

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 DJR Operating, LLC 1 Road 3263 Aztec, NM 87410		² OGRID Number 371838	
		³ Reason for Filing Code/ Effective Date NW	
⁴ API Number 30 – 043 – 21492	⁵ Pool Name Counselors Gallup-Dakota		⁶ Pool Code 13379
⁷ Property Code 325257	⁸ Property Name Lybrook M26 2306		⁹ Well Number 308H

II. ¹⁰ Surface Location

UL or lot no. M	Section 26	Township 23N	Range 6W	Lot Idn	Feet from the 843	North/South Line South	Feet from the 411	East/West line West	County Sandoval
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¹¹ Bottom Hole Location

UL or lot no. E	Section 27	Township 23N	Range 6W	Lot Idn	Feet from the 1423	North/South line North	Feet from the 381	East/West line West	County Sandoval
¹² Lse Code F	¹³ Producing Method Code F		¹⁴ Gas Connection Date 10/25/2023		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, LP	O
	15 Smith Road, Suite 1000, Midland, TX 79705	
151618	Enterprise Field Services, LLC	G
	Post Office Box 4324, Houston, TX 77210	

IV. Well Completion Data

²¹ Spud Date 04/19/2022	²² Ready Date 10/08/2023	²³ TD 10,599’ MD 5,481’ TVD	²⁴ PBTD 10,594’ MD 5,481’ TVD	²⁵ Perforations 6,056’ – 10,527’ MD 5,457’ – 5,480’ TVD Frac Sleeve @ 10,555’	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set	³⁰ Sacks Cement
12.25		9.625” 36# J55		377’	109
8.75		7” 26# J55		5,827’	724
6.125		4.5” 11.6# P110		TOL: 5,570’ BOL: 10,594’	437
		Tubing: 2.875” 6.5# L80		5,792’	

V. Well Test Data

³¹ Date New Oil 10/08/2023	³² Gas Delivery Date 10/25/2023	³³ Test Date 10/10/2023	³⁴ Test Length 24	³⁵ Tbg. Pressure 404	³⁶ Csg. Pressure 759
³⁷ Choke Size 40/64	³⁸ Oil 968	³⁹ Water 243	⁴⁰ Gas 707		⁴¹ Test Method Flowing

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>Shaw-Marie Ford</i>		OIL CONSERVATION DIVISION Approved by: <i>PATRICIA MARTINEZ</i>	
Printed name: Shaw-Marie Ford		Title: <i>PETROLEUM SPECIALIST</i>	
Title: Regulatory Specialist		Approval Date: <i>1/24/2024</i>	
E-mail Address: sford@djrlle.com			
Date: 12/18/2023	Phone: 505-716-3297		

DISTRICT I1625 N. French Dr., Hobbs, N.M. 88240
Phone: (575) 393-6161 Fax: (575) 748-0720**DISTRICT II**811 S. First St., Artesia, N.M. 88210
Phone: (575) 748-1283 Fax: (575) 748-9720**DISTRICT III**1000 Rio Brazos Rd., Aztec, N.M. 87410
Phone: (505) 334-6178 Fax: (505) 334-6170**DISTRICT IV**1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462State of New Mexico
Energy, Minerals & Natural Resources DepartmentForm C-102
Revised August 1, 2011OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505Submit one copy to appropriate
District Office☐ AMENDED REPORT
☒ AS-DRILLED

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-043-21492	² Pool Code 13379	³ Pool Name COUNSELORS GALLUP - DAKOTA POOL
⁴ Property Code 325257	⁵ Property Name LYBROOK M26-2306	⁶ Well Number 308H
⁷ GRID No. 371838	⁸ Operator Name DJR OPERATING, LLC	⁹ Elevation 6954'

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	26	23N	6W		843'	SOUTH	411'	WEST	SANDOVAL

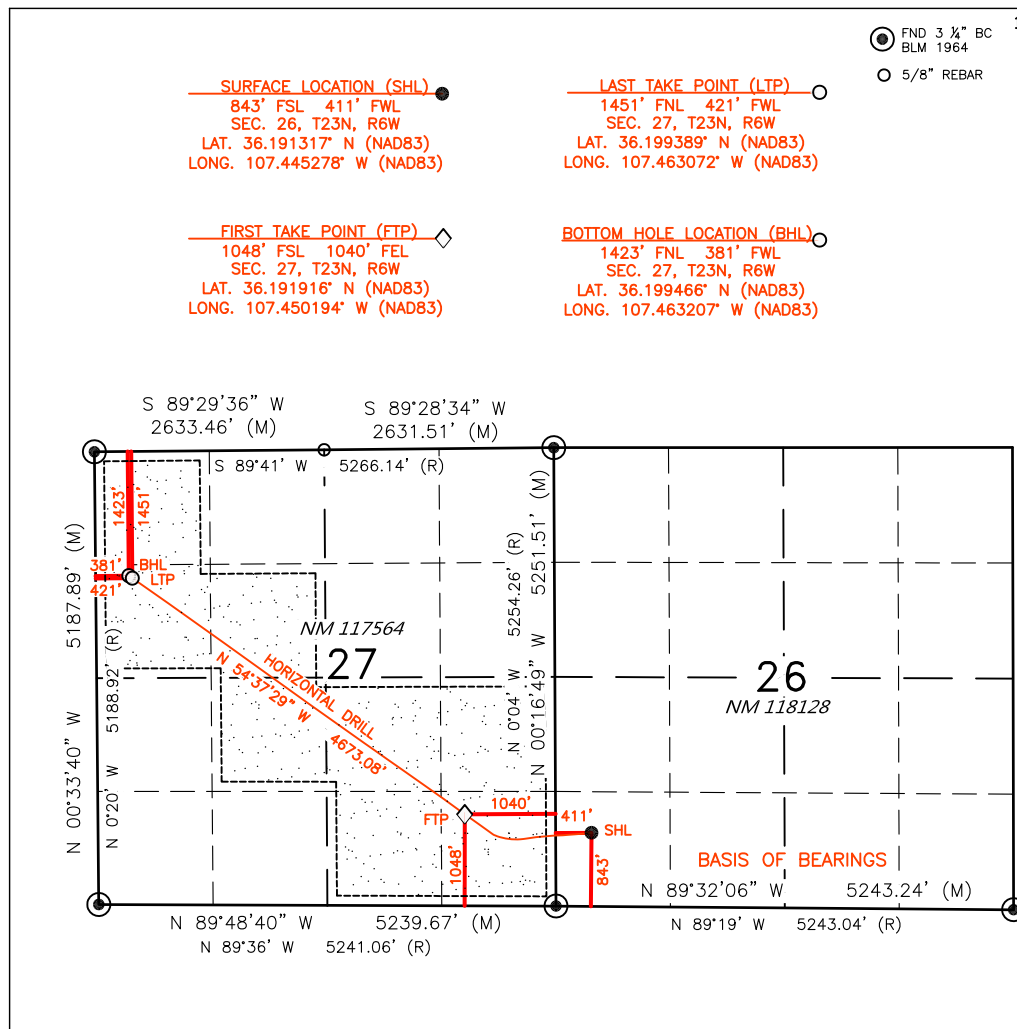
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	27	23N	6W		1423'	NORTH	381'	WEST	SANDOVAL

