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

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

Form C-104
Revised August 1, 2011

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

[1] Operator name and Address	[2] OGRID Number
Enduring Resources IV LLC. 200 Energy Court Farmington NM 87401	372286
	[3] Reason for Filing Code/ Effective Date RT

[4] API Number	[5] Pool Name	[6] Pool Code
30-045-38200	LYBROOK MANCOS W	98157
[7] Property Code	[8] Property Name	[9] Well Number
321259	W LYBROOK UNIT	#763H

II. [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	27	23N	9W		1181’	North	2446’	West	San Juan

[11] Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	21	23N	9W		139’	North	1699’	West	San Juan

[12] Lse Code	[13] Producing Method Code	[14] Gas Connection Date	[15] C-129 Permit Number	[16] C-129 Effective Date	[17] C-129 Expiration Date
F		7/18/2022			

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	[22] Ready Date	[23] TD	[24] PBTD	[25] Perforations	[26] DHC, MC
2/10/2022	7/18/2022	13737’ MD 4591’ TVD	13618’ MD 4590’ TVD	~ 4806’ - 13613’ MD ~ 4489’-4590’ TVD	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	360.71’ MD	350 sx - surface
12-1/4”	9-5/8”,36#, J-55	2525’ MD	610 sx- surface
8-1/2”	5-1/2”,17#, P-110	13737’ MD	2046 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: Kayla White

Printed name: Kayla White

Title: Environmental Engineer

E-mail Address: kwhite@cdhconsult.com

Date: 5/19/2022

Phone: 720-768-3575

OIL CONSERVATION DIVISION

Approved by:

Title: Petroleum Engineer

Approval Date: 07/08/22

COA: RT expires on 10/08/22

ENDURING RESOURCES IV LLC

May 19, 2022

Re: W LYBROOK UNIT 763H-30-045-38200

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,

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

Received by OCD: 5/20/2022 3:29:38 PM

District I
1625 N. French Drive, Hobbs, NM 88240
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State of New Mexico
Energy, Minerals & Natural Resources Department

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

Form C-102
Revised August 1, 2011

Submit one copy to
Appropriate District Office

☐ AMENDED REPORT

AS-DRILLED WELL LOCATION AND ACREAGE DEDICATION PLAT

[1] API Number	[2] Pool Code	[3] Pool Name
30-045-38200	98157	LYBROOK MANCOS W

[4] Property Code	[5] Property Name	[6] Well Number
321259	W LYBROOK UNIT	763H

[7] OGRID No.	[8] Operator Name	[9] Elevation
372286	ENDURING RESOURCES, LLC	6641'

[10] Surface Location

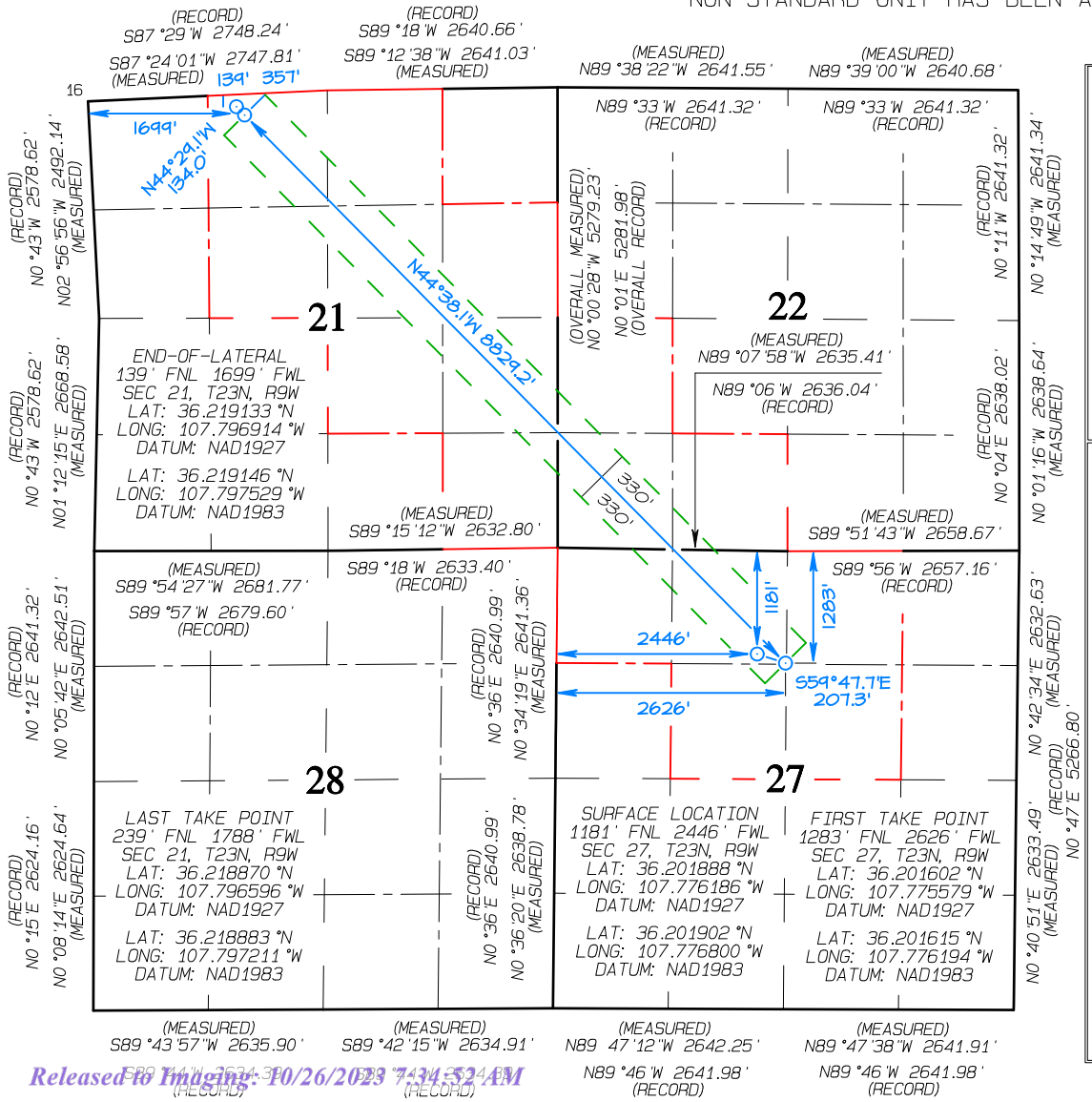
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	27	23N	9W		1181	NORTH	2446	WEST	SAN JUAN

[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
C	21	23N	9W		139	NORTH	1699	WEST	SAN JUAN

[12] Dedicated Acres		[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
640.00	N/2 NW/4, SE/4 NW/4 W/2 NE/4 - Section 27 E/2 NW/4, W/2 NE/4, SE/4 NE/4 N/2 SE/4, SE/4 SE/4 - Section 21 W/2 SW/4, SE/4 SW/4 - Section 22			R-14051 - 12,807.24 Acres

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 — Date: 5-11-22

Heather Huntington
Printed Name

hhuntington@enduringresource.com
E-mail Address

[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: MAY 9, 2022
Date of Survey: MARCH 10, 2016

Signature and Seal of Professional Surveyor

JASON C. EDWARDS
NEW MEXICO
15269
REGISTERED PROFESSIONAL SURVEYOR

JASON C. EDWARDS
Certificate Number 15269

Released to Imaging: 10/26/2023 7:34:52 AM

Received by OCD: 5/20/2022 3:29:38 PM

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AS-DRILLED WELL LOCATION AND ACREAGE DEDICATION PLAT

[1] API Number	[2] Pool Code	[3] Pool Name
30-045-38200	98157	LYBROOK MANCOS W

[4] Property Code	[5] Property Name	[6] Well Number
321259	W LYBROOK UNIT	763H

[7] OGRID No.	[8] Operator Name	[9] Elevation
372286	ENDURING RESOURCES, LLC	6641'

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UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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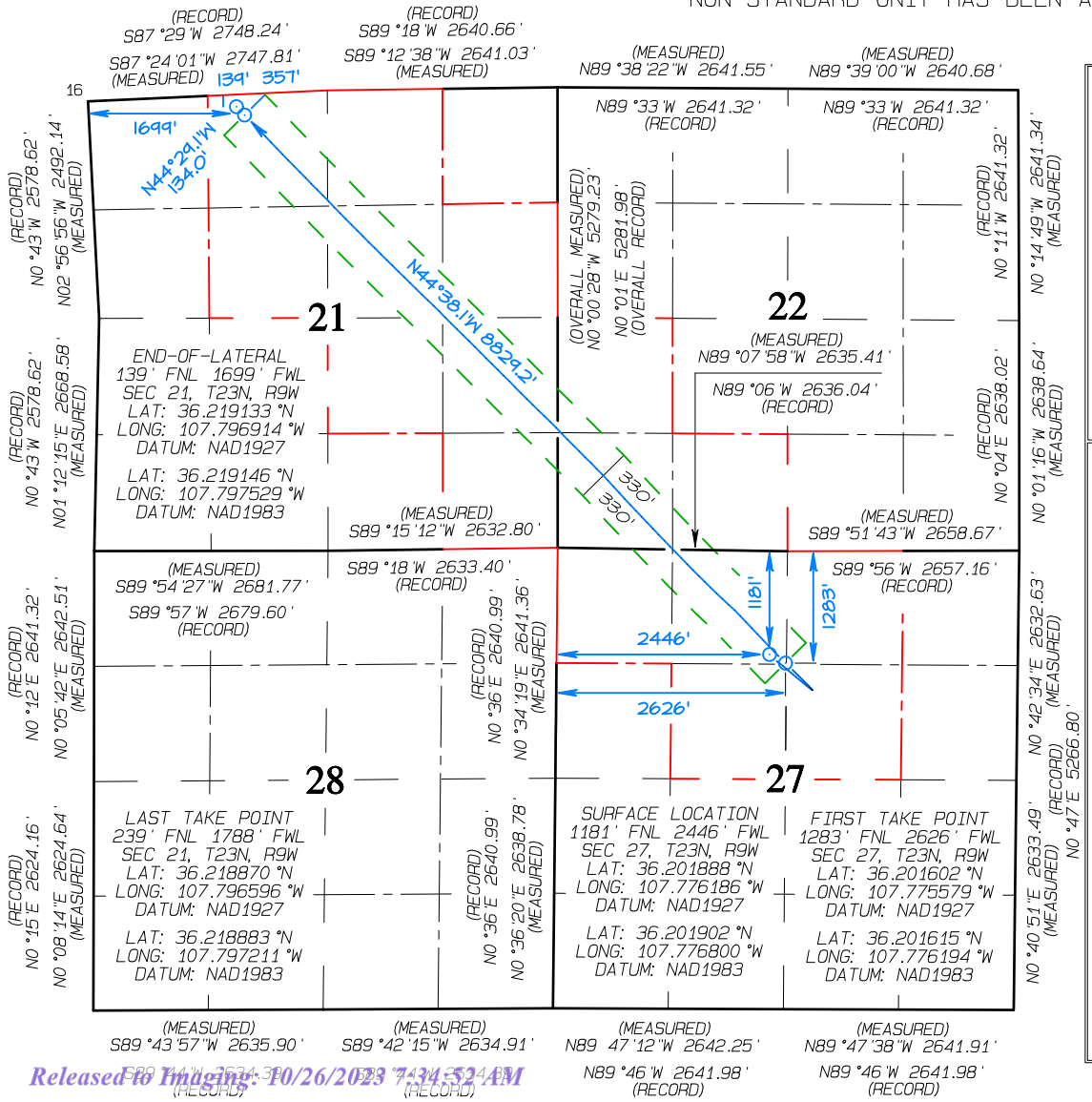

