

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 30-045-38198	⁵ Pool Name Nageezi Unit; Mancos (Oil)		⁶ Pool Code 98080
⁷ Property Code 325268	⁸ Property Name Nageezi Unit		⁹ Well Number 318H

II. ¹⁰ Surface Location

Ul or lot no. M	Section 35	Township 24N	Range 09W	Lot Idn	Feet from the 10'	North/South Line South	Feet from the 275'	East/West line West	County San Juan
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¹¹ Bottom Hole Location

UL or lot no. P	Section 02	Township 23N	Range 09W	Lot Idn	Feet from the 358'	North/South line South	Feet from the 203'	East/West line East	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 11/03/21	²² Ready Date 07/19/22	²³ TD 12,032' MD 5,038' TVD	²⁴ PBTD 12,013' MD 5,038' TVD	²⁵ Perforations 5,670'-11,826' MD 5,038'- 5,148' TVD Frac Sleeve @ 11,992'	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set	³⁰ Sacks Cement
12.25		9.625" 36# J55		350'	109
8.75		7" 26# J55		5,448'	593
6.125		4.5" 11.6# P110		TOL: 5,219' BOL: 12,027'	601
		2.875" 6.5# L80 Tubing		5,398'	

V. Well Test Data

³¹ Date New Oil 07/09/22	³² Gas Delivery Date 07/19/22	³³ Test Date 07/11/22	³⁴ Test Length 24	³⁵ Tbg. Pressure 603	³⁶ Csg. Pressure 1014
³⁷ Choke Size 38/64	³⁸ Oil 575	³⁹ Water 202	⁴⁰ Gas 850		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 Approved by: <i>PATRICIA MARTINEZ</i>	
Printed name: Shaw-Marie Ford		Title: <i>PETROLEUM SPECIALIST</i>	
Title: Regulatory Specialist		Approval Date: <i>1/25/2023</i>	
E-mail Address: sford@djrlc.com			
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 30-045-38198		² Pool Code 98080	³ Pool Name NAGEEZI UNIT MANCOS OIL POOL
⁴ Property Code 325268	⁵ Property Name NAGEEZI UNIT		⁶ Well Number 318H
⁷ GRID 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
M	35	24N	9W		10'	SOUTH	275'	WEST	SAN JUAN

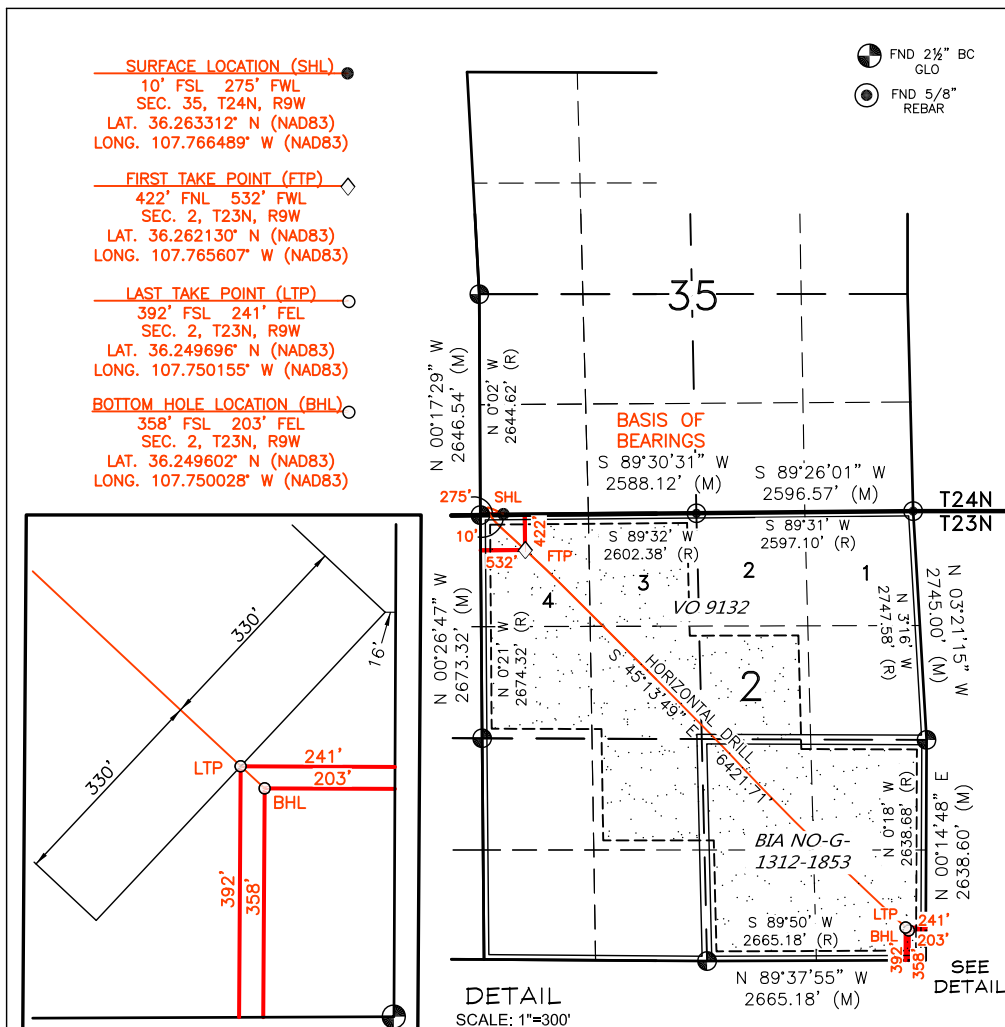
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	2	23N	9W		358'	SOUTH	203'	EAST	SAN JUAN

