

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 30-045-38199	⁵ Pool Name Nageezi Unit; Mancos (Oil)		⁶ Pool Code 98080
⁷ Property Code 325268	⁸ Property Name Nageezi Unit		⁹ Well Number 319H

II. ¹⁰ Surface Location

Ul or lot no. D	Section 02	Township 23N	Range 09W	Lot Idn 4	Feet from the 10'	North/South Line North	Feet from the 277'	East/West line West	County San Juan
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¹¹ Bottom Hole Location

UL or lot no. D	Section 34	Township 24N	Range 09W	Lot Idn	Feet from the 1012'	North/South line North	Feet from the 838'	East/West line West	County San Juan
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 6500 Townbridge Drive, El Paso, TX 79905	O
151618	Enterprise Field Services, LLC Post Office Box 4503, Houston, TX 77001	G
	~Gas will be flared during flowback & until N2 & O2 is cleaned from the wellbore~	

IV. Well Completion Data

²¹ Spud Date 11/02/21	²² Ready Date 06/12/22	²³ TD 11,902' MD 5,260' TVD	²⁴ PBTD 11,883' MD 5,260' TVD	²⁵ Perforations 5,673'-11,828' MD 5,135'- 5,260' TVD Frac Sleeve @ 11,862'	²⁶ DHC, MC	
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set		³⁰ Sacks Cement
12.25		9.625" 36# J55		355'		109
8.75		7" 26# J55		5,524'		607
6.125		4.5" 11.6# P110		TOL: 5,262' BOL: 11,897'		583

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@djrlc.com			Approval Date: <i>6/30/2022</i>		
Date: 05/04/22		Phone: 505-716-3297	<i>RT EXPIRES 9/12/2022</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) 334-6178 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

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 30-045-38199	² Pool Code 98080	³ Pool Name NAGEEZI UNIT MANCOS OIL POOL
⁴ Property Code 325268	⁵ Property Name NAGEEZI UNIT	⁶ Well Number 319H
⁷ OGRID No. 371838	⁸ Operator Name DJR OPERATING, LLC	⁹ Elevation 6864'

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
D	2	23N	9W	4	10'	NORTH	277'	WEST	SAN JUAN

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
D	34	24N	9W		1012'	NORTH	838'	WEST	SAN JUAN

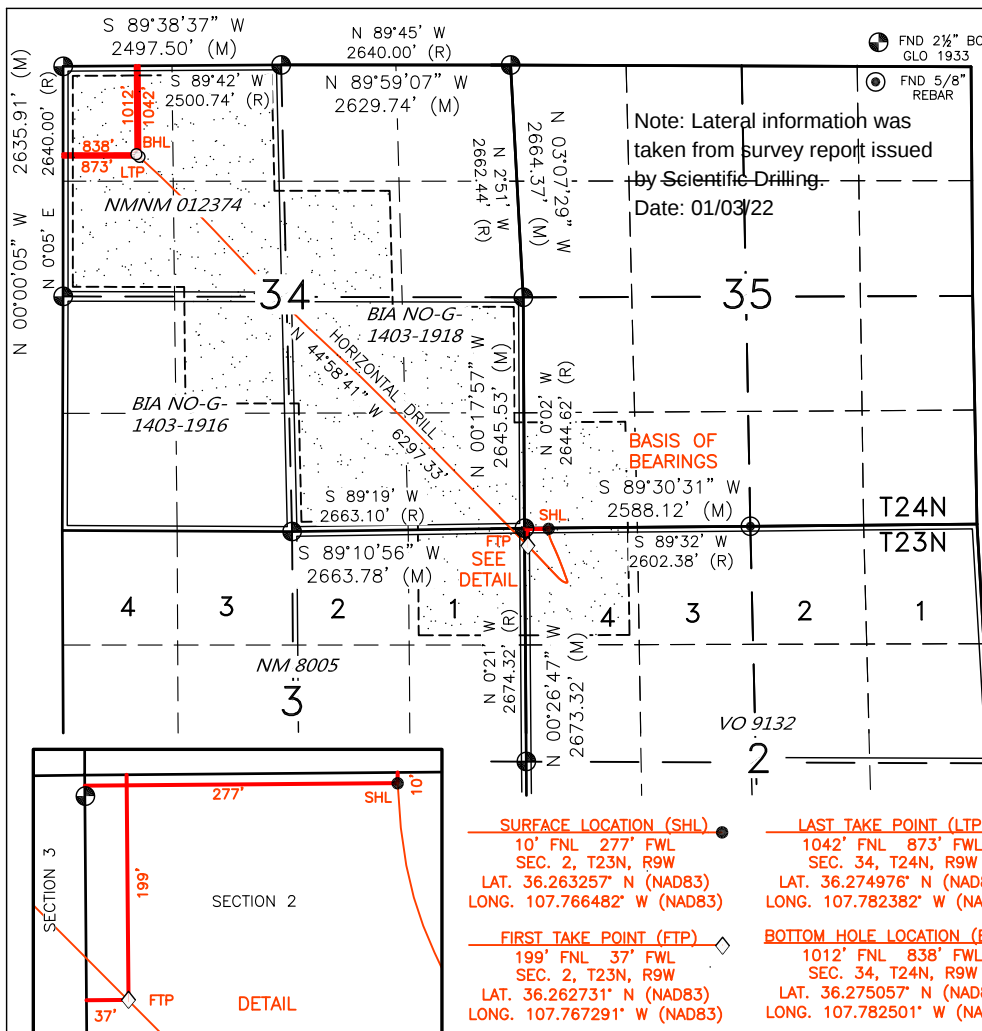
¹² Dedicated Acres **PENETRATED SPACING UNIT;**
SEC 35: SW/SW (40 AC.); SEC 2: NW/NW (40.85 AC.);
SEC 3: NE/NE (40.81 AC.); SEC 34: SE/4, SW/NE,
NE/SW & NW/4 (521.66 AC.) = 521.66 ACRES TOTAL

