

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 30-043-21402	⁵ Pool Name Lybrook Gallup		⁶ Pool Code 42289
⁷ Property Code 325271	⁸ Property Name Venado Canyon Unit		⁹ Well Number 301H

II. ¹⁰ Surface Location

UL or lot no. H	Section 14	Township 22N	Range 06W	Lot Idn	Feet from the 2229'	North/South Line North	Feet from the 747'	East/West line East	County Sandoval
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¹¹ Bottom Hole Location

UL or lot no. L	Section 11	Township 22N	Range 06W	Lot Idn	Feet from the 2025'	North/South line South	Feet from the 114'	East/West line West	County Sandoval
¹² Lse Code F	¹³ Producing Method Code F		¹⁴ Gas Connection Date 11/14/22		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 04/22/22	²² Ready Date 11/01/22	²³ TD 11,379' MD 5,420' TVD	²⁴ PBTD 11,362' MD 5,420' TVD	²⁵ Perforations 5,546'-11,303' MD 5,388'- 5,429' TVD Frac Sleeve @ 11,332'	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set	³⁰ Sacks Cement
12.25		9.625" 36# J55		380'	109
8.75		7" 26# J55		5,679'	673
6.125		4.5" 11.6# P110		TOL: 5,389' BOL: 11,375'	730
		2.875" 6.5# L80 Tubing		5,704'	

V. Well Test Data

³¹ Date New Oil 11/02/22	³² Gas Delivery Date 11/14/22	³³ Test Date 11/03/22	³⁴ Test Length 24	³⁵ Tbg. Pressure 400	³⁶ Csg. Pressure 900
³⁷ Choke Size 40/64	³⁸ Oil 546	³⁹ Water 566	⁴⁰ Gas 1214		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>2/8/2023</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 30-043-21402	² Pool Code 42289	³ Pool Name LYBROOK GALLUP
⁴ Property Code 325271	⁵ Property Name VENADO CANYON UNIT	⁶ Well Number 301H
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		2229	NORTH	747	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
L	11	22-N	6-W		2025	SOUTH	114	WEST	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

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DETAIL:
DEDICATED ACRES

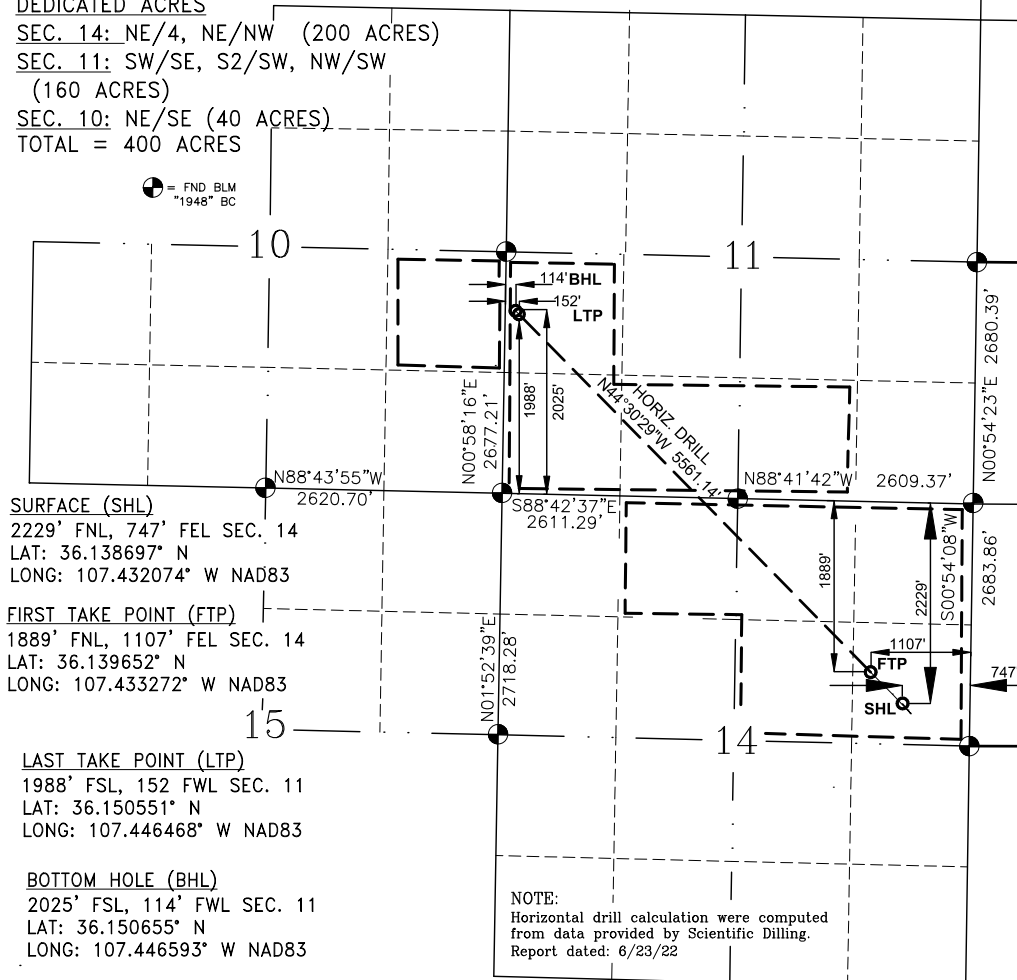
SEC. 14: NE/4, NE/NW (200 ACRES)

