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
DJR Operating, LLC 1 Road 3263 Aztec, NM 87410	371838
	[3] Reason for Filing Code/ Effective Date RT

[4] API Number	[5] Pool Name	[6] Pool Code
30 – 043 – 21482	Counselors Gallup-Dakota	13379

[7] Property Code	[8] Property Name	[9] Well Number
325207	Gallo Canyon Unit	309H

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
M	26	23N	6W		881	South	481	West	Sandoval

[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
N	36	23N	6W		351	South	1969	West	Sandoval

[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	F	*TBD*			

III. Oil and Gas Transporters

[18] Transporter OGRID	[19] Transporter Name and Address	[20] O/G/W
248440	Western Refining Company, LP 15 Smith Road, Suite 1000, Midland, TX 79705	O
151618	Enterprise Field Services, LLC Post Office Box 4324, Houston, TX 77210	G
	~During flowback, gas will be routed to a properly sized controlled combustion device with a continuous pilot and flared until pipeline specifications are met~	

IV. Well Completion Data

[21] Spud Date	[22] Ready Date	[23] TD	[24] PBTD	[25] Perforations	[26] DHC, MC
04/12/2022	09/25/2023	14,524’ MD 4,990’ TVD	14,508’ MD 4,990’ TVD	5,679’ – 14,450’ MD 4,990’ – 5,077’ TVD Frac Sleeve @ 14,483’	

[27] Hole Size	[28] Casing & Tubing Size	[29] Depth Set	[30] Sacks Cement
12.25	9.625” 36# J55	378’	109
8.75	7” 26# J55	5,456’	602
6.125	4.5” 11.6# P110	TOL: 5,210’ BOL: 14,519’	809

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: Shaw-Marie Ford

Printed name: Shaw-Marie Ford

Title: Regulatory Specialist

E-mail Address: sford@djrllc.com

Date: 08/22/2023

Phone: 505-716-3297

OIL CONSERVATION DIVISION

Approved by: Dean R McClure

Title: Petroleum Engineer

Approval Date: 09/28/2023

RT EXP Date: 12/28/2023

DISTRICT I
1625 N. French Dr., Hobbs, N.M. 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
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) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
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
30-043-21482	13379	COUNSELORS GALLUP - DAKOTA POOL

[4] Property Code	[5] Property Name	[6] Well Number
325207	GALLO CANYON UNIT	309H

[7] OGRID No.	[8] Operator Name	[9] Elevation
371838	DJR OPERATING, LLC	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		881'	SOUTH	481'	WEST	SANDOVAL