¹³ Joint or Infill¹⁴ Consolidation Code¹⁵ Order No.

R-13856 R-13856A

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

16

¹⁷ OPERATOR CERTIFICATION

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

Shaw-Marie Ford 02/25/22
Signature Date

Shaw-Marie Ford

Printed Name

sford@djrlc.com

E-mail Address

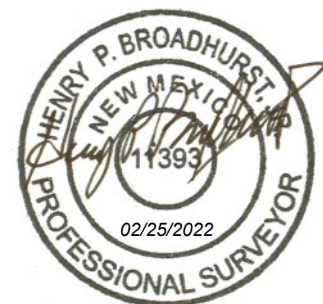
SURVEYOR CERTIFICATION

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 24, 3022

Date of Survey

Signature and Seal of Professional Surveyor:



Certificate Number

11393

**Directional Survey Certification**

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

Operator	DJR Energy
Well Name & No.	Nageezi M35 2409 319H
County & State	San Juan, NM
SDI Job No.	OP.032071
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 455 feet to a measured depth of 11,902 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

3-Jan-22

Date

Janie Collins

Contract Well Planner
Scientific Drilling International



DJR

**Nageezi Unit
M35 2409 Pad
#319H**

End of Well Report



www.scientificdrilling.com

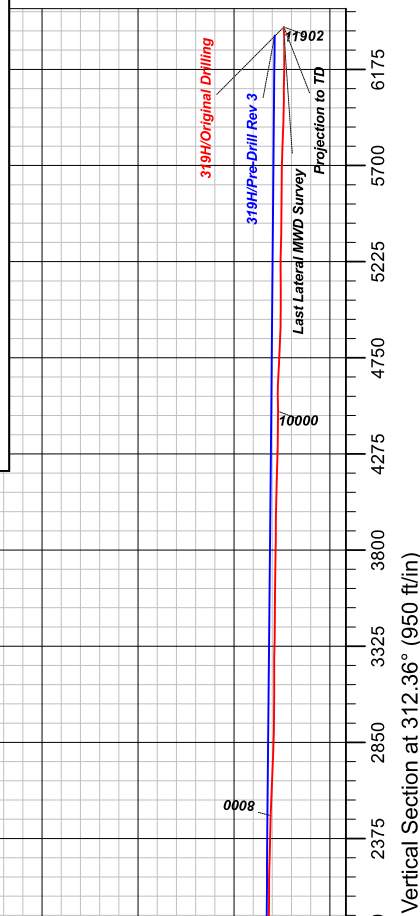
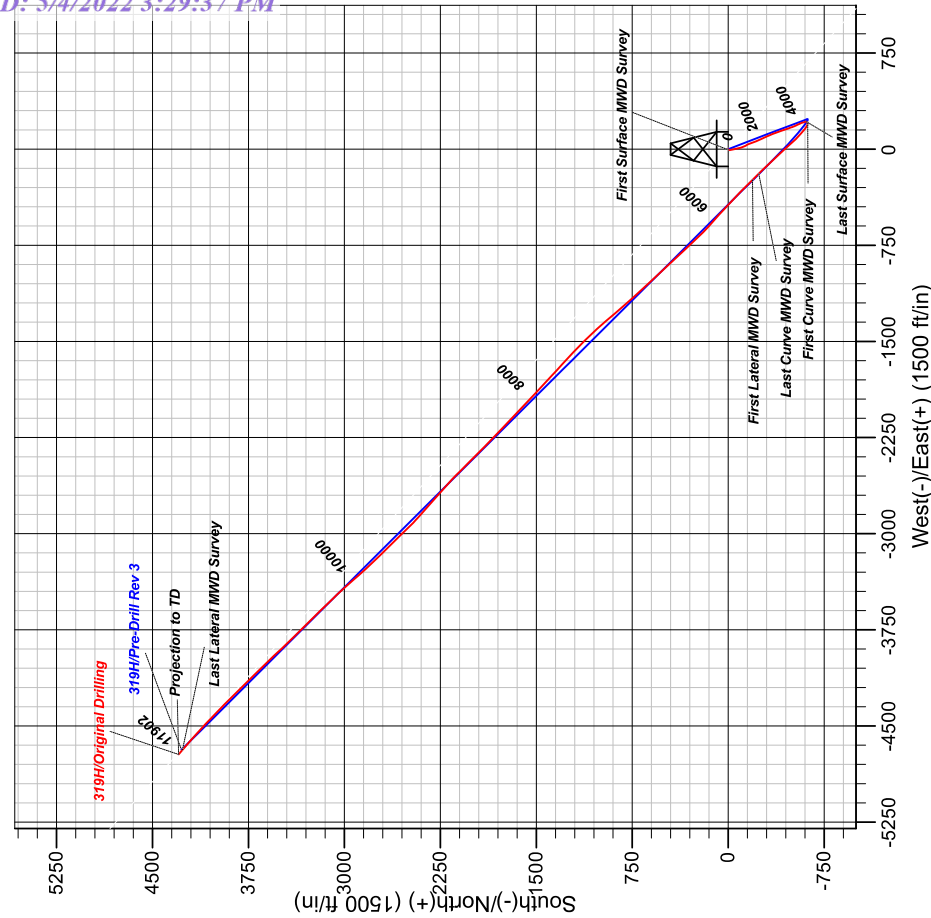
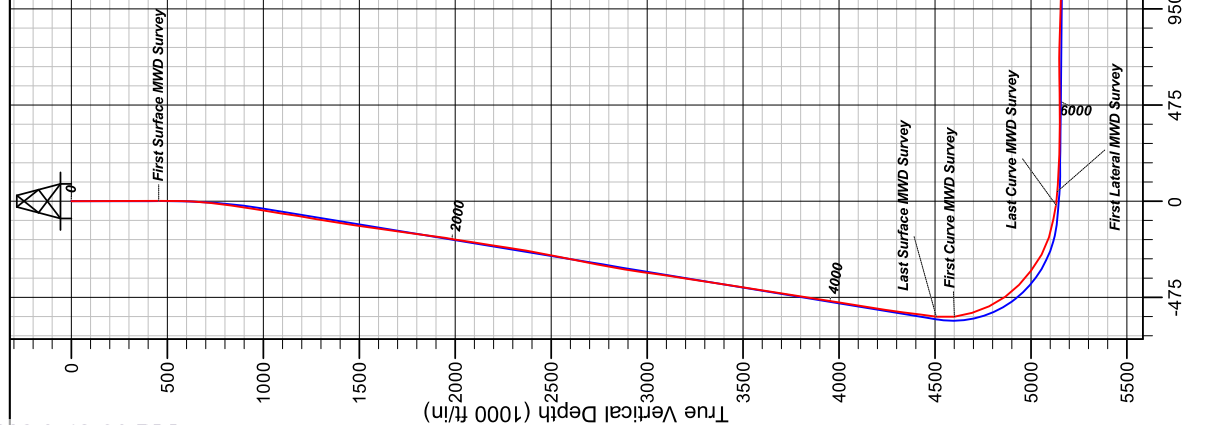