SEC. 11: SW/SE, S2/SW, NW/SW
(160 ACRES)

SEC. 10: NE/SE (40 ACRES)

TOTAL = 400 ACRES

● = FND BLM
"1948" BC



SURFACE (SHL)
2229' FNL, 747' FEL SEC. 14
LAT: 36.138697° N
LONG: 107.432074° W NAD83

FIRST TAKE POINT (FTP)
1889' FNL, 1107' FEL SEC. 14
LAT: 36.139652° N
LONG: 107.433272° W NAD83

LAST TAKE POINT (LTP)
1988' FSL, 152' FWL SEC. 11
LAT: 36.150551° N
LONG: 107.446468° W NAD83

BOTTOM HOLE (BHL)
2025' FSL, 114' FWL SEC. 11
LAT: 36.150655° N
LONG: 107.446593° W NAD83

NOTE:
Horizontal drill calculation were computed
from data provided by Scientific Dilling.
Report dated: 6/23/22

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 8, 2022

Date of Survey

Signature and Seal of Professional Surveyor



GLEN W. RUSSELL

Certificate Number

15703

**Directional Survey Certification**

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

Operator	DJR Operating
Well Name & No.	Venado Canyon H14 2206 301H
County & State	San Juan, NM
SDI Job No.	OP.034264
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 450 feet to a measured depth of 11,379 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

