

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 NW	
⁴ API Number 30-045-38310	⁵ Pool Name LYBROOK MANCOS W		⁶ Pool Code 98157
⁷ Property Code 332891	⁸ Property Name GREATER LYBROOK UNIT		⁹ Well Number 056H

II. ¹⁰ Surface Location

Ul or lot no. J	Section 23	Township 23N	Range 9W	Lot Idn	Feet from the 1365'	North/South Line SOUTH	Feet from the 2007'	East/West line EAST	County SAN JUAN
--------------------	---------------	-----------------	-------------	---------	------------------------	---------------------------	------------------------	------------------------	--------------------

¹¹ Bottom Hole Location

UL or lot no. P	Section 25	Township 23N	Range 9W	Lot Idn	Feet from the 970'	North/South line SOUTH	Feet from the 177'	East/West line EAST	County SAN JUAN
¹² Lse Code N	¹³ Producing Method Code		¹⁴ Gas Connection Date 4/1/24		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 9/7/2023	²² Ready Date 3/30/24	²³ TD 14,837' MD 4,738' TVD	²⁴ PBDT 14,824' MD 4,738' TVD	²⁵ Perforations 5,200'- 14,697' MD 4764'- 4733' TVD AlphaSleeve 14,726'	²⁶ DHC, MC R-22081	
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set		³⁰ Sacks Cement
17.5"		13.375",54.5#, J-55		377' MD		352 sx
12.25"		9.625",36#, J-55		2,843' MD		684 sx
8.5"		5.5",17#, P-110		14,827' MD		2,243 sx
		2.875",6.5# L80		5156'		

V. Well Test Data

³¹ Date New Oil 4/7/24	³² Gas Delivery Date 4/1/24	³³ Test Date 4/8/24	³⁴ Test Length 24	³⁵ Tbg. Pressure 177	³⁶ Csg. Pressure 741
³⁷ Choke Size 48/64	³⁸ Oil 204	³⁹ Water 463	⁴⁰ Gas 504		⁴¹ Test Method F

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: <i>Heather Huntington</i>		OIL CONSERVATION DIVISION Approved by: <i>PATRICIA MARTINEZ</i>	
Printed name: Heather Huntington		Title: <i>PETROLEUM SPECIALIST</i>	
Title: Permitting Technician		Approval Date: <i>6/28/2024</i>	
E-mail Address:hhuntington@enduringresources.com			
Date:5/3/24	Phone:505-636-9751		



ENDURING RESOURCES IV LLC

February 27, 2024

Re: GREATER LYBROOK UNIT 056H-30-045-38310

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) 393-6161 Fax: (575) 393-0720

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 30-045-38310	² Pool Code 98157	³ Pool Name LYBROOK MANCOS W
⁴ Property Code 332891	⁵ Property Name GREATER LYBROOK UNIT	⁶ Well Number 056H
⁷ GRID No. 372286	⁸ Operator Name ENDURING RESOURCES, LLC	⁹ Elevation 6802'

¹⁰ Surface Location

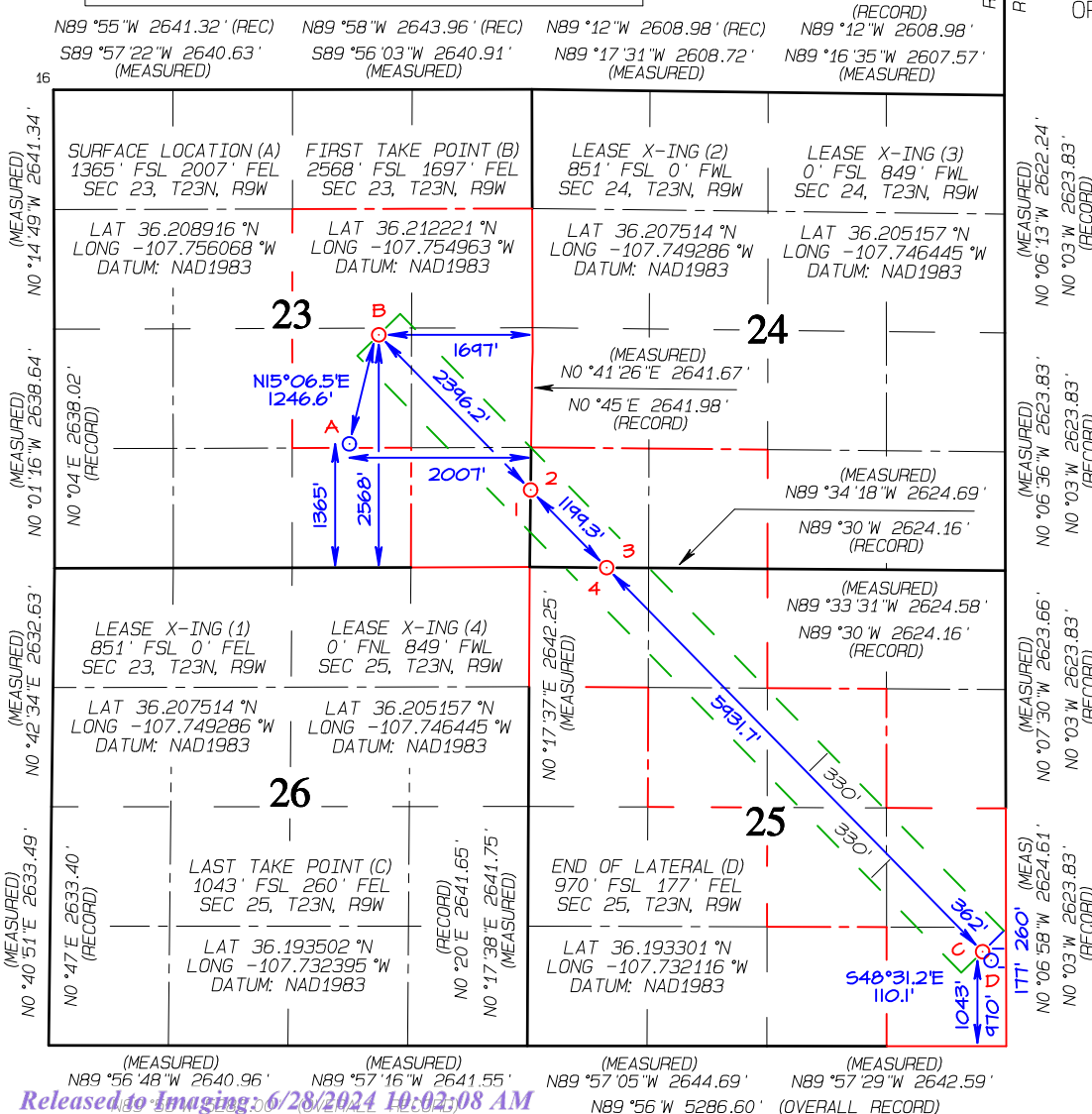
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	23	23N	9W		1365	SOUTH	2007	EAST	SAN JUAN

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
P	25	23N	9W		970	SOUTH	177	EAST	SAN JUAN

¹² Dedicated Acres 560.0	N/2 NW/4, SE/4 NW/4 SW/4 NE/4, N/2 SE/4 SE/4 SE/4 - Section 25 S/2 SW/4 - Section 24 N/2 SE/4, SE/4 SE/4 S/2 NE/4 - Section 23	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. R-22081
---	---	-------------------------------	----------------------------------	---

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.

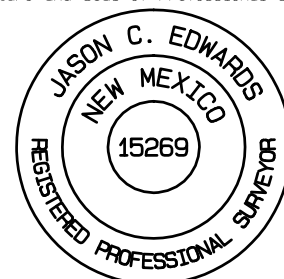
Signature: Heather Huntington Date: 2/29/24
Printed Name: Heather Huntington
E-mail Address: hhuntingtong@enduringresources.com

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: FEBRUARY 29, 2024
Survey Date: SEPTEMBER 29, 2021

Signature and Seal of Professional Surveyor



JASON C. EDWARDS
Certificate Number 15269

District II
811 S. First Street, Artesia, NM 88210
Phone: (575) 393-6161 Fax: (575) 393-0720

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 30-045-38310	² Pool Code 98157	³ Pool Name LYBROOK MANCOS W
⁴ Property Code 332891	⁵ Property Name GREATER LYBROOK UNIT	⁶ Well Number 056H
⁷ GRID No. 372286	⁸ Operator Name ENDURING RESOURCES, LLC	⁹ Elevation 6802'

¹⁰ Surface Location

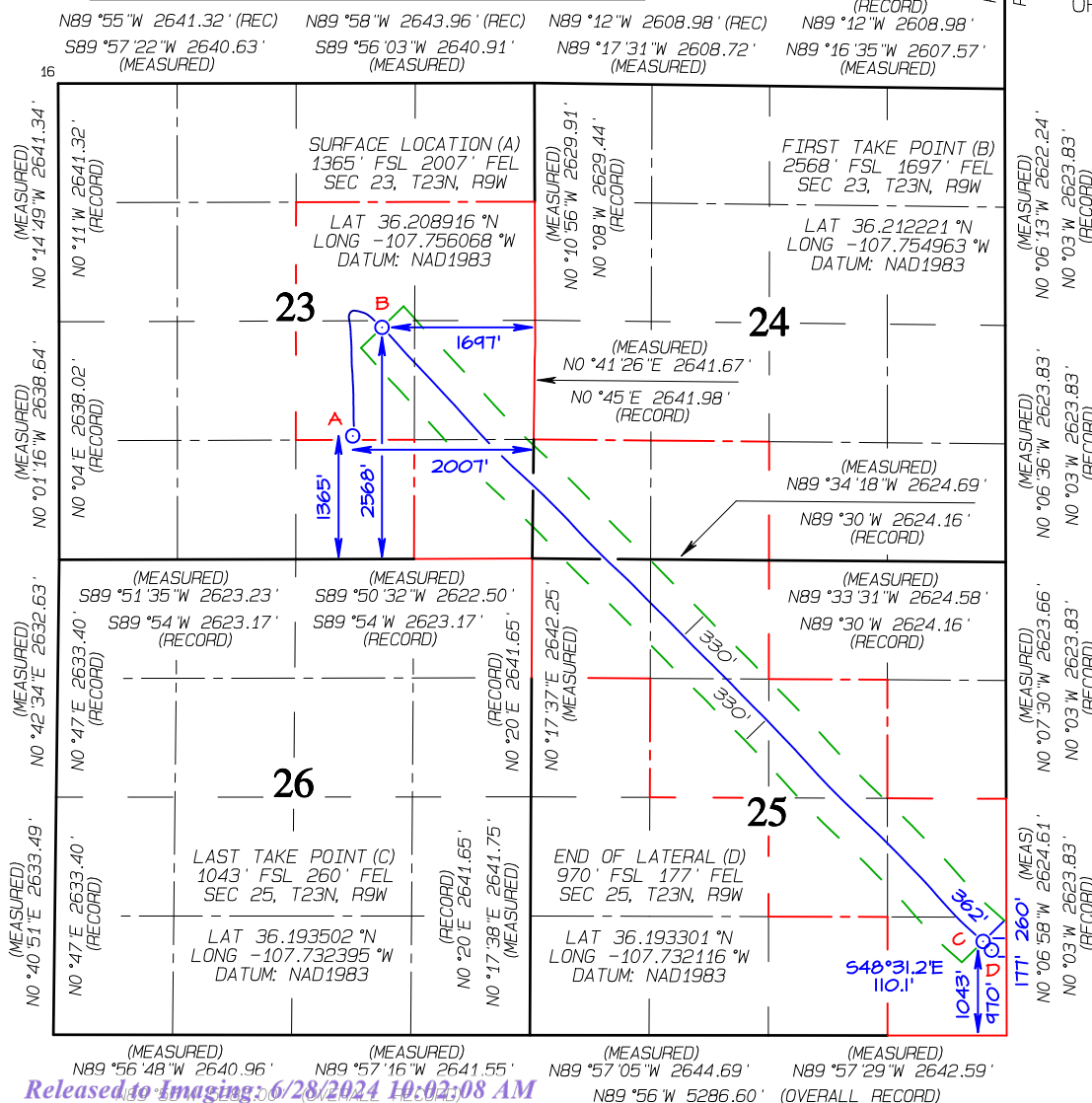
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	23	23N	9W		1365	SOUTH	2007	EAST	SAN JUAN

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
P	25	23N	9W		970	SOUTH	177	EAST	SAN JUAN

¹² Dedicated Acres 560.0	N/2 NW/4, SE/4 NW/4 SW/4 NE/4, N/2 SE/4 SE/4 SE/4 - Section 25 S/2 SW/4 - Section 24 N/2 SE/4, SE/4 SE/4 S/2 NE/4 - Section 23	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. R-22081
---	---	-------------------------------	----------------------------------	---

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.