Company Name: DJR Operating
Project: Nageezi Unit
Site: M35 2409
Well: 319H
Wellbore: Original Drilling



WELL DETAILS: 319H

GL 6865 & RKB 26' @ 689 ft (H&P 443) 6865			
+N/-S	+E/-W	Northing	Longitude
0	0	1915131.17	-107.76648200
1			



Design: Original Drilling (319H/Original Drilling)

Created By: Janie Collins Date: 13:48, January 03 2022

PROJECT DETAILS: Nageezi 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

Nageezi Unit

M35 2409

319H - Slot 1

Original Drilling

Design: Original Drilling

Standard Survey Report

03 January, 2022



www.scientificdrilling.com





Scientific Drilling

Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well 319H - Slot 1
Project:	Nageezi Unit	TVD Reference:	GL 6865' & RKB 26' @ 6891ft (H&P 443)
Site:	M35 2409	MD Reference:	GL 6865' & RKB 26' @ 6891ft (H&P 443)
Well:	319H	North Reference:	True
Wellbore:	Original Drilling	Survey Calculation Method:	Minimum Curvature
Design:	Original Drilling	Database:	Grand Junction

Project	Nageezi 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		M35 2409			
Site Position:		Northing:	1,915,230.54 usft	Latitude:	36.26353000
From:	Lat/Long	Easting:	2,742,788.84 usft	Longitude:	-107.76651800
Position Uncertainty:	0 ft	Slot Radius:	13.20 in	Grid Convergence:	0.04 °

Well	319H - Slot 1					
Well Position	+N/-S	0 ft	Northing:	1,915,131.17 usft	Latitude:	36.26325700
	+E/-W	0 ft	Easting:	2,742,799.52 usft	Longitude:	-107.76648200
Position Uncertainty		0 ft	Wellhead Elevation:	ft	Ground Level:	6865 ft

Wellbore	Original Drilling				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM2021_FILE	12/24/2021	8.62	62.73	49,208.50000000

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	312.36	

Survey Program	Date	1/3/2022			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
455	4561	Survey #1 - Surface MWD Survey (Origin	MWD+HDGM	OWSG MWD + HDGM	
4656	5485	Survey #2 - Curve MWD Survey (Original	MWD+HDGM	OWSG MWD + HDGM	
5552	11,902	Survey #3 - Lateral MWD Survey (Origina	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	
455	1.50	239.08	455	-3	-5	2	0.33	0.33	0.00	
547	2.53	191.55	547	-6	-7	1	2.04	1.12	-51.66	
638	4.58	176.69	638	-11	-7	-3	2.45	2.25	-16.33	
729	6.99	169.02	728	-20	-5	-10	2.78	2.65	-8.43	
822	9.58	169.53	820	-33	-3	-20	2.79	2.78	0.55	
913	10.12	170.67	910	-49	0	-33	0.63	0.59	1.25	
1005	10.94	168.86	1000	-65	3	-46	0.96	0.89	-1.97	



