

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 RT	
⁴ API Number 30 – 043 – 21484	⁵ Pool Name Alamito N; Mancos (O)		⁶ Pool Code 98174
⁷ Property Code 325267	⁸ Property Name North Alamito Unit		⁹ Well Number 534H

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
L	29	23N	7W		1668	South	797	West	Sandoval

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	19	23N	7W	4	237	South	717	West	Sandoval
¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date TBD	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

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

IV. Well Completion Data

²¹ Spud Date 12/20/2022	²² Ready Date 07/26/2023	²³ TD 11,792’ MD 5,114’ TVD	²⁴ PBTD 11,774’ MD 5,114’ TVD	²⁵ Perforations 5,702’ – 13,474’ MD 5,085’ – 5,122’ TVD Frac Sleeve @ 11,739’	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
12.25	9.625” 36# J55	408’	109		
8.75	7” 26# J55	5,400’	590		
6.125	4.5” 11.6# P110	TOL: 5,142’ BOL: 11,787’	574		

V. Well Test Data

³¹ Date New Oil	³² Gas Delivery Date	³³ Test Date	³⁴ Test Length	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
³⁷ Choke Size	³⁸ Oil	³⁹ Water	⁴⁰ Gas		⁴¹ Test Method

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: <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@djrlle.com	Approval Date: <i>7/20/2023</i>	
Date: 06/05/23	Phone: 505-716-3297	<i>RT EXPIRES 10/20/2023</i>

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) 334-8178 Fax: (505) 334-8170

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

Form C-102
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
☒ AS-DRILLED

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-043-21484	² Pool Code 98174	³ Pool Name NORTH ALAMITO UNIT MANCOS OIL POOL
⁴ Property Code 325267	⁵ Property Name NORTH ALAMITO UNIT	⁶ Well Number 534H
⁷ OGRID No. 371838	⁸ Operator Name DJR OPERATING, LLC	⁹ Elevation 6875'

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
L	29	23N	7W		1668'	SOUTH	797'	WEST	SANDOVAL

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	19	23N	7W	4	237'	SOUTH	717'	WEST	SANDOVAL

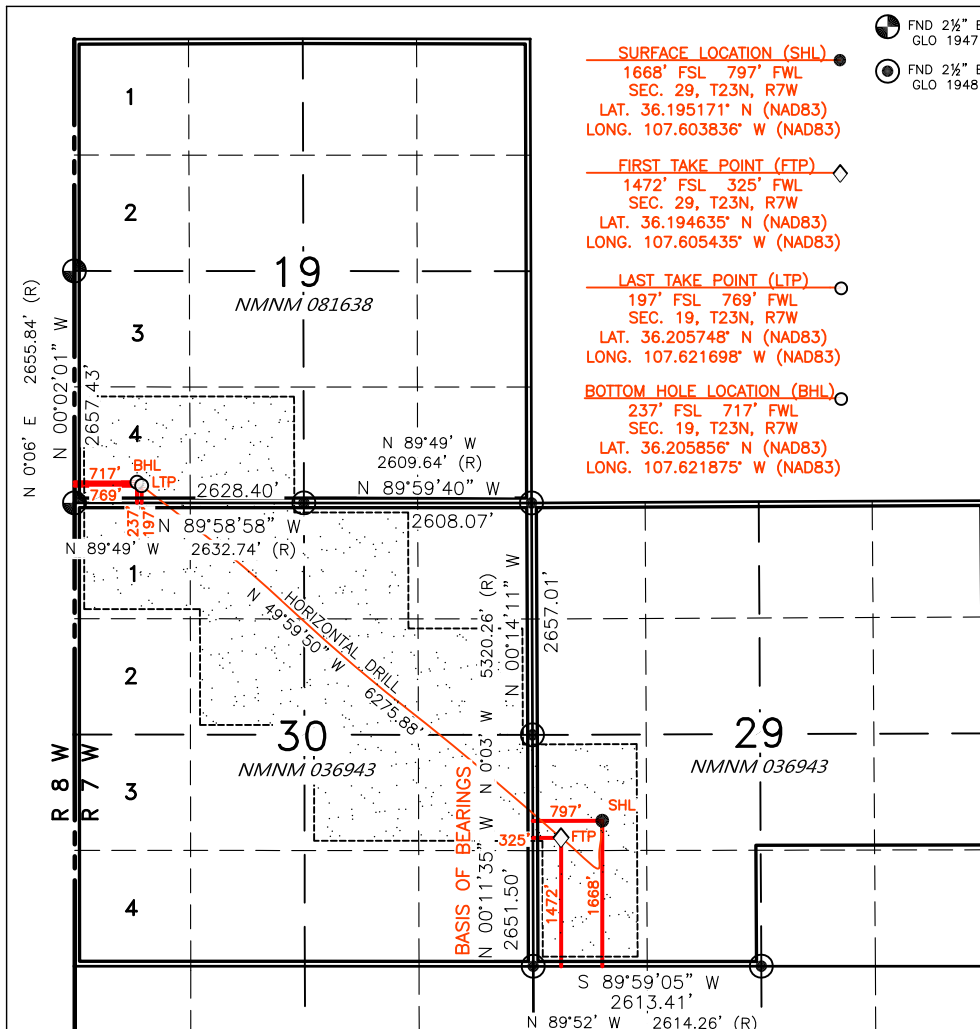
¹² Dedicated Acres PENETRATED SPACING UNIT;
SEC 29: SW/SW & NW/SW (80 AC.); SEC 30:
NE/SE, NW/SE, SE/NE, SW/NE, NW/NE, SE/NW,
NE/NW & LOT 1 (320.70 AC.); SEC 19: SE/SW &
LOT 4 (80.74 AC.) = 481.44 ACRES