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Signature 5-11-22 Date

Heather Huntington
Printed Name

hhuntington@enduringresources.com
E-mail Address

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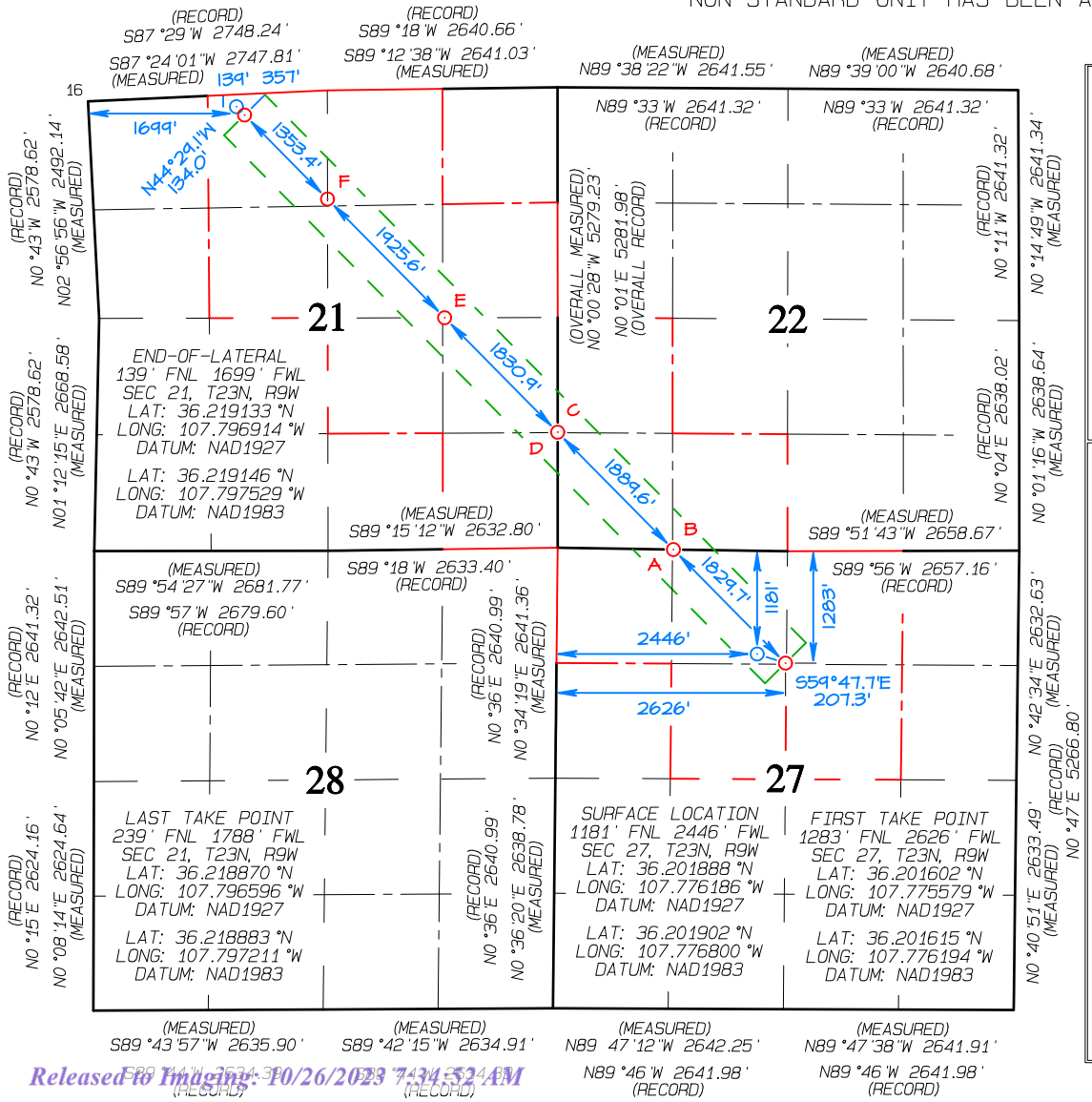

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Certificate Number 15269

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(A) 0' FNL 1328' FWL
SEC 27, T23N, R9W
LAT: 36.205181 °N
LONG: 107.779934 °W
DATUM: NAD1927

LAT: 36.205194 °N
LONG: 107.780548 °W
DATUM: NAD1983

(B) 0' FSL 1328' FWL
SEC 22, T23N, R9W
LAT: 36.205181 °N
LONG: 107.779934 °W
DATUM: NAD1927

LAT: 36.205194 °N
LONG: 107.780548 °W
DATUM: NAD1983

(C) 1325' FSL 0' FWL
SEC 22, T23N, R9W
LAT: 36.208877 °N
LONG: 107.784432 °W
DATUM: NAD1927

LAT: 36.208890 °N
LONG: 107.785046 °W
DATUM: NAD1983

(D) 1325' FSL 0' FEL
SEC 21, T23N, R9W
LAT: 36.208877 °N
LONG: 107.784432 °W
DATUM: NAD1927

LAT: 36.208890 °N
LONG: 107.785046 °W
DATUM: NAD1983

(E) 2644' FSL 1286' FEL
SEC 21, T23N, R9W
LAT: 36.212457 °N
LONG: 107.788790 °W
DATUM: NAD1927

LAT: 36.212471 °N
LONG: 107.789405 °W
DATUM: NAD1983

(F) 1245' FNL 2639' FEL
SEC 21, T23N, R9W
LAT: 36.216223 °N
LONG: 107.793374 °W
DATUM: NAD1927

LAT: 36.216236 °N
LONG: 107.793989 °W
DATUM: NAD1983

Received by OCD: 5/20/2022 3:29:38 PM

Company: Enduring Resources LLC
Well: W Lybrook Unit No. 763H
Site: W Lybrook 730 Pad (730, 763, 830, 861 & 863)
Project: San Juan County, New Mexico NAD83 NM W
Design: Surveys Original Hole
Rig: Ensign 773

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=6641+28 @ 6669.00ft (Ensign 773)

Northing	Easting	Latittude	Longitude
1892794.671	2739770.786	36.201902000	-107.776800000

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

CASING DETAILS

TVD	MD	Name
2515.00	2555.67	9 5/8"

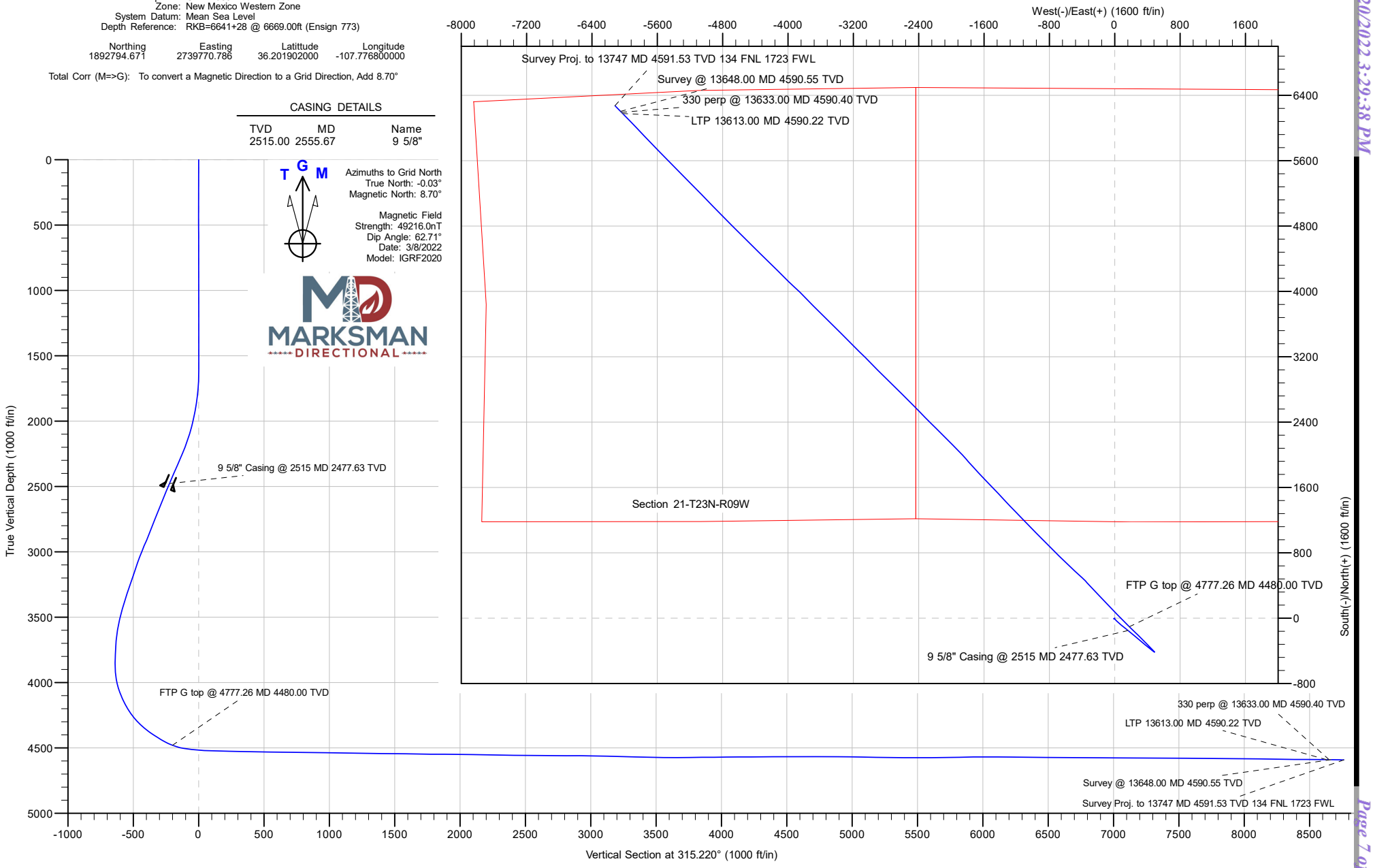
Azimuths to Grid North
True North: -0.03°
Magnetic North: 8.70°

Magnetic Field
Strength: 49216.0nT
Dip Angle: 62.71°
Date: 3/8/2022
Model: IGRF2020

MARKSMAN DIRECTIONAL

ANNOTATIONS SURVEYS

MD	Inc	Azi	TVD	+N/-S	+E/-W	VSect	Annotation
431.00	0.88	220.030	430.98	-2.53	-2.13	-0.30	MWD surveys
2515.00	23.31	128.199	2477.63	-149.89	164.97	-222.60	9 5/8" Casing @ 2515 MD 2477.63 TVD
4777.26	69.18	314.055	4480.00	-104.35	178.98	-200.14	FTP G top @ 4777.26 MD 4480.00 TVD
13613.00	89.49	315.547	4590.22	6178.54	-6024.26	8629.04	LTP 13613.00 MD 4590.22 TVD
13633.00	89.46	315.526	4590.40	6192.82	-6038.27	8649.04	330 perp @ 13633.00 MD 4590.40 TVD
13648.00	89.43	315.510	4590.55	6203.52	-6048.78	8664.04	Survey @ 13648.00 MD 4590.55 TVD
13747.00	89.43	315.510	4591.53	6274.14	-6118.16	8763.03	Survey Proj. to 13747 MD 4591.53 TVD 134 FNL 1723 FW



Released to Imaging: 10/20/2023 7:34:52 AM

Survey Report

Company:	Enduring Resources LLC	**Local Co-ordinate Reference:**	Well W Lybrook Unit No. 763H
Project:	San Juan County, New Mexico NAD83 NM W	**TVD Reference:**	RKB=6641+28 @ 6669.00ft (Ensign 773)
Site:	W Lybrook 730 Pad (730, 763, 830, 861 & 863)	**MD Reference:**	RKB=6641+28 @ 6669.00ft (Ensign 773)
Well:	W Lybrook Unit No. 763H	**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 W Lybrook 730 Pad (730, 763, 830, 861 & 863)

Site Position:		**Northing:**	1,888,164.052 usft	**Latitude:**	36.189179000
From:	Lat/Long	**Easting:**	2,741,098.391 usft	**Longitude:**	-107.772310000
Position Uncertainty:	0.00 ft	**Slot Radius:**	13-3/16 "		

Well W Lybrook Unit No. 763H, Surf loc: 1181 FNL 2446 FWL Section 27-T23N-R09W

Well Position	**+N/-S**	0.00 ft	**Northing:**	1,892,794.671 usft	**Latitude:**	36.201902000
	+E/-W	0.00 ft	**Easting:**	2,739,770.786 usft	**Longitude:**	-107.776800000
Position Uncertainty		0.00 ft	**Wellhead Elevation:**	ft	**Ground Level:**	6,641.00 ft
Grid Convergence:		0.03 °				

Wellbore Original Hole

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	3/8/2022	8.74	62.71	49,216.04446918

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	315.220

Survey Program **Date** 4/19/2022

From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
431.00	2,453.00	MWD surf (Original Hole)	MWD	OWSG MWD - Standard
2,584.00	13,648.00	MWD (Original Hole)	MWD	OWSG MWD - Standard
13,747.00	13,747.00	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
431.00	0.88	220.030	430.98	-2.53	-2.13	-0.30	0.20	0.20	0.00
MWD surveys									
493.00	0.79	247.010	492.98	-3.07	-2.83	-0.18	0.64	-0.15	43.52
584.00	0.62	223.370	583.97	-3.67	-3.74	0.03	0.37	-0.19	-25.98
675.00	0.75	247.010	674.96	-4.26	-4.63	0.24	0.34	0.14	25.98
766.00	0.48	240.330	765.96	-4.68	-5.51	0.56	0.31	-0.30	-7.34
857.00	0.57	234.000	856.95	-5.14	-6.21	0.73	0.12	0.10	-6.96

