

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 30-045-38207	⁵ Pool Name Nageezi Unit; Mancos (Oil)		⁶ Pool Code 98080
⁷ Property Code 325268	⁸ Property Name Nageezi Unit		⁹ Well Number 309H

II. ¹⁰ Surface Location

Ul or lot no. G	Section 35	Township 24N	Range 09W	Lot Idn	Feet from the 2363'	North/South Line North	Feet from the 2321'	East/West line East	County San Juan
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¹¹ Bottom Hole Location

UL or lot no. J	Section 01	Township 23N	Range 09W	Lot Idn	Feet from the 2168'	North/South line South	Feet from the 2215'	East/West line East	County San Juan
¹² Lse Code F	¹³ Producing Method Code F		¹⁴ Gas Connection Date 09/27/22		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 6500 Townbridge Drive, El Paso, TX 79905	O
151618	Enterprise Field Services, LLC Post Office Box 4503, Houston, TX 77001	G

IV. Well Completion Data

²¹ Spud Date 02/21/22	²² Ready Date 09/09/22	²³ TD 12,991' MD 5,201' TVD	²⁴ PBTD 12,972' MD 5,201' TVD	²⁵ Perforations 6,173'-12,917' MD 5,203'- 5,285' TVD Frac Sleeve @ 12,951'	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set	³⁰ Sacks Cement
12.25		9.625" 36# J55		353'	109
8.75		7" 26# J55		5,634'	606
6.125		4.5" 11.6# P110		TOL: 5,294' BOL: 12,986'	859
		2.875" 6.5# L80 Tubing		5607'	

V. Well Test Data

³¹ Date New Oil 09/10/22	³² Gas Delivery Date 09/27/22	³³ Test Date 09/12/22	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 282	³⁶ Csg. Pressure 860
³⁷ Choke Size 48/64	³⁸ Oil 815	³⁹ Water 390	⁴⁰ Gas 345		⁴¹ Test Method F
⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Shaw-Marie Ford</i>			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>11/16/2022</i>		
E-mail Address: sford@djrlc.com					
Date: 11/15/22		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 30-045-38207	² Pool Code 98080	³ Pool Name NAGEEZI UNIT MANCOS OIL POOL
⁴ Property Code 325268	⁵ Property Name NAGEEZI UNIT	⁶ Well Number 309H
⁷ OGRID No. 371838	⁸ Operator Name DJR OPERATING, LLC	⁹ Elevation 6899'

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
G	35	24N	9W		2363'	NORTH	2321'	EAST	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
J	1	23N	9W		2168'	SOUTH	2215'	EAST	SAN JUAN

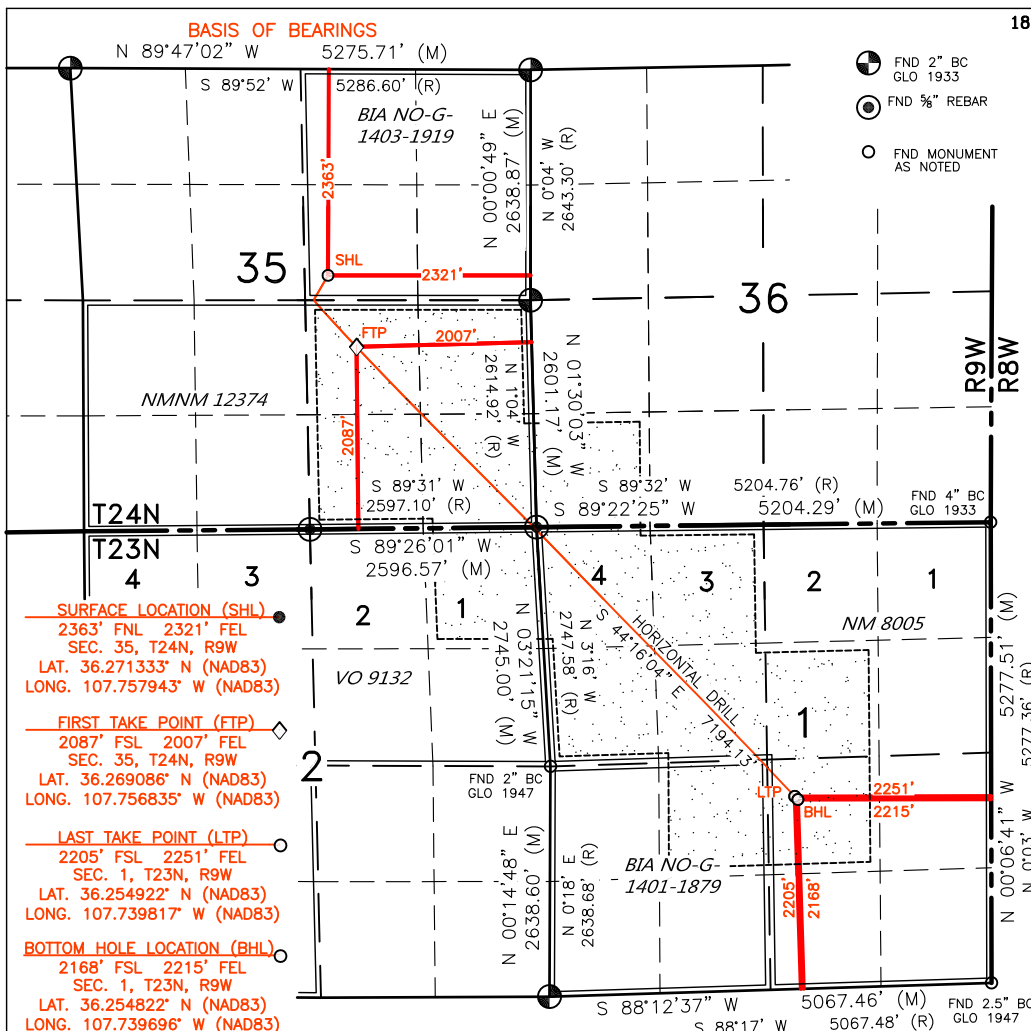
¹² Dedicated Acres PENETRATED SPACING UNIT;
SEC 35: SE/4 (160 AC.); SEC 36: SW/SW (40 AC.); SEC 2: NE/NE (41.15 AC.); SEC 1: NW/4, SW/NE, NE/SW & NW/SE (281.80 AC.) = 522.95 ACRES

¹³ Joint or Infill ¹⁴ Consolidation Code

¹⁶ 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



**Directional Survey Certification**

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

Operator	DJR Operating
Well Name & No.	Nageezi G35 2409 309H
County & State	Ssn Juan, NM
SDI Job No.	OP.033436
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 634 feet to a measured depth of 12,991 feet is true and correct as determined from all available records.