¹³ Joint or Infill¹⁴ Consolidation Code¹⁵ Order No.

R-14081 R-14081A

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16



● FND 2 1/2" BC
GLO 1947
● FND 2 1/2" BC
GLO 1948

17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Shaw-Marie Ford 04/25/23
Signature Date

Shaw-Marie Ford
Printed Name

sford@djrlc.com
E-mail Address

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

FEBRUARY 6, 2023

Date of Survey

Signature and Seal of Professional Surveyor:



Certificate Number

11393



DJR
North Alamito
L29 2307
534H

End of Well Report



www.scientificdrilling.com





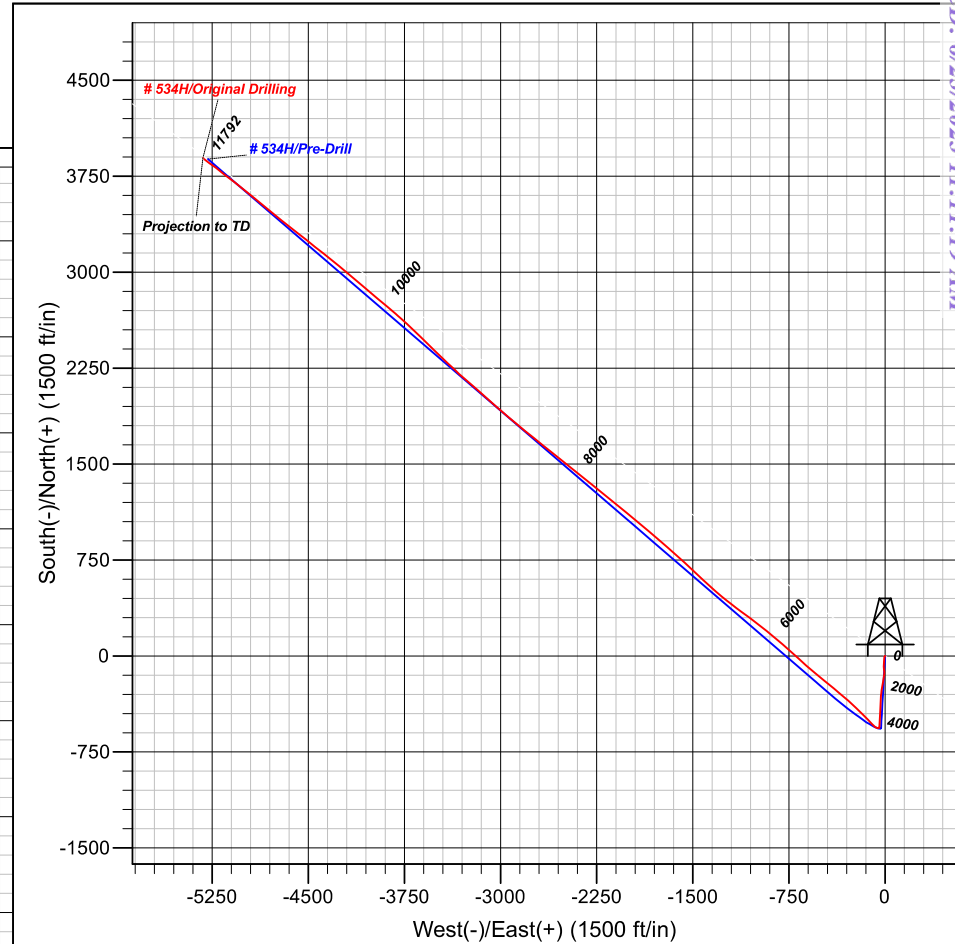
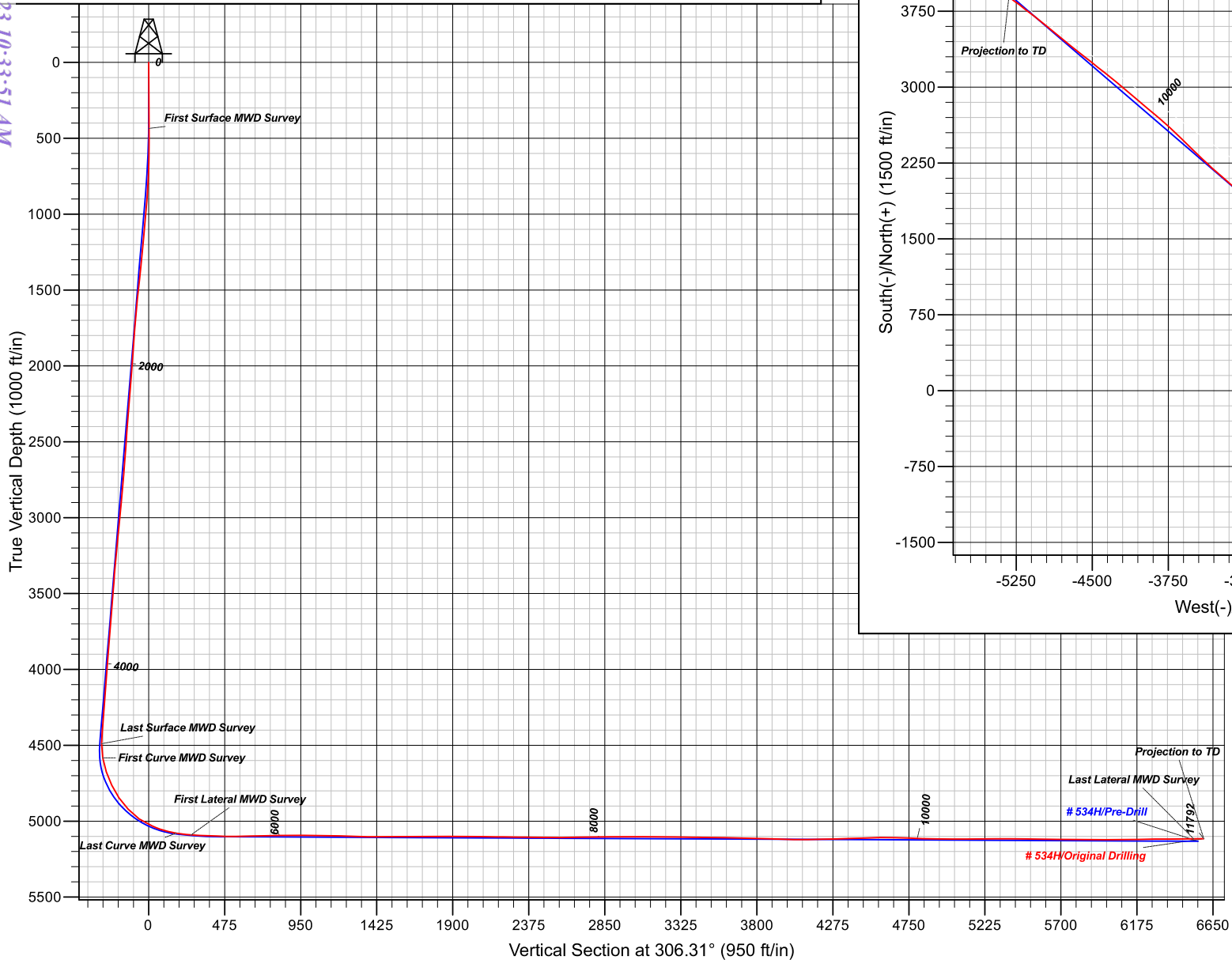
Company Name: DJR Operating
Project: North Alamito Unit
Site: L29 2307 Pad
Well: # 534H
Wellbore: Original Drilling



