

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 1 Road 3263 Aztec, NM 87410		² OGRID Number 371838	
		³ Reason for Filing Code/ Effective Date NW	
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 07/19/22		¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date	

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
248440	Western Refining Company, LP	O
	6500 Townbridge Drive, El Paso, TX 79905	
151618	Enterprise Field Services, LLC	G
	Post Office Box 4503, Houston, TX 77001	

IV. Well Completion Data

²¹ Spud Date 11/02/21	²² Ready Date 07/11/22	²³ TD 11,902’ MD 5,260’ TVD	²⁴ PBTD 11,883’ MD 5,260’ TVD	²⁵ Perforations 5,674’-11,828’ MD 5,144’- 5,259’ 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
		2.875” 6.5# L80 Tubing		5,481’	

V. Well Test Data

³¹ Date New Oil 07/12/22	³² Gas Delivery Date 07/19/22	³³ Test Date 07/14/22	³⁴ Test Length 24	³⁵ Tbg. Pressure 291	³⁶ Csg. Pressure 854
³⁷ Choke Size 44/64	³⁸ Oil 802	³⁹ Water 651	⁴⁰ Gas 985		⁴¹ Test Method Flowing
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>1/27/2023</i>		
Date: 08/22/22		Phone: 505-716-3297			

DISTRICT I

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

DISTRICT II

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

DISTRICT III

1000 Rio Brazos Rd., Aztec, N.M. 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV

1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department

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

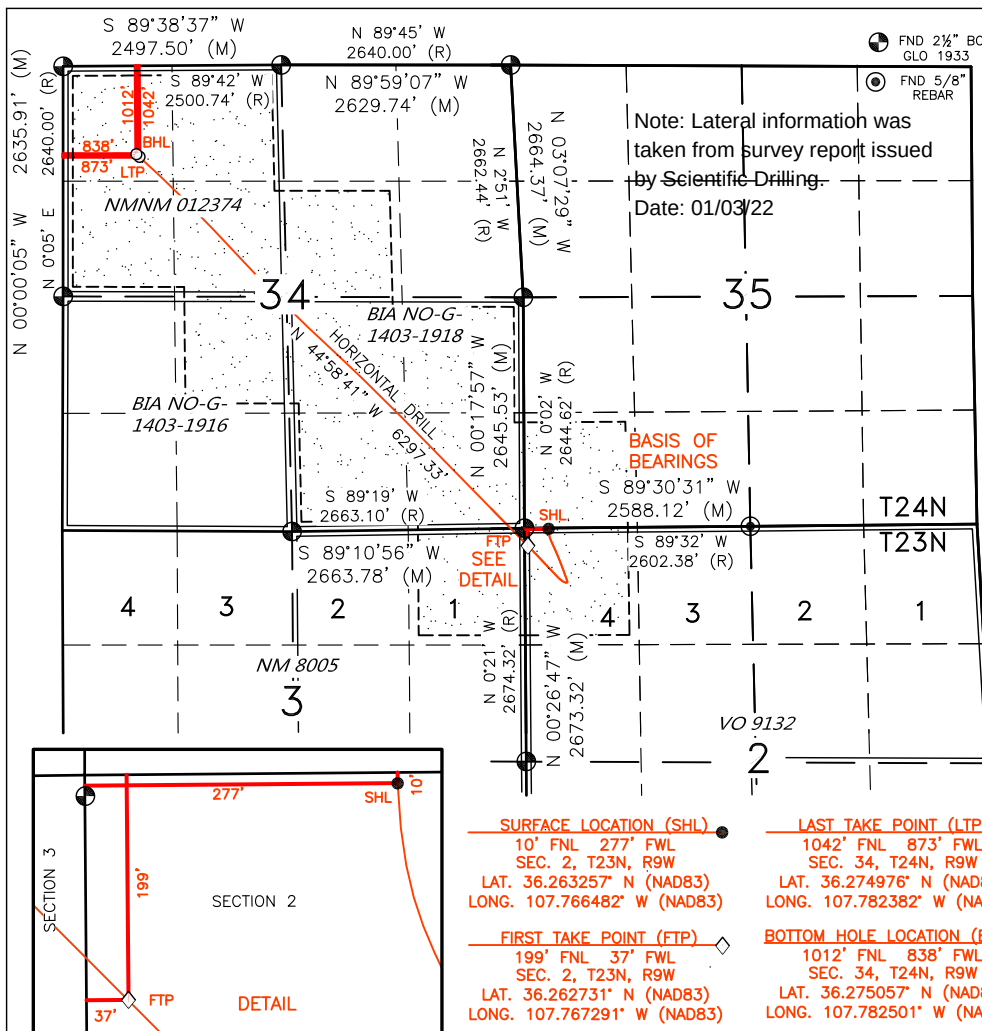
¹² Dedicated Acres **PENETRATED SPACING UNIT;**
SEC 35: SW/SW (40 AC.); SEC 2: NW/NW (40.85 AC.);
SEC 3: NE/NE (40.81 AC.); SEC 34: SE/4, SW/NE,
NE/SW & NW/4 (521.66 AC.) = 521.66 ACRES TOTAL

