

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 30-043-21404	⁵ Pool Name Lybrook Gallup		⁶ Pool Code 42289
⁷ Property Code 325271	⁸ Property Name Venado Canyon Unit		⁹ Well Number 303H

II. ¹⁰ Surface Location

UL or lot no. H	Section 14	Township 22N	Range 06W	Lot Idn	Feet from the 2288'	North/South Line North	Feet from the 754'	East/West line East	County Sandoval
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¹¹ Bottom Hole Location

UL or lot no. P	Section 10	Township 22N	Range 06W	Lot Idn	Feet from the 522'	North/South line South	Feet from the 80'	East/West line East	County Sandoval
¹² Lse Code F	¹³ Producing Method Code F		¹⁴ Gas Connection Date 11/16/22		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
	6500 Townbridge Drive, El Paso, TX 79905	
151618	Enterprise Field Services, LLC	G
	Post Office Box 4503, Houston, TX 77001	

IV. Well Completion Data

²¹ Spud Date 04/20/22	²² Ready Date 11/05/22	²³ TD 11,310' MD 5,387' TVD	²⁴ PBTD 11,291' MD 5,387' TVD	²⁵ Perforations 5,964'-11,235' MD 5,366'- 5,399' TVD Frac Sleeve @ 11,268'	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set	³⁰ Sacks Cement
12.25		9.625" 36# J55		388'	109
8.75		7" 26# J55		5,921'	639
6.125		4.5" 11.6# P110		TOL: 5,562' BOL: 11,305'	619
		2.875" 6.5# L80 Tubing		5,889'	

V. Well Test Data

³¹ Date New Oil 11/07/22	³² Gas Delivery Date 11/16/22	³³ Test Date 11/08/22	³⁴ Test Length 24	³⁵ Tbg. Pressure 308	³⁶ Csg. Pressure 772
³⁷ Choke Size 44/64	³⁸ Oil 655	³⁹ Water 439	⁴⁰ Gas 1044		⁴¹ Test Method F
⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Shaw-Marie Ford</i>			OIL CONSERVATION DIVISION		
Printed name: Shaw-Marie Ford			Approved by: <i>PATRICIA MARTINEZ</i>		
Title: Regulatory Specialist			Title: <i>PETROLEUM SPECIALIST</i>		
E-mail Address: sford@djrlc.com			Approval Date: <i>2/3/2023</i>		
Date: 01/10/23		Phone: 505-716-3297			

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 30-043-21404	² Pool Code 42289	³ Pool Name LYBROOK GALLUP
⁴ Property Code 325271	⁵ Property Name VENADO CANYON UNIT	⁶ Well Number 303H
⁷ OGRID No. 371838	⁸ Operator Name DJR OPERATING, LLC	⁹ Elevation 7122

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
H	14	22-N	6-W		2288	NORTH	754	EAST	SANDOVAL

¹¹ Bottom Hole Location If Different From Surface

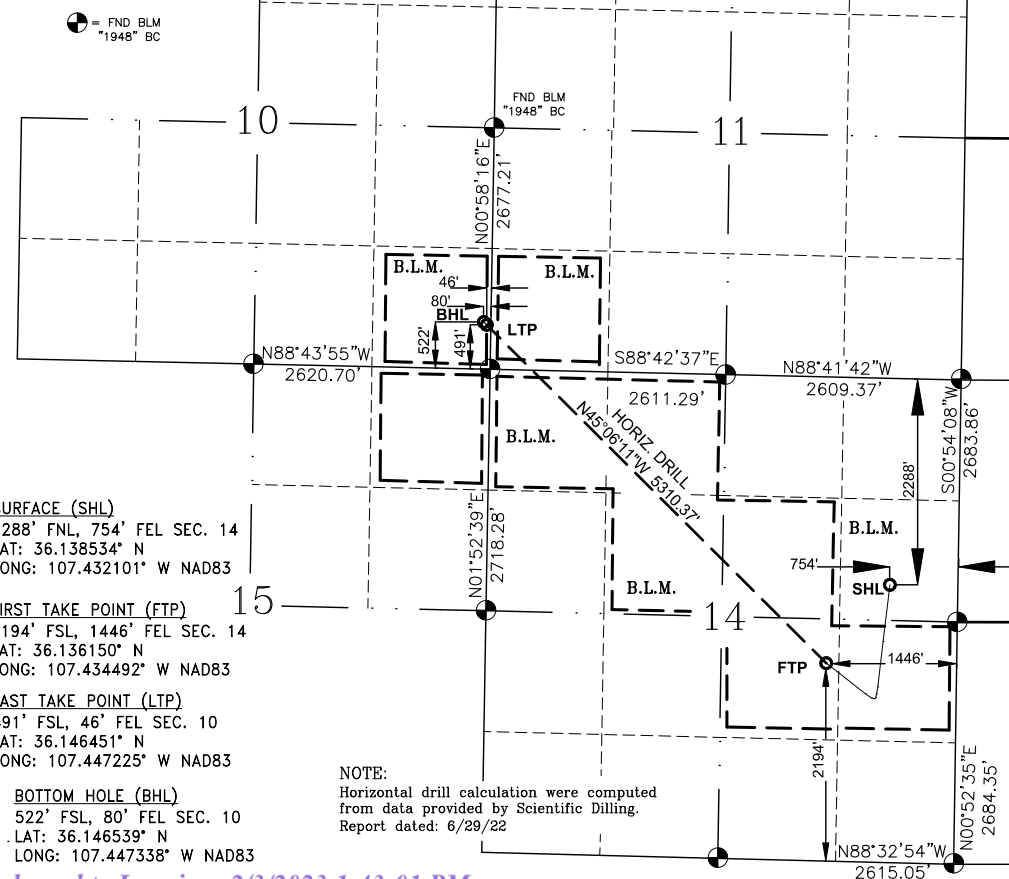
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	10	22-N	6-W		522	SOUTH	80	EAST	SANDOVAL

¹² Dedicated Acres SEE DETAIL BELOW	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. R-14067 R-14067A
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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

DETAIL:
DEDICATED ACRES

SEC. 14: N2/SE, SW/NE, SE/NW, N2/NW (240 ACRES)
SEC. 11: SW/SW (40 ACRES)
SEC. 15: NE/NE (40 ACRES)
SEC. 10: SE/SE (40 ACRES) TOTAL = 360 ACRES

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 a working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Shaw-Marie Ford 09/21/22

Signature Date

Shaw-Marie Ford

Printed Name

sford@djrlc.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.