WELL DETAILS: # 534H

GL 6875' & RKB 26' @ 6901ft (H&P 443) 6875

+E/-W	North	East	Lat	Long
0	1890419.68	2790806.48	36.19517100	-107.60383600



Design: Original Drilling (# 534H/Original Drilling)

Created By: Janie Collins Date: 10:59, February 04 2023

PROJECT DETAILS: North Alamito 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

North Alamito Unit

L29 2307 Pad

534H - Slot 1

Original Drilling

Design: Original Drilling

Standard Survey Report

02 February, 2023



www.scientificdrilling.com



Scientific Drilling Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well # 534H - Slot 1
Project:	North Alamito Unit	TVD Reference:	GL 6875' & RKB 26' @ 6901ft (H&P 443)
Site:	L29 2307 Pad	MD Reference:	GL 6875' & RKB 26' @ 6901ft (H&P 443)
Well:	# 534H	North Reference:	True
Wellbore:	Original Drilling	Survey Calculation Method:	Minimum Curvature
Design:	Original Drilling	Database:	Grand Junction

Project	North Alamito 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		L29 2307 Pad				
Site Position:		Northing:	1,890,427.01	usft	Latitude:	36.19519100
From:	Lat/Long	Easting:	2,790,825.05	usft	Longitude:	-107.60377300
Position Uncertainty:		0	ft	Slot Radius:	13.20	in
				Grid Convergence:	0.14	°

Well	# 534H - Slot 1					
Well Position	+N/-S	0 ft	Northing:	1,890,419.68 usft	Latitude:	36.19517100
	+E/-W	0 ft	Easting:	2,790,806.48 usft	Longitude:	-107.60383600
Position Uncertainty		0 ft	Wellhead Elevation:	ft	Ground Level:	6875 ft

Wellbore	Original Drilling				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM2023	1/10/2023	8.43	62.63	48,996.40000000

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	306.31	

Survey Program	Date	1/23/2023			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
435	4530	Survey #1 - Surface MWD Survey (Original)	MWD+HDGM	OWSG MWD + HDGM	
4625	5353	Survey #2 - Curve MWD Survey (Original)	MWD+HDGM	OWSG MWD + HDGM	
5446	11,792	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	
435	0.55	283.18	435	0	-2	2	0.13	0.13	0.00	
526	1.28	204.13	526	0	-3	2	1.42	0.80	-86.87	
617	2.59	193.06	617	-3	-4	1	1.49	1.44	-12.16	
709	4.21	191.37	709	-9	-5	-1	1.76	1.76	-1.84	
800	5.72	184.27	799	-16	-6	-5	1.79	1.66	-7.80	
891	7.19	186.93	890	-27	-7	-10	1.65	1.62	2.92	
982	9.26	185.32	980	-40	-8	-17	2.29	2.27	-1.77	
1072	9.78	185.23	1069	-54	-10	-24	0.58	0.58	-0.10	