Scientific Drilling

Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well 319H - Slot 1
Project:	Nageezi Unit	TVD Reference:	GL 6865' & RKB 26' @ 6891ft (H&P 443)
Site:	M35 2409	MD Reference:	GL 6865' & RKB 26' @ 6891ft (H&P 443)
Well:	319H	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)	
1096	10.27	163.39	1090	-82	7	-60	1.33	-0.74	-6.01	
1188	10.02	162.26	1180	-97	11	-74	0.35	-0.27	-1.23	
1279	10.20	158.08	1270	-112	17	-88	0.83	0.20	-4.59	
1371	9.40	155.66	1361	-127	23	-102	0.98	-0.87	-2.63	
1461	8.83	152.75	1449	-139	29	-115	0.81	-0.63	-3.23	
1553	8.51	150.35	1540	-152	36	-129	0.52	-0.35	-2.61	
1644	8.85	163.16	1630	-164	41	-141	2.15	0.37	14.08	
1736	7.38	157.77	1721	-176	45	-152	1.80	-1.60	-5.86	
1827	8.52	160.87	1812	-188	50	-164	1.34	1.25	3.41	
1918	8.39	155.89	1902	-201	55	-176	0.82	-0.14	-5.47	
2012	9.62	159.38	1994	-214	60	-189	1.43	1.31	3.71	
2107	9.28	156.62	2088	-229	66	-203	0.60	-0.36	-2.91	
2202	9.20	158.16	2182	-243	72	-217	0.27	-0.08	1.62	
2297	9.42	157.54	2276	-257	78	-231	0.25	0.23	-0.65	
2392	10.09	155.20	2369	-272	84	-245	0.82	0.71	-2.46	
2487	10.42	155.36	2463	-287	91	-261	0.35	0.35	0.17	
2581	11.44	153.18	2555	-303	99	-277	1.17	1.09	-2.32	
2676	12.41	157.23	2648	-321	107	-296	1.35	1.02	4.26	
2771	11.68	158.46	2741	-339	115	-313	0.81	-0.77	1.29	
2866	9.92	160.16	2834	-356	121	-329	1.88	-1.85	1.79	
2961	9.37	159.83	2928	-371	127	-343	0.58	-0.58	-0.35	
3056	8.79	159.61	3022	-385	132	-357	0.61	-0.61	-0.23	
3151	9.49	159.76	3116	-399	137	-370	0.74	0.74	0.16	
3246	9.18	159.98	3209	-414	142	-384	0.33	-0.33	0.23	
3341	9.58	160.30	3303	-428	148	-397	0.42	0.42	0.34	
3436	9.35	161.36	3397	-443	153	-411	0.30	-0.24	1.12	
3531	9.47	160.54	3490	-458	158	-425	0.19	0.13	-0.86	
3626	9.36	161.46	3584	-472	163	-439	0.20	-0.12	0.97	
3721	9.85	160.61	3678	-487	168	-452	0.54	0.52	-0.89	
3816	8.86	161.96	3772	-502	173	-466	1.07	-1.04	1.42	
3911	9.42	155.48	3865	-516	178	-479	1.23	0.59	-6.82	
4006	10.06	154.39	3959	-530	185	-494	0.70	0.67	-1.15	
4101	9.91	154.62	4053	-545	192	-510	0.16	-0.16	0.24	
4196	8.93	155.77	4146	-559	199	-524	1.05	-1.03	1.21	
4291	8.88	161.01	4240	-573	204	-537	0.86	-0.05	5.52	
4386	7.93	162.43	4334	-586	209	-549	1.02	-1.00	1.49	
4481	8.91	164.38	4428	-600	213	-561	1.07	1.03	2.05	
4561	8.62	171.39	4507	-611	215	-571	1.38	-0.36	8.76	
4656	13.33	251.93	4601	-622	206	-571	15.36	4.96	84.78	
4751	16.01	303.44	4693	-618	184	-553	13.54	2.82	54.22	