Survey Report

Company:	Enduring Resources LLC	**Local Co-ordinate Reference:**	Well W Lybrook Unit No. 763H
Project:	San Juan County, New Mexico NAD83 NM W	**TVD Reference:**	RKB=6641+28 @ 6669.00ft (Ensign 773)
Site:	W Lybrook 730 Pad (730, 763, 830, 861 & 863)	**MD Reference:**	RKB=6641+28 @ 6669.00ft (Ensign 773)
Well:	W Lybrook Unit No. 763H	**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)
948.00	0.13	180.390	947.95	-5.50	-6.57	0.72	0.55	-0.48	-58.91
1,039.00	0.35	272.940	1,038.95	-5.59	-6.85	0.86	0.42	0.24	101.70
1,132.00	0.35	250.790	1,131.95	-5.67	-7.40	1.19	0.14	0.00	-23.82
1,226.00	0.53	229.430	1,225.95	-6.05	-8.01	1.35	0.26	0.19	-22.72
1,320.00	0.35	50.750	1,319.95	-6.15	-8.11	1.35	0.94	-0.19	-190.09
1,414.00	0.75	34.140	1,413.94	-5.46	-7.55	1.44	0.45	0.43	-17.67
1,508.00	0.62	69.740	1,507.94	-4.77	-6.72	1.35	0.46	-0.14	37.87
1,603.00	0.57	48.820	1,602.93	-4.29	-5.89	1.10	0.23	-0.05	-22.02
1,697.00	2.33	126.070	1,696.90	-5.10	-3.99	-0.81	2.42	1.87	82.18
1,791.00	6.11	133.720	1,790.63	-9.69	1.17	-7.70	4.06	4.02	8.14
1,886.00	9.32	133.110	1,884.76	-18.44	10.44	-20.45	3.38	3.38	-0.64
1,981.00	12.13	136.710	1,978.09	-30.97	22.91	-38.12	3.04	2.96	3.79
2,075.00	15.78	134.160	2,069.30	-47.06	38.85	-60.78	3.94	3.88	-2.71
2,170.00	19.60	132.750	2,159.79	-66.89	59.83	-89.62	4.05	4.02	-1.48
2,264.00	22.68	128.360	2,247.46	-88.84	85.63	-123.38	3.68	3.28	-4.67
2,358.00	23.95	127.660	2,333.78	-111.75	114.94	-160.28	1.38	1.35	-0.74
2,453.00	23.55	126.780	2,420.74	-134.89	145.41	-198.17	0.56	-0.42	-0.93
2,515.00	23.31	128.199	2,477.63	-149.89	164.97	-222.60	0.99	-0.39	2.29
9 5/8" Casing @ 2515 MD 2477.63 TVD									
2,584.00	23.05	129.810	2,541.06	-166.98	186.07	-249.59	0.99	-0.37	2.34
2,678.00	22.44	130.580	2,627.75	-190.43	213.83	-285.79	0.72	-0.65	0.82
2,772.00	21.59	130.380	2,714.90	-213.31	240.63	-320.91	0.91	-0.90	-0.21
2,867.00	20.39	130.220	2,803.59	-235.32	266.58	-354.81	1.26	-1.26	-0.17
2,983.00	23.43	130.480	2,911.20	-263.35	299.56	-397.94	2.62	2.62	0.22
3,076.00	22.04	130.230	2,996.97	-286.62	326.95	-433.75	1.50	-1.49	-0.27
3,171.00	20.23	128.920	3,085.58	-308.45	353.34	-467.83	1.97	-1.91	-1.38
3,266.00	17.51	128.430	3,175.46	-327.66	377.32	-498.36	2.87	-2.86	-0.52
3,359.00	18.89	129.680	3,263.81	-345.97	399.87	-527.23	1.54	1.48	1.34
3,453.00	18.09	129.350	3,352.96	-364.94	422.86	-556.90	0.86	-0.85	-0.35
3,548.00	16.81	128.680	3,443.58	-382.88	444.99	-585.22	1.36	-1.35	-0.71
3,642.00	11.97	127.150	3,534.61	-397.27	463.38	-608.39	5.16	-5.15	-1.63
3,736.00	7.76	125.000	3,627.20	-406.80	476.36	-624.29	4.50	-4.48	-2.29
3,831.00	3.91	117.170	3,721.69	-411.96	484.50	-633.69	4.13	-4.05	-8.24
3,925.00	1.54	118.750	3,815.57	-414.03	488.46	-637.95	2.52	-2.52	1.68
3,988.00	0.47	336.900	3,878.57	-414.20	489.10	-638.52	3.07	-1.70	-225.16
4,019.00	3.18	321.090	3,909.55	-413.41	488.51	-637.54	8.81	8.74	-51.00
4,050.00	6.85	317.300	3,940.42	-411.38	486.71	-634.84	11.88	11.84	-12.23
4,082.00	10.01	317.660	3,972.08	-407.92	483.54	-630.15	9.88	9.88	1.13
4,113.00	12.66	317.540	4,002.47	-403.42	479.44	-624.07	8.55	8.55	-0.39
4,145.00	15.94	317.870	4,033.47	-397.58	474.12	-616.17	10.25	10.25	1.03
4,177.00	19.04	318.360	4,063.99	-390.42	467.70	-606.57	9.70	9.69	1.53
4,208.00	21.56	317.600	4,093.06	-382.43	460.50	-595.83	8.17	8.13	-2.45
4,240.00	24.00	315.400	4,122.56	-373.45	451.97	-583.44	8.08	7.63	-6.88
4,271.00	26.43	313.920	4,150.61	-364.18	442.57	-570.24	8.10	7.84	-4.77

Survey Report

Company:	Enduring Resources LLC	**Local Co-ordinate Reference:**	Well W Lybrook Unit No. 763H
Project:	San Juan County, New Mexico NAD83 NM W	**TVD Reference:**	RKB=6641+28 @ 6669.00ft (Ensign 773)
Site:	W Lybrook 730 Pad (730, 763, 830, 861 & 863)	**MD Reference:**	RKB=6641+28 @ 6669.00ft (Ensign 773)
Well:	W Lybrook Unit No. 763H	**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)
4,302.00	29.20	314.030	4,178.02	-354.13	432.16	-555.78	8.94	8.94	0.35
4,334.00	32.03	314.730	4,205.56	-342.73	420.52	-539.48	8.91	8.84	2.19
4,365.00	34.97	315.640	4,231.41	-330.59	408.46	-522.38	9.62	9.48	2.94
4,397.00	37.60	315.880	4,257.20	-317.03	395.25	-503.44	8.23	8.22	0.75
4,428.00	40.50	316.300	4,281.27	-302.96	381.71	-483.92	9.39	9.35	1.35
4,460.00	44.23	315.360	4,304.91	-287.50	366.68	-462.36	11.82	11.66	-2.94
4,491.00	47.71	314.980	4,326.46	-271.70	350.97	-440.07	11.26	11.23	-1.23
4,522.00	50.15	314.750	4,346.82	-255.21	334.41	-416.70	7.89	7.87	-0.74
4,554.00	52.21	314.410	4,366.88	-237.71	316.65	-391.78	6.49	6.44	-1.06
4,585.00	53.89	314.380	4,385.51	-220.38	298.95	-367.00	5.42	5.42	-0.10
4,617.00	56.51	314.440	4,403.77	-201.99	280.18	-340.73	8.19	8.19	0.19
4,649.00	58.87	314.130	4,420.88	-183.11	260.82	-313.69	7.42	7.38	-0.97
4,680.00	59.08	313.980	4,436.85	-164.64	241.73	-287.13	0.79	0.68	-0.48
4,712.00	61.51	313.750	4,452.71	-145.38	221.69	-259.35	7.62	7.59	-0.72
4,743.00	64.98	313.810	4,466.66	-126.23	201.71	-231.68	11.19	11.19	0.19
4,774.00	68.79	313.980	4,478.83	-106.47	181.16	-203.18	12.30	12.29	0.55
4,777.26	69.18	314.055	4,480.00	-104.35	178.98	-200.14	12.16	11.96	2.30
FTP G top @ 4777.26 MD 4480.00 TVD									
4,806.00	72.62	314.700	4,489.40	-85.36	159.57	-172.99	12.16	11.97	2.24
4,838.00	76.19	315.150	4,498.01	-63.60	137.75	-142.17	11.24	11.16	1.41
4,869.00	79.11	315.690	4,504.63	-42.03	116.50	-111.89	9.57	9.42	1.74
4,900.00	82.35	315.880	4,509.63	-20.10	95.17	-81.30	10.47	10.45	0.61
4,963.00	86.58	315.970	4,515.70	24.94	51.56	-18.62	6.72	6.71	0.14
5,058.00	86.65	316.030	4,521.31	93.15	-14.32	76.21	0.10	0.07	0.06
5,152.00	89.15	316.140	4,524.76	160.82	-79.47	170.13	2.66	2.66	0.12
5,247.00	88.82	316.160	4,526.44	229.32	-145.27	265.10	0.35	-0.35	0.02
5,341.00	88.83	316.470	4,528.37	297.28	-210.18	359.06	0.33	0.01	0.33
5,435.00	89.00	317.040	4,530.15	365.74	-274.57	453.01	0.63	0.18	0.61
5,529.00	89.37	317.590	4,531.48	434.83	-338.29	546.94	0.71	0.39	0.59
5,624.00	89.53	312.780	4,532.40	502.20	-405.23	641.91	5.07	0.17	-5.06
5,718.00	89.13	312.520	4,533.50	565.88	-474.36	735.81	0.51	-0.43	-0.28
5,813.00	88.79	312.380	4,535.22	629.99	-544.45	830.68	0.39	-0.36	-0.15
5,907.00	89.54	314.770	4,536.59	694.77	-612.54	924.62	2.66	0.80	2.54
6,002.00	89.31	314.710	4,537.54	761.64	-680.01	1,019.61	0.25	-0.24	-0.06
6,098.00	88.94	314.770	4,539.01	829.20	-748.19	1,115.60	0.39	-0.39	0.06
6,192.00	88.89	314.650	4,540.79	895.32	-814.98	1,209.58	0.14	-0.05	-0.13
6,286.00	88.98	315.290	4,542.54	961.74	-881.48	1,303.56	0.69	0.10	0.68
6,381.00	89.29	315.710	4,543.97	1,029.49	-948.05	1,398.55	0.55	0.33	0.44
6,475.00	89.64	316.040	4,544.85	1,096.97	-1,013.50	1,492.54	0.51	0.37	0.35
6,569.00	89.47	315.890	4,545.58	1,164.54	-1,078.83	1,586.53	0.24	-0.18	-0.16
6,664.00	89.13	315.600	4,546.74	1,232.58	-1,145.12	1,681.52	0.47	-0.36	-0.31
6,758.00	89.11	315.720	4,548.18	1,299.80	-1,210.81	1,775.50	0.13	-0.02	0.13
6,853.00	89.35	316.280	4,549.46	1,368.13	-1,276.80	1,870.48	0.64	0.25	0.59

Survey Report

Company:	Enduring Resources LLC	**Local Co-ordinate Reference:**	Well W Lybrook Unit No. 763H
Project:	San Juan County, New Mexico NAD83 NM W	**TVD Reference:**	RKB=6641+28 @ 6669.00ft (Ensign 773)
Site:	W Lybrook 730 Pad (730, 763, 830, 861 & 863)	**MD Reference:**	RKB=6641+28 @ 6669.00ft (Ensign 773)
Well:	W Lybrook Unit No. 763H	**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)
6,947.00	89.76	316.930	4,550.19	1,436.43	-1,341.38	1,964.45	0.82	0.44	0.69
7,042.00	89.58	316.950	4,550.74	1,505.84	-1,406.24	2,059.41	0.19	-0.19	0.02
7,136.00	89.08	316.360	4,551.84	1,574.20	-1,470.76	2,153.37	0.82	-0.53	-0.63
7,230.00	88.69	316.400	4,553.66	1,642.23	-1,535.59	2,247.34	0.42	-0.41	0.04
7,324.00	88.81	316.430	4,555.72	1,710.31	-1,600.38	2,341.29	0.13	0.13	0.03
7,418.00	89.24	317.160	4,557.32	1,778.81	-1,664.73	2,435.24	0.90	0.46	0.78
7,513.00	89.77	317.620	4,558.14	1,848.73	-1,729.04	2,530.17	0.74	0.56	0.48
7,607.00	89.45	317.760	4,558.78	1,918.24	-1,792.31	2,624.08	0.37	-0.34	0.15
7,701.00	89.47	318.110	4,559.66	1,988.02	-1,855.29	2,717.97	0.37	0.02	0.37
7,796.00	89.83	314.980	4,560.24	2,056.98	-1,920.62	2,812.93	3.32	0.38	-3.29
7,890.00	89.69	315.470	4,560.64	2,123.70	-1,986.82	2,906.93	0.54	-0.15	0.52
7,984.00	89.41	315.100	4,561.37	2,190.50	-2,052.96	3,000.93	0.49	-0.30	-0.39
8,078.00	88.88	314.490	4,562.78	2,256.72	-2,119.65	3,094.91	0.86	-0.56	-0.65
8,173.00	88.50	315.200	4,564.95	2,323.70	-2,186.99	3,189.89	0.85	-0.40	0.75
8,267.00	88.29	315.030	4,567.58	2,390.27	-2,253.30	3,283.85	0.29	-0.22	-0.18
8,362.00	88.47	315.550	4,570.27	2,457.76	-2,320.11	3,378.81	0.58	0.19	0.55
8,457.00	88.66	315.800	4,572.65	2,525.70	-2,386.47	3,473.78	0.33	0.20	0.26
8,551.00	89.09	316.430	4,574.49	2,593.43	-2,451.62	3,567.75	0.81	0.46	0.67
8,647.00	90.71	313.820	4,574.66	2,661.46	-2,519.34	3,663.74	3.20	1.69	-2.72
8,740.00	90.97	314.180	4,573.30	2,726.05	-2,586.23	3,756.70	0.48	0.28	0.39
8,835.00	90.70	314.440	4,571.91	2,792.41	-2,654.20	3,851.68	0.39	-0.28	0.27
8,929.00	90.30	314.580	4,571.09	2,858.30	-2,721.24	3,945.67	0.45	-0.43	0.15
9,023.00	90.27	314.620	4,570.62	2,924.30	-2,788.17	4,039.66	0.05	-0.03	0.04
9,117.00	90.54	315.130	4,569.96	2,990.62	-2,854.78	4,133.66	0.61	0.29	0.54
9,212.00	90.53	315.580	4,569.07	3,058.21	-2,921.53	4,228.66	0.47	-0.01	0.47
9,306.00	90.96	315.870	4,567.85	3,125.51	-2,987.15	4,322.64	0.55	0.46	0.31
9,401.00	89.82	314.070	4,567.20	3,192.64	-3,054.35	4,417.63	2.24	-1.20	-1.89
9,495.00	89.94	314.630	4,567.40	3,258.35	-3,121.57	4,511.62	0.61	0.13	0.60
9,589.00	90.04	314.840	4,567.42	3,324.51	-3,188.34	4,605.62	0.25	0.11	0.22
9,684.00	90.09	315.340	4,567.31	3,391.79	-3,255.41	4,700.62	0.53	0.05	0.53
9,778.00	90.52	315.980	4,566.81	3,459.02	-3,321.11	4,794.61	0.82	0.46	0.68
9,872.00	88.92	314.280	4,567.27	3,525.63	-3,387.42	4,888.61	2.48	-1.70	-1.81
9,966.00	89.09	314.510	4,568.90	3,591.38	-3,454.58	4,982.58	0.30	0.18	0.24
10,060.00	89.12	314.480	4,570.37	3,657.26	-3,521.62	5,076.56	0.05	0.03	-0.03
10,155.00	88.88	314.510	4,572.03	3,723.83	-3,589.38	5,171.54	0.25	-0.25	0.03
10,249.00	89.17	315.130	4,573.63	3,790.08	-3,656.04	5,265.53	0.73	0.31	0.66
10,344.00	89.41	315.710	4,574.80	3,857.74	-3,722.72	5,360.52	0.66	0.25	0.61
10,439.00	89.40	316.070	4,575.79	3,925.94	-3,788.84	5,455.51	0.38	-0.01	0.38
10,533.00	90.74	313.380	4,575.67	3,992.08	-3,855.62	5,549.49	3.20	1.43	-2.86
10,628.00	90.87	313.660	4,574.34	4,057.49	-3,924.50	5,644.44	0.32	0.14	0.29
10,722.00	90.76	313.740	4,573.00	4,122.43	-3,992.45	5,738.40	0.14	-0.12	0.09
10,816.00	90.94	314.380	4,571.61	4,187.79	-4,059.99	5,832.37	0.71	0.19	0.68
10,911.00	91.33	314.870	4,569.73	4,254.51	-4,127.59	5,927.34	0.66	0.41	0.52

