

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

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

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

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Enduring Resources IV LLC. 200 Energy Court Farmington NM 87401		² OGRID Number 372286	
		³ Reason for Filing Code/ Effective Date RT	
⁴ API Number 30-045-38265	⁵ Pool Name LYBROOK MANCOS W		⁶ Pool Code 98157
⁷ Property Code 321259	⁸ Property Name W LYBROOK UNIT		⁹ Well Number #728H

II. ¹⁰ Surface Location

UL or lot no. M	Section 23	Township 23N	Range 9W	Lot Idn	Feet from the 548'	North/South Line South	Feet from the 621'	East/West line West	County San Juan
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¹¹ Bottom Hole Location

UL or lot no. L	Section 15	Township 23N	Range 9W	Lot Idn	Feet from the 1963'	North/South line South	Feet from the 168'	East/West line West	County San Juan
¹² Lse Code F	¹³ Producing Method Code		¹⁴ Gas Connection Date 4/25/2022		¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date	

III. Oil and Gas Transporters

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

IV. Well Completion Data

²¹ Spud Date 12/17/2021	²² Ready Date 5/4/2022	²³ TD 13517' MD 4329' TVD	²⁴ PBDT 13397.4' MD 4328' TVD	²⁵ Perforations ~ 4669'-13392' MD ~ 4257'-4328' TVD	²⁶ DHC, MC R-14051	
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set		³⁰ Sacks Cement
17-1/2"		13-3/8",54.5#, J-55		360' MD		350 sx - surface
12-1/4"		9-5/8",36#, J-55		2653' MD		639 sx- surface
8-1/2"		5-1/2",17#, P-110		13506' MD		2029 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: <i>Kayla White</i>	OIL CONSERVATION DIVISION Approved by: <i>PATRICIA MARTINEZ</i>				
Printed name: Kayla White	Title: <i>PETROLEUM SPECIALIST</i>				
Title: Associate Consultant, Environmental Engineer	Approval Date: <i>4/27/2022</i>				
E-mail Address: Kayla.N.White@wsp.com	<i>RT EXPIRES 7/26/2022</i>				
Date: 3/24/2022					



ENDURING RESOURCES IV LLC

March 22, 2022

Re: W LYBROOK UNIT 728H- 30-045-38265

Pursuant to NMOC 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 I
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First Street, Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Drive, Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

Submit one copy to
Appropriate District Office

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

☐ AMENDED REPORT

AS-DRILLED WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-38265	² Pool Code 98157	³ Pool Name LYBROOK MANCOS W
⁴ Property Code 321259	⁵ Property Name W LYBROOK UNIT	⁶ Well Number 728H
⁷ GRID No. 372286	⁸ Operator Name ENDURING RESOURCES, LLC	⁹ Elevation 6747'

¹⁰ Surface Location

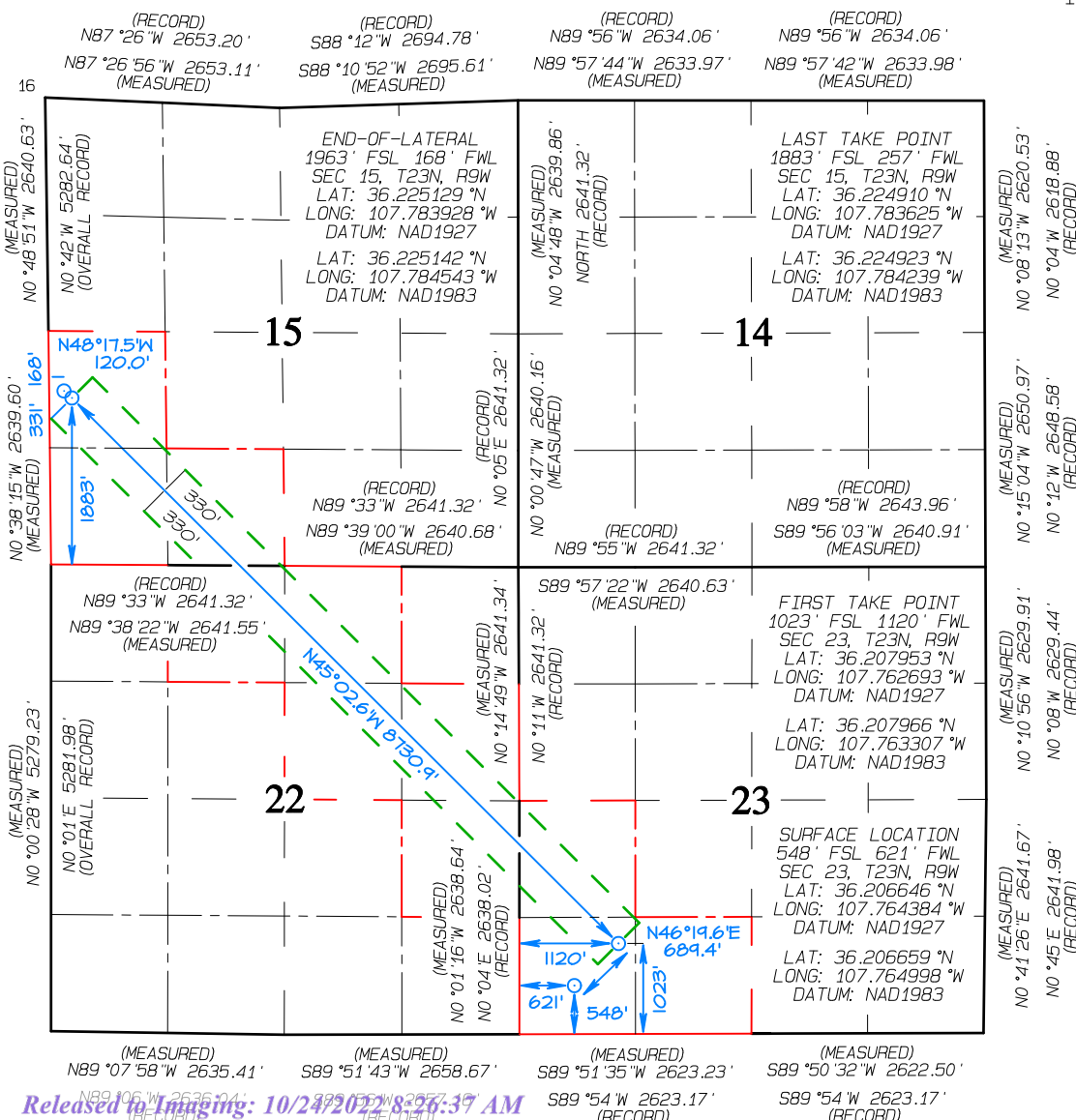
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	23	23N	9W		548	SOUTH	621	WEST	SAN JUAN