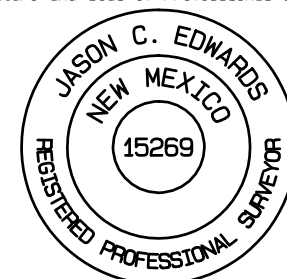
Signature Heather Huntington Date 2/29/24
Printed Name **Heather Huntington**
E-mail Address **hhuntington@enduringresources.com**

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: FEBRUARY 29, 2024
Survey Date: SEPTEMBER 29, 2021

Signature and Seal of Professional Surveyor



JASON C. EDWARDS
Certificate Number 15269



Well: Greater Lybrook Unit No. 056H
Site: Greater Lybrook 57 Pad (53,54,55,56 & 57)
Project: San Juan County, New Mexico NAD83 NM W
Design: MWD surveys
Rig: Aztec 1000

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=6802+25 @ 6827.00ft (Aztec 1000)

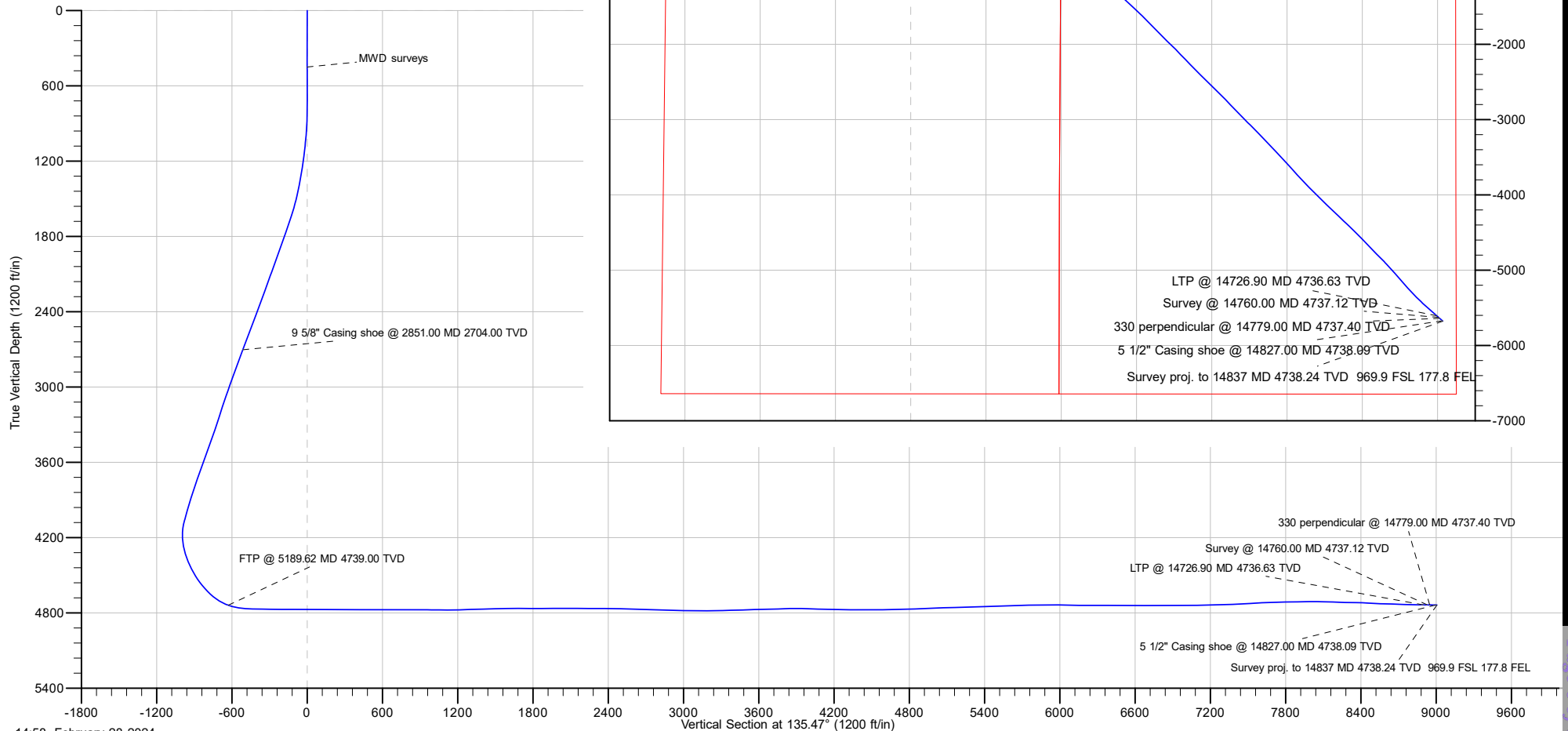
Surface location:
 Northing 1895352.13 Easting 2745885.35 Latitude 36.20891600 Longitude -107.75606800

Total Corr (M=>G): To convert a Magnetic Direction to a Grid Direction, Add 8.48°



Azimuths to Grid North
 True North: -0.05°
 Magnetic North: 8.48°

Magnetic Field
 Strength: 49032.3nT
 Dip Angle: 62.67°
 Date: 1/13/2024
 Model: IGRF2020



ANNOTATIONS SURVEYS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Vsect	Annotation
451.00	0.89	45.15	450.98	2.43	2.44	-0.02	MWD surveys
2851.00	26.08	356.27	2704.00	713.50	-5.10	-512.22	9 5/8\" Casing shoe @ 2851.00 MD 2704.00 TVD
5189.62	69.95	133.96	4739.00	1203.45	325.02	-629.99	FTP @ 5189.62 MD 4739.00 TVD
14726.90	89.11	131.67	4736.63	-5604.66	6989.60	8897.16	LTP @ 14726.90 MD 4736.63 TVD
14760.00	89.17	131.53	4737.12	-5626.64	7014.35	8930.18	Survey @ 14760.00 MD 4737.12 TVD
14779.00	89.17	131.53	4737.40	-5639.23	7028.57	8949.13	330 perpendicular @ 14779.00 MD 4737.40 TVD
14827.00	89.17	131.53	4738.09	-5671.05	7064.50	8997.01	5 1/2\" Casing shoe @ 14827.00 MD 4738.09 TVD
14837.00	89.17	131.53	4738.24	-5677.68	7071.99	9006.99	Survey proj. to 14837 MD 4738.24 TVD 969.9 FSL 177.8 FEL



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Greater Lybrook Unit No. 056H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB=6802+25 @ 6827.00ft (Aztec 1000)
Site:	Greater Lybrook 57 Pad (53,54,55,56 & 57)	MD Reference:	RKB=6802+25 @ 6827.00ft (Aztec 1000)
Well:	Greater Lybrook Unit No. 056H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	MWD surveys	Database:	DT_Feb1624_v17

Project	San Juan County, New Mexico NAD83 NM W		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Western Zone		

Site		Greater Lybrook 57 Pad (53,54,55,56 & 57)				
Site Position:		Northing:	1,895,341.59	usft	Latitude:	36.20888700
From:	Lat/Long	Easting:	2,745,902.47	usft	Longitude:	-107.75601000
Position Uncertainty:		0.00	ft	Slot Radius:	13-3/16	"

Well	Greater Lybrook Unit No. 056H, Surf loc: 1365 FSL 2007 FEL Section 23-T23N-T09W					
Well Position	+N/-S	0.00 ft	Northing:	1,895,352.13 usft	Latitude:	36.20891600
	+E/-W	0.00 ft	Easting:	2,745,885.35 usft	Longitude:	-107.75606800
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	6,802.00 ft
Grid Convergence:		0.05 °				

Wellbore	Original Hole				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	1/13/2024	8.53	62.67	49,032.27480223

Design	MWD surveys				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	0.00	0.00	0.00	135.47	

Survey Program	Date	2/28/2024			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
8.00	2,789.00	MWD int (Original Hole)	MWD	OWSG MWD - Standard	
2,883.00	14,760.00	MWD (Original Hole)	MWD	OWSG MWD - Standard	
14,837.00	14,837.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8.00	0.00	0.00	8.00	0.00	0.00	0.00	0.00	0.00	0.00	
451.00	0.89	45.15	450.98	2.43	2.44	-0.02	0.20	0.20	0.00	
MWD surveys										
480.00	1.10	50.21	479.98	2.76	2.81	0.00	0.78	0.72	17.45	
539.00	1.04	61.11	538.97	3.38	3.72	0.19	0.36	-0.10	18.47	
599.00	1.06	58.04	598.96	3.94	4.66	0.46	0.10	0.03	-5.12	
659.00	0.94	63.47	658.95	4.46	5.58	0.73	0.25	-0.20	9.05	



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Greater Lybrook Unit No. 056H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB=6802+25 @ 6827.00ft (Aztec 1000)
Site:	Greater Lybrook 57 Pad (53,54,55,56 & 57)	MD Reference:	RKB=6802+25 @ 6827.00ft (Aztec 1000)
Well:	Greater Lybrook Unit No. 056H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	MWD surveys	Database:	DT_Feb1624_v17

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
720.00	0.97	51.51	719.94	5.00	6.43	0.94	0.33	0.05	-19.61
781.00	1.48	33.29	780.93	5.98	7.26	0.83	1.04	0.84	-29.87
840.00	3.12	18.99	839.88	8.14	8.20	-0.05	2.92	2.78	-24.24
900.00	4.74	14.49	899.73	12.08	9.36	-2.05	2.75	2.70	-7.50
959.00	6.34	10.44	958.46	17.64	10.56	-5.17	2.79	2.71	-6.86
1,022.00	7.99	2.75	1,020.96	25.44	11.40	-10.14	3.02	2.62	-12.21
1,085.00	9.12	3.66	1,083.26	34.80	11.93	-16.44	1.81	1.79	1.44
1,148.00	10.26	0.97	1,145.36	45.39	12.34	-23.70	1.95	1.81	-4.27
1,212.00	11.57	0.14	1,208.20	57.51	12.45	-32.26	2.06	2.05	-1.30
1,275.00	12.80	1.47	1,269.78	70.80	12.65	-41.60	2.00	1.95	2.11
1,338.00	13.96	0.51	1,331.07	85.38	12.89	-51.82	1.87	1.84	-1.52
1,401.00	15.46	359.65	1,392.01	101.37	12.91	-63.21	2.41	2.38	-1.37
1,464.00	16.64	357.91	1,452.55	118.78	12.53	-75.89	2.02	1.87	-2.76
1,527.00	18.20	357.32	1,512.66	137.63	11.74	-89.88	2.49	2.48	-0.94
1,590.00	20.97	358.51	1,572.01	158.73	10.99	-105.45	4.44	4.40	1.89
1,653.00	23.79	359.16	1,630.26	182.71	10.51	-122.88	4.49	4.48	1.03
1,716.00	25.43	359.84	1,687.53	208.94	10.28	-141.74	2.64	2.60	1.08
1,779.00	25.92	359.20	1,744.31	236.24	10.05	-161.36	0.89	0.78	-1.02
1,842.00	25.98	359.36	1,800.96	263.80	9.71	-181.25	0.15	0.10	0.25
1,906.00	26.06	358.75	1,858.47	291.87	9.24	-201.59	0.44	0.13	-0.95
1,969.00	26.14	359.56	1,915.05	319.59	8.84	-221.63	0.58	0.13	1.29
2,032.00	26.85	359.88	1,971.43	347.69	8.70	-241.76	1.15	1.13	0.51
2,095.00	27.13	0.32	2,027.57	376.28	8.75	-262.11	0.55	0.44	0.70
2,158.00	26.87	359.20	2,083.70	404.88	8.63	-282.58	0.91	-0.41	-1.78
2,221.00	25.85	358.61	2,140.15	432.85	8.10	-302.89	1.67	-1.62	-0.94
2,284.00	26.10	358.72	2,196.79	460.43	7.46	-323.01	0.40	0.40	0.17
2,347.00	26.70	359.12	2,253.22	488.44	6.93	-343.34	0.99	0.95	0.63
2,410.00	26.80	357.91	2,309.48	516.79	6.19	-364.07	0.88	0.16	-1.92
2,473.00	26.15	356.73	2,365.87	544.84	4.88	-384.98	1.33	-1.03	-1.87
2,536.00	26.93	356.88	2,422.23	572.95	3.32	-406.12	1.24	1.24	0.24
2,599.00	27.05	356.32	2,478.37	601.49	1.62	-427.65	0.45	0.19	-0.89
2,662.00	26.89	356.71	2,534.52	630.01	-0.12	-449.20	0.38	-0.25	0.62
2,725.00	26.50	356.96	2,590.80	658.27	-1.68	-470.44	0.64	-0.62	0.40
2,789.00	25.82	356.28	2,648.25	686.43	-3.34	-491.69	1.16	-1.06	-1.06
2,851.00	26.08	356.27	2,704.00	713.50	-5.10	-512.22	0.41	0.41	-0.01
9 5/8" Casing shoe @ 2851.00 MD 2704.00 TVD									
2,883.00	26.21	356.27	2,732.72	727.57	-6.02	-522.90	0.41	0.41	-0.01
2,977.00	26.06	355.38	2,817.11	768.87	-9.03	-554.45	0.45	-0.16	-0.95
3,071.00	26.35	358.97	2,901.46	810.31	-11.07	-585.42	1.71	0.31	3.82
3,166.00	26.47	359.02	2,986.54	852.56	-11.81	-616.06	0.13	0.13	0.05
3,260.00	25.40	359.82	3,071.07	893.67	-12.24	-645.66	1.20	-1.14	0.85
3,355.00	24.54	358.66	3,157.19	933.76	-12.76	-674.61	1.04	-0.91	-1.22
3,449.00	24.00	357.78	3,242.89	972.38	-13.96	-702.98	0.69	-0.57	-0.94
3,544.00	25.41	358.23	3,329.19	1,012.06	-15.34	-732.24	1.50	1.48	0.47