¹² Dedicated Acres PENETRATED SPACING UNIT; SEC 2: NW/4, SW/NE, NE/SW & SE/4 = 401.80 ACRES TOTAL	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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

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

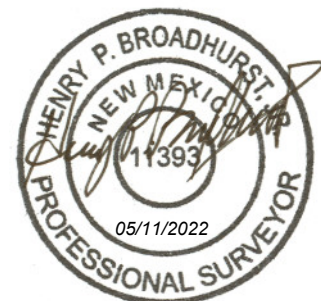
SURVEYOR CERTIFICATION

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, 2022

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 318H
County & State	San Juan, NM
SDI Job No.	OP.031993
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 12,032 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

10-Jan-22

Date

Janie Collins

Contract Well Planner
Scientific Drilling International



DJR

**Nageezi Unit
M35 2409 Pad
#318H**

End of Well Report



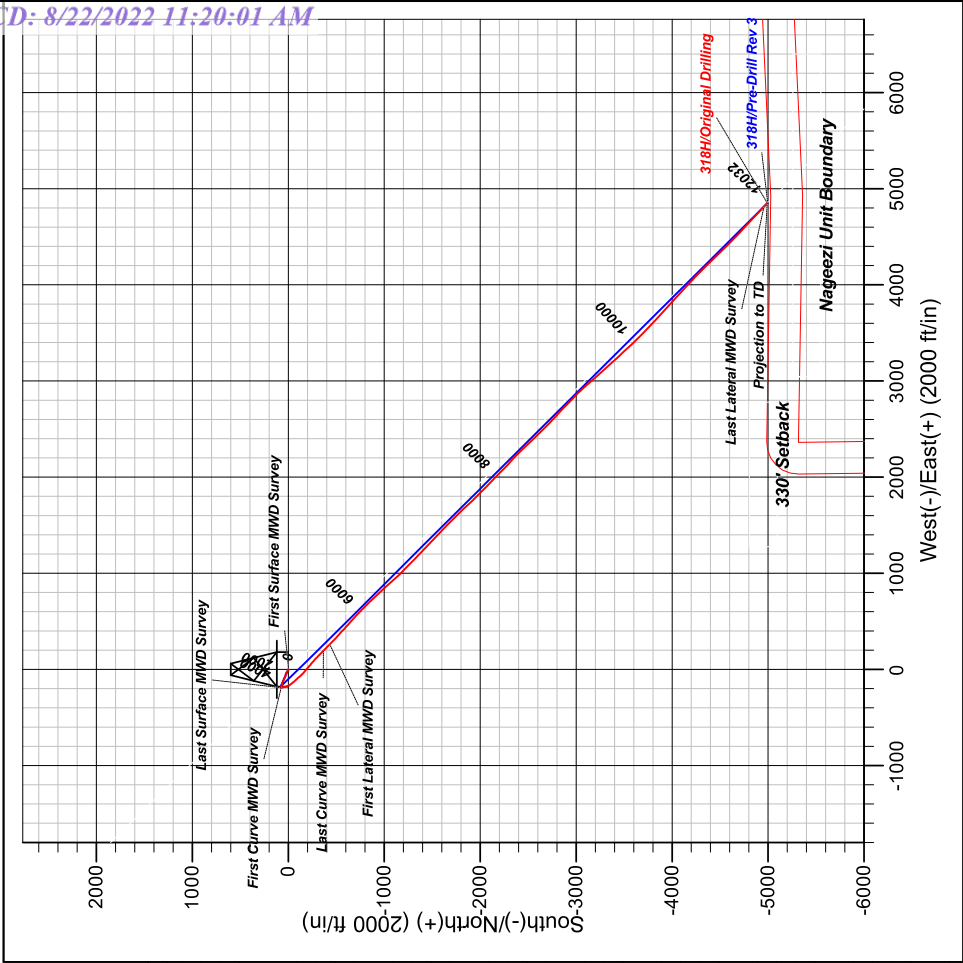
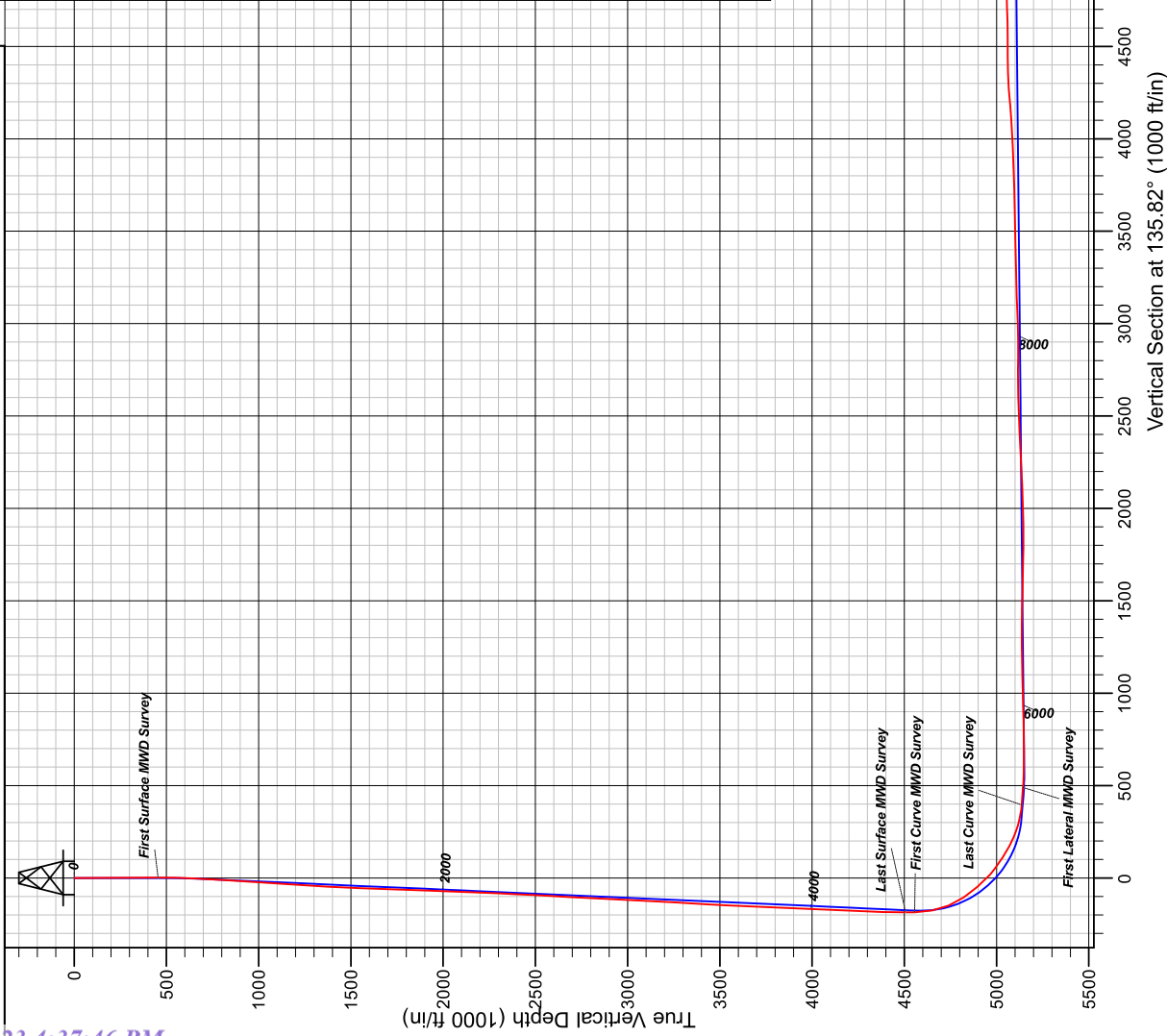
www.scientificdrilling.com