Scientific Drilling

Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well # 534H - Slot 1
Project:	North Alamito Unit	TVD Reference:	GL 6875' & RKB 26' @ 6901ft (H&P 443)
Site:	L29 2307 Pad	MD Reference:	GL 6875' & RKB 26' @ 6901ft (H&P 443)
Well:	# 534H	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)
1163	8.97	182.02	1158	-69	-11	-32	1.06	-0.89	-3.53
1253	7.98	177.72	1247	-82	-11	-40	1.31	-1.10	-4.78
1344	8.58	175.27	1338	-95	-10	-49	0.76	0.66	-2.69
1435	7.59	170.16	1428	-108	-8	-57	1.34	-1.09	-5.62
1524	9.61	175.40	1516	-121	-7	-67	2.43	2.27	5.89
1615	9.73	184.40	1605	-137	-7	-76	1.66	0.13	9.89
1706	7.81	183.00	1695	-150	-7	-83	2.12	-2.11	-1.54
1796	8.93	190.52	1784	-163	-9	-89	1.74	1.24	8.36
1887	9.50	189.76	1874	-178	-12	-96	0.64	0.63	-0.84
1982	9.01	191.44	1968	-193	-14	-103	0.59	-0.52	1.77
2075	10.17	189.89	2060	-208	-17	-109	1.28	1.25	-1.67
2170	9.29	189.26	2153	-224	-20	-116	0.93	-0.93	-0.66
2265	8.64	188.77	2247	-238	-22	-123	0.69	-0.68	-0.52
2360	8.79	188.02	2341	-253	-24	-130	0.20	0.16	-0.79
2455	8.65	187.83	2435	-267	-26	-137	0.15	-0.15	-0.20
2549	8.54	188.77	2528	-281	-28	-143	0.19	-0.12	1.00
2644	7.74	187.76	2622	-294	-30	-150	0.86	-0.84	-1.06
2739	9.45	186.81	2716	-308	-32	-157	1.81	1.80	-1.00
2834	8.08	186.74	2810	-323	-34	-164	1.44	-1.44	-0.07
2929	9.70	181.25	2904	-337	-35	-172	1.92	1.71	-5.78
3024	9.33	182.19	2997	-353	-35	-181	0.42	-0.39	0.99
3119	8.71	180.96	3091	-368	-36	-189	0.68	-0.65	-1.29
3214	8.38	176.47	3185	-382	-35	-198	0.78	-0.35	-4.73
3309	9.49	185.78	3279	-397	-36	-206	1.92	1.17	9.80
3403	8.45	182.72	3372	-411	-37	-214	1.22	-1.11	-3.26
3498	7.28	183.77	3466	-424	-38	-221	1.24	-1.23	1.11
3593	7.72	185.69	3560	-437	-39	-227	0.53	0.46	2.02
3688	8.47	177.50	3654	-450	-39	-235	1.45	0.79	-8.62
3783	6.76	176.68	3748	-463	-38	-243	1.80	-1.80	-0.86
3878	7.83	187.18	3842	-475	-39	-250	1.80	1.13	11.05
3973	8.44	187.56	3936	-488	-41	-256	0.64	0.64	0.40
4068	7.41	186.73	4031	-501	-42	-263	1.09	-1.08	-0.87
4163	8.32	180.79	4125	-514	-43	-270	1.28	0.96	-6.25
4258	7.58	180.66	4219	-527	-43	-277	0.78	-0.78	-0.14
4353	5.59	179.24	4313	-538	-43	-284	2.10	-2.09	-1.49
4448	7.19	181.84	4408	-548	-43	-290	1.71	1.68	2.74
4530	6.98	199.45	4489	-558	-45	-294	2.65	-0.26	21.48
4625	12.57	268.81	4583	-564	-57	-288	12.64	5.88	73.01
4720	16.98	308.88	4675	-555	-79	-266	11.42	4.64	42.18
4815	25.39	317.63	4763	-532	-103	-232	9.43	8.85	9.21
4910	33.16	316.97	4846	-497	-135	-186	8.19	8.18	-0.69
5005	42.16	313.25	4921	-457	-176	-129	9.77	9.47	-3.92
5100	53.68	314.98	4985	-407	-226	-59	12.20	12.13	1.82