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
L	15	23N	9W		1963	SOUTH	168	WEST	SAN JUAN

¹² Dedicated Acres 440.00	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. R-14051 - 12,807.24 Acres
NE/4 NW/4, NW/4 NE/4 S/2 NE/4, NE/4 SE/4 - Section 22 W/2 SW/4, SE/4 SW/4 - Section 23 W/2 SW/4, SE/4 SW/4 - Section 15			

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: 3/18/22
Printed Name: Heather Huntington
E-mail Address: hhuntington@enduringresources.com

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

Date Revised: MARCH 15, 2022
Survey Date: SEPTEMBER 10, 2015

Signature and Seal of Professional Surveyor

JASON C. EDWARDS
NEW MEXICO
REGISTERED PROFESSIONAL SURVEYOR
15269

JASON C. EDWARDS
Certificate Number 15269

District II
811 S. First Street, Artesia, NM 88210
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AS-DRILLED WELL LOCATION AND ACREAGE DEDICATION PLAT

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⁴ Property Code 321259	⁵ Property Name W LYBROOK UNIT	⁶ Well Number 728H
⁷ GRID No. 372286	⁸ Operator Name ENDURING RESOURCES, LLC	⁹ Elevation 6747'

¹⁰ Surface Location

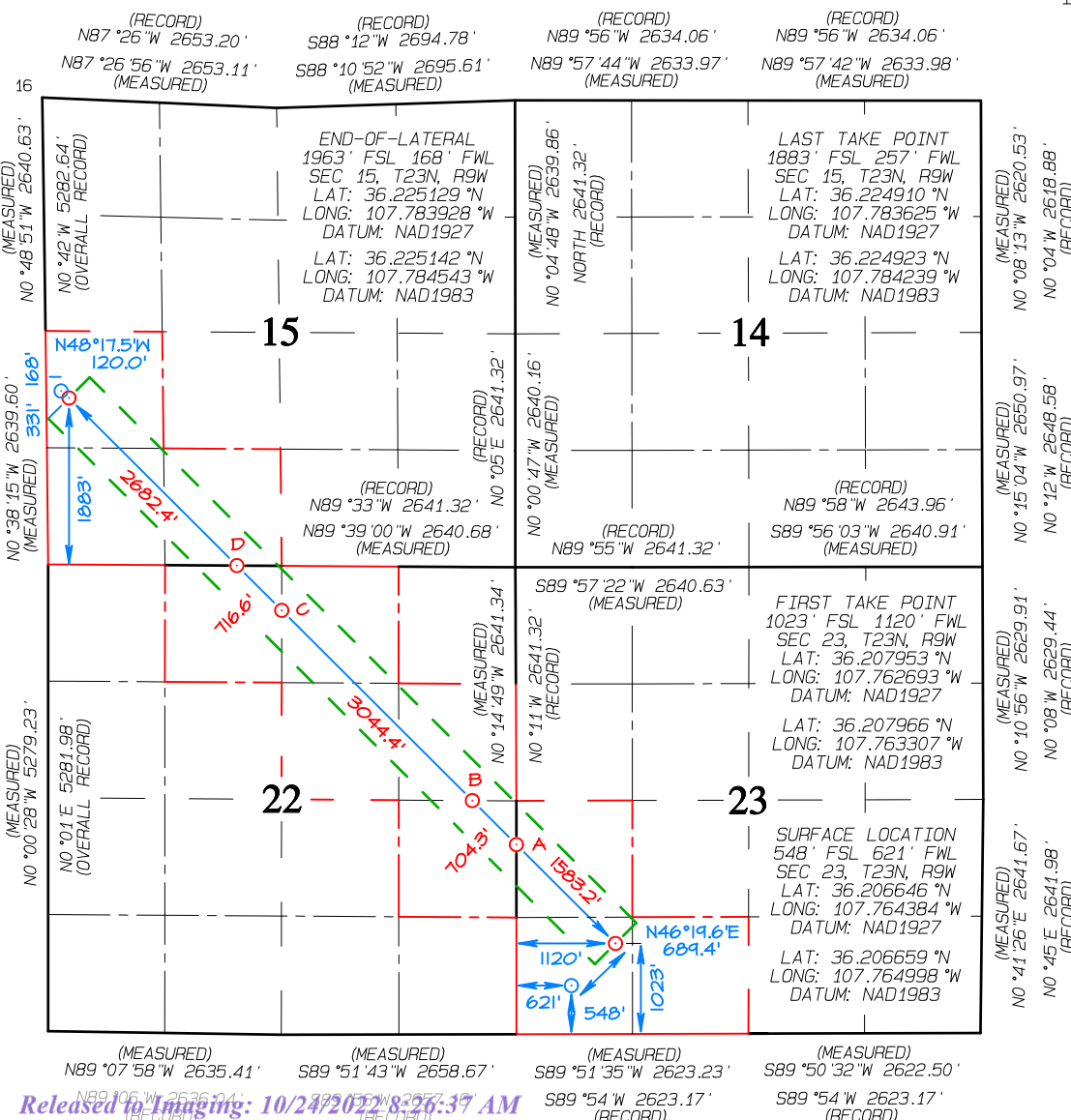
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	23	23N	9W		548	SOUTH	621	WEST	SAN JUAN