23-Jun-22

Date

Janie Collins

Colorado District Well Planner
Scientific Drilling International



DJR

Venado Canyon

H14 2206

301H

End of Well Report



www.scientificdrilling.com



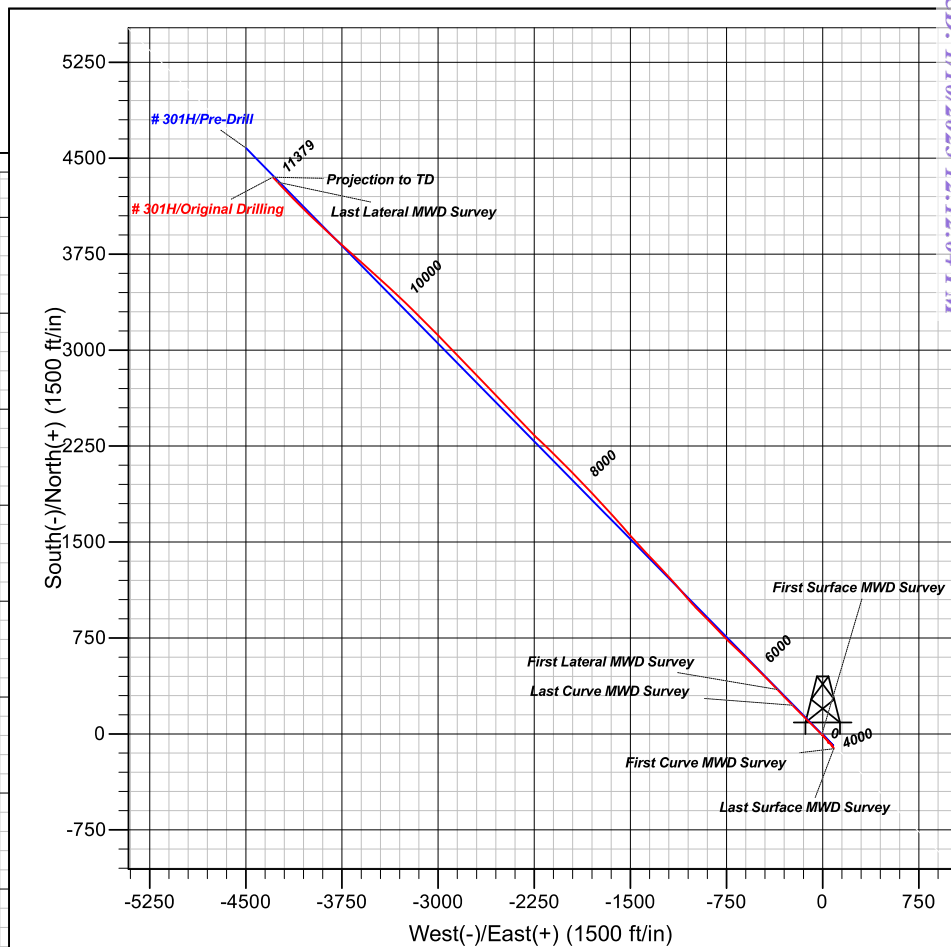
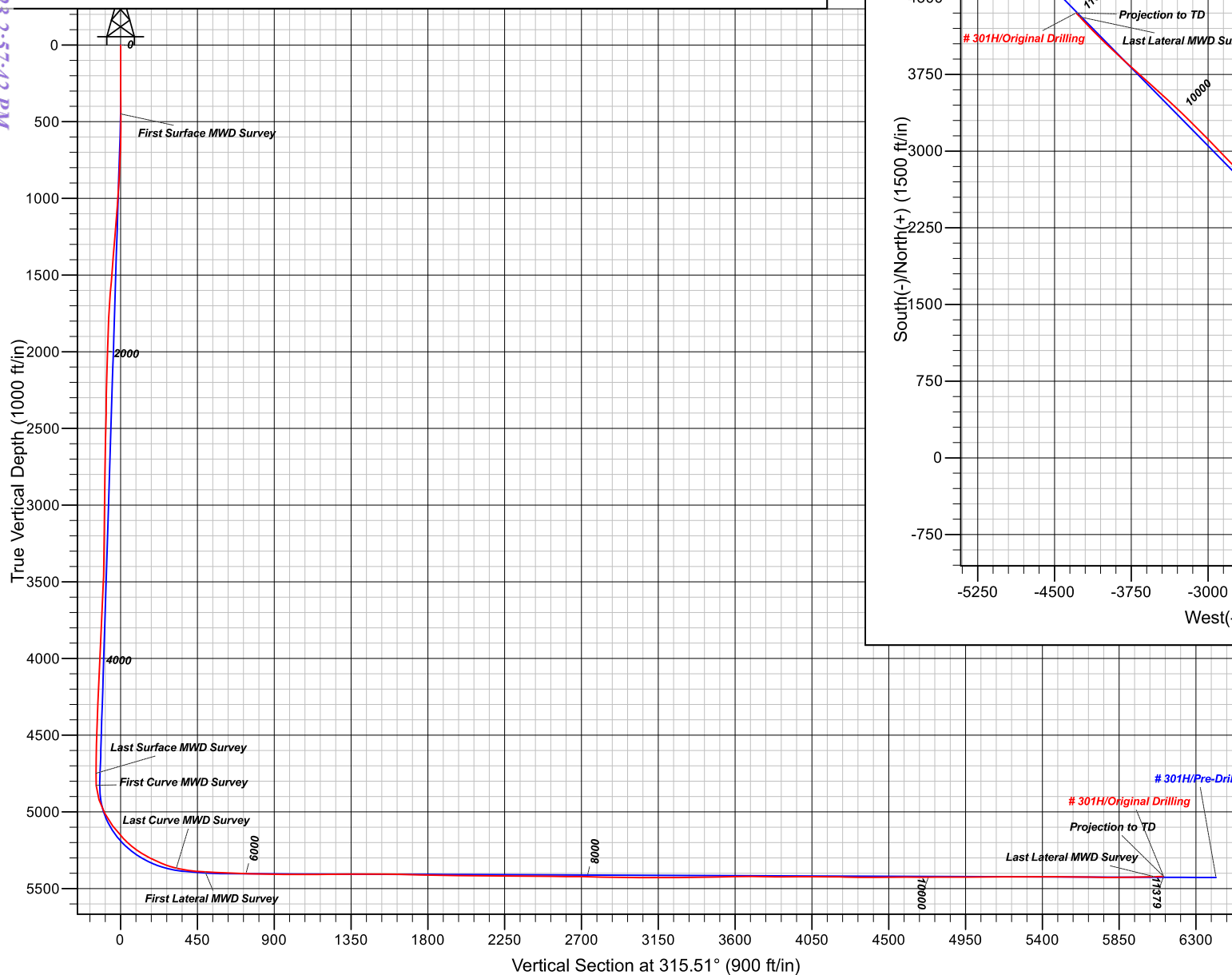
Company Name: DJR Operating
 Project: Venado Canyon Unit
 Site: H14 2206 Pad
 Well: # 301H
 Wellbore: Original Drilling



WELL DETAILS: # 301H

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

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	
0	0	1870026.79	2841571.31	36.13869719	-107.43207377	4



Design: Original Drilling (# 301H/Original Drilling)

Created By: Janie Collins Date: 17:18, June 23 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

301H - Slot 4

Original Drilling

Design: Original Drilling

Standard Survey Report

23 June, 2022



www.scientificdrilling.com





Scientific Drilling Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well # 301H - Slot 4
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:	# 301H	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	# 301H - Slot 4		
Well Position	+N/-S	0 ft	Northing:
	+E/-W	0 ft	Easting:
Position Uncertainty	0 ft	Wellhead Elevation:	ft
		Latitude:	36.13869719
		Longitude:	-107.43207377
		Ground Level:	7122 ft

Wellbore	Original Drilling				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM2022	6/17/2022	8.53	62.67	48,958.40000000

