

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

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 200 Energy Court Farmington, NM 87401		² OGRID Number 371838	
		³ Reason for Filing Code/ Effective Date NW	
⁴ API Number 30-043-21401	⁵ Pool Name Lybrook Gallup		⁶ Pool Code 42289
⁷ Property Code 325271	⁸ Property Name Venado Canyon Unit		⁹ Well Number 504H

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
O	11	22N	06W		1212'	South	1321'	East	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
H	10	22N	06W		1341'	North	97'	East	Sandoval
¹² Lse Code F	¹³ Producing Method Code F		¹⁴ Gas Connection Date 2/26/2024		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 6500 Townbridge Drive, El Paso, TX 79905	O
151618	Enterprise Field Services, LLC Post Office Box 4503, Houston, TX 77001	G

IV. Well Completion Data

²¹ Spud Date 9/4/2022	²² Ready Date 2/21/2024	²³ TD 11,058' MD 5,383''TVD	²⁴ PBTD 11,031' MD 5,383' TVD	²⁵ Perforations 5,856'-10,966' MD 5,373'-5,393' TVD FracSleeve @ 10,999'	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement
12.25		9.625'' 36# K55	840'		200
8.75		7'' 26# J55	5,815'		Lead: 490 Tail: 147
6.125		4.5'' 11.6# P110	TOL: 5,573' BOL: 11,053'		472
		2.875'' 6.5# L80 Tubing	5,825'		

V. Well Test Data

³¹ Date New Oil 3/2/2024	³² Gas Delivery Date 2/26/2024	³³ Test Date 3/3/2024	³⁴ Test Length 24	³⁵ Tbg. Pressure 145	³⁶ Csg. Pressure 699
³⁷ Choke Size 64/64	³⁸ Oil 191	³⁹ Water 216	⁴⁰ Gas 358		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> Printed name: Shaw-Marie Ford Title: Regulatory Specialist E-mail Address: sford@enduringresources.com Date: 05/09/2024	Phone: 505-716-3297	OIL CONSERVATION DIVISION	
		Approved by: <i>PATRICIA MARTINEZ</i>	
		Title: <i>PETROLEUM SPECIALIST</i>	
		Approval Date: <i>7/2/2024</i>	

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

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

DISTRICT II
811 S. First St., Artesia, N.M. 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

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

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

☐ AMENDED REPORT
☒ AS-DRILLED

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-043-21401	² Pool Code 42289	³ Pool Name LYBROOK GALLUP
⁴ Property Code 325271	⁵ Property Name VENADO CANYON UNIT	⁶ Well Number 504H
⁷ OGRID No. 371838	⁸ Operator Name DJR OPERATING, LLC	⁹ Elevation 7075

¹⁰ Surface Location

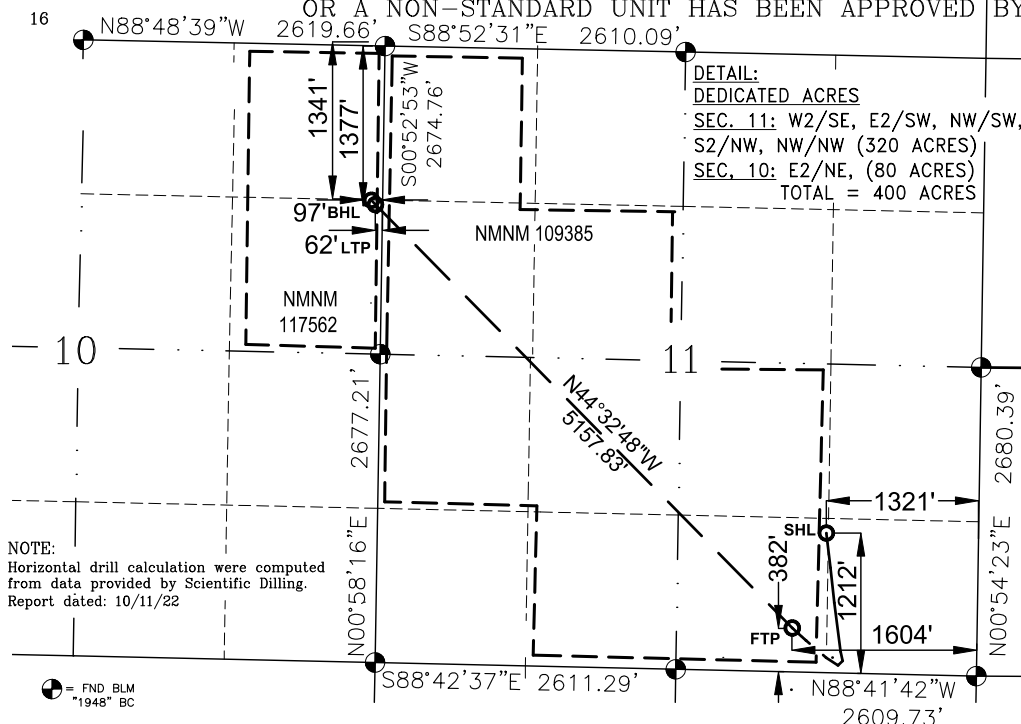
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	11	22-N	6-W		1212	SOUTH	1321	EAST	SANDOVAL

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
H	10	22-N	6-W		1341	NORTH	97	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



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 11/18/22

Signature Date

Shaw-Marie Ford

Printed Name

sford@djrlc.com

E-mail Address

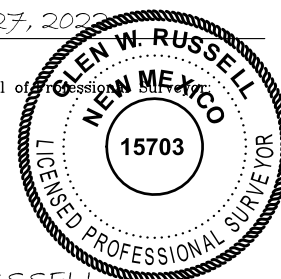
18 SURVEYOR CERTIFICATION

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.

OCTOBER 27, 2022

Date of Survey

Signature and Seal of Profession



GLEN W. RUSSELL

Certificate Number

15703

SURFACE (SHL)
1212' FSL, 1321' FEL SEC. 11
LAT: 36.1481821° N
LONG: 107.4338273° W NAD83

FIRST TAKE POINT (FTP)
382' FSL, 1604' FEL SEC. 11
LAT: 36.145919° N
LONG: 107.434832° W NAD83

LAST TAKE POINT (LTP)
1377' FNL, 62' FEL SEC. 10
LAT: 36.156021° N
LONG: 107.447081° W NAD83

BOTTOM HOLE (BHL)
1341' FNL, 97' FEL SEC. 10
LAT: 36.156123° N
LONG: 107.447199° W NAD83

**Directional Survey Certification**

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

Operator	DJR Operating
Well Name & No.	Venado Canyon O11 2206 504H
County & State	Sandoval, NM
SDI Job No.	OP.035938
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 255 feet to a measured depth of 11,058 feet is true and correct as determined from all available records.