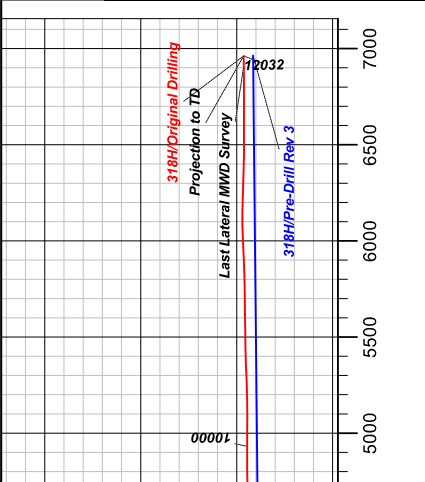
Company Name: DJR Operating
Project: Nageezi Unit
Site: M35 2409
Well: 318H
Wellbore: Original Drilling



WELL DETAILS: 318H			
GL 6865 & RKB 26' @ 689 ft (H&P 443) 6865			
+N/-S	+E/-W	Northing	Longitude
0	0	1915151.19	-107.76648901
		Easting	Latitude
		2742797.44	36.26331200
		2	



Design: Original Drilling (318H/Original Drilling)	PROJECT DETAILS: Nageezi Unit
Created By: Jamie Collins	Geodetic System: US State Plane 1983
Date: 9/26, January 10 2022	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

318H - Slot 2

Original Drilling

Design: Original Drilling

Standard Survey Report

10 January, 2022



www.scientificdrilling.com



Scientific Drilling

Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well 318H - Slot 2
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:	318H	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	318H - Slot 2					
Well Position	+N/-S	0 ft	Northing:	1,915,151.19 usft	Latitude:	36.26331200
	+E/-W	0 ft	Easting:	2,742,797.44 usft	Longitude:	-107.76648901
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)
	HDGM2022	1/1/2022	8.62	62.73	49,204.40000000

