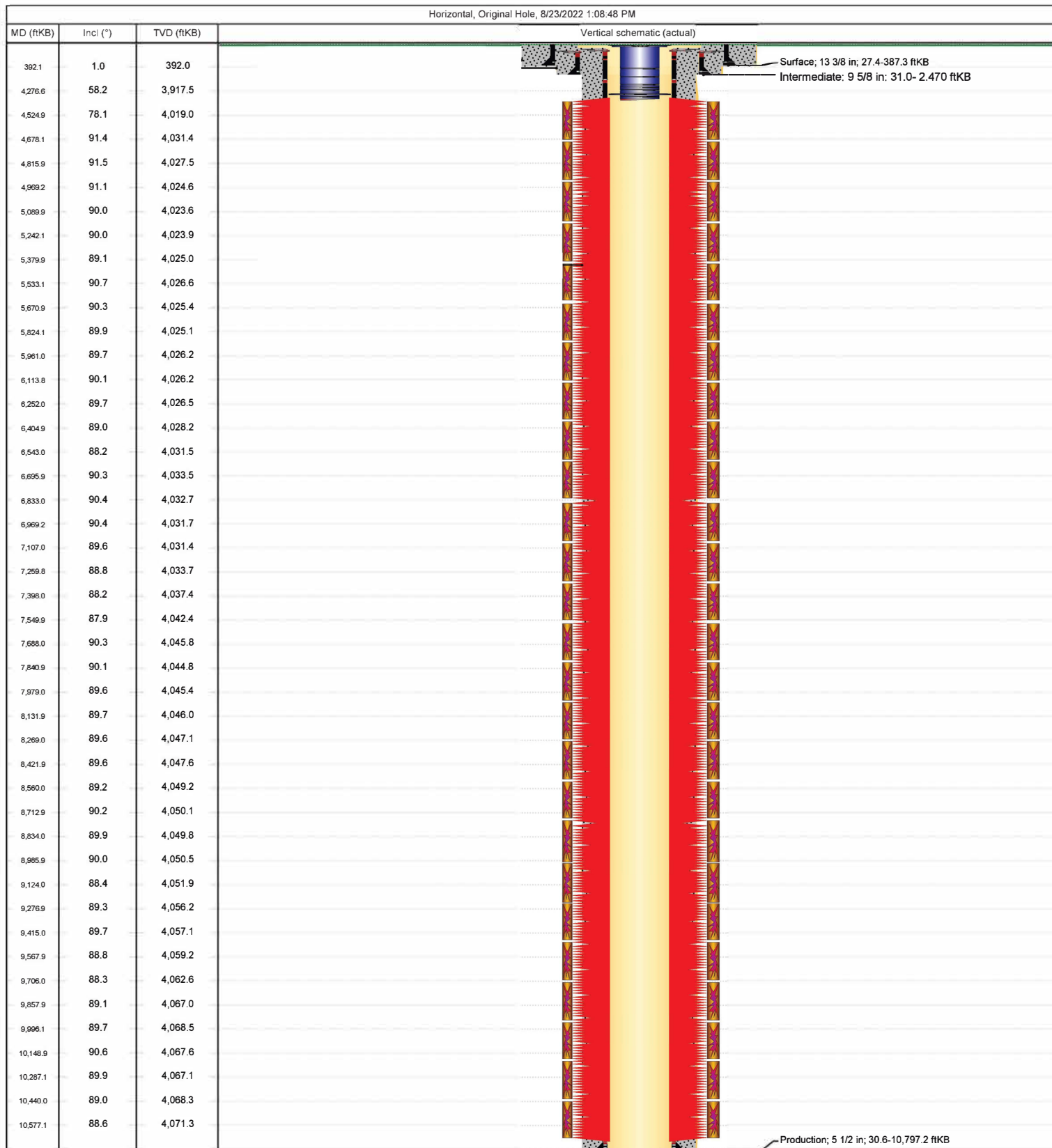
WellView

Well Name: GREATER LYBROOK UNIT 794H

API/UWI 30-045-35821	Surface Legal Location (UNIT C) NE/4 NW/4, SECTION 28, T23...	Field Name CHACO	License #	State/Province New Mexico	Well Configuration Type Horizontal
Original KB Elevation (ft) 6,562.00	KB-Tubing Head Distance (ft)	Spud Date 3/27/2022 13:00	Rig Release Date	PBTD (All) (ftKB)	Total Depth All (TVD) (ftKB) Original Hole - 4,077.0

Most Recent Job

Job Category Completion/Workover	Primary Job Type Initial Completion	Secondary Job Type Initial Completion	Start Date 6/1/2022	End Date
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This document will be submitted with the completion package after the well has been completed.

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

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

ACKNOWLEDGMENTS

Action 127310

ACKNOWLEDGMENTS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way Centennial, CO 80111	OGRID: 372286
	Action Number: 127310
	Action Type: [C-104] Tight Hole Completion Packet (C-104CT)

ACKNOWLEDGMENTS

☒	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
☒	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

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CONDITIONS

Action 127310

CONDITIONS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way Centennial, CO 80111	OGRID: 372286
	Action Number: 127310
	Action Type: [C-104] Tight Hole Completion Packet (C-104CT)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	RT EXPIRES 11/21/2022.	3/19/2024