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

Signature

12-Apr-22

Date

Janie Collins

Colorado District Well Planner
Scientific Drilling International



DJR

Nageezi Unit

G35 2409

309H

End of Well Report



www.scientificdrilling.com



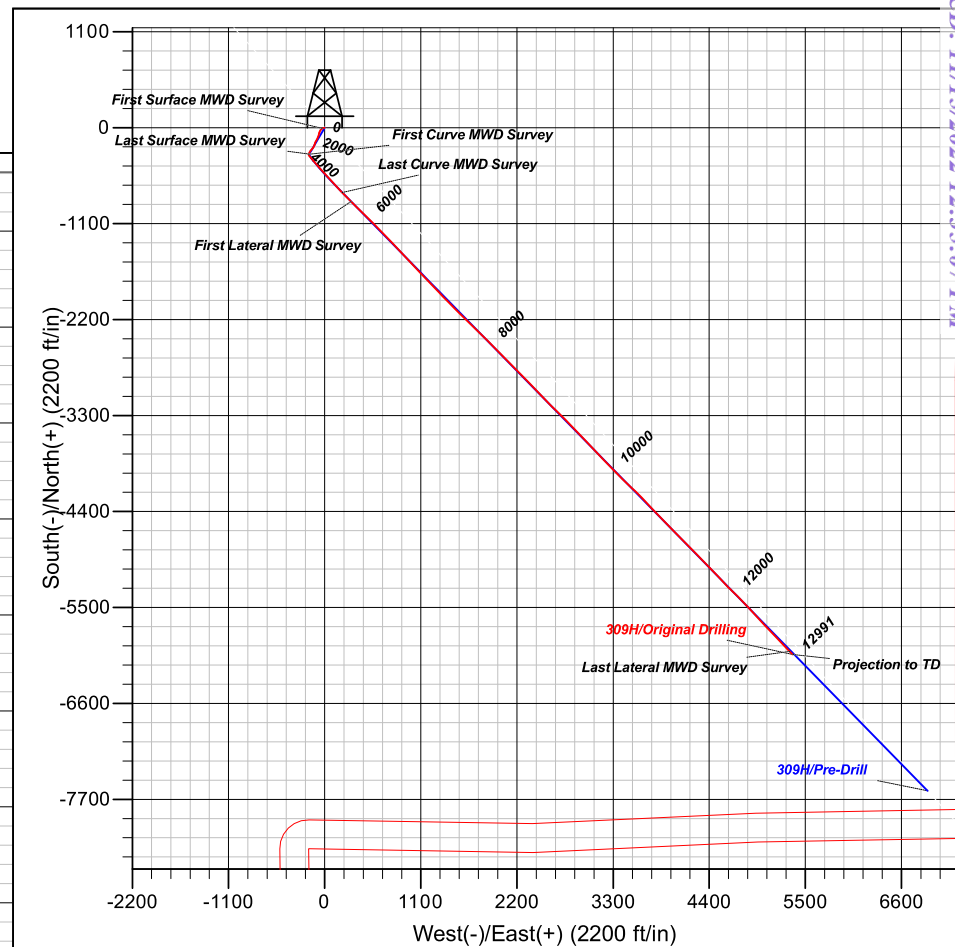
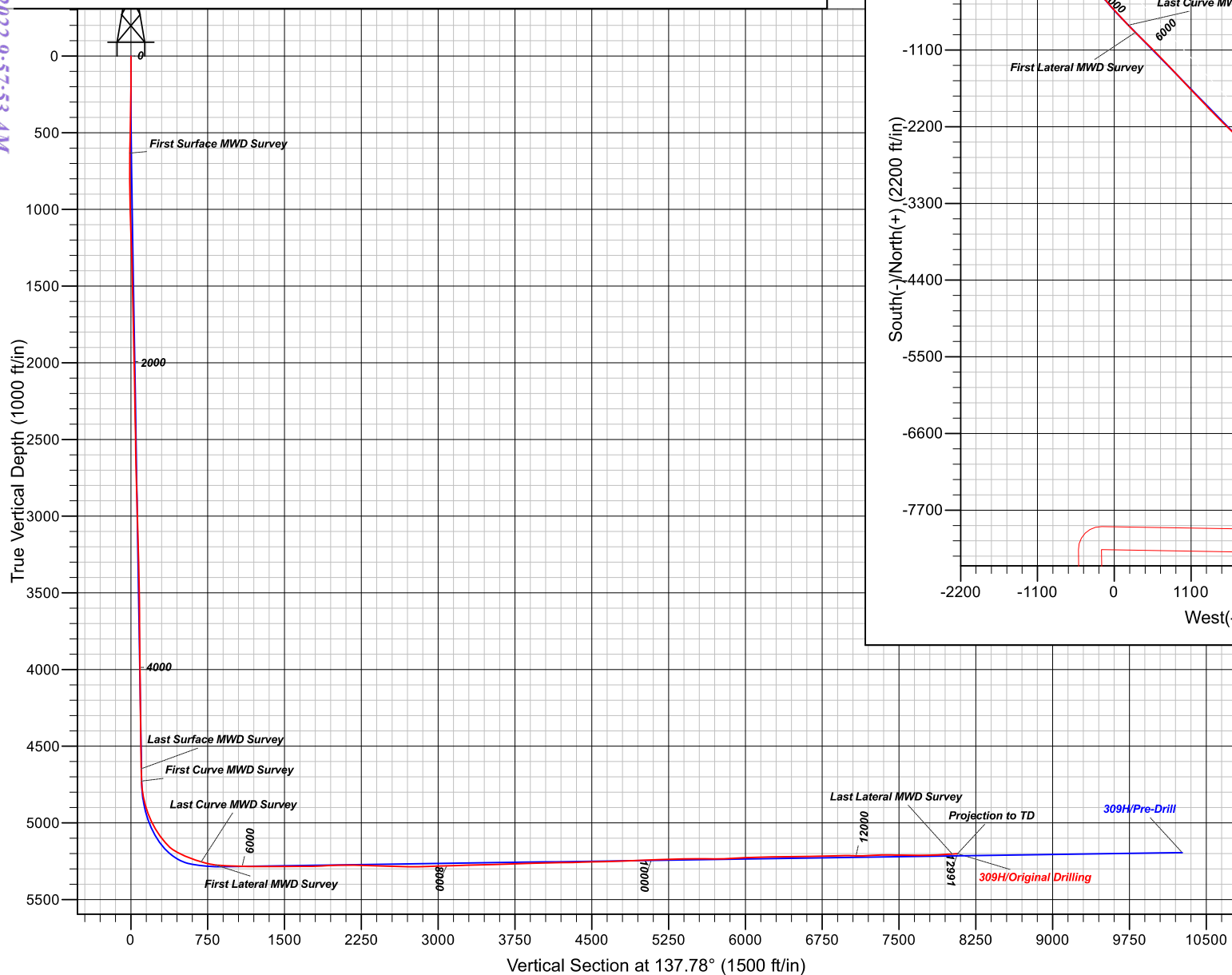
Company Name: DJR Operating
 Project: Nageezi Unit
 Site: G35 2409
 Well: 309H
 Wellbore: Original Drilling