¹² Dedicated Acres PENETRATED SPACING UNIT; SEC 27: SE/4, NE/SW, SE/NW, SW/NW & NW/NW = 320 ACRES	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. R-13718 A
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16



☒ FND 3 1/4" BC
BLM 1964
☐ 5/8" REBAR

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.

Shaw-Marie Ford 08/21/23

Signature

Date

Shaw-Marie Ford
Printed Name

sford@djrlc.com

E-mail Address

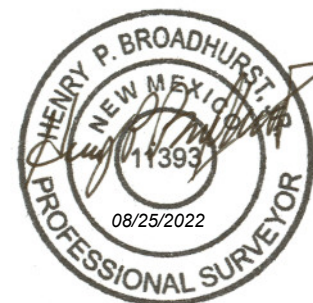
SURVEYOR CERTIFICATION

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.

AUGUST 25, 2022

Date of Survey

Signature and Seal of Professional Surveyor:



Certificate Number

11393



DJR

**Lybrook
M26A 2306
308H**

End of Well Report



www.scientificdrilling.com



Company Name: DJR Operating
Project: Gallo Canyon Unit
Site: M26A 2306 Pad
Well: Lybrook #308H
Wellbore: Original Drilling

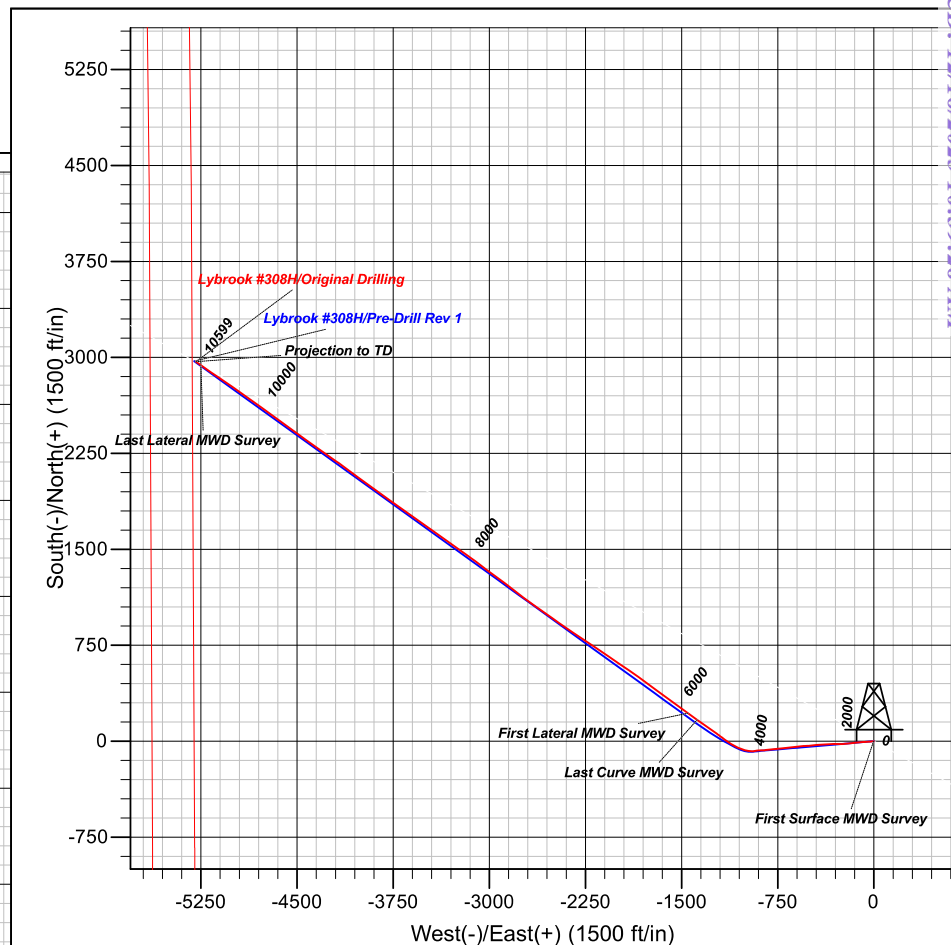
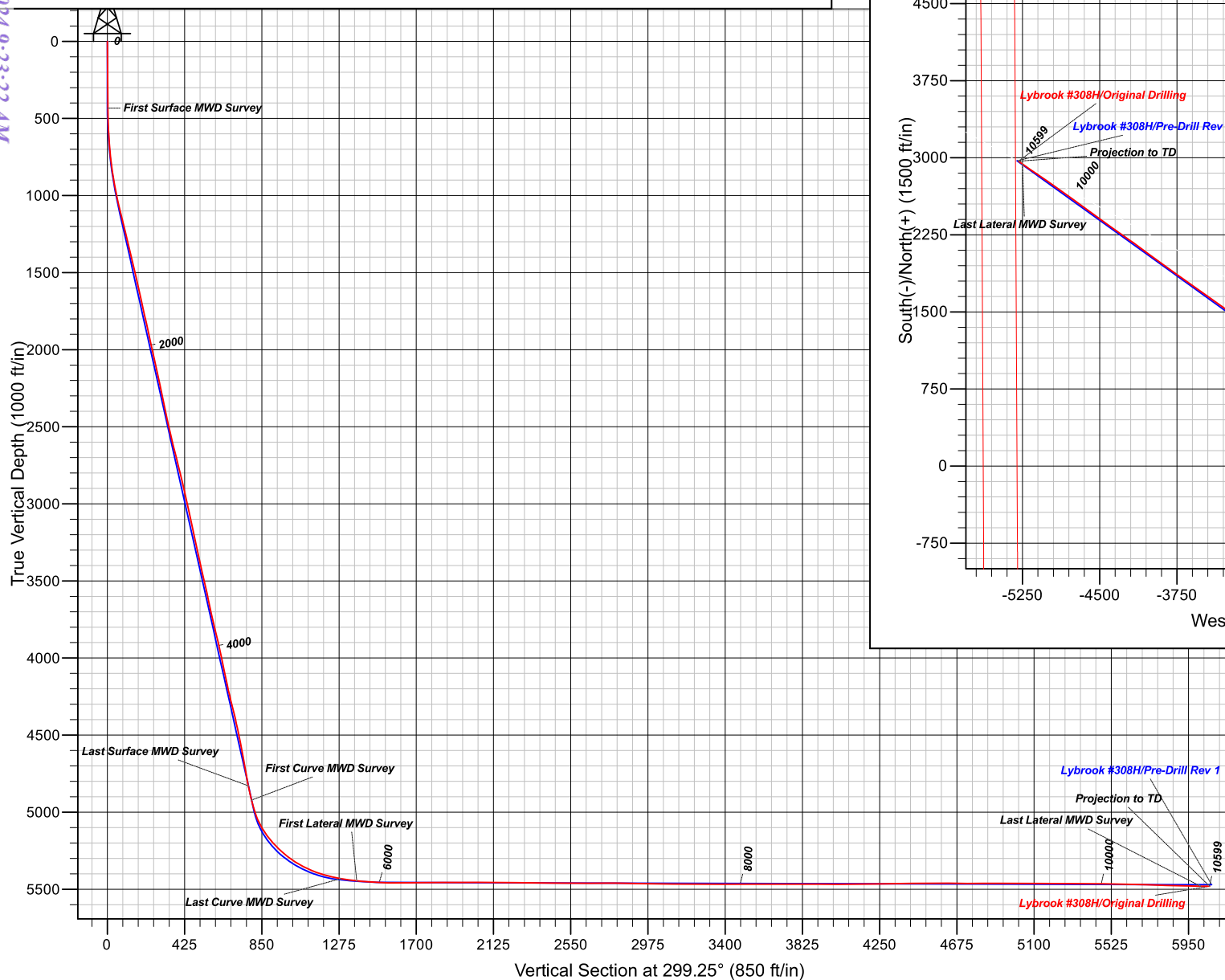