Survey Report

Company:	Enduring Resources LLC	**Local Co-ordinate Reference:**	Well W Lybrook Unit No. 763H
Project:	San Juan County, New Mexico NAD83 NM W	**TVD Reference:**	RKB=6641+28 @ 6669.00ft (Ensign 773)
Site:	W Lybrook 730 Pad (730, 763, 830, 861 & 863)	**MD Reference:**	RKB=6641+28 @ 6669.00ft (Ensign 773)
Well:	W Lybrook Unit No. 763H	**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)
11,005.00	89.48	314.420	4,569.06	4,320.56	-4,194.46	6,021.33	2.03	-1.97	-0.48
11,099.00	89.40	314.220	4,569.98	4,386.23	-4,261.71	6,115.31	0.23	-0.09	-0.21
11,193.00	89.78	314.640	4,570.65	4,452.04	-4,328.84	6,209.30	0.60	0.40	0.45
11,288.00	89.70	314.670	4,571.08	4,518.80	-4,396.41	6,304.30	0.09	-0.08	0.03
11,383.00	89.71	314.870	4,571.57	4,585.71	-4,463.86	6,399.29	0.21	0.01	0.21
11,478.00	89.44	314.920	4,572.28	4,652.76	-4,531.15	6,494.29	0.29	-0.28	0.05
11,572.00	89.44	314.950	4,573.20	4,719.15	-4,597.69	6,588.28	0.03	0.00	0.03
11,667.00	89.61	315.170	4,573.98	4,786.39	-4,664.80	6,683.28	0.29	0.18	0.23
11,761.00	89.66	315.150	4,574.58	4,853.04	-4,731.08	6,777.28	0.06	0.05	-0.02
11,855.00	89.34	315.190	4,575.40	4,919.71	-4,797.35	6,871.27	0.34	-0.34	0.04
11,949.00	89.30	315.270	4,576.52	4,986.43	-4,863.54	6,965.27	0.10	-0.04	0.09
12,044.00	89.53	315.520	4,577.49	5,054.07	-4,930.25	7,060.26	0.36	0.24	0.26
12,138.00	89.84	315.890	4,578.01	5,121.35	-4,995.89	7,154.26	0.51	0.33	0.39
12,232.00	90.03	317.010	4,578.11	5,189.48	-5,060.66	7,248.23	1.21	0.20	1.19
12,326.00	89.52	314.710	4,578.48	5,256.93	-5,126.11	7,342.22	2.51	-0.54	-2.45
12,421.00	89.71	315.420	4,579.12	5,324.18	-5,193.21	7,437.22	0.77	0.20	0.75
12,515.00	89.90	315.400	4,579.44	5,391.12	-5,259.20	7,531.22	0.20	0.20	-0.02
12,609.00	89.71	315.310	4,579.76	5,458.00	-5,325.26	7,625.22	0.22	-0.20	-0.10
12,704.00	89.87	315.830	4,580.11	5,525.84	-5,391.76	7,720.21	0.57	0.17	0.55
12,799.00	89.47	315.200	4,580.66	5,593.61	-5,458.33	7,815.21	0.79	-0.42	-0.66
12,893.00	89.19	315.560	4,581.75	5,660.51	-5,524.35	7,909.20	0.49	-0.30	0.38
12,988.00	89.39	315.820	4,582.93	5,728.49	-5,590.70	8,004.19	0.35	0.21	0.27
13,082.00	88.89	315.890	4,584.34	5,795.93	-5,656.16	8,098.17	0.54	-0.53	0.07
13,176.00	89.09	316.440	4,586.00	5,863.73	-5,721.26	8,192.15	0.62	0.21	0.59
13,270.00	89.22	317.500	4,587.39	5,932.43	-5,785.39	8,286.09	1.14	0.14	1.13
13,365.00	89.72	315.740	4,588.27	6,001.47	-5,850.64	8,381.05	1.93	0.53	-1.85
13,459.00	89.44	315.440	4,588.95	6,068.62	-5,916.41	8,475.05	0.44	-0.30	-0.32
13,553.00	89.60	315.610	4,589.74	6,135.69	-5,982.27	8,569.05	0.25	0.17	0.18
13,613.00	89.49	315.547	4,590.22	6,178.54	-6,024.26	8,629.04	0.21	-0.18	-0.11
LTP 13613.00 MD 4590.22 TVD									
13,633.00	89.46	315.526	4,590.40	6,192.82	-6,038.27	8,649.04	0.21	-0.18	-0.11
330 perp @ 13633.00 MD 4590.40 TVD									
13,648.00	89.43	315.510	4,590.55	6,203.52	-6,048.78	8,664.04	0.21	-0.18	-0.11
Survey @ 13648.00 MD 4590.55 TVD									
13,747.00	89.43	315.510	4,591.53	6,274.14	-6,118.16	8,763.03	0.00	0.00	0.00
Survey Proj. to 13747 MD 4591.53 TVD 134 FNL 1723 FWL									

Casing Points

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")
2,555.67	2,515.00	9 5/8"	9-5/8	12-1/4

Survey Report

Company:	Enduring Resources LLC	**Local Co-ordinate Reference:**	Well W Lybrook Unit No. 763H
Project:	San Juan County, New Mexico NAD83 NM W	**TVD Reference:**	RKB=6641+28 @ 6669.00ft (Ensign 773)
Site:	W Lybrook 730 Pad (730, 763, 830, 861 & 863)	**MD Reference:**	RKB=6641+28 @ 6669.00ft (Ensign 773)
Well:	W Lybrook Unit No. 763H	**North Reference:**	Grid
Wellbore:	Original Hole	**Survey Calculation Method:**	Minimum Curvature
Design:	Surveys Original Hole	**Database:**	DB_Feb2822

Design Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates +N/-S (ft)	Local Coordinates +E/-W (ft)	Comment
431.00	430.98	-2.53	-2.13	MWD surveys
2,515.00	2,477.63	-149.89	164.97	9 5/8" Casing @ 2515 MD 2477.63 TVD
4,777.26	4,480.00	-104.35	178.98	FTP G top @ 4777.26 MD 4480.00 TVD
13,613.00	4,590.22	6,178.54	-6,024.26	LTP 13613.00 MD 4590.22 TVD
13,633.00	4,590.40	6,192.82	-6,038.27	330 perp @ 13633.00 MD 4590.40 TVD
13,648.00	4,590.55	6,203.52	-6,048.78	Survey @ 13648.00 MD 4590.55 TVD
13,747.00	4,591.53	6,274.14	-6,118.16	Survey Proj. to 13747 MD 4591.53 TVD 134 FNL 1723 FWL

Survey Report - Geographic

Company:	Enduring Resources LLC	**Local Co-ordinate Reference:**	Well W Lybrook Unit No. 763H
Project:	San Juan County, New Mexico NAD83 NM W	**TVD Reference:**	RKB=6641+28 @ 6669.00ft (Ensign 773)
Site:	W Lybrook 730 Pad (730, 763, 830, 861 & 863)	**MD Reference:**	RKB=6641+28 @ 6669.00ft (Ensign 773)
Well:	W Lybrook Unit No. 763H	**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 W Lybrook 730 Pad (730, 763, 830, 861 & 863)

Site Position:		**Northing:**	1,888,164.052 usft	**Latitude:**	36.189179000
From:	Lat/Long	**Easting:**	2,741,098.391 usft	**Longitude:**	-107.772310000
Position Uncertainty:	0.00 ft	**Slot Radius:**	13-3/16 "	**Grid Convergence:**	0.04 °

Well W Lybrook Unit No. 763H, Surf loc: 1181 FNL 2446 FWL Section 27-T23N-R09W

Well Position	**+N/-S**	0.00 ft	**Northing:**	1,892,794.671 usft	**Latitude:**	36.201902000
	+E/-W	0.00 ft	**Easting:**	2,739,770.786 usft	**Longitude:**	-107.776800000
Position Uncertainty		0.00 ft	**Wellhead Elevation:**	ft	**Ground Level:**	6,641.00 ft

Wellbore Original Hole

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	3/8/2022	8.74	62.71	49,216.04446918

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	315.220

Survey Program **Date** 4/19/2022

From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
431.00	2,453.00	MWD surf (Original Hole)	MWD	OWSG MWD - Standard
2,584.00	13,648.00	MWD (Original Hole)	MWD	OWSG MWD - Standard
13,747.00	13,747.00	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	1,892,794.671	2,739,770.786	36.201902000	-107.776800000
431.00	0.88	220.030	430.98	-2.53	-2.13	1,892,792.137	2,739,768.657	36.201895041	-107.776807221
MWD surveys									
493.00	0.79	247.010	492.98	-3.07	-2.83	1,892,791.605	2,739,767.958	36.201893582	-107.776809593
584.00	0.62	223.370	583.97	-3.67	-3.74	1,892,791.002	2,739,767.042	36.201891927	-107.776812698
675.00	0.75	247.010	674.96	-4.26	-4.63	1,892,790.412	2,739,766.156	36.201890307	-107.776815703
766.00	0.48	240.330	765.96	-4.68	-5.51	1,892,789.991	2,739,765.276	36.201889151	-107.776818685
857.00	0.57	234.000	856.95	-5.14	-6.21	1,892,789.536	2,739,764.579	36.201887903	-107.776821050
948.00	0.13	180.390	947.95	-5.50	-6.57	1,892,789.167	2,739,764.212	36.201886889	-107.776822294
1,039.00	0.35	272.940	1,038.95	-5.59	-6.85	1,892,789.078	2,739,763.934	36.201886645	-107.776823238