WELL DETAILS: 309H

GL 6899' & RKB 26' @ 6925ft (H&P 443) 6899

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	
0	0	1918102.75	2745341.05	36.27141501	-107.75785300	3



Design: Original Drilling (309H/Original Drilling)

Created By: Janie Collins Date: 14:02, April 12 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

G35 2409

309H - Slot 3

Original Drilling

Design: Original Drilling

Standard Survey Report

12 April, 2022



www.scientificdrilling.com





Scientific Drilling Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well 309H - Slot 3
Project:	Nageezi Unit	TVD Reference:	GL 6899' & RKB 26' @ 6925ft (H&P 443)
Site:	G35 2409	MD Reference:	GL 6899' & RKB 26' @ 6925ft (H&P 443)
Well:	309H	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	G35 2409		
Site Position:		Northing:	1,918,072.88 usft
From:	Lat/Long	Easting:	2,745,314.54 usft
Position Uncertainty:	0 ft	Slot Radius:	13.20 in
		Latitude:	36.27133300
		Longitude:	-107.75794300
		Grid Convergence:	0.04 °

Well	309H - Slot 3		
Well Position	+N/-S	0 ft	Northing:
	+E/-W	0 ft	Easting:
Position Uncertainty	0 ft	Wellhead Elevation:	ft
		Latitude:	36.27141501
		Longitude:	-107.75785300
		Ground Level:	6899 ft

Wellbore	Original Drilling				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM2022	3/26/2022	8.60	62.73	49,187.80000000

Design	Original Drilling			
Audit Notes:				
Version:	1.0	Phase:	ACTUAL	Tie On Depth:
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0	0	0	137.79

Survey Program	Date	4/12/2022		
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
634	4663	Survey #1 - Surface MWD Survey (Original)	MWD+HDGM	OWSG MWD + HDGM
4743	5597	Survey #2 - Curve MWD Survey (Original)	MWD+HDGM	OWSG MWD + HDGM
5743	12,991	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	
634	5.17	249.62	633	-10	-27	-11	0.82	0.82	0.00	
725	6.78	224.63	724	-15	-34	-12	3.32	1.77	-27.46	
816	6.93	229.38	814	-23	-42	-12	0.64	0.16	5.22	
908	6.13	219.86	905	-30	-50	-11	1.46	-0.87	-10.35	
999	6.47	201.61	996	-38	-55	-8	2.22	0.37	-20.05	
1091	7.06	201.78	1087	-49	-59	-3	0.64	0.64	0.18	
1182	5.02	193.40	1178	-58	-62	1	2.44	-2.24	-9.21	
1272	5.91	196.58	1267	-66	-64	6	1.04	0.99	3.53	