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

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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

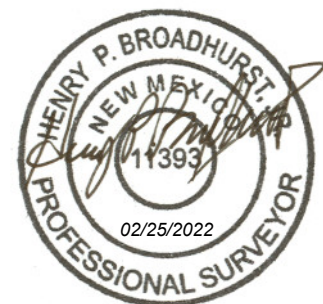
SURVEYOR CERTIFICATION

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

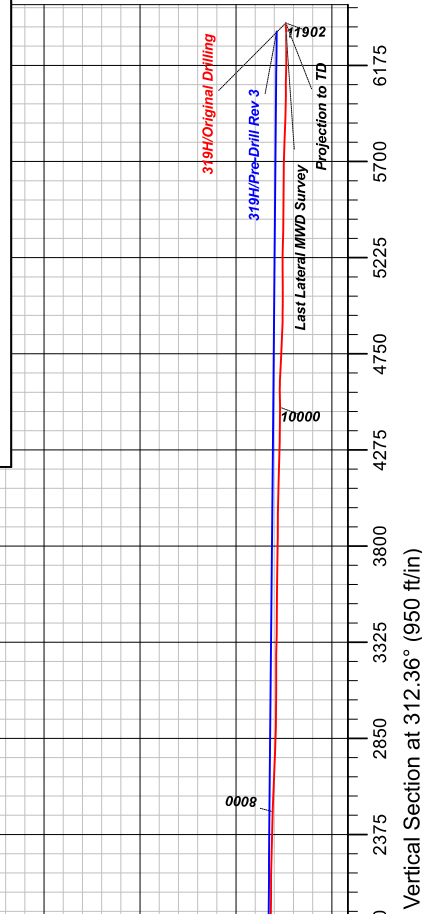
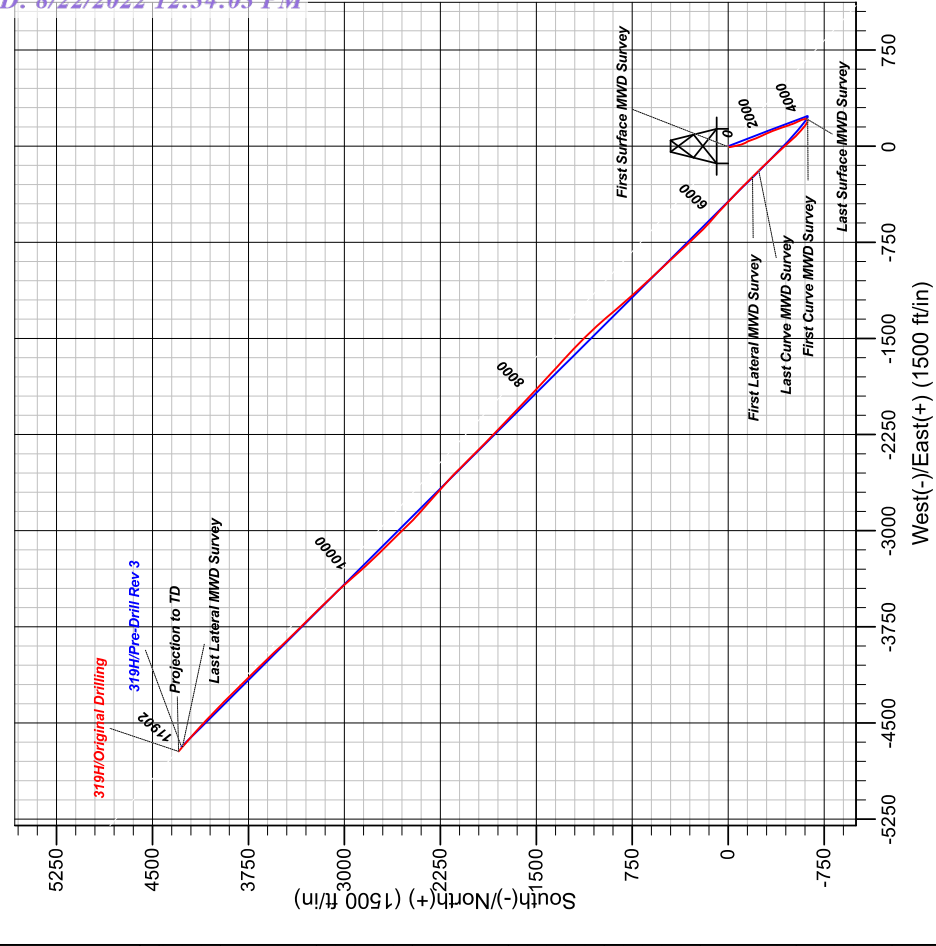
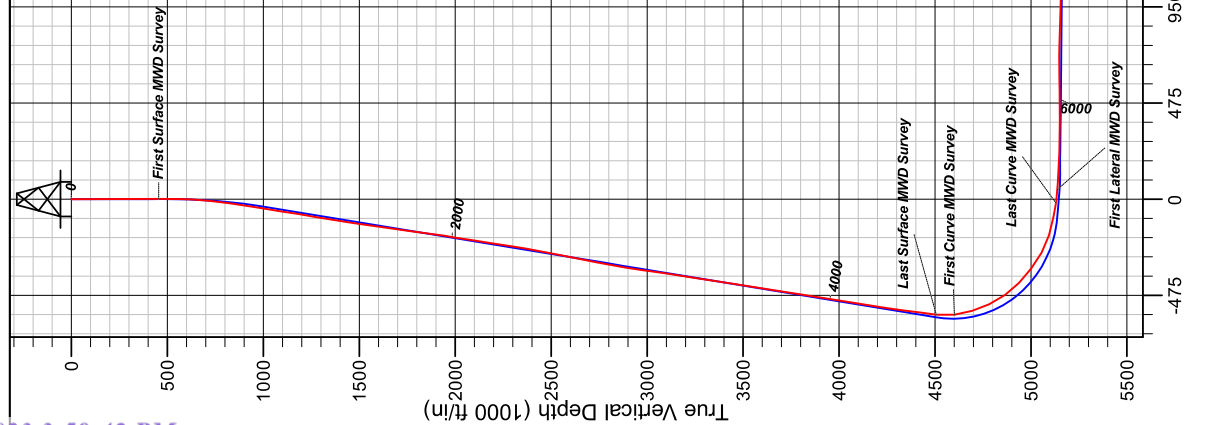


Company Name: DJR Operating
Project: Nageezi Unit
Site: M35 2409
Well: 319H
Wellbore: Original Drilling



WELL DETAILS: 319H

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



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			
(ft)	(ft)	+N/-S (ft)	+E/-W (ft)	Comment	
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: _____
-------------------	--------------------	-------------

Well Name: NAGEEZI UNIT	Well Location: T23N / R9W / SEC 2 / NWNW / 36.263257 / -107.766482	County or Parish/State: SAN JUAN / NM
Well Number: 319H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM008005, NMNM8005	Unit or CA Name:	Unit or CA Number: NMNM132981A
US Well Number: 3004538199	Well Status: Drilling Well	Operator: DJR OPERATING LLC

Subsequent Report

Sundry ID: 2681390

Type of Submission: Subsequent Report	Type of Action: Hydraulic Fracturing
Date Sundry Submitted: 07/12/2022	Time Sundry Submitted: 07:47
Date Operation Actually Began: 06/12/2022	