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Greater Lybrook Unit No. 056H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB=6802+25 @ 6827.00ft (Aztec 1000)
Site:	Greater Lybrook 57 Pad (53,54,55,56 & 57)	MD Reference:	RKB=6802+25 @ 6827.00ft (Aztec 1000)
Well:	Greater Lybrook Unit No. 056H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	MWD surveys	Database:	DT_Feb1624_v17

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
3,638.00	23.26	355.67	3,414.83	1,050.73	-17.36	-761.22	2.55	-2.29	-2.72
3,733.00	24.76	356.32	3,501.61	1,089.29	-20.05	-790.60	1.60	1.58	0.68
3,827.00	26.18	357.79	3,586.47	1,129.66	-22.12	-820.82	1.65	1.51	1.56
3,921.00	26.33	356.52	3,670.78	1,171.19	-24.18	-851.88	0.62	0.16	-1.35
4,015.00	24.39	354.24	3,755.72	1,211.31	-27.40	-882.74	2.31	-2.06	-2.43
4,110.00	22.33	351.69	3,842.93	1,248.69	-31.97	-912.59	2.42	-2.17	-2.68
4,203.00	18.89	347.69	3,929.97	1,280.89	-37.74	-939.59	3.99	-3.70	-4.30
4,235.00	17.72	346.96	3,960.35	1,290.70	-39.94	-948.13	3.73	-3.66	-2.28
4,266.00	18.44	348.96	3,989.82	1,300.10	-41.94	-956.24	3.07	2.32	6.45
4,298.00	20.57	354.93	4,019.98	1,310.67	-43.41	-964.80	9.11	6.66	18.66
4,329.00	22.79	31.16	4,048.79	1,322.10	-43.56	-973.05	12.13	7.16	26.55
4,360.00	24.55	11.87	4,077.19	1,334.40	-41.90	-980.66	12.61	5.68	28.10
4,392.00	24.81	20.41	4,106.28	1,347.20	-38.20	-987.18	11.16	0.81	26.69
4,423.00	23.33	30.38	4,134.59	1,358.60	-32.82	-991.54	13.94	-4.77	32.16
4,454.00	22.30	40.46	4,163.18	1,368.37	-25.90	-993.65	13.02	-3.32	32.52
4,486.00	20.10	50.43	4,193.02	1,376.50	-17.71	-993.71	13.18	-6.88	31.16
4,518.00	18.28	61.23	4,223.25	1,382.42	-9.07	-991.87	12.44	-5.69	33.75
4,549.00	18.22	72.81	4,252.70	1,386.19	-0.18	-988.32	11.68	-0.19	37.35
4,580.00	19.08	83.17	4,282.08	1,388.23	9.48	-982.99	11.03	2.77	33.42
4,612.00	20.67	91.74	4,312.18	1,388.68	20.33	-975.71	10.36	4.97	26.78
4,644.00	22.25	97.44	4,341.97	1,387.72	31.98	-966.86	8.17	4.94	17.81
4,675.00	24.49	99.92	4,370.42	1,385.86	44.13	-957.00	7.89	7.23	8.00
4,707.00	26.93	102.85	4,399.25	1,383.10	57.73	-945.50	8.60	7.63	9.16
4,738.00	28.93	104.75	4,426.64	1,379.63	71.83	-933.14	7.06	6.45	6.13
4,770.00	31.04	105.03	4,454.36	1,375.52	87.28	-919.37	6.61	6.59	0.88
4,801.00	33.13	105.57	4,480.62	1,371.17	103.16	-905.14	6.81	6.74	1.74
4,833.00	34.76	108.93	4,507.17	1,365.86	120.22	-889.39	7.77	5.09	10.50
4,864.00	36.20	114.13	4,532.42	1,359.25	136.94	-872.96	10.78	4.65	16.77
4,896.00	37.92	119.83	4,557.96	1,350.50	154.10	-854.68	12.00	5.38	17.81
4,927.00	39.61	124.58	4,582.14	1,340.15	170.50	-835.80	11.03	5.45	15.32
4,959.00	41.36	128.41	4,606.48	1,327.78	187.19	-815.28	9.50	5.47	11.97
4,990.00	44.17	131.72	4,629.24	1,314.23	203.28	-794.33	11.60	9.06	10.68
5,021.00	47.03	133.23	4,650.92	1,299.27	219.61	-772.22	9.86	9.23	4.87
5,053.00	50.95	132.43	4,671.92	1,282.86	237.32	-748.10	12.39	12.25	-2.50
5,084.00	55.44	131.28	4,690.49	1,266.31	255.81	-723.34	14.78	14.48	-3.71
5,116.00	59.82	131.39	4,707.61	1,248.46	276.10	-696.39	13.69	13.69	0.34
5,148.00	63.90	132.37	4,722.70	1,229.63	297.10	-668.23	13.03	12.75	3.06
5,179.00	68.43	133.52	4,735.23	1,210.31	317.85	-639.91	15.00	14.61	3.71
5,189.62	69.95	133.96	4,739.00	1,203.45	325.02	-629.99	14.79	14.28	4.11
FTP @ 5189.62 MD 4739.00 TVD									
5,210.00	72.86	134.77	4,745.50	1,189.94	338.82	-610.68	14.79	14.30	3.99
5,242.00	77.00	135.34	4,753.82	1,168.08	360.65	-579.79	13.05	12.94	1.78
5,273.00	80.63	136.59	4,759.83	1,146.22	381.78	-549.38	12.36	11.71	4.03



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Greater Lybrook Unit No. 056H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB=6802+25 @ 6827.00ft (Aztec 1000)
Site:	Greater Lybrook 57 Pad (53,54,55,56 & 57)	MD Reference:	RKB=6802+25 @ 6827.00ft (Aztec 1000)
Well:	Greater Lybrook Unit No. 056H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	MWD surveys	Database:	DT_Feb1624_v17

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,304.00	83.79	137.29	4,764.03	1,123.78	402.75	-518.68	10.44	10.19	2.26
5,336.00	85.90	137.92	4,766.91	1,100.24	424.23	-486.84	6.88	6.59	1.97
5,368.00	87.91	138.39	4,768.63	1,076.44	445.55	-454.92	6.45	6.28	1.47
5,399.00	88.88	138.51	4,769.50	1,053.25	466.10	-423.97	3.15	3.13	0.39
5,431.00	89.09	138.95	4,770.07	1,029.20	487.21	-392.03	1.52	0.66	1.38
5,526.00	89.29	138.06	4,771.41	958.05	550.14	-297.17	0.96	0.21	-0.94
5,620.00	89.47	136.83	4,772.43	888.81	613.71	-203.24	1.32	0.19	-1.31
5,715.00	89.41	135.76	4,773.36	820.14	679.35	-108.25	1.13	-0.06	-1.13
5,809.00	89.52	136.68	4,774.24	752.28	744.38	-14.27	0.99	0.12	0.98
5,904.00	89.82	136.05	4,774.78	683.52	809.93	80.72	0.73	0.32	-0.66
5,998.00	90.54	137.32	4,774.49	615.13	874.42	174.70	1.55	0.77	1.35
6,092.00	90.26	137.42	4,773.83	545.97	938.08	268.64	0.32	-0.30	0.11
6,187.00	89.44	137.15	4,774.08	476.18	1,002.52	363.59	0.91	-0.86	-0.28
6,281.00	89.36	136.69	4,775.06	407.52	1,066.72	457.56	0.50	-0.09	-0.49
6,375.00	90.00	137.72	4,775.59	338.55	1,130.58	551.51	1.29	0.68	1.10
6,469.00	89.98	138.36	4,775.61	268.65	1,193.43	645.42	0.68	-0.02	0.68
6,563.00	89.86	137.96	4,775.74	198.62	1,256.13	739.31	0.44	-0.13	-0.43
6,657.00	89.87	137.70	4,775.96	128.95	1,319.24	833.23	0.28	0.01	-0.28
6,751.00	90.25	138.36	4,775.86	59.06	1,382.10	927.14	0.81	0.40	0.70
6,846.00	88.93	136.09	4,776.54	-10.66	1,446.61	1,022.08	2.76	-1.39	-2.39
6,940.00	90.23	138.18	4,777.23	-79.55	1,510.55	1,116.03	2.62	1.38	2.22
7,035.00	91.19	134.91	4,776.05	-148.50	1,575.87	1,210.99	3.59	1.01	-3.44
7,129.00	92.07	133.90	4,773.38	-214.25	1,643.00	1,304.94	1.42	0.94	-1.07
7,223.00	91.74	133.67	4,770.25	-279.26	1,710.82	1,398.85	0.43	-0.35	-0.24
7,318.00	91.25	133.35	4,767.77	-344.64	1,779.70	1,493.76	0.62	-0.52	-0.34
7,412.00	91.80	132.85	4,765.27	-408.84	1,848.31	1,587.64	0.79	0.59	-0.53
7,507.00	89.13	132.45	4,764.50	-473.20	1,918.17	1,682.52	2.84	-2.81	-0.42
7,601.00	89.21	132.09	4,765.86	-536.42	1,987.72	1,776.36	0.39	0.09	-0.38
7,695.00	90.66	134.36	4,765.97	-600.79	2,056.21	1,870.28	2.87	1.54	2.41
7,789.00	90.79	134.03	4,764.78	-666.31	2,123.60	1,964.25	0.38	0.14	-0.35
7,883.00	89.64	135.20	4,764.43	-732.33	2,190.51	2,058.23	1.75	-1.22	1.24
7,977.00	89.87	134.49	4,764.83	-798.62	2,257.16	2,152.23	0.79	0.24	-0.76
8,071.00	89.28	135.81	4,765.53	-865.25	2,323.45	2,246.22	1.54	-0.63	1.40
8,166.00	90.58	137.13	4,765.64	-934.13	2,388.87	2,341.20	1.95	1.37	1.39
8,260.00	88.25	137.68	4,766.60	-1,003.32	2,452.49	2,435.14	2.55	-2.48	0.59
8,354.00	88.67	136.77	4,769.13	-1,072.29	2,516.30	2,529.06	1.07	0.45	-0.97
8,448.00	88.62	136.45	4,771.35	-1,140.58	2,580.86	2,623.01	0.34	-0.05	-0.34
8,543.00	88.45	135.27	4,773.78	-1,208.73	2,646.99	2,717.98	1.25	-0.18	-1.24
8,637.00	88.57	135.20	4,776.23	-1,275.45	2,713.17	2,811.94	0.15	0.13	-0.07
8,731.00	88.59	134.82	4,778.56	-1,341.91	2,779.60	2,905.91	0.40	0.02	-0.40
8,826.00	87.89	133.06	4,781.47	-1,407.80	2,847.97	3,000.83	1.99	-0.74	-1.85
8,919.00	88.23	132.60	4,784.62	-1,470.98	2,916.14	3,093.68	0.61	0.37	-0.49
9,014.00	91.14	133.20	4,785.14	-1,535.64	2,985.72	3,188.57	3.13	3.06	0.63



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Greater Lybrook Unit No. 056H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB=6802+25 @ 6827.00ft (Aztec 1000)
Site:	Greater Lybrook 57 Pad (53,54,55,56 & 57)	MD Reference:	RKB=6802+25 @ 6827.00ft (Aztec 1000)
Well:	Greater Lybrook Unit No. 056H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	MWD surveys	Database:	DT_Feb1624_v17

Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
9,108.00	91.85	133.31	4,782.69	-1,600.04	3,054.16	3,282.47	0.76	0.76	0.12	
9,202.00	91.60	136.01	4,779.86	-1,666.07	3,120.98	3,376.40	2.88	-0.27	2.87	
9,296.00	91.39	135.44	4,777.41	-1,733.35	3,186.58	3,470.37	0.65	-0.22	-0.61	
9,391.00	91.86	135.77	4,774.71	-1,801.21	3,253.02	3,565.33	0.60	0.49	0.35	
9,485.00	91.68	134.92	4,771.81	-1,868.04	3,319.05	3,659.29	0.92	-0.19	-0.90	
9,579.00	91.59	134.52	4,769.13	-1,934.16	3,385.82	3,753.24	0.44	-0.10	-0.43	
9,674.00	91.74	134.05	4,766.37	-2,000.46	3,453.79	3,848.18	0.52	0.16	-0.49	
9,768.00	88.74	136.14	4,765.98	-2,067.02	3,520.14	3,942.16	3.89	-3.19	2.22	
9,862.00	87.97	135.83	4,768.67	-2,134.60	3,585.43	4,036.12	0.88	-0.82	-0.33	
9,956.00	88.14	135.49	4,771.86	-2,201.79	3,651.09	4,130.06	0.40	0.18	-0.36	
10,050.00	89.41	136.51	4,773.87	-2,269.39	3,716.37	4,224.03	1.73	1.35	1.09	
10,144.00	89.23	135.38	4,774.99	-2,336.94	3,781.73	4,318.02	1.22	-0.19	-1.20	
10,239.00	89.45	134.50	4,776.08	-2,404.04	3,848.97	4,413.01	0.95	0.23	-0.93	
10,333.00	89.26	134.22	4,777.14	-2,469.75	3,916.17	4,506.99	0.36	-0.20	-0.30	
10,427.00	91.77	134.72	4,776.30	-2,535.60	3,983.24	4,600.96	2.72	2.67	0.53	
10,520.00	91.99	134.35	4,773.25	-2,600.79	4,049.50	4,693.90	0.46	0.24	-0.40	
10,615.00	92.07	134.04	4,769.88	-2,666.97	4,117.57	4,788.82	0.34	0.08	-0.33	
10,709.00	91.80	136.58	4,766.71	-2,733.75	4,183.63	4,882.75	2.72	-0.29	2.70	
10,803.00	92.11	136.67	4,763.50	-2,802.04	4,248.15	4,976.68	0.34	0.33	0.10	
10,897.00	92.13	135.97	4,760.02	-2,869.97	4,313.02	5,070.60	0.74	0.02	-0.74	
10,991.00	91.76	135.36	4,756.83	-2,937.17	4,378.68	5,164.55	0.76	-0.39	-0.65	
11,086.00	91.99	135.51	4,753.72	-3,004.82	4,445.30	5,259.50	0.29	0.24	0.16	
11,180.00	91.05	134.02	4,751.23	-3,070.98	4,512.02	5,353.45	1.87	-1.00	-1.59	
11,274.00	91.50	135.90	4,749.14	-3,137.39	4,578.51	5,447.42	2.06	0.48	2.00	
11,368.00	92.07	136.31	4,746.21	-3,205.09	4,643.66	5,541.37	0.75	0.61	0.44	
11,462.00	92.60	135.73	4,742.38	-3,272.68	4,708.88	5,635.29	0.84	0.56	-0.62	
11,556.00	91.09	136.93	4,739.35	-3,340.63	4,773.75	5,729.22	2.05	-1.61	1.28	
11,650.00	90.35	136.14	4,738.17	-3,408.85	4,838.40	5,823.20	1.15	-0.79	-0.84	
11,745.00	90.46	137.00	4,737.50	-3,477.84	4,903.71	5,918.18	0.91	0.12	0.91	
11,838.00	88.76	138.06	4,738.13	-3,546.43	4,966.50	6,011.11	2.15	-1.83	1.14	
11,933.00	88.99	137.17	4,740.00	-3,616.59	5,030.53	6,106.03	0.97	0.24	-0.94	
12,027.00	90.03	138.29	4,740.80	-3,686.14	5,093.75	6,199.95	1.63	1.11	1.19	
12,121.00	89.84	137.09	4,740.91	-3,755.65	5,157.02	6,293.87	1.29	-0.20	-1.28	
12,215.00	89.93	136.36	4,741.10	-3,824.09	5,221.46	6,387.85	0.78	0.10	-0.78	
12,309.00	89.84	135.95	4,741.29	-3,891.89	5,286.57	6,481.84	0.45	-0.10	-0.44	
12,403.00	89.96	134.78	4,741.45	-3,958.77	5,352.62	6,575.84	1.25	0.13	-1.24	
12,497.00	90.21	134.91	4,741.31	-4,025.06	5,419.26	6,669.84	0.30	0.27	0.14	
12,592.00	89.85	134.37	4,741.26	-4,091.81	5,486.86	6,764.83	0.68	-0.38	-0.57	
12,686.00	89.09	133.38	4,742.13	-4,156.96	5,554.62	6,858.78	1.33	-0.81	-1.05	
12,780.00	90.78	133.61	4,742.24	-4,221.66	5,622.80	6,952.72	1.81	1.80	0.24	
12,874.00	91.11	133.43	4,740.69	-4,286.38	5,690.96	7,046.66	0.40	0.35	-0.19	
12,968.00	91.07	132.76	4,738.90	-4,350.59	5,759.59	7,140.56	0.71	-0.04	-0.71	
13,062.00	91.81	134.54	4,736.54	-4,415.45	5,827.58	7,234.48	2.05	0.79	1.89	
13,157.00	90.75	134.19	4,734.42	-4,481.86	5,895.47	7,329.43	1.18	-1.12	-0.37	



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Greater Lybrook Unit No. 056H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB=6802+25 @ 6827.00ft (Aztec 1000)
Site:	Greater Lybrook 57 Pad (53,54,55,56 & 57)	MD Reference:	RKB=6802+25 @ 6827.00ft (Aztec 1000)
Well:	Greater Lybrook Unit No. 056H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	MWD surveys	Database:	DT_Feb1624_v17

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
13,251.00	93.04	135.99	4,731.31	-4,548.38	5,961.79	7,423.37	3.10	2.44	1.91
13,345.00	93.37	135.88	4,726.05	-4,615.82	6,027.07	7,517.22	0.37	0.35	-0.12
13,439.00	93.18	135.23	4,720.68	-4,682.82	6,092.78	7,611.07	0.72	-0.20	-0.69
13,533.00	91.92	136.95	4,716.50	-4,750.47	6,157.90	7,704.96	2.27	-1.34	1.83
13,628.00	90.70	134.95	4,714.33	-4,818.73	6,223.93	7,799.93	2.47	-1.28	-2.11
13,723.00	91.40	135.10	4,712.59	-4,885.92	6,291.07	7,894.91	0.75	0.74	0.16
13,817.00	90.72	138.39	4,710.85	-4,954.36	6,355.46	7,988.85	3.57	-0.72	3.50
13,912.00	88.31	139.07	4,711.65	-5,025.75	6,418.12	8,083.69	2.64	-2.54	0.72
14,006.00	88.12	138.44	4,714.58	-5,096.40	6,480.06	8,177.49	0.70	-0.20	-0.67
14,100.00	88.47	138.10	4,717.38	-5,166.52	6,542.60	8,271.33	0.52	0.37	-0.36
14,195.00	88.88	137.98	4,719.57	-5,237.14	6,606.10	8,366.21	0.45	0.43	-0.13
14,289.00	87.41	137.21	4,722.61	-5,306.51	6,669.45	8,460.10	1.77	-1.56	-0.82
14,383.00	87.47	134.23	4,726.81	-5,373.74	6,735.01	8,553.99	3.17	0.06	-3.17
14,477.00	88.21	132.33	4,730.36	-5,438.13	6,803.39	8,647.85	2.17	0.79	-2.02
14,571.00	88.20	131.49	4,733.30	-5,500.89	6,873.31	8,741.62	0.89	-0.01	-0.89
14,666.00	89.00	131.93	4,735.62	-5,564.08	6,944.21	8,836.39	0.96	0.84	0.46
14,726.90	89.11	131.67	4,736.63	-5,604.66	6,989.60	8,897.16	0.46	0.18	-0.43
LTP @ 14726.90 MD 4736.63 TVD									
14,760.00	89.17	131.53	4,737.12	-5,626.64	7,014.35	8,930.18	0.46	0.18	-0.43
Survey @ 14760.00 MD 4737.12 TVD									
14,779.00	89.17	131.53	4,737.40	-5,639.23	7,028.57	8,949.13	0.00	0.00	0.00
330 perpendicular @ 14779.00 MD 4737.40 TVD									
14,827.00	89.17	131.53	4,738.09	-5,671.05	7,064.50	8,997.01	0.00	0.00	0.00
5 1/2" Casing shoe @ 14827.00 MD 4738.09 TVD									
14,837.00	89.17	131.53	4,738.24	-5,677.68	7,071.99	9,006.99	0.00	0.00	0.00
Survey proj. to 14837 MD 4738.24 TVD 969.9 FSL 177.8 FEL									

Design Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
451.00	450.98	2.43	2.44	MWD surveys
2,851.00	2,704.00	713.50	-5.10	9 5/8" Casing shoe @ 2851.00 MD 2704.00 TVD
5,189.62	4,739.00	1,203.45	325.02	FTP @ 5189.62 MD 4739.00 TVD
14,726.90	4,736.63	-5,604.66	6,989.60	LTP @ 14726.90 MD 4736.63 TVD
14,760.00	4,737.12	-5,626.64	7,014.35	Survey @ 14760.00 MD 4737.12 TVD
14,779.00	4,737.40	-5,639.23	7,028.57	330 perpendicular @ 14779.00 MD 4737.40 TVD
14,827.00	4,738.09	-5,671.05	7,064.50	5 1/2" Casing shoe @ 14827.00 MD 4738.09 TVD
14,837.00	4,738.24	-5,677.68	7,071.99	Survey proj. to 14837 MD 4738.24 TVD 969.9 FSL 177.8 FEL



Survey Report - Geographic



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Greater Lybrook Unit No. 056H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB=6802+25 @ 6827.00ft (Aztec 1000)
Site:	Greater Lybrook 57 Pad (53,54,55,56 & 57)	MD Reference:	RKB=6802+25 @ 6827.00ft (Aztec 1000)
Well:	Greater Lybrook Unit No. 056H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	MWD surveys	Database:	DT_Feb1624_v17

Project	San Juan County, New Mexico NAD83 NM W		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Western Zone		

Site	Greater Lybrook 57 Pad (53,54,55,56 & 57)				
Site Position:		Northing:	1,895,341.59 usft	Latitude:	36.20888700
From:	Lat/Long	Easting:	2,745,902.47 usft	Longitude:	-107.75601000
Position Uncertainty:	0.00 ft	Slot Radius:	13-3/16 "	Grid Convergence:	0.05 °

Well	Greater Lybrook Unit No. 056H, Surf loc: 1365 FSL 2007 FEL Section 23-T23N-T09W					
Well Position	+N/-S	0.00 ft	Northing:	1,895,352.13 usft	Latitude:	36.20891600
	+E/-W	0.00 ft	Easting:	2,745,885.35 usft	Longitude:	-107.75606800
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	6,802.00 ft

Wellbore	Original Hole				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	1/13/2024	8.53	62.67	49,032.27480223

Design	MWD surveys				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	0.00	0.00	0.00	135.47	

Survey Program	Date	2/28/2024			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
8.00	2,789.00	MWD int (Original Hole)	MWD	OWSG MWD - Standard	
2,883.00	14,760.00	MWD (Original Hole)	MWD	OWSG MWD - Standard	
14,837.00	14,837.00	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	0.00	0.00	0.00	0.00	1,895,352.13	2,745,885.35	36.20891600	-107.75606800	
8.00	0.00	0.00	8.00	0.00	0.00	1,895,352.13	2,745,885.35	36.20891600	-107.75606800	
451.00	0.89	45.15	450.98	2.43	2.44	1,895,354.56	2,745,887.79	36.20892266	-107.75605973	
MWD surveys										
480.00	1.10	50.21	479.98	2.76	2.81	1,895,354.89	2,745,888.16	36.20892359	-107.75605846	
539.00	1.04	61.11	538.97	3.38	3.72	1,895,355.51	2,745,889.07	36.20892529	-107.75605540	
599.00	1.06	58.04	598.96	3.94	4.66	1,895,356.07	2,745,890.01	36.20892682	-107.75605218	
659.00	0.94	63.47	658.95	4.46	5.58	1,895,356.58	2,745,890.93	36.20892823	-107.75604909	
720.00	0.97	51.51	719.94	5.00	6.43	1,895,357.13	2,745,891.78	36.20892972	-107.75604620	
781.00	1.48	33.29	780.93	5.98	7.26	1,895,358.11	2,745,892.61	36.20893241	-107.75604337	



Survey Report - Geographic



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Greater Lybrook Unit No. 056H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB=6802+25 @ 6827.00ft (Aztec 1000)
Site:	Greater Lybrook 57 Pad (53,54,55,56 & 57)	MD Reference:	RKB=6802+25 @ 6827.00ft (Aztec 1000)
Well:	Greater Lybrook Unit No. 056H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	MWD surveys	Database:	DT_Feb1624_v17