Scientific Drilling

Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well 309H - Slot 3
Project:	Nageezi Unit	TVD Reference:	GL 6899' & RKB 26' @ 6925ft (H&P 443)
Site:	G35 2409	MD Reference:	GL 6899' & RKB 26' @ 6925ft (H&P 443)
Well:	309H	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)	
1364	3.43	196.34	1359	-73	-66	10	2.70	-2.70	-0.26	
1455	4.13	195.89	1450	-79	-68	13	0.77	0.77	-0.49	
1545	4.09	193.46	1540	-85	-69	16	0.20	-0.04	-2.70	
1636	3.51	182.97	1630	-91	-70	20	0.99	-0.64	-11.53	
1726	4.44	216.34	1720	-97	-72	23	2.72	1.03	37.08	
1817	4.14	204.75	1811	-102	-76	25	1.01	-0.33	-12.74	
1910	4.11	199.10	1904	-109	-78	28	0.44	-0.03	-6.08	
2004	4.07	199.41	1997	-115	-81	31	0.05	-0.04	0.33	
2099	4.24	204.70	2092	-121	-83	34	0.44	0.18	5.57	
2194	4.11	200.97	2187	-128	-86	37	0.32	-0.14	-3.93	
2289	4.19	206.95	2282	-134	-89	40	0.46	0.08	6.29	
2384	4.36	210.46	2376	-140	-92	42	0.33	0.18	3.69	
2479	4.75	211.78	2471	-147	-96	44	0.43	0.41	1.39	
2574	5.14	210.73	2566	-154	-100	46	0.42	0.41	-1.11	
2668	5.47	208.32	2659	-161	-105	49	0.42	0.35	-2.56	
2764	5.85	205.04	2755	-170	-109	53	0.52	0.40	-3.42	
2858	4.83	196.52	2848	-178	-112	56	1.37	-1.09	-9.06	
2953	4.57	194.88	2943	-185	-114	61	0.31	-0.27	-1.73	
3049	4.20	193.61	3039	-192	-116	65	0.40	-0.39	-1.32	
3144	5.20	203.19	3134	-200	-118	68	1.33	1.05	10.08	
3239	5.24	204.35	3228	-208	-122	72	0.12	0.04	1.22	
3333	5.67	201.70	3322	-216	-125	76	0.53	0.46	-2.82	
3428	6.26	210.94	3416	-225	-130	79	1.18	0.62	9.73	
3523	5.47	221.61	3511	-232	-135	81	1.41	-0.83	11.23	
3618	6.14	220.02	3605	-240	-142	82	0.73	0.71	-1.67	
3713	4.72	218.20	3700	-247	-147	84	1.51	-1.49	-1.92	
3808	5.03	218.96	3794	-253	-152	85	0.33	0.33	0.80	
3903	4.04	218.97	3889	-259	-157	86	1.04	-1.04	0.01	
3998	3.99	218.83	3984	-264	-161	87	0.05	-0.05	-0.15	
4093	4.08	213.03	4079	-269	-165	89	0.44	0.09	-6.11	
4188	4.70	212.92	4173	-276	-169	90	0.65	0.65	-0.12	
4283	3.61	207.45	4268	-281	-173	92	1.22	-1.15	-5.76	
4378	3.60	208.24	4363	-287	-175	94	0.05	-0.01	0.83	
4473	2.89	202.82	4458	-292	-178	96	0.81	-0.75	-5.71	
4568	4.04	215.23	4553	-297	-181	98	1.44	1.21	13.06	
4663	3.57	206.32	4647	-302	-184	100	0.79	-0.49	-9.38	
4743	4.37	194.64	4727	-307	-186	103	1.42	1.00	-14.60	
4837	15.92	146.33	4820	-321	-180	117	14.26	12.29	-51.39	
4933	26.26	139.22	4909	-348	-158	152	11.08	10.77	-7.41	
5028	35.26	139.38	4991	-385	-127	200	9.47	9.47	0.17	
5123	44.58	139.01	5064	-431	-87	261	9.81	9.81	-0.39	
5218	51.77	138.46	5127	-485	-40	332	7.58	7.57	-0.58	
5313	65.29	136.21	5176	-544	15	413	14.37	14.23	-2.37	



Scientific Drilling

Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well 309H - Slot 3
Project:	Nageezi Unit	TVD Reference:	GL 6899' & RKB 26' @ 6925ft (H&P 443)
Site:	G35 2409	MD Reference:	GL 6899' & RKB 26' @ 6925ft (H&P 443)
Well:	309H	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)	
5344	69.76	136.98	5188	-565	34	441	14.60	14.42	2.48	
5376	71.12	137.35	5199	-587	55	471	4.39	4.25	1.16	
5407	73.23	137.73	5208	-609	75	501	6.91	6.81	1.23	
5439	74.95	137.15	5217	-631	96	532	5.65	5.38	-1.81	
5471	75.63	137.62	5225	-654	117	563	2.56	2.13	1.47	
5502	75.88	137.47	5233	-676	137	593	0.93	0.81	-0.48	
5534	75.73	137.78	5241	-699	158	624	1.05	-0.47	0.97	
5597	78.57	136.97	5255	-744	199	685	4.68	4.51	-1.29	
5743	85.50	134.74	5275	-848	300	830	4.98	4.75	-1.53	
5837	88.32	134.63	5280	-914	367	923	3.00	3.00	-0.12	
5931	89.23	134.84	5282	-980	434	1017	0.99	0.97	0.22	
6024	89.19	133.47	5283	-1045	500	1110	1.47	-0.04	-1.47	
6119	89.36	135.55	5285	-1111	568	1205	2.20	0.18	2.19	
6213	89.90	134.55	5285	-1178	634	1299	1.21	0.57	-1.06	
6307	90.44	135.98	5285	-1245	701	1393	1.63	0.57	1.52	
6401	90.74	136.50	5284	-1313	766	1487	0.64	0.32	0.55	
6495	90.34	137.55	5283	-1381	830	1581	1.20	-0.43	1.12	
6590	89.73	136.80	5283	-1451	894	1676	1.02	-0.64	-0.79	
6684	90.07	136.47	5283	-1519	959	1770	0.50	0.36	-0.35	
6778	92.28	137.17	5281	-1588	1023	1863	2.47	2.35	0.74	
6873	90.81	136.77	5279	-1657	1088	1958	1.60	-1.55	-0.42	
6968	90.81	136.97	5277	-1727	1153	2053	0.21	0.00	0.21	
7062	89.90	136.82	5277	-1795	1217	2147	0.98	-0.97	-0.16	
7157	90.03	135.54	5277	-1864	1283	2242	1.35	0.14	-1.35	
7250	88.66	136.64	5278	-1931	1347	2335	1.89	-1.47	1.18	
7344	88.02	135.49	5281	-1999	1412	2429	1.40	-0.68	-1.22	
7438	88.09	134.67	5284	-2065	1479	2523	0.88	0.07	-0.87	
7532	89.36	134.49	5286	-2131	1546	2617	1.36	1.35	-0.19	
7627	89.56	134.03	5287	-2197	1614	2712	0.53	0.21	-0.48	
7721	90.54	133.38	5287	-2262	1682	2805	1.25	1.04	-0.69	
7814	91.85	134.59	5285	-2327	1749	2898	1.92	1.41	1.30	
7909	91.38	136.27	5282	-2394	1815	2993	1.84	-0.49	1.77	
8003	91.24	135.03	5280	-2462	1881	3087	1.33	-0.15	-1.32	
8098	90.91	134.06	5278	-2528	1949	3182	1.08	-0.35	-1.02	
8192	91.11	135.79	5276	-2595	2015	3276	1.85	0.21	1.84	
8286	90.91	135.82	5275	-2662	2081	3370	0.22	-0.21	0.03	
8381	91.01	135.40	5273	-2730	2147	3465	0.45	0.11	-0.44	
8476	91.17	134.57	5271	-2797	2214	3559	0.89	0.17	-0.87	
8569	90.94	136.35	5270	-2863	2280	3652	1.93	-0.25	1.91	
8664	91.61	136.35	5268	-2932	2345	3747	0.71	0.71	0.00	
8758	90.94	137.07	5265	-3000	2410	3841	1.05	-0.71	0.77	
8853	91.34	136.44	5264	-3070	2475	3936	0.79	0.42	-0.66	
8947	91.07	135.47	5262	-3137	2540	4030	1.07	-0.29	-1.03	