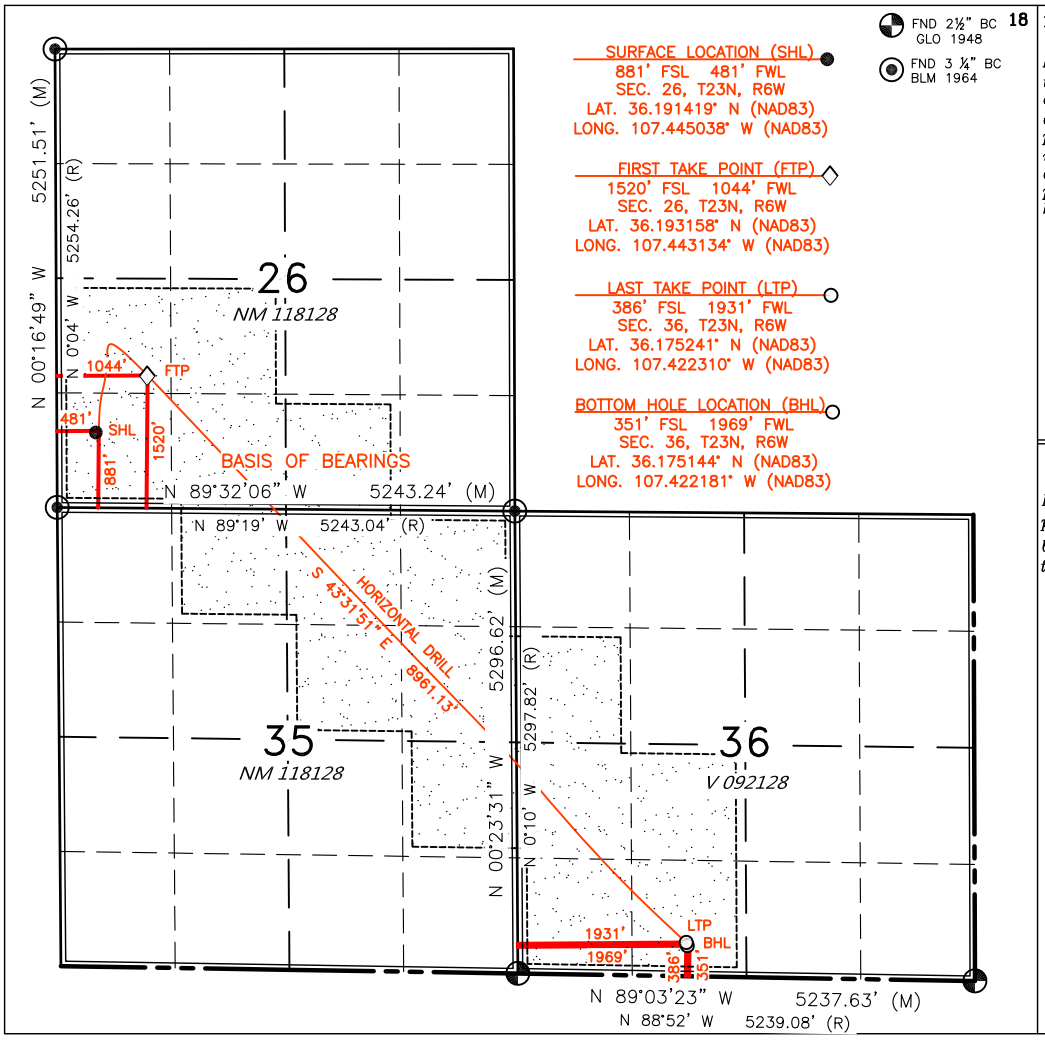
[11] Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	36	23N	6W		351'	SOUTH	1969'	WEST	SANDOVAL

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
PENETRATED SPACING UNIT; SEC 26: SW/4 & SW/SE (200 AC.); SEC 35: NE/NW, NE/4 & NE/SE (240 AC.); SEC 36: SW/NW & SW/4 (200 AC.) = 640 ACRES			R-13718A

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



[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 — Signature
08/21/23 — Date

Shaw-Marie Ford — Printed Name

sford@djrllc.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 26, 2022
Date of Survey

Signature and Seal of Professional Surveyor:

HENRY P. BROADHURST JR. NEW MEXICO 11393 PROFESSIONAL SURVEYOR 08/29/2022

Certificate Number 11393

DJR Energy

DJR
Gallo Canyon
M26A 2306
309H

End of Well Report

Scientific Drilling

www.scientificdrilling.com

Released to Imaging: 9/28/2023 3:43:05 PM
Received by OCD: 8/22/2023 10:10:59 AM

DJR Operating

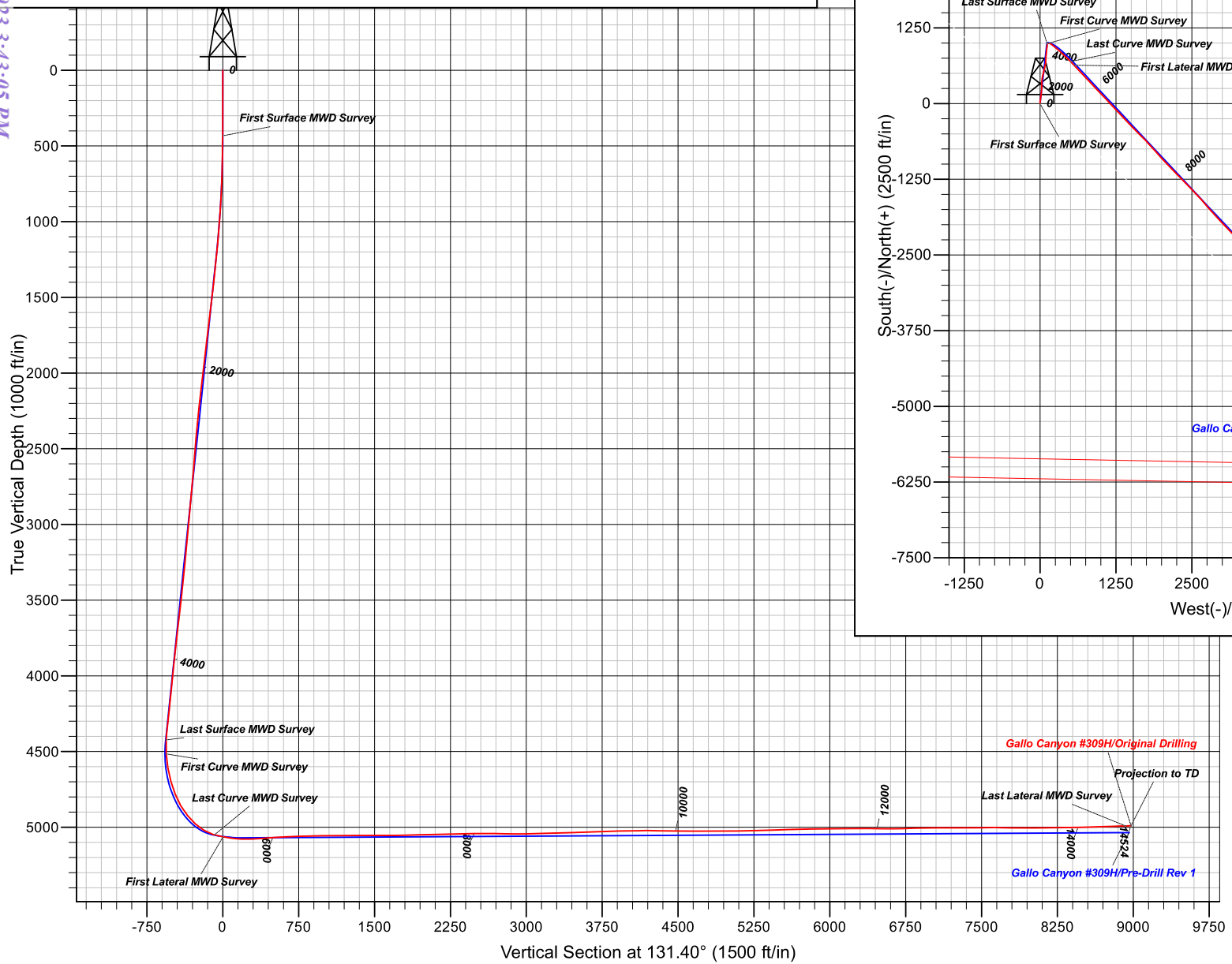
Company Name: DJR Operating
Project: Gallo Canyon Unit
Site: M26A 2306 Pad
Well: Gallo Canyon #309H
Wellbore: Original Drilling