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
L	15	23N	9W		1963	SOUTH	168	WEST	SAN JUAN

¹² Dedicated Acres 440.00	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. R-14051 - 12,807.24 Acres
NE/4 NW/4, NW/4 NE/4 S/2 NE/4, NE/4 SE/4 - Section 22 W/2 SW/4, SE/4 SW/4 - Section 23 W/2 SW/4, SE/4 SW/4 - Section 15			

NO ALLOWABLE WILL BE ASSIGNED
TO THIS COMPLETION UNTIL ALL
INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS
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Signature: Heather Huntington Date: 3/18/22
Printed Name: Heather Huntington
E-mail Address: hhuntington@enduringresources.com

18 SURVEYOR CERTIFICATION
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Date Revised: MARCH 15, 2022
Survey Date: SEPTEMBER 10, 2015
Signature and Seal of Professional Surveyor



JASON C. EDWARDS
Certificate Number 15269

(A) 2144' FSL 0' FEL
SEC 22, T23N, R9W
LAT: 36.211028 °N
LONG: 107.766488 °W
DATUM: NAD1927

LAT: 36.211041 °N
LONG: 107.767102 °W
DATUM: NAD1983

(B) 2643' FSL 498' FEL
SEC 22, T23N, R9W
LAT: 36.212396 °N
LONG: 107.768176 °W
DATUM: NAD1927

LAT: 36.212409 °N
LONG: 107.768790 °W
DATUM: NAD1983

(C) 503' FNL 2641' FWL
SEC 22, T23N, R9W
LAT: 36.218309 °N
LONG: 107.775475 °W
DATUM: NAD1927

LAT: 36.218322 °N
LONG: 107.776089 °W
DATUM: NAD1983

(D) 0' FNL 2134' FWL
SEC 22, T23N, R9W
LAT: 36.219701 °N
LONG: 107.777193 °W
DATUM: NAD1927

LAT: 36.219713 °N
LONG: 107.777807 °W
DATUM: NAD1983

Enduring Resources LLC
San Juan County
W Lybrook 726 Pad (726
W Lybrook Unit No. 728H
Original Hole
Surveys Original Hole
23-Feb-2022 (11962)
MD

New Mexico NAD83 NM W
728 729 760 & 761)