Actual Procedure: Completion Sundry 5/26/22: PT 4.5" x 7" casing, 2k (10min). Bleed down 7" to 1k, bring pressure up to 7500 (15min). PT void & seals 5k. Install two-way check & test L400 H9000 (5min). All tests good & recorded on chart. 6/12/22 to 6/15/22: Perf, Plug & Frac 21 stages with 3 spf with .35" diameter from 5674' – 11828' MD (5144' – 5259' TVD). Total of 735 open holes. Plugs set from 5953' – 11548'. KP at 5470'. As pumped: 35,567 bbls of fluid. 6,447,610 lbs of proppant. 60,082,361 scf of N2. RD frac, N2 & WL. WSI&S. 7/9/22 to 7/10/22: MIRU AWS 812. NU BOPE. Full function PT L350 (15min) H2500 (15min). All test good & recorded on chart. TIH. Drill out plugs. TOH. 7/11/22: Change over tubing rams. PT L500 H2850 (15min), test good & recorded on chart. RIH with production string. Land 168 jts of 2.875" 6.5# L80 STC tubing. EOT: 5481'. Three GLVs set at 2012' – 3352' – 4460'. TOH. ND BOP. NU production tree & PT L500 H5000 (30min). Test good & recorded on chart. Turn well over to production. Rig AWS 812 released on 7/11/22.

Well Name: NAGEEZI UNIT	Well Location: T23N / R9W / SEC 2 / NWNW / 36.263257 / -107.766482	County or Parish/State: SAN JUAN / NM
Well Number: 319H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM008005, NMNM8005	Unit or CA Name:	Unit or CA Number: NMNM132981A
US Well Number: 3004538199	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: JUL 12, 2022 07:47 AM
Name: DJR OPERATING LLC	
Title: Regulatory Specialist	
Street Address: 1 Road 3263	
City: Aztec	State: NM
Phone: (505) 632-3476	
Email address: sford@djrlc.com	

Field

Representative Name:		
Street Address:		
City:	State:	Zip:
Phone:		
Email address:		

BLM Point of Contact

BLM POC Name: KENNETH G RENNICK	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5055647742	BLM POC Email Address: krennick@blm.gov
Disposition: Accepted	Disposition Date: 07/14/2022
Signature: Kenneth Rennick	



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

Well Completion Print

08/03/2022

Operator Name DJR OPERATING LLC	Well Name NAGEEZI UNIT	Well Number 319H	US Well Number 3004538199
SHL NWNW Sec 2 23N 9W	County SAN JUAN	State NM	Lease Number(s) NMNM008005, NMNM8005
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s) NMNM132981A
Allottee/Tribe Name	Well Pad Name NAGEEZI UNIT	Well Pad Number 314H, 315H, 316H, 318H, 319H	ID 10400054497

Section 1 - General

Well Completion Report Id: 85531	Submission Date: N/A until DB	
BLM Office: Farmington Field Office	User: SHAW-MARIE FORD	Title: Regulatory Specialist
Federal/Indian: FEDERAL	Lease Number: NMNM008005	Lease Acres: 2083.66
Agreement in place?: YES	Federal or Indian Agreement:	
Agreement Number:	Agreement Name:	
Keep this Well Completion Report confidential?: NO		
APD Operator: DJR OPERATING LLC		

Section 2 - Well

Field/Pool or Exploratory:	Pool Name: Nageezi Unit; Mancos	Field Name: BASIN MANCOS
Well Type: OIL WELL		
Spud Date: 11-02-2021		
Date Total Measured Depth Reached: 12-30-2021		
Drill & Abandon or Ready To Produce: READY TO		
Well Class: HORIZONTAL		

Section 3 - Geologic

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral
OJO ALAMAO	SHALE		-839	686	686	USEABLE WATER	
KIRTLAND	SANDSTONE		-1678	839	841	NONE	

Operator Name DJR OPERATING LLC	Well Name NAGEEZI UNIT	Well Number 319H	US Well Number 3004538199
SHL NWNW Sec 2 23N 9W	County SAN JUAN	State NM	Lease Number(s) NMNM008005, NMNM8005
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s) NMNM132981A
Allottee/Tribe Name	Well Pad Name NAGEEZI UNIT	Well Pad Number 314H, 315H, 316H, 318H, 319H	ID 10400054497