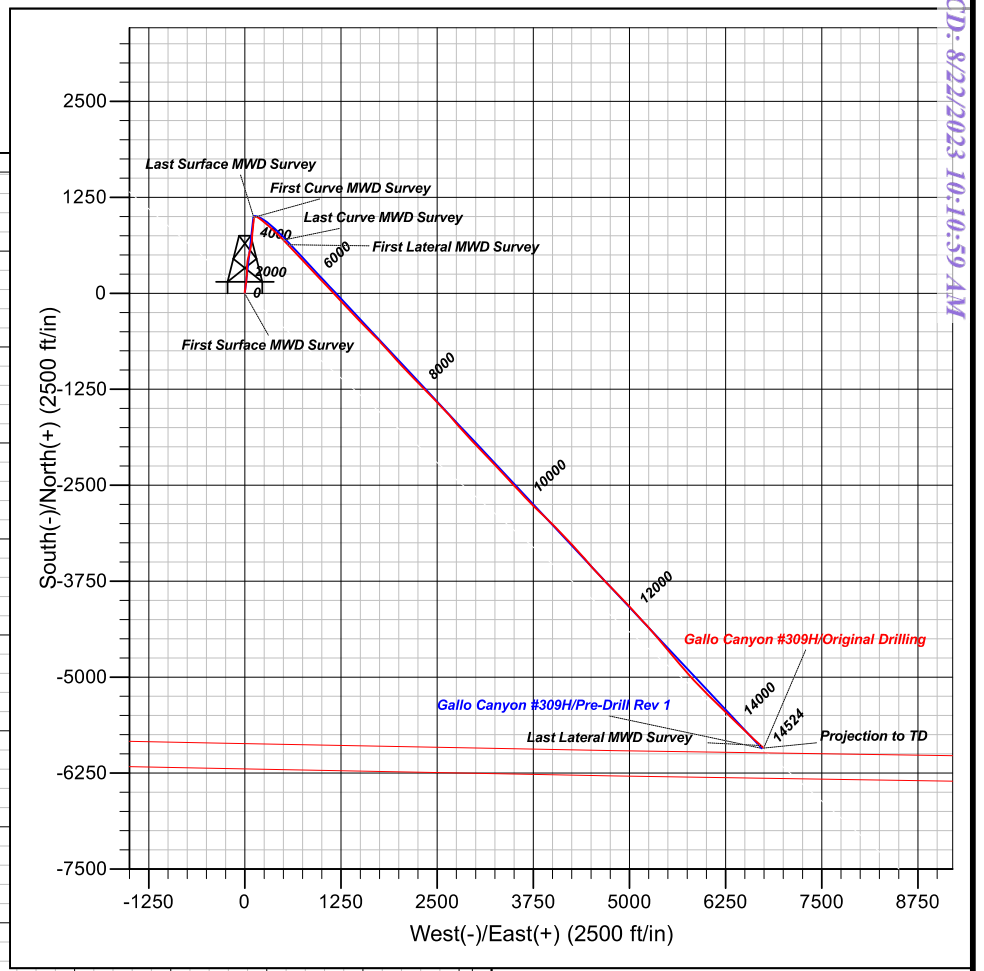
Scientific Drilling

WELL DETAILS: Gallo Canyon #309H

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

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	
0	0	1889203.04	2837666.59	36.19141900	-107.44503800	5





Design: Original Drilling (Gallo Canyon #309H/Original Drilling)

Created By: Janie Collins Date: 14:35, August 25 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

DJR Operating

Gallo Canyon Unit
M26A 2306 Pad
Gallo Canyon #309H - Slot 5

Original Drilling

Design: Original Drilling

Standard Survey Report

25 August, 2022

Scientific Drilling

www.scientificdrilling.com

DJR Operating

Scientific Drilling
Survey Report

Scientific Drilling

Company:	DJR Operating	**Local Co-ordinate Reference:**	Well Gallo Canyon #309H - Slot 5
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:	Gallo Canyon #309H	**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	**Latitude:**	36.19131700
From:	Lat/Long	**Easting:**	2,837,595.93 usft	**Longitude:**	-107.44527800
Position Uncertainty:	0 ft	**Slot Radius:**	13.20 in	**Grid Convergence:**	0.23 °

Well Gallo Canyon #309H - Slot 5

Well Position	**+N/-S**	0 ft	**Northing:**	1,889,203.05 usft	**Latitude:**	36.19141900
	+E/-W	0 ft	**Easting:**	2,837,666.60 usft	**Longitude:**	-107.44503800
Position Uncertainty		0 ft	**Wellhead Elevation:**	ft	**Ground Level:**	6954 ft

Wellbore Original Drilling

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM2022	8/18/2022	8.47	62.67	49,003.70000000

Design Original Drilling

Audit Notes:

Version:	1.0	**Phase:**	ACTUAL	**Tie On Depth:**	0

Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0	0	0	131.40

Survey Program **Date** 8/25/2022

From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
433	4553	Survey #1 - Surface MWD Survey (Origina	MWD+HDGM	OWSG MWD + HDGM
4648	5418	Survey #2 - Curve MWD Survey (Original	MWD+HDGM	OWSG MWD + HDGM
5505	14,524	Survey #3 - Lateral MWD Survey (Original	MWD+HDGM	OWSG MWD + HDGM

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)
0	0.00	0.00	0	0	0	0	0.00	0.00	0.00
433	0.53	317.67	433	1	-1	-2	0.12	0.12	0.00
524	1.64	358.98	524	3	-2	-3	1.42	1.22	45.40
615	3.04	9.29	615	7	-1	-5	1.60	1.54	11.33
706	4.59	8.68	706	13	0	-9	1.70	1.70	-0.67
798	6.24	6.42	797	21	1	-14	1.81	1.79	-2.46
889	8.42	5.88	888	33	2	-20	2.40	2.40	-0.59
979	11.31	7.27	976	48	4	-29	3.22	3.21	1.54
1070	13.61	6.65	1065	68	6	-40	2.53	2.53	-0.68