WELL DETAILS: Lybrook #308H

GL 6954' & RKB 26' @ 6980ft (H&P 443) 6954

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0	0	1889165.63	2837595.93	36.19131700	-107.44527800

1



Design: Original Drilling (Lybrook #308H/Original Drilling)

Created By: Janie Collins Date: 10:40, August 12 2022

PROJECT DETAILS: Gallo Canyon Unit

Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: New Mexico Western Zone

System Datum: Mean Sea Level
Local North: True



DJR Operating

Gallo Canyon Unit

M26A 2306 Pad

Lybrook #308H - Slot 1

Original Drilling

Design: Original Drilling

Standard Survey Report

12 August, 2022



www.scientificdrilling.com





Scientific Drilling Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well Lybrook #308H - Slot 1
Project:	Gallo Canyon Unit	TVD Reference:	GL 6954' & RKB 26' @ 6980ft (H&P 443)
Site:	M26A 2306 Pad	MD Reference:	GL 6954' & RKB 26' @ 6980ft (H&P 443)
Well:	Lybrook #308H	North Reference:	True
Wellbore:	Original Drilling	Survey Calculation Method:	Minimum Curvature
Design:	Original Drilling	Database:	Grand Junction

Project	Gallo Canyon Unit, Sandoval County, NM		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Western Zone		

Site	M26A 2306 Pad		
Site Position:		Northing:	1,889,165.63 usft
From:	Lat/Long	Easting:	2,837,595.93 usft
Position Uncertainty:	0 ft	Slot Radius:	13.20 in
		Latitude:	36.19131700
		Longitude:	-107.44527800
		Grid Convergence:	0.23 °

Well	Lybrook #308H - Slot 1		
Well Position	+N/-S	0 ft	Northing:
	+E/-W	0 ft	Easting:
Position Uncertainty	0 ft	Wellhead Elevation:	ft
		Latitude:	36.19131700
		Longitude:	-107.44527800
		Ground Level:	6954 ft

Wellbore	Original Drilling		
Magnetics	Model Name	Sample Date	Declination
			(°)
	HDGM2022	8/3/2022	8.47
			Dip Angle (°)
			62.68
			Field Strength (nT)
			49,007.70000000

Design	Original Drilling		
Audit Notes:			
Version:	1.0	Phase:	ACTUAL
		Tie On Depth:	0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W
	(ft)	(ft)	(ft)
	0	0	0
			299.25

Survey Program	Date	8/12/2022		
From	To	Survey (Wellbore)	Tool Name	Description
(ft)	(ft)			
434	4933	Survey #1 - Surface MWD Survey (Original)	MWD+HDGM	OWSG MWD + HDGM
5028	5786	Survey #2 - Curve MWD Survey (Original)	MWD+HDGM	OWSG MWD + HDGM
5875	10,599	Survey #3 - Lateral MWD Survey (Original)	MWD+HDGM	OWSG MWD + HDGM

Survey										
Measured	Inclination	Azimuth	Vertical	+N/-S	+E/-W	Vertical	Dogleg	Build	Turn	
Depth	(°)	(°)	Depth	(ft)	(ft)	Section	Rate	Rate	Rate	
(ft)			(ft)			(ft)	(°/100usft)	(°/100usft)	(°/100usft)	
0	0.00	0.00	0	0	0	0	0.00	0.00	0.00	
434	0.92	252.17	434	-1	-3	2	0.21	0.21	0.00	
525	2.05	272.76	525	-1	-6	4	1.35	1.24	22.63	
616	3.50	262.71	616	-1	-10	8	1.67	1.59	-11.04	
707	4.76	268.02	707	-2	-17	13	1.45	1.38	5.84	
799	7.63	266.15	798	-3	-26	22	3.13	3.12	-2.03	
890	9.74	266.05	888	-3	-40	33	2.32	2.32	-0.11	
981	11.04	265.80	978	-5	-57	47	1.43	1.43	-0.27	
1071	12.66	266.44	1066	-6	-75	63	1.81	1.80	0.71	



Scientific Drilling

Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well Lybrook #308H - Slot 1
Project:	Gallo Canyon Unit	TVD Reference:	GL 6954' & RKB 26' @ 6980ft (H&P 443)
Site:	M26A 2306 Pad	MD Reference:	GL 6954' & RKB 26' @ 6980ft (H&P 443)
Well:	Lybrook #308H	North Reference:	True
Wellbore:	Original Drilling	Survey Calculation Method:	Minimum Curvature
Design:	Original Drilling	Database:	Grand Junction

Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
1162	14.51	265.33	1154	-7	-96	80	2.05	2.03	-1.22	
1252	14.45	264.21	1241	-9	-119	99	0.32	-0.07	-1.24	
1343	14.78	263.71	1329	-12	-142	118	0.39	0.36	-0.55	
1434	13.38	265.33	1418	-14	-164	136	1.60	-1.54	1.78	
1525	13.26	265.18	1506	-16	-184	153	0.14	-0.13	-0.16	
1616	13.10	263.79	1595	-18	-205	170	0.39	-0.18	-1.53	
1708	12.95	261.23	1684	-20	-226	187	0.65	-0.16	-2.78	
1801	13.04	268.49	1775	-22	-246	204	1.76	0.10	7.81	
1896	11.56	266.19	1868	-23	-267	221	1.64	-1.56	-2.42	
1991	12.55	272.10	1961	-23	-286	238	1.66	1.04	6.22	
2086	12.28	272.65	2053	-23	-307	257	0.31	-0.28	0.58	
2181	11.29	272.04	2146	-22	-326	274	1.05	-1.04	-0.64	
2276	12.73	265.61	2239	-22	-346	291	2.07	1.52	-6.77	
2371	11.24	264.22	2332	-24	-366	307	1.60	-1.57	-1.46	
2466	12.49	264.84	2425	-26	-385	323	1.32	1.32	0.65	
2560	13.40	268.48	2517	-27	-406	341	1.30	0.97	3.87	
2655	13.79	268.15	2609	-28	-428	360	0.42	0.41	-0.35	
2750	14.51	263.50	2701	-29	-452	380	1.42	0.76	-4.89	
2845	13.45	263.02	2793	-32	-474	398	1.12	-1.12	-0.51	
2940	14.23	263.70	2886	-35	-497	417	0.84	0.82	0.72	
3035	13.76	268.30	2978	-36	-520	436	1.27	-0.49	4.84	
3130	11.08	267.67	3071	-37	-540	453	2.82	-2.82	-0.66	
3225	12.49	263.79	3164	-39	-560	469	1.70	1.48	-4.08	
3320	12.95	262.52	3256	-41	-580	486	0.57	0.48	-1.34	
3415	13.05	263.25	3349	-44	-602	503	0.20	0.11	0.77	
3509	13.56	264.20	3440	-46	-623	521	0.59	0.54	1.01	
3604	13.10	264.59	3533	-48	-645	539	0.49	-0.48	0.41	
3699	11.96	263.41	3626	-50	-665	556	1.23	-1.20	-1.24	
3794	13.26	264.60	3718	-53	-686	573	1.40	1.37	1.25	
3889	14.14	265.51	3811	-54	-708	591	0.95	0.93	0.96	
3983	13.55	263.94	3902	-57	-731	610	0.74	-0.63	-1.67	
4078	12.01	261.57	3994	-59	-752	627	1.71	-1.62	-2.49	
4173	12.71	262.05	4087	-62	-772	643	0.74	0.74	0.51	
4268	12.56	265.18	4180	-64	-792	660	0.74	-0.16	3.29	
4363	14.82	264.93	4272	-66	-815	679	2.38	2.38	-0.26	
4458	14.20	263.24	4364	-69	-838	698	0.79	-0.65	-1.78	
4553	11.70	266.17	4457	-71	-860	715	2.72	-2.63	3.08	
4648	11.59	270.41	4550	-71	-879	732	0.91	-0.12	4.46	
4743	10.09	262.76	4643	-72	-897	747	2.18	-1.58	-8.05	
4838	10.63	262.82	4737	-74	-914	761	0.57	0.57	0.06	
4933	12.29	263.94	4830	-77	-932	776	1.76	1.75	1.18	
5028	13.29	266.22	4922	-78	-953	793	1.18	1.05	2.40	
5122	17.25	278.59	5013	-77	-978	816	5.43	4.21	13.16	



Scientific Drilling

Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well Lybrook #308H - Slot 1
Project:	Gallo Canyon Unit	TVD Reference:	GL 6954' & RKB 26' @ 6980ft (H&P 443)
Site:	M26A 2306 Pad	MD Reference:	GL 6954' & RKB 26' @ 6980ft (H&P 443)
Well:	Lybrook #308H	North Reference:	True
Wellbore:	Original Drilling	Survey Calculation Method:	Minimum Curvature
Design:	Original Drilling	Database:	Grand Junction

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
5217	26.64	286.12	5101	-69	-1012	850	10.30	9.88	7.93
5312	35.98	293.55	5182	-52	-1058	898	10.62	9.83	7.82
5407	43.00	301.31	5256	-24	-1112	958	9.02	7.39	8.17
5501	52.49	307.85	5319	16	-1169	1028	11.32	10.10	6.96
5596	62.13	305.87	5370	64	-1233	1107	10.30	10.15	-2.08
5691	71.13	305.29	5408	114	-1304	1193	9.49	9.47	-0.61
5786	79.74	304.89	5431	167	-1379	1285	9.07	9.06	-0.42
5875	82.72	306.01	5445	218	-1450	1372	3.57	3.35	1.26
5905	82.45	305.32	5449	235	-1475	1402	2.45	-0.90	-2.30
5935	84.65	305.99	5452	253	-1499	1431	7.66	7.33	2.23
5995	86.47	306.05	5457	288	-1547	1491	3.03	3.03	0.10
6085	90.50	307.06	5459	342	-1619	1580	4.62	4.48	1.12
6174	90.37	306.47	5459	395	-1691	1668	0.68	-0.15	-0.66
6265	90.61	306.17	5458	449	-1764	1758	0.42	0.26	-0.33
6356	90.47	305.37	5457	502	-1838	1849	0.89	-0.15	-0.88
6448	90.37	305.06	5456	555	-1913	1940	0.35	-0.11	-0.34
6538	89.80	304.40	5456	606	-1987	2030	0.97	-0.63	-0.73
6628	89.50	304.20	5457	657	-2061	2120	0.40	-0.33	-0.22
6718	89.70	303.88	5457	707	-2136	2209	0.42	0.22	-0.36
6810	89.19	303.71	5458	759	-2212	2301	0.58	-0.55	-0.18
6901	89.46	303.40	5459	809	-2288	2392	0.45	0.30	-0.34
6992	88.66	304.24	5461	859	-2364	2482	1.27	-0.88	0.92
7082	90.03	305.28	5462	911	-2438	2572	1.91	1.52	1.16
7172	90.50	305.25	5461	963	-2511	2661	0.52	0.52	-0.03
7263	90.40	304.96	5461	1015	-2586	2752	0.34	-0.11	-0.32
7352	88.93	305.06	5461	1066	-2659	2841	1.66	-1.65	0.11
7442	88.76	308.03	5463	1120	-2731	2930	3.30	-0.19	3.30
7533	89.13	307.71	5465	1176	-2803	3020	0.54	0.41	-0.35
7623	88.12	306.50	5467	1230	-2874	3109	1.75	-1.12	-1.34
7713	89.66	306.93	5469	1284	-2947	3198	1.78	1.71	0.48
7804	90.81	307.02	5468	1338	-3019	3288	1.27	1.26	0.10
7895	90.97	307.18	5467	1393	-3092	3378	0.25	0.18	0.18
7986	88.82	305.19	5467	1447	-3165	3469	3.22	-2.36	-2.19
8077	90.07	305.89	5468	1500	-3239	3559	1.57	1.37	0.77
8167	90.23	306.30	5468	1553	-3312	3649	0.49	0.18	0.46
8257	90.07	305.58	5467	1606	-3385	3738	0.82	-0.18	-0.80
8348	89.70	304.67	5468	1658	-3459	3828	1.08	-0.41	-1.00
8439	90.07	305.54	5468	1710	-3534	3919	1.04	0.41	0.96
8529	89.83	305.55	5468	1763	-3607	4008	0.27	-0.27	0.01
8620	90.10	304.58	5468	1815	-3681	4099	1.11	0.30	-1.07
8710	90.47	304.49	5467	1866	-3756	4189	0.42	0.41	-0.10
8800	91.41	307.00	5466	1919	-3829	4278	2.98	1.04	2.79
8891	91.81	306.77	5463	1973	-3901	4368	0.51	0.44	-0.25



