

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 30-045-38196	⁵ Pool Name Nageezi Unit; Mancos (Oil)		⁶ Pool Code 98080
⁷ Property Code 325268	⁸ Property Name Nageezi Unit		⁹ Well Number 315H

II. ¹⁰ Surface Location

Ul or lot no. M	Section 35	Township 24N	Range 09W	Lot Idn	Feet from the 30'	North/South Line South	Feet from the 273'	East/West line West	County San Juan
--------------------	---------------	-----------------	--------------	---------	----------------------	---------------------------	-----------------------	------------------------	--------------------

¹¹ Bottom Hole Location

UL or lot no. M	Section 27	Township 24N	Range 09W	Lot Idn	Feet from the 918'	North/South line South	Feet from the 868'	East/West line West	County San Juan
¹² Lse Code F	¹³ Producing Method Code F		¹⁴ Gas Connection Date 07/20/22		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 11/04/21	²² Ready Date 07/06/22	²³ TD 12,435' MD 5,284' TVD	²⁴ PBTD 11,533' MD 5,284' TVD	²⁵ Perforations 5,618'-11,478' MD 5,188'- 5,269' TVD	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		5,540'	623
6.125		4.5" 11.6# P110		TOL: 5,303' BOL: 12,430'	608
		2.875" 6.5# L80 Tubing		5,462'	

V. Well Test Data

³¹ Date New Oil 07/07/22	³² Gas Delivery Date 07/20/22	³³ Test Date 07/08/22	³⁴ Test Length 24	³⁵ Tbg. Pressure 303	³⁶ Csg. Pressure 1100
³⁷ Choke Size 44/64	³⁸ Oil 696	³⁹ Water 610	⁴⁰ Gas 1140		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		
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>1/25/2023</i>		
Date: 08/30/22		Phone: 505-716-3297			

DISTRICT I

1625 N. French Dr., Hobbs, N.M. 88240
Phone: (575) 393-6161 Fax: (575) 748-0720

DISTRICT II

811 S. First St., Artesia, N.M. 88210
Phone: (505) 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 30-045-38196	² Pool Code 98080	³ Pool Name NAGEEZI UNIT MANCOS OIL POOL
⁴ Property Code 325268	⁵ Property Name NAGEEZI UNIT	⁶ Well Number 315H
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		30'	SOUTH	273'	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
M	27	24N	9W		918'	SOUTH	868'	WEST	SAN JUAN

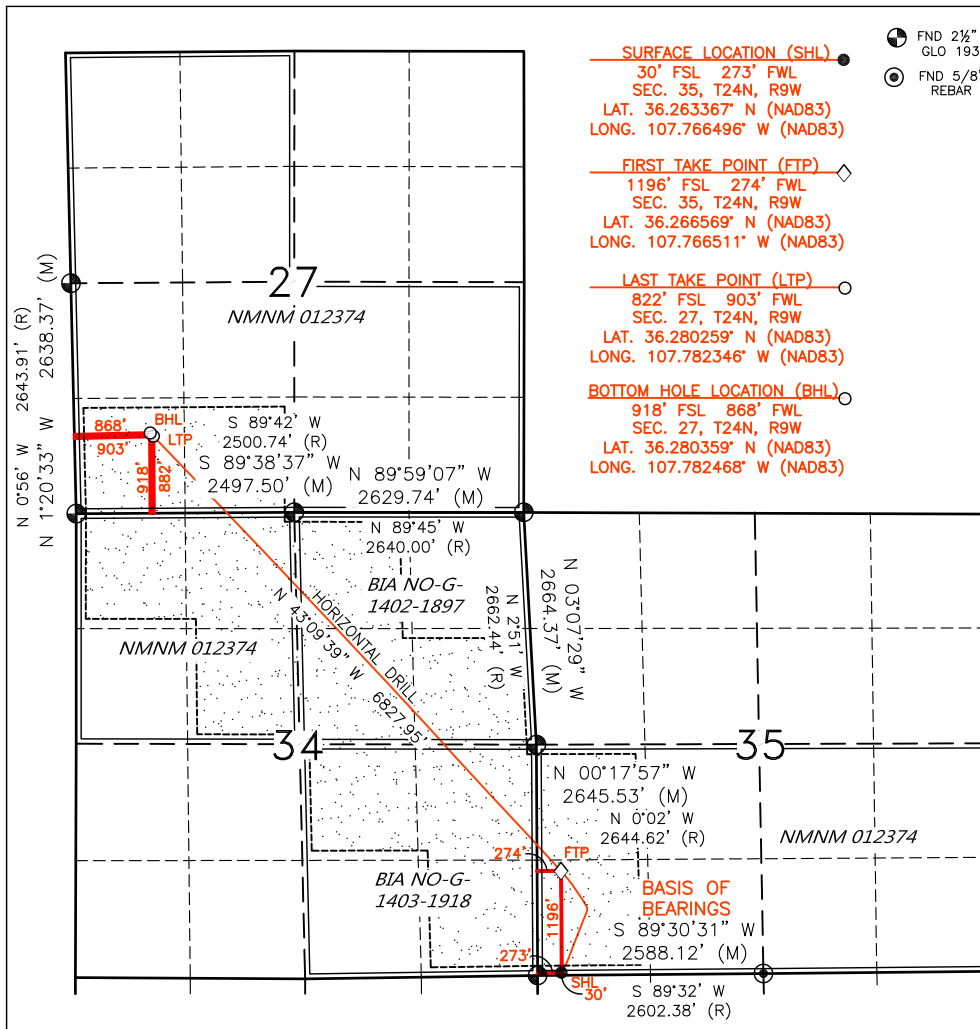
¹² Dedicated Acres **PENETRATED SPACING UNIT;**
SEC 35: NW/SW & SW/SW (80 AC.); SEC 34: SE/SE,
NE/SE, NW/SE, SE/NE, SW/NE, NW/NE, SE/NW, NE/NW
& NW/NW (360 AC.); SEC 27: SE/SW & SW/SW (80
AC.) = 520 ACRES TOTAL