Section 3 - Geologic

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral
FRUITLAND	COAL		-1967	1128	1134	NATURAL GAS	
PICTURED CLIFFS	SANDSTONE		-2313	1474	1484	USEABLE WATER	
LEWIS	SHALE		-2410	1571	1582	NONE	
CHACRA	SANDSTONE		-3053	2214	2233	NONE	
MENEFEE	COAL, SANDSTONE		-3802	2963	2991	NATURAL GAS	
POINT LOOKOUT	SANDSTONE		-4756	3917	3957	NONE	
MANCOS	SHALE		-4931	4092	4134	NONE	
MANCOS	SILTSTONE		-5249	4410	4454	NATURAL GAS, OIL	
GALLUP	SILTSTONE		-5744	4905	5090	NATURAL GAS, OIL	
GALLUP	SANDSTONE		-5783	4944	5199	NATURAL GAS, OIL	
GALLUP	SANDSTONE		-5808	4969	5373	NATURAL GAS, OIL	

Completion and Completed

Operator Name DJR OPERATING LLC	Well Name NAGEEZI UNIT	Well Number 319H	US Well Number 3004538199
SHL NWNW Sec 2 23N 9W	County SAN JUAN	State NM	Lease Number(s) NMNM008005, NMNM8005
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s) NMNM132981A
Allottee/Tribe Name	Well Pad Name NAGEEZI UNIT	Well Pad Number 314H, 315H, 316H, 318H, 319H	ID 10400054497

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	NMNM132981A	NMNM8005	NEW		POW	07-11-2022	07-12-2022	GALLUP	5674	11828	Y	.35	735	OPEN

Treatment Data

Wellbore Code	Completion Code	Interval Number	Interval Treated?	Treatment Type	Total Fluid (bbls)	Total Proppant (lbs)	Treatment Remarks
00	S1	1	Y	FRAC	35567	6447610	Chemical Disclosure uploaded to FracFocus on 06/29/22

Production Data

Wellbore Code	Completion Code	Interval Number	API Oil Gravity	Gas Gravity	Production Method	Describe Production	Disposition of Gas	Describe Disposition
00	S1	1			GAS LIFT		SOLD	

Operator Name DJR OPERATING LLC	Well Name NAGEEZI UNIT	Well Number 319H	US Well Number 3004538199
SHL NWNW Sec 2 23N 9W	County SAN JUAN	State NM	Lease Number(s) NMNM008005, NMNM8005
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s) NMNM132981A
Allottee/Tribe Name	Well Pad Name NAGEEZI UNIT	Well Pad Number 314H, 315H, 316H, 318H, 319H	ID 10400054497

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	07/14/2022	24	802	985	651	1228	44/64	291		854

Well Location

Survey Type: RECTANGULAR

Survey Number:

Datum: NAD83

Vertical Datum: NAVD88

Reference Datum: GL

	State	Meridian	County	Latitude	Longitude	Elevation (MSL)	Lease Type	Lease Number	Plug TVD (ft)	Plug MD (ft)	Plug Type	NS-Foot	NS-Indicator	EW-Foot	EW-Indicator	Township	Range	Section	Aliquot/Lot/Tract
SHL	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.263257	-107.766482	6864	STATE	STATE				10	FNL	277	FWL	23N	9W	2	NWNW
KOP Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.261762	-107.76589	6504	STATE	STATE				10	FNL	277	FWL	23N	9W	2	NWNW
PPP Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.270265	-107.776656	1604	INDIAN	N0G14031916				2581	FSL	2562	FWL	24N	9W	34	NESW
PPP Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.270565	-107.777026	1604	FEDERAL	NMNM12374				2656	FNL	2453	FWL	24N	9W	34	SENW
PPP Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.262271	-107.767955	1604	INDIAN	N0G14031918				1	FSL	157	FEL	24N	9W	34	SESE

Operator Name DJR OPERATING LLC	Well Name NAGEEZI UNIT	Well Number 319H	US Well Number 3004538199
SHL NWNW Sec 2 23N 9W	County SAN JUAN	State NM	Lease Number(s) NMNM008005, NMNM8005
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s) NMNM132981A
Allottee/Tribe Name	Well Pad Name NAGEEZI UNIT	Well Pad Number 314H, 315H, 316H, 318H, 319H	ID 10400054497