Scientific Drilling

Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well Lybrook #308H - Slot 1
Project:	Gallo Canyon Unit	TVD Reference:	GL 6954' & RKB 26' @ 6980ft (H&P 443)
Site:	M26A 2306 Pad	MD Reference:	GL 6954' & RKB 26' @ 6980ft (H&P 443)
Well:	Lybrook #308H	North Reference:	True
Wellbore:	Original Drilling	Survey Calculation Method:	Minimum Curvature
Design:	Original Drilling	Database:	Grand Junction

Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
8983	90.13	306.66	5462	2028	-3975	4459	1.83	-1.83	-0.12	
9074	90.03	306.44	5462	2082	-4048	4550	0.27	-0.11	-0.24	
9165	88.82	305.02	5463	2136	-4122	4640	2.05	-1.33	-1.56	
9257	90.60	306.07	5463	2189	-4197	4731	2.25	1.93	1.14	
9348	89.90	305.58	5463	2242	-4271	4822	0.94	-0.77	-0.54	
9439	90.00	304.65	5463	2295	-4345	4912	1.03	0.11	-1.02	
9529	90.24	306.63	5463	2347	-4418	5002	2.22	0.27	2.20	
9619	89.53	304.60	5463	2399	-4491	5091	2.39	-0.79	-2.26	
9709	89.33	305.34	5464	2451	-4565	5181	0.85	-0.22	0.82	
9799	89.93	307.38	5464	2504	-4638	5270	2.36	0.67	2.27	
9889	89.23	306.56	5465	2558	-4710	5359	1.20	-0.78	-0.91	
9984	89.43	305.92	5466	2615	-4786	5454	0.71	0.21	-0.67	
10,078	89.40	305.73	5467	2670	-4862	5547	0.20	-0.03	-0.20	
10,173	88.96	305.25	5468	2725	-4940	5641	0.69	-0.46	-0.51	
10,267	87.58	304.37	5471	2778	-5017	5735	1.74	-1.47	-0.94	
10,361	87.21	303.38	5475	2831	-5095	5828	1.12	-0.39	-1.05	
10,456	88.83	305.45	5479	2884	-5173	5923	2.77	1.71	2.18	
10,550	89.23	305.13	5480	2939	-5250	6016	0.54	0.43	-0.34	
10,599	89.23	305.13	5481	2967	-5290	6065	0.00	0.00	0.00	

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (usft)	Easting (usft)	Latitude	Longitude
308H Casing Rev 1	0.00	0.00	5442	155	-1406	1,889,314.55	2,836,189.38	36.19174144	-107.45004271
- actual wellpath misses target center by 27ft at 5802ft MD (5434 TVD, 176 N, -1392 E)									
- Point									
308H FTP Rev 1	0.00	0.00	5457	282	-1595	1,889,441.38	2,836,000.06	36.19209190	-107.45068260
- actual wellpath misses target center by 33ft at 6030ft MD (5459 TVD, 309 N, -1575 E)									
- Circle (radius 75)									
308H Toe rev 2	0.00	0.00	5471	2969	-5302	1,892,113.86	2,832,281.80	36.19947296	-107.46324915
- actual wellpath misses target center by 16ft at 10599ft MD (5481 TVD, 2967 N, -5290 E)									
- Circle (radius 100)									



Scientific Drilling
Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well Lybrook #308H - Slot 1
Project:	Gallo Canyon Unit	TVD Reference:	GL 6954' & RKB 26' @ 6980ft (H&P 443)
Site:	M26A 2306 Pad	MD Reference:	GL 6954' & RKB 26' @ 6980ft (H&P 443)
Well:	Lybrook #308H	North Reference:	True
Wellbore:	Original Drilling	Survey Calculation Method:	Minimum Curvature
Design:	Original Drilling	Database:	Grand Junction

Design Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
434	434	-1	-3	First Surface MWD Survey
4933	4830	-77	-932	Last Surface MWD Survey
5028	4922	-78	-953	First Curve MWD Survey
5786	5431	167	-1379	Last Curve MWD Survey
5875	5445	218	-1450	First Lateral MWD Survey
10,550	5480	2939	-5250	Last Lateral MWD Survey
10,599	5481	2967	-5290	Projection to TD

Checked By: _____ Approved By: _____ Date: _____

**Directional Survey Certification**

7237 Barton Drive
Casper, WY 82604
(307) 472-6621

Operator	DJR Operating
Well Name & No.	Gallo Canyon M26A 2306 308H
County & State	Sandoval, NM
SDI Job No.	OP.035085
Rig	H&P 443

I, Janie Collins, having personal knowledge of all the facts, hereby certify that the attached directional survey run from a measured depth of 434 feet to a measured depth of 10,599 feet is true and correct as determined from all available records.

A handwritten signature in blue ink, appearing to read 'Janie Collins', written over a horizontal line.