JULY 11, 2022

Date of Survey

Signature and Seal of Professional Surveyor:



GLEN W. RUSSELL

Certificate Number

15703



DJR

Venado Canyon

H14 2206

303H

End of Well Report



Scientific Drilling

www.scientificdrilling.com





Company Name: DJR Operating
Project: Venado Canyon Unit
Site: H14 2206 Pad
Well: # 303H
Wellbore: Original Drilling

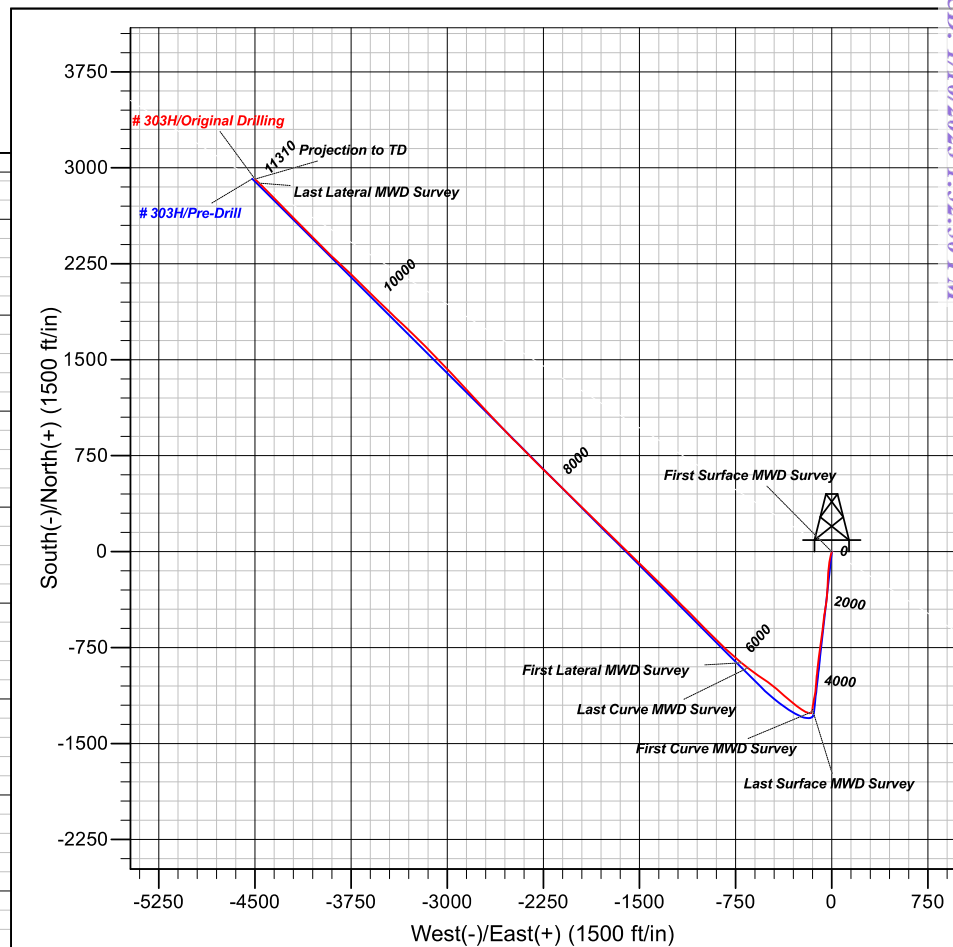
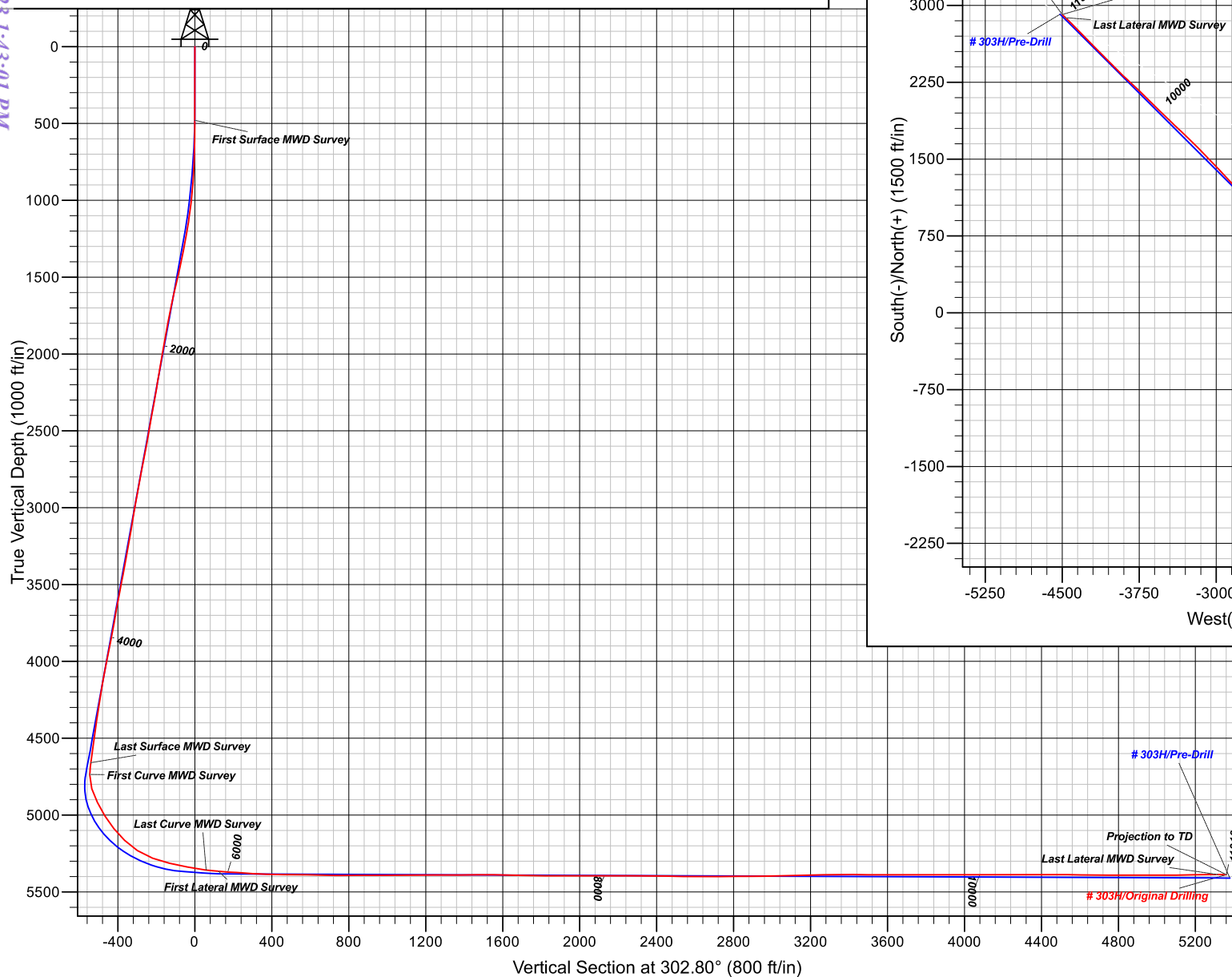