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	135.82	

Survey Program	Date	1/10/2022			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
455	4513	Survey #1 - Surface MWD Survey (Origin	MWD+HDGM	OWSG MWD + HDGM	
4562	5459	Survey #2 - Curve MWD Survey (Original	MWD+HDGM	OWSG MWD + HDGM	
5553	12,032	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	0.95	199.44	455	-4	-1	2	0.21	0.21	0.00	
547	1.11	296.80	547	-4	-2	1	1.69	0.17	105.83	
638	3.04	309.90	638	-2	-5	-2	2.17	2.12	14.40	
729	3.21	313.87	729	1	-9	-7	0.30	0.19	4.36	
822	3.47	313.52	822	5	-13	-12	0.28	0.28	-0.38	
913	3.49	318.90	912	9	-16	-18	0.36	0.02	5.91	
1005	3.62	305.61	1004	13	-21	-24	0.90	0.14	-14.45	



Scientific Drilling

Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well 318H - Slot 2
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:	318H	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	3.96	304.69	1095	16	-25	-30	0.38	0.37	-1.01	
1188	4.13	302.92	1187	20	-31	-36	0.23	0.18	-1.92	
1279	3.31	301.58	1278	23	-36	-42	0.91	-0.90	-1.47	
1371	3.44	299.45	1369	26	-41	-47	0.20	0.14	-2.32	
1461	2.55	291.64	1459	28	-45	-51	1.09	-0.99	-8.68	
1553	2.70	279.24	1551	29	-49	-55	0.64	0.16	-13.48	
1644	2.93	276.82	1642	30	-53	-58	0.28	0.25	-2.66	
1736	2.98	267.35	1734	30	-58	-62	0.53	0.05	-10.29	
1827	2.51	275.61	1825	30	-62	-65	0.67	-0.52	9.08	
1918	2.94	272.30	1916	30	-67	-68	0.50	0.47	-3.64	
2012	2.74	289.93	2010	31	-71	-72	0.95	-0.21	18.76	
2107	2.40	290.19	2105	33	-75	-76	0.36	-0.36	0.27	
2202	2.29	282.83	2200	34	-79	-79	0.34	-0.12	-7.75	
2297	3.04	304.13	2294	35	-83	-83	1.29	0.79	22.42	
2392	2.88	293.00	2389	38	-87	-88	0.63	-0.17	-11.72	
2487	2.91	296.55	2484	40	-91	-92	0.19	0.03	3.74	
2581	3.38	297.21	2578	42	-96	-97	0.50	0.50	0.70	
2676	3.56	301.11	2673	45	-101	-103	0.31	0.19	4.11	
2771	3.03	293.99	2768	48	-106	-108	0.70	-0.56	-7.49	
2866	3.06	290.99	2863	49	-111	-112	0.17	0.03	-3.16	
2961	2.84	281.61	2957	51	-115	-117	0.56	-0.23	-9.87	
3056	3.03	306.00	3052	53	-120	-121	1.32	0.20	25.67	
3151	3.47	295.99	3147	56	-124	-126	0.75	0.46	-10.54	
3246	3.72	295.61	3242	58	-129	-132	0.26	0.26	-0.40	
3341	3.47	300.02	3337	61	-135	-138	0.39	-0.26	4.64	
3436	3.43	291.46	3432	63	-140	-143	0.54	-0.04	-9.01	
3531	3.36	282.62	3526	65	-145	-148	0.56	-0.07	-9.31	
3626	2.78	278.25	3621	66	-150	-152	0.66	-0.61	-4.60	
3721	3.28	271.97	3716	66	-155	-156	0.63	0.53	-6.61	
3816	3.05	281.66	3811	67	-160	-160	0.61	-0.24	10.20	
3911	2.58	297.09	3906	68	-165	-164	0.93	-0.49	16.24	
4006	2.81	294.93	4001	70	-169	-168	0.26	0.24	-2.27	
4101	2.76	286.61	4096	72	-173	-172	0.43	-0.05	-8.76	
4196	3.04	309.69	4191	74	-177	-177	1.25	0.29	24.29	
4291	2.27	291.32	4286	77	-181	-181	1.20	-0.81	-19.34	
4386	2.05	265.31	4380	77	-184	-184	1.05	-0.23	-27.38	
4513	2.12	242.56	4507	76	-189	-186	0.65	0.06	-17.91	
4562	2.25	220.17	4556	75	-190	-186	1.75	0.27	-45.69	
4657	13.54	165.88	4650	62	-189	-176	13.01	11.88	-57.15	
4752	24.93	164.09	4740	32	-180	-149	12.00	11.99	-1.88	