Signature

12-Aug-22

Date

Janie Collins

Colorado District Well Planner
Scientific Drilling International

Well Name: GALLO CANYON UNIT	Well Location: T23N / R6W / SEC 26 / SWSW / 36.191317 / -107.445278	County or Parish/State: SANDOVAL / NM
Well Number: 308H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM118128	Unit or CA Name: GalloCanyonUnit	Unit or CA Number: NMNM131017A
US Well Number: 3004321492	Well Status: Drilling Well	Operator: DJR OPERATING LLC

Subsequent Report

Sundry ID: 2757179

Type of Submission: Subsequent Report	Type of Action: Hydraulic Fracturing
Date Sundry Submitted: 10/19/2023	Time Sundry Submitted: 10:05
Date Operation Actually Began: 09/08/2023	

Actual Procedure: Completion Sundry 8/14/23: Full function PT 4.5" x 7" casing L750 H79600 (30min) test good & recorded on chart. 9/8/23: Open well, increase pressure, AlphaSleeve opened at 8520 psi. 9/19/23: Perf Plug & Frac 15 stages: 3 spf. 0.35" diameter from 6056' – 10527' MD (5457' – 5480' TVD). Total of 525 open holes. As Pumped: 24,718 bbls of fluid. 8,120,130 lbs of proppant. 42,732,857 scf of N2. 10/6/23: MIRU AWS 812. NU BOPE. Full function PT L300 H500 (30min) test good & recorded on chart. TIH. Drill out plugs. TOH. 10/8/23: Change over tubing tools. PT 2k (15min) test good & recorded on chart. RIH with production string. Land 175 jts of 2.875" 6.5# L80 STC tubing. EOT: 5792'. Six GLVs set at 1833' – 2557' – 3217' – 3876' – 4536' – 5228'. POH. ND BOPE. NU production tree & PT L300 H5000 (30min) test good & recorded on chart. Turn well over to production. Rig released on 10/9/23.

Well Name: GALLO CANYON UNIT	Well Location: T23N / R6W / SEC 26 / SWSW / 36.191317 / -107.445278	County or Parish/State: SANDOVAL / NM
Well Number: 308H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM118128	Unit or CA Name: GalloCanyonUnit	Unit or CA Number: NMNM131017A
US Well Number: 3004321492	Well Status: Drilling Well	Operator: DJR OPERATING LLC

Operator

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: SHAW-MARIE FORD

Signed on: OCT 19, 2023 10:05 AM

Name: DJR OPERATING LLC

Title: Regulatory Specialist

Street Address: 1 ROAD 3263

City: AZTECState: NM

Phone: (505) 632-3476

Email address: SFORD@DJRLLC.COM

Field

Representative Name:

Street Address:

City:State:Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: MATTHEW H KADE

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5055647736

BLM POC Email Address: MKADE@BLM.GOV

Disposition: Accepted

Disposition Date: 10/19/2023

Signature: Matthew Kade



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

Well Completion Print

12/18/2023

Operator Name DJR OPERATING LLC	Well Name GALLO CANYON UNIT	Well Number 308H	US Well Number 3004321492
SHL SWSW Sec 26 23N 6W	County SANDOVAL	State NM	Lease Number(s) NMNM118128
Well Type OIL WELL	Well Status Drilling Well	Agreement Name GalloCanyonUnit	Agreement Number(s) NMNM131017A
Allottee/Tribe Name	Well Pad Name GALLO CANYON UNIT	Well Pad Number 303H, 304H, 305H, 307H, 308H, 309H	APD ID 10400066966

Section 1 - General

Well Completion Report Id: 90010**Submission Date:** 11-02-2023**BLM Office:** Farmington Field Office**User:** SHAW-MARIE FORD**Title:** Regulatory Specialist**Federal/Indian:** FEDERAL**Lease Number:** NMNM118128**Lease Acres:****Agreement in place?:** YES**Federal or Indian Agreement:****Agreement Number:****Agreement Name:** GalloCanyonUnit**Additional Information****Keep this Well Completion Report confidential?:****APD Operator:** DJR OPERATING LLC

Section 2 - Well

Field/Pool or Exploratory:**Pool Name:** COUNSELORS GALLUP**Field Name:** BASIN MANCOS**Well Type:** OIL WELL**Spud Date:** 04-19-2022**Date Total Measured Depth Reached:** 08-05-2022**Drill & Abandon or Ready To Produce:** READY TO**Well Class:** HORIZONTAL

Operator Name DJR OPERATING LLC	Well Name GALLO CANYON UNIT	Well Number 308H	US Well Number 3004321492
SHL SWSW Sec 26 23N 6W	County SANDOVAL	State NM	Lease Number(s) NMNM118128
Well Type OIL WELL	Well Status Drilling Well	Agreement Name GalloCanyonUnit	Agreement Number(s) NMNM131017A
Allottee/Tribe Name	Well Pad Name GALLO CANYON UNIT	Well Pad Number 303H, 304H, 305H, 307H, 308H, 309H	APD ID 10400066966

Section 3 - Geologic

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral
OJO ALAMAO	SANDSTONE		0	1388	1404	USEABLE WATER	
KIRTLAND	SHALE		-1493	1493	1512	NONE	
FRUITLAND	COAL		-1704	1704	1730	NATURAL GAS	
PICTURED CLIFFS	SANDSTONE		-1926	1926	1958	USEABLE WATER	
LEWIS	SHALE		-2029	2029	2065	NONE	
CHACRA	SANDSTONE		-2792	2792	2851	NONE	
MENEFEE	COAL, SANDSTONE		-3460	3460	3539	NATURAL GAS	
POINT LOOKOUT	SANDSTONE		-4163	4163	4264	NONE	
MANCOS	SHALE		-4358	4358	4465	NONE	
MANCOS	SILTSTONE		-4723	4723	4841	NATURAL GAS, OIL	
GALLUP	SANDSTONE		-5203	5203	5358	NATURAL GAS, OIL	

Completion and Completed

Operator Name DJR OPERATING LLC	Well Name GALLO CANYON UNIT	Well Number 308H	US Well Number 3004321492
SHL SWSW Sec 26 23N 6W	County SANDOVAL	State NM	Lease Number(s) NMNM118128
Well Type OIL WELL	Well Status Drilling Well	Agreement Name GalloCanyonUnit	Agreement Number(s) NMNM131017A
Allottee/Tribe Name	Well Pad Name GALLO CANYON UNIT	Well Pad Number 303H, 304H, 305H, 307H, 308H, 309H	APD ID 10400066966

Completion Data

Wellbore Code	Completion Code	Interval Number	Case Number	Lease Number	Well Completion Type	Describe Well Completion Type	Completion Status	Date Completed	Date First Produced	Formation	Interval Top (MD)	Interval Bottom (MD)	Interval Perforated?	Perforation Size	Number of Holes	Status of Interval
00	S1	1	NMNM131017A	NMNM118128	NEW		POW	10-08-2023	10-08-2023	GALLUP	6056	10527	Y	.35	525	OPEN

Treatment Data

Wellbore Code	Completion Code	Interval Number	Interval Treated?	Treatment Type	Totle Fluid (bbbls)	Total Proppant (lbs)	Treatment Remarks
00	S1	1	Y	FRAC	24718	8120130	Chemical Disclosure uploaded to FracFocus on 10/16/23.