WELL DETAILS: # 303H

GL 7122' & RKB 26' @ 7148ft (H&P 443) 7122

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0	0	1869967.38	2841563.66	36.13853406	-107.43210050

1



Design: Original Drilling (# 303H/Original Drilling)

Created By: Janie Collins Date: 12:15, June 29 2022

PROJECT DETAILS: Venado 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

Venado Canyon Unit

H14 2206 Pad

303H - Slot 1

Original Drilling

Design: Original Drilling

Standard Survey Report

29 June, 2022



www.scientificdrilling.com



Scientific Drilling Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well # 303H - Slot 1
Project:	Venado Canyon Unit	TVD Reference:	GL 7122' & RKB 26' @ 7148ft (H&P 443)
Site:	H14 2206 Pad	MD Reference:	GL 7122' & RKB 26' @ 7148ft (H&P 443)
Well:	# 303H	North Reference:	True
Wellbore:	Original Drilling	Survey Calculation Method:	Minimum Curvature
Design:	Original Drilling	Database:	Grand Junction

Project	Venado Canyon Unit		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Western Zone		

Site	H14 2206 Pad		
Site Position:		Northing:	1,870,046.75 usft
From:	Lat/Long	Easting:	2,841,573.62 usft
Position Uncertainty:	0 ft	Slot Radius:	13.20 in
		Latitude:	36.13875198
		Longitude:	-107.43206567
		Grid Convergence:	0.24 °

Well	# 303H - Slot 1		
Well Position	+N/-S	0 ft	Northing:
	+E/-W	0 ft	Easting:
Position Uncertainty	0 ft	Wellhead Elevation:	ft
		Latitude:	36.13853406
		Longitude:	-107.43210050
		Ground Level:	7122 ft

Wellbore	Original Drilling				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM2022	5/26/2022	8.53	62.68	48,964.30000000

Design	Original Drilling			
Audit Notes:				
Version:	1.0	Phase:	ACTUAL	Tie On Depth:
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0	0	0	302.80

Survey Program	Date	6/29/2022		
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
480	4851	Survey #1 - Surface MWD Survey (Original)	MWD+HDGM	OWSG MWD + HDGM
4931	5886	Survey #2 - Curve MWD Survey (Original)	MWD+HDGM	OWSG MWD + HDGM
5951	11,310	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	
480	0.38	197.64	480	-2	0	0	0.08	0.08	0.00	
542	1.85	201.89	542	-3	-1	-1	2.37	2.37	6.85	
633	4.23	202.74	633	-7	-3	-2	2.62	2.62	0.93	
725	5.73	196.56	725	-15	-5	-3	1.73	1.63	-6.72	
817	7.40	194.81	816	-25	-8	-7	1.83	1.82	-1.90	
908	9.33	191.11	906	-38	-11	-11	2.20	2.12	-4.07	
1001	12.64	187.60	997	-55	-14	-18	3.63	3.56	-3.77	
1092	14.86	188.78	1086	-77	-17	-27	2.46	2.44	1.30	