Inc	Azimuth	TVD	N/S	E/W	VS	DLS	Y	X	Latitude	Longitude	SS	TVD	Comment
0	0	0	0	0	0	0	0	1894529	2743252	36.20666	-107.765	-6775	
431	2.46	63.96	430.87	4.06	8.31	-3.01	0.57	1894533	2743260	36.20667	-107.765	-6344.13	MWD surveys
493	1.85	44.53	492.82	5.36	10.21	-3.43	1.52	1894534	2743262	36.20667	-107.765	-6282.18	
584	1.71	31.44	583.78	7.56	11.95	-3.1	0.47	1894536	2743263	36.20668	-107.765	-6191.22	
676	0.18	247.12	675.77	8.68	12.53	-2.72	2.02	1894537	2743264	36.20668	-107.765	-6099.23	
766	1.71	244.31	765.75	8.04	11.19	-2.23	1.7	1894537	2743263	36.20668	-107.765	-6009.25	
857	1.71	237.8	856.71	6.73	8.82	-1.48	0.21	1894535	2743260	36.20668	-107.765	-5918.29	
948	1.63	237.1	947.67	5.3	6.58	-0.9	0.09	1894534	2743258	36.20667	-107.765	-5827.33	
1039	1.63	228.57	1038.64	3.74	4.53	-0.55	0.27	1894532	2743256	36.20667	-107.765	-5736.36	
1130	1.58	227.7	1129.6	2.04	2.63	-0.41	0.06	1894531	2743254	36.20666	-107.765	-5645.4	
1224	0.83	195.09	1223.58	0.51	1.49	-0.69	1.05	1894529	2743253	36.20666	-107.765	-5551.42	
1318	2.86	111.68	1317.54	-1.01	3.49	-3.18	3.07	1894528	2743255	36.20666	-107.765	-5457.46	
1412	5.45	95.68	1411.29	-2.32	10.12	-8.79	2.99	1894526	2743262	36.20665	-107.765	-5363.71	
1506	8.57	87.77	1504.57	-2.49	21.56	-17	3.47	1894526	2743273	36.20665	-107.765	-5270.43	
1600	11.29	92.87	1597.16	-2.68	37.75	-28.59	3.04	1894526	2743289	36.20665	-107.765	-5177.84	
1693	13.67	94.63	1687.95	-4.02	57.8	-43.71	2.59	1894525	2743309	36.20665	-107.765	-5087.05	
1787	16.52	93.49	1778.7	-5.73	82.22	-62.19	3.05	1894523	2743334	36.20664	-107.765	-4996.3	
1882	20.21	92.61	1868.85	-7.3	112.1	-84.43	3.9	1894521	2743364	36.20664	-107.765	-4906.15	
1976	22.06	93.31	1956.52	-9.06	145.95	-109.6	1.99	1894519	2743397	36.20663	-107.765	-4818.48	
2070	22.32	92.96	2043.56	-11	181.39	-136.04	0.31	1894518	2743433	36.20663	-107.764	-4731.44	
2165	21.66	93.66	2131.65	-13.05	216.91	-162.6	0.75	1894516	2743468	36.20662	-107.764	-4643.35	
2259	21.67	94.01	2219.01	-15.37	251.53	-188.73	0.14	1894513	2743503	36.20662	-107.764	-4555.99	
2354	21.62	94.72	2307.31	-18.04	286.47	-215.32	0.28	1894511	2743538	36.20661	-107.764	-4467.69	
2448	21.53	94.98	2394.72	-20.96	320.91	-241.74	0.14	1894508	2743572	36.2066	-107.764	-4380.28	
2542	20.48	95.24	2482.48	-23.96	354.47	-267.59	1.12	1894505	2743606	36.20659	-107.764	-4292.52	
2599	19.73	95.16	2536	-25.74	373.98	-282.64	1.32	1894503	2743626	36.20659	-107.764	-4239	
2695	19.07	94.45	2626.55	-28.41	405.76	-307	0.73	1894500	2743657	36.20658	-107.764	-4148.45	
2789	18.81	94.01	2715.46	-30.66	436.19	-330.11	0.32	1894498	2743688	36.20657	-107.764	-4059.54	
2883	19.56	92.34	2804.24	-32.36	467.03	-353.12	0.99	1894496	2743719	36.20657	-107.763	-3970.76	
2999	18.33	92.52	2913.96	-33.96	504.65	-380.85	1.06	1894495	2743756	36.20656	-107.763	-3861.04	
3093	20.83	89.97	3002.51	-34.6	536.14	-403.57	2.81	1894494	2743788	36.20656	-107.763	-3772.49	
3188	19.64	89.71	3091.65	-34.51	568.99	-426.74	1.26	1894494	2743821	36.20656	-107.763	-3683.35	
3282	18.9	88.83	3180.38	-34.12	600.01	-448.4	0.85	1894494	2743852	36.20656	-107.763	-3594.62	
3377	18.98	87.95	3270.24	-33.25	630.83	-469.58	0.31	1894495	2743882	36.20657	-107.763	-3504.76	
3471	16.35	86.72	3359.8	-31.95	659.33	-488.8	2.83	1894497	2743911	36.20657	-107.763	-3415.2	
3565	19.34	86.37	3449.27	-30.2	688.07	-507.9	3.18	1894498	2743940	36.20657	-107.763	-3325.73	
3597	19.82	86.89	3479.42	-29.58	698.78	-515.02	1.6	1894499	2743950	36.20658	-107.763	-3295.58	
3628	20.74	87.69	3508.49	-29.07	709.51	-522.26	3.1	1894499	2743961	36.20658	-107.763	-3266.51	
3660	20.39	84.17	3538.46	-28.27	720.72	-529.62	4.02	1894500	2743972	36.20658	-107.763	-3236.54	KOP
3692	19.2	74.06	3568.57	-26.26	731.33	-535.7	11.31	1894502	2743983	36.20659	-107.763	-3206.43	
3723	17.75	60.09	3597.99	-22.5	740.33	-539.41	14.99	1894506	2743992	36.2066	-107.762	-3177.01	
3755	16.66	48.05	3628.57	-17	747.97	-540.92	11.62	1894512	2744000	36.20661	-107.762	-3146.43	
3786	16.88	34.6	3658.26	-10.33	753.84	-540.34	12.51	1894518	2744005	36.20663	-107.762	-3116.74	
3818	19.2	26.78	3688.69	-1.8	758.85	-537.86	10.47	1894527	2744010	36.20665	-107.762	-3086.31	
3850	21.14	21.06	3718.73	8.28	763.29	-533.87	8.64	1894537	2744015	36.20668	-107.762	-3056.27	
3881	23.6	14.82	3747.4	19.5	766.89	-528.48	11.02	1894548	2744018	36.20671	-107.762	-3027.6	
3913	24.7	9.9	3776.6	32.28	769.68	-521.42	7.17	1894561	2744021	36.20675	-107.762	-2998.4	
3944	25.62	5.16	3804.66	45.34	771.39	-513.4	7.14	1894574	2744023	36.20678	-107.762	-2970.34	
3976	26.67	1.73	3833.39	59.41	772.23	-504.04	5.75	1894588	2744024	36.20682	-107.762	-2941.61	
4007	28.21	359.53	3860.9	73.69	772.38	-494.05	5.95	1894602	2744024	36.20686	-107.762	-2914.1	
4038	29.75	356.98	3888.02	88.7	771.92	-483.11	6.37	1894617	2744023	36.2069	-107.762	-2886.98	30°
4070	32.56	353.12	3915.4	105.18	770.47	-470.43	10.77	1894634	2744022	36.20695	-107.762	-2859.6	
4101	34.94	349.86	3941.18	122.21	767.9	-456.58	9.65	1894651	2744019	36.20699	-107.762	-2833.82	
4133	37.27	346.35	3967.03	140.65	764	-440.78	9.73	1894669	2744016	36.20704	-107.762	-2807.97	
4164	39.77	341.43	3991.29	159.18	758.63	-423.88	12.75	1894688	2744010	36.20709	-107.762	-2783.71	
4196	40.91	337.56	4015.69	178.57	751.37	-405.03	8.6	1894707	2744003	36.20715	-107.762	-2759.31	
4227	44.3	332.99	4038.51	197.6	742.57	-385.35	14.8	1894726	2743994	36.2072	-107.762	-2736.49	
4259	46.89	329.82	4060.9	217.66	731.62	-363.43	10.75	1894746	2743983	36.20726	-107.763	-2714.1	