DJR Operating

Scientific Drilling
Survey Report

Scientific Drilling

Company:	DJR Operating	**Local Co-ordinate Reference:**	Well Gallo Canyon #309H - Slot 5
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:	Gallo Canyon #309H	**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)
1160	13.76	7.11	1152	89	9	-52	0.21	0.17	0.51
1250	14.64	8.62	1240	111	12	-64	1.06	0.98	1.68
1342	16.13	8.50	1328	135	15	-78	1.62	1.62	-0.13
1433	16.87	7.13	1416	160	19	-92	0.92	0.81	-1.51
1524	17.13	4.65	1503	187	22	-107	0.85	0.29	-2.73
1616	16.86	3.61	1591	214	24	-124	0.44	-0.29	-1.13
1709	16.63	3.27	1680	240	25	-140	0.27	-0.25	-0.37
1800	15.18	1.53	1767	265	26	-156	1.68	-1.59	-1.91
1895	15.78	3.59	1859	291	27	-172	0.86	0.63	2.17
1989	15.03	2.50	1949	316	29	-187	0.86	-0.80	-1.16
2084	15.48	1.42	2041	341	30	-203	0.56	0.47	-1.14
2179	14.05	358.03	2133	365	29	-219	1.76	-1.51	-3.57
2274	14.33	3.15	2225	388	30	-234	1.35	0.29	5.39
2369	14.29	13.65	2317	411	33	-247	2.73	-0.04	11.05
2464	15.50	13.25	2409	435	39	-259	1.28	1.27	-0.42
2559	16.34	12.59	2500	460	45	-271	0.90	0.88	-0.69
2654	13.63	10.98	2592	484	50	-283	2.89	-2.85	-1.69
2749	16.26	14.96	2684	508	55	-295	2.97	2.77	4.19
2844	17.26	13.72	2775	535	62	-307	1.12	1.05	-1.31
2939	16.99	12.65	2866	562	68	-320	0.44	-0.28	-1.13
3034	14.84	11.04	2957	588	74	-333	2.31	-2.26	-1.69
3129	15.53	14.51	3049	612	79	-345	1.20	0.73	3.65
3224	16.53	12.91	3140	637	85	-357	1.15	1.05	-1.68
3318	15.03	6.50	3230	662	90	-371	2.44	-1.60	-6.82
3413	13.51	3.60	3322	686	92	-385	1.77	-1.60	-3.05
3508	14.61	3.18	3415	709	93	-399	1.16	1.16	-0.44
3603	14.37	1.96	3507	733	94	-414	0.41	-0.25	-1.28
3698	16.66	5.48	3598	758	96	-429	2.61	2.41	3.71
3792	15.73	4.41	3688	784	98	-445	1.04	-0.99	-1.14
3887	14.71	4.18	3780	809	100	-460	1.08	-1.07	-0.24
3982	16.27	6.67	3872	834	103	-475	1.78	1.64	2.62
4077	15.65	6.21	3963	860	106	-490	0.67	-0.65	-0.48
4172	13.82	6.02	4055	884	108	-504	1.93	-1.93	-0.20
4267	15.08	7.93	4147	908	111	-517	1.42	1.33	2.01
4362	15.69	5.32	4238	933	114	-531	0.97	0.64	-2.75
4457	15.67	5.03	4330	958	116	-546	0.09	-0.02	-0.31
4488	14.94	5.22	4360	966	117	-551	2.36	-2.35	0.61
4553	12.20	11.51	4423	981	119	-560	4.78	-4.22	9.68
4648	13.54	71.28	4516	995	132	-559	13.47	1.41	62.92
4742	15.91	105.14	4607	995	155	-542	9.35	2.52	36.02
4837	21.25	125.57	4697	982	181	-513	8.78	5.62	21.51
4932	31.06	126.81	4782	957	215	-472	10.34	10.33	1.31
5027	41.98	126.82	4859	923	260	-415	11.49	11.49	0.01