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	315.51	

Survey Program	Date	6/23/2022			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
450	4751	Survey #1 - Surface MWD Survey (Original)	MWD+HDGM	OWSG MWD + HDGM	
4831	5590	Survey #2 - Curve MWD Survey (Original)	MWD+HDGM	OWSG MWD + HDGM	
5761	11,379	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	
450	1.29	251.42	450	-2	-5	2	0.29	0.29	0.00	
542	1.08	138.29	542	-3	-5	2	2.15	-0.23	-122.97	
632	0.88	152.81	632	-4	-4	0	0.35	-0.22	16.13	
725	2.51	138.65	725	-6	-3	-2	1.80	1.75	-15.23	
817	2.60	141.62	817	-9	0	-7	0.17	0.10	3.23	
908	2.84	143.06	908	-13	3	-11	0.27	0.26	1.58	
1001	3.57	138.38	1001	-17	6	-16	0.83	0.78	-5.03	
1091	3.65	137.91	1090	-21	10	-22	0.09	0.09	-0.52	



Scientific Drilling

Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well # 301H - Slot 4
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:	# 301H	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	4.41	140.90	1180	-26	14	-28	0.88	0.84	3.32
1271	4.82	140.76	1270	-31	18	-35	0.46	0.46	-0.16
1362	3.73	133.29	1361	-36	23	-42	1.34	-1.20	-8.21
1452	3.73	137.54	1450	-40	27	-48	0.31	0.00	4.72
1542	4.15	139.69	1540	-45	31	-54	0.49	0.47	2.39
1634	5.18	138.90	1632	-51	36	-61	1.12	1.12	-0.86
1725	2.29	148.95	1723	-55	40	-67	3.24	-3.18	11.04
1815	2.09	173.62	1813	-59	41	-70	1.06	-0.22	27.41
1905	2.39	166.52	1903	-62	41	-73	0.45	0.33	-7.89
2000	2.52	162.69	1997	-66	42	-77	0.22	0.14	-4.03
2095	1.51	116.13	2092	-68	44	-80	1.94	-1.06	-49.01
2189	1.15	136.36	2186	-70	46	-82	0.62	-0.38	21.52
2284	0.54	142.08	2281	-71	47	-83	0.65	-0.64	6.02
2379	0.85	160.03	2376	-72	47	-84	0.39	0.33	18.89
2474	2.51	81.71	2471	-72	50	-86	2.61	1.75	-82.44
2569	1.65	80.34	2566	-72	53	-88	0.91	-0.91	-1.44
2664	1.30	98.94	2661	-71	56	-90	0.62	-0.37	19.58
2758	0.77	88.46	2755	-72	57	-91	0.60	-0.56	-11.15
2853	1.18	115.15	2850	-72	59	-93	0.63	0.43	28.09
2948	0.42	136.50	2945	-73	60	-94	0.85	-0.80	22.47
3043	0.40	204.69	3040	-73	60	-94	0.48	-0.02	71.78
3138	1.13	89.48	3135	-74	61	-95	1.42	0.77	-121.27
3233	0.86	124.77	3230	-74	62	-96	0.69	-0.28	37.15
3328	0.77	120.70	3325	-75	63	-98	0.11	-0.09	-4.28
3422	0.71	178.62	3419	-76	64	-99	0.76	-0.06	61.62
3517	2.36	129.96	3514	-77	66	-101	2.07	1.74	-51.22
3612	2.65	129.27	3609	-80	69	-105	0.31	0.31	-0.73
3707	2.42	142.28	3704	-83	72	-109	0.65	-0.24	13.69
3802	2.06	149.40	3799	-86	74	-113	0.48	-0.38	7.49
3897	2.48	158.07	3894	-89	75	-117	0.57	0.44	9.13
3992	2.73	158.21	3989	-94	77	-121	0.26	0.26	0.15
4087	2.33	155.42	4084	-97	79	-125	0.44	-0.42	-2.94
4182	2.46	150.00	4179	-101	80	-128	0.27	0.14	-5.71
4276	2.17	149.36	4272	-104	82	-132	0.31	-0.31	-0.68
4371	2.23	153.51	4367	-107	84	-136	0.18	0.06	4.37
4466	1.91	154.22	4462	-110	86	-139	0.34	-0.34	0.75
4561	1.34	137.19	4557	-113	87	-141	0.78	-0.60	-17.93
4656	0.58	155.94	4652	-114	88	-143	0.86	-0.80	19.74
4751	1.07	179.48	4747	-115	88	-144	0.62	0.52	24.78
4831	2.10	314.44	4827	-115	87	-143	3.69	1.29	168.70
4926	18.25	327.79	4920	-101	78	-127	17.07	17.00	14.05
5021	24.25	320.45	5009	-73	58	-93	6.90	6.32	-7.73
5116	34.38	314.85	5092	-39	26	-46	11.04	10.66	-5.89