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

Signature

12-Oct-22

Date

Janie Collins

Colorado District Well Planner
Scientific Drilling International



DJR

Venado Canyon

O11 2206

504H

End of Well Report



Scientific Drilling

www.scientificdrilling.com





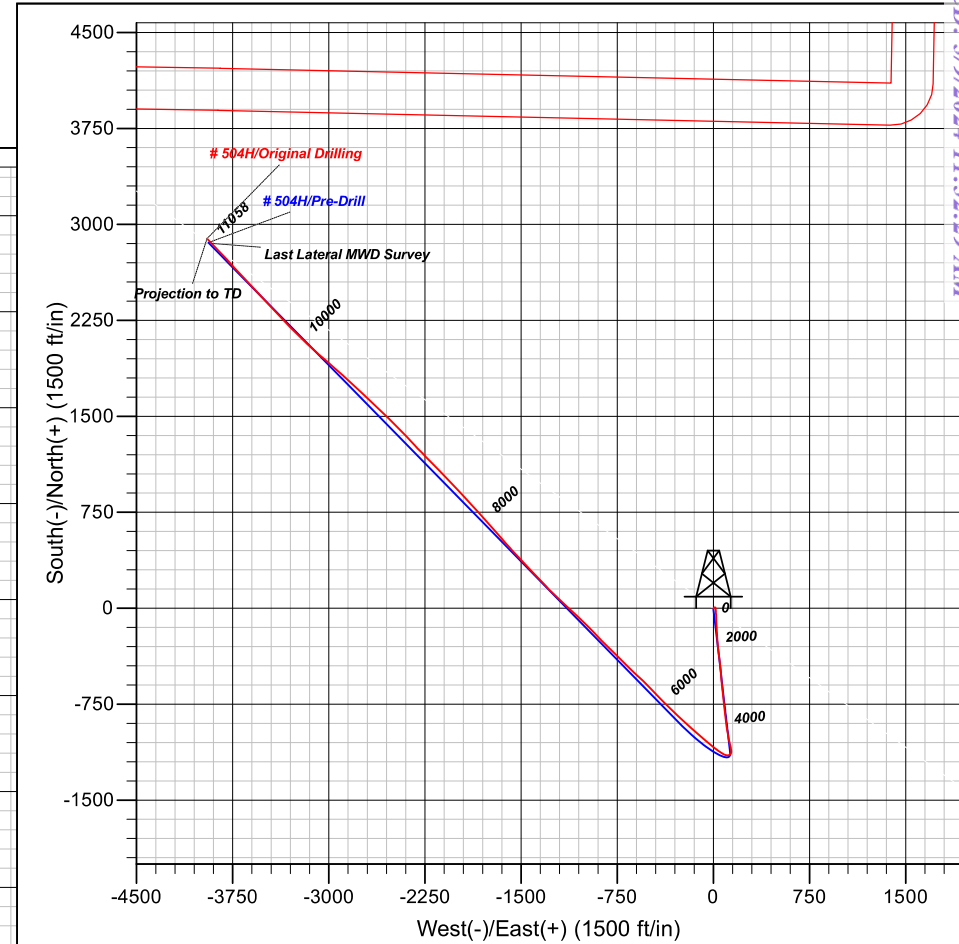
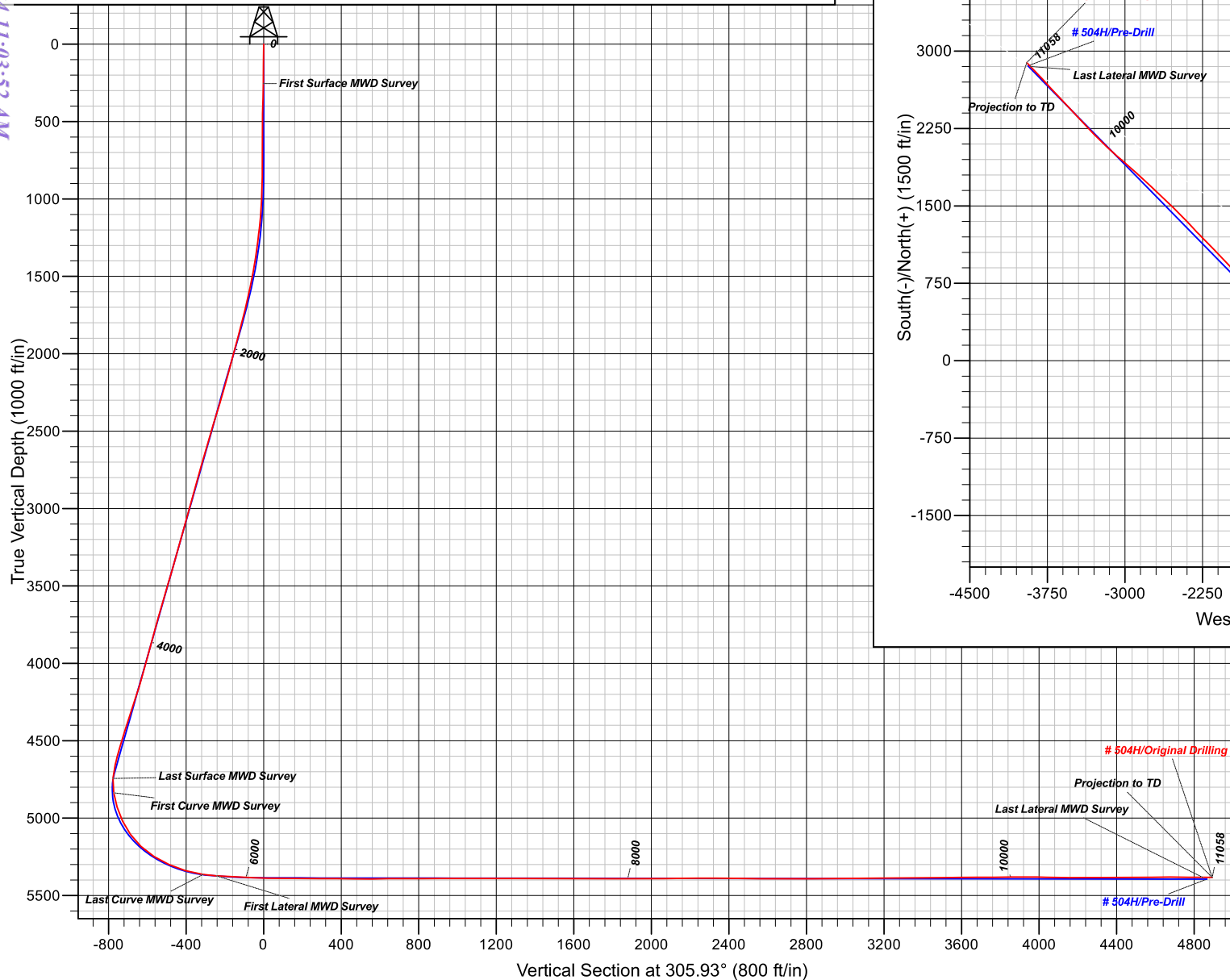
Company Name: DJR Operating
Project: Venado Canyon Unit
Site: O11 2206 Pad
Well: # 504H
Wellbore: Original Drilling



WELL DETAILS: # 504H

GL 7075' & RKB 26' @ 7101ft (H&P 443) 7075

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	
0	0	1873477.35	2841039.34	36.14818210	-107.43382730	3



Design: Original Drilling (# 504H/Original Drilling)

Created By: Janie Collins Date: 8:38, October 12 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

O11 2206 Pad

504H - Slot 3

Original Drilling

Design: Original Drilling

Standard Survey Report

11 October, 2022



www.scientificdrilling.com





Scientific Drilling Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well # 504H - Slot 3
Project:	Venado Canyon Unit	TVD Reference:	GL 7075' & RKB 26' @ 7101ft (H&P 443)
Site:	O11 2206 Pad	MD Reference:	GL 7075' & RKB 26' @ 7101ft (H&P 443)
Well:	# 504H	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	O11 2206 Pad		
Site Position:		Northing:	1,873,443.84 usft
From:	Lat/Long	Easting:	2,841,017.46 usft
Position Uncertainty:	0 ft	Slot Radius:	13.20 in
		Latitude:	36.14809030
		Longitude:	-107.43390190
		Grid Convergence:	0.24 °

Well	# 504H - Slot 3		
Well Position	+N/-S	0 ft	Northing:
	+E/-W	0 ft	Easting:
Position Uncertainty	0 ft	Wellhead Elevation:	ft
		Latitude:	36.14818210
		Longitude:	-107.43382730
		Ground Level:	7075 ft

Wellbore	Original Drilling				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM2022	9/4/2022	8.50	62.67	48,947.30000000
	HDGM2022	9/29/2022	8.50	62.67	48,940.50000000

Design	Original Drilling			
Audit Notes:				
Version:	1.0	Phase:	ACTUAL	Tie On Depth:
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction
	(ft)	(ft)	(ft)	(°)
	0	0	0	305.93

Survey Program	Date	10/11/2022		
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
255	4924	Survey #1 - Surface MWD Survey (Original)	MWD+HDGM	OWSG MWD + HDGM
5019	5775	Survey #2 - Curve MWD Survey (Original)	MWD+HDGM	OWSG MWD + HDGM
5846	11,058	Survey #3 - Lateral MWD Survey (Original)	MWD+HDGM	OWSG MWD + HDGM

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
255	1.89	57.01	255	2	4	-2	0.74	0.74	0.00
347	2.55	60.81	347	4	7	-3	0.73	0.72	4.13
436	1.21	71.11	436	5	9	-4	1.55	-1.51	11.57
527	1.57	68.96	527	6	11	-6	0.40	0.40	-2.36
619	0.54	83.32	619	7	13	-7	1.15	-1.12	15.61
711	0.73	82.97	711	7	14	-7	0.21	0.21	-0.38
793	0.17	227.08	793	7	14	-8	1.07	-0.68	175.74



Scientific Drilling Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well # 504H - Slot 3
Project:	Venado Canyon Unit	TVD Reference:	GL 7075' & RKB 26' @ 7101ft (H&P 443)
Site:	O11 2206 Pad	MD Reference:	GL 7075' & RKB 26' @ 7101ft (H&P 443)
Well:	# 504H	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)
888	0.23	73.36	888	7	14	-8	0.41	0.06	-161.81
978	2.03	155.75	978	5	15	-9	2.24	2.00	91.54
1071	4.27	167.21	1071	0	17	-13	2.49	2.41	12.32
1164	6.55	169.15	1163	-8	18	-20	2.46	2.45	2.09
1256	8.56	174.09	1254	-20	20	-28	2.29	2.18	5.37
1346	10.55	179.16	1343	-35	21	-38	2.40	2.21	5.63
1437	12.19	179.04	1432	-53	21	-48	1.80	1.80	-0.13
1528	14.34	177.40	1521	-74	22	-61	2.40	2.36	-1.80
1620	15.94	176.47	1610	-98	23	-76	1.76	1.74	-1.01
1711	17.22	177.88	1697	-124	24	-92	1.47	1.41	1.55
1803	17.82	176.29	1785	-151	26	-110	0.83	0.65	-1.73
1894	19.03	177.26	1871	-180	27	-128	1.37	1.33	1.07
1989	19.11	177.36	1961	-211	29	-147	0.09	0.08	0.11
2084	17.93	175.94	2051	-241	31	-166	1.33	-1.24	-1.49
2179	18.93	176.18	2141	-271	33	-186	1.06	1.05	0.25
2273	18.58	173.34	2230	-301	36	-206	1.04	-0.37	-3.02
2368	18.23	171.63	2320	-331	39	-226	0.68	-0.37	-1.80
2463	20.36	173.28	2410	-362	44	-248	2.31	2.24	1.74
2558	18.35	172.22	2499	-393	47	-269	2.15	-2.12	-1.12
2652	19.27	173.67	2588	-423	51	-290	1.10	0.98	1.54
2747	19.99	174.50	2678	-455	54	-311	0.81	0.76	0.87
2842	19.56	175.78	2767	-487	57	-332	0.64	-0.45	1.35
2937	18.02	175.43	2857	-518	60	-352	1.63	-1.62	-0.37
3031	17.88	174.72	2947	-547	62	-371	0.28	-0.15	-0.76
3126	18.31	173.42	3037	-576	65	-391	0.62	0.45	-1.37
3220	18.66	173.69	3126	-606	68	-411	0.38	0.37	0.29
3316	18.97	174.52	3217	-636	72	-431	0.43	0.32	0.86
3410	19.04	173.81	3306	-667	75	-452	0.26	0.07	-0.76
3505	17.92	173.84	3396	-697	78	-472	1.18	-1.18	0.03
3600	19.47	173.17	3486	-727	81	-493	1.65	1.63	-0.71
3695	18.97	174.42	3576	-758	85	-514	0.68	-0.53	1.32
3790	18.62	174.10	3666	-789	88	-534	0.38	-0.37	-0.34
3885	19.22	173.59	3755	-819	91	-555	0.66	0.63	-0.54
3980	18.07	174.53	3845	-849	94	-575	1.25	-1.21	0.99
4075	17.68	173.63	3936	-878	97	-594	0.50	-0.41	-0.95
4169	17.31	171.03	4026	-906	101	-614	0.92	-0.39	-2.77
4264	17.84	171.35	4116	-935	105	-634	0.57	0.56	0.34
4359	20.18	169.29	4206	-965	111	-656	2.56	2.46	-2.17
4455	19.46	168.88	4296	-997	117	-680	0.76	-0.75	-0.43
4550	19.28	168.92	4386	-1028	123	-703	0.19	-0.19	0.04
4644	18.59	166.79	4475	-1058	129	-726	1.04	-0.73	-2.27
4739	17.11	169.77	4565	-1086	135	-747	1.83	-1.56	3.14
4829	14.49	163.99	4652	-1110	141	-765	3.39	-2.91	-6.42