Scientific Drilling

Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well # 303H - Slot 1
Project:	Venado Canyon Unit	TVD Reference:	GL 7122' & RKB 26' @ 7148ft (H&P 443)
Site:	H14 2206 Pad	MD Reference:	GL 7122' & RKB 26' @ 7148ft (H&P 443)
Well:	# 303H	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)
1181	17.12	188.10	1171	-101	-21	-37	2.55	2.54	-0.76
1271	19.52	186.86	1257	-129	-24	-49	2.70	2.67	-1.38
1362	19.13	186.44	1342	-159	-28	-63	0.45	-0.43	-0.46
1452	19.40	184.69	1427	-188	-31	-76	0.71	0.30	-1.94
1543	19.25	180.45	1513	-218	-32	-91	1.55	-0.16	-4.66
1634	19.13	179.77	1599	-248	-32	-108	0.28	-0.13	-0.75
1726	18.44	184.49	1686	-278	-33	-123	1.81	-0.75	5.13
1816	16.43	181.86	1772	-305	-35	-136	2.40	-2.23	-2.92
1910	17.77	184.81	1862	-332	-36	-150	1.70	1.43	3.14
2005	18.69	188.91	1952	-362	-40	-163	1.66	0.97	4.32
2100	17.23	186.91	2043	-391	-44	-175	1.67	-1.54	-2.11
2195	17.26	187.07	2133	-419	-47	-187	0.06	0.03	0.17
2290	18.57	189.46	2224	-448	-52	-199	1.58	1.38	2.52
2384	19.30	188.35	2313	-478	-56	-212	0.87	0.78	-1.18
2479	18.53	186.21	2403	-508	-60	-225	1.09	-0.81	-2.25
2574	17.80	187.60	2493	-538	-64	-238	0.89	-0.77	1.46
2669	19.28	187.80	2583	-568	-68	-251	1.56	1.56	0.21
2764	18.84	186.43	2673	-599	-72	-264	0.66	-0.46	-1.44
2859	19.00	186.61	2763	-629	-75	-278	0.18	0.17	0.19
2954	17.82	185.88	2853	-659	-78	-291	1.27	-1.24	-0.77
3049	18.28	187.20	2943	-688	-82	-304	0.65	0.48	1.39
3143	18.53	188.55	3032	-718	-86	-317	0.53	0.27	1.44
3238	18.09	189.52	3122	-747	-91	-329	0.56	-0.46	1.02
3333	18.11	186.83	3213	-776	-95	-341	0.88	0.02	-2.83
3428	19.45	187.86	3303	-807	-99	-354	1.45	1.41	1.08
3523	18.26	187.81	3393	-837	-103	-367	1.25	-1.25	-0.05
3617	19.31	184.90	3482	-867	-106	-380	1.50	1.12	-3.10
3713	18.38	186.08	3572	-898	-109	-395	1.05	-0.97	1.23
3808	18.15	187.28	3663	-928	-113	-408	0.46	-0.24	1.26
3902	17.73	187.26	3752	-956	-116	-420	0.45	-0.45	-0.02
3997	18.72	184.06	3842	-986	-119	-434	1.48	1.04	-3.37
4092	17.85	183.76	3932	-1016	-121	-448	0.92	-0.92	-0.32
4187	17.86	184.40	4023	-1045	-123	-462	0.21	0.01	0.67
4282	16.87	185.10	4114	-1073	-126	-476	1.07	-1.04	0.74
4377	18.47	190.07	4204	-1101	-129	-488	2.31	1.68	5.23
4472	17.50	189.11	4294	-1130	-134	-499	1.07	-1.02	-1.01
4567	17.05	190.23	4385	-1158	-139	-510	0.59	-0.47	1.18
4661	15.77	189.89	4475	-1184	-144	-521	1.37	-1.36	-0.36
4756	15.06	189.77	4567	-1209	-148	-531	0.75	-0.75	-0.13
4851	14.00	186.24	4659	-1233	-151	-541	1.45	-1.12	-3.72
4931	15.40	204.46	4736	-1252	-157	-546	6.01	1.75	22.78
5026	16.96	275.22	4828	-1262	-176	-536	19.59	1.64	74.48
5121	21.61	297.61	4918	-1253	-205	-506	9.11	4.89	23.57



Scientific Drilling

Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well # 303H - Slot 1
Project:	Venado Canyon Unit	TVD Reference:	GL 7122' & RKB 26' @ 7148ft (H&P 443)
Site:	H14 2206 Pad	MD Reference:	GL 7122' & RKB 26' @ 7148ft (H&P 443)
Well:	# 303H	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)
5216	25.69	304.38	5005	-1233	-238	-468	5.15	4.29	7.13
5311	33.13	306.65	5088	-1206	-276	-422	7.92	7.83	2.39
5406	39.27	312.28	5164	-1170	-319	-366	7.34	6.46	5.93
5501	51.76	309.40	5231	-1126	-370	-299	13.32	13.15	-3.03
5596	65.02	313.53	5281	-1073	-431	-219	14.44	13.96	4.35
5690	73.32	302.53	5314	-1019	-500	-132	14.04	8.83	-11.70
5785	77.00	305.03	5338	-968	-576	-40	4.63	3.87	2.63
5875	80.06	307.48	5356	-916	-647	48	4.32	3.40	2.72
5886	82.33	308.67	5358	-909	-656	59	23.24	20.64	10.82
5951	84.31	309.55	5366	-868	-706	123	3.33	3.05	1.35
6045	85.13	311.13	5374	-808	-777	216	1.89	0.87	1.68
6139	85.80	313.46	5382	-745	-846	308	2.57	0.71	2.48
6234	88.83	315.37	5386	-678	-914	401	3.77	3.19	2.01
6328	89.43	315.73	5388	-611	-980	493	0.74	0.64	0.38
6418	89.13	315.40	5389	-547	-1043	580	0.50	-0.33	-0.37
6508	87.62	314.87	5391	-483	-1106	668	1.78	-1.68	-0.59
6600	90.44	315.51	5393	-418	-1171	758	3.14	3.07	0.70
6691	90.60	315.31	5392	-353	-1235	847	0.28	0.18	-0.22
6780	89.06	314.36	5392	-290	-1298	934	2.03	-1.73	-1.07
6870	90.74	314.94	5392	-227	-1362	1022	1.97	1.87	0.64
6960	90.74	314.42	5391	-164	-1426	1110	0.58	0.00	-0.58
7050	90.27	313.42	5390	-101	-1491	1198	1.23	-0.52	-1.11
7141	89.97	312.90	5390	-39	-1557	1288	0.66	-0.33	-0.57
7231	90.71	315.42	5390	24	-1622	1376	2.92	0.82	2.80
7323	90.10	315.07	5389	89	-1687	1466	0.76	-0.66	-0.38
7415	89.63	314.52	5389	154	-1752	1556	0.79	-0.51	-0.60
7506	88.32	314.12	5391	217	-1817	1645	1.51	-1.44	-0.44
7596	88.32	313.69	5394	280	-1882	1733	0.48	0.00	-0.48
7687	89.97	315.39	5395	344	-1947	1823	2.60	1.81	1.87
7777	89.80	314.90	5395	407	-2010	1910	0.58	-0.19	-0.54
7868	90.00	314.65	5395	471	-2075	2000	0.35	0.22	-0.27
7960	90.74	314.58	5395	536	-2140	2090	0.81	0.80	-0.08
8050	89.13	313.05	5395	598	-2205	2178	2.47	-1.79	-1.70
8141	89.90	315.11	5395	662	-2271	2267	2.42	0.85	2.26
8231	89.13	315.27	5396	726	-2334	2355	0.87	-0.86	0.18
8322	89.43	315.54	5397	790	-2398	2444	0.44	0.33	0.30
8413	88.62	314.59	5399	855	-2462	2533	1.37	-0.89	-1.04
8503	90.30	316.83	5400	919	-2525	2620	3.11	1.87	2.49
8593	90.00	316.85	5400	985	-2587	2708	0.33	-0.33	0.02
8683	90.67	317.06	5399	1051	-2648	2795	0.78	0.74	0.23
8774	88.93	315.70	5399	1116	-2711	2883	2.43	-1.91	-1.49
8864	91.91	317.49	5399	1182	-2773	2971	3.86	3.31	1.99
8955	92.28	317.57	5395	1249	-2834	3059	0.42	0.41	0.09