4290	49.44	326.66	4081.58	237.29	719.46	-340.95	11.19	1894766	2743971	36.20731	-107.763	-2693.42
4322	51.99	323.23	4101.84	257.55	705.23	-316.56	11.5	1894786	2743957	36.20737	-107.763	-2673.16
4354	54.36	319.63	4121.02	277.56	689.25	-291.11	11.66	1894806	2743941	36.20742	-107.763	-2653.98
4385	57.3	317.26	4138.43	296.74	672.24	-265.51	11.4	1894825	2743924	36.20747	-107.763	-2636.57
4416	60.6	317.52	4154.42	316.29	654.26	-238.98	10.67	1894845	2743906	36.20753	-107.763	-2620.58 60°
4448	61.26	316.91	4169.97	336.81	635.26	-211.03	2.65	1894865	2743887	36.20758	-107.763	-2605.03
4480	60.69	316.82	4185.49	357.23	616.13	-183.07	1.8	1894886	2743868	36.20764	-107.763	-2589.51
4511	61.39	316.29	4200.5	376.92	597.48	-155.95	2.71	1894905	2743849	36.20769	-107.763	-2574.5 Tangent
4543	64.38	315.76	4215.09	397.42	577.7	-127.48	9.46	1894926	2743829	36.20775	-107.763	-2559.91
4574	67.46	314.97	4227.74	417.55	557.82	-99.18	10.2	1894946	2743809	36.2078	-107.763	-2547.26
4606	70.44	314.44	4239.23	438.56	536.59	-69.32	9.44	1894967	2743788	36.20786	-107.763	-2535.77
4638	74.05	314.8	4248.98	459.96	514.91	-38.85	11.33	1894989	2743766	36.20792	-107.763	-2526.02
4669	77.3	314.36	4256.65	481.04	493.51	-8.82	10.57	1895010	2743745	36.20798	-107.763	-2518.35 Enter Formation
4701	80.51	314.44	4262.81	503.01	471.08	22.58	10.03	1895032	2743723	36.20804	#####	-2512.19
4732	83.63	314.09	4267.09	524.44	449.1	53.27	10.13	1895053	2743701	36.2081	-107.763	-2507.91
4764	87.5	313.92	4269.56	546.6	426.15	85.17	12.11	1895075	2743678	36.20816	-107.764	-2505.44
4796	89.38	313.92	4270.43	568.78	403.11	117.15	5.87	1895097	2743655	36.20822	-107.764	-2504.57 90°
4890	90.09	313.13	4270.87	633.52	334.96	211.11	1.13	1895162	2743586	36.2084	-107.764	-2504.13
4985	89.96	313.39	4270.83	698.62	265.77	306.07	0.31	1895227	2743517	36.20858	-107.764	-2504.17
5079	90.09	314.36	4270.78	763.77	198.01	400.05	1.04	1895292	2743450	36.20876	-107.764	-2504.22
5173	90.09	314.62	4270.64	829.65	130.96	494.05	0.28	1895358	2743382	36.20894	-107.765	-2504.36
5267	89.47	313.65	4271	895.1	63.49	588.03	1.22	1895424	2743315	36.20912	-107.765	-2504
5361	89.43	312.6	4271.9	959.35	-5.11	681.98	1.12	1895488	2743246	36.20929	-107.765	-2503.1
5456	90.22	315.41	4272.19	1025.35	-73.43	776.95	3.07	1895554	2743178	36.20948	-107.765	-2502.81
5550	89.82	315.24	4272.16	1092.19	-139.52	870.95	0.46	1895621	2743112	36.20966	-107.765	-2502.84
5645	89.6	315.5	4272.64	1159.8	-206.26	965.95	0.36	1895688	2743045	36.20985	-107.766	-2502.36
5739	89.43	314.53	4273.43	1226.28	-272.71	1059.94	1.05	1895755	2742979	36.21003	-107.766	-2501.57
5833	88.77	314.62	4274.91	1292.24	-339.66	1153.93	0.71	1895821	2742912	36.21021	-107.766	-2500.09
5928	88.29	314.53	4277.35	1358.9	-407.31	1248.89	0.51	1895887	2742844	36.21039	-107.766	-2497.65
6023	89.69	314.8	4279.02	1425.66	-474.86	1343.88	1.5	1895954	2742777	36.21058	-107.767	-2495.98
6117	88.73	314.09	4280.32	1491.48	-541.96	1437.86	1.27	1896020	2742710	36.21076	-107.767	-2494.68
6211	89.82	316.82	4281.51	1558.46	-607.89	1531.84	3.13	1896087	2742644	36.21094	-107.767	-2493.49
6306	89.91	316.03	4281.73	1627.28	-673.37	1626.81	0.84	1896156	2742578	36.21113	-107.767	-2493.27
6400	89.47	315.94	4282.24	1694.88	-738.69	1720.79	0.48	1896223	2742513	36.21132	-107.767	-2492.76
6495	89.08	314.97	4283.44	1762.58	-805.32	1815.78	1.1	1896291	2742446	36.2115	-107.768	-2491.56
6590	89.34	314.71	4284.75	1829.56	-872.68	1910.77	0.39	1896358	2742379	36.21169	-107.768	-2490.25
6684	88.95	313.57	4286.15	1895.02	-940.13	2004.75	1.28	1896424	2742311	36.21187	-107.768	-2488.85
6779	91.36	315.41	4285.9	1961.59	-1007.89	2099.73	3.19	1896490	2742244	36.21205	-107.768	-2489.1
6874	91.67	314.62	4283.39	2028.75	-1075.02	2194.7	0.89	1896557	2742177	36.21223	-107.769	-2491.61
6968	91.14	314.44	4281.08	2094.65	-1142.01	2288.67	0.6	1896623	2742110	36.21242	-107.769	-2493.92
7062	90.7	313.3	4279.57	2159.79	-1209.77	2382.64	1.3	1896688	2742042	36.21259	-107.769	-2495.43
7157	90.62	316.64	4278.48	2226.92	-1276.96	2477.62	3.52	1896755	2741975	36.21278	-107.769	-2496.52
7251	90.97	316.73	4277.17	2295.3	-1341.44	2571.57	0.38	1896824	2741910	36.21297	-107.77	-2497.83
7345	90.4	315.06	4276.05	2362.79	-1406.86	2665.55	1.88	1896891	2741845	36.21315	-107.77	-2498.95
7439	90.22	314	4275.54	2428.71	-1473.87	2759.54	1.14	1896957	2741778	36.21333	-107.77	-2499.46
7533	88.9	314.8	4276.26	2494.48	-1541.02	2853.53	1.64	1897023	2741711	36.21351	-107.77	-2498.74
7628	89.21	315.15	4277.83	2561.61	-1608.22	2948.52	0.49	1897090	2741643	36.2137	-107.77	-2497.17
7722	88.37	313.65	4279.81	2627.36	-1675.36	3042.49	1.83	1897156	2741576	36.21388	-107.771	-2495.19
7817	91.36	317.34	4280.04	2695.1	-1741.93	3137.45	5	1897224	2741510	36.21407	-107.771	-2494.96
7911	91.36	316.73	4277.81	2763.86	-1805.98	3231.37	0.65	1897292	2741446	36.21425	-107.771	-2497.19
8005	91.36	315.94	4275.58	2831.84	-1870.86	3325.32	0.84	1897360	2741381	36.21444	-107.771	-2499.42
8099	91.8	315.76	4272.98	2899.26	-1936.31	3419.27	0.51	1897428	2741315	36.21463	-107.772	-2502.02
8193	87.76	315.41	4273.35	2966.39	-2002.08	3513.24	4.31	1897495	2741249	36.21481	-107.772	-2501.65
8288	87.71	315.41	4277.1	3033.99	-2068.73	3608.17	0.05	1897563	2741183	36.215	-107.772	-2497.9
8382	87.76	314.71	4280.81	3100.48	-2135.07	3702.09	0.75	1897629	2741116	36.21518	-107.772	-2494.19
8477	87.14	313.39	4285.04	3166.46	-2203.28	3796.98	1.53	1897695	2741048	36.21536	-107.772	-2489.96
8571	89.6	316.03	4287.72	3232.56	-2270.05	3890.93	3.84	1897761	2740981	36.21554	-107.773	-2487.28
8666	89.47	314.88	4288.49	3300.26	-2336.68	3985.92	1.22	1897829	2740915	36.21573	-107.773	-2486.51
8762	89.25	314.88	4289.56	3368	-2404.7	4081.92	0.23	1897897	2740847	36.21592	-107.773	-2485.44
8856	89.21	314.53	4290.82	3434.12	-2471.51	4175.91	0.37	1897963	2740780	36.2161	-107.773	-2484.18
8950	89.34	313.83	4292.01	3499.62	-2538.91	4269.89	0.76	1898028	2740713	36.21628	-107.774	-2482.99
9044	91.01	315.5	4291.72	3565.69	-2605.76	4363.88	2.51	1898094	2740646	36.21646	-107.774	-2483.28
9139	91.19	315.24	4289.9	3633.29	-2672.49	4458.86	0.33	1898162	2740579	36.21664	-107.774	-2485.1
9234	91.1	314	4288	3700	-2740.09	4553.84	1.31	1898229	2740511	36.21683	-107.774	-2487
9328	90.88	312.51	4286.38	3764.4	-2808.54	4647.78	1.6	1898293	2740443	36.21701	-107.775	-2488.62
9422	90.52	316.2	4285.23	3830.1	-2875.74	4741.75	3.94	1898359	2740376	36.21719	-107.775	-2489.77