Scientific Drilling Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well 309H - Slot 3
Project:	Nageezi Unit	TVD Reference:	GL 6899' & RKB 26' @ 6925ft (H&P 443)
Site:	G35 2409	MD Reference:	GL 6899' & RKB 26' @ 6925ft (H&P 443)
Well:	309H	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)
9041	90.54	134.24	5260	-3203	2607	4124	1.42	-0.56	-1.31
9135	90.30	135.69	5260	-3270	2673	4218	1.56	-0.26	1.54
9230	91.54	135.57	5258	-3338	2740	4313	1.31	1.31	-0.13
9324	91.11	134.70	5256	-3404	2806	4407	1.03	-0.46	-0.93
9418	90.74	136.13	5254	-3471	2872	4501	1.57	-0.39	1.52
9513	89.93	135.57	5254	-3540	2938	4596	1.04	-0.85	-0.59
9607	91.41	137.01	5253	-3607	3003	4689	2.20	1.57	1.53
9702	91.38	136.88	5250	-3677	3068	4784	0.14	-0.03	-0.14
9796	92.01	136.27	5248	-3745	3132	4878	0.93	0.67	-0.65
9891	92.41	136.07	5244	-3814	3198	4973	0.47	0.42	-0.21
9986	91.28	137.36	5241	-3883	3263	5068	1.80	-1.19	1.36
10,076	90.70	135.71	5239	-3948	3325	5158	1.94	-0.64	-1.83
10,168	91.14	134.91	5238	-4013	3390	5250	0.99	0.48	-0.87
10,258	90.30	132.93	5237	-4076	3455	5340	2.39	-0.93	-2.20
10,349	90.30	133.55	5236	-4138	3521	5431	0.68	0.00	0.68
10,440	91.48	134.85	5235	-4202	3586	5521	1.93	1.30	1.43
10,530	89.26	136.16	5234	-4266	3649	5611	2.86	-2.47	1.46
10,619	89.93	136.75	5235	-4330	3710	5700	1.00	0.75	0.66
10,710	91.18	136.45	5234	-4396	3773	5791	1.41	1.37	-0.33
10,801	92.15	136.50	5231	-4462	3836	5882	1.07	1.07	0.05
10,891	92.08	135.63	5228	-4527	3898	5972	0.97	-0.08	-0.97
10,982	92.01	136.38	5225	-4593	3961	6063	0.83	-0.08	0.82
11,073	90.07	135.60	5223	-4658	4024	6154	2.30	-2.13	-0.86
11,164	90.54	134.96	5223	-4723	4088	6245	0.87	0.52	-0.70
11,255	90.44	134.03	5222	-4786	4153	6336	1.03	-0.11	-1.02
11,346	90.13	135.28	5221	-4850	4218	6427	1.42	-0.34	1.37
11,437	90.91	136.24	5221	-4916	4282	6517	1.36	0.86	1.05
11,527	91.88	136.41	5218	-4981	4344	6607	1.09	1.08	0.19
11,617	89.16	136.60	5218	-5046	4406	6697	3.03	-3.02	0.21
11,708	90.70	137.09	5218	-5112	4468	6788	1.78	1.69	0.54
11,799	91.78	137.12	5216	-5179	4530	6879	1.19	1.19	0.03
11,889	90.84	135.28	5214	-5244	4592	6969	2.30	-1.04	-2.04
11,979	88.05	132.45	5215	-5306	4657	7059	4.42	-3.10	-3.14
12,069	91.24	135.51	5215	-5369	4722	7149	4.91	3.54	3.40
12,160	92.12	136.56	5212	-5434	4785	7240	1.51	0.97	1.15
12,251	92.02	138.40	5209	-5501	4846	7331	2.02	-0.11	2.02
12,342	88.25	135.90	5209	-5568	4908	7422	4.97	-4.14	-2.75
12,433	89.66	137.24	5211	-5634	4971	7513	2.14	1.55	1.47
12,524	89.16	137.21	5212	-5701	5033	7604	0.55	-0.55	-0.03
12,615	89.53	136.24	5213	-5767	5095	7695	1.14	0.41	-1.07
12,705	91.41	137.37	5212	-5833	5156	7785	2.44	2.09	1.26
12,796	92.28	136.97	5209	-5899	5218	7875	1.05	0.96	-0.44
12,887	92.38	136.35	5205	-5965	5281	7966	0.69	0.11	-0.68
12,940	91.95	135.44	5203	-6004	5318	8019	1.90	-0.81	-1.72