Released to Imaging: 9/28/2023 3:43:05 PM

DJR Operating

Scientific Drilling

Survey Report

Scientific Drilling

Company:	DJR Operating	**Local Co-ordinate Reference:**	Well Gallo Canyon #309H - Slot 5
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:	Gallo Canyon #309H	**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)
5122	50.37	131.22	4924	880	313	-347	9.44	8.83	4.63
5217	59.18	134.50	4979	827	370	-269	9.69	9.27	3.45
5309	68.16	135.87	5020	769	428	-187	9.85	9.76	1.49
5407	78.50	134.59	5048	702	494	-94	10.62	10.55	-1.31
5418	80.07	135.33	5050	694	502	-83	15.73	14.27	6.73
5505	82.61	135.75	5063	633	562	3	2.96	2.92	0.48
5568	83.88	136.23	5070	588	605	65	2.15	2.02	0.76
5662	87.79	136.84	5077	520	670	159	4.21	4.16	0.65
5756	90.90	136.99	5078	451	734	252	3.31	3.31	0.16
5851	91.58	136.87	5076	382	799	347	0.73	0.72	-0.13
5945	94.06	137.24	5072	313	863	440	2.67	2.64	0.39
6039	91.98	136.92	5067	244	927	534	2.24	-2.21	-0.34
6134	91.91	136.33	5063	175	992	628	0.63	-0.07	-0.62
6228	91.44	136.87	5061	107	1057	722	0.76	-0.50	0.57
6322	91.51	136.11	5058	39	1121	815	0.81	0.07	-0.81
6417	90.07	136.92	5057	-30	1187	910	1.74	-1.52	0.85
6511	90.27	137.39	5057	-99	1251	1003	0.54	0.21	0.50
6606	90.81	137.89	5056	-169	1315	1098	0.77	0.57	0.53
6701	90.94	137.54	5054	-239	1378	1192	0.39	0.14	-0.37
6795	89.77	135.82	5054	-308	1443	1286	2.21	-1.24	-1.83
6890	89.43	135.38	5054	-376	1509	1381	0.59	-0.36	-0.46
6984	90.20	134.93	5055	-442	1576	1474	0.95	0.82	-0.48
7078	90.13	135.54	5054	-509	1642	1568	0.65	-0.07	0.65
7173	89.87	135.82	5054	-577	1708	1663	0.40	-0.27	0.29
7267	91.17	138.16	5054	-646	1772	1756	2.85	1.38	2.49
7361	91.21	138.15	5052	-716	1835	1850	0.04	0.04	-0.01
7456	91.21	138.26	5050	-786	1898	1944	0.12	0.00	0.12
7550	90.74	137.38	5048	-856	1961	2037	1.06	-0.50	-0.94
7644	90.64	136.70	5047	-925	2025	2131	0.73	-0.11	-0.72
7738	90.87	137.18	5046	-994	2090	2225	0.57	0.24	0.51
7833	90.91	136.63	5044	-1063	2155	2319	0.58	0.04	-0.58
7928	90.84	135.92	5043	-1132	2220	2414	0.75	-0.07	-0.75
8022	90.34	134.81	5042	-1198	2286	2507	1.30	-0.53	-1.18
8117	89.97	135.54	5042	-1266	2353	2602	0.86	-0.39	0.77
8211	89.50	136.42	5042	-1333	2419	2696	1.06	-0.50	0.94
8305	89.09	135.81	5043	-1401	2484	2790	0.78	-0.44	-0.65
8399	89.56	137.42	5044	-1469	2548	2883	1.78	0.50	1.71
8493	90.00	135.96	5045	-1538	2613	2977	1.62	0.47	-1.55
8588	91.74	138.17	5043	-1607	2677	3071	2.96	1.83	2.33
8682	91.94	139.19	5040	-1678	2739	3165	1.11	0.21	1.09
8776	89.80	139.43	5039	-1749	2801	3258	2.29	-2.28	0.26
8870	91.44	138.70	5038	-1820	2862	3351	1.91	1.74	-0.78
8965	91.41	137.74	5035	-1891	2926	3445	1.01	-0.03	-1.01