Scientific Drilling Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well # 303H - Slot 1
Project:	Venado Canyon Unit	TVD Reference:	GL 7122' & RKB 26' @ 7148ft (H&P 443)
Site:	H14 2206 Pad	MD Reference:	GL 7122' & RKB 26' @ 7148ft (H&P 443)
Well:	# 303H	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)	
9046	91.64	317.15	5392	1316	-2896	3147	0.84	-0.70	-0.46	
9137	92.01	316.77	5389	1382	-2958	3235	0.58	0.41	-0.42	
9228	89.77	316.41	5388	1448	-3020	3323	2.49	-2.46	-0.40	
9317	89.40	315.87	5389	1513	-3082	3410	0.74	-0.42	-0.61	
9407	90.27	315.92	5389	1577	-3145	3498	0.97	0.97	0.06	
9499	89.97	314.80	5389	1643	-3209	3587	1.26	-0.33	-1.22	
9590	89.66	313.81	5389	1706	-3274	3677	1.14	-0.34	-1.09	
9682	90.27	313.70	5389	1770	-3341	3767	0.67	0.66	-0.12	
9773	89.93	312.75	5389	1832	-3407	3856	1.11	-0.37	-1.04	
9863	89.66	314.10	5389	1894	-3473	3945	1.53	-0.30	1.50	
9954	90.57	315.36	5389	1958	-3537	4034	1.71	1.00	1.38	
10,045	90.17	314.78	5388	2022	-3601	4123	0.77	-0.44	-0.64	
10,136	89.73	314.01	5388	2086	-3666	4212	0.97	-0.48	-0.85	
10,226	89.70	313.36	5389	2148	-3732	4300	0.72	-0.03	-0.72	
10,316	90.60	313.65	5389	2210	-3797	4389	1.05	1.00	0.32	
10,406	90.10	312.71	5388	2272	-3862	4477	1.18	-0.56	-1.04	
10,496	89.03	315.34	5389	2334	-3927	4566	3.15	-1.19	2.92	
10,587	89.13	315.17	5390	2399	-3991	4654	0.22	0.11	-0.19	
10,677	89.56	314.99	5391	2463	-4055	4742	0.52	0.48	-0.20	
10,769	91.01	315.46	5391	2528	-4120	4832	1.66	1.58	0.51	
10,860	89.29	314.90	5391	2593	-4184	4921	1.99	-1.89	-0.62	
10,949	89.66	315.50	5391	2656	-4246	5008	0.79	0.42	0.67	
11,044	91.11	315.71	5391	2724	-4313	5101	1.54	1.53	0.22	
11,139	91.41	315.73	5389	2792	-4379	5193	0.32	0.32	0.02	
11,233	90.91	314.87	5387	2858	-4445	5285	1.06	-0.53	-0.91	
11,264	89.09	313.67	5387	2880	-4467	5315	7.03	-5.87	-3.87	
11,310	89.09	313.67	5388	2912	-4501	5360	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
303H 85° Casing	0.00	0.00	5368	-1023	-590	1,868,942.39	2,840,977.76	36.13572497		-107.43409901
- hit/miss target										
- Shape										
- actual wellpath misses target center by 63ft at 5775ft MD (5336 TVD, -974 N, -568 E)										
- Point										
303H Heel Rev 1	0.00	0.00	5383	-869	-760	1,869,095.17	2,840,807.17	36.13614660		-107.43467460
- actual wellpath misses target center by 38ft at 5993ft MD (5370 TVD, -841 N, -738 E)										
- Circle (radius 50)										
303H Toe	0.00	0.00	5410	2914	-4521	1,872,862.76	2,837,030.27	36.14653830		-107.44741460
- actual wellpath misses target center by 31ft at 11310ft MD (5388 TVD, 2912 N, -4501 E)										
- Circle (radius 100)										



Scientific Drilling
Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well # 303H - Slot 1
Project:	Venado Canyon Unit	TVD Reference:	GL 7122' & RKB 26' @ 7148ft (H&P 443)
Site:	H14 2206 Pad	MD Reference:	GL 7122' & RKB 26' @ 7148ft (H&P 443)
Well:	# 303H	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)	
480	480	-2	0	First Surface MWD Survey
4851	4659	-1233	-151	Last Surface MWD Survey
4931	4736	-1252	-157	First Curve MWD Survey
5886	5358	-909	-656	Last Curve MWD Survey
5951	5366	-868	-706	First Lateral MWD Survey
11,264	5387	2880	-4467	Last Lateral MWD Survey
11,310	5388	2912	-4501	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.	Venado Canyon H14 2206 303H
County & State	San Juan, NM
SDI Job No.	OP.034462
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 480 feet to a measured depth of 11,310 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