Scientific Drilling

Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well # 504H - Slot 3
Project:	Venado Canyon Unit	TVD Reference:	GL 7075' & RKB 26' @ 7101ft (H&P 443)
Site:	O11 2206 Pad	MD Reference:	GL 7075' & RKB 26' @ 7101ft (H&P 443)
Well:	# 504H	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)
4924	13.89	204.53	4744	-1132	139	-777	10.27	-0.63	42.67
5019	14.26	247.22	4836	-1147	124	-773	10.70	0.39	44.94
5114	15.44	283.02	4929	-1149	101	-756	9.59	1.24	37.68
5209	20.29	299.80	5019	-1138	74	-727	7.40	5.11	17.66
5304	29.95	305.86	5105	-1116	40	-687	10.51	10.17	6.38
5398	40.11	309.70	5182	-1082	-2	-633	11.06	10.81	4.09
5493	51.14	309.66	5248	-1039	-54	-566	11.61	11.61	-0.04
5588	60.90	310.49	5301	-988	-114	-487	10.30	10.27	0.87
5682	70.57	312.84	5340	-931	-178	-402	10.54	10.29	2.50
5775	79.72	312.78	5364	-870	-244	-313	9.84	9.84	-0.06
5846	85.40	311.98	5373	-823	-296	-243	8.08	8.00	-1.13
5940	86.61	316.26	5379	-758	-364	-150	4.72	1.29	4.55
6035	86.88	316.34	5385	-689	-429	-57	0.30	0.28	0.08
6116	88.86	315.81	5388	-631	-485	23	2.53	2.44	-0.65
6206	89.36	313.86	5389	-567	-549	112	2.24	0.56	-2.17
6295	89.39	313.15	5390	-506	-614	200	0.80	0.03	-0.80
6385	89.87	314.35	5391	-444	-679	289	1.44	0.53	1.33
6476	89.60	314.95	5391	-380	-743	379	0.72	-0.30	0.66
6566	88.69	314.57	5392	-317	-807	468	1.10	-1.01	-0.42
6656	90.74	316.03	5393	-253	-871	557	2.80	2.28	1.62
6746	91.04	315.87	5391	-188	-933	645	0.38	0.33	-0.18
6836	89.09	313.72	5391	-125	-997	734	3.23	-2.17	-2.39
6926	91.04	314.55	5391	-62	-1062	823	2.35	2.17	0.92
7016	90.07	312.78	5390	0	-1127	912	2.24	-1.08	-1.97
7107	90.47	313.06	5390	62	-1193	1003	0.54	0.44	0.31
7197	89.33	314.32	5390	124	-1258	1092	1.89	-1.27	1.40
7289	90.30	317.10	5390	190	-1323	1183	3.20	1.05	3.02
7380	90.00	315.92	5390	256	-1385	1272	1.34	-0.33	-1.30
7470	90.40	316.93	5390	321	-1447	1360	1.21	0.44	1.12
7560	89.29	317.41	5390	387	-1508	1449	1.34	-1.23	0.53
7650	89.43	317.14	5391	454	-1569	1537	0.34	0.16	-0.30
7740	90.00	319.27	5392	521	-1629	1625	2.45	0.63	2.37
7831	89.63	318.53	5392	589	-1689	1714	0.91	-0.41	-0.81
7921	91.38	319.37	5391	657	-1748	1801	2.16	1.94	0.93
8011	89.50	316.97	5390	724	-1808	1889	3.39	-2.09	-2.67
8101	89.13	316.55	5391	790	-1870	1978	0.62	-0.41	-0.47
8191	91.75	317.81	5391	856	-1931	2066	3.23	2.91	1.40
8281	90.87	317.57	5389	922	-1992	2154	1.01	-0.98	-0.27
8372	90.27	317.01	5388	989	-2053	2243	0.90	-0.66	-0.62
8463	89.50	315.69	5388	1055	-2116	2333	1.68	-0.85	-1.45
8554	89.33	315.89	5389	1120	-2180	2422	0.29	-0.19	0.22
8644	88.36	314.77	5391	1184	-2243	2511	1.65	-1.08	-1.24
8735	89.43	316.12	5392	1249	-2307	2601	1.89	1.18	1.48
8825	90.50	318.00	5393	1315	-2368	2689	2.40	1.19	2.09



Scientific Drilling Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well # 504H - Slot 3
Project:	Venado Canyon Unit	TVD Reference:	GL 7075' & RKB 26' @ 7101ft (H&P 443)
Site:	O11 2206 Pad	MD Reference:	GL 7075' & RKB 26' @ 7101ft (H&P 443)
Well:	# 504H	North Reference:	True
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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)
8917	90.97	316.32	5391	1382	-2431	2779	1.90	0.51	-1.83
9007	90.13	313.56	5390	1446	-2494	2868	3.21	-0.93	-3.07
9097	89.93	313.58	5390	1508	-2560	2957	0.22	-0.22	0.02
9188	90.97	314.68	5390	1571	-2625	3047	1.66	1.14	1.21
9279	90.74	313.90	5388	1635	-2690	3138	0.89	-0.25	-0.86
9371	90.27	312.62	5388	1698	-2757	3229	1.48	-0.51	-1.39
9461	90.74	313.05	5387	1759	-2823	3318	0.71	0.52	0.48
9552	90.37	311.26	5386	1820	-2890	3409	2.01	-0.41	-1.97
9643	91.07	311.29	5385	1880	-2959	3499	0.77	0.77	0.03
9733	90.77	312.01	5383	1940	-3026	3589	0.87	-0.33	0.80
9824	90.47	311.21	5382	2000	-3094	3679	0.94	-0.33	-0.88
9914	89.90	311.89	5382	2060	-3162	3769	0.99	-0.63	0.76
10,005	90.84	314.72	5381	2122	-3228	3859	3.28	1.03	3.11
10,094	89.97	316.77	5381	2186	-3290	3947	2.50	-0.98	2.30
10,184	88.86	315.39	5382	2251	-3352	4035	1.97	-1.23	-1.53
10,275	88.32	316.68	5384	2316	-3415	4125	1.54	-0.59	1.42
10,365	90.54	317.25	5385	2382	-3477	4213	2.55	2.47	0.63
10,459	90.54	316.80	5384	2451	-3541	4305	0.48	0.00	-0.48
10,553	90.27	317.57	5383	2520	-3605	4398	0.87	-0.29	0.82
10,648	90.30	317.46	5383	2590	-3669	4491	0.12	0.03	-0.12
10,743	90.57	316.85	5382	2660	-3734	4584	0.70	0.28	-0.64
10,837	90.17	316.81	5381	2728	-3798	4676	0.43	-0.43	-0.04
10,932	89.70	316.68	5382	2797	-3863	4769	0.51	-0.49	-0.14
11,007	89.26	316.66	5382	2852	-3914	4843	0.59	-0.59	-0.03
11,058	89.26	316.66	5383	2889	-3949	4893	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
504H Casing	0.00	0.00	5371	-870	-294	1,872,606.42	2,840,748.85	36.14579288	-107.43482333
- hit/miss target									
- Shape									
- actual wellpath misses target center by 33ft at 5813ft MD (5369 TVD, -845 N, -272 E)									
- Point									
504H Heel Rev 1	0.00	0.00	5386	-712	-461	1,872,763.14	2,840,580.99	36.14622530	-107.43538970
- actual wellpath misses target center by 39ft at 6041ft MD (5385 TVD, -685 N, -433 E)									
- Circle (radius 50)									
504H Toe	0.00	0.00	5394	2857	-3938	1,876,318.24	2,837,089.22	36.15603010	-107.44716840
- actual wellpath misses target center by 27ft at 11007ft MD (5382 TVD, 2852 N, -3914 E)									
- Circle (radius 100)									



Scientific Drilling
Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well # 504H - Slot 3
Project:	Venado Canyon Unit	TVD Reference:	GL 7075' & RKB 26' @ 7101ft (H&P 443)
Site:	O11 2206 Pad	MD Reference:	GL 7075' & RKB 26' @ 7101ft (H&P 443)
Well:	# 504H	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)	
255	255	2	4	First Surface MWD Survey
4924	4744	-1132	139	Last Surface MWD Survey
5019	4836	-1147	124	First Curve MWD Survey
5775	5364	-870	-244	Last Curve MWD Survey
5846	5373	-823	-296	First Lateral MWD Survey
11,007	5382	2852	-3914	Last Lateral MWD Survey
11,058	5383	2889	-3949	Projection to TD