Scientific Drilling

Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well 309H - Slot 3
Project:	Nageezi Unit	TVD Reference:	GL 6899' & RKB 26' @ 6925ft (H&P 443)
Site:	G35 2409	MD Reference:	GL 6899' & RKB 26' @ 6925ft (H&P 443)
Well:	309H	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)
12,991	91.95	135.44	5202	-6040	5353	8070	0.00	0.00	0.00

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (usft)	Easting (usft)	Latitude	Longitude
- hit/miss target									
- Shape									
309H Toe Rev 1	0.00	0.00	5194	-7602	6897	1,910,505.88	2,752,243.99	36.25052880	-107.73446130
- actual wellpath misses target center by 2196ft at 12991ft MD (5202 TVD, -6040 N, 5353 E)									
- Circle (radius 100)									
309H Lat Target	0.00	0.00	5212	-6299	5625	1,911,808.36	2,750,971.44	36.25411028	-107.73877295
- actual wellpath misses target center by 376ft at 12991ft MD (5202 TVD, -6040 N, 5353 E)									
- Circle (radius 75)									
309H 85° Casing	0.00	0.00	5271	-685	144	1,917,417.86	2,745,485.30	36.26953325	-107.75736544
- actual wellpath misses target center by 34ft at 5522ft MD (5238 TVD, -691 N, 150 E)									
- Point									
309H Heel Rev 1	0.00	0.00	5286	-855	304	1,917,247.75	2,745,645.93	36.26906560	-107.75682100
- actual wellpath misses target center by 11ft at 5752ft MD (5276 TVD, -854 N, 306 E)									
- Circle (radius 50)									

Design Annotations					
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates			
		+N/-S (ft)	+E/-W (ft)	Comment	
634	633	-10	-27	First Surface MWD Survey	
4663	4647	-302	-184	Last Surface MWD Survey	
4743	4727	-307	-186	First Curve MWD Survey	
5597	5255	-744	199	Last Curve MWD Survey	
5743	5275	-848	300	First Lateral MWD Survey	
12,940	5203	-6003	5318	Last Lateral MWD Survey	
12,991	5202	-6040	5353	Projection to TD	

Checked By: _____ Approved By: _____ Date: _____

Well Name: NAGEEZI UNIT	Well Location: T24N / R9W / SEC 35 / SWNE / 36.271333 / -107.757943	County or Parish/State: SAN JUAN / NM
Well Number: 309H	Type of Well: OIL WELL	Allottee or Tribe Name: NAVAJO NATION
Lease Number: NMNM12374	Unit or CA Name:	Unit or CA Number: NMNM132981A
US Well Number: 3004538207	Well Status: Drilling Well	Operator: DJR OPERATING LLC

Subsequent Report

Sundry ID: 2695233

Type of Submission: Subsequent Report	Type of Action: Hydraulic Fracturing
Date Sundry Submitted: 09/28/2022	Time Sundry Submitted: 09:51
Date Operation Actually Began: 08/15/2022	

Actual Procedure: 8/15/22: PT 4.5" x 7" casing 2k (10min). Pressure up to 7500 (15min). 7" held at 1700. NU 10k PT void & seals 5k. Install 2-way check PT L400 H9600 (10min). All tests good & recorded on chart. 8/28 to 9/3/22: Perf, Plug & Frac 23 stages: 3 spf, .35" diameter from 6174' – 12917' MD (5209' – 5287' TVD). Total of 805 open holes. As pumped: 39,995 bbls of fluid. 7,095,430 lbs of proppant. 65,009,234 scf of N2. RD frac, N2, & WL. 9/7/22: MIRU AWS 812. NU BOPE. Full function PT L300 H5000 (30min). All test good & recorded on chart. TIH. Drill out plugs. TOH. 9/9/22: Change over to tubing tools. PT L500 H2500 (15min), test good & recorded on chart. RIH with production string. Land 171 jts of 2.875" 6.5# L80 STC tubing. EOT: 5607'. Five GLVs set at 1920' – 2575' – 3263' – 3949' – 4602'. TOH. ND BOPE. NU production tree & PT L500 H5200 (30min). Test good & recorded on chart. Turn well over to production. Rig AWS released on 9/9/22.

Well Name: NAGEEZI UNIT	Well Location: T24N / R9W / SEC 35 / SWNE / 36.271333 / -107.757943	County or Parish/State: SAN JUAN / NM
Well Number: 309H	Type of Well: OIL WELL	Allottee or Tribe Name: NAVAJO NATION
Lease Number: NMNM12374	Unit or CA Name:	Unit or CA Number: NMNM132981A
US Well Number: 3004538207	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: SEP 28, 2022 09:50 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: 09/30/2022
Signature: Kenneth Rennick	



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

Well Completion Print

10/20/2022

Operator Name DJR OPERATING LLC	Well Name NAGEEZI UNIT	Well Number 309H	US Well Number 3004538207
SHL SWNE Sec 35 24N 9W	County SAN JUAN	State NM	Lease Number(s) NMNM12374
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s) NMNM132981A
Allottee/Tribe Name NAVAJO NATION	Well Pad Name NAGEEZI UNIT	Well Pad Number 308H, 309H, 310H, 313H, 632H	ID 10400055946

Section 1 - General

Well Completion Report Id:	Submission Date: 10-11-2022	
BLM Office: Farmington Field Office	User: SHAW-MARIE FORD	Title: Regulatory Specialist
Federal/Indian: INDIAN	Lease Number: NMNM12374	Lease Acres:
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: 02-21-2022		
Date Total Measured Depth Reached: 04-01-2022		
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 ALAMAO	SANDSTONE		0	820	821	USEABLE WATER	
KIRTLAND	SHALE		-904	904	905	NONE	