Scientific Drilling

Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well 318H - Slot 2
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:	318H	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)	
4847	35.11	153.44	4822	-12	-163	-105	12.06	10.72	-11.21	
4941	40.65	136.25	4896	-58	-129	-49	12.63	5.89	-18.29	
5036	48.40	136.57	4964	-106	-83	18	8.16	8.16	0.34	
5131	57.55	134.44	5021	-160	-30	94	9.80	9.63	-2.24	
5227	60.85	128.70	5070	-215	31	176	6.18	3.44	-5.98	
5322	71.77	131.90	5109	-271	98	262	11.90	11.49	3.37	
5414	80.39	135.25	5131	-333	162	352	10.01	9.37	3.64	
5459	85.88	135.25	5136	-364	194	396	12.20	12.20	0.00	
5553	85.51	134.36	5143	-430	260	490	1.02	-0.39	-0.95	
5648	89.00	132.47	5148	-496	329	585	4.18	3.67	-1.99	
5742	89.50	132.29	5149	-559	398	679	0.57	0.53	-0.19	
5837	91.64	133.81	5148	-624	468	773	2.76	2.25	1.60	
5931	91.31	131.98	5146	-688	537	867	1.98	-0.35	-1.95	
6024	92.15	133.14	5143	-751	605	960	1.54	0.90	1.25	
6118	91.51	134.93	5140	-816	673	1054	2.02	-0.68	1.90	
6212	90.77	136.69	5138	-883	738	1148	2.03	-0.79	1.87	
6306	89.60	137.84	5138	-952	802	1242	1.75	-1.24	1.22	
6400	89.80	137.67	5138	-1022	865	1336	0.28	0.21	-0.18	
6494	89.90	138.79	5138	-1092	928	1430	1.20	0.11	1.19	
6588	88.16	135.46	5140	-1161	992	1524	4.00	-1.85	-3.54	
6682	88.73	134.89	5142	-1227	1058	1618	0.86	0.61	-0.61	
6777	89.20	134.43	5144	-1294	1126	1713	0.69	0.49	-0.48	
6871	89.56	134.14	5145	-1360	1193	1807	0.49	0.38	-0.31	
6965	90.07	133.28	5145	-1425	1261	1901	1.06	0.54	-0.91	
7059	91.84	133.46	5144	-1489	1329	1994	1.89	1.88	0.19	
7154	92.54	132.53	5140	-1554	1399	2089	1.22	0.74	-0.98	
7245	92.31	135.17	5136	-1617	1464	2180	2.91	-0.25	2.90	
7336	93.01	135.24	5132	-1682	1528	2271	0.77	0.77	0.08	
7427	93.68	135.07	5127	-1746	1592	2362	0.76	0.74	-0.19	
7517	92.11	136.52	5122	-1810	1655	2452	2.37	-1.74	1.61	
7607	92.78	136.92	5119	-1876	1717	2542	0.87	0.74	0.44	
7697	89.63	135.04	5117	-1941	1779	2632	4.08	-3.50	-2.09	
7788	89.90	135.01	5117	-2005	1843	2723	0.30	0.30	-0.03	
7879	90.07	134.74	5117	-2069	1908	2814	0.35	0.19	-0.30	
7971	90.60	134.01	5116	-2134	1974	2906	0.98	0.58	-0.79	
8063	91.77	134.45	5115	-2198	2040	2997	1.36	1.27	0.48	
8153	92.41	134.16	5111	-2260	2104	3087	0.78	0.71	-0.32	
8244	90.90	131.95	5109	-2323	2170	3178	2.94	-1.66	-2.43	
8335	92.07	135.13	5106	-2385	2236	3269	3.72	1.29	3.49	
8425	91.37	136.64	5104	-2450	2299	3359	1.85	-0.78	1.68	



Scientific Drilling

Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well 318H - Slot 2
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:	318H	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)	
8516	91.61	136.46	5101	-2516	2361	3450	0.33	0.26	-0.20	
8607	90.77	135.72	5099	-2581	2425	3541	1.23	-0.92	-0.81	
8698	91.27	134.96	5098	-2646	2489	3632	1.00	0.55	-0.84	
8789	91.57	134.77	5095	-2710	2553	3723	0.39	0.33	-0.21	
8970	91.61	132.25	5090	-2835	2684	3904	1.39	0.02	-1.39	
9060	93.25	134.17	5087	-2896	2750	3994	2.80	1.82	2.13	
9152	93.51	134.08	5081	-2960	2816	4085	0.30	0.28	-0.10	
9244	95.33	135.85	5074	-3025	2881	4177	2.76	1.98	1.92	
9335	94.32	138.30	5066	-3092	2942	4268	2.90	-1.11	2.69	
9425	91.67	139.08	5062	-3159	3002	4357	3.07	-2.94	0.87	
9516	90.54	138.53	5060	-3228	3062	4448	1.38	-1.24	-0.60	
9608	89.93	137.24	5060	-3296	3123	4540	1.55	-0.66	-1.40	
9700	91.21	137.84	5059	-3364	3185	4632	1.54	1.39	0.65	
9790	92.28	137.46	5056	-3430	3246	4722	1.26	1.19	-0.42	
9881	90.27	137.94	5054	-3497	3307	4813	2.27	-2.21	0.53	
9970	89.87	137.47	5054	-3563	3367	4902	0.69	-0.45	-0.53	
10,062	89.73	135.03	5054	-3630	3431	4994	2.66	-0.15	-2.65	
10,153	89.70	134.46	5055	-3694	3495	5085	0.63	-0.03	-0.63	
10,244	90.87	133.57	5054	-3757	3561	5176	1.62	1.29	-0.98	
10,335	91.94	132.86	5052	-3819	3627	5267	1.41	1.18	-0.78	
10,427	92.47	132.21	5048	-3881	3695	5359	0.91	0.58	-0.71	
10,518	91.30	133.61	5045	-3943	3761	5449	2.00	-1.29	1.54	
10,610	90.57	132.64	5044	-4006	3829	5541	1.32	-0.79	-1.05	
10,702	90.20	130.74	5043	-4067	3897	5633	2.10	-0.40	-2.07	
10,793	91.37	133.60	5042	-4128	3965	5724	3.40	1.29	3.14	
10,882	90.94	132.86	5040	-4189	4030	5813	0.96	-0.48	-0.83	
10,974	92.65	134.49	5037	-4253	4096	5905	2.57	1.86	1.77	
11,065	93.11	134.39	5033	-4317	4161	5995	0.52	0.51	-0.11	
11,155	91.47	136.93	5029	-4381	4224	6085	3.36	-1.82	2.82	
11,246	87.86	135.75	5030	-4447	4287	6176	4.17	-3.97	-1.30	
11,336	88.09	135.35	5033	-4511	4350	6266	0.51	0.26	-0.44	
11,427	88.29	134.76	5036	-4575	4414	6357	0.68	0.22	-0.65	
11,518	89.10	134.60	5038	-4639	4478	6448	0.91	0.89	-0.18	
11,609	90.13	134.17	5038	-4703	4544	6539	1.23	1.13	-0.47	
11,698	90.50	132.51	5038	-4764	4608	6628	1.91	0.42	-1.87	
11,792	89.43	133.10	5038	-4828	4677	6722	1.30	-1.14	0.63	
11,887	90.27	132.56	5038	-4892	4747	6817	1.05	0.88	-0.57	
11,981	91.17	132.60	5037	-4956	4816	6911	0.96	0.96	0.04	
12,032	91.17	132.60	5036	-4991	4854	6962	0.00	0.00	0.00	