Scientific Drilling

Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well # 301H - Slot 4
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:	# 301H	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)	
5210	40.28	315.41	5166	1	-14	11	6.29	6.28	0.60	
5305	48.69	316.75	5234	49	-60	77	8.91	8.85	1.41	
5400	59.58	314.69	5290	104	-114	154	11.60	11.46	-2.17	
5495	64.38	314.41	5334	163	-174	238	5.06	5.05	-0.29	
5590	75.64	315.35	5367	226	-237	327	11.89	11.85	0.99	
5761	87.62	316.78	5392	347	-354	496	7.05	7.01	0.84	
5856	87.55	315.89	5396	416	-420	591	0.94	-0.07	-0.94	
5950	87.52	315.57	5400	483	-485	685	0.34	-0.03	-0.34	
6044	86.98	314.28	5404	549	-552	779	1.49	-0.57	-1.37	
6138	89.36	314.15	5407	615	-619	872	2.54	2.53	-0.14	
6232	89.43	313.22	5408	680	-687	966	0.99	0.07	-0.99	
6326	90.54	316.22	5408	746	-754	1060	3.40	1.18	3.19	
6421	90.20	316.08	5408	815	-819	1155	0.39	-0.36	-0.15	
6516	90.57	315.71	5407	883	-886	1250	0.55	0.39	-0.39	
6610	90.27	314.26	5406	949	-952	1344	1.58	-0.32	-1.54	
6701	90.77	318.49	5405	1015	-1015	1435	4.68	0.55	4.65	
6791	88.93	319.35	5406	1083	-1074	1525	2.26	-2.04	0.96	
6882	89.43	319.15	5407	1152	-1133	1616	0.59	0.55	-0.22	
6973	87.85	317.63	5409	1220	-1194	1707	2.41	-1.74	-1.67	
7062	88.19	317.10	5412	1285	-1254	1796	0.71	0.38	-0.60	
7152	88.69	316.54	5415	1351	-1316	1886	0.83	0.56	-0.62	
7242	89.66	317.10	5416	1417	-1377	1976	1.24	1.08	0.62	
7333	90.03	317.04	5416	1483	-1439	2067	0.41	0.41	-0.07	
7423	89.29	318.76	5417	1550	-1499	2156	2.08	-0.82	1.91	
7514	89.53	318.61	5418	1618	-1560	2247	0.31	0.26	-0.16	
7606	88.96	317.61	5419	1687	-1621	2339	1.25	-0.62	-1.09	
7697	90.47	317.68	5419	1754	-1682	2430	1.66	1.66	0.08	
7788	88.89	317.51	5420	1821	-1744	2521	1.75	-1.74	-0.19	
7879	89.16	317.07	5421	1888	-1805	2612	0.57	0.30	-0.48	
7969	89.77	317.12	5422	1954	-1867	2702	0.68	0.68	0.06	
8060	88.19	315.27	5424	2020	-1930	2793	2.67	-1.74	-2.03	
8151	88.52	314.88	5426	2084	-1994	2884	0.56	0.36	-0.43	
8243	89.63	314.95	5428	2149	-2059	2976	1.21	1.21	0.08	
8333	89.46	314.41	5429	2212	-2123	3066	0.63	-0.19	-0.60	
8423	89.46	313.49	5429	2275	-2188	3156	1.02	0.00	-1.02	
8513	90.91	315.72	5429	2338	-2252	3246	2.96	1.61	2.48	
8604	91.71	315.81	5427	2403	-2315	3337	0.88	0.88	0.10	
8695	91.24	316.10	5425	2468	-2379	3428	0.61	-0.52	0.32	
8785	90.70	316.13	5423	2533	-2441	3518	0.60	-0.60	0.03	
8875	91.61	316.60	5421	2598	-2503	3608	1.14	1.01	0.52	
8965	88.72	316.20	5421	2664	-2565	3698	3.24	-3.21	-0.44	
9057	88.99	316.19	5423	2730	-2629	3790	0.29	0.29	-0.01	
9146	90.17	315.75	5424	2794	-2691	3879	1.42	1.33	-0.49	