¹³ Joint or Infill¹⁴ Consolidation Code¹⁵ Order No.

R-13856 R-13856A

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

16

¹⁷ OPERATOR CERTIFICATION

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

Shaw-Marie Ford 08/10/22
Signature Date

Shaw-Marie Ford
Printed Name

sford@djrlc.com
E-mail Address

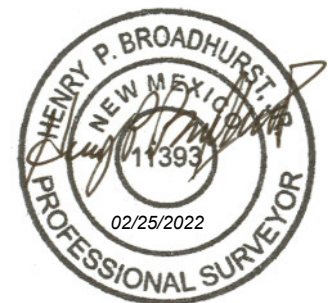
SURVEYOR CERTIFICATION

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 315H
County & State	San Juan, NM
SDI Job No.	OP.031938
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 12,435 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

17-Jan-22

Date

Janie Collins

Contract Well Planner
Scientific Drilling International



DJR

**Nageezi Unit
M35 2409 Pad
#315H**

End of Well Report



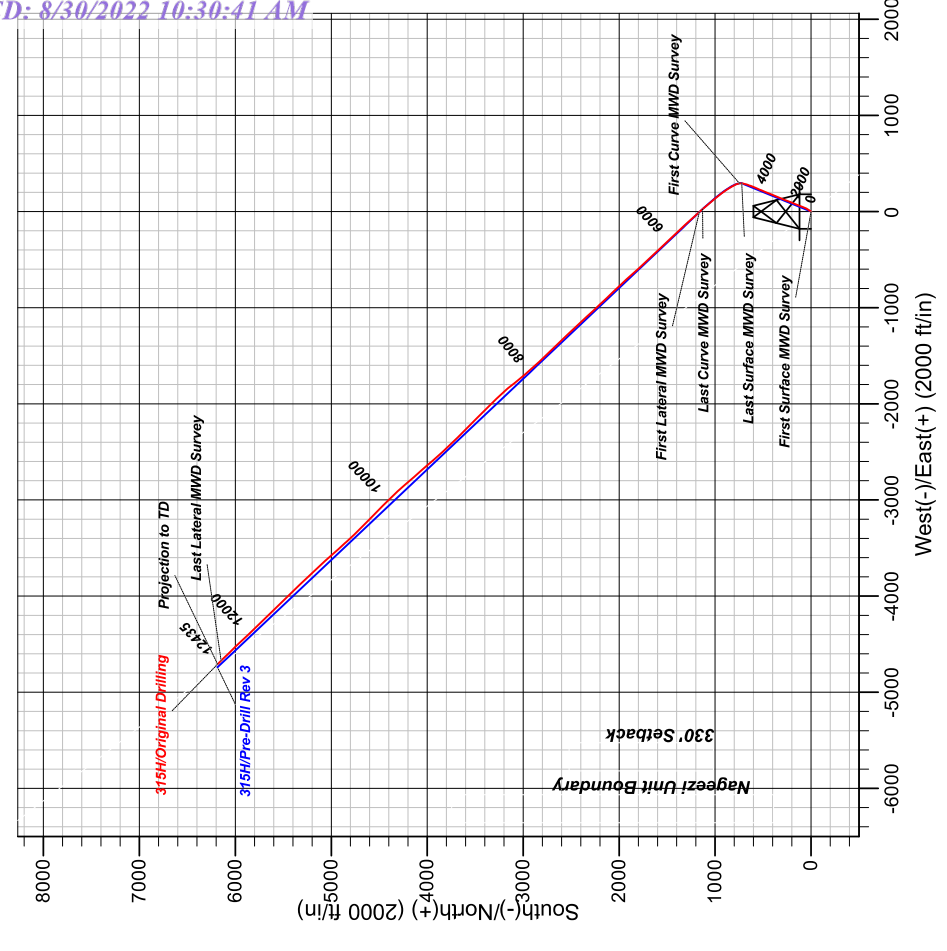
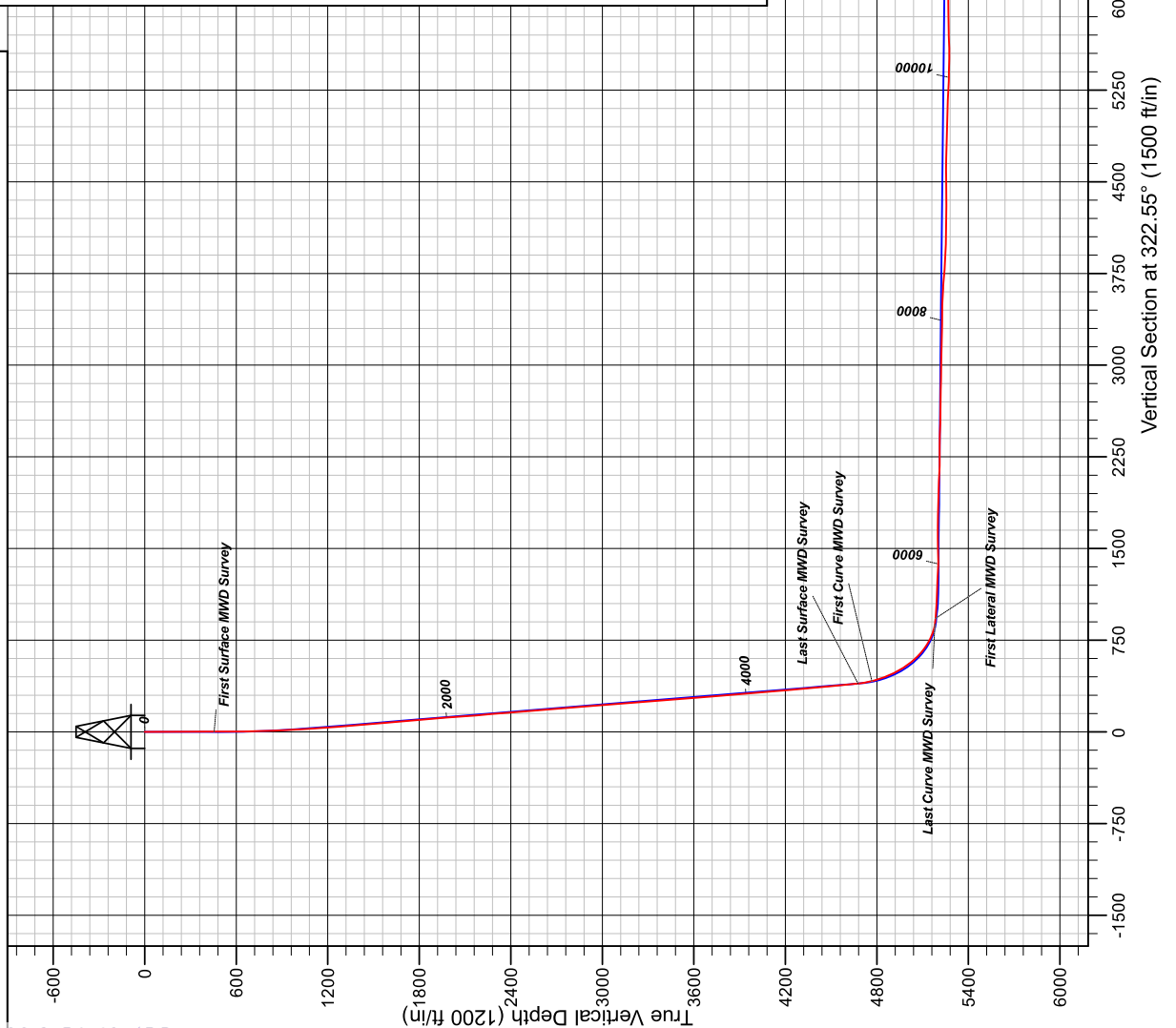
www.scientificdrilling.com