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
840.00	3.12	18.99	839.88	8.14	8.20	1,895,360.26	2,745,893.55	36.20893833	-107.75604017
900.00	4.74	14.49	899.73	12.08	9.36	1,895,364.21	2,745,894.71	36.20894916	-107.75603626
959.00	6.34	10.44	958.46	17.64	10.56	1,895,369.77	2,745,895.91	36.20896445	-107.75603217
1,022.00	7.99	2.75	1,020.96	25.44	11.40	1,895,377.57	2,745,896.75	36.20898586	-107.75602930
1,085.00	9.12	3.66	1,083.26	34.80	11.93	1,895,386.92	2,745,897.28	36.20901156	-107.75602748
1,148.00	10.26	0.97	1,145.36	45.39	12.34	1,895,397.52	2,745,897.69	36.20904066	-107.75602605
1,212.00	11.57	0.14	1,208.20	57.51	12.45	1,895,409.64	2,745,897.80	36.20907395	-107.75602564
1,275.00	12.80	1.47	1,269.78	70.80	12.65	1,895,422.93	2,745,898.00	36.20911047	-107.75602495
1,338.00	13.96	0.51	1,331.07	85.38	12.89	1,895,437.51	2,745,898.24	36.20915051	-107.75602407
1,401.00	15.46	359.65	1,392.01	101.37	12.91	1,895,453.50	2,745,898.26	36.20919445	-107.75602397
1,464.00	16.64	357.91	1,452.55	118.78	12.53	1,895,470.91	2,745,897.88	36.20924228	-107.75602521
1,527.00	18.20	357.32	1,512.66	137.63	11.74	1,895,489.76	2,745,897.09	36.20929405	-107.75602784
1,590.00	20.97	358.51	1,572.01	158.73	10.99	1,895,510.86	2,745,896.34	36.20935202	-107.75603033
1,653.00	23.79	359.16	1,630.26	182.71	10.51	1,895,534.84	2,745,895.86	36.20941789	-107.75603189
1,716.00	25.43	359.84	1,687.53	208.94	10.28	1,895,561.07	2,745,895.63	36.20948996	-107.75603258
1,779.00	25.92	359.20	1,744.31	236.24	10.05	1,895,588.37	2,745,895.40	36.20956494	-107.75603329
1,842.00	25.98	359.36	1,800.96	263.80	9.71	1,895,615.93	2,745,895.06	36.20964067	-107.75603439
1,906.00	26.06	358.75	1,858.47	291.87	9.24	1,895,644.00	2,745,894.59	36.20971778	-107.75603588
1,969.00	26.14	359.56	1,915.05	319.59	8.84	1,895,671.72	2,745,894.19	36.20979391	-107.75603719
2,032.00	26.85	359.88	1,971.43	347.69	8.70	1,895,699.82	2,745,894.05	36.20987112	-107.75603758
2,095.00	27.13	0.32	2,027.57	376.28	8.75	1,895,728.41	2,745,894.10	36.20994966	-107.75603733
2,158.00	26.87	359.20	2,083.70	404.88	8.63	1,895,757.01	2,745,893.98	36.21002823	-107.75603766
2,221.00	25.85	358.61	2,140.15	432.85	8.10	1,895,784.98	2,745,893.45	36.21010506	-107.75603938
2,284.00	26.10	358.72	2,196.79	460.43	7.46	1,895,812.56	2,745,892.81	36.21018084	-107.75604149
2,347.00	26.70	359.12	2,253.22	488.44	6.93	1,895,840.57	2,745,892.28	36.21025778	-107.75604320
2,410.00	26.80	357.91	2,309.48	516.79	6.19	1,895,868.92	2,745,891.54	36.21033565	-107.75604561
2,473.00	26.15	356.73	2,365.87	544.84	4.88	1,895,896.97	2,745,890.23	36.21041272	-107.75604998
2,536.00	26.93	356.88	2,422.23	572.95	3.32	1,895,925.07	2,745,888.67	36.21048993	-107.75605522
2,599.00	27.05	356.32	2,478.37	601.49	1.62	1,895,953.62	2,745,886.97	36.21056834	-107.75606089
2,662.00	26.89	356.71	2,534.52	630.01	-0.12	1,895,982.13	2,745,885.23	36.21064668	-107.75606670
2,725.00	26.50	356.96	2,590.80	658.27	-1.68	1,896,010.39	2,745,883.67	36.21072432	-107.75607192
2,789.00	25.82	356.28	2,648.25	686.43	-3.34	1,896,038.56	2,745,882.01	36.21080170	-107.75607748
2,851.00	26.08	356.27	2,704.00	713.50	-5.10	1,896,065.63	2,745,880.25	36.21087607	-107.75608338
9 5/8" Casing shoe @ 2851.00 MD 2704.00 TVD									
2,883.00	26.21	356.27	2,732.72	727.57	-6.02	1,896,079.70	2,745,879.33	36.21091472	-107.75608645
2,977.00	26.06	355.38	2,817.11	768.87	-9.03	1,896,121.00	2,745,876.32	36.21102817	-107.75609655
3,071.00	26.35	358.97	2,901.46	810.31	-11.07	1,896,162.44	2,745,874.28	36.21114202	-107.75610335
3,166.00	26.47	359.02	2,986.54	852.56	-11.81	1,896,204.69	2,745,873.54	36.21125808	-107.75610575
3,260.00	25.40	359.82	3,071.07	893.67	-12.24	1,896,245.79	2,745,873.11	36.21137101	-107.75610707
3,355.00	24.54	358.66	3,157.19	933.76	-12.76	1,896,285.89	2,745,872.59	36.21148116	-107.75610874
3,449.00	24.00	357.78	3,242.89	972.38	-13.96	1,896,324.51	2,745,871.39	36.21158725	-107.75611269
3,544.00	25.41	358.23	3,329.19	1,012.06	-15.34	1,896,364.19	2,745,870.01	36.21169626	-107.75611726
3,638.00	23.26	355.67	3,414.83	1,050.73	-17.36	1,896,402.86	2,745,867.99	36.21180249	-107.75612402
3,733.00	24.76	356.32	3,501.61	1,089.29	-20.05	1,896,441.42	2,745,865.30	36.21190843	-107.75613304
3,827.00	26.18	357.79	3,586.47	1,129.66	-22.12	1,896,481.79	2,745,863.23	36.21201932	-107.75613993
3,921.00	26.33	356.52	3,670.78	1,171.19	-24.18	1,896,523.31	2,745,861.17	36.21213341	-107.75614682
4,015.00	24.39	354.24	3,755.72	1,211.31	-27.40	1,896,563.44	2,745,857.95	36.21224364	-107.75615760
4,110.00	22.33	351.69	3,842.93	1,248.69	-31.97	1,896,600.82	2,745,853.38	36.21234633	-107.75617302
4,203.00	18.89	347.69	3,929.97	1,280.89	-37.74	1,896,633.02	2,745,847.61	36.21243480	-107.75619247
4,235.00	17.72	346.96	3,960.35	1,290.70	-39.94	1,896,642.82	2,745,845.41	36.21246175	-107.75619992
4,266.00	18.44	348.96	3,989.82	1,300.10	-41.94	1,896,652.23	2,745,843.41	36.21248760	-107.75620668
4,298.00	20.57	354.93	4,019.98	1,310.67	-43.41	1,896,662.80	2,745,841.94	36.21251663	-107.75621162
4,329.00	22.79	3.16	4,048.79	1,322.10	-43.56	1,896,674.22	2,745,841.79	36.21254802	-107.75621210
4,360.00	24.55	11.87	4,077.19	1,334.40	-41.90	1,896,686.53	2,745,843.45	36.21258181	-107.75620646
4,392.00	24.81	20.41	4,106.28	1,347.20	-38.20	1,896,699.33	2,745,847.16	36.21261697	-107.75619384



Survey Report - Geographic



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Greater Lybrook Unit No. 056H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB=6802+25 @ 6827.00ft (Aztec 1000)
Site:	Greater Lybrook 57 Pad (53,54,55,56 & 57)	MD Reference:	RKB=6802+25 @ 6827.00ft (Aztec 1000)
Well:	Greater Lybrook Unit No. 056H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	MWD surveys	Database:	DT_Feb1624_v17

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
4,423.00	23.33	30.38	4,134.59	1,358.60	-32.82	1,896,710.73	2,745,852.53	36.21264826	-107.75617559
4,454.00	22.30	40.46	4,163.18	1,368.37	-25.90	1,896,720.50	2,745,859.45	36.21267510	-107.75615210
4,486.00	20.10	50.43	4,193.02	1,376.50	-17.71	1,896,728.63	2,745,867.64	36.21269740	-107.75612434
4,518.00	18.28	61.23	4,223.25	1,382.42	-9.07	1,896,734.55	2,745,876.28	36.21271365	-107.75609503
4,549.00	18.22	72.81	4,252.70	1,386.19	-0.18	1,896,738.32	2,745,885.17	36.21272400	-107.75606487
4,580.00	19.08	83.17	4,282.08	1,388.23	9.48	1,896,740.35	2,745,894.83	36.21272957	-107.75603210
4,612.00	20.67	91.74	4,312.18	1,388.68	20.33	1,896,740.81	2,745,905.68	36.21273078	-107.75599535
4,644.00	22.25	97.44	4,341.97	1,387.72	31.98	1,896,739.85	2,745,917.33	36.21272813	-107.75595584
4,675.00	24.49	99.92	4,370.42	1,385.86	44.13	1,896,737.98	2,745,929.48	36.21272297	-107.75591466
4,707.00	26.93	102.85	4,399.25	1,383.10	57.73	1,896,735.23	2,745,943.08	36.21271538	-107.75586856
4,738.00	28.93	104.75	4,426.64	1,379.63	71.83	1,896,731.76	2,745,957.18	36.21270581	-107.75582078
4,770.00	31.04	105.03	4,454.36	1,375.52	87.28	1,896,727.65	2,745,972.63	36.21269448	-107.75576841
4,801.00	33.13	105.57	4,480.62	1,371.17	103.16	1,896,723.30	2,745,988.51	36.21268251	-107.75571458
4,833.00	34.76	108.93	4,507.17	1,365.86	120.22	1,896,717.99	2,746,005.57	36.21266789	-107.75565678
4,864.00	36.20	114.13	4,532.42	1,359.25	136.94	1,896,711.38	2,746,022.29	36.21264969	-107.75560012
4,896.00	37.92	119.83	4,557.96	1,350.50	154.10	1,896,702.62	2,746,039.45	36.21262560	-107.75554197
4,927.00	39.61	124.58	4,582.14	1,340.15	170.50	1,896,692.27	2,746,055.85	36.21259713	-107.75548639
4,959.00	41.36	128.41	4,606.48	1,327.78	187.19	1,896,679.91	2,746,072.54	36.21256313	-107.75542986
4,990.00	44.17	131.72	4,629.24	1,314.23	203.28	1,896,666.36	2,746,088.63	36.21252586	-107.75537534
5,021.00	47.03	133.23	4,650.92	1,299.27	219.61	1,896,651.40	2,746,104.96	36.21248473	-107.75532003
5,053.00	50.95	132.43	4,671.92	1,282.86	237.32	1,896,634.99	2,746,122.67	36.21243962	-107.75526004
5,084.00	55.44	131.28	4,690.49	1,266.31	255.81	1,896,618.44	2,746,141.16	36.21239411	-107.75519742
5,116.00	59.82	131.39	4,707.61	1,248.46	276.10	1,896,600.59	2,746,161.45	36.21234503	-107.75512869
5,148.00	63.90	132.37	4,722.70	1,229.63	297.10	1,896,581.75	2,746,182.45	36.21229324	-107.75505755
5,179.00	68.43	133.52	4,735.23	1,210.31	317.85	1,896,562.44	2,746,203.19	36.21224013	-107.75498727
5,189.62	69.95	133.96	4,739.00	1,203.45	325.02	1,896,555.57	2,746,210.37	36.21222126	-107.75496298
FTP @ 5189.62 MD 4739.00 TVD									
5,210.00	72.86	134.77	4,745.50	1,189.94	338.82	1,896,542.07	2,746,224.17	36.21218413	-107.75491621
5,242.00	77.00	135.34	4,753.82	1,168.08	360.65	1,896,520.20	2,746,246.00	36.21212401	-107.75484229
5,273.00	80.63	136.59	4,759.83	1,146.22	381.78	1,896,498.34	2,746,267.13	36.21206391	-107.75477071
5,304.00	83.79	137.29	4,764.03	1,123.78	402.75	1,896,475.90	2,746,288.10	36.21200223	-107.75469970
5,336.00	85.90	137.92	4,766.91	1,100.24	424.23	1,896,452.37	2,746,309.58	36.21193753	-107.75462693
5,368.00	87.91	138.39	4,768.63	1,076.44	445.55	1,896,428.57	2,746,330.90	36.21187209	-107.75455474
5,399.00	88.88	138.51	4,769.50	1,053.25	466.10	1,896,405.38	2,746,351.45	36.21180834	-107.75448513
5,431.00	89.09	138.95	4,770.07	1,029.20	487.21	1,896,381.33	2,746,372.56	36.21174223	-107.75441365
5,526.00	89.29	138.06	4,771.41	958.05	550.14	1,896,310.18	2,746,435.49	36.21154664	-107.75420050
5,620.00	89.47	136.83	4,772.43	888.81	613.71	1,896,240.94	2,746,499.06	36.21135629	-107.75398521
5,715.00	89.41	135.76	4,773.36	820.14	679.35	1,896,172.27	2,746,564.69	36.21116750	-107.75376291
5,809.00	89.52	136.68	4,774.24	752.28	744.38	1,896,104.41	2,746,629.73	36.21098092	-107.75354264
5,904.00	89.82	136.05	4,774.78	683.52	809.93	1,896,035.65	2,746,695.28	36.21079190	-107.75332061
5,998.00	90.54	137.32	4,774.49	615.13	874.42	1,895,967.26	2,746,759.76	36.21060387	-107.75310222
6,092.00	90.26	137.42	4,773.83	545.97	938.08	1,895,898.10	2,746,823.43	36.21041375	-107.75288661
6,187.00	89.44	137.15	4,774.08	476.18	1,002.52	1,895,828.30	2,746,887.87	36.21022185	-107.75266836
6,281.00	89.36	136.69	4,775.06	407.52	1,066.72	1,895,759.65	2,746,952.07	36.21003311	-107.75245093
6,375.00	90.00	137.72	4,775.59	338.55	1,130.58	1,895,690.68	2,747,015.93	36.20984349	-107.75223465
6,469.00	89.98	138.36	4,775.61	268.65	1,193.43	1,895,620.78	2,747,078.78	36.20965132	-107.75202181
6,563.00	89.86	137.96	4,775.74	198.62	1,256.13	1,895,550.75	2,747,141.48	36.20945880	-107.75180946
6,657.00	89.87	137.70	4,775.96	128.95	1,319.24	1,895,481.08	2,747,204.58	36.20926726	-107.75159574
6,751.00	90.25	138.36	4,775.86	59.06	1,382.10	1,895,411.19	2,747,267.44	36.20907513	-107.75138286
6,846.00	88.93	136.09	4,776.54	-10.66	1,446.61	1,895,341.47	2,747,331.95	36.20888344	-107.75116439
6,940.00	90.23	138.18	4,777.23	-79.55	1,510.55	1,895,272.58	2,747,395.89	36.20869404	-107.75094785
7,035.00	91.19	134.91	4,776.05	-148.50	1,575.87	1,895,203.63	2,747,461.22	36.20850449	-107.75072661
7,129.00	92.07	133.90	4,773.38	-214.25	1,643.00	1,895,137.88	2,747,528.34	36.20832372	-107.75049926
7,223.00	91.74	133.67	4,770.25	-279.26	1,710.82	1,895,072.88	2,747,596.17	36.20814498	-107.75026954
7,318.00	91.25	133.35	4,767.77	-344.64	1,779.70	1,895,007.49	2,747,665.04	36.20796520	-107.75003626