Scientific Drilling

Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well # 301H - Slot 4
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:	# 301H	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)	
9237	90.70	315.81	5423	2859	-2754	3970	0.59	0.58	0.07	
9328	89.09	316.78	5423	2925	-2817	4061	2.07	-1.77	1.07	
9419	90.47	316.93	5424	2991	-2879	4152	1.53	1.52	0.16	
9510	88.46	315.79	5424	3057	-2942	4243	2.54	-2.21	-1.25	
9599	89.09	314.90	5426	3121	-3004	4332	1.22	0.71	-1.00	
9690	90.37	315.29	5427	3185	-3069	4423	1.47	1.41	0.43	
9782	90.81	314.98	5426	3250	-3134	4515	0.59	0.48	-0.34	
9872	90.10	314.29	5425	3313	-3198	4605	1.10	-0.79	-0.77	
9964	89.56	313.62	5425	3377	-3264	4697	0.94	-0.59	-0.73	
10,055	90.91	314.51	5425	3441	-3329	4788	1.78	1.48	0.98	
10,146	89.56	311.71	5425	3503	-3396	4878	3.42	-1.48	-3.08	
10,237	90.07	312.97	5425	3564	-3463	4969	1.49	0.56	1.38	
10,327	90.80	312.82	5424	3625	-3529	5059	0.83	0.81	-0.17	
10,418	89.56	310.48	5424	3686	-3597	5150	2.91	-1.36	-2.57	
10,508	90.47	312.44	5424	3745	-3664	5240	2.40	1.01	2.18	
10,598	90.03	310.78	5423	3805	-3732	5330	1.91	-0.49	-1.84	
10,688	89.40	311.67	5424	3864	-3799	5419	1.21	-0.70	0.99	
10,778	90.37	315.08	5424	3926	-3865	5509	3.94	1.08	3.79	
10,869	90.03	313.48	5424	3990	-3930	5600	1.80	-0.37	-1.76	
10,959	87.89	313.16	5425	4051	-3995	5690	2.40	-2.38	-0.36	
11,051	89.70	315.30	5427	4116	-4061	5782	3.05	1.97	2.33	
11,142	91.01	315.20	5427	4180	-4125	5873	1.44	1.44	-0.11	
11,232	91.37	317.11	5425	4245	-4188	5963	2.16	0.40	2.12	
11,326	91.71	315.70	5422	4313	-4252	6057	1.54	0.36	-1.50	
11,379	91.71	315.70	5421	4351	-4289	6110	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	
301H 85° Casing	0.00	0.00	5388	265	-266	1,870,290.81	2,841,304.17	36.13942549	-107.43297481	
- actual wellpath misses target center by 12ft at 5641ft MD (5378 TVD, 261 N, -272 E)										
- Point										
301H Heel Rev 1	0.00	0.00	5403	426	-424	1,870,451.31	2,841,145.36	36.13986820	-107.43351040	
- actual wellpath misses target center by 8ft at 5867ft MD (5396 TVD, 424 N, -427 E)										
- Circle (radius 50)										
301H Toe	0.00	0.00	5428	4578	-4497	1,874,586.37	2,837,055.54	36.15127290	-107.44730580	
- actual wellpath misses target center by 308ft at 11379ft MD (5421 TVD, 4351 N, -4289 E)										
- Circle (radius 100)										



Scientific Drilling
Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well # 301H - Slot 4
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:	# 301H	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)	
450	450	-2	-5	First Surface MWD Survey
4751	4747	-115	88	Last Surface MWD Survey
4831	4827	-115	87	First Curve MWD Survey
5590	5367	226	-237	Last Curve MWD Survey
5761	5392	347	-354	First Lateral MWD Survey
11,326	5422	4313	-4252	Last Lateral MWD Survey
11,379	5421	4351	-4289	Projection to TD

Checked By: _____ Approved By: _____ Date: _____

Well Name: VENADO CANYON UNIT	Well Location: T22N / R6W / SEC 14 / SENE / 36.138697 / -107.432074	County or Parish/State: SANDOVAL / NM
Well Number: 301H	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: 3004321402	Well Status: Drilling Well	Operator: DJR OPERATING LLC

Subsequent Report

Sundry ID: 2701638

Type of Submission: Subsequent Report Type of Action: Hydraulic Fracturing

Date Sundry Submitted: 11/07/2022 Time Sundry Submitted: 10:50

Date Operation Actually Began: 10/03/2022

Actual Procedure: Completion Sundry -10/3/22: PT 4.5" x 7" casing 2k (30min). Full function PT void & seals L750 H5000 (15min). All tests good & recorded on chart. Well swap. -10/10/22: Open well, increase pressure, Alpha Sleeve opened at 8669 psi. -10/11/22 to 10/18/22: Perf Plug & Frac 19 stages: 3 spf, .35" diameter from 5546' to 11303' MD (5388 to 5429' TVD) Total of 665 open holes. As pumped: 34,767 bbls fluid. 5,804,740 lbs of proppant. 47,774,541 scf of N2. Well swap. -10/29/22: MIRU AWS 812. Full function PT L400 H5000 (30min). All tests good & recorded on chart. -10/30/22 to 10/31/22: TIH. Drill out plugs. TOH. Change over to tubing tools. PT 2k (5min) test good & recorded on chart. -11/1/22: RIH with production string. Land 173 jts of 2.875" 6.5# L80 STC tubing. EOT: 5704'. Five GLVs set at 2125' – 2784' – 3476' – 4167' – 4859'. 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 11/1/22.