DJR Operating

Scientific Drilling

Survey Report

Scientific Drilling

Company:	DJR Operating	**Local Co-ordinate Reference:**	Well Gallo Canyon #309H - Slot 5
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:	Gallo Canyon #309H	**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)
9059	90.84	136.49	5033	-1960	2990	3539	1.46	-0.61	-1.33
9153	91.38	136.25	5032	-2028	3054	3632	0.63	0.57	-0.26
9247	91.91	136.08	5029	-2096	3119	3726	0.59	0.56	-0.18
9342	90.91	136.55	5027	-2164	3185	3820	1.16	-1.05	0.49
9436	90.40	137.00	5026	-2233	3249	3914	0.72	-0.54	0.48
9531	90.77	137.23	5025	-2302	3314	4009	0.46	0.39	0.24
9625	91.04	136.68	5023	-2371	3378	4102	0.65	0.29	-0.59
9719	89.93	137.40	5022	-2440	3442	4196	1.41	-1.18	0.77
9814	89.19	137.24	5023	-2510	3507	4290	0.80	-0.78	-0.17
9909	89.53	137.28	5024	-2580	3571	4385	0.36	0.36	0.04
9999	89.30	136.42	5025	-2645	3633	4474	0.99	-0.26	-0.96
10,090	88.93	135.91	5026	-2711	3696	4565	0.69	-0.41	-0.56
10,180	90.37	135.23	5027	-2775	3759	4655	1.77	1.60	-0.76
10,271	90.84	135.02	5026	-2840	3823	4745	0.57	0.52	-0.23
10,361	90.27	133.17	5025	-2902	3888	4835	2.15	-0.63	-2.06
10,451	90.27	133.92	5025	-2964	3953	4925	0.83	0.00	0.83
10,542	89.46	134.03	5025	-3027	4018	5016	0.90	-0.89	0.12
10,633	90.00	135.75	5025	-3092	4083	5107	1.98	0.59	1.89
10,722	90.97	136.85	5025	-3156	4144	5196	1.65	1.09	1.24
10,812	91.71	138.18	5023	-3222	4205	5285	1.69	0.82	1.48
10,902	91.21	136.94	5020	-3289	4266	5375	1.49	-0.56	-1.38
10,994	91.44	137.22	5018	-3356	4328	5466	0.39	0.25	0.30
11,085	91.78	137.98	5016	-3423	4390	5557	0.91	0.37	0.84
11,175	90.17	139.00	5014	-3491	4449	5646	2.12	-1.79	1.13
11,265	90.54	138.71	5013	-3558	4509	5735	0.52	0.41	-0.32
11,355	90.81	138.50	5012	-3626	4568	5824	0.38	0.30	-0.23
11,447	90.77	137.42	5011	-3694	4630	5916	1.17	-0.04	-1.17
11,538	90.37	136.15	5010	-3761	4692	6006	1.46	-0.44	-1.40
11,629	90.37	135.08	5010	-3826	4756	6097	1.18	0.00	-1.18
11,719	90.40	134.81	5009	-3889	4819	6187	0.30	0.03	-0.30
11,810	90.37	136.54	5008	-3954	4883	6278	1.90	-0.03	1.90
11,900	89.56	136.97	5008	-4020	4945	6367	1.02	-0.90	0.48
11,990	89.70	136.93	5009	-4086	5006	6457	0.16	0.16	-0.04
12,080	89.09	137.51	5010	-4152	5067	6546	0.94	-0.68	0.64
12,170	90.54	138.45	5010	-4218	5127	6636	1.92	1.61	1.04
12,260	90.67	137.27	5009	-4285	5188	6725	1.32	0.14	-1.31
12,351	92.08	138.42	5007	-4353	5249	6816	2.00	1.55	1.26
12,441	91.11	139.04	5005	-4420	5308	6905	1.28	-1.08	0.69
12,532	89.73	140.11	5004	-4490	5367	6995	1.92	-1.52	1.18
12,623	89.87	139.71	5004	-4559	5426	7085	0.47	0.15	-0.44
12,714	89.80	139.55	5005	-4628	5485	7175	0.19	-0.08	-0.18
12,804	90.47	139.58	5004	-4697	5543	7264	0.75	0.74	0.03
12,895	89.63	139.93	5004	-4766	5602	7354	1.00	-0.92	0.38
12,985	91.54	140.85	5003	-4836	5659	7443	2.36	2.12	1.02