Survey Report - Geographic



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Greater Lybrook Unit No. 056H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB=6802+25 @ 6827.00ft (Aztec 1000)
Site:	Greater Lybrook 57 Pad (53,54,55,56 & 57)	MD Reference:	RKB=6802+25 @ 6827.00ft (Aztec 1000)
Well:	Greater Lybrook Unit No. 056H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	MWD surveys	Database:	DT_Feb1624_v17

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
7,412.00	91.80	132.85	4,765.27	-408.84	1,848.31	1,894,943.29	2,747,733.65	36.20778866	-107.74980388
7,507.00	89.13	132.45	4,764.50	-473.20	1,918.17	1,894,878.93	2,747,803.52	36.20761171	-107.74956725
7,601.00	89.21	132.09	4,765.86	-536.42	1,987.72	1,894,815.71	2,747,873.07	36.20743787	-107.74933168
7,695.00	90.66	134.36	4,765.97	-600.79	2,056.21	1,894,751.34	2,747,941.56	36.20726087	-107.74909971
7,789.00	90.79	134.03	4,764.78	-666.31	2,123.60	1,894,685.82	2,748,008.95	36.20708072	-107.74887148
7,883.00	89.64	135.20	4,764.43	-732.33	2,190.51	1,894,619.80	2,748,075.86	36.20689920	-107.74864487
7,977.00	89.87	134.49	4,764.83	-798.62	2,257.16	1,894,553.51	2,748,142.50	36.20671694	-107.74841915
8,071.00	89.28	135.81	4,765.53	-865.25	2,323.45	1,894,486.88	2,748,208.79	36.20653372	-107.74819465
8,166.00	90.58	137.13	4,765.64	-934.13	2,388.87	1,894,418.00	2,748,274.22	36.20634436	-107.74797308
8,260.00	88.25	137.68	4,766.60	-1,003.32	2,452.49	1,894,348.81	2,748,337.83	36.20615414	-107.74775766
8,354.00	88.67	136.77	4,769.13	-1,072.29	2,516.30	1,894,279.84	2,748,401.65	36.20596451	-107.74754157
8,448.00	88.62	136.45	4,771.35	-1,140.58	2,580.86	1,894,211.55	2,748,466.20	36.20577675	-107.74732295
8,543.00	88.45	135.27	4,773.78	-1,208.73	2,646.99	1,894,143.40	2,748,532.34	36.20558937	-107.74709898
8,637.00	88.57	135.20	4,776.23	-1,275.45	2,713.17	1,894,076.68	2,748,598.51	36.20540593	-107.74687488
8,731.00	88.59	134.82	4,778.56	-1,341.91	2,779.60	1,894,010.22	2,748,664.95	36.20522320	-107.74664989
8,826.00	87.89	133.06	4,781.47	-1,407.80	2,847.97	1,893,944.34	2,748,733.32	36.20504203	-107.74641834
8,919.00	88.23	132.60	4,784.62	-1,470.98	2,916.14	1,893,881.15	2,748,801.48	36.20486828	-107.74618748
9,014.00	91.14	133.20	4,785.14	-1,535.64	2,985.72	1,893,816.49	2,748,871.06	36.20469048	-107.74595182
9,108.00	91.85	133.31	4,782.69	-1,600.04	3,054.16	1,893,752.10	2,748,939.50	36.20451343	-107.74572005
9,202.00	91.60	136.01	4,779.86	-1,666.07	3,120.98	1,893,686.06	2,749,006.33	36.20433185	-107.74549374
9,296.00	91.39	135.44	4,777.41	-1,733.35	3,186.58	1,893,618.78	2,749,071.92	36.20414686	-107.74527160
9,391.00	91.86	135.77	4,774.71	-1,801.21	3,253.02	1,893,550.93	2,749,138.36	36.20396030	-107.74504662
9,485.00	91.68	134.92	4,771.81	-1,868.04	3,319.05	1,893,484.09	2,749,204.39	36.20377653	-107.74482300
9,579.00	91.59	134.52	4,769.13	-1,934.16	3,385.82	1,893,417.98	2,749,271.16	36.20359474	-107.74459690
9,674.00	91.74	134.05	4,766.37	-2,000.46	3,453.79	1,893,351.68	2,749,339.14	36.20341243	-107.74436669
9,768.00	88.74	136.14	4,765.98	-2,067.02	3,520.14	1,893,285.11	2,749,405.48	36.20322940	-107.74414202
9,862.00	87.97	135.83	4,768.67	-2,134.60	3,585.43	1,893,217.54	2,749,470.77	36.20304360	-107.74392094
9,956.00	88.14	135.49	4,771.86	-2,201.79	3,651.09	1,893,150.35	2,749,536.43	36.20285886	-107.74369859
10,050.00	89.41	136.51	4,773.87	-2,269.39	3,716.37	1,893,082.75	2,749,601.71	36.20267299	-107.74347753
10,144.00	89.23	135.38	4,774.99	-2,336.94	3,781.73	1,893,015.20	2,749,667.07	36.20248726	-107.74325622
10,239.00	89.45	134.50	4,776.08	-2,404.04	3,848.97	1,892,948.10	2,749,734.31	36.20230276	-107.74302852
10,333.00	89.26	134.22	4,777.14	-2,469.75	3,916.17	1,892,882.38	2,749,801.51	36.20212205	-107.74280095
10,427.00	91.77	134.72	4,776.30	-2,535.60	3,983.24	1,892,816.54	2,749,868.58	36.20194101	-107.74257382
10,520.00	91.99	134.35	4,773.25	-2,600.79	4,049.50	1,892,751.35	2,749,934.84	36.20176175	-107.74234946
10,615.00	92.07	134.04	4,769.88	-2,666.97	4,117.57	1,892,685.17	2,750,002.91	36.20157977	-107.74211895
10,709.00	91.80	136.58	4,766.71	-2,733.75	4,183.63	1,892,618.38	2,750,068.97	36.20139614	-107.74189524
10,803.00	92.11	136.67	4,763.50	-2,802.04	4,248.15	1,892,550.10	2,750,133.49	36.20120838	-107.74167678
10,897.00	92.13	135.97	4,760.02	-2,869.97	4,313.02	1,892,482.16	2,750,198.36	36.20102159	-107.74145711
10,991.00	91.76	135.36	4,756.83	-2,937.17	4,378.68	1,892,414.97	2,750,264.02	36.20083682	-107.74123480
11,086.00	91.99	135.51	4,753.72	-3,004.82	4,445.30	1,892,347.32	2,750,330.65	36.20065082	-107.74100919
11,180.00	91.05	134.02	4,751.23	-3,070.98	4,512.02	1,892,281.15	2,750,397.36	36.20046887	-107.74078328
11,274.00	91.50	135.90	4,749.14	-3,137.39	4,578.51	1,892,214.75	2,750,463.85	36.20028628	-107.74055812
11,368.00	92.07	136.31	4,746.21	-3,205.09	4,643.66	1,892,147.05	2,750,529.00	36.20010012	-107.74033755
11,462.00	92.60	135.73	4,742.38	-3,272.68	4,708.88	1,892,079.46	2,750,594.22	36.19991429	-107.74011671
11,556.00	91.09	136.93	4,739.35	-3,340.63	4,773.75	1,892,011.51	2,750,659.09	36.19972744	-107.73989707
11,650.00	90.35	136.14	4,738.17	-3,408.85	4,838.40	1,891,943.29	2,750,723.74	36.19953987	-107.73967814
11,745.00	90.46	137.00	4,737.50	-3,477.84	4,903.71	1,891,874.30	2,750,789.05	36.19935018	-107.73945702
11,838.00	88.76	138.06	4,738.13	-3,546.43	4,966.50	1,891,805.71	2,750,851.84	36.19916158	-107.73924443
11,933.00	88.99	137.17	4,740.00	-3,616.59	5,030.53	1,891,735.55	2,750,915.87	36.19896868	-107.73902765
12,027.00	90.03	138.29	4,740.80	-3,686.14	5,093.75	1,891,666.00	2,750,979.09	36.19877744	-107.73881360
12,121.00	89.84	137.09	4,740.91	-3,755.65	5,157.02	1,891,596.48	2,751,042.36	36.19858631	-107.73859937
12,215.00	89.93	136.36	4,741.10	-3,824.09	5,221.46	1,891,528.05	2,751,106.80	36.19839813	-107.73838120
12,309.00	89.84	135.95	4,741.29	-3,891.89	5,286.57	1,891,460.25	2,751,171.91	36.19821172	-107.73816073
12,403.00	89.96	134.78	4,741.45	-3,958.77	5,352.62	1,891,393.36	2,751,237.96	36.19802779	-107.73793712
12,497.00	90.21	134.91	4,741.31	-4,025.06	5,419.26	1,891,327.08	2,751,304.60	36.19784551	-107.73771146



Survey Report - Geographic



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well Greater Lybrook Unit No. 056H
Project:	San Juan County, New Mexico NAD83 NM W	TVD Reference:	RKB=6802+25 @ 6827.00ft (Aztec 1000)
Site:	Greater Lybrook 57 Pad (53,54,55,56 & 57)	MD Reference:	RKB=6802+25 @ 6827.00ft (Aztec 1000)
Well:	Greater Lybrook Unit No. 056H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	MWD surveys	Database:	DT_Feb1624_v17

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
12,592.00	89.85	134.37	4,741.26	-4,091.81	5,486.86	1,891,260.32	2,751,372.20	36.19766196	-107.73748258
12,686.00	89.09	133.38	4,742.13	-4,156.96	5,554.62	1,891,195.18	2,751,439.95	36.19748281	-107.73725315
12,780.00	90.78	133.61	4,742.24	-4,221.66	5,622.80	1,891,130.48	2,751,508.14	36.19730490	-107.73702226
12,874.00	91.11	133.43	4,740.69	-4,286.38	5,690.96	1,891,065.76	2,751,576.30	36.19712692	-107.73679149
12,968.00	91.07	132.76	4,738.90	-4,350.59	5,759.59	1,891,001.55	2,751,644.92	36.19695034	-107.73655911
13,062.00	91.81	134.54	4,736.54	-4,415.45	5,827.58	1,890,936.69	2,751,712.91	36.19677198	-107.73632889
13,157.00	90.75	134.19	4,734.42	-4,481.86	5,895.47	1,890,870.28	2,751,780.81	36.19658936	-107.73609900
13,251.00	93.04	135.99	4,731.31	-4,548.38	5,961.79	1,890,803.76	2,751,847.13	36.19640642	-107.73587445
13,345.00	93.37	135.88	4,726.05	-4,615.82	6,027.07	1,890,736.32	2,751,912.40	36.19622098	-107.73565346
13,439.00	93.18	135.23	4,720.68	-4,682.82	6,092.78	1,890,669.32	2,751,978.12	36.19603674	-107.73543097
13,533.00	91.92	136.95	4,716.50	-4,750.47	6,157.90	1,890,601.67	2,752,043.24	36.19585072	-107.73521049
13,628.00	90.70	134.95	4,714.33	-4,818.73	6,223.93	1,890,533.41	2,752,109.27	36.19566303	-107.73498693
13,723.00	91.40	135.10	4,712.59	-4,885.92	6,291.07	1,890,466.22	2,752,176.40	36.19547826	-107.73475963
13,817.00	90.72	138.39	4,710.85	-4,954.36	6,355.46	1,890,397.78	2,752,240.80	36.19529007	-107.73454163
13,912.00	88.31	139.07	4,711.65	-5,025.75	6,418.12	1,890,326.39	2,752,303.45	36.19509377	-107.73432953
14,006.00	88.12	138.44	4,714.58	-5,096.40	6,480.06	1,890,255.74	2,752,365.39	36.19489953	-107.73411984
14,100.00	88.47	138.10	4,717.38	-5,166.52	6,542.60	1,890,185.62	2,752,427.94	36.19470672	-107.73390813
14,195.00	88.88	137.98	4,719.57	-5,237.14	6,606.10	1,890,115.00	2,752,491.44	36.19451253	-107.73369316
14,289.00	87.41	137.21	4,722.61	-5,306.51	6,669.45	1,890,045.63	2,752,554.79	36.19432179	-107.73347868
14,383.00	87.47	134.23	4,726.81	-5,373.74	6,735.01	1,889,978.40	2,752,620.35	36.19413693	-107.73325674
14,477.00	88.21	132.33	4,730.36	-5,438.13	6,803.39	1,889,914.01	2,752,688.73	36.19395984	-107.73302522
14,571.00	88.20	131.49	4,733.30	-5,500.89	6,873.31	1,889,851.25	2,752,758.65	36.19378725	-107.73278847
14,666.00	89.00	131.93	4,735.62	-5,564.08	6,944.21	1,889,788.06	2,752,829.54	36.19361346	-107.73254841
14,726.90	89.11	131.67	4,736.63	-5,604.66	6,989.60	1,889,747.48	2,752,874.94	36.19350183	-107.73239472
LTP @ 14726.90 MD 4736.63 TVD									
14,760.00	89.17	131.53	4,737.12	-5,626.64	7,014.35	1,889,725.50	2,752,899.68	36.19344140	-107.73231092
Survey @ 14760.00 MD 4737.12 TVD									
14,779.00	89.17	131.53	4,737.40	-5,639.23	7,028.57	1,889,712.91	2,752,913.91	36.19340675	-107.73226276
330 perpendicular @ 14779.00 MD 4737.40 TVD									
14,827.00	89.17	131.53	4,738.09	-5,671.05	7,064.50	1,889,681.09	2,752,949.84	36.19331923	-107.73214111
5 1/2" Casing shoe @ 14827.00 MD 4738.09 TVD									
14,837.00	89.17	131.53	4,738.24	-5,677.68	7,071.99	1,889,674.46	2,752,957.32	36.19330100	-107.73211576
Survey proj. to 14837 MD 4738.24 TVD 969.9 FSL 177.8 FEL									