Well Name: VENADO CANYON UNIT	Well Location: T22N / R6W / SEC 14 / SENE / 36.138697 / -107.432074	County or Parish/State: SANDOVAL / NM
Well Number: 301H	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: 3004321402	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 10:50 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

11/29/2022

Operator Name DJR OPERATING LLC	Well Name VENADO CANYON UNIT	Well Number 301H	US Well Number 3004321402
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
Allottee/Tribe Name	Well Pad Name VENADO CANYON UNIT	Well Pad Number 301H, 302H, 303H, 503H	ID 10400065138

Section 1 - General

Well Completion Report Id:	Submission Date: 11-28-2022	
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: 04-22-2022		
Date Total Measured Depth Reached: 06-18-2022		
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	1320	1320	USEABLE WATER	
KIRTLAND	SHALE		-1469	1469	1469	NONE	

Operator Name DJR OPERATING LLC	Well Name VENADO CANYON UNIT	Well Number 301H	US Well Number 3004321402
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
Allottee/Tribe Name	Well Pad Name VENADO CANYON UNIT	Well Pad Number 301H, 302H, 303H, 503H	ID 10400065138

Section 3 - Geologic

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral
FRUITLAND	COAL		-1690	1690	1690	NATURAL GAS	
PICTURED CLIFFS	SANDSTONE		-1885	1885	1885	NONE	
LEWIS	SHALE		-1978	1978	1978	NONE	
CHACRA	SANDSTONE		-2691	2691	2691	NONE	
MENEFEE	COAL, SANDSTONE		-3368	3368	3368	NATURAL GAS	
POINT LOOKOUT	SANDSTONE		-4139	4139	4139	NONE	
MANCOS	SHALE		-4283	4283	4283	NONE	
MANCOS	SILTSTONE		-4643	4643	4643	NATURAL GAS, OIL	
GALLUP	SILTSTONE		-5158	5158	5190	NATURAL GAS, OIL	
GALLUP	SANDSTONE		-5200	5200	5245	NATURAL GAS, OIL	
GALLUP	SANDSTONE		-5288	5288	5382	NATURAL GAS, OIL	
GALLUP	SANDSTONE		-5398	5398	5760	NATURAL GAS, OIL	

Completion and Completed

Operator Name DJR OPERATING LLC	Well Name VENADO CANYON UNIT	Well Number 301H	US Well Number 3004321402
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
Allottee/Tribe Name	Well Pad Name VENADO CANYON UNIT	Well Pad Number 301H, 302H, 303H, 503H	ID 10400065138

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	NMNM135367X	NMNM117562	NEW		POW	11-01-2022	11-02-2022	GALLUP	5546	11303	Y	.35	665	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	34767	5804740	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 301H	US Well Number 3004321402
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
Allottee/Tribe Name	Well Pad Name VENADO CANYON UNIT	Well Pad Number 301H, 302H, 303H, 503H	ID 10400065138

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	11/03/2022	24	546	1214	566	2223	40/64	400		900

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	36.138697	-107.432074	7122	FEDERAL	NMNM117562				2229	FNL	747	FEL	22N	6W	14	SENE
KOP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SANDOVAL	36.138697	-107.432074	6737	FEDERAL	NMNM117562				2229	FNL	747	FEL	22N	6W	14	SENE
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SANDOVAL	36.144962	-107.439495	1702	FEDERAL	NMNM109385				1	FSL	2246	FWL	22N	6W	11	SESW
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SANDOVAL	36.139652	-107.433272	1734	FEDERAL	NMNM117562				1889	FNL	1107	FEL	22N	6W	14	SENE
EXIT Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SANDOVAL	36.150551	-107.446468	1702	FEDERAL	NMNM109385				1988	FSL	152	FWL	22N	6W	11	NWSW

Operator Name DJR OPERATING LLC	Well Name VENADO CANYON UNIT	Well Number 301H	US Well Number 3004321402
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
Allottee/Tribe Name	Well Pad Name VENADO CANYON UNIT	Well Pad Number 301H, 302H, 303H, 503H	ID 10400065138

	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
BHL Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SANDOVAL	36.150655	-107.446593	1702	FEDERAL	NMNM109385	5420	11362		2025	FSL	114	FWL	22N	6W	11	NWSW

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	380	9.625	36	J-55		ST&C		
00	INTERMEDIATE	8.75	0	5679	7.0	26	J-55		LT&C		
00	LINER	6.125	5389	11375	4.5	11.6	P-110		BUTT		

Operator Name DJR OPERATING LLC	Well Name VENADO CANYON UNIT	Well Number 301H	US Well Number 3004321402
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
Allottee/Tribe Name	Well Pad Name VENADO CANYON UNIT	Well Pad Number 301H, 302H, 303H, 503H	ID 10400065138

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	530	2.34	0	G	143	1.51	4328	259.3
00	LINER		G	730	1.52	5389					197.6

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		5704	5411	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 VENADO CANYON UNIT	Well Number 301H	US Well Number 3004321402
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
Allottee/Tribe Name	Well Pad Name VENADO CANYON UNIT	Well Pad Number 301H, 302H, 303H, 503H	ID 10400065138