DJR Operating

Scientific Drilling

Survey Report

Scientific Drilling

Company:	DJR Operating	**Local Co-ordinate Reference:**	Well Gallo Canyon #309H - Slot 5
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:	Gallo Canyon #309H	**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)
13,076	90.07	138.91	5002	-4905	5718	7533	2.67	-1.62	-2.13
13,167	89.87	138.56	5002	-4974	5778	7623	0.44	-0.22	-0.38
13,258	88.96	136.03	5003	-5041	5840	7714	2.95	-1.00	-2.78
13,347	89.73	136.44	5004	-5105	5901	7802	0.98	0.87	0.46
13,438	89.30	135.56	5005	-5170	5964	7893	1.08	-0.47	-0.97
13,529	90.23	135.32	5005	-5235	6028	7984	1.06	1.02	-0.26
13,620	90.64	135.07	5005	-5300	6092	8075	0.53	0.45	-0.27
13,711	90.54	134.64	5004	-5364	6157	8166	0.49	-0.11	-0.47
13,802	90.37	133.72	5003	-5427	6222	8256	1.03	-0.19	-1.01
13,894	90.44	133.07	5002	-5491	6289	8348	0.71	0.08	-0.71
13,986	90.50	134.06	5001	-5554	6356	8440	1.08	0.07	1.08
14,077	91.34	134.97	5000	-5618	6420	8531	1.36	0.92	1.00
14,166	91.31	134.27	4998	-5680	6484	8620	0.79	-0.03	-0.79
14,257	91.48	134.35	4996	-5744	6549	8711	0.21	0.19	0.09
14,346	90.60	131.34	4994	-5804	6614	8800	3.52	-0.99	-3.38
14,436	91.27	132.24	4993	-5864	6681	8890	1.25	0.74	1.00
14,472	91.51	132.78	4992	-5889	6708	8926	1.64	0.67	1.50
14,524	91.51	132.78	4990	-5924	6746	8978	0.00	0.00	0.00

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (usft)	Easting (usft)	Latitude	Longitude
309H Toe Rev 1	0.00	0.00	5036	-5925	6720	1,883,304.96	2,844,410.60	36.17514040	-107.42226770
- actual wellpath misses target center by 49ft at 14505ft MD (4991 TVD, -5911 N, 6732 E)									
- Circle (radius 100)									
309H Casing Rev 1	0.00	0.00	5055	702	532	1,889,906.78	2,838,195.80	36.19334636	-107.44323499
- actual wellpath misses target center by 27ft at 5435ft MD (5053 TVD, 683 N, 513 E)									
- Point									
309H Heel Rev 1	0.00	0.00	5070	539	698	1,889,744.38	2,838,362.57	36.19289840	-107.44267200
- actual wellpath misses target center by 34ft at 5668ft MD (5077 TVD, 516 N, 674 E)									
- Circle (radius 50)									

DJR Operating

Scientific Drilling
Survey Report

Scientific Drilling

Company:	DJR Operating	**Local Co-ordinate Reference:**	Well Gallo Canyon #309H - Slot 5
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:	Gallo Canyon #309H	**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 +N/-S (ft)	Local Coordinates +E/-W (ft)	Comment
433	433	1	-1	First Surface MWD Survey
4553	4423	981	119	Last Surface MWD Survey
4648	4516	995	132	First Curve MWD Survey
5418	5050	694	502	Last Curve MWD Survey
5505	5063	633	562	First Lateral MWD Survey
14,472	4992	-5889	6708	Last Lateral MWD Survey
14,524	4990	-5924	6746	Projection to TD

Checked By: _____ Approved By: _____ Date: _____

Released to Imaging: 9/28/2023 3:43:05 PM

Scientific Drilling

Directional Survey Certification

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

Operator	DJR Operating
Well Name & No.	Gallo Canyon M26A 2306 309H
County & State	Sandoval, NM
SDI Job No.	OP.034946
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 433 feet to a measured depth of 14,524 feet is true and correct as determined from all available records.

Signature

25-Aug-22
Date

Janie Collins
Colorado District Well Planner
Scientific Drilling International

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: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 255402
	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.

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CONDITIONS

Action 255402

CONDITIONS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 255402
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
dmcclure	RT EXP Date: 12/28/2023	9/28/2023