Scientific Drilling

Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well 318H - Slot 2
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:	318H	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)		
318H Toe Rev 1	0.00	0.00	5085	-4994	4853	1,910,160.15	2,747,653.93	36.24959090	-107.75002980
- actual wellpath misses target center by 49ft at 12032ft MD (5036 TVD, -4991 N, 4854 E)									
- Circle (radius 100)									
318H 85° Casing Rev 3	0.00	0.00	5135	-280	172	1,914,871.39	2,742,969.89	36.26254303	-107.76590471
- actual wellpath misses target center by 46ft at 5387ft MD (5126 TVD, -314 N, 143 E)									
- Point									
318H Heel Rev 1	0.00	0.00	5150	-446	336	1,914,705.02	2,743,134.13	36.26208570	-107.76534800
- actual wellpath misses target center by 41ft at 5620ft MD (5147 TVD, -476 N, 308 E)									
- Circle (radius 50)									

Design Annotations				
Measured Depth	Vertical Depth	Local Coordinates		Comment
(ft)	(ft)	+N/-S (ft)	+E/-W (ft)	
455	455	-4	-1	First Surface MWD Survey
4513	4507	76	-189	Last Surface MWD Survey
4562	4556	75	-190	First Curve MWD Survey
5459	5136	-364	194	Last Curve MWD Survey
5553	5143	-430	260	First Lateral MWD Survey
11,981	5037	-4956	4816	Last Lateral MWD Survey
12,032	5036	-4991	4854	Projection to TD

Checked By: _____ Approved By: _____ Date: _____

Well Name: NAGEEZI UNIT	Well Location: T24N / R9W / SEC 35 / SWSW / 36.263312 / -107.766489	County or Parish/State: SAN JUAN / NM
Well Number: 318H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: STATE	Unit or CA Name:	Unit or CA Number: NMNM132981A
US Well Number: 3004538198	Well Status: Drilling Well	Operator: DJR OPERATING LLC

Subsequent Report

Sundry ID: 2681184

Type of Submission: Subsequent Report	Type of Action: Hydraulic Fracturing
Date Sundry Submitted: 07/11/2022	Time Sundry Submitted: 09:33
Date Operation Actually Began: 06/17/2022	

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. 6/17/22 to 6/24/22: Perf, Plug & Frac 21 stages at 3 spf with .35" diameter from 5670' – 11826' MD (5038' – 5148' TVD). Total of 735 open holes. Plugs set from 5954' – 11546'. KP at 5456'. As pumped: 36,499 bbls of fluid. 6,478,350 lbs of proppant. 58,530,850 scf of N2. 6/25/22: RD frac, N2 & WL. WSI&S.7/6/22 to 7/7/22: MIRU AWS 812. NU BOPE. Full function PT L300 H4900. Isolate 7" and 4.5" casing strings & PT surface iron up to flowback manifold L300 (5min) H4900 (10min). All tests good & recorded on chart. TIH. Drill out plugs. TOH. 7/8/22: Change over tubing rams. PT L250 H2500 (15min), test good & recorded on chart. RIH with production string. Land 165 jts of 2.875" 6.5# L80 STC tubing. EOT: 5398'. Three GLVs set at 2006' – 3344' – 4482'. TOH. ND BOP. NU production tree & PT L300 H5000 (30min). Test good & recorded on chart. Turn well over to production. Rig AWS 812 released on 7/8/22.