9516	90.79	315.85	4284.15	3897.74	-2941	4835.73	0.47	1898426	2740311	36.21737	-107.775	-2490.85
9611	90.53	314.97	4283.06	3965.39	-3007.69	4930.72	0.97	1898494	2740244	36.21756	-107.775	-2491.94
9706	88.33	315.59	4284.01	4032.89	-3074.53	5025.7	2.41	1898561	2740177	36.21774	-107.775	-2490.99
9800	87.23	314.71	4287.65	4099.48	-3140.77	5119.63	1.5	1898628	2740111	36.21793	-107.776	-2487.35
9895	87.14	315.32	4292.31	4166.59	-3207.85	5214.51	0.65	1898695	2740044	36.21811	-107.776	-2482.69
9989	89.08	315.24	4295.41	4233.34	-3273.95	5308.46	2.07	1898762	2739978	36.21829	-107.776	-2479.59
10083	88.86	314	4297.1	4299.36	-3340.85	5402.44	1.34	1898828	2739911	36.21848	-107.776	-2477.9
10177	88.81	313.92	4299.01	4364.59	-3408.5	5496.4	0.1	1898893	2739843	36.21865	-107.777	-2475.99
10272	88.11	312.86	4301.57	4429.83	-3477.51	5591.33	1.34	1898958	2739774	36.21883	-107.777	-2473.43
10366	89.96	315.85	4303.15	4495.53	-3544.7	5685.3	3.74	1899024	2739707	36.21901	-107.777	-2471.85
10461	90	314.8	4303.18	4563.08	-3611.49	5780.29	1.11	1899092	2739640	36.2192	-107.777	-2471.82
10555	89.38	313.83	4303.69	4628.75	-3678.74	5874.28	1.22	1899157	2739573	36.21938	-107.777	-2471.31
10649	89.78	317.61	4304.38	4696.03	-3744.36	5968.26	4.04	1899225	2739507	36.21957	-107.778	-2470.62
10743	89.38	317.61	4305.07	4765.46	-3807.73	6062.16	0.43	1899294	2739444	36.21976	-107.778	-2469.93
10837	89.03	317.43	4306.37	4834.77	-3871.2	6156.06	0.42	1899363	2739380	36.21995	-107.778	-2468.63
10931	88.64	317.52	4308.29	4904.04	-3934.73	6249.95	0.43	1899433	2739317	36.22014	-107.778	-2466.71
11025	88.51	316.82	4310.62	4972.95	-3998.61	6343.85	0.76	1899501	2739253	36.22033	-107.779	-2464.38
11119	90.62	316.99	4311.34	5041.59	-4062.83	6437.79	2.25	1899570	2739189	36.22052	-107.779	-2463.66
11214	90.31	315.41	4310.57	5110.15	-4128.58	6532.76	1.69	1899639	2739123	36.2207	-107.779	-2464.43
11308	89.96	314.27	4310.34	5176.43	-4195.23	6626.76	1.27	1899705	2739056	36.22089	-107.779	-2464.66
11403	89.91	315.41	4310.45	5243.42	-4262.59	6721.76	1.2	1899772	2738989	36.22107	-107.779	-2464.55
11497	88.81	314.36	4311.5	5309.74	-4329.18	6815.75	1.62	1899838	2738922	36.22125	-107.78	-2463.5
11591	88.42	314.44	4313.77	5375.49	-4396.32	6909.72	0.42	1899904	2738855	36.22143	-107.78	-2461.23
11686	87.89	313.83	4316.83	5441.61	-4464.47	7004.66	0.85	1899970	2738787	36.22162	-107.78	-2458.17
11780	90.79	317.17	4317.92	5508.64	-4530.33	7098.62	4.71	1900037	2738721	36.2218	-107.78	-2457.08
11874	90.88	316.11	4316.55	5576.97	-4594.86	7192.57	1.13	1900106	2738657	36.22199	-107.781	-2458.45
11969	91.32	315.94	4314.72	5645.33	-4660.82	7287.54	0.5	1900174	2738591	36.22218	-107.781	-2460.28
12063	91.45	314.09	4312.45	5711.79	-4727.24	7381.51	1.97	1900240	2738524	36.22236	-107.781	-2462.55
12157	89.43	316.29	4311.73	5778.47	-4793.48	7475.5	3.18	1900307	2738458	36.22254	-107.781	-2463.27
12252	89.74	316.38	4312.42	5847.19	-4859.07	7570.47	0.34	1900376	2738392	36.22273	-107.781	-2462.58
12346	89.82	315.15	4312.78	5914.54	-4924.64	7664.46	1.31	1900443	2738327	36.22292	-107.782	-2462.22
12441	88.55	315.15	4314.13	5981.88	-4991.63	7759.45	1.34	1900510	2738260	36.2231	-107.782	-2460.87
12535	88.64	315.41	4316.43	6048.65	-5057.76	7853.42	0.29	1900577	2738194	36.22328	-107.782	-2458.57
12629	88.33	313.83	4318.92	6114.65	-5124.64	7947.38	1.71	1900643	2738127	36.22347	-107.782	-2456.08
12723	88.55	312.95	4321.48	6179.2	-5192.92	8041.3	0.96	1900708	2738059	36.22364	-107.783	-2453.52
12818	89.21	315.24	4323.33	6245.29	-5261.13	8136.27	2.51	1900774	2737990	36.22382	-107.783	-2451.67
12912	89.47	315.24	4324.42	6312.03	-5327.32	8230.26	0.28	1900841	2737924	36.22401	-107.783	-2450.58
13006	89.82	314.97	4325	6378.62	-5393.66	8324.26	0.47	1900907	2737858	36.22419	-107.783	-2450
13101	89.03	312.95	4325.95	6444.56	-5462.04	8419.23	2.28	1900973	2737790	36.22437	-107.784	-2449.05
13195	89.64	312.86	4327.04	6508.54	-5530.89	8513.16	0.66	1901037	2737721	36.22455	-107.784	-2447.96
13290	89.6	312.86	4327.67	6573.16	-5600.52	8608.09	0.04	1901102	2737651	36.22473	-107.784	-2447.33
13384	89.43	311.63	4328.47	6636.36	-5670.1	8701.98	1.32	1901165	2737581	36.2249	-107.784	-2446.53
13443	89.85	311.71	4328.84	6675.58	-5714.17	8760.88	0.72	1901204	2737537	36.22501	-107.784	-2446.16 LTP 330 perp @ 13443 MD 4328.84 TVD
13452	89.91	311.72	4328.86	6681.57	-5720.89	8769.86	0.72	1901210	2737531	36.22502	-107.784	-2446.14 Survey @ 13452.00 MD 4328.86 TVD
13517	89.91	311.72	4328.96	6724.83	-5769.41	8834.76	0	1901253	2737482	36.22514	-107.785	-2446.04 Survey proj. to 13517 MD 4328.96 TVD 1962 FSL 167 FWL