Checked By: _____ Approved By: _____ Date: _____

Well Name: VENADO CANYON UNIT	Well Location: T22N / R6W / SEC 11 / SWSE / 36.1481821 / -107.4338273	County or Parish/State: SANDOVAL / NM
Well Number: 504H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM109385	Unit or CA Name: VENADO CANYON UNIT	Unit or CA Number: NMNM135367A
US Well Number: 3004321401	Well Status: Drilling Well	Operator: DJR OPERATING LLC

Subsequent Report

Sundry ID: 2777597

Type of Submission: Subsequent Report

Type of Action: Hydraulic Fracturing

Date Sundry Submitted: 03/01/2024

Time Sundry Submitted: 02:23

Date Operation Actually Began: 02/07/2024

Actual Procedure: Completion Sundry 2/7 to 2/10/24: PT 4.5" x 7" annulus 2k (10min). PT 4.5" casing 7500 (15min). PT void seals L400 H5000. All tests good & recorded on chart. Perf, Plug & Frac 20 stages: 2 spf, .35" diameter from 10966' to 5856' MD (5373' to 5393' TVD). Total of 410 open holes. As pumped: 31,404 bbls of fluid. 5,429,691 lbs of proppant. 13,417,409 bbls of N2 foam. 2/18/24: MIRU AWS #812. NU BOPE. Full function PT L250 H3000. All tests good & recorded on chart. TIH. Drill out plugs. TOH. 2/21/24: Change over to tubing tools. PT L250 H3000 (15min) test good & recorded on chart. RIH with production string. Land 177 jts of 2.875" 6.5# L80 EUE tubing EOT: 5825'. Eight GLVs set at 1354', 1910', 2438', 2964', 3490', 4049', 4572', 5069'. NoGo at 5792'. TOH. ND BOPE. NU production tree & PT H5000 (30min) test good & recorded on chart. Turn well over to production. Rig AWS #812 released on 2/22/2024. Chemical Disclosure uploaded to FracFocus on 2/29/24.

Well Name: VENADO CANYON UNIT	Well Location: T22N / R6W / SEC 11 / SWSE / 36.1481821 / -107.4338273	County or Parish/State: SANDOVAL / NM
Well Number: 504H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM109385	Unit or CA Name: VENADO CANYON UNIT	Unit or CA Number: NMNM135367A
US Well Number: 3004321401	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: MAR 01, 2024 02:23 PM

Name: DJR OPERATING LLC

Title: Regulatory Specialist

Street Address: 1 ROAD 3263

City: AZTECState: NM

Phone: (505) 632-3476

Email address: SFORD@DJRLLC.COM

Field

Representative Name:

Street Address:

City:State:Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: MATTHEW H KADE

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5055647736

BLM POC Email Address: MKADE@BLM.GOV

Disposition: Accepted

Disposition Date: 03/01/2024

Signature: Matthew Kade



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

Well Completion Print

03/20/2024

Operator Name DJR OPERATING LLC	Well Name VENADO CANYON UNIT	Well Number 504H	US Well Number 3004321401
SHL SWSE Sec 11 22N 6W	County SANDOVAL	State NM	Lease Number(s) NMNM109385
Well Type OIL WELL	Well Status Producing Gas Well	Agreement Name VENADO CANYON UNIT	Agreement Number(s) NMNM135367A
Allottee/Tribe Name	Well Pad Name VENADO CANYON UNIT	Well Pad Number 504H, 505H, 506H, 507H, 508H, 509H	APD ID 10400065009

Section 1 - General

Well Completion Report Id: 91338**Submission Date:** 03-18-2024**BLM Office:** Farmington Field Office**User:** SHAW-MARIE FORD**Title:** Regulatory Specialist**Federal/Indian:** FEDERAL**Lease Number:** NMNM109385**Lease Acres:****Agreement in place?:** YES**Federal or Indian Agreement:** FEDERAL**Agreement Number:****Agreement Name:** VENADO**Additional Information****Keep this Well Completion Report confidential?:** YES**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:** 09-04-2022**Date Total Measured Depth Reached:** 09-29-2022**Drill & Abandon or Ready To Produce:** READY TO PRODUCE**Well Class:** HORIZONTAL

Operator Name DJR OPERATING LLC	Well Name VENADO CANYON UNIT	Well Number 504H	US Well Number 3004321401
SHL SWSE Sec 11 22N 6W	County SANDOVAL	State NM	Lease Number(s) NMNM109385
Well Type OIL WELL	Well Status Producing Gas Well	Agreement Name VENADO CANYON UNIT	Agreement Number(s) NMNM135367A
Allottee/Tribe Name	Well Pad Name VENADO CANYON UNIT	Well Pad Number 504H, 505H, 506H, 507H, 508H, 509H	APD ID 10400065009

Section 3 - Geologic

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral
OJO ALAMAO	SANDSTONE		0	1289	1301	USEABLE WATER	
KIRTLAND	SHALE		-1438	1438	1456	NONE	
FRUITLAND	COAL		-1659	1659	1686	NATURAL GAS	
PICTURED CLIFFS	SANDSTONE		-1854	1854	1888	USEABLE WATER	
LEWIS	SHALE		-1947	1947	1985	NONE	
CHACRA	SANDSTONE		-2660	2660	2726	NONE	
MENEFEE	COAL, SANDSTONE		-3337	3337	3429	NATURAL GAS	
POINT LOOKOUT	SANDSTONE		-4108	4108	4231	NONE	
MANCOS	SHALE		-4252	4252	4380	NATURAL GAS, OIL	
MANCOS	SILTSTONE		-4612	4612	4754	NATURAL GAS, OIL	
GALLUP	SILTSTONE		-5127	5127	5309	NATURAL GAS, OIL	
GALLUP	SANDSTONE		-5169	5169	5366	NATURAL GAS, OIL	
GALLUP	SANDSTONE		-5257	5257	5503	NATURAL GAS, OIL	
GALLUP	SANDSTONE		-5367	5367	5884	NATURAL GAS, OIL	

Operator Name DJR OPERATING LLC	Well Name VENADO CANYON UNIT	Well Number 504H	US Well Number 3004321401
SHL SWSE Sec 11 22N 6W	County SANDOVAL	State NM	Lease Number(s) NMNM109385
Well Type OIL WELL	Well Status Producing Gas Well	Agreement Name VENADO CANYON UNIT	Agreement Number(s) NMNM135367A
Allottee/Tribe Name	Well Pad Name VENADO CANYON UNIT	Well Pad Number 504H, 505H, 506H, 507H, 508H, 509H	APD ID 10400065009

Completion and Completed

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	NMNM109385	NEW		POW	02-21-2024	02-26-2024	GALLUP	5856	10966	Y	.35	410	OPEN

Treatment Data

Wellbore Code	Completion Code	Interval Number	Interval Treated?	Treatment Type	Totle Fluid (bbls)	Total Proppant (lbs)	Treatment Remarks
00	S1	1	Y	FRAC	31404	5429691	Chemical Disclosure uploaded to FracFocus on 02/29/2024.

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 504H	US Well Number 3004321401
SHL SWSE Sec 11 22N 6W	County SANDOVAL	State NM	Lease Number(s) NMNM109385
Well Type OIL WELL	Well Status Producing Gas Well	Agreement Name VENADO CANYON UNIT	Agreement Number(s) NMNM135367A
Allottee/Tribe Name	Well Pad Name VENADO CANYON UNIT	Well Pad Number 504H, 505H, 506H, 507H, 508H, 509H	APD ID 10400065009

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	03/03/2024	24	191	358	216	1874	64/64	145		633

Well Location

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

	State	Meridian	County	Latitude	Longitude	Elevation (MSL)	MD (ft)	TVD (ft)	Lease Type	Lease Number	Plug TVD (ft)	Plug MD (ft)	Plug Type	NS-Foot	NS-Indicator	EW-Foot	EW-Indicator	Township	Range	Section	Aliquot/Lot/Tract
SHL	NEW MEXICO	NEW MEXICO PRINCIPAL	SANDOVAL	36.1481821	-107.4338273	7075	N/A	N/A	FEDERAL	NMNM109385				1212	FSL	1321	FEL	22N	6W	11	SWSE
KOP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SANDOVAL	36.1481821	-107.4338273	6225	850	850	FEDERAL	NMNM109385				1212	FSL	1321	FEL	22N	6W	11	SWSE
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SANDOVAL	36.145919	-107.434832	1707	5804	5368	FEDERAL	NMNM109385				382	FSL	1604	FEL	22N	6W	11	SWSE
EXIT Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SANDOVAL	36.156021	-107.447081	1692	11058	5383	FEDERAL	NMNM117562				1377	FNL	62	FEL	22N	6W	10	SENE

Operator Name DJR OPERATING LLC	Well Name VENADO CANYON UNIT	Well Number 504H	US Well Number 3004321401
SHL SWSE Sec 11 22N 6W	County SANDOVAL	State NM	Lease Number(s) NMNM109385
Well Type OIL WELL	Well Status Producing Gas Well	Agreement Name VENADO CANYON UNIT	Agreement Number(s) NMNM135367A
Allottee/Tribe Name	Well Pad Name VENADO CANYON UNIT	Well Pad Number 504H, 505H, 506H, 507H, 508H, 509H	APD ID 10400065009

	State	Meridian	County	Latitude	Longitude	Elevation (MSL)	MD (ft)	TVD (ft)	Lease Type	Lease Number	Plug TVD (ft)	Plug MD (ft)	Plug Type	NS-Foot	NS-Indicator	EW-Foot	EW-Indicator	Township	Range	Section	Aliquot/Lot/Tract
BHL Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SANDOVAL	36.156123	-107.447199	1692	11058	5383	FEDERAL	NMNM117562	5383	11031		1341	FNL	97	FEL	22N	6W	10	SENE