Production Data

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

Operator Name DJR OPERATING LLC	Well Name GALLO CANYON UNIT	Well Number 308H	US Well Number 3004321492
SHL SWSW Sec 26 23N 6W	County SANDOVAL	State NM	Lease Number(s) NMNM118128
Well Type OIL WELL	Well Status Drilling Well	Agreement Name GalloCanyonUnit	Agreement Number(s) NMNM131017A
Allottee/Tribe Name	Well Pad Name GALLO CANYON UNIT	Well Pad Number 303H, 304H, 305H, 307H, 308H, 309H	APD ID 10400066966

Test Data

Wellbore Code	Completion Code	Interval Number	Test Date	Hours Tested	24-Hour Rate Oil (bbls)	24-Hour Rate Gas (MCF)	24-Hour Rate Water(BWPD)	Gas-Oil Ratio (SCF/Bbl)	Choke Size	Tubing Pressure	Tubing Pressure Shut-In (psi)	Casing Pressure (psi)
00	S1	1	10/10/2023	24	968	707	243	730	40/64	404		759

Well Location

Survey Type: RECTANGULAR	Survey Number:	
Datum: NAD83	Vertical Datum: NAVD88	Reference Datum: GL

	State	Meridian	County	Latitude	Longitude	Elevation (MSL)	MD (ft)	TVD (ft)	Lease Type	Lease Number	Plug TVD (ft)	Plug MD (ft)	Plug Type	NS-Foot	NS-Indicator	EW-Foot	EW-Indicator	Township	Range	Section	Aliquot/Lot/Tract
SHL	NEW MEXICO	NEW MEXICO PRINCIPAL	SANDOVAL	36.191317	-107.445278	6954	N/A	N/A	FEDERAL	NMNM118128				843	FSL	411	FWL	23N	6W	26	SWSW
KOP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SANDOVAL	36.191317	-107.445278	6577	377	377	FEDERAL	NMNM118128				843	FSL	411	FWL	23N	6W	26	SWSW
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SANDOVAL	36.191916	-107.450194	1497	6056	5457	FEDERAL	NMNM117564				1048	FSL	1040	FEL	23N	6W	27	SESE
EXIT Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SANDOVAL	36.199389	-107.463072	1474	10527	5480	FEDERAL	NMNM117564				1451	FNL	421	FWL	23N	6W	27	SWNW

Operator Name DJR OPERATING LLC	Well Name GALLO CANYON UNIT	Well Number 308H	US Well Number 3004321492
SHL SWSW Sec 26 23N 6W	County SANDOVAL	State NM	Lease Number(s) NMNM118128
Well Type OIL WELL	Well Status Drilling Well	Agreement Name GalloCanyonUnit	Agreement Number(s) NMNM131017A
Allottee/Tribe Name	Well Pad Name GALLO CANYON UNIT	Well Pad Number 303H, 304H, 305H, 307H, 308H, 309H	APD ID 10400066966

	State	Meridian	County	Latitude	Longitude	Elevation (MSL)	MD (ft)	TVD (ft)	Lease Type	Lease Number	Plug TVD (ft)	Plug MD (ft)	Plug Type	NS-Foot	NS-Indicator	EW-Foot	EW-Indicator	Township	Range	Section	Aliquot/Lot/Tract
BHL Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SANDOVAL	36.199466	-107.463207	1473	10599	5481	FEDERAL	NMNM117564	5481	10594		1423	FNL	381	FWL	23N	6W	27	SWNW

Casing, Liner and Tubing

Casing and Liner

Wellbore Code	Casing String Type	Hole Size	Top Setting Depth (MD)	Bottom Setting Depth (MD)	Casing Size	Wt(lbs/ft)	Casing Grade	Describe Other Casing Grade	Joint	Other Joint	Amount Pulled (ft)
00	SURFACE	12.25	0	377	9.625	36	J-55		ST&C		
00	INTERMEDIATE	8.75	0	5827	7.0	26	J-55		LT&C		
00	LINER	6.125	5570	10594	4.5	11.6	P-110		BUTT		

Operator Name DJR OPERATING LLC	Well Name GALLO CANYON UNIT	Well Number 308H	US Well Number 3004321492
SHL SWSW Sec 26 23N 6W	County SANDOVAL	State NM	Lease Number(s) NMNM118128
Well Type OIL WELL	Well Status Drilling Well	Agreement Name GalloCanyonUnit	Agreement Number(s) NMNM131017A
Allottee/Tribe Name	Well Pad Name GALLO CANYON UNIT	Well Pad Number 303H, 304H, 305H, 307H, 308H, 309H	APD ID 10400066966

Cementing

Wellbore Code	Casing String Type	Stage Tool Depth	Cement Lead Type	Cement Lead Qty (sks)	Cement Lead Yield (cu.ft/sks)	Cement Lead Top (MD)	Cement Tail Type	Cement Tail Qty (sks)	Cement Tail Yield(cu.ft/sks)	Cement Tail Top (MD)	Total (Lead + Tail) Cement Slurry Volume
00	SURFACE		I-II	109	1.61	0					31.3
00	INTERMEDIATE		III	581	2.34	0	Poz/G	143	1.5	4461	280.3
00	LINER		Poz/G	437	1.56	5570					121.4

Tubing

Wellbore Code	Tubing Size	Describe Other	Tubing Setting Depth (MD/ft)	Packer Depth (MD/ft)	Tubing Weight	Tubing Grade	Describe Other	Tubing Coupling	Describe Other
00	2.875		5792	5592	6	L-80		ST&C	

Logs

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

Operator Name DJR OPERATING LLC	Well Name GALLO CANYON UNIT	Well Number 308H	US Well Number 3004321492
SHL SWSW Sec 26 23N 6W	County SANDOVAL	State NM	Lease Number(s) NMNM118128
Well Type OIL WELL	Well Status Drilling Well	Agreement Name GalloCanyonUnit	Agreement Number(s) NMNM131017A
Allottee/Tribe Name	Well Pad Name GALLO CANYON UNIT	Well Pad Number 303H, 304H, 305H, 307H, 308H, 309H	APD ID 10400066966

Operator

I hereby certify that the foregoing and attached information is complete and correct as determined from all available records. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Well Completion Reports through this system satisfies regulations requiring a submission of Form 3160-4 or a Well Completion Report.