All data are in feet unless otherwise stated. Directions and coordinates are relative to Grid North.
Vertical depths are relative to RKB=6747+28 = 6775.00

The Dogleg Severity is in Degrees per 100 feet.
Vertical Section is from 0.00 E/-W 0.00 N/-S and calculated along an Azimuth of 315.000° (Grid).

Coordinate System is North American Datum 1983 US State Plane 1983
Central meridian is -107.833°.
Grid Convergence at Surface is 0.040°.

New Mexico Western ZoneS

Geomagnetic model is IGRF2020 Date for magnetic data is 1/14/2022
Declination is 8.75 Dip 62.72 field strength is 49234.30

Based upon Minimum Curvature type calculations
the Bottom Hole Displacement is 8860.55ft.

at a Measured Depth of 13517.00ft.
in the Direction of 315.000° (Grid).

This document will be submitted with the completion package after the well has been completed.

WELL NAME: W LYBROOK UNIT 728H

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

API Number: 30-045-38265

AFE Number: DV03016

ER Well Number: NM06442.01

State: New Mexico

County: San Juan

Surface Elev.: 6,748 ft ASL (GL) 6,776 ft ASL (KB)
Surface Location: 23-23N-09W Sec-Twn- Rng 548 ft FSL 621 ft FWL
BH Location: 15-23N-09W Sec-Twn- Rng 1899 ft FSL 236 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 for 0.6 miles to fork, Left (West) for 0.7 miles to fork; Right (Northwest) for 0.2 miles onto W Lybrook Unit 726H Pad.