29-Jun-22

Date

Janie Collins

Colorado District Well Planner
Scientific Drilling International

Well Name: VENADO CANYON UNIT	Well Location: T22N / R6W / SEC 14 / SENE / 36.138534 / -107.432101	County or Parish/State: SANDOVAL / NM
Well Number: 303H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM117562	Unit or CA Name: VENADO CANYON UNIT	Unit or CA Number: NMNM135367X
US Well Number: 3004321404	Well Status: Drilling Well	Operator: DJR OPERATING LLC

Subsequent Report

Sundry ID: 2701642

Type of Submission: Subsequent Report

Date Sundry Submitted: 11/07/2022

Date Operation Actually Began: 09/29/2022

Type of Action: Hydraulic Fracturing

Time Sundry Submitted: 10:53

Actual Procedure: Completion Sundry -9/29/22: PT 4.5" x 7" casing 2k (30min). Full function PT void & seals L750 H5000 (15min). All test good & recorded on chart. Well swap. -10/10/22: Open well, increase pressure. Alpha Sleeve opened at 8555 psi. Well swap. -10/15/22 to 10/18/22: Perf Plug & Frac 18 stages: 3 spf, 0.35" diameter from 5964' to 11235' MD (5366' to 5399' TVD). Total of 630 open holes. As pumped: 32,922 bbls of fluid. 5,545,040 lbs of proppant. 44,798,901 scf of N2. Well swap. -11/3/22: MIRU AWS 812. Full function PT L400 H5000 (30min). All tests good & recorded on chart. -11/4/22: TIH. Drill out plugs. TOH. Change over to tubing tools. PT 2k (5min). Test good & recorded on chart. -11/5/22: RIH with production string. Land 179 jts of 2.875" 6.5# L80 STC tubing. EOT 5889'. Five GLVs set at 2157' – 2881' – 3573' – 4298' – 5023'. TOH. ND BOPE. NU production tree & PT L400 H5000 (30min). Test good & recorded on chart. Turn well over to production. Rig AWS 812 released on 11/5/22.

Well Name: VENADO CANYON UNIT	Well Location: T22N / R6W / SEC 14 / SENE / 36.138534 / -107.432101	County or Parish/State: SANDOVAL / NM
Well Number: 303H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM117562	Unit or CA Name: VENADO CANYON UNIT	Unit or CA Number: NMNM135367X
US Well Number: 3004321404	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: NOV 07, 2022 10:53 AM

Name: DJR OPERATING LLC

Title: Regulatory Specialist

Street Address: 1 Road 3263

City: Aztec

State: NM

Phone: (505) 632-3476

Email address: sford@djrlc.com

Field

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: KENNETH G RENNICK

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5055647742

BLM POC Email Address: krennick@blm.gov

Disposition: Accepted

Disposition Date: 11/08/2022

Signature: Kenneth Rennick



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

Well Completion Print

01/10/2023

Operator Name DJR OPERATING LLC	Well Name VENADO CANYON UNIT	Well Number 303H	US Well Number 3004321404
SHL SENE Sec 14 22N 6W	County SANDOVAL	State NM	Lease Number(s) NMNM117562
Well Type OIL WELL	Well Status Drilling Well	Agreement Name VENADO CANYON UNIT	Agreement Number(s) NMNM135367X, NMNM135367A
Allottee/Tribe Name	Well Pad Name VENADO CANYON UNIT	Well Pad Number 301H, 302H, 303H, 503H	ID 10400065153

[Request for OCD extension of time to file BLM approved Form 3160-4](#)

Section 1 - General

Well Completion Report Id:	Submission Date: 11-30-2022	
BLM Office: Farmington Field Office	User: SHAW-MARIE FORD	Title: Regulatory Specialist
Federal/Indian: FEDERAL	Lease Number: NMNM117562	Lease Acres:
Agreement in place?: YES	Federal or Indian Agreement:	
Agreement Number:	Agreement Name: VENADO	
Keep this Well Completion Report confidential?:		
APD Operator: DJR OPERATING LLC		

Section 2 - Well

Field/Pool or Exploratory:	Pool Name: LYBROOK GALLUP	Field Name: BASIN MANCOS
Well Type: OIL WELL		
Spud Date: 04-20-2022		
Date Total Measured Depth Reached: 06-24-2022		
Drill & Abandon or Ready To Produce: READY TO		
Well Class: HORIZONTAL		

Section 3 - Geologic

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral
OJO ALAMAO	SANDSTONE		0	1311	1327	USEABLE WATER	
KIRTLAND	SHALE		-1460	1460	1483	NONE	

Operator Name DJR OPERATING LLC	Well Name VENADO CANYON UNIT	Well Number 303H	US Well Number 3004321404
SHL SENE Sec 14 22N 6W	County SANDOVAL	State NM	Lease Number(s) NMNM117562
Well Type OIL WELL	Well Status Drilling Well	Agreement Name VENADO CANYON UNIT	Agreement Number(s) NMNM135367X, NMNM135367A ID 10400065153
Allottee/Tribe Name	Well Pad Name VENADO CANYON UNIT	Well Pad Number 301H, 302H, 303H, 503H	

Section 3 - Geologic

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral
FRUITLAND	COAL		-1681	1681	1715	NATURAL GAS	
PICTURED CLIFFS	SANDSTONE		-1876	1876	1919	NONE	
LEWIS	SHALE		-1969	1969	2016	NONE	
CHACRA	SANDSTONE		-2682	2682	2764	NONE	
MENEFEE	COAL, SANDSTONE		-3359	3359	3473	NATURAL GAS	
POINT LOOKOUT	SANDSTONE		-4130	4130	4281	NONE	
MANCOS	SHALE		-4274	4274	4432	NONE	
MANCOS	SILTSTONE		-4634	4634	4809	NATURAL GAS, OIL	
GALLUP	SILTSTONE		-5149	5149	5371	NATURAL GAS, OIL	
GALLUP	SANDSTONE		-5191	5191	5428	NATURAL GAS, OIL	
GALLUP	SANDSTONE		-5279	5279	5566	NATURAL GAS, OIL	
GALLUP	SANDSTONE		-5389	5389	5951	NATURAL GAS, OIL	