Scientific Drilling

Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well 319H - Slot 1
Project:	Nageezi Unit	TVD Reference:	GL 6865' & RKB 26' @ 6891ft (H&P 443)
Site:	M35 2409	MD Reference:	GL 6865' & RKB 26' @ 6891ft (H&P 443)
Well:	319H	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)	
4846	24.79	307.77	4782	-599	158	-520	9.37	9.24	4.56	
4941	34.13	310.19	4865	-569	121	-473	9.91	9.83	2.55	
5036	44.54	314.60	4938	-529	77	-413	11.34	10.96	4.64	
5131	52.39	320.31	5001	-476	29	-342	9.40	8.26	6.01	
5226	58.43	318.29	5055	-417	-22	-265	6.59	6.36	-2.13	
5321	72.86	316.22	5094	-353	-80	-179	15.32	15.19	-2.18	
5415	78.39	315.61	5117	-288	-144	-88	5.92	5.88	-0.65	
5485	80.72	315.53	5130	-239	-192	-19	3.33	3.33	-0.11	
5552	86.55	315.58	5137	-191	-238	47	8.70	8.70	0.07	
5647	86.52	314.91	5143	-124	-305	142	0.70	-0.03	-0.71	
5741	87.82	313.52	5148	-59	-372	236	2.02	1.38	-1.48	
5836	89.83	313.10	5150	7	-442	331	2.16	2.12	-0.44	
5929	90.20	312.34	5150	70	-510	424	0.91	0.40	-0.82	
6023	90.27	311.52	5149	132	-580	518	0.88	0.07	-0.87	
6117	91.51	314.03	5148	196	-649	612	2.98	1.32	2.67	
6211	89.56	316.96	5147	263	-715	705	3.74	-2.07	3.12	
6305	88.16	317.57	5149	332	-778	799	1.62	-1.49	0.65	
6399	88.13	317.59	5152	402	-842	893	0.04	-0.03	0.02	
6492	88.23	317.09	5155	470	-905	985	0.55	0.11	-0.54	
6586	87.89	316.54	5158	538	-969	1079	0.69	-0.36	-0.59	
6681	88.86	316.46	5161	607	-1034	1174	1.02	1.02	-0.08	
6775	90.10	318.14	5162	676	-1098	1267	2.22	1.32	1.79	
6869	89.93	318.20	5162	746	-1161	1361	0.19	-0.18	0.06	
6964	88.36	319.13	5163	818	-1224	1455	1.92	-1.65	0.98	
7055	88.63	319.37	5165	887	-1283	1546	0.40	0.30	0.26	
7146	88.06	319.97	5168	956	-1342	1636	0.91	-0.63	0.66	
7237	86.38	318.12	5172	1025	-1401	1726	2.74	-1.85	-2.03	
7327	87.22	315.29	5178	1090	-1463	1816	3.28	0.93	-3.14	
7417	88.53	313.82	5181	1153	-1527	1905	2.19	1.46	-1.63	
7507	89.60	314.11	5182	1216	-1592	1995	1.23	1.19	0.32	
7598	90.10	313.34	5183	1279	-1658	2086	1.01	0.55	-0.85	
7689	89.06	311.48	5183	1340	-1725	2177	2.34	-1.14	-2.04	
7781	88.16	313.46	5185	1402	-1793	2269	2.36	-0.98	2.15	
7873	88.63	312.53	5188	1465	-1860	2361	1.13	0.51	-1.01	
7964	87.69	313.85	5191	1527	-1926	2452	1.78	-1.03	1.45	
8055	88.49	313.42	5194	1590	-1992	2543	1.00	0.88	-0.47	
8145	87.15	313.90	5197	1652	-2057	2633	1.58	-1.49	0.53	
8236	88.16	313.05	5201	1714	-2123	2724	1.45	1.11	-0.93	
8326	86.68	313.41	5205	1776	-2189	2814	1.69	-1.64	0.40	
8417	89.06	315.09	5209	1839	-2254	2905	3.20	2.62	1.85	