QUICK REFERENCE		
Sur TD (MD)	350	ft
Int TD (MD)	2,634	ft
KOP (MD)	3,676	ft
KOP (TVD)	3,551	ft
Target (TVD)	4,278	ft
Curve BUR	10 °	/100 ft
POE (MD)	4,778	ft
TD (MD)	13,483	ft
Lat Len (ft)	8,705	ft

WELL CONSTRUCTION SUMMARY:

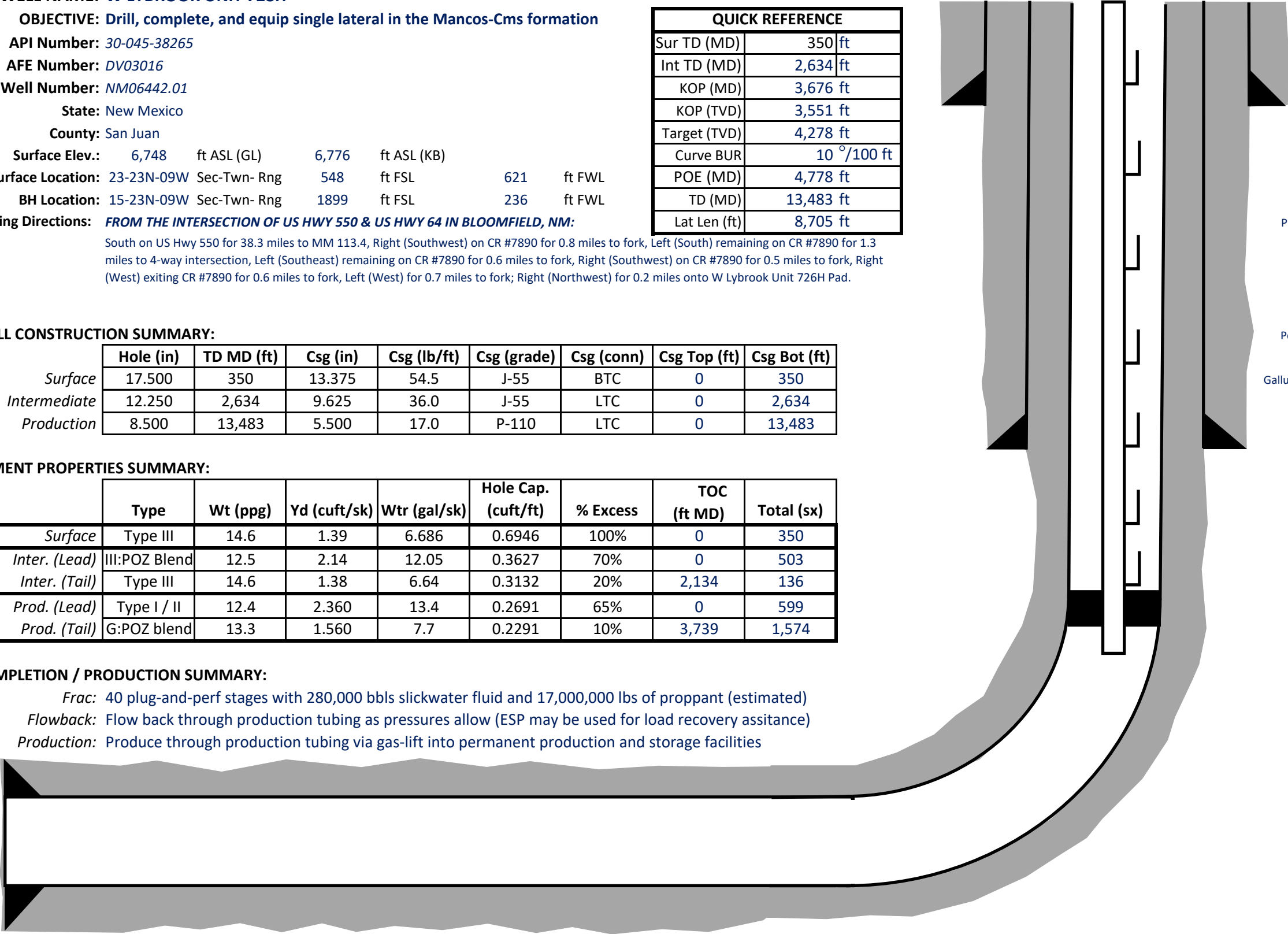
	Hole (in)	TD MD (ft)	Csg (in)	Csg (lb/ft)	Csg (grade)	Csg (conn)	Csg Top (ft)	Csg Bot (ft)
Surface	17.500	350	13.375	54.5	J-55	BTC	0	350
Intermediate	12.250	2,634	9.625	36.0	J-55	LTC	0	2,634
Production	8.500	13,483	5.500	17.0	P-110	LTC	0	13,483

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	503
Inter. (Tail)	Type III	14.6	1.38	6.64	0.3132	20%	2,134	136
Prod. (Lead)	Type I / II	12.4	2.360	13.4	0.2691	65%	0	599
Prod. (Tail)	G:POZ blend	13.3	1.560	7.7	0.2291	10%	3,739	1,574

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	335	335
Kirtland	440	440
Fruitland	645	645
Pictured Cliffs	1,035	1,035
Lewis	1,155	1,155
Chacra	1,415	1,416
Cliff House	2,453	2,510
Menefee	2,468	2,526
Point Lookout	3,442	3,560
Mancos	3,612	3,739
Gallup (MNCS_A)	3,942	4,089
MNCS_B	4,042	4,212
MNCS_C	4,133	4,346
MNCS_Cms	4,173	4,421
FTP TARGET	4,278	4,778
LTP TARGET	4,327	13,483

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 101008

ACKNOWLEDGMENTS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way, Suite 525 Centennial, CO 80111	OGRID: 372286
	Action Number: 101008
	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
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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 101008

CONDITIONS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way, Suite 525 Centennial, CO 80111	OGRID: 372286
	Action Number: 101008
	Action Type: [C-104] Tight Hole Completion Packet (C-104CT)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	RT EXPIRES 7/26/2022	10/24/2022