Design Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
451.00	450.98	2.43	2.44	MWD surveys
2,851.00	2,704.00	713.50	-5.10	9 5/8" Casing shoe @ 2851.00 MD 2704.00 TVD
5,189.62	4,739.00	1,203.45	325.02	FTP @ 5189.62 MD 4739.00 TVD
14,726.90	4,736.63	-5,604.66	6,989.60	LTP @ 14726.90 MD 4736.63 TVD
14,760.00	4,737.12	-5,626.64	7,014.35	Survey @ 14760.00 MD 4737.12 TVD
14,779.00	4,737.40	-5,639.23	7,028.57	330 perpendicular @ 14779.00 MD 4737.40 TVD
14,827.00	4,738.09	-5,671.05	7,064.50	5 1/2" Casing shoe @ 14827.00 MD 4738.09 TVD
14,837.00	4,738.24	-5,677.68	7,071.99	Survey proj. to 14837 MD 4738.24 TVD 969.9 FSL 177.8 FEL

WELL NAME: GREATER LYBROOK UNIT 056H

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

API Number: 30-045-38310

AFE Number: DV03074

ER Well Number: NM8269.01

State: New Mexico

County: San Juan

Surface Elev.: 6,802 ft ASL (GL) 6,827 ft ASL (KB)

Surface Location: 23-23N-09W Sec-Twn- Rng 1,365 ft FSL 2,007 ft FEL

BH Location: 25-23N-09W Sec-Twn- Rng 1029 ft FSL 236 ft FEL

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

South on US Hwy 550 for 38.3 miles to MM 113.4, Right (Southwest) on CR #7890 for 0.8 miles to fork, Left (South) remaining on CR #7890 for 1.3 miles to 4-way intersection, Left (Southeast) remaining on CR #7890 for 1.2 miles to 4-way intersection; Right (West) exiting CR #7890 along existing roadway for 0.6 mile to fork; Right (Northwest) for 0.3 miles to new access road; Left on access road for 0.2 miles to W LYBROOK UNIT 772H PAD (772H, 773H, 774H, 775H, 776H wells).

QUICK REFERENCE	
Sur TD (MD)	377 ft
Int TD (MD)	2,843 ft
KOP (MD)	4,291 ft
KOP (TVD)	4,004 ft
Target (TVD)	4,780 ft
Curve BUR	10 °/100 ft
POE (MD)	5,451 ft
TD (MD)	14,837 ft
Lat Len (ft)	9,277 ft

Tops	TVD (ft KB)	MD (ft KB)
Ojo Alamo	417	417
Kirtland	520	520
Fruitland	720	720
Pictured Cliffs	1,100	1,101
Lewis	1,222	1,226
Chacra	1,491	1,507
Cliff House	2,548	2,676
Menefee	2,573	2,704
Point Lookout	3,530	3,765
Mancos	3,675	3,926
Gallup (MNCS_A)	4,035	4,326

WELL CONSTRUCTION SUMMARY:

	Hole (in)	TD MD (ft)	Csg (in)	Csg (lb/ft)	Csg (grade)	Csg (conn)	Csg Top (ft)	Csg Bot (ft)
Surface	17.500	377	13.375	54.5	J-55	BTC	0	377
Intermediate	12.250	2,843	9.625	36.0	J-55	LTC	0	2,843
Production	8.500	14,827	5.500	17.0	P-110	LTC	0	14,827

CEMENT PROPERTIES SUMMARY:

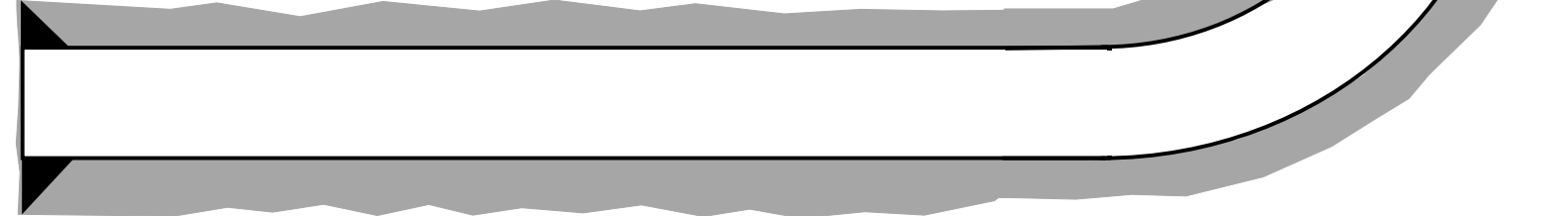
	Type	Wt (ppg)	Yd (cuft/sk)	Wtr (gal/sk)	Hole Cap. (cuft/ft)	% Excess	TOC (ft MD)	Total (sx)
Surface	TYPE III	14.6	1.38	6.65	0.6946	100%	0	352
Inter. (Lead)	III:POZ Blend	12.5	2.14	12.05	0.3627	70%	0	547
Inter. (Tail)	Type III	14.6	1.38	6.64	0.3132	20%	2,312	137
Prod. (Lead)	Type III	12.4	2.260	12.7	0.2691	65%	0	565
Prod. (Tail)	G:POZ blend	13.3	1.570	7.7	0.13052916	10%	3,355	1,678

COMPLETION / PRODUCTION SUMMARY:

Frac: Perf, Plug & Frac 38 stages: 3 spf. 0.30" diameter from 5200' to 14697' MD

Total of 1596 open holes. As pumped: 116,643 bbls of fluid. 9,592,322 lbs

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



Form 3160-5
(June 2019)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2021

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No. NOG13121857

6. If Indian, Allottee or Tribe Name
NAVAJO NATION

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
ENDURING RESOURCES LLC

3a. Address 200 ENERGY COURT, FARMINGTON, NM 87401 3b. Phone No. (include area code)
(505) 497-8574

4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)
SEC 23/T23N/R9W/NMP

7. If Unit of CA/Agreement, Name and/or No.
Greater Lybrook/NMNM144419X

8. Well Name and No.
GREATER LYBROOK UNIT/056H

9. API Well No. 3004538310

10. Field and Pool or Exploratory Area
BASIN MANCOS/LYBROOK MANCOS W

11. Country or Parish, State
SAN JUAN/NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION				
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off	
☒ Subsequent Report	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity	
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other	
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon		
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal		

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be perfonned or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has detennined that the site is ready for final inspection.)

Completion-

2/27/24: NU BOPE. Full function PT L750 H9500 (30min), all tests good & recorded on chart.

Open well, increase pressure, Frac Sleeve opened at 6476 psi.

2/29/24-3/8/24: Perf, Plug & Frac 38 stages: 3 spf. 0.30 diameter from 5200 to 14697 MD (4764 to 4733 TVD). Total of 1596 open holes. As pumped: 116,643 bbls of fluid. 9,592,322 lbs of proppant.

3/19/24: MIRU Blackhawk 314. NU BOP. Full function PT to L250 H3000 (30min) test good & recorded on chart.

3/19/24 to 3/29/24 TIH. Drill out plugs. TOH.

3/30/24: RIH with production string. Land 156 jts of 2.875 6.5# L80 EUE tubing. EOT: 5156. Seven GLVs set at 1362-1891-2453-3011-3570-4099-4595. POH. ND BOPE. NU production tree & PT to 10k (30min) test good & recorded on chart. Turn well over to production. Rig released on 3/30/24.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)
HEATHER HUNTINGTON / Ph: (505) 636-9751

Title
Permitting Technician

Signature (Electronic Submission)

Date
04/17/2024

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by
KENNETH G RENNICK / Ph: (505) 564-7742 / Accepted

Title
Petroleum Engineer

Date
04/17/2024

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office
FARMINGTON

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.



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

Well Completion Print

05/03/2024

Operator Name ENDURING RESOURCES LLC SHL NWSE Sec 23 23N 9W	Well Name GREATER LYBROOK UNIT	Well Number 056H	US Well Number 3004538310
	County SAN JUAN	State NM	Lease Number(s) NOG13121857
Well Type OIL WELL	Well Status Producing Oil Well	Agreement Name Greater Lybrook	Agreement Number(s) NMNM144419X
Allottee/Tribe Name NAVAJO NATION	Well Pad Name GREATER LYBROOK UNIT	Well Pad Number 053H- 054H-055H-056H-057H	APD ID 10400081623

Section 1 - General

Well Completion Report Id: 91642**Submission Date:** 04-26-2024**BLM Office:** Farmington Field Office**User:** HEATHER HUNTINGTON**Title:** Permitting Technician**Federal/Indian:** INDIAN**Lease Number:** NOG13121857**Lease Acres:****Agreement in place?:** YES**Federal or Indian Agreement:** FEDERAL**Agreement Number:****Agreement Name:** Greater Lybrook**Additional Information****Keep this Well Completion Report confidential?:** YES**APD Operator:** ENDURING
RESOURCES LLC

Section 2 - Well

Field/Pool or Exploratory:**Pool Name:** LYBROOK MANCOS W**Field Name:** BASIN MANCOS**Well Type:** OIL WELL**Spud Date:** 09-07-2023**Date Total Measured Depth Reached:** 01-29-2024**Drill & Abandon or Ready To Produce:** READY TO PRODUCE**Well Class:** HORIZONTAL

Operator Name ENDURING RESOURCES LLC SHL NWSE Sec 23 23N 9W	Well Name GREATER LYBROOK UNIT	Well Number 056H	US Well Number 3004538310
	County SAN JUAN	State NM	Lease Number(s) NOG13121857
Well Type OIL WELL	Well Status Producing Oil Well	Agreement Name Greater Lybrook	Agreement Number(s) NMNM144419X
Allottee/Tribe Name NAVAJO NATION	Well Pad Name GREATER LYBROOK UNIT	Well Pad Number 053H- 054H-055H-056H-057H	APD ID 10400081623

Section 3 - Geologic

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral
NACIMIENTO	SANDSTONE, SHALE		6802	0	0	USEABLE WATER	
OJO ALAMO	SANDSTONE, SHALE		640	417	417	USEABLE WATER	
KIRTLAND	COAL, SHALE		6307	520	520	COAL, NATURAL GAS	
FRUITLAND	COAL		6107	720	720	COAL	
PICTURED CLIFFS	SANDSTONE, SHALE		5727	1100	1101	NATURAL GAS	
LEWIS	SHALE		5605	1222	1226	NATURAL GAS	
CHACRA	SANDSTONE, SHALE		5336	1491	1507	NATURAL GAS	
CLIFFHOUSE	SANDSTONE		4279	2548	2676	NATURAL GAS	
MENEFEE	COAL, SANDSTONE, SHALE		4254	2573	2704	NATURAL GAS	
POINT LOOKOUT	SANDSTONE, SHALE		3297	3530	3765	NATURAL GAS	
MANCOS	SHALE		3152	3675	3926	NATURAL GAS, OIL	
GALLUP	SHALE		2792	4035	4326	NATURAL GAS, OIL	

Completion and Completed

Operator Name ENDURING RESOURCES LLC SHL NWSE Sec 23 23N 9W	Well Name GREATER LYBROOK UNIT	Well Number 056H	US Well Number 3004538310
	County SAN JUAN	State NM	Lease Number(s) NOG13121857
Well Type OIL WELL	Well Status Producing Oil Well	Agreement Name Greater Lybrook	Agreement Number(s) NMNM144419X
Allottee/Tribe Name NAVAJO NATION	Well Pad Name GREATER LYBROOK UNIT	Well Pad Number 053H- 054H-055H-056H-057H	APD ID 10400081623

Completion Data

Wellbore Code	Completion Code	Interval Number	Case Number	Lease Number	Well Completion Type	Describe Well Completion Type	Completion Status	Date Completed	Date First Produced	Formation	Interval Top (MD)	Interval Bottom (MD)	Interval Perforated?	Perforation Size	Number of Holes	Status of Interval
00	S1	1	NMNM144419X	NOG13121857	NEW		POW	03-30-2024	04-01-2024	GALLUP	5200	14697	Y	.3	1596	OPEN

Treatment Data

Wellbore Code	Completion Code	Interval Number	Interval Treated?	Treatment Type	Totle Fluid (bbls)	Total Proppant (lbs)	Treatment Remarks
00	S1	1	Y	FRAC	116643	9592322	CHEMICAL DISCLOSURE UPLOADED TO FRAC FOCUS 4/22/24