Survey Report - Geographic

Company:	Enduring Resources LLC	**Local Co-ordinate Reference:**	Well W Lybrook Unit No. 763H
Project:	San Juan County, New Mexico NAD83 NM W	**TVD Reference:**	RKB=6641+28 @ 6669.00ft (Ensign 773)
Site:	W Lybrook 730 Pad (730, 763, 830, 861 & 863)	**MD Reference:**	RKB=6641+28 @ 6669.00ft (Ensign 773)
Well:	W Lybrook Unit No. 763H	**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
1,132.00	0.35	250.790	1,131.95	-5.67	-7.40	1,892,788.999	2,739,763.382	36.201886429	-107.776825108
1,226.00	0.53	229.430	1,225.95	-6.05	-8.01	1,892,788.621	2,739,762.780	36.201885394	-107.776827147
1,320.00	0.35	50.750	1,319.95	-6.15	-8.11	1,892,788.520	2,739,762.673	36.201885116	-107.776827513
1,414.00	0.75	34.140	1,413.94	-5.46	-7.55	1,892,789.211	2,739,763.240	36.201887013	-107.776825588
1,508.00	0.62	69.740	1,507.94	-4.77	-6.72	1,892,789.896	2,739,764.062	36.201888894	-107.776822799
1,603.00	0.57	48.820	1,602.93	-4.29	-5.89	1,892,790.386	2,739,764.900	36.201890237	-107.776819959
1,697.00	2.33	126.070	1,696.90	-5.10	-3.99	1,892,789.568	2,739,766.797	36.201887988	-107.776813532
1,791.00	6.11	133.720	1,790.63	-9.69	1.17	1,892,784.984	2,739,771.959	36.201875387	-107.776796045
1,886.00	9.32	133.110	1,884.76	-18.44	10.44	1,892,776.231	2,739,781.231	36.201851325	-107.776764634
1,981.00	12.13	136.710	1,978.09	-30.97	22.91	1,892,763.706	2,739,793.694	36.201816898	-107.776722418
2,075.00	15.78	134.160	2,069.30	-47.06	38.85	1,892,747.607	2,739,809.640	36.201772648	-107.776668398
2,170.00	19.60	132.750	2,159.79	-66.89	59.83	1,892,727.785	2,739,830.616	36.201718160	-107.776597342
2,264.00	22.68	128.360	2,247.46	-88.84	85.63	1,892,705.829	2,739,856.411	36.201657804	-107.776509953
2,358.00	23.95	127.660	2,333.78	-111.75	114.94	1,892,682.924	2,739,885.727	36.201594836	-107.776410635
2,453.00	23.55	126.780	2,420.74	-134.89	145.41	1,892,659.780	2,739,916.192	36.201531207	-107.776307419
2,515.00	23.31	128.199	2,477.63	-149.89	164.97	1,892,644.779	2,739,935.752	36.201489967	-107.776241154
9 5/8" Casing @ 2515 MD 2477.63 TVD									
2,584.00	23.05	129.810	2,541.06	-166.98	186.07	1,892,627.690	2,739,956.855	36.201442986	-107.776169659
2,678.00	22.44	130.580	2,627.75	-190.43	213.83	1,892,604.237	2,739,984.617	36.201378515	-107.776075608
2,772.00	21.59	130.380	2,714.90	-213.31	240.63	1,892,581.362	2,740,011.418	36.201315631	-107.775984815
2,867.00	20.39	130.220	2,803.59	-235.32	266.58	1,892,559.352	2,740,037.370	36.201255124	-107.775896897
2,983.00	23.43	130.480	2,911.20	-263.35	299.56	1,892,531.325	2,740,070.349	36.201178078	-107.775785171
3,076.00	22.04	130.230	2,996.97	-286.62	326.95	1,892,508.051	2,740,097.736	36.201114097	-107.775692391
3,171.00	20.23	128.920	3,085.58	-308.45	353.34	1,892,486.218	2,740,124.126	36.201054077	-107.775602989
3,266.00	17.51	128.430	3,175.46	-327.66	377.32	1,892,467.013	2,740,148.105	36.201001279	-107.775521753
3,359.00	18.89	129.680	3,263.81	-345.97	399.87	1,892,448.704	2,740,170.652	36.200950945	-107.775445368
3,453.00	18.09	129.350	3,352.96	-364.94	422.86	1,892,429.734	2,740,193.649	36.200898796	-107.775367461
3,548.00	16.81	128.680	3,443.58	-382.88	444.99	1,892,411.797	2,740,215.779	36.200849483	-107.775292490
3,642.00	11.97	127.150	3,534.61	-397.27	463.38	1,892,397.407	2,740,234.170	36.200809922	-107.775230183
3,736.00	7.76	125.000	3,627.20	-406.80	476.36	1,892,387.876	2,740,247.144	36.200783718	-107.775186229
3,831.00	3.91	117.170	3,721.69	-411.96	484.50	1,892,382.716	2,740,255.282	36.200769530	-107.775158654
3,925.00	1.54	118.750	3,815.57	-414.03	488.46	1,892,380.644	2,740,259.242	36.200763833	-107.775145239
3,988.00	0.47	336.900	3,878.57	-414.20	489.10	1,892,380.475	2,740,259.882	36.200763367	-107.775143067
4,019.00	3.18	321.090	3,909.55	-413.41	488.51	1,892,381.261	2,740,259.292	36.200765527	-107.775145066
4,050.00	6.85	317.300	3,940.42	-411.38	486.71	1,892,383.290	2,740,257.498	36.200771102	-107.775151143
4,082.00	10.01	317.660	3,972.08	-407.92	483.54	1,892,386.749	2,740,254.330	36.200780610	-107.775161874
4,113.00	12.66	317.540	4,002.47	-403.42	479.44	1,892,391.247	2,740,250.221	36.200792974	-107.775175791
4,145.00	15.94	317.870	4,033.47	-397.58	474.12	1,892,397.094	2,740,244.905	36.200809046	-107.775193798
4,177.00	19.04	318.360	4,063.99	-390.42	467.70	1,892,404.256	2,740,238.488	36.200828730	-107.775215535
4,208.00	21.56	317.600	4,093.06	-382.43	460.50	1,892,412.242	2,740,231.286	36.200850681	-107.775239928
4,240.00	24.00	315.400	4,122.56	-373.45	451.97	1,892,421.219	2,740,222.750	36.200875356	-107.775268841
4,271.00	26.43	313.920	4,150.61	-364.18	442.57	1,892,430.495	2,740,213.353	36.200900853	-107.775300674
4,302.00	29.20	314.030	4,178.02	-354.13	432.16	1,892,440.538	2,740,202.944	36.200928460	-107.775335932
4,334.00	32.03	314.730	4,205.56	-342.73	420.52	1,892,451.938	2,740,191.301	36.200959795	-107.775375372
4,365.00	34.97	315.640	4,231.41	-330.59	408.46	1,892,464.078	2,740,179.247	36.200993164	-107.775416204
4,397.00	37.60	315.880	4,257.20	-317.03	395.25	1,892,477.645	2,740,166.037	36.201030456	-107.775460951
4,428.00	40.50	316.300	4,281.27	-302.96	381.71	1,892,491.715	2,740,152.496	36.201069129	-107.775506821
4,460.00	44.23	315.360	4,304.91	-287.50	366.68	1,892,507.174	2,740,137.469	36.201111622	-107.775557721
4,491.00	47.71	314.980	4,326.46	-271.70	350.97	1,892,522.977	2,740,121.757	36.201155060	-107.775610945
4,522.00	50.15	314.750	4,346.82	-255.21	334.41	1,892,539.462	2,740,105.193	36.201200373	-107.775667055
4,554.00	52.21	314.410	4,366.88	-237.71	316.65	1,892,556.960	2,740,087.435	36.201248470	-107.775727209
4,585.00	53.89	314.380	4,385.51	-220.38	298.95	1,892,574.291	2,740,069.734	36.201296110	-107.775787171
4,617.00	56.51	314.440	4,403.77	-201.99	280.18	1,892,592.677	2,740,050.965	36.201346650	-107.775850751
4,649.00	58.87	314.130	4,420.88	-183.11	260.82	1,892,611.559	2,740,031.604	36.201398552	-107.775916334
4,680.00	59.08	313.980	4,436.85	-164.64	241.73	1,892,630.031	2,740,012.513	36.201449328	-107.775981007

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Survey Report - Geographic

Company:	Enduring Resources LLC	**Local Co-ordinate Reference:**	Well W Lybrook Unit No. 763H
Project:	San Juan County, New Mexico NAD83 NM W	**TVD Reference:**	RKB=6641+28 @ 6669.00ft (Ensign 773)
Site:	W Lybrook 730 Pad (730, 763, 830, 861 & 863)	**MD Reference:**	RKB=6641+28 @ 6669.00ft (Ensign 773)
Well:	W Lybrook Unit No. 763H	**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
4,712.00	61.51	313.750	4,452.71	-145.38	221.69	1,892,649.290	2,739,992.474	36.201502266	-107.776048887
4,743.00	64.98	313.810	4,466.66	-126.23	201.71	1,892,668.439	2,739,972.492	36.201554904	-107.776116578
4,774.00	68.79	313.980	4,478.83	-106.47	181.16	1,892,688.204	2,739,951.950	36.201609233	-107.776186163
4,777.26	69.18	314.055	4,480.00	-104.35	178.98	1,892,690.318	2,739,949.763	36.201615042	-107.776193572
FTP G top @ 4777.26 MD 4480.00 TVD									
4,806.00	72.62	314.700	4,489.40	-85.36	159.57	1,892,709.311	2,739,930.355	36.201667249	-107.776259317
4,838.00	76.19	315.150	4,498.01	-63.60	137.75	1,892,731.074	2,739,908.537	36.201727070	-107.776333226
4,869.00	79.11	315.690	4,504.63	-42.03	116.50	1,892,752.641	2,739,887.284	36.201786352	-107.776405218
4,900.00	82.35	315.880	4,509.63	-20.10	95.17	1,892,774.567	2,739,865.952	36.201846618	-107.776477480
4,963.00	86.58	315.970	4,515.70	24.94	51.56	1,892,819.607	2,739,822.343	36.201970417	-107.776625200
5,058.00	86.65	316.030	4,521.31	93.15	-14.32	1,892,887.825	2,739,756.466	36.202157925	-107.776848354
5,152.00	89.15	316.140	4,524.76	160.82	-79.47	1,892,955.488	2,739,691.318	36.202343908	-107.777069040
5,247.00	88.82	316.160	4,526.44	229.32	-145.27	1,893,023.987	2,739,625.515	36.202532186	-107.777291944
5,341.00	88.83	316.470	4,528.37	297.28	-210.18	1,893,091.949	2,739,560.604	36.202718985	-107.777511827
5,435.00	89.00	317.040	4,530.15	365.74	-274.57	1,893,160.408	2,739,496.214	36.202907153	-107.777729942
5,529.00	89.37	317.590	4,531.48	434.83	-338.29	1,893,229.499	2,739,432.492	36.203097053	-107.777945794
5,624.00	89.53	312.780	4,532.40	502.20	-405.23	1,893,296.868	2,739,365.557	36.203282226	-107.778172542
5,718.00	89.13	312.520	4,533.50	565.88	-474.36	1,893,360.550	2,739,296.425	36.203457275	-107.778406746
5,813.00	88.79	312.380	4,535.22	629.99	-544.45	1,893,424.659	2,739,226.339	36.203633498	-107.778644181
5,907.00	89.54	314.770	4,536.59	694.77	-612.54	1,893,489.442	2,739,158.252	36.203811567	-107.778874843
6,002.00	89.31	314.710	4,537.54	761.64	-680.01	1,893,556.308	2,739,090.776	36.203995359	-107.779103428
6,098.00	88.94	314.770	4,539.01	829.20	-748.19	1,893,623.873	2,739,022.595	36.204181072	-107.779334406
6,192.00	88.89	314.650	4,540.79	895.32	-814.98	1,893,689.992	2,738,955.803	36.204362809	-107.779560675
6,286.00	88.98	315.290	4,542.54	961.74	-881.48	1,893,756.413	2,738,889.312	36.204545376	-107.779785927
6,381.00	89.29	315.710	4,543.97	1,029.49	-948.05	1,893,824.164	2,738,822.734	36.204731595	-107.780011473
6,475.00	89.64	316.040	4,544.85	1,096.97	-1,013.50	1,893,891.636	2,738,757.292	36.204917046	-107.780233170
6,569.00	89.47	315.890	4,545.58	1,164.54	-1,078.83	1,893,959.212	2,738,691.955	36.205102781	-107.780454511
6,664.00	89.13	315.600	4,546.74	1,232.58	-1,145.12	1,894,027.249	2,738,625.664	36.205289786	-107.780679085
6,758.00	89.11	315.720	4,548.18	1,299.80	-1,210.81	1,894,094.470	2,738,559.974	36.205474547	-107.780901626
6,853.00	89.35	316.280	4,549.46	1,368.13	-1,276.80	1,894,162.801	2,738,493.988	36.205662356	-107.781125169
6,947.00	89.76	316.930	4,550.19	1,436.43	-1,341.38	1,894,231.102	2,738,429.410	36.205850081	-107.781343940
7,042.00	89.58	316.950	4,550.74	1,505.84	-1,406.24	1,894,300.511	2,738,364.549	36.206040851	-107.781563671
7,136.00	89.08	316.360	4,551.84	1,574.20	-1,470.76	1,894,368.866	2,738,300.033	36.206228722	-107.781782232
7,230.00	88.69	316.400	4,553.66	1,642.23	-1,535.59	1,894,436.903	2,738,235.198	36.206415719	-107.782001880
7,324.00	88.81	316.430	4,555.72	1,710.31	-1,600.38	1,894,504.975	2,738,170.407	36.206602816	-107.782221377
7,418.00	89.24	317.160	4,557.32	1,778.81	-1,664.73	1,894,573.482	2,738,106.064	36.206791104	-107.782439358
7,513.00	89.77	317.620	4,558.14	1,848.73	-1,729.04	1,894,643.397	2,738,041.751	36.206983259	-107.782657233
7,607.00	89.45	317.760	4,558.78	1,918.24	-1,792.31	1,894,712.909	2,737,978.478	36.207174307	-107.782871588
7,701.00	89.47	318.110	4,559.66	1,988.02	-1,855.29	1,894,782.690	2,737,915.503	36.207366092	-107.783084930
7,796.00	89.83	314.980	4,560.24	2,056.98	-1,920.62	1,894,851.642	2,737,850.173	36.207555602	-107.783306258
7,890.00	89.69	315.470	4,560.64	2,123.70	-1,986.82	1,894,918.370	2,737,783.967	36.207739003	-107.783530560
7,984.00	89.41	315.100	4,561.37	2,190.50	-2,052.96	1,894,985.165	2,737,717.833	36.207922590	-107.783754621
8,078.00	88.88	314.490	4,562.78	2,256.72	-2,119.65	1,895,051.387	2,737,651.136	36.208104601	-107.783980592
8,173.00	88.50	315.200	4,564.95	2,323.70	-2,186.99	1,895,118.362	2,737,583.798	36.208288682	-107.784208736
8,267.00	88.29	315.030	4,567.58	2,390.27	-2,253.30	1,895,184.937	2,737,517.489	36.208471662	-107.784433390
8,362.00	88.47	315.550	4,570.27	2,457.76	-2,320.11	1,895,252.424	2,737,450.682	36.208657147	-107.784659735
8,457.00	88.66	315.800	4,572.65	2,525.70	-2,386.47	1,895,320.364	2,737,384.324	36.208843877	-107.784884558
8,551.00	89.09	316.430	4,574.49	2,593.43	-2,451.62	1,895,388.099	2,737,319.175	36.209030042	-107.785105283
8,647.00	90.71	313.820	4,574.66	2,661.46	-2,519.34	1,895,456.121	2,737,251.450	36.209216997	-107.785334743
8,740.00	90.97	314.180	4,573.30	2,726.05	-2,586.23	1,895,520.717	2,737,184.558	36.209394539	-107.785561382
8,835.00	90.70	314.440	4,571.91	2,792.41	-2,654.20	1,895,587.071	2,737,116.587	36.209576911	-107.785791682
8,929.00	90.30	314.580	4,571.09	2,858.30	-2,721.24	1,895,652.965	2,737,049.556	36.209758020	-107.786018795
9,023.00	90.27	314.620	4,570.62	2,924.30	-2,788.17	1,895,718.967	2,736,982.626	36.209939422	-107.786245564
9,117.00	90.54	315.130	4,569.96	2,990.62	-2,854.78	1,895,785.287	2,736,916.015	36.210121700	-107.786471254
9,212.00	90.53	315.580	4,569.07	3,058.21	-2,921.53	1,895,852.874	2,736,849.261	36.210307456	-107.786697429