Scientific Drilling Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well # 534H - Slot 1
Project:	North Alamito Unit	TVD Reference:	GL 6875' & RKB 26' @ 6901ft (H&P 443)
Site:	L29 2307 Pad	MD Reference:	GL 6875' & RKB 26' @ 6901ft (H&P 443)
Well:	# 534H	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)
5195	66.19	311.69	5032	-351	-286	22	13.50	13.17	-3.46
5290	73.12	310.31	5065	-293	-353	111	7.42	7.29	-1.45
5353	81.58	309.60	5079	-253	-400	172	13.47	13.43	-1.13
5446	85.50	308.97	5090	-195	-472	265	4.27	4.22	-0.68
5540	87.01	309.91	5096	-135	-544	358	1.89	1.61	1.00
5634	88.45	311.01	5099	-74	-616	452	1.93	1.53	1.17
5729	90.64	312.28	5100	-11	-687	547	2.66	2.31	1.34
5823	91.74	312.36	5098	52	-756	640	1.17	1.17	0.09
5917	91.61	310.44	5096	114	-827	734	2.05	-0.14	-2.04
6011	90.00	309.11	5094	174	-899	827	2.22	-1.71	-1.41
6105	90.40	307.94	5094	233	-972	921	1.32	0.43	-1.24
6199	88.99	306.97	5094	290	-1047	1015	1.82	-1.50	-1.03
6293	89.36	306.19	5096	346	-1122	1109	0.92	0.39	-0.83
6387	88.69	307.69	5097	402	-1198	1203	1.75	-0.71	1.60
6481	87.52	309.07	5100	461	-1271	1297	1.92	-1.24	1.47
6575	89.30	312.59	5103	522	-1342	1391	4.19	1.89	3.74
6669	90.20	312.94	5103	586	-1411	1484	1.03	0.96	0.37
6764	91.01	313.13	5102	651	-1481	1579	0.88	0.85	0.20
6858	90.40	312.44	5101	715	-1550	1672	0.98	-0.65	-0.73
6952	90.80	312.67	5100	778	-1619	1765	0.49	0.43	0.24
7043	89.19	310.91	5100	839	-1687	1856	2.62	-1.77	-1.93
7133	90.30	311.74	5101	898	-1754	1946	1.54	1.23	0.92
7224	89.13	310.17	5101	958	-1823	2036	2.15	-1.29	-1.73
7314	88.49	309.42	5103	1016	-1892	2126	1.10	-0.71	-0.83
7403	89.90	310.24	5104	1073	-1961	2215	1.83	1.58	0.92
7494	89.76	309.47	5105	1131	-2030	2306	0.86	-0.15	-0.85
7585	88.69	308.61	5106	1188	-2101	2397	1.51	-1.18	-0.95
7675	89.40	309.20	5107	1245	-2171	2487	1.03	0.79	0.66
7767	90.27	309.26	5108	1303	-2242	2578	0.95	0.95	0.07
7859	90.81	308.88	5107	1361	-2314	2670	0.72	0.59	-0.41
7950	91.58	308.81	5105	1418	-2385	2761	0.85	0.85	-0.08
8042	90.27	308.73	5103	1475	-2456	2853	1.43	-1.42	-0.09
8132	91.01	308.69	5102	1532	-2527	2943	0.82	0.82	-0.04
8222	89.09	308.94	5102	1588	-2597	3033	2.15	-2.13	0.28
8313	88.92	308.48	5104	1645	-2668	3124	0.54	-0.19	-0.51
8404	90.50	309.23	5104	1702	-2739	3215	1.92	1.74	0.82
8495	88.82	309.03	5105	1760	-2809	3306	1.86	-1.85	-0.22
8588	89.70	309.17	5106	1818	-2881	3399	0.96	0.95	0.15
8679	88.59	311.62	5107	1877	-2951	3489	2.96	-1.22	2.69
8770	88.82	310.66	5109	1937	-3019	3580	1.08	0.25	-1.05
8860	89.87	310.79	5110	1996	-3087	3670	1.18	1.17	0.14
8950	87.82	311.93	5112	2055	-3155	3759	2.61	-2.28	1.27
9040	88.02	311.67	5116	2115	-3222	3849	0.36	0.22	-0.29