Operator Name DJR OPERATING LLC	Well Name NAGEEZI UNIT	Well Number 309H	US Well Number 3004538207
SHL SWNE Sec 35 24N 9W	County SAN JUAN	State NM	Lease Number(s) NMNM12374
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s) NMNM132981A
Allottee/Tribe Name NAVAJO NATION	Well Pad Name NAGEEZI UNIT	Well Pad Number 308H, 309H, 310H, 313H, 632H	ID 10400055946

Section 3 - Geologic

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral
FRUITLAND	COAL		-1216	1216	1219	NATURAL GAS	
PICTURED CLIFFS	SANDSTONE		-1558	1558	1562	USEABLE WATER	
LEWIS	SHALE		-1653	1653	1658	NONE	
CHACRA	SANDSTONE		-2342	2342	2349	NONE	
MENEFEE	COAL, SANDSTONE		-3054	3054	3064	NATURAL GAS	
POINT LOOKOUT	SANDSTONE		-4028	4028	4042	NONE	
MANCOS	SHALE		-4196	4196	4211	NONE	
MANCOS	SILTSTONE		-4520	4520	4536	NATURAL GAS, OIL	
GALLUP	SILTSTONE		-5018	5018	5062	NATURAL GAS, OIL	
GALLUP	SANDSTONE		-5060	5060	5115	NATURAL GAS, OIL	
GALLUP	SANDSTONE		-5179	5179	5298	NATURAL GAS, OIL	
GALLUP	SANDSTONE		-5280	5280	5669	NATURAL GAS, OIL	

Completion and Completed

Operator Name DJR OPERATING LLC	Well Name NAGEEZI UNIT	Well Number 309H	US Well Number 3004538207
SHL SWNE Sec 35 24N 9W	County SAN JUAN	State NM	Lease Number(s) NMNM12374
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s) NMNM132981A
Allottee/Tribe Name NAVAJO NATION	Well Pad Name NAGEEZI UNIT	Well Pad Number 308H, 309H, 310H, 313H, 632H	ID 10400055946

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	NMNM12374	NEW		POW	09-09-2022	09-10-2022	GALLUP	6174	12917	Y	.35	805	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	39995	7095430	Chemical Disclosure uploaded to FracFocus on 09/07/22

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 309H	US Well Number 3004538207
SHL SWNE Sec 35 24N 9W	County SAN JUAN	State NM	Lease Number(s) NMNM12374
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s) NMNM132981A
Allottee/Tribe Name NAVAJO NATION	Well Pad Name NAGEEZI UNIT	Well Pad Number 308H, 309H, 310H, 313H, 632H	ID 10400055946

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	09/12/2022	24	815	345	390	423	48/64	282		860

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	36.271333	-107.757943	6899	INDIAN	NOG14031919			2363	FNL	2321	FEL	24N	9W	35	SWNE
KOP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.271333	-107.757943	6546	INDIAN	NOG14031919			2363	FNL	2321	FEL	24N	9W	35	SWNE
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.256076	-107.741171	1698	INDIAN	NOG14011879			2637	FSL	2400	FWL	23N	9W	1	NESW
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.263311	-107.749839	1698	FEDERAL	NMNM8005			34	FNL	1	FWL	23N	9W	1	NWNW
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.269086	-107.756835	1690	FEDERAL	NMNM12374			2087	FSL	2007	FEL	24N	9W	35	NWSE

Operator Name DJR OPERATING LLC	Well Name NAGEEZI UNIT	Well Number 309H	US Well Number 3004538207
SHL SWNE Sec 35 24N 9W	County SAN JUAN	State NM	Lease Number(s) NMNM12374
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s) NMNM132981A
Allottee/Tribe Name NAVAJO NATION	Well Pad Name NAGEEZI UNIT	Well Pad Number 308H, 309H, 310H, 313H, 632H	ID 10400055946

	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	36.263403	-107.749949	1698	STATE	STATE				1	FNL	31	FEL	23N	9W	2	NENE
EXIT Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.254922	-107.739817	1698	FEDERAL	NMNM 8005				2205	FSL	2251	FEL	23N	9W	1	NWSE
BHL Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.254822	-107.739696	1698	FEDERAL	NMNM 8005				2168	FSL	2215	FEL	23N	9W	1	NWSE

Casing, Liner and Tubing

Casing and Liner

Wellbore Code	Casing String Type	Hole Size	Top Setting Depth (MD)	Bottom Setting Depth (MD)	Casing Size	Wt(lbs/ft)	Casing Grade	Describe Other Casing Grade	Joint	Other Joint	Amount Pulled (ft)
00	SURFACE	12.25	0	353	9.625	36	J-55		ST&C		

Operator Name DJR OPERATING LLC	Well Name NAGEEZI UNIT	Well Number 309H	US Well Number 3004538207
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Allottee/Tribe Name NAVAJO NATION	Well Pad Name NAGEEZI UNIT	Well Pad Number 308H, 309H, 310H, 313H, 632H	ID 10400055946

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	INTERMEDIATE	8.75	0	5634	7.0	26	J-55		LT&C		
00	LINER	6.125	5294	12986	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		I-II	109	1.61	0					31.3
00	INTERMEDIATE		G	466	3.82	0	G	140	1.51	4214	354.7
00	LINER		G	859	1.52	5294					232.5

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		5607	5315	6	L-80		ST&C	

Operator Name DJR OPERATING LLC	Well Name NAGEEZI UNIT	Well Number 309H	US Well Number 3004538207
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Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s) NMNM132981A
Allottee/Tribe Name NAVAJO NATION	Well Pad Name NAGEEZI UNIT	Well Pad Number 308H, 309H, 310H, 313H, 632H	ID 10400055946