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: 11/28/2022

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

EOW_Certified_DD_Survey_20221128093223.pdf

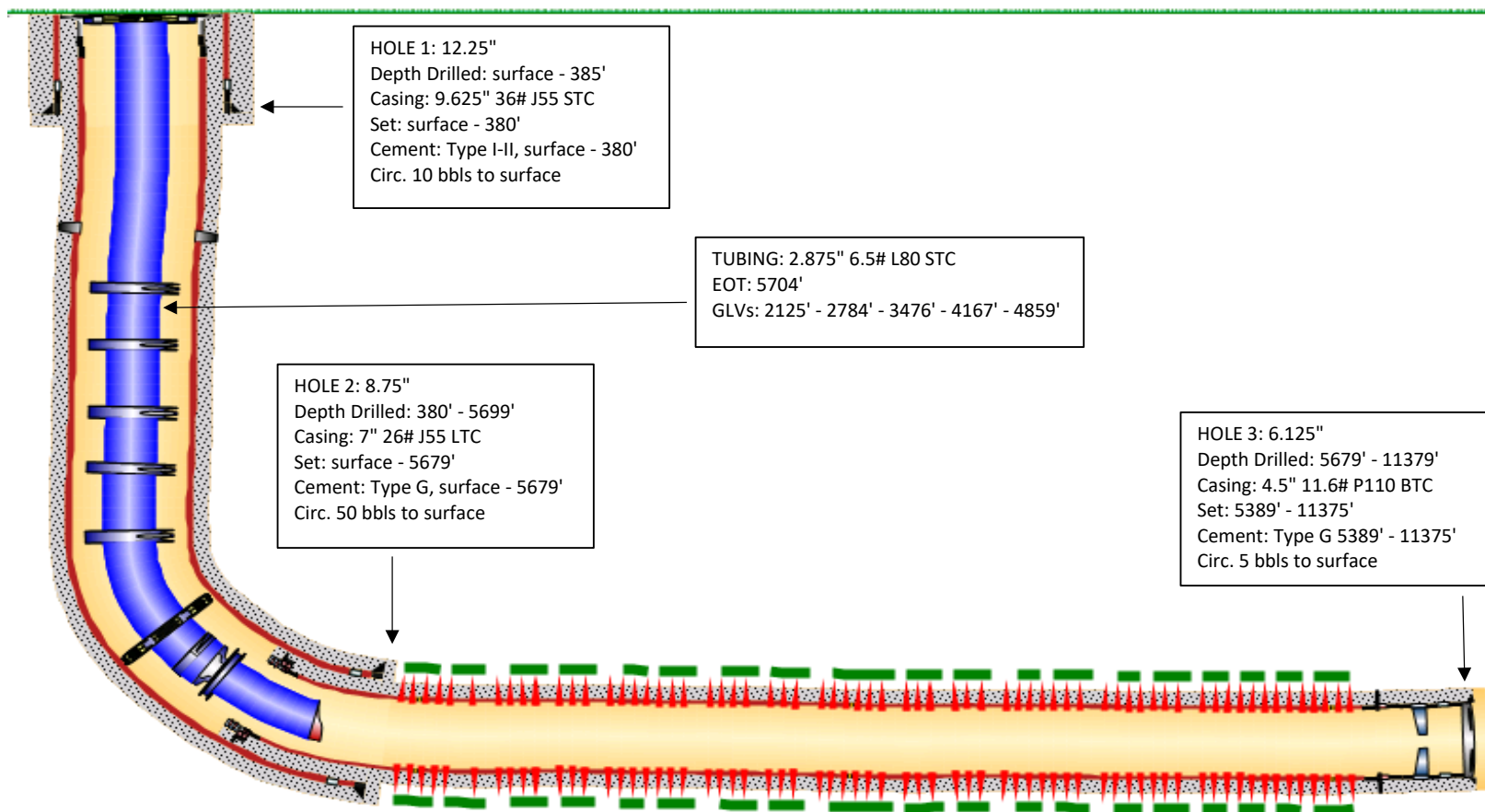
301H_AsDrilled_Plat_WBD_Rev0_20221128093328.pdf

VENADO CANYON UNIT 301H

API: 30-043-21402
 SHL: SENE H-14-22N-06W
 2229' FNL x 747' FEL

Page 21 of 23
 Elevation: 7122' GL
 Spud Date: 04/22/2022
 Completed Date: 11/01/2022

FORMATION	MD	TVD
Ojo Alamo	1320'	1320'
Kirtland	1469'	1469'
Fruitland	1690'	1690'
Pictured Cliffs	1885'	1885'
Lewis	1978'	1978'
Chacra	2691'	2691'
Menefee	3368'	3368'
Point Lookout	4139'	4139'
Mancos	4283'	4283'
KOP~	4821'	4817'
Gallup	5190'	5158'
Target	5760'	5398'



Perf:	19 Stages	Frac:	19 Stages
Depth:	5546' - 11303' MD	34,767	bbls of fluid
	5388' - 5429' TVD	5,804,740	lbs of proppant
		47,774,541	scf of N2
Total of 665 Open Holes			

(NAD83)	LAT.	LONG.
SHL:	36.138697	-107.432074
FTP:	36.139652	-107.433272
LTP:	36.150551	-107.446468
BHL:	36.150655	-107.446593

BHL: NWSW L-11-22N-06W
 2025' FSL x 114' FWL

11,379'	TD
5,420'	TVD
11,362'	PBTD
11,332'	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 174643

ACKNOWLEDGMENTS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 174643
	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 174643

CONDITIONS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 174643
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	2/8/2023