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	840	9.625	36	K-55		ST&C		
00	INTERMEDIATE	8.75	0	5815	7.0	26	K-55		LT&C		
00	LINER	6.125	5573	11053	4.5	11.6	P-110		BUTT		

Operator Name DJR OPERATING LLC	Well Name VENADO CANYON UNIT	Well Number 504H	US Well Number 3004321401
SHL SWSE Sec 11 22N 6W	County SANDOVAL	State NM	Lease Number(s) NMNM109385
Well Type OIL WELL	Well Status Producing Gas Well	Agreement Name VENADO CANYON UNIT	Agreement Number(s) NMNM135367A
Allottee/Tribe Name	Well Pad Name VENADO CANYON UNIT	Well Pad Number 504H, 505H, 506H, 507H, 508H, 509H	APD ID 10400065009

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	200	1.61	0					57.3
00	INTERME DIATE		III	490	2.34	0	Poz/G	147	1.5	4401	243.5
00	LINER		Poz/G	472	1.56	5573					131.1

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		5825	5594	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 504H	US Well Number 3004321401
SHL SWSE Sec 11 22N 6W	County SANDOVAL	State NM	Lease Number(s) NMNM109385
Well Type OIL WELL	Well Status Producing Gas Well	Agreement Name VENADO CANYON UNIT	Agreement Number(s) NMNM135367A
Allottee/Tribe Name	Well Pad Name VENADO CANYON UNIT	Well Pad Number 504H, 505H, 506H, 507H, 508H, 509H	APD ID 10400065009

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:** 03/20/2024

Street Address: 1 ROAD 3263

City: AZTEC **State:** NM **Zip:** 87410

Phone: (505)632-3476

Email address: SFORD@ENDURINGRESOURCES.COM

Field

Representative Name:

Street Address:

City: **State:** **Zip:**

Phone: **Extension:**

Email address:

Attachments

- 504H_As_Drilled_WBD_20240318131246.pdf
- WCR_and_Log_BLM_Submittal_Rev1_20240320084022.pdf

Shaw Ford

From: blm-afmss-notifications@blm.gov
Sent: Wednesday, March 20, 2024 9:49 AM
To: Shaw Ford
Subject: Well Name: VENADO CANYON UNIT, Well Number: 504H, Notification of Well Completion Acceptance

The Bureau of Land Management

Notice of Acceptance for Well Completion Report

- Operator Name: **DJR OPERATING LLC**
- Well Name: **VENADO CANYON UNIT**
- Well Number: **504H**
- US Well Number: **3004321401**
- Well Completion Report Id: **WCR2024032091338**

This notification is automatically generated. Please do not reply to this message as this account is not monitored.



DJR

Venado Canyon

O11 2206

504H

End of Well Report



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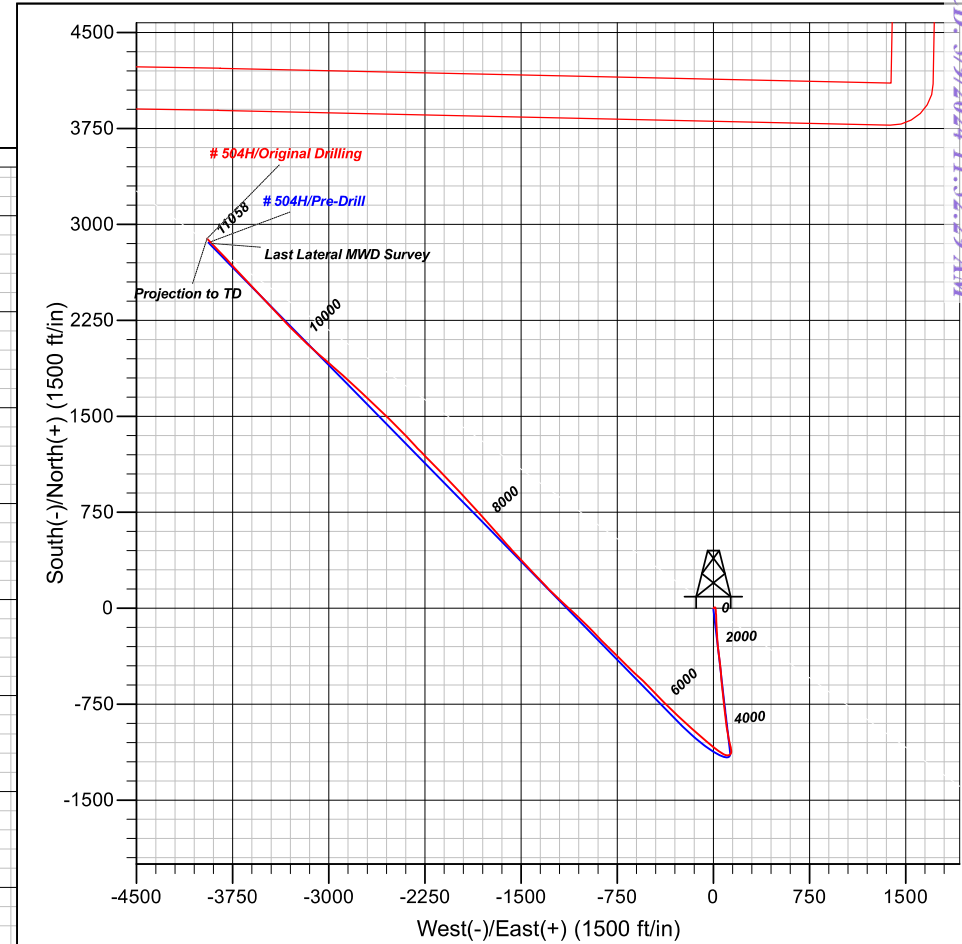
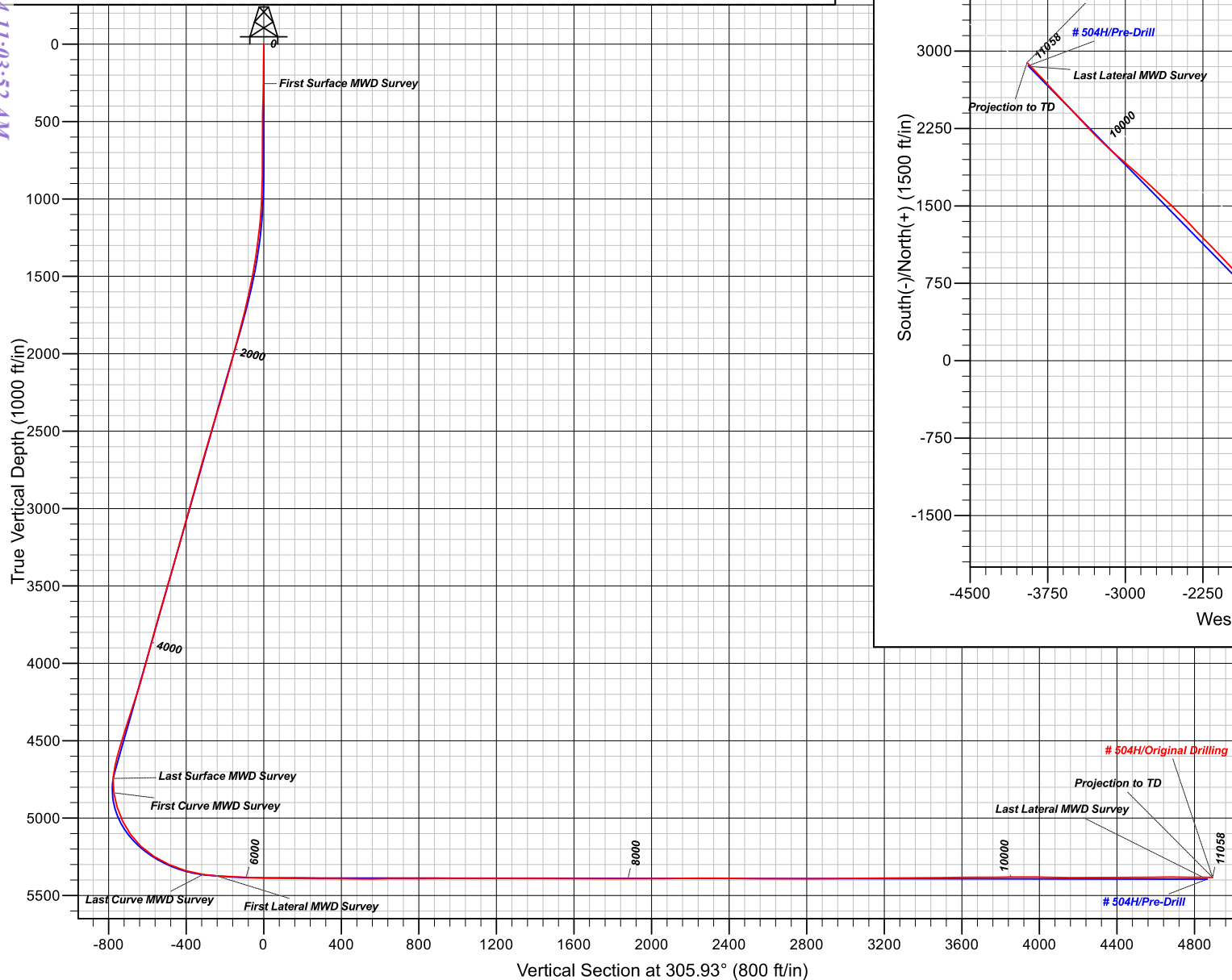
Company Name: DJR Operating
Project: Venado Canyon Unit
Site: O11 2206 Pad
Well: # 504H
Wellbore: Original Drilling



WELL DETAILS: # 504H

GL 7075' & RKB 26' @ 7101ft (H&P 443) 7075

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	
0	0	1873477.35	2841039.34	36.14818210	-107.43382730	3