Well Name: NAGEEZI UNIT	Well Location: T24N / R9W / SEC 35 / SWSW / 36.263312 / -107.766489	County or Parish/State: SAN JUAN / NM
Well Number: 318H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: STATE	Unit or CA Name:	Unit or CA Number: NMNM132981A
US Well Number: 3004538198	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 11, 2022 09:33 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: 07/18/2022
Signature: Kenneth Rennick	



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

Well Completion Print

08/02/2022

Operator Name DJR OPERATING LLC	Well Name NAGEEZI UNIT	Well Number 318H	US Well Number 3004538198
SHL SWSW Sec 35 24N 9W	County SAN JUAN	State NM	Lease Number(s) STATE
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 10400054388

Section 1 - General

Well Completion Report Id: 85534**Submission Date:** N/A until DB**BLM Office:** Farmington Field Office**User:** SHAW-MARIE FORD**Title:** Regulatory Specialist**Federal/Indian:** FEDERAL**Lease Number:** STATE**Lease Acres:** 484**Agreement in place?:** YES**Federal or Indian Agreement:****Agreement Number:****Agreement Name:****Keep this Well Completion Report confidential?:****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:** 11-03-2021**Date Total Measured Depth Reached:** 01-04-2022**Drill & Abandon or Ready To Produce:** READY TO**Well Class:** HORIZONTAL

Section 3 - Geologic

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral
OJO ALAMO	SANDSTONE		6864	685	685	USEABLE WATER	
KIRTLAND	SHALE		-838	838	838	NONE	

Operator Name DJR OPERATING LLC	Well Name NAGEEZI UNIT	Well Number 318H	US Well Number 3004538198
SHL SWSW Sec 35 24N 9W	County SAN JUAN	State NM	Lease Number(s) STATE
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 10400054388

Section 3 - Geologic

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral
FRUITLAND	COAL		-1107	1107	1107	NATURAL GAS	
PICTURED CLIFFS	SANDSTONE		-1457	1457	1457	USEABLE WATER	
LEWIS	SHALE		-1565	1565	1565	NONE	
CHACRA	SANDSTONE		-2242	2242	2243	NONE	
MENEFEE	COAL, SANDSTONE		-2972	2972	2973	NATURAL GAS	
POINT LOOKOUT	SANDSTONE		-3909	3909	3910	NONE	
MANCOS	SHALE		-4074	4074	4075	NONE	
MANCOS	SILTSTONE		-4403	4403	4404	NATURAL GAS, OIL	
GALLUP	SILTSTONE		-4903	4903	4931	NATURAL GAS, OIL	
GALLUP	SANDSTONE		-4944	4944	4983	NATURAL GAS, OIL	
GALLUP	SANDSTONE		-5061	5061	5162	NATURAL GAS, OIL	
GALLUP	SANDSTONE		-5164	5164	5536	NATURAL GAS, OIL	

Completion and Completed

Operator Name DJR OPERATING LLC	Well Name NAGEEZI UNIT	Well Number 318H	US Well Number 3004538198
SHL SWSW Sec 35 24N 9W	County SAN JUAN	State NM	Lease Number(s) STATE
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 10400054388

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	STATE	NEW		POW	07-08-2022	07-09-2022	GALLUP	5670	11826	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	36499	6478350	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 318H	US Well Number 3004538198
SHL SWSW Sec 35 24N 9W	County SAN JUAN	State NM	Lease Number(s) STATE
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 10400054388

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	07/11/2022	24	575	850	202	1478	38/64	603		1014

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	36.263312	-107.766489	6864	FEDERAL	NMNM12374				10	FSL	275	FWL	24N	9W	35	SWSW
KOP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.263312	-107.766489	6514	FEDERAL	NMNM12374				10	FSL	275	FWL	24N	9W	35	SWSW
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.2559	-107.757879	1826	INDIAN	NOG13121853				2658	FSL	2530	FEL	23N	9W	2	NWSE
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.26213	-107.765607	1826	STATE	STATE				422	FNL	532	FWL	23N	9W	2	Lot 4
EXIT Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.249696	-107.750155	1826	INDIAN	NOG13121853				392	FSL	241	FEL	23N	9W	2	SESE

Operator Name DJR OPERATING LLC	Well Name NAGEEZI UNIT	Well Number 318H	US Well Number 3004538198
SHL SWSW Sec 35 24N 9W	County SAN JUAN	State NM	Lease Number(s) STATE
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 10400054388

Aliquot/Lot/Tract	Section	Range	Township	EW-Indicator	EW-Foot	NS-Indicator	NS-Foot	Plug Type	Plug MD (ft)	Plug TVD (ft)	Lease Number	Lease Type	Elevation (MSL)	Longitude	Latitude	County	Meridian	State	
SESE	2	9W	23N	FEL	203	FSL	358		120 13	503 8	N0G13 12185 3	INDIAN	1826	107.7500 28	36.24960 2	SAN JUAN	NEW MEXICO PRINCIPAL	NEW MEXICO	BHL Well bore 00

Casing, Liner and Tubing

Casing and Liner

Amount Pulled (ft)	Other Joint	Joint	Describe Other Casing Grade	Casing Grade	Wt(lbs/ft)	Casing Size	Bottom Setting Depth (MD)	Top Setting Depth (MD)	Hole Size	Casing String Type	Wellbore Code
		ST&C		J-55	36	9.625	350	0	12.25	SURFACE	00
		LT&C		J-55	26	7.0	5448	0	8.75	INTERMEDIATE	00
		BUTT		P-110	11.6	4.5	12027	5219	6.125	LINER	00

Operator Name DJR OPERATING LLC	Well Name NAGEEZI UNIT	Well Number 318H	US Well Number 3004538198
SHL SWSW Sec 35 24N 9W	County SAN JUAN	State NM	Lease Number(s) STATE
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 10400054388

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	452	2.25	0	G	141	1.5	4140	218.8
00	LINER		G	601	1.52	5219					162.7