Survey Report - Geographic

Company:	Enduring Resources LLC	**Local Co-ordinate Reference:**	Well W Lybrook Unit No. 763H
Project:	San Juan County, New Mexico NAD83 NM W	**TVD Reference:**	RKB=6641+28 @ 6669.00ft (Ensign 773)
Site:	W Lybrook 730 Pad (730, 763, 830, 861 & 863)	**MD Reference:**	RKB=6641+28 @ 6669.00ft (Ensign 773)
Well:	W Lybrook Unit No. 763H	**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
9,306.00	90.96	315.870	4,567.85	3,125.51	-2,987.15	1,895,920.172	2,736,783.645	36.210492416	-107.786919746
9,401.00	89.82	314.070	4,567.20	3,192.64	-3,054.35	1,895,987.306	2,736,716.440	36.210676928	-107.787147451
9,495.00	89.94	314.630	4,567.40	3,258.35	-3,121.57	1,896,053.015	2,736,649.223	36.210857526	-107.787375202
9,589.00	90.04	314.840	4,567.42	3,324.51	-3,188.34	1,896,119.175	2,736,582.448	36.211039360	-107.787601452
9,684.00	90.09	315.340	4,567.31	3,391.79	-3,255.41	1,896,186.455	2,736,515.379	36.211224271	-107.787828700
9,778.00	90.52	315.980	4,566.81	3,459.02	-3,321.11	1,896,253.683	2,736,449.683	36.211409037	-107.788051296
9,872.00	88.92	314.280	4,567.27	3,525.63	-3,387.42	1,896,320.296	2,736,383.371	36.211592115	-107.788275979
9,966.00	89.09	314.510	4,568.90	3,591.38	-3,454.58	1,896,386.049	2,736,316.216	36.211772828	-107.788503526
10,060.00	89.12	314.480	4,570.37	3,657.26	-3,521.62	1,896,451.920	2,736,249.173	36.211953868	-107.788730692
10,155.00	88.88	314.510	4,572.03	3,723.83	-3,589.38	1,896,518.490	2,736,181.418	36.212136828	-107.788960268
10,249.00	89.17	315.130	4,573.63	3,790.08	-3,656.04	1,896,584.739	2,736,114.752	36.212318904	-107.789186159
10,344.00	89.41	315.710	4,574.80	3,857.74	-3,722.72	1,896,652.399	2,736,048.077	36.212504856	-107.789412079
10,439.00	89.40	316.070	4,575.79	3,925.94	-3,788.84	1,896,720.606	2,735,981.957	36.212692308	-107.789636116
10,533.00	90.74	313.380	4,575.67	3,992.08	-3,855.62	1,896,786.746	2,735,915.179	36.212874085	-107.789862389
10,628.00	90.87	313.660	4,574.34	4,057.49	-3,924.50	1,896,852.157	2,735,846.298	36.213053860	-107.790095791
10,722.00	90.76	313.740	4,573.00	4,122.43	-3,992.45	1,896,917.093	2,735,778.346	36.213232329	-107.790326047
10,816.00	90.94	314.380	4,571.61	4,187.79	-4,059.99	1,896,982.454	2,735,710.804	36.213411964	-107.790554912
10,911.00	91.33	314.870	4,569.73	4,254.51	-4,127.59	1,897,049.175	2,735,643.205	36.213595333	-107.790783973
11,005.00	89.48	314.420	4,569.06	4,320.56	-4,194.46	1,897,115.225	2,735,576.331	36.213776859	-107.791010575
11,099.00	89.40	314.220	4,569.98	4,386.23	-4,261.71	1,897,180.896	2,735,509.082	36.213957345	-107.791238451
11,193.00	89.78	314.640	4,570.65	4,452.04	-4,328.84	1,897,246.698	2,735,441.958	36.214138188	-107.791465904
11,288.00	89.70	314.670	4,571.08	4,518.80	-4,396.41	1,897,313.466	2,735,374.381	36.214321687	-107.791694894
11,383.00	89.71	314.870	4,571.57	4,585.71	-4,463.86	1,897,380.370	2,735,306.938	36.214505558	-107.791923430
11,478.00	89.44	314.920	4,572.28	4,652.76	-4,531.15	1,897,447.420	2,735,239.642	36.214689829	-107.792151468
11,572.00	89.44	314.950	4,573.20	4,719.15	-4,597.69	1,897,513.809	2,735,173.101	36.214872284	-107.792376945
11,667.00	89.61	315.170	4,573.98	4,786.39	-4,664.80	1,897,581.052	2,735,105.999	36.215057085	-107.792604327
11,761.00	89.66	315.150	4,574.58	4,853.04	-4,731.08	1,897,647.704	2,735,039.719	36.215240260	-107.792828927
11,855.00	89.34	315.190	4,575.40	4,919.71	-4,797.35	1,897,714.366	2,734,973.451	36.215423463	-107.793053484
11,949.00	89.30	315.270	4,576.52	4,986.43	-4,863.54	1,897,781.096	2,734,907.255	36.215606851	-107.793277797
12,044.00	89.53	315.520	4,577.49	5,054.07	-4,930.25	1,897,848.729	2,734,840.548	36.215792720	-107.793503843
12,138.00	89.84	315.890	4,578.01	5,121.35	-4,995.89	1,897,916.008	2,734,774.904	36.215977617	-107.793726287
12,232.00	90.03	317.010	4,578.11	5,189.48	-5,060.66	1,897,984.135	2,734,710.141	36.216164842	-107.793945746
12,326.00	89.52	314.710	4,578.48	5,256.93	-5,126.11	1,898,051.588	2,734,644.683	36.216350214	-107.794167561
12,421.00	89.71	315.420	4,579.12	5,324.18	-5,193.21	1,898,118.837	2,734,577.586	36.216535029	-107.794394933
12,515.00	89.90	315.400	4,579.44	5,391.12	-5,259.20	1,898,185.779	2,734,511.596	36.216718996	-107.794618556
12,609.00	89.71	315.310	4,579.76	5,458.00	-5,325.26	1,898,252.657	2,734,445.542	36.216902788	-107.794842397
12,704.00	89.87	315.830	4,580.11	5,525.84	-5,391.76	1,898,320.496	2,734,379.039	36.217089221	-107.795067758
12,799.00	89.47	315.200	4,580.66	5,593.61	-5,458.33	1,898,388.271	2,734,312.472	36.217275476	-107.795293338
12,893.00	89.19	315.560	4,581.75	5,660.51	-5,524.35	1,898,455.173	2,734,246.451	36.217459335	-107.795517069
12,988.00	89.39	315.820	4,582.93	5,728.49	-5,590.70	1,898,523.147	2,734,180.095	36.217646136	-107.795741936
13,082.00	88.89	315.890	4,584.34	5,795.93	-5,656.16	1,898,590.591	2,734,114.634	36.217831482	-107.795963770
13,176.00	89.09	316.440	4,586.00	5,863.73	-5,721.26	1,898,658.386	2,734,049.542	36.218017789	-107.796184355
13,270.00	89.22	317.500	4,587.39	5,932.43	-5,785.39	1,898,727.091	2,733,985.406	36.218206596	-107.796401697
13,365.00	89.72	315.740	4,588.27	6,001.47	-5,850.64	1,898,796.133	2,733,920.162	36.218396327	-107.796622795
13,459.00	89.44	315.440	4,588.95	6,068.62	-5,916.41	1,898,863.279	2,733,854.384	36.218580854	-107.796845709
13,553.00	89.60	315.610	4,589.74	6,135.69	-5,982.27	1,898,930.351	2,733,788.531	36.218765174	-107.797068880
13,613.00	89.49	315.547	4,590.22	6,178.54	-6,024.26	1,898,973.202	2,733,746.536	36.218882933	-107.797211196
LTP 13613.00 MD 4590.22 TVD									
13,633.00	89.46	315.526	4,590.40	6,192.82	-6,038.27	1,898,987.476	2,733,732.528	36.218922157	-107.797258670
330 perp @ 13633.00 MD 4590.40 TVD									
13,648.00	89.43	315.510	4,590.55	6,203.52	-6,048.78	1,898,998.177	2,733,722.018	36.218951566	-107.797294286
Survey @ 13648.00 MD 4590.55 TVD									
13,747.00	89.43	315.510	4,591.53	6,274.14	-6,118.16	1,899,068.797	2,733,652.644	36.219145637	-107.797529390
Survey Proj. to 13747 MD 4591.53 TVD 134 FNL 1723 FWL									

Survey Report - Geographic

Company:	Enduring Resources LLC	**Local Co-ordinate Reference:**	Well W Lybrook Unit No. 763H
Project:	San Juan County, New Mexico NAD83 NM W	**TVD Reference:**	RKB=6641+28 @ 6669.00ft (Ensign 773)
Site:	W Lybrook 730 Pad (730, 763, 830, 861 & 863)	**MD Reference:**	RKB=6641+28 @ 6669.00ft (Ensign 773)
Well:	W Lybrook Unit No. 763H	**North Reference:**	Grid
Wellbore:	Original Hole	**Survey Calculation Method:**	Minimum Curvature
Design:	Surveys Original Hole	**Database:**	DB_Feb2822

Casing Points

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")
2,555.67	2,515.00	9 5/8"	9-5/8	12-1/4

Design Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates +N/-S (ft)	Local Coordinates +E/-W (ft)	Comment
431.00	430.98	-2.53	-2.13	MWD surveys
2,515.00	2,477.63	-149.89	164.97	9 5/8" Casing @ 2515 MD 2477.63 TVD
4,777.26	4,480.00	-104.35	178.98	FTP G top @ 4777.26 MD 4480.00 TVD
13,613.00	4,590.22	6,178.54	-6,024.26	LTP 13613.00 MD 4590.22 TVD
13,633.00	4,590.40	6,192.82	-6,038.27	330 perp @ 13633.00 MD 4590.40 TVD
13,648.00	4,590.55	6,203.52	-6,048.78	Survey @ 13648.00 MD 4590.55 TVD
13,747.00	4,591.53	6,274.14	-6,118.16	Survey Proj. to 13747 MD 4591.53 TVD 134 FNL 1723 FWL

ENDURING RESOURCES IV, LLC
6300 S SYRACUSE WAY, SUITE 525
CENTENNIAL, COLORADO 80111

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

WELL INFORMATION:

Name: **W LYBROOK UNIT 763H**
API Number: *30-045-38200*
AFE Number: *DV03068*
ER Well Number: *NM08265.01*
State: New Mexico
County: San Juan
Surface Elevation: 6,641 ft ASL (GL) 6,669 ft ASL (KB)
Surface Location: 27-23N-09W Sec-Twn-Rng 1,181 ft FNL 2,446 ft FWL
36.201902 ° N latitude 107.7768 ° W longitude (NAD 83)
BH Location: 21-23N-09W Sec-Twn-Rng 222 ft FNL 1,740 ft FWL
36.218924 ° N latitude 107.793777 ° W longitude (NAD 83)
Driving Directions: **FROM THE INTERSECTION OF US HWY 550 & US HWY 64 IN BLOOMFIELD, NM:**
South on US Hwy 550 for 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 0.6 miles to fork, Right (Southwest) on CR #7890 for 0.5 miles to fork, Right (West) exiting CR #7890 onto access road for W Lybrook Unit 720H pad for 0.6 miles to fork, Left (West) onto access road for W Lybrook Unit 726H pad for 0.7 miles to fork, Left (West) for 1.4 miles to fork. Left (Southest) for 0.6 miles to W Lybrook Unit 730H Pad (wells: 730H, 763H, 830H, 861H, 863H).