Scientific Drilling

Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well # 534H - Slot 1
Project:	North Alamito Unit	TVD Reference:	GL 6875' & RKB 26' @ 6901ft (H&P 443)
Site:	L29 2307 Pad	MD Reference:	GL 6875' & RKB 26' @ 6901ft (H&P 443)
Well:	# 534H	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)	
9130	88.42	311.21	5118	2175	-3289	3938	0.68	0.44	-0.51	
9221	88.52	312.59	5121	2235	-3357	4029	1.52	0.11	1.52	
9312	90.97	314.14	5121	2298	-3423	4119	3.19	2.69	1.70	
9403	91.54	314.42	5119	2361	-3488	4209	0.70	0.63	0.31	
9494	91.41	314.19	5117	2425	-3553	4299	0.29	-0.14	-0.25	
9584	91.68	313.89	5114	2488	-3618	4389	0.45	0.30	-0.33	
9675	92.18	313.82	5111	2551	-3684	4479	0.55	0.55	-0.08	
9766	91.51	312.66	5108	2613	-3750	4569	1.47	-0.74	-1.27	
9856	88.25	310.66	5109	2673	-3817	4659	4.25	-3.62	-2.22	
9946	88.12	310.38	5111	2731	-3886	4748	0.34	-0.14	-0.31	
10,037	88.02	309.79	5115	2790	-3955	4839	0.66	-0.11	-0.65	
10,127	88.69	309.68	5117	2847	-4024	4929	0.75	0.74	-0.12	
10,218	89.66	310.53	5118	2906	-4094	5020	1.42	1.07	0.93	
10,308	90.30	310.43	5118	2964	-4162	5109	0.72	0.71	-0.11	
10,398	91.27	310.51	5117	3023	-4231	5199	1.08	1.08	0.09	
10,490	90.27	309.31	5116	3082	-4301	5291	1.70	-1.09	-1.30	
10,581	89.50	307.72	5116	3138	-4373	5382	1.94	-0.85	-1.75	
10,672	89.50	308.89	5117	3195	-4444	5473	1.29	0.00	1.29	
10,762	88.93	308.72	5118	3251	-4514	5563	0.66	-0.63	-0.19	
10,852	89.36	308.00	5120	3307	-4585	5653	0.93	0.48	-0.80	
10,942	89.93	307.54	5120	3362	-4656	5743	0.81	0.63	-0.51	
11,032	88.62	309.17	5121	3418	-4726	5833	2.32	-1.46	1.81	
11,123	89.43	309.76	5123	3476	-4797	5923	1.10	0.89	0.65	
11,213	90.54	309.57	5123	3533	-4866	6013	1.25	1.23	-0.21	
11,303	91.34	309.39	5121	3590	-4935	6103	0.91	0.89	-0.20	
11,396	91.51	308.67	5119	3649	-5008	6196	0.80	0.18	-0.77	
11,485	89.80	307.60	5118	3704	-5078	6285	2.27	-1.92	-1.20	
11,577	90.30	307.64	5118	3760	-5151	6377	0.55	0.54	0.04	
11,667	91.11	307.15	5117	3815	-5222	6467	1.05	0.90	-0.54	
11,729	90.97	307.01	5116	3852	-5271	6529	0.32	-0.23	-0.23	
11,792	90.97	307.01	5115	3890	-5322	6592	0.00	0.00	0.00	



Scientific Drilling
Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well # 534H - Slot 1
Project:	North Alamito Unit	TVD Reference:	GL 6875' & RKB 26' @ 6901ft (H&P 443)
Site:	L29 2307 Pad	MD Reference:	GL 6875' & RKB 26' @ 6901ft (H&P 443)
Well:	# 534H	North Reference:	True
Wellbore:	Original Drilling	Survey Calculation Method:	Minimum Curvature
Design:	Original Drilling	Database:	Grand Junction

Design Targets									
Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (usft)	Easting (usft)	Latitude	Longitude
534H 85° Casing - actual wellpath misses target center by 53ft at 5372ft MD (5082 TVD, -242 N, -415 E) - Point	0.00	0.00	5087	-283	-448	1,890,135.69	2,790,359.30	36.19439375	-107.60535385
534H Heel - actual wellpath misses target center by 54ft at 5597ft MD (5098 TVD, -98 N, -588 E) - Circle (radius 50)	0.00	0.00	5102	-139	-623	1,890,278.87	2,790,184.09	36.19478820	-107.60594650
534H Toe - actual wellpath misses target center by 37ft at 11729ft MD (5116 TVD, 3852 N, -5271 E) - Circle (radius 100)	0.00	0.00	5132	3883	-5283	1,894,289.73	2,785,513.83	36.20583540	-107.62174500

Design Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
435	435	0	-2	First Surface MWD Survey
4530	4489	-558	-45	Last Surface MWD Survey
4625	4583	-564	-57	First Curve MWD Survey
5353	5079	-253	-400	Last Curve MWD Survey
5446	5090	-195	-472	First Lateral MWD Survey
11,729	5116	3852	-5271	Last Lateral MWD Survey
11,792	5115	3890	-5322	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.	North Alamito L29 2307 534H
County & State	San Juan, NM
SDI Job No.	OP.037839
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 435 feet to a measured depth of 11,792 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

2-Feb-23

Date

Janie Collins

Colorado District Well Planner
Scientific Drilling International

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

ACKNOWLEDGMENTS

Action 232188

ACKNOWLEDGMENTS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 232188
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

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

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CONDITIONS

Action 232188

CONDITIONS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
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CONDITIONS

Created By	Condition	Condition Date
plmartinez	RT EXPIRES 10/20/2023.	7/20/2023