Name: DJR OPERATING LLC

Signed By: SHAW-MARIE FORD

Title: Regulatory Specialist

Signed on: 11/02/2023

Street Address: 1 ROAD 3263

City: AZTEC

State: NM

Zip: 87410

Phone: (505)632-3476

Email address: SFORD@DJRLLC.COM

Field

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Extension:

Email address:

BLM Engineer Review & Acceptance by Kenneth Rennick on 11/06/2023

Attachments

308H_Certified_AsDrilled_DD_Survey_20231102144252.pdf

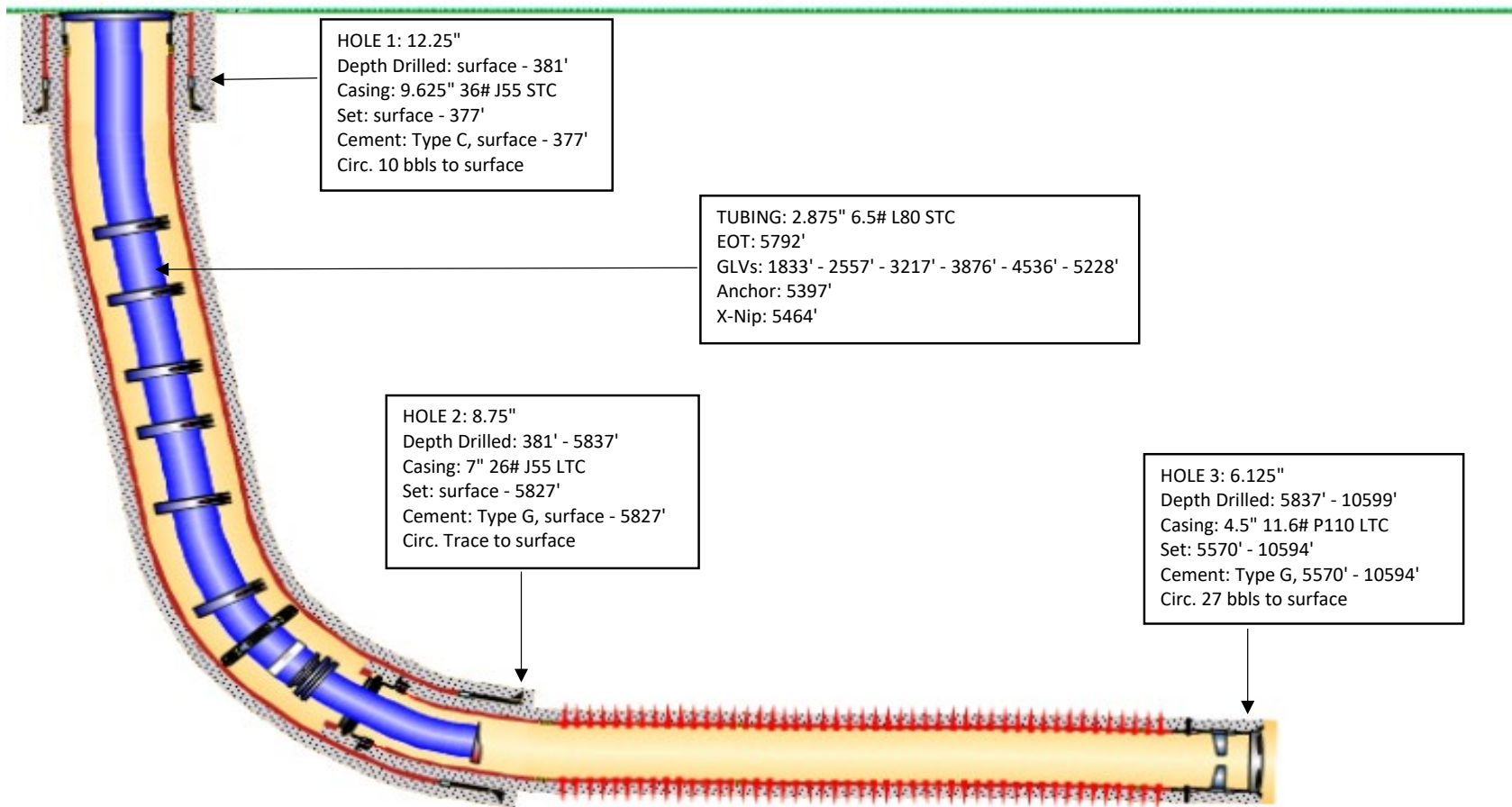
308H_AsDrilled_Plat_and_WBD_20231102144302.pdf

LYBROOK M26 2306 308H

API: 30-043-21492
 SHL: SWSW M-26-23N-06W
 843' FSL x 411' FWL

Page 21 of 23
 Elevation: 6954' GL
 Spud Date: 04/19/2022
 Completed Date: 10/08/2023

FORMATION	MD	TVD
Ojo Alamo	1404'	1388'
Kirtland	1512'	1493'
Fruitland	1730'	1704'
Pictured Cliffs	1958'	1926'
Lewis	2065'	2029'
Chacra	2851'	2792'
Menefee	3539'	3460'
Point Lookout	4264'	4163'
Mancos	4465'	4358'
KOP~	5076'	4968'
Gallup	5358'	5203'
Target	5946'	5455'



Perf:	15 Stages	Frac:	15 Stages
Depth:	6056' - 10527' MD	24,718	bbls of fluid
	5457' - 5480' TVD	8,120,130	lbs of proppant
		42,732,857	scf of N2
Total of 525 Open Holes			

(NAD83)	LAT.	LONG.
SHL:	36.191317	-107.445278
FTP:	36.191916	-107.450194
LTP:	36.199389	-107.463072
BHL:	36.199466	-107.463207

BHL: SWNW E-27-23N-06W
 1423' FNL x 381' FWL

10,599'	TD
5,481'	TVD
10,581'	PBTD
10,555'	FracSleeve

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 295644

ACKNOWLEDGMENTS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 295644
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

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

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

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

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

District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 295644

CONDITIONS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 295644
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	1/24/2024