Production Data

Wellbore Code	Completion Code	Interval Number	API Oil Gravity	Gas Gravity	Production Method	Describe Production	Disposition of Gas	Describe Disposition
00	S1	1			GAS LIFT		SOLD	

Operator Name ENDURING RESOURCES LLC SHL NWSE Sec 23 23N 9W	Well Name GREATER LYBROOK UNIT	Well Number 056H	US Well Number 3004538310
	County SAN JUAN	State NM	Lease Number(s) NOG13121857
Well Type OIL WELL	Well Status Producing Oil Well	Agreement Name Greater Lybrook	Agreement Number(s) NMNM144419X
Allottee/Tribe Name NAVAJO NATION	Well Pad Name GREATER LYBROOK UNIT	Well Pad Number 053H- 054H-055H-056H-057H	APD ID 10400081623

Test Data

Wellbore Code	Completion Code	Interval Number	Test Date	Hours Tested	24-Hour Rate Oil (bbls)	24-Hour Rate Gas (MCF)	24-Hour Rate Water(BWPD)	Gas-Oil Ratio (SCF/Bbl)	Choke Size	Tubing Pressure	Tubing Pressure Shut-In (psi)	Casing Pressure (psi)
00	S1	1	04/08/2024	24	204	504	463	2470	48/64	177		741

Well Location

Survey Type: RECTANGULAR

Survey Number: 15269

Datum: NAD83

Vertical Datum: NAVD88

Reference Datum: GL

	State	Meridian	County	Latitude	Longitude	Elevation (MSL)	MD (ft)	TVD (ft)	Lease Type	Lease Number	Plug TVD (ft)	Plug MD (ft)	Plug Type	NS-Foot	NS-Indicator	EW-Foot	EW-Indicator	Township	Range	Section	Aliquot/Lot/Tract
SHL	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.208916	-107.756068	6802	N/A	N/A	INDIAN	NOG13121857				1365	FSL	2007	FEL	23N	9W	23	NWSE
KOP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.208916	-107.756068	6425	377	377	INDIAN	NOG13121857				1365	FSL	2007	FEL	23N	9W	23	NWSE
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.205157	-107.746445	2064	14824	4738	INDIAN	NMNM036949				0	FNL	849	FWL	23N	9W	25	NWNW
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.207514	-107.749286	2064	14824	4738	INDIAN	NMNM036949				851	FSL	0	FWL	23N	9W	24	SWSW

Operator Name ENDURING RESOURCES LLC SHL NWSE Sec 23 23N 9W	Well Name GREATER LYBROOK UNIT	Well Number 056H	US Well Number 3004538310
	County SAN JUAN	State NM	Lease Number(s) NOG13121857
Well Type OIL WELL	Well Status Producing Oil Well	Agreement Name Greater Lybrook	Agreement Number(s) NMNM144419X
Allottee/Tribe Name NAVAJO NATION	Well Pad Name GREATER LYBROOK UNIT	Well Pad Number 053H- 054H-055H-056H-057H	APD ID 10400081623

	State	Meridian	County	Latitude	Longitude	Elevation (MSL)	MD (ft)	TVD (ft)	Lease Type	Lease Number	Plug TVD (ft)	Plug MD (ft)	Plug Type	NS-Foot	NS-Indicator	EW-Foot	EW-Indicator	Township	Range	Section	Aliquot/Lot/Tract
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.212221	-107.754963	2064	14824	4738	INDIAN	NOG13121857				2568	FSL	1697	FEL	23N	9W	23	NWSE
EXIT Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.193502	-107.732395	2064	14827	4738	INDIAN	NMNM036949				1043	FSL	260	FEL	23N	9W	25	SESE
BHL Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.193301	-107.732116	2064	14837	4738	INDIAN	NMNM036949	4738	14824		970	FSL	177	FEL	23N	9W	25	SESE

Casing, Liner and Tubing

Casing and Liner

Wellbore Code	Casing String Type	Hole Size	Top Setting Depth (MD)	Bottom Setting Depth (MD)	Casing Size	Wt(lbs/ft)	Casing Grade	Describe Other Casing Grade	Joint	Other Joint	Amount Pulled (ft)
---------------	--------------------	-----------	------------------------	---------------------------	-------------	------------	--------------	-----------------------------	-------	-------------	--------------------

Operator Name
ENDURING RESOURCES
LLC
SHL NWSE Sec 23 23N
9W

Well Name GREATER
LYBROOK UNIT

County SAN JUAN

Well Type OIL WELL

Allottee/Tribe Name
NAVAJO NATION

Well Number 056H

State NM

Agreement Name Greater
Lybrook

Well Pad Number 053H-
054H-055H-056H-057H

US Well Number 3004538310

Lease Number(s)
NOG13121857

Agreement Number(s)
NMNM144419X

APD ID 10400081623

Casing and Liner

Wellbore Code	Casing String Type	Hole Size	Top Setting Depth (MD)	Bottom Setting Depth (MD)	Casing Size	Wt(lbs/ft)	Casing Grade	Describe Other Casing Grade	Joint	Other Joint	Amount Pulled (ft)
00	SURFACE	17.5	0	377	13.375	54.5	J-55		BUTT		
00	INTERMEDIATE	12.25	0	2843	9.625	36	J-55		LT&C		
00	PRODUCTION	8.5	0	14827	5.5	17	P-110		LT&C		

Cementing

Wellbore Code	Casing String Type	Stage Tool Depth	Cement Lead Type	Cement Lead Qty (sks)	Cement Lead Yield (cu.ft/sks)	Cement Lead Top (MD)	Cement Tail Type	Cement Tail Qty (sks)	Cement Tail Yield(cu.ft/sks)	Cement Tail Top (MD)	Total (Lead + Tail) Cement Slurry Volume
00	SURFACE		Type III	352	1.38	0					86.5
00	INTERMEDIATE		Type III: POZ Blend	547	2.14	0	Type III	137	1.38	2312	242.2
00	PRODUCTION		Type III	565	2.26	0	Class G:POZ Blend	1678	1.57	3355	696.6

Tubing

Wellbore Code	Tubing Size	Describe Other	Tubing Setting Depth (MD/ft)	Packer Depth (MD/ft)	Tubing Weight	Tubing Grade	Describe Other	Tubing Coupling	Describe Other
00	2.875		5156		6	L-80		ST&C	

Operator Name ENDURING RESOURCES LLC SHL NWSE Sec 23 23N 9W	Well Name GREATER LYBROOK UNIT	Well Number 056H	US Well Number 3004538310
	County SAN JUAN	State NM	Lease Number(s) NOG13121857
Well Type OIL WELL	Well Status Producing Oil Well	Agreement Name Greater Lybrook	Agreement Number(s) NMNM144419X
Allottee/Tribe Name NAVAJO NATION	Well Pad Name GREATER LYBROOK UNIT	Well Pad Number 053H- 054H-055H-056H-057H	APD ID 10400081623

Logs

Wellbore Code	Log Upload	Was Well Cored?	Was DST Run?	Directional Survey?	Geologic Report	Wellbore Diagram
00	NO	NO	NO	YES	NO	YES

Operator

I hereby certify that the foregoing and attached information is complete and correct as determined from all available records. 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 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 Well Completion Reports through this system satisfies regulations requiring a submission of Form 3160-4 or a Well Completion Report.

Name: ENDURING RESOURCES LLC

Signed By: HEATHER HUNTINGTON	Title: Permitting Technician	Signed on: 04/26/2024
--------------------------------------	-------------------------------------	------------------------------

Street Address: 200 Energy Court

City: Farmington	State: NM	Zip: 87401
-------------------------	------------------	-------------------

Phone: (505)636-9751

Email address: HHUNTINGTON@ENDURINGRESOURCES.COM

Field

Representative Name:

Street Address:

City:	State:	Zip:
--------------	---------------	-------------

Phone:	Extension:
---------------	-------------------

Email address:

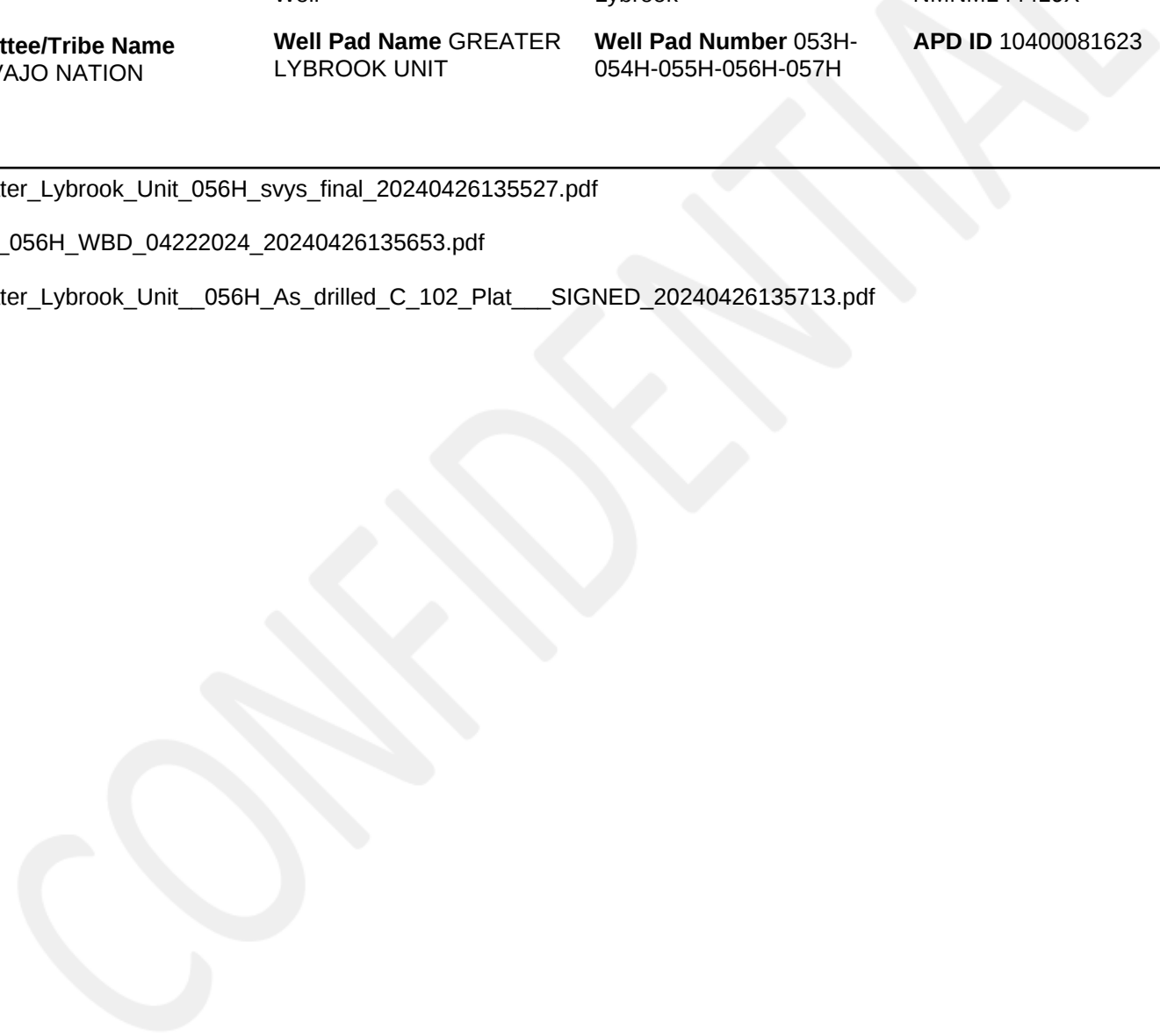
Attachments

Operator Name ENDURING RESOURCES LLC SHL NWSE Sec 23 23N 9W	Well Name GREATER LYBROOK UNIT	Well Number 056H	US Well Number 3004538310
	County SAN JUAN	State NM	Lease Number(s) NOG13121857
Well Type OIL WELL	Well Status Producing Oil Well	Agreement Name Greater Lybrook	Agreement Number(s) NMNM144419X
Allottee/Tribe Name NAVAJO NATION	Well Pad Name GREATER LYBROOK UNIT	Well Pad Number 053H- 054H-055H-056H-057H	APD ID 10400081623

Greater_Lybrook_Unit_056H_svys_final_20240426135527.pdf

GLU_056H_WBD_04222024_20240426135653.pdf

Greater_Lybrook_Unit__056H_As_drilled_C_102_Plat___SIGNED_20240426135713.pdf



From: blm-afmss-notifications@blm.gov
To: [Heather Huntington](#)
Subject: Well Name: GREATER LYBROOK UNIT, Well Number: 056H, Notification of Well Completion Acceptance
Date: Thursday, May 2, 2024 4:35:03 PM

The Bureau of Land Management

Notice of Acceptance for Well Completion Report

- Operator Name: **ENDURING RESOURCES LLC**
- Well Name: **GREATER LYBROOK UNIT**
- Well Number: **056H**
- US Well Number: **3004538310**
- Well Completion Report Id: **WCR2024050291642**

This notification is automatically generated. Please do not reply to this message as this account is not monitored.

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 340701

ACKNOWLEDGMENTS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way Centennial, CO 80111	OGRID: 372286
	Action Number: 340701
	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.

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

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

CONDITIONS

Action 340701

CONDITIONS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way Centennial, CO 80111	OGRID: 372286
	Action Number: 340701
	Action Type: [C-104] Tight Hole Completion Packet (C-104CT)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	6/28/2024