GEOLOGIC AND RESERVOIR INFORMATION:

Prognosis:

Formation Tops	TVD (ft ASL)	TVD (ft KB)	MD (ft KB)	O / G / W	Pressure
Ojo Alamo	6,475	194	194	W	normal
Kirtland	6,370	299	299	W	normal
Fruitland	6,160	509	509	G, W	sub
Pictured Cliffs	5,763	906	906	G, W	sub
Lewis	5,650	1,019	1,019	G, W	normal
Chacra	5,405	1,264	1,264	G, W	normal
Cliff House	4,380	2,289	2,305	G, W	sub
Menefee	4,360	2,309	2,326	G, W	normal
Point Lookout	3,380	3,289	3,389	G, W	normal
Mancos	3,220	3,449	3,554	O,G	sub (~0.38)
Gallup (MNCS_A)	2,895	3,774	3,881	O,G	sub (~0.38)
MNCS_B	2,790	3,879	3,986	O,G	sub (~0.38)
MNCS_C	2,700	3,969	4,076	O,G	sub (~0.38)
MNCS_Cms	2,660	4,009	4,116	O,G	sub (~0.38)
MNCS_D	2,522	4,147	4,260	O,G	sub (~0.38)
MNCS_E	2,382	4,287	4,424	O,G	sub (~0.38)
MNCS_F	2,325	4,344	4,502	O,G	sub (~0.38)
MNCS_G	2,253	4,416	4,621	O,G	sub (~0.38)
MNCS_H	2,210	4,459	4,707	O,G	sub (~0.38)
MNCS_I	2,165	4,504	4,824	O,G	sub (~0.38)
FTP (LP) TARGET	**2,140**	**4,529**	**4,988**	**O,G**	**sub (~0.38)**
LTP (TD) TARGET	**2,070**	**4,599**	**13,663**	**O,G**	**sub (~0.38)**

Surface: Nacimiento
Oil & Gas Zones: Several gas bearing zones will be encountered; target formation is the Gallup
Pressure: Normal (0.43 psi/ft) or sub-normal pressure gradients anticipated in all formations
Max. pressure gradient: 0.43 psi/ft Evacuated hole gradient: 0.22 psi/ft
Maximum anticipated BH pressure, assuming maximum pressure gradient: 1,980 psi
Maximum anticipated surface pressure, assuming partially evacuated hole: 970 psi
Temperature: **Maximum anticipated BHT is 125° F or less**

H_2S INFORMATION:

H_2S Zones: Encountering hydrogen-sulfide bearing zones is **NOT** anticipated.
Safety: Sensors and alarms will be placed in the substructure, on the rig floor, above the pits, and at the shakers.

LOGGING, CORING, AND TESTING:

Released to Imaging: 10/26/2023 7:34:52 AM

Mud Logs: None planned; remote geo-steering from drill out of 9-5/8" casing to TD; gas detection from drillout of 13-3/8" casing to TD.
MWD / LWD: Gamma Ray from drillout of 13-3/8" casing to TD
Open Hole Logs: None planned
Testing: None planned
Coring: None planned
Cased Hole Logs: CBL on 5-1/2" casing from deepest free-fall depth to surface

DRILLING RIG INFORMATION:

Contractor: Ensign
Rig No.: 773
Draw Works: Pacific Rim 1500AC
Mast: ADR 1500S Cantilever Triple (142 ft, 800,000 lbs, 12 lines)
Top Drive: Tesco 500-ESI-1350 (500 ton, 1,350 hp)
Prime Movers: 3 - CAT 3512 (1,475 hp)
Pumps: 3 - Gardner-Denver PZ11 (7,500 psi)
BOPE 1: Cameron single gate ram (pipe) & double gate ram (pipe & blind) (13-5/8", 10,000 psi)
BOPE 2: Cameron annular (13-5/8", 5,000 psi)
Choke 3", 10,000 psi
KB-GL (ft): 28
NOTE: A different rig may be used to drill the well depending on rig availability

BOPE REQUIREMENTS:

See attached diagram for details regarding BOPE specifications and configuration.

1) Rig will be equipped with upper and lower kelly cocks with handles available.
2) Inside BOP and TIW valves will be available to use on all sizes and threads of drill pipe used while drilling the well.
3) BOP accumulator will have enough capacity to open the HCR valve, close all rams and annular preventer, and retain minimum of 200 psi above precharge on the closing manifold without the use of closing pumps. The fluid reservoir capacity shall be at least double the usable fluid volume of the accumulator system capacity, and the fluid level shall be maintained at manufacturer's recommendation. There will be two additional sources of power for the closing pumps (electric and air). Sufficient nitrogen bottles will be available and will be recharged when pressure falls below manufacturer's recommended minimum.
4) BOP testing shall be conducted (a) when initially installed, (b) whenever any seal is broken or repaired, (c) if the time since the previous test exceeds 30 days. Tests will be conducted using a test plug. BOP ram preventers will be tested to 3,000 psig for 10 minutes, and the annular preventer will be tested to 1,500 psi for 10 minutes. Ram and annular preventers will be tested to 250 psi for 5 minutes. Additionally, BOP and casing strings will be tested to .22 psi/ft or 1,500 psi, whichever is greater but not exceeding 70% of yield strength of the casing, for 30 minutes, prior to drilling out 13-3/8" and 9-5/8" casing. Rams and hydraulically operated remote choke line valve will be function tested daily at a minimum.
5) Remote valve for BOP rams, HCR, and choke shall be placed in a location that is readily available to the driller. The remote BOP valve shall be capable of closing and opening the rams.
6) Manual locking devices (hand wheels) shall be intalled on rams. A valve will be installed on the annular preventer's closing line as close as possible to the preventer to act as a locking device.The valve will be maintained in the open position and shall only be closed when the there is no power to the accumulator.

FLUIDS AND SOLIDS CONTROL PROGRAM:

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

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

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

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

Fluid Program: See "Detailed Drilling Plan" section for specifics and fluid program from Newpark. Sufficient weighting agent will be on location to weight up mud system to balance the maximum expected pressure gradient.

DETAILED DRILLING PLAN:

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

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

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

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

Hole Size: 17-1/2"
Bit / Motor: Mill Tooth or PDC, no motor
MWD / Survey: No MWD, deviation survey
Logging: None
Procedure: Drill to TD. Use 12-/4" bit and open to 17-1/2" if unable to drill with 17-1/2" bit. Run inclination survey in 100' stations from TD to surface. Condition hole and fluid for casing running as required. TOOH. Run casing. Pump cement as detailed below. Monitor returns during cement job and note cement volume to surface. Install cellar and wellhead.

Casing Specs:		Wt (lb/ft)	Grade	Conn.	Collapse (psi)	Burst (psi)	Tens. Body (lbs)	Tens. Conn (lbs)
Specs	13.375	54.5	J-55	BTC	1,130	2,730	853,000	909,000
Loading					153	536	116,634	116,634
Min. S.F.					**7.39**	**5.09**	**7.31**	**7.79**

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

MU Torque (ft lbs): *Minumum: N/A Optimum: N/A Maximum: N/A*
Make-up as per API Buttress Connection running procedure.
Casing Summary: Float shoe, 1 jt casing, float collar, casing to surface
Centralizers: 2 centralizers per jt stop-banded 10' from each collar on bottom 3 jts, 1 centralizer per 2 jts to surface

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

Calculated cement volumes assume gauge hole and the excess noted in table
Drake Energy Services surface cementing blend
Notify NMOCD & BLM if cement is not circulated to surface. Cement must achieve 500 psi compressive strength before drilling out.

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

350 ft (MD)	to	2,490 ft (MD)	Hole Section Length:	2,140 ft
350 ft (TVD)	to	2,459 ft (TVD)*	Casing Required:	2,490 ft

TARGET CSG SHOE DEPTH IS 150' TVD BELOW MENEFEE TOP

Fluid:	Type	MW (ppg)	FL (mL/30 min)	PV (cp)	YP (lb/100 sqft)	pH	Comments
	LSND (KCl)	8.8 - 9.5	20	8 - 14	8 - 14	9.0 - 9.5	

Hole Size: 12-1/4"
Bit / Motor: PDC w/mud motor
Bit / Motor (Detail): **MOTOR:** NOV 087840 - 7/8, 4.0, stage, 0.16 rev/gal, 1.83 DEG, 900 GPM, 950 DIFF PSIG
BIT: 5- or 6-BLADE PDC w/16 mm or 19 mm cutters, target TFA 0.65 - 1.0 max); 6 - 14s = 0.902 sq-in TFA
MWD / Survey: MWD Survey with inclination and azimuth survey (every 100' at a minimum), GR optional
Logging: None
Pressure Test: NU BOPE and test (as noted above); pressure test 13-3/8" casing to **1,500** psi for 30 minutes.
Procedure: Drill to TD following directional plan **(20' rat-hole (MAX) past casing setting depth)**. Steer as needed to keep well on plan. Keep DLS < 3 deg/100' and keep slide length < 10', when possible. Take surveys every stand, at a minimum. Target flow-rates of 750 GPM (higher if able to control return rates). Minimum desired flow-rate is 650 GPM. At TD, condition hole and fluid for casing running. TOOH. Run casing using a CRT and washing / circulating as required. Land casing. ND BOPE. Walk rig to next well. Perform off-line cement job, if possible. Pump cement as detailed below. Monitor returns during cement job and note cement volume to surface.

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Casing Specs:		Wt (lb/ft)	Grade	Conn.	Collapse (psi)	Burst (psi)	Tens. Body (lbs)	Tens. Conn (lbs)
Specs	9.625	36.0	J-55	LTC	2,020	3,520	564,000	453,000
Loading					1,074	1,111	178,170	178,170
Min. S.F.					**1.88**	**3.17**	**3.17**	**2.54**

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

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

Casing Summary: Float shoe, 1 jt casing, float collar, casing to surface **(FLOAT EQUIPMENT FROM WEATHERFORD)**

Centralizers: 1 centralizers jt stop-banded 10' from float shoe on bottom 1 jt & 1 centralizer floating on bottom joint, 1 centralizer per jt (floating) to KOP ; 1 centralizer per 2 jts (floating) to surface **(CENTRALIZERS FROM ARSENAL - SLIP'N'SLIDE 9-5/8" x 12" SOLID BODY POLYMER)**

Cement:	Type	Weight (ppg)	Yield (cuft/sk)	Water (gal/sk)	% Excess	Planned TOC (ft MD)	Total Cmt (sx)
Lead	III:POZ Blend	12.5	2.140	12.05	70%	0	467
Tail	Type III	14.6	1.38	6.64	20%	1,990	136

Annular Capacity	0.3627	cuft/ft	*9-5/8" casing x 13-3/8" casing annulus*
	0.3132	cuft/ft	*9-5/8" casing x 12-1/4" hole annulus*

Calculated cement volumes assume gauge hole and the excess noted in table
Drake Energy Services Intermediate Cementing Program
Notify NMOCD & BLM if cement is not circulated to surface. Cement must achieve 500 psi compressive strength before drilling out.

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

2,490	**ft (MD)**	**to**	**13,663**	**ft (MD)**	**Hole Section Length:** **11,173 ft**
2,459	**ft (TVD)**	**to**	**4,599**	**ft (TVD)**	**Casing Required:** **13,663 ft**

Estimated KOP:	**4,033**	**ft (MD)**	**3,926**	**ft (TVD)**
Estimated Landing Point (FTP):	**4,988**	**ft (MD)**	**4,529**	**ft (TVD)**
Estimated Lateral Length:	**8,675**	**ft (MD)**		

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

Fluids / Solids Notes: OptiDrill OBM system will be built from previous well. Ensure that drying shakers are rigged up after the rig (2nd set) of shakers. Solids control will burn retorts on cuttings samples one per tour to check % ROC. Add diesel and products as required to maintain mud in program specs. Reference Newpark's mud program for additional details.

Hole Size: 8-1/2"

Bit / Motor: PDC w/mud motor

Bit / Motor (Detail): **MOTOR:** NOV 077857 - 7/8, 5.7, stage, 0.23 rev/gal, 1.83 - 2.12 DEG, 750 GPM, 1,580 DIFF PSIG (or similar); on demand friction breaking device(s) as required, bottom tool spaced ~3,000' behind the bit.
BIT: 5-BLADE PDC w/16 mm - 19 mm cutters, matrix body, target TFA = 1.0 - 1.5 sq-in

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

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

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

Procedure: Drill to KOP following directional plan. Target flow-rate is 650 - 700 GPM. Target differential is pressure is 700 - 1,000 psig. Target ROP 500 - 600 ft/hr. Steer as needed to keep well on plan. Keep DLS < 3 deg/100' and keep slide length < 10' until KOP, when feasible. Take surveys every stand, at a minimum. Confirm landing target, planned BUR for curve, and KOP with Geology and Engineering. Drill curve following directional plan and updated landing target. Take survey every joint during curve. Land curve. Continue drilling in lateral section, steering as needed to keep well on plan and in the target window. Keep DLS < 2 deg/100' and keep slide length < 20', when feasible. Take surveys every stand, at a minimum. **Target rotating parameters / performance: flow-rate is 650 - 700 GPM, differential is pressure is 700 - 1,000 psig, ROP 500 - 600 ft/hr, torque 38K ft-lbs (MAX drill pipe MUT).** After reaching TD, perform clean-up cycle to condition hole for casing running. Spot lube as required and TOOH (ROOH, if required; should NOT be required with OBM system). Run casing as described below. Use CRT for casing running only if necessary (should NOT be required with OBM). Verify make up torque when running casing. Space out casing getting the toe sleeve as close to LTP as possible. Land casing and test pack-off. Open floatation sub, fill casing, and circulate as required. Nipple down BOPE, walk rig to next well, and perform off-line cement job. Pump cement as detailed below. Note cement volume circulated to surface.