Scientific Drilling

Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well 319H - Slot 1
Project:	Nageezi Unit	TVD Reference:	GL 6865' & RKB 26' @ 6891ft (H&P 443)
Site:	M35 2409	MD Reference:	GL 6865' & RKB 26' @ 6891ft (H&P 443)
Well:	319H	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)
8509	89.93	313.68	5209	1904	-2320	2997	1.80	0.95	-1.53
8599	89.23	315.23	5210	1967	-2384	3087	1.89	-0.78	1.72
8689	90.50	314.86	5210	2030	-2447	3177	1.47	1.41	-0.41
8780	89.06	315.07	5211	2095	-2512	3267	1.60	-1.58	0.23
8870	89.33	313.29	5212	2158	-2576	3357	2.00	0.30	-1.98
8962	88.96	311.22	5213	2219	-2644	3449	2.29	-0.40	-2.25
9054	90.33	312.87	5214	2281	-2713	3541	2.33	1.49	1.79
9145	88.80	310.32	5214	2341	-2781	3632	3.27	-1.68	-2.80
9235	89.73	312.07	5216	2401	-2848	3722	2.20	1.03	1.94
9327	88.56	313.81	5217	2463	-2916	3814	2.28	-1.27	1.89
9418	89.87	315.90	5218	2527	-2980	3905	2.71	1.44	2.30
9510	89.13	316.75	5219	2594	-3044	3997	1.22	-0.80	0.92
9600	88.36	314.43	5221	2658	-3107	4087	2.72	-0.86	-2.58
9691	87.62	315.83	5224	2723	-3171	4178	1.74	-0.81	1.54
9780	88.23	317.55	5227	2787	-3232	4266	2.05	0.69	1.93
9872	89.70	317.23	5229	2855	-3294	4358	1.64	1.60	-0.35
9963	89.77	318.70	5230	2923	-3355	4449	1.62	0.08	1.62
10,054	91.20	318.03	5229	2991	-3416	4539	1.74	1.57	-0.74
10,145	86.82	317.47	5230	3058	-3477	4630	4.85	-4.81	-0.62
10,237	87.05	316.26	5235	3125	-3540	4721	1.34	0.25	-1.32
10,329	87.59	314.89	5240	3191	-3604	4813	1.60	0.59	-1.49
10,421	88.56	316.37	5243	3256	-3668	4905	1.92	1.05	1.61
10,512	89.73	315.76	5244	3322	-3731	4995	1.45	1.29	-0.67
10,603	90.57	314.47	5244	3386	-3796	5086	1.69	0.92	-1.42
10,693	90.57	316.07	5243	3450	-3859	5176	1.78	0.00	1.78
10,785	88.39	317.58	5244	3517	-3922	5268	2.88	-2.37	1.64
10,876	88.66	316.41	5246	3584	-3984	5359	1.32	0.30	-1.29
10,966	89.57	315.38	5247	3649	-4046	5448	1.53	1.01	-1.14
11,056	88.93	314.91	5249	3712	-4110	5538	0.88	-0.71	-0.52
11,146	90.90	315.92	5249	3777	-4173	5628	2.46	2.19	1.12
11,237	87.29	315.61	5250	3842	-4237	5719	3.98	-3.97	-0.34
11,328	87.36	314.96	5254	3906	-4301	5810	0.72	0.08	-0.71
11,419	88.56	314.43	5258	3970	-4365	5901	1.44	1.32	-0.58
11,509	90.13	313.83	5259	4033	-4430	5991	1.87	1.74	-0.67
11,602	88.69	313.13	5260	4097	-4497	6084	1.72	-1.55	-0.75
11,697	88.90	312.22	5262	4161	-4567	6179	0.98	0.22	-0.96
11,791	90.40	311.18	5262	4224	-4637	6273	1.94	1.60	-1.11
11,856	91.31	310.29	5261	4266	-4687	6338	1.96	1.40	-1.37
11,902	91.31	310.29	5260	4296	-4722	6383	0.00	0.00	0.00



Scientific Drilling

Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well 319H - Slot 1
Project:	Nageezi Unit	TVD Reference:	GL 6865' & RKB 26' @ 6891ft (H&P 443)
Site:	M35 2409	MD Reference:	GL 6865' & RKB 26' @ 6891ft (H&P 443)
Well:	319H	North Reference:	True
Wellbore:	Original Drilling	Survey Calculation Method:	Minimum Curvature
Design:	Original Drilling	Database:	Grand Junction

Design Targets									
Target Name									
- hit/miss target	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- Shape	(°)	(°)	(ft)	(ft)	(ft)	(usft)	(usft)		
319H 85° Casing Rev 3	0.00	0.00	5137	-292	-142	1,914,839.01	2,742,657.39	36.26245466	-107.76696483
- actual wellpath misses target center by 20ft at 5415ft MD (5117 TVD, -288 N, -144 E)									
- Point									
319H Heel Rev 2	0.00	0.00	5152	-136	-302	1,914,994.82	2,742,497.53	36.26288300	-107.76750670
- actual wellpath misses target center by 11ft at 5637ft MD (5143 TVD, -131 N, -298 E)									
- Circle (radius 50)									
319H Toe Rev 2	0.00	0.00	5212	4273	-4686	1,919,400.58	2,738,110.61	36.27499320	-107.78237970
- actual wellpath misses target center by 50ft at 11856ft MD (5261 TVD, 4266 N, -4687 E)									
- Circle (radius 100)									

Design Annotations				
Measured Depth	Vertical Depth	Local Coordinates		Comment
(ft)	(ft)	+N/-S (ft)	+E/-W (ft)	
455	455	-3	-5	First Surface MWD Survey
4561	4507	-611	215	Last Surface MWD Survey
4656	4601	-622	206	First Curve MWD Survey
5485	5130	-239	-192	Last Curve MWD Survey
5552	5137	-191	-238	First Lateral MWD Survey
11,856	5261	4266	-4687	Last Lateral MWD Survey
11,902	5260	4296	-4722	Projection to TD

Checked By: _____ Approved By: _____ Date: _____

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 104208

ACKNOWLEDGMENTS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 104208
	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 104208

CONDITIONS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 104208
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	RT EXPIRES 9/12/2022	6/30/2022