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		5398	5240	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 NAGEEZI UNIT	Well Number 318H	US Well Number 3004538198
SHL SWSW Sec 35 24N 9W	County SAN JUAN	State NM	Lease Number(s) STATE
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 10400054388

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: 07/29/2022

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:

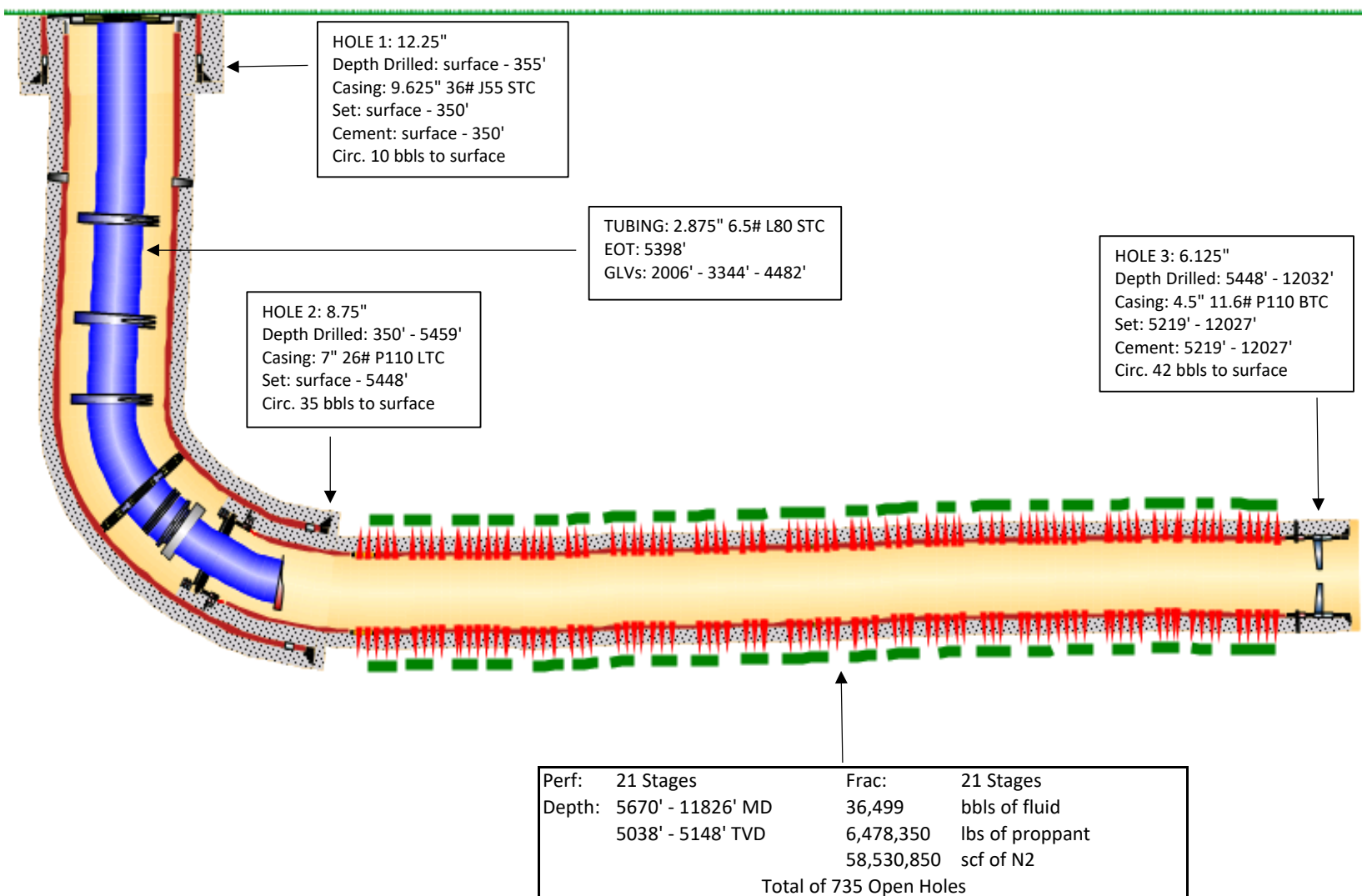
Email address:

Attachments

318H_Certified_EOW_DD_Survey_20220729124532.pdf

318H_As_Drilled_Plat_WBD_BLM_20220729124545.pdf

FORMATION	MD	TVD
Ojo Alamo	685'	685'
Kirtland	838'	838'
Fruitland	1107'	1107'
Pictured Cliffs	1457'	1457'
Lewis	1565'	1565'
Chacra	2243'	2242'
Menefee	2973'	2972'
Point Lookout	3910'	3909'
Mancos	4075'	4074'
KOP~	4570'	4564'
Gallup	4931'	4903'
Target	5536'	5164'



(NAD83)	LAT.	LONG.
SHL:	36.263312	-107.766489
FTP:	36.262130	-107.765607
LTP:	36.249696	-107.750155
BHL:	36.249602	-107.750028

BHL: SESE P-02-23N-09W
 358' FSL x 203' FEL

12,032'	TD
5,038'	TVD
12,013'	PBTD
11,992'	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 136268

ACKNOWLEDGMENTS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 136268
	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 136268

CONDITIONS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 136268
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	1/25/2023