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Casing Specs:	Size (in)	Wt (lb/ft)	Grade	Conn.	Collapse (psi)	Burst (psi)	Tens. Body (lbs)	Tens. Conn (lbs)
Specs	5.500	17.0	P-110	LTC	7,460	10,640	546,000	445,000
Loading					2,272	8,930	350,429	350,429
Min. S.F.					**3.28**	**1.19**	**1.56**	**1.27**

Assumptions: Collapse: fully evacuated casing with 9.5 ppg fluid in the annulus (floating casing during running)
Burst: 8,500 psi maximum surface treating pressure with 10.2 ppg equivalent mud weight sand laden fluid with 8.4 ppg equivalent external pressure gradient
Tension: buoyed weight in 9.0 ppg fluid with 150,000 lbs over-pull

MU Torque (ft lbs): *Minumum: 3,470 Optimum: 4,620 Maximum: 5,780*

Casing Summary: Float shoe, 1 jt casing, float collar w/debris catcher, 1 jt casing, float collar **(WFT float equipment)**, 20' marker joint, toe-intitiation sleeve **(WFT RD 8,500 psi)**, casing to KOP with 20' marker joints spaced evenly in lateral every ~2,000', floatation sub **(NCS Air-Lock 4,500 psi from WFT)**, casing to surface. The toe-initiation sleeve shall be placed no closer to the unit boundary than 100' measured along the azimuth of the well or 330' measured perpendicular to the the azimuth of the well. ***Note: the LTP is the maximum depth of the toe sleeve and is noted on the Well Plan. Drill past the LTP as required for necessary rat-hole and shoe-track length to place the toe sleeve as close to (but not past) the planned LTP as possible.***

Centralizers: *Centralizer count and placement may be adjusted based on well conditions and as-drilled surveys* ***(ARSENAL***
Lateral: 1 centralizer per joint
POE to 9-5/8" shoe: 1 centralizer per joint
9-5/8" shoe to surface: 1 centralizer per 2 joints

Cement:	Type	Weight (ppg)	Yield (cuft/sk)	Water (gal/sk)	% Excess	Planned TOC (ft MD)	Total Cmt (sx)
Lead	Type III	12.4	2.360	13.40	65%	0	454
Tail	G:POZ blend	13.3	1.560	7.70	10%	3,554	1,633

Annular Capacity 0.2691 cuft/ft *5-1/2" casing x 9-5/8" casing annulus*
0.2291 cuft/ft *5-1/2" casing x 8-1/2" hole annulus*

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

American Cementing Liner & Production Blend ***with LCM in spacer and cement (offset producing well WLU 735H is one well slot to the west)***

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

Note: This well will not be considered an unorthodox well location as defined by NMAC19.15.16.15.C.5. As defined in NMAC 19.15.16.15.C.1.a and 19.15.16.15.C.1.b, no point in the completed interval shall be closer to the unit boundary than 100' measured along the azimuth of the well or 330' measured perpendicular to the azimuth well. The boundaries of the completed interval, as defined by NMAC 19.15.16.7.B, are the last take point and first take point, as defined by NMAC 19.15.16.7.E and NMAC 19.15.16.7.J, respectively. In the case of this well, the last take point will be the bottom toe-initiation sleeve, and the first take point will be the top perforation. **Neither the bottom toe-initiation sleeve nor the top perforation shall be closer to the unit boundary than 100' measured along the azimuth of the well or 330' measured perpendicular to the azimuth of the well.**

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

Procedure: ND BOP. Walk rig to next well. Cement off-line. Cap well.

COMPLETION AND PRODUCTION PLAN:

Frac: 40 plug-and-perf stages with 280,000 bbls slickwater fluid and 17,000,000 lbs of proppant (estimated)
Flowback: Flow back through production tubing as pressures allow (ESP may be used for load recovery assitance)
Production: Produce through production tubing via gas-lift into permanent production and storage facilities

ESTIMATED START DATES:

Drilling: 3/11/2022
Completion: 4/30/2022
Production: 6/19/2022

Prepared by: **Alec Bridge** **1/21/2020**
Updated by: **Alec Bridge** **11/12/2021** *- updated BHL and directional plan for combination unit (LL increase 1,889')*
Updated by: **Alec Bridge** **1/20/2022** *- updated drilling prog & AFE information for 2022 drilling program*
Alec Bridge **3/11/2022** *- updated tops & directional plan to final geo-prog; updated 9-5/8" casing point; updated mud system; updated cement volumes*

WELL NAME: **W LYBROOK UNIT 763H**

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

API Number: *30-045-38200*

AFE Number: *DV03068*

ER Well Number: *NM08265.01*

State: New Mexico

County: San Juan

Surface Elev.:	6,641	ft ASL (GL)	6,669	ft ASL (KB)		
Surface Location:	27-23N-09W	Sec-Twn- Rng	1,181	ft FNL	2,446	ft FWL
BH Location:	21-23N-09W	Sec-Twn- Rng	222	ft FNL	1740	ft FWL

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 0.6 miles to fork, Right (Southwest) on CR #7890 for 0.5 miles to fork, Right (West) exiting CR #7890 onto access road for W Lybrook Unit 720H pad for 0.6 miles to fork, Left (West) onto access road for W Lybrook Unit 726H pad for 0.7 miles to fork, Left (West) for 1.4 miles to fork. Left (Southest) for 0.6 miles to W Lybrook Unit 730H Pad (wells: 730H, 763H, 830H, 861H, 863H).

QUICK REFERENCE	
Sur TD (MD)	350 ft
Int TD (MD)	2,490 ft
KOP (MD)	4,033 ft
KOP (TVD)	3,926 ft
Target (TVD)	4,529 ft
Curve BUR	10 °/100 ft
POE (MD)	4,988 ft
TD (MD)	13,663 ft
Lat Len (ft)	8,675 ft

WELL CONSTRUCTION SUMMARY:

	Hole (in)	TD MD (ft)	Csg (in)	Csg (lb/ft)	Csg (grade)	Csg (conn)	Csg Top (ft)	Csg Bot (ft)
Surface	17.500	350	13.375	54.5	J-55	BTC	0	350
Intermediate	12.250	2,490	9.625	36.0	J-55	LTC	0	2,490
Production	8.500	13,663	5.500	17.0	P-110	LTC	0	13,663

CEMENT PROPERTIES SUMMARY:

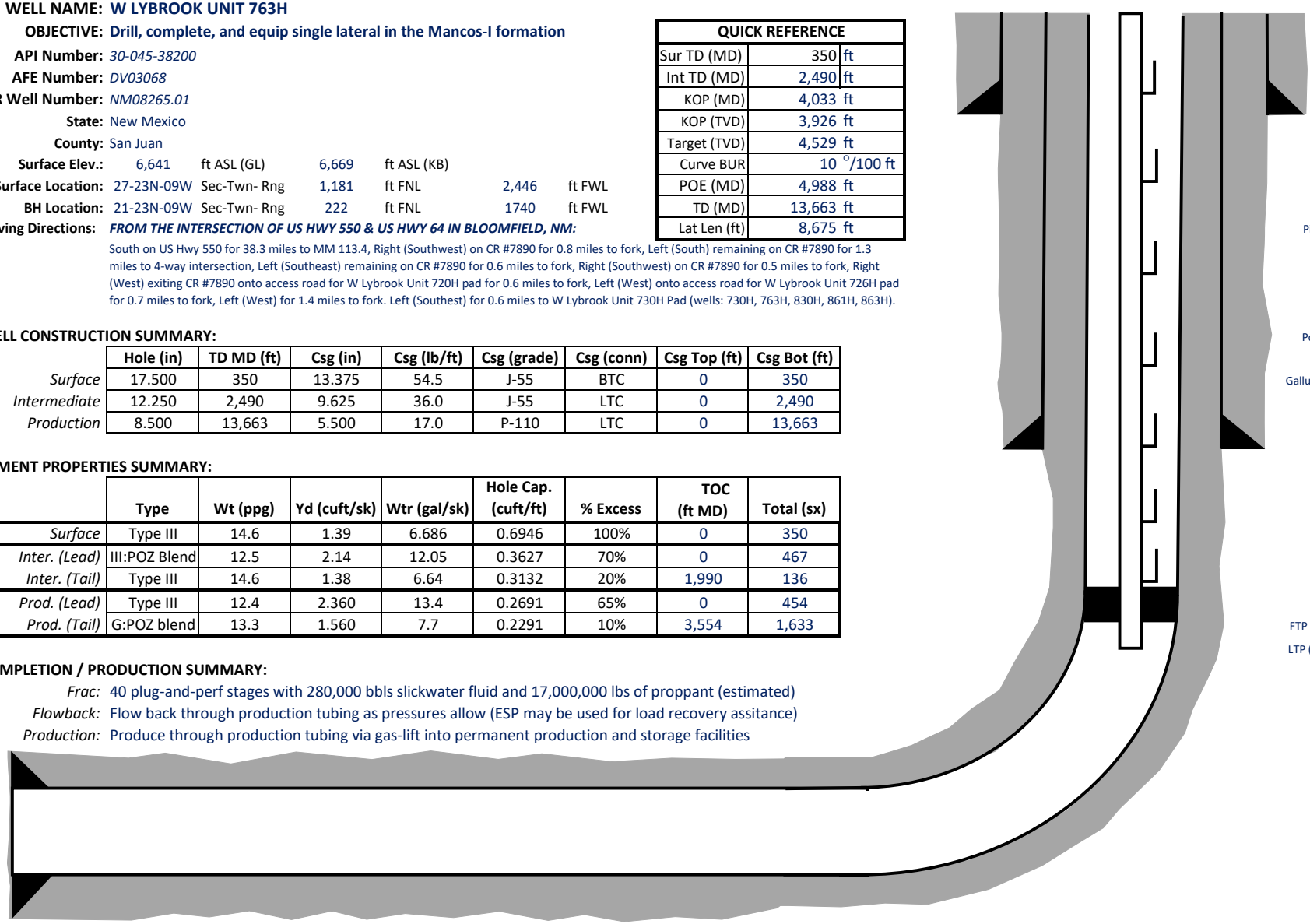
	Type	Wt (ppg)	Yd (cuft/sk)	Wtr (gal/sk)	Hole Cap. (cuft/ft)	% Excess	TOC (ft MD)	Total (sx)
Surface	Type III	14.6	1.39	6.686	0.6946	100%	0	350
Inter. (Lead)	III:POZ Blend	12.5	2.14	12.05	0.3627	70%	0	467
Inter. (Tail)	Type III	14.6	1.38	6.64	0.3132	20%	1,990	136
Prod. (Lead)	Type III	12.4	2.360	13.4	0.2691	65%	0	454
Prod. (Tail)	G:POZ blend	13.3	1.560	7.7	0.2291	10%	3,554	1,633

COMPLETION / PRODUCTION SUMMARY:

Frac: 40 plug-and-perf stages with 280,000 bbls slickwater fluid and 17,000,000 lbs of proppant (estimated)

Flowback: Flow back through production tubing as pressures allow (ESP may be used for load recovery assitance)

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



Tops	TVD (ft KB)	MD (ft KB)
Ojo Alamo	194	194
Kirtland	299	299
Fruitland	509	509
Pictured Cliffs	906	906
Lewis	1,019	1,019
Chacra	1,264	1,264
Cliff House	2,289	2,305
Menefee	2,309	2,326
Point Lookout	3,289	3,389
Mancos	3,449	3,554
Gallup (MNCS_A)	3,774	3,881
MNCS_B	3,879	3,986
MNCS_C	3,969	4,076
MNCS_Cms	4,009	4,116
MNCS_D	4,147	4,260
MNCS_E	4,287	4,424
MNCS_F	4,344	4,502
MNCS_G	4,416	4,621
MNCS_H	4,459	4,707
MNCS_I	4,504	4,824
FTP (LP) TARGET	4,529	4,988
LTP (TD) TARGET	4,599	13,663

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

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way, Suite 525 Centennial, CO 80111	OGRID: 372286
	Action Number: 109116
	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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Santa Fe, NM 87505

COMMENTS

Action 109116

COMMENTS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way, Suite 525 Centennial, CO 80111	OGRID: 372286
	Action Number: 109116
	Action Type: [C-104] Tight Hole Completion Packet (C-104CT)

COMMENTS

Created By	Comment	Comment Date
llowe	COA: RT expires on 10/08/22	7/8/2022

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CONDITIONS

Action 109116

CONDITIONS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way, Suite 525 Centennial, CO 80111	OGRID: 372286
	Action Number: 109116
	Action Type: [C-104] Tight Hole Completion Packet (C-104CT)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	RT EXPIRES 10/8/2022.	10/3/2023