	State	Meridian	County	Latitude	Longitude	Elevation (MSL)	Lease Type	Lease Number	Plug TVD (ft)	Plug MD (ft)	Plug Type	NS-Foot	NS-Indicator	EW-Foot	EW-Indicator	Township	Range	Section	Aliquot/Lot/Tract
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.262731	-107.767291	1720	STATE	STATE				199	FNL	37	FWL	23N	9W	2	Lot 4
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.262834	-107.76742	1604	FEDERAL	NMNM 8005				161	FNL	1	FEL	23N	9W	3	NENE
EXIT Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.274976	-107.782382	1604	FEDERAL	NMNM 12374				1042	FNL	873	FWL	24N	9W	34	NWNW
BHL Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.275057	-107.782501	1604	FEDERAL	NMNM 12374	5260	11883		1012	FNL	838	FWL	24N	9W	34	NWNW

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)
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Operator Name DJR OPERATING LLC	Well Name NAGEEZI UNIT	Well Number 319H	US Well Number 3004538199
SHL NWNW Sec 2 23N 9W	County SAN JUAN	State NM	Lease Number(s) NMNM008005, NMNM8005
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s) NMNM132981A
Allottee/Tribe Name	Well Pad Name NAGEEZI UNIT	Well Pad Number 314H, 315H, 316H, 318H, 319H	ID 10400054497

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	355	9.625	36	J-55		ST&C		
00	INTERMEDIATE	8.75	0	5524	7.0	26	J-55		LT&C		
00	LINER	6.125	5262	11897	4.5	11.6	P-110		BUTT		

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		C	109	1.61	0					31.3
00	INTERMEDIATE		G	453	2.34	0	G	154	1.47	4100	229.1
00	LINER		G	583	1.52	5262					157.8

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		5481	5284	6	L-80		ST&C	

Operator Name DJR OPERATING LLC	Well Name NAGEEZI UNIT	Well Number 319H	US Well Number 3004538199
SHL NWNW Sec 2 23N 9W	County SAN JUAN	State NM	Lease Number(s) NMNM008005, NMNM8005
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s) NMNM132981A
Allottee/Tribe Name	Well Pad Name NAGEEZI UNIT	Well Pad Number 314H, 315H, 316H, 318H, 319H	ID 10400054497

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

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: 08/02/2022

Street Address: 1 Road 3263

City: Aztec

State: NM

Zip: 87410

Phone: (505)632-3476

Email address: sford@djrlc.com

Field

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Extension:

Email address:

Attachments

Operator Name DJR OPERATING LLC	Well Name NAGEEZI UNIT	Well Number 319H	US Well Number 3004538199
SHL NWNW Sec 2 23N 9W	County SAN JUAN	State NM	Lease Number(s) NMNM008005, NMNM8005
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s) NMNM132981A
Allottee/Tribe Name	Well Pad Name NAGEEZI UNIT	Well Pad Number 314H, 315H, 316H, 318H, 319H	ID 10400054497