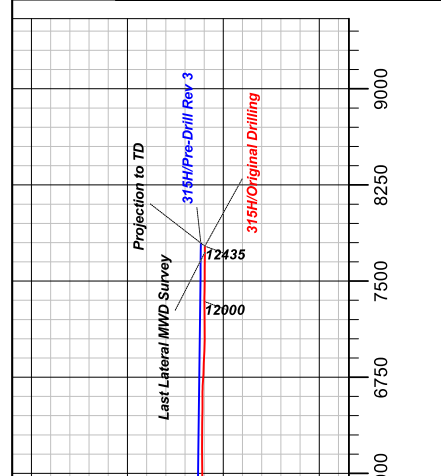
Company Name: DJR Operating
Project: Nageezi Unit
Site: M35 2409
Well: 315H
Wellbore: Original Drilling



WELL DETAILS: 315H				
GL 6865 & RKB 26' @ 689 ft (H&P 443) 6865				
+N/-S	+E/-W	Northing	Latitude	Longitude
0	0	1915171.21	36.26336700	-107.76649598
				3



Design: Original Drilling (315H/Original Drilling)
Created By: Janie Collins Date: 15:00, January 17 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

315H - Slot 3

Original Drilling

Design: Original Drilling

Standard Survey Report

17 January, 2022



www.scientificdrilling.com





Scientific Drilling Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well 315H - Slot 3
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:	315H	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	315H - Slot 3					
Well Position	+N/-S	0 ft	Northing:	1,915,171.21 usft	Latitude:	36.26336700
	+E/-W	0 ft	Easting:	2,742,795.37 usft	Longitude:	-107.76649599
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	1/7/2022	8.62	62.73	49,202.80000000

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	322.55	

Survey Program	Date	1/17/2022			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
455	4751	Survey #1 - Surface MWD Survey (Origin	MWD+HDGM	OWSG MWD + HDGM	
4846	5506	Survey #2 - Curve MWD Survey (Original	MWD+HDGM	OWSG MWD + HDGM	
5552	12,435	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	0.54	333.76	455	2	-1	2	0.12	0.12	0.00	
548	2.16	46.38	548	4	0	3	2.22	1.74	78.09	
639	3.55	38.98	639	7	3	4	1.58	1.53	-8.13	
730	6.25	34.74	730	13	8	6	2.99	2.97	-4.66	
823	7.92	34.81	822	23	14	9	1.80	1.80	0.08	
914	8.30	35.46	912	33	22	13	0.43	0.42	0.71	
1006	10.31	27.37	1003	46	29	19	2.60	2.18	-8.79	



Scientific Drilling

Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well 315H - Slot 3
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:	315H	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)	
1097	10.04	25.41	1092	60	36	26	0.48	-0.30	-2.15	
1188	9.72	23.14	1182	74	43	33	0.55	-0.35	-2.49	
1279	10.73	20.94	1271	89	49	41	1.19	1.11	-2.42	
1371	10.74	20.59	1362	105	55	50	0.07	0.01	-0.38	
1461	12.87	20.21	1450	123	61	60	2.37	2.37	-0.42	
1553	12.59	20.02	1540	142	68	71	0.31	-0.30	-0.21	
1645	12.09	24.03	1630	160	76	81	1.08	-0.54	4.36	
1736	10.97	18.92	1719	177	82	90	1.66	-1.23	-5.62	
1827	10.25	22.94	1808	192	88	99	1.13	-0.79	4.42	
1919	10.62	21.84	1899	208	95	107	0.46	0.40	-1.20	
2013	11.04	23.19	1991	224	102	116	0.52	0.45	1.44	
2108	10.83	20.86	2084	241	108	125	0.52	-0.22	-2.45	
2203	10.56	19.03	2178	257	114	135	0.46	-0.28	-1.93	
2297	11.37	21.36	2270	274	120	144	0.98	0.86	2.48	
2392	11.61	23.06	2363	292	128	154	0.44	0.25	1.79	
2487	11.72	24.09	2456	309	135	163	0.25	0.12	1.08	
2582	11.70	22.44	2549	327	143	173	0.35	-0.02	-1.74	
2677	11.96	23.36	2642	345	150	182	0.34	0.27	0.97	
2772	11.89	23.33	2735	363	158	192	0.07	-0.07	-0.03	
2867	10.58	21.29	2828	380	165	201	1.44	-1.38	-2.15	
2962	11.25	21.90	2921	397	172	211	0.72	0.71	0.64	
3057	11.59	23.79	3015	414	179	220	0.53	0.36	1.99	
3152	11.64	23.22	3108	432	187	229	0.13	0.05	-0.60	
3247	10.82	21.67	3201	449	194	238	0.92	-0.86	-1.63	
3341	10.30	18.25	3293	465	200	248	0.87	-0.55	-3.64	
3437	11.15	21.29	3388	482	206	257	1.06	0.89	3.17	
3532	11.05	24.75	3481	499	213	266	0.71	-0.11	3.64	
3627	10.71	22.60	3574	515	220	275	0.56	-0.36	-2.26	
3722	12.02	23.69	3667	532	228	284	1.40	1.38	1.15	
3817	10.53	21.04	3760	549	235	293	1.66	-1.57	-2.79	
3911	10.70	22.33	3853	566	241	302	0.31	0.18	1.37	
4007	11.61	24.10	3947	583	248	311	1.01	0.95	1.84	
4102	13.71	23.71	4040	602	257	321	2.21	2.21	-0.41	
4197	12.85	21.13	4132	622	265	332	1.10	-0.91	-2.72	
4291	11.14	17.23	4224	640	272	343	2.01	-1.82	-4.15	
4386	10.54	17.73	4317	657	277	353	0.64	-0.63	0.53	
4482	11.03	17.97	4412	674	283	364	0.51	0.51	0.25	
4577	10.73	12.63	4505	692	287	374	1.11	-0.32	-5.62	
4701	10.68	11.75	4627	714	292	389	0.14	-0.04	-0.71	
4751	9.80	10.48	4676	723	294	395	1.82	-1.76	-2.54	