Design: Original Drilling (# 504H/Original Drilling)

Created By: Janie Collins Date: 8:38, October 12 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

O11 2206 Pad

504H - Slot 3

Original Drilling

Design: Original Drilling

Standard Survey Report

11 October, 2022



www.scientificdrilling.com





Scientific Drilling Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well # 504H - Slot 3
Project:	Venado Canyon Unit	TVD Reference:	GL 7075' & RKB 26' @ 7101ft (H&P 443)
Site:	O11 2206 Pad	MD Reference:	GL 7075' & RKB 26' @ 7101ft (H&P 443)
Well:	# 504H	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	O11 2206 Pad		
Site Position:		Northing:	1,873,443.84 usft
From:	Lat/Long	Easting:	2,841,017.46 usft
Position Uncertainty:	0 ft	Slot Radius:	13.20 in
		Latitude:	36.14809030
		Longitude:	-107.43390190
		Grid Convergence:	0.24 °

Well	# 504H - Slot 3		
Well Position	+N/-S	0 ft	Northing: 1,873,477.35 usft
	+E/-W	0 ft	Easting: 2,841,039.34 usft
Position Uncertainty	0 ft	Wellhead Elevation:	ft
		Latitude:	36.14818210
		Longitude:	-107.43382730
		Ground Level:	7075 ft

Wellbore	Original Drilling				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM2022	9/4/2022	8.50	62.67	48,947.30000000
	HDGM2022	9/29/2022	8.50	62.67	48,940.50000000

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	305.93

Survey Program	Date	10/11/2022		
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
255	4924	Survey #1 - Surface MWD Survey (Original)	MWD+HDGM	OWSG MWD + HDGM
5019	5775	Survey #2 - Curve MWD Survey (Original)	MWD+HDGM	OWSG MWD + HDGM
5846	11,058	Survey #3 - Lateral MWD Survey (Original)	MWD+HDGM	OWSG MWD + HDGM

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
255	1.89	57.01	255	2	4	-2	0.74	0.74	0.00
347	2.55	60.81	347	4	7	-3	0.73	0.72	4.13
436	1.21	71.11	436	5	9	-4	1.55	-1.51	11.57
527	1.57	68.96	527	6	11	-6	0.40	0.40	-2.36
619	0.54	83.32	619	7	13	-7	1.15	-1.12	15.61
711	0.73	82.97	711	7	14	-7	0.21	0.21	-0.38
793	0.17	227.08	793	7	14	-8	1.07	-0.68	175.74



Scientific Drilling Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well # 504H - Slot 3
Project:	Venado Canyon Unit	TVD Reference:	GL 7075' & RKB 26' @ 7101ft (H&P 443)
Site:	O11 2206 Pad	MD Reference:	GL 7075' & RKB 26' @ 7101ft (H&P 443)
Well:	# 504H	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)
888	0.23	73.36	888	7	14	-8	0.41	0.06	-161.81
978	2.03	155.75	978	5	15	-9	2.24	2.00	91.54
1071	4.27	167.21	1071	0	17	-13	2.49	2.41	12.32
1164	6.55	169.15	1163	-8	18	-20	2.46	2.45	2.09
1256	8.56	174.09	1254	-20	20	-28	2.29	2.18	5.37
1346	10.55	179.16	1343	-35	21	-38	2.40	2.21	5.63
1437	12.19	179.04	1432	-53	21	-48	1.80	1.80	-0.13
1528	14.34	177.40	1521	-74	22	-61	2.40	2.36	-1.80
1620	15.94	176.47	1610	-98	23	-76	1.76	1.74	-1.01
1711	17.22	177.88	1697	-124	24	-92	1.47	1.41	1.55
1803	17.82	176.29	1785	-151	26	-110	0.83	0.65	-1.73
1894	19.03	177.26	1871	-180	27	-128	1.37	1.33	1.07
1989	19.11	177.36	1961	-211	29	-147	0.09	0.08	0.11
2084	17.93	175.94	2051	-241	31	-166	1.33	-1.24	-1.49
2179	18.93	176.18	2141	-271	33	-186	1.06	1.05	0.25
2273	18.58	173.34	2230	-301	36	-206	1.04	-0.37	-3.02
2368	18.23	171.63	2320	-331	39	-226	0.68	-0.37	-1.80
2463	20.36	173.28	2410	-362	44	-248	2.31	2.24	1.74
2558	18.35	172.22	2499	-393	47	-269	2.15	-2.12	-1.12
2652	19.27	173.67	2588	-423	51	-290	1.10	0.98	1.54
2747	19.99	174.50	2678	-455	54	-311	0.81	0.76	0.87
2842	19.56	175.78	2767	-487	57	-332	0.64	-0.45	1.35
2937	18.02	175.43	2857	-518	60	-352	1.63	-1.62	-0.37
3031	17.88	174.72	2947	-547	62	-371	0.28	-0.15	-0.76
3126	18.31	173.42	3037	-576	65	-391	0.62	0.45	-1.37
3220	18.66	173.69	3126	-606	68	-411	0.38	0.37	0.29
3316	18.97	174.52	3217	-636	72	-431	0.43	0.32	0.86
3410	19.04	173.81	3306	-667	75	-452	0.26	0.07	-0.76
3505	17.92	173.84	3396	-697	78	-472	1.18	-1.18	0.03
3600	19.47	173.17	3486	-727	81	-493	1.65	1.63	-0.71
3695	18.97	174.42	3576	-758	85	-514	0.68	-0.53	1.32
3790	18.62	174.10	3666	-789	88	-534	0.38	-0.37	-0.34
3885	19.22	173.59	3755	-819	91	-555	0.66	0.63	-0.54
3980	18.07	174.53	3845	-849	94	-575	1.25	-1.21	0.99
4075	17.68	173.63	3936	-878	97	-594	0.50	-0.41	-0.95
4169	17.31	171.03	4026	-906	101	-614	0.92	-0.39	-2.77
4264	17.84	171.35	4116	-935	105	-634	0.57	0.56	0.34
4359	20.18	169.29	4206	-965	111	-656	2.56	2.46	-2.17
4455	19.46	168.88	4296	-997	117	-680	0.76	-0.75	-0.43
4550	19.28	168.92	4386	-1028	123	-703	0.19	-0.19	0.04
4644	18.59	166.79	4475	-1058	129	-726	1.04	-0.73	-2.27
4739	17.11	169.77	4565	-1086	135	-747	1.83	-1.56	3.14
4829	14.49	163.99	4652	-1110	141	-765	3.39	-2.91	-6.42



Scientific Drilling Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well # 504H - Slot 3
Project:	Venado Canyon Unit	TVD Reference:	GL 7075' & RKB 26' @ 7101ft (H&P 443)
Site:	O11 2206 Pad	MD Reference:	GL 7075' & RKB 26' @ 7101ft (H&P 443)
Well:	# 504H	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)
4924	13.89	204.53	4744	-1132	139	-777	10.27	-0.63	42.67
5019	14.26	247.22	4836	-1147	124	-773	10.70	0.39	44.94
5114	15.44	283.02	4929	-1149	101	-756	9.59	1.24	37.68
5209	20.29	299.80	5019	-1138	74	-727	7.40	5.11	17.66
5304	29.95	305.86	5105	-1116	40	-687	10.51	10.17	6.38
5398	40.11	309.70	5182	-1082	-2	-633	11.06	10.81	4.09
5493	51.14	309.66	5248	-1039	-54	-566	11.61	11.61	-0.04
5588	60.90	310.49	5301	-988	-114	-487	10.30	10.27	0.87
5682	70.57	312.84	5340	-931	-178	-402	10.54	10.29	2.50
5775	79.72	312.78	5364	-870	-244	-313	9.84	9.84	-0.06
5846	85.40	311.98	5373	-823	-296	-243	8.08	8.00	-1.13
5940	86.61	316.26	5379	-758	-364	-150	4.72	1.29	4.55
6035	86.88	316.34	5385	-689	-429	-57	0.30	0.28	0.08
6116	88.86	315.81	5388	-631	-485	23	2.53	2.44	-0.65
6206	89.36	313.86	5389	-567	-549	112	2.24	0.56	-2.17
6295	89.39	313.15	5390	-506	-614	200	0.80	0.03	-0.80
6385	89.87	314.35	5391	-444	-679	289	1.44	0.53	1.33
6476	89.60	314.95	5391	-380	-743	379	0.72	-0.30	0.66
6566	88.69	314.57	5392	-317	-807	468	1.10	-1.01	-0.42
6656	90.74	316.03	5393	-253	-871	557	2.80	2.28	1.62
6746	91.04	315.87	5391	-188	-933	645	0.38	0.33	-0.18
6836	89.09	313.72	5391	-125	-997	734	3.23	-2.17	-2.39
6926	91.04	314.55	5391	-62	-1062	823	2.35	2.17	0.92
7016	90.07	312.78	5390	0	-1127	912	2.24	-1.08	-1.97
7107	90.47	313.06	5390	62	-1193	1003	0.54	0.44	0.31
7197	89.33	314.32	5390	124	-1258	1092	1.89	-1.27	1.40
7289	90.30	317.10	5390	190	-1323	1183	3.20	1.05	3.02
7380	90.00	315.92	5390	256	-1385	1272	1.34	-0.33	-1.30
7470	90.40	316.93	5390	321	-1447	1360	1.21	0.44	1.12
7560	89.29	317.41	5390	387	-1508	1449	1.34	-1.23	0.53
7650	89.43	317.14	5391	454	-1569	1537	0.34	0.16	-0.30
7740	90.00	319.27	5392	521	-1629	1625	2.45	0.63	2.37
7831	89.63	318.53	5392	589	-1689	1714	0.91	-0.41	-0.81
7921	91.38	319.37	5391	657	-1748	1801	2.16	1.94	0.93
8011	89.50	316.97	5390	724	-1808	1889	3.39	-2.09	-2.67
8101	89.13	316.55	5391	790	-1870	1978	0.62	-0.41	-0.47
8191	91.75	317.81	5391	856	-1931	2066	3.23	2.91	1.40
8281	90.87	317.57	5389	922	-1992	2154	1.01	-0.98	-0.27
8372	90.27	317.01	5388	989	-2053	2243	0.90	-0.66	-0.62
8463	89.50	315.69	5388	1055	-2116	2333	1.68	-0.85	-1.45
8554	89.33	315.89	5389	1120	-2180	2422	0.29	-0.19	0.22
8644	88.36	314.77	5391	1184	-2243	2511	1.65	-1.08	-1.24
8735	89.43	316.12	5392	1249	-2307	2601	1.89	1.18	1.48
8825	90.50	318.00	5393	1315	-2368	2689	2.40	1.19	2.09