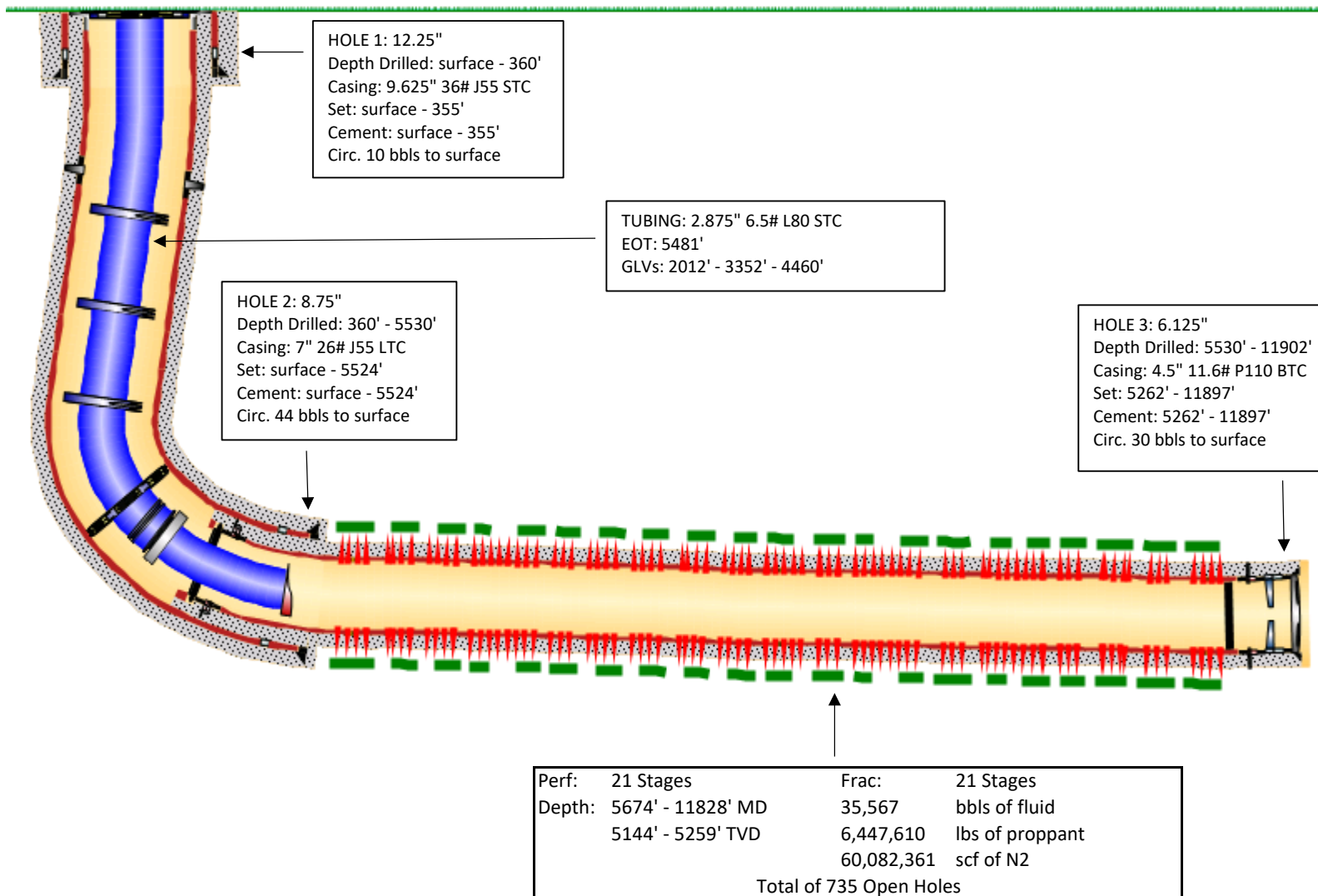
319H_Certified_EOW_DD_Survey_20220729102813.pdf

319H_As_Drilled_Plat_WBD_BLM_20220729102828.pdf

NAGEEZI UNIT 319H
 API: 30-045-38199
 SHL: SWSW D-02-23N-09W
 10' FNL x 277' FWL

Page 22 of 24
 Elevation: 6864' GL
 Spud Date: 11/02/2021
 Completed Date: 07/11/2022

FORMATION	MD	TVD
Ojo Alamo	686'	686'
Kirtland	841'	839'
Fruitland	1134'	1128'
Pictured Cliffs	1484'	1474'
Lewis	1582'	1571'
Chacra	2233'	2214'
Menefee	2991'	2963'
Point Lookout	3957'	3917'
Mancos	4134'	4092'
KOP~	4564'	4510'
Gallup	5090'	4905'
Target	5373'	4969'



(NAD83)	LAT.	LONG.
SHL:	36.263257	-107.766482
FTP:	36.262731	-107.767291
LTP:	36.274976	-107.782382
BHL:	36.275057	-107.782501

BHL: NWNW D-34-24N-09W
 1012' FNL x 838' FWL

11,902'	TD
5,260'	TVD
11,883'	PBTD
11,862'	FracSleeve

District I

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

District II

811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

ACKNOWLEDGMENTS

Action 136355

ACKNOWLEDGMENTS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 136355
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

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

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

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

CONDITIONS

Action 136355

CONDITIONS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 136355
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	1/27/2023