Completion and Completed

Operator Name DJR OPERATING LLC	Well Name VENADO CANYON UNIT	Well Number 303H	US Well Number 3004321404
SHL SENE Sec 14 22N 6W	County SANDOVAL	State NM	Lease Number(s) NMNM117562
Well Type OIL WELL	Well Status Drilling Well	Agreement Name VENADO CANYON UNIT	Agreement Number(s) NMNM135367X, NMNM135367A
Allottee/Tribe Name	Well Pad Name VENADO CANYON UNIT	Well Pad Number 301H, 302H, 303H, 503H	ID 10400065153

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	NMNM135367A	NMNM117562	NEW		POW	11-05-2022	11-06-2022	GALLUP	5964	11235	Y	.35	630	OPEN

Treatment Data

Wellbore Code	Completion Code	Interval Number	Interval Treated?	Treatment Type	Total Fluid (bbls)	Total Proppant (lbs)	Treatment Remarks
00	S1	1	Y	FRAC	32922	5545040	Chemical Disclosure uploaded to FracFocus on 11/02/22

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 VENADO CANYON UNIT	Well Number 303H	US Well Number 3004321404
SHL SENE Sec 14 22N 6W	County SANDOVAL	State NM	Lease Number(s) NMNM117562
Well Type OIL WELL	Well Status Drilling Well	Agreement Name VENADO CANYON UNIT	Agreement Number(s) NMNM135367X, NMNM135367A
Allottee/Tribe Name	Well Pad Name VENADO CANYON UNIT	Well Pad Number 301H, 302H, 303H, 503H	ID 10400065153

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	11/08/2022	24	655	1044	439	1593	44/64	308		772

Well Location

Survey Type: RECTANGULAR

Survey Number:

Datum: NAD83

Vertical Datum: NAVD88

Reference Datum: GL

State	Meridian	County	Latitude	Longitude	Elevation (MSL)	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	36.138534	-107.432101	7122	FEDERAL	NMNM117562			2288	FNL	754	FEL	22N	6W	14	SENE
KOP Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SANDOVAL	36.138534	-107.432101	6734	FEDERAL	NMNM117562			2288	FNL	754	FEL	22N	6W	14	SENE
PPP Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SANDOVAL	36.146331	-107.447076	1756	FEDERAL	NMNM117562			448	FSL	1	FEL	22N	6W	10	SESE
PPP Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SANDOVAL	36.145075	-107.445546	1756	FEDERAL	NMNM109385			1	FSL	459	FWL	22N	6W	11	SWNW
PPP Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SANDOVAL	36.13615	-107.434492	1756	FEDERAL	NMNM117562			2194	FSL	1446	FEL	22N	6W	14	NWSE

Operator Name DJR OPERATING LLC	Well Name VENADO CANYON UNIT	Well Number 303H	US Well Number 3004321404
SHL SENE Sec 14 22N 6W	County SANDOVAL	State NM	Lease Number(s) NMNM117562
Well Type OIL WELL	Well Status Drilling Well	Agreement Name VENADO CANYON UNIT	Agreement Number(s) NMNM135367X, NMNM135367A
Allottee/Tribe Name	Well Pad Name VENADO CANYON UNIT	Well Pad Number 301H, 302H, 303H, 503H	ID 10400065153

	State	Meridian	County	Latitude	Longitude	Elevation (MSL)	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
EXIT Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SANDOVAL	36.146451	-107.447225	1756	FEDERAL	NMNM117562				491	FSL	46	FEL	22N	6W	10	SESE
BHL Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SANDOVAL	36.146539	-107.447338	1735	FEDERAL	NMNM117562	5387	11291		522	FSL	80	FEL	22N	6W	10	SESE

Casing, Liner and Tubing

Casing and Liner

Wellbore Code	Casing String Type	Hole Size	Top Setting Depth (MD)	Bottom Setting Depth (MD)	Casing Size	Wt(lbs/ft)	Casing Grade	Describe Other Casing Grade	Joint	Other Joint	Amount Pulled (ft)
00	SURFACE	12.25	0	388	9.625	36	J-55		ST&C		
00	INTERMEDIATE	8.75	0	5921	7.0	26	J-55		LT&C		
00	LINER	6.125	5562	11305	4.5	11.6	P-110		BUTT		

Operator Name DJR OPERATING LLC	Well Name VENADO CANYON UNIT	Well Number 303H	US Well Number 3004321404
SHL SENE Sec 14 22N 6W	County SANDOVAL	State NM	Lease Number(s) NMNM117562
Well Type OIL WELL	Well Status Drilling Well	Agreement Name VENADO CANYON UNIT	Agreement Number(s) NMNM135367X, NMNM135367A
Allottee/Tribe Name	Well Pad Name VENADO CANYON UNIT	Well Pad Number 301H, 302H, 303H, 503H	ID 10400065153

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		G	492	2.25	0	G	147	1.47	4514	235.6
00	LINER		G	619	1.52	5562					167.6

Tubing

Wellbore Code	Tubing Size	Describe Other	Tubing Setting Depth (MD/ft)	Packer Depth (MD/ft)	Tubing Weight	Tubing Grade	Describe Other	Tubing Coupling	Describe Other
00	2.875		5889	5584	6	L-80		ST&C	

Logs

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

Operator Name DJR OPERATING LLC	Well Name VENADO CANYON UNIT	Well Number 303H	US Well Number 3004321404
SHL SENE Sec 14 22N 6W	County SANDOVAL	State NM	Lease Number(s) NMNM117562
Well Type OIL WELL	Well Status Drilling Well	Agreement Name VENADO CANYON UNIT	Agreement Number(s) NMNM135367X, NMNM135367A
Allottee/Tribe Name	Well Pad Name VENADO CANYON UNIT	Well Pad Number 301H, 302H, 303H, 503H	ID 10400065153