Scientific Drilling Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well # 504H - Slot 3
Project:	Venado Canyon Unit	TVD Reference:	GL 7075' & RKB 26' @ 7101ft (H&P 443)
Site:	O11 2206 Pad	MD Reference:	GL 7075' & RKB 26' @ 7101ft (H&P 443)
Well:	# 504H	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)
8917	90.97	316.32	5391	1382	-2431	2779	1.90	0.51	-1.83
9007	90.13	313.56	5390	1446	-2494	2868	3.21	-0.93	-3.07
9097	89.93	313.58	5390	1508	-2560	2957	0.22	-0.22	0.02
9188	90.97	314.68	5390	1571	-2625	3047	1.66	1.14	1.21
9279	90.74	313.90	5388	1635	-2690	3138	0.89	-0.25	-0.86
9371	90.27	312.62	5388	1698	-2757	3229	1.48	-0.51	-1.39
9461	90.74	313.05	5387	1759	-2823	3318	0.71	0.52	0.48
9552	90.37	311.26	5386	1820	-2890	3409	2.01	-0.41	-1.97
9643	91.07	311.29	5385	1880	-2959	3499	0.77	0.77	0.03
9733	90.77	312.01	5383	1940	-3026	3589	0.87	-0.33	0.80
9824	90.47	311.21	5382	2000	-3094	3679	0.94	-0.33	-0.88
9914	89.90	311.89	5382	2060	-3162	3769	0.99	-0.63	0.76
10,005	90.84	314.72	5381	2122	-3228	3859	3.28	1.03	3.11
10,094	89.97	316.77	5381	2186	-3290	3947	2.50	-0.98	2.30
10,184	88.86	315.39	5382	2251	-3352	4035	1.97	-1.23	-1.53
10,275	88.32	316.68	5384	2316	-3415	4125	1.54	-0.59	1.42
10,365	90.54	317.25	5385	2382	-3477	4213	2.55	2.47	0.63
10,459	90.54	316.80	5384	2451	-3541	4305	0.48	0.00	-0.48
10,553	90.27	317.57	5383	2520	-3605	4398	0.87	-0.29	0.82
10,648	90.30	317.46	5383	2590	-3669	4491	0.12	0.03	-0.12
10,743	90.57	316.85	5382	2660	-3734	4584	0.70	0.28	-0.64
10,837	90.17	316.81	5381	2728	-3798	4676	0.43	-0.43	-0.04
10,932	89.70	316.68	5382	2797	-3863	4769	0.51	-0.49	-0.14
11,007	89.26	316.66	5382	2852	-3914	4843	0.59	-0.59	-0.03
11,058	89.26	316.66	5383	2889	-3949	4893	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
504H Casing	0.00	0.00	5371	-870	-294	1,872,606.42	2,840,748.85	36.14579288	-107.43482333
- hit/miss target									
- Shape									
- actual wellpath misses target center by 33ft at 5813ft MD (5369 TVD, -845 N, -272 E)									
- Point									
504H Heel Rev 1	0.00	0.00	5386	-712	-461	1,872,763.14	2,840,580.99	36.14622530	-107.43538970
- actual wellpath misses target center by 39ft at 6041ft MD (5385 TVD, -685 N, -433 E)									
- Circle (radius 50)									
504H Toe	0.00	0.00	5394	2857	-3938	1,876,318.24	2,837,089.22	36.15603010	-107.44716840
- actual wellpath misses target center by 27ft at 11007ft MD (5382 TVD, 2852 N, -3914 E)									
- Circle (radius 100)									



Company:	DJR Operating	Local Co-ordinate Reference:	Well # 504H - Slot 3
Project:	Venado Canyon Unit	TVD Reference:	GL 7075' & RKB 26' @ 7101ft (H&P 443)
Site:	O11 2206 Pad	MD Reference:	GL 7075' & RKB 26' @ 7101ft (H&P 443)
Well:	# 504H	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)	
255	255	2	4	First Surface MWD Survey
4924	4744	-1132	139	Last Surface MWD Survey
5019	4836	-1147	124	First Curve MWD Survey
5775	5364	-870	-244	Last Curve MWD Survey
5846	5373	-823	-296	First Lateral MWD Survey
11,007	5382	2852	-3914	Last Lateral MWD Survey
11,058	5383	2889	-3949	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 O11 2206 504H
County & State	Sandoval, NM
SDI Job No.	OP.035938
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 255 feet to a measured depth of 11,058 feet is true and correct as determined from all available records.

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

Signature

12-Oct-22

Date

Janie Collins

Colorado District Well Planner
Scientific Drilling International

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

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

DISTRICT II
811 S. First St., Artesia, N.M. 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

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

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

☐ AMENDED REPORT
☒ AS-DRILLED

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-043-21401	² Pool Code 42289	³ Pool Name LYBROOK GALLUP
⁴ Property Code 325271	⁵ Property Name VENADO CANYON UNIT	⁶ Well Number 504H
⁷ OGRID No. 371838	⁸ Operator Name DJR OPERATING, LLC	⁹ Elevation 7075

¹⁰ Surface Location

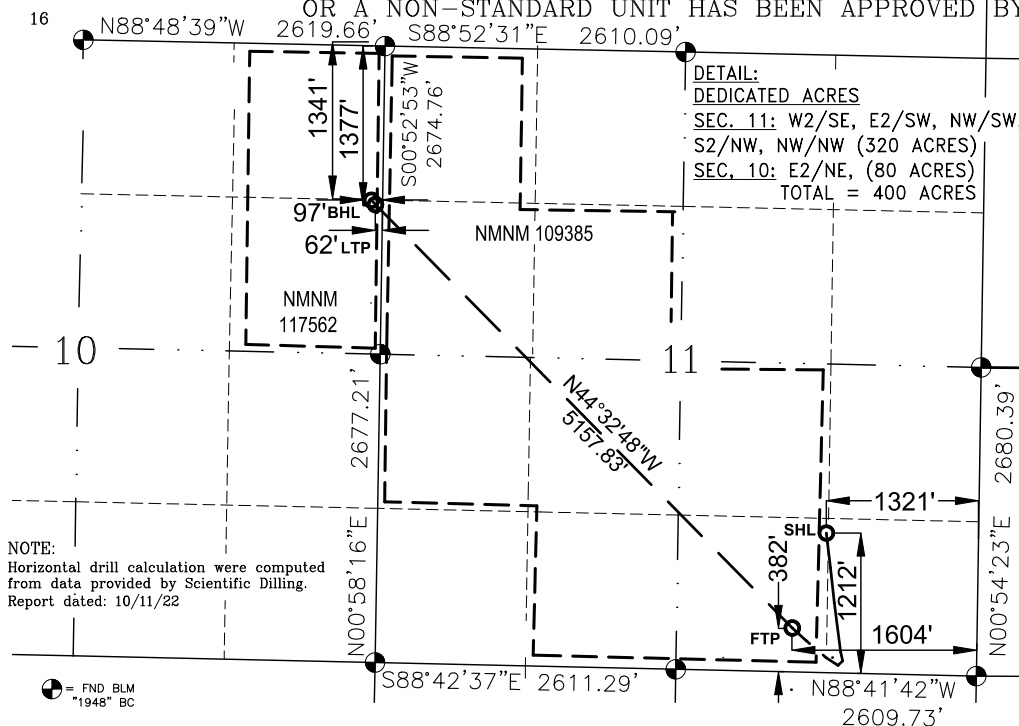
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	11	22-N	6-W		1212	SOUTH	1321	EAST	SANDOVAL

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
H	10	22-N	6-W		1341	NORTH	97	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



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 11/18/22

Signature Date

Shaw-Marie Ford

Printed Name

sford@djrlc.com

E-mail Address

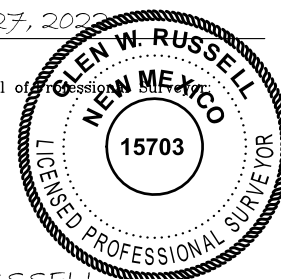
18 SURVEYOR CERTIFICATION

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.