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:** 10/18/2022**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 309H	US Well Number 3004538207
SHL SWNE Sec 35 24N 9W	County SAN JUAN	State NM	Lease Number(s) NMNM12374
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s) NMNM132981A
Allottee/Tribe Name NAVAJO NATION	Well Pad Name NAGEEZI UNIT	Well Pad Number 308H, 309H, 310H, 313H, 632H	ID 10400055946

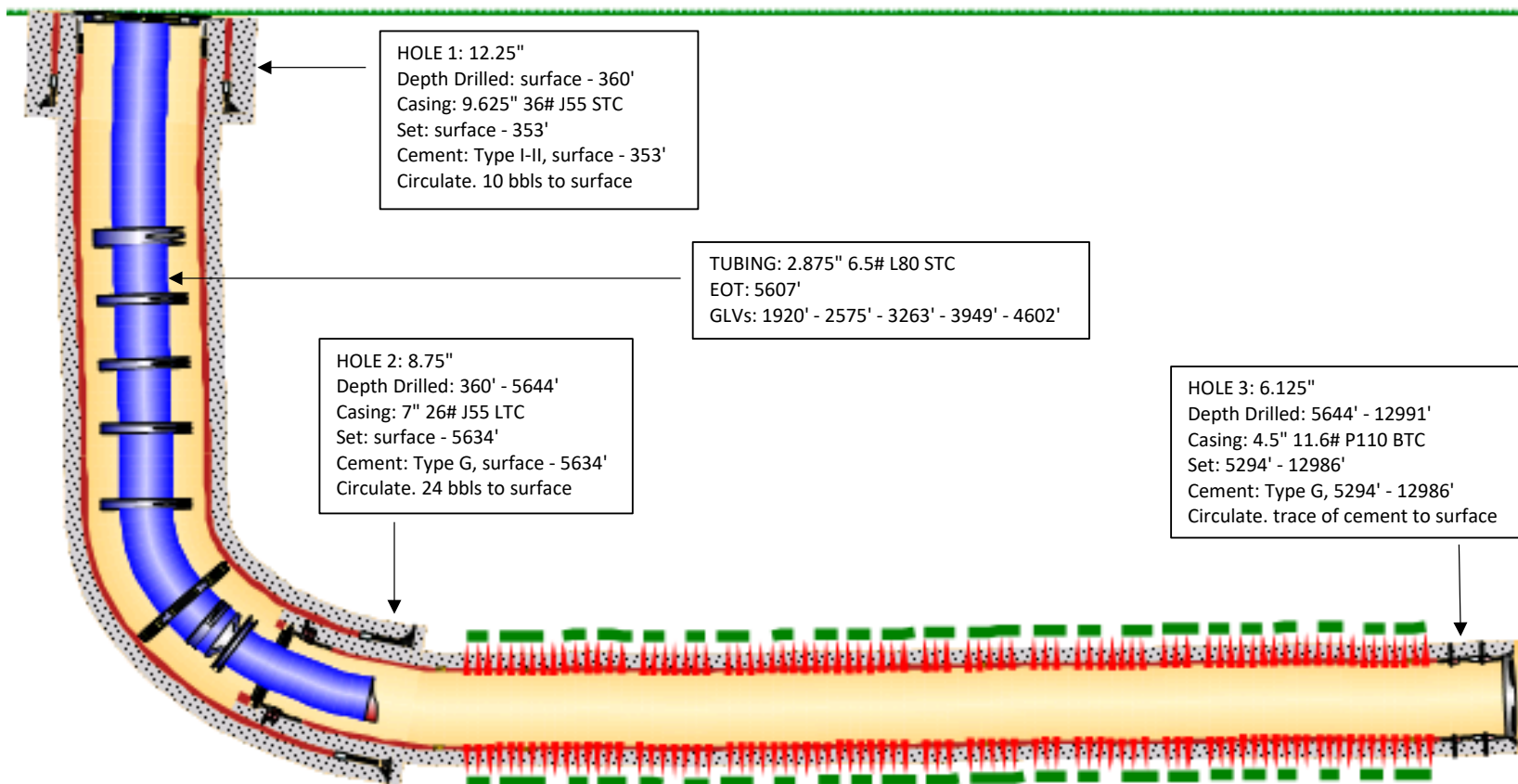
309H_Certified_DD_EOWR_20221011084551.pdf

309H_AsDrilled_Plat_WBD_20221018122225.pdf

NAGEEZI UNIT 309H
 API: 30-045-38207
 SHL: SWNE G-35-24N-09W
 2363' FNL x 2321' FEL

Page 22 of 24
 Elevation: 6899' GL
 Spud Date: 02/21/2021
 Completed Date: 09/09/2022

FORMATION	MD	TVD
Ojo Alamo	821'	820'
Kirtland	905'	904'
Fruitland	1219'	1216'
Pictured Cliffs	1562'	1558'
Lewis	1658'	1653'
Chacra	2349'	2342'
Menefee	3064'	3054'
Point Lookout	4042'	4028'
Mancos	4211'	4196'
KOP~	4745'	4729'
Gallup	5062'	5018'
Target	5669'	5280'



Perf:	23 Stages	Frac:	23 Stages
Depth:	6174' - 12917' MD		39,995 bbls of fluid
	5209' - 5287' TVD		7,095,430 lbs of proppant
			65,009,234 scf of N2
Total of 805 Open Holes			

(NAD83)	LAT.	LONG.
SHL:	36.271333	-107.757943
FTP:	36.269086	-107.756835
LTP:	36.254922	-107.739817
BHL:	36.254822	-107.739696

BHL: NWSE J-01-23N-09W
 2168' FSL x 2215' FEL

12,991'	TD
5,201'	TVD
12,972'	PBTD
12,951'	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 158967

ACKNOWLEDGMENTS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 158967
	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 158967

CONDITIONS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 158967
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	11/16/2022