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: 12/01/2022

Street Address: 1 Road 3263

City: Aztec

State: NM

Zip: 87410

Phone: (505)632-3476

Email address: sford@djrlc.com

Field

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Extension:

Email address:

Attachments

VENADO_CANYON_UNIT_303H.pdf_20221130105453.pdf

EOW_Certified_DD_Survey_20221130105518.pdf

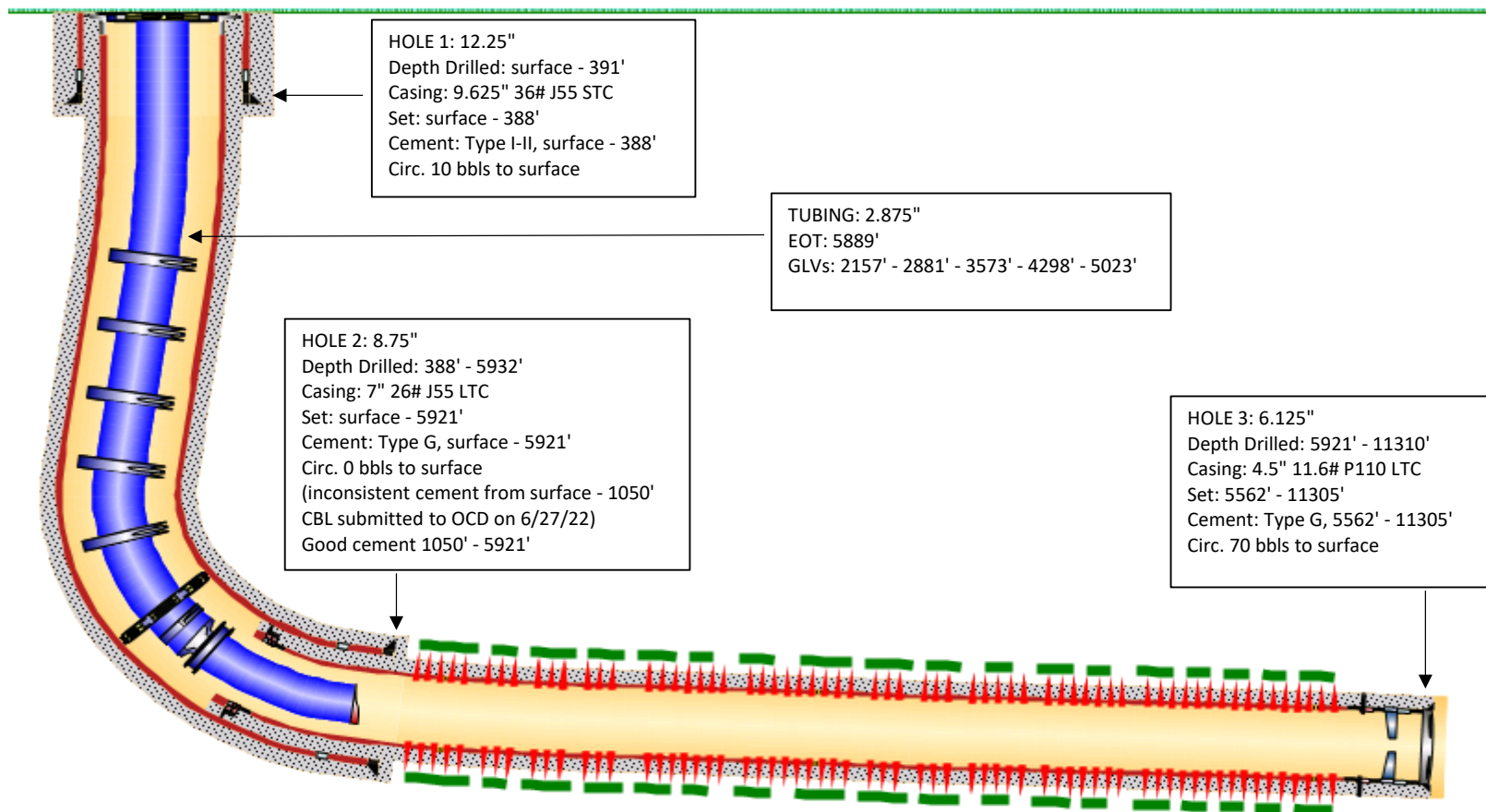
As_Drilled_Plat_WBD_20221130105543.pdf

VENADO CANYON UNIT 303H

API: 30-043-21404
 SHL: SENE H-14-22N-06W
 2288' FNL x 754' FEL

Page 21 of 23
 Elevation: 7122' GL
 Spud Date: 04/20/2022
 Completed Date: 11/05/2022

FORMATION	MD	TVD
Ojo Alamo	1327'	1311'
Kirtland	1483'	1460'
Fruitland	1715'	1681'
Pictured Cliffs	1919'	1876'
Lewis	2016'	1969'
Chacra	2764'	2682'
Menefee	3473'	3359'
Point Lookout	4281'	4130'
Mancos	4432'	4274'
KOP~	4915'	4720'
Gallup	5371'	5149'
Target	5951'	5389'



Perf:	18 Stages	Frac:	18 Stages
Depth:	5964' - 11235' MD	32,922	bbls of fluid
	5366' - 5399' TVD	5,545,040	lbs of proppant
		44,798,901	scf of N2
Total of 630 Open Holes			

(NAD83)	LAT.	LONG.
SHL:	36.138534	-107.432101
FTP:	36.13615	-107.434492
LTP:	36.146451	-107.447225
BHL:	36.146539	-107.447338

BHL: SESE P-10-22N-06W
 522' FSL x 80' FEL

11,310'	TD
5,387'	TVD
11,291'	PBTD
11,268'	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 174785

ACKNOWLEDGMENTS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 174785
	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 174785

CONDITIONS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 174785
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	2/3/2023