OCTOBER 27, 2022

Date of Survey

Signature and Seal of Professional Surveyor



GLEN W. RUSSELL

Certificate Number

15703

SURFACE (SHL)
1212' FSL, 1321' FEL SEC. 11
LAT: 36.1481821° N
LONG: 107.4338273° W NAD83

FIRST TAKE POINT (FTP)
382' FSL, 1604' FEL SEC. 11
LAT: 36.145919° N
LONG: 107.434832° W NAD83

LAST TAKE POINT (LTP)
1377' FNL, 62' FEL SEC. 10
LAT: 36.156021° N
LONG: 107.447081° W NAD83

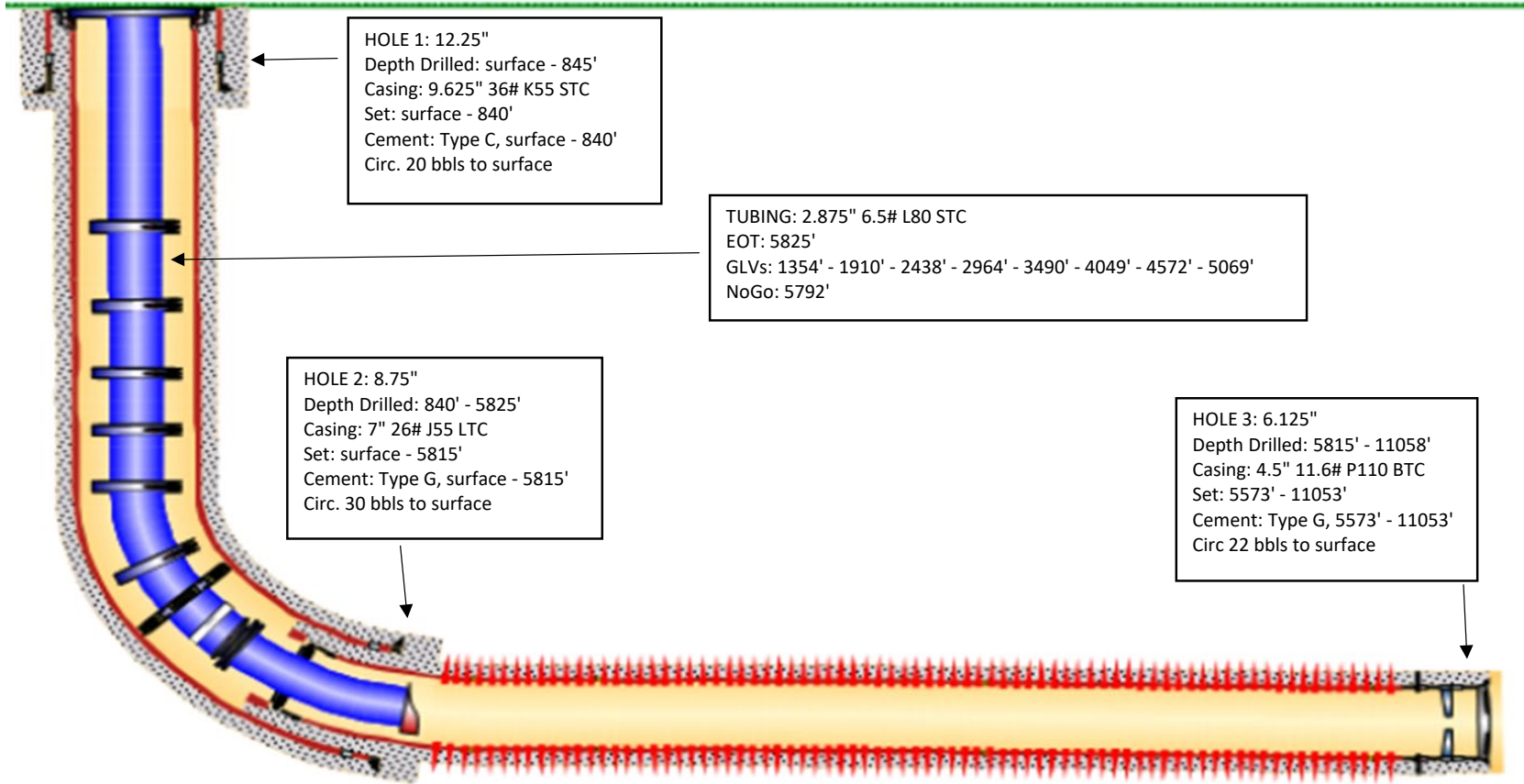
BOTTOM HOLE (BHL)
1341' FNL, 97' FEL SEC. 10
LAT: 36.156123° N
LONG: 107.447199° W NAD83

VENADO CANYON UNIT 504H

API: 30-043-21401
 SHL: SWSE O-11-22N-06W
 1212' FSL x 1321' FEL

Page 32 of 35
 Elevation: 7075' GL
 Spud Date: 09/04/2022
 Completed Date: 02/21/2024

FORMATION	MD	TVD
Ojo Alamo	1301'	1289'
Kirtland	1456'	1438'
Fruitland	1686'	1659'
Pictured Cliffs	1888'	1854'
Lewis	1985'	1947'
Chacra	2726'	2660'
Menefee	3429'	3337'
Point Lookout	4231'	4108'
Mancos	4380'	4252'
KOP~	4868'	4689'
Gallup	5309'	5127'
Target	5884'	5367'



Perf:	20 Stages	Frac:	20 Stages
Depth:	5856' - 10966' MD	31,404	bbls of fluid
	5373' - 5393' TVD	5,429,691	lbs of proppant
		13,417,409	bbls N2 foam
Total of 410 Open Holes			

(NAD83)	LAT.	LONG.
SHL:	36.148182	-107.433827
FTP:	36.145919	-107.434832
LTP:	36.156021	-107.447081
BHL:	36.156123	-107.447199

BHL: SENE H-10-22N-06W
 1341' FNL x 97' FEL

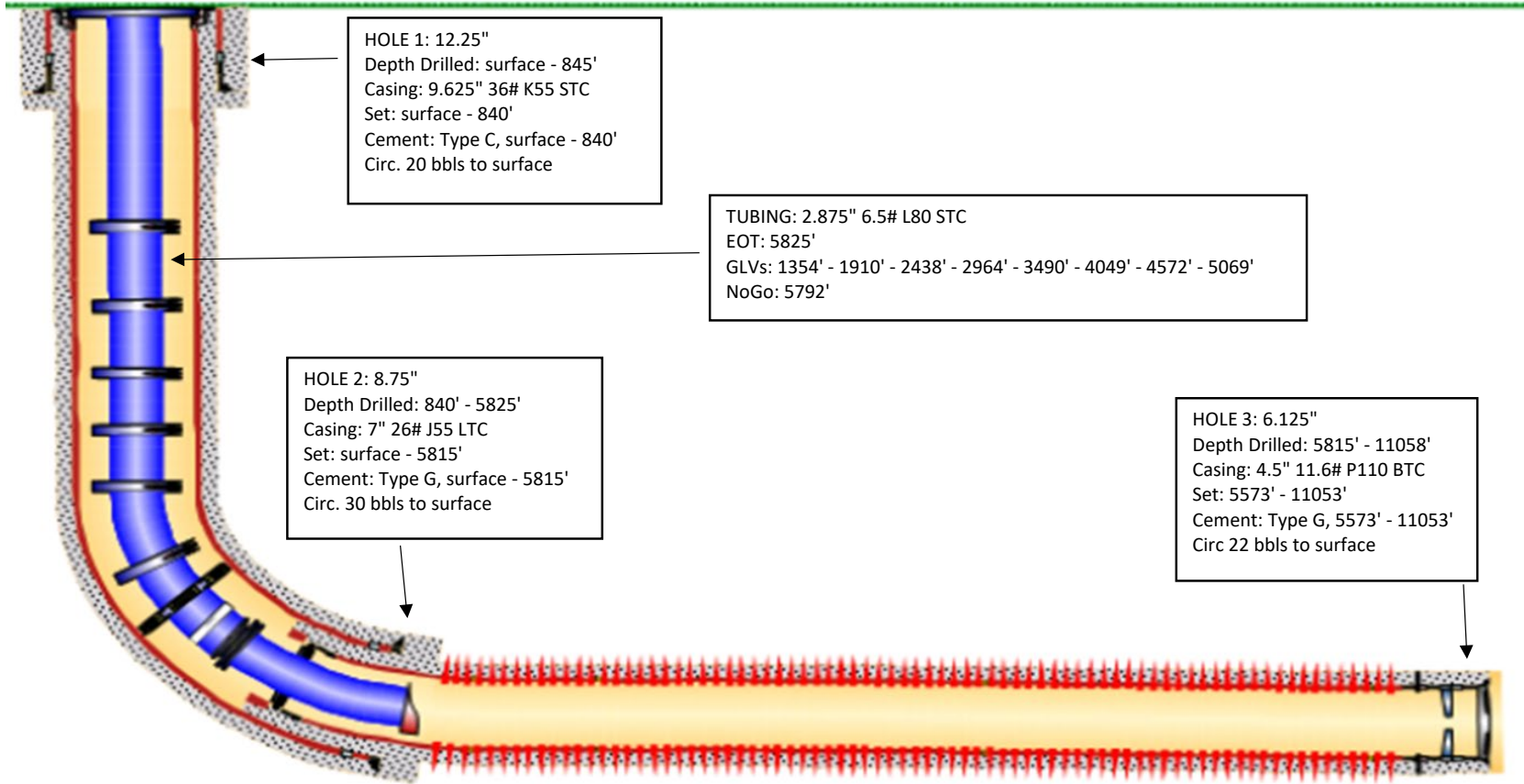
11,058'	TD
5,383'	TVD
11,031'	PBTD
10,999'	FracSleeve

VENADO CANYON UNIT 504H

API: 30-043-21401
 SHL: SWSE O-11-22N-06W
 1212' FSL x 1321' FEL

Page 33 of 35
 Elevation: 7075' GL
 Spud Date: 09/04/2022
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FORMATION	MD	TVD
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BHL: SENE H-10-22N-06W
 1341' FNL x 97' FEL

11,058'	TD
5,383'	TVD
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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 342591

ACKNOWLEDGMENTS

Operator: DJR OPERATING, LLC 200 Energy Court Farmington, NM 87401	OGRID: 371838
	Action Number: 342591
	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
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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 342591

CONDITIONS

Operator: DJR OPERATING, LLC 200 Energy Court Farmington, NM 87401	OGRID: 371838
	Action Number: 342591
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	7/2/2024