Scientific Drilling

Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well 315H - Slot 3
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:	315H	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	19.95	350.76	4768	747	293	415	11.79	10.68	-20.76	
4941	27.24	338.71	4855	783	282	450	9.17	7.67	-12.68	
5036	34.99	331.03	4936	827	261	498	9.15	8.16	-8.08	
5131	41.80	326.33	5010	878	230	557	7.79	7.17	-4.95	
5226	53.55	323.11	5074	935	190	627	12.62	12.37	-3.39	
5321	62.92	321.09	5124	998	140	707	10.03	9.86	-2.13	
5415	71.71	317.53	5161	1064	83	794	9.98	9.35	-3.79	
5506	83.62	319.77	5180	1131	25	882	13.31	13.09	2.46	
5552	85.58	320.44	5184	1166	-4	928	4.50	4.26	1.46	
5647	88.03	317.52	5190	1237	-67	1023	4.01	2.58	-3.07	
5741	87.96	317.08	5193	1306	-130	1116	0.47	-0.07	-0.47	
5836	88.09	316.49	5196	1376	-195	1211	0.64	0.14	-0.62	
5929	87.66	316.24	5200	1443	-260	1303	0.53	-0.46	-0.27	
6023	90.13	316.35	5201	1511	-325	1397	2.63	2.63	0.12	
6117	90.90	317.17	5201	1579	-389	1490	1.20	0.82	0.87	
6211	90.87	317.05	5199	1648	-453	1584	0.13	-0.03	-0.13	
6305	89.46	318.18	5199	1718	-516	1677	1.92	-1.50	1.20	
6399	88.93	317.57	5200	1787	-579	1771	0.86	-0.56	-0.65	
6492	88.56	317.33	5202	1856	-642	1864	0.47	-0.40	-0.26	
6586	88.59	317.11	5204	1925	-706	1957	0.24	0.03	-0.23	
6681	88.39	316.85	5207	1994	-771	2052	0.35	-0.21	-0.27	
6775	87.99	316.56	5210	2062	-835	2145	0.53	-0.43	-0.31	
6869	90.64	316.69	5211	2131	-900	2239	2.82	2.82	0.14	
6964	89.23	317.38	5211	2200	-964	2333	1.65	-1.48	0.73	
7058	89.06	316.77	5213	2269	-1028	2427	0.67	-0.18	-0.65	
7153	88.73	316.70	5214	2338	-1094	2521	0.36	-0.35	-0.07	
7244	88.80	317.08	5216	2405	-1156	2612	0.42	0.08	0.42	
7334	89.60	317.48	5218	2471	-1217	2701	0.99	0.89	0.44	
7426	89.56	317.03	5218	2538	-1279	2793	0.49	-0.04	-0.49	
7516	88.96	316.16	5219	2604	-1341	2883	1.17	-0.67	-0.97	
7606	89.10	316.00	5221	2669	-1404	2972	0.24	0.16	-0.18	
7696	89.20	315.48	5222	2733	-1466	3061	0.59	0.11	-0.58	
7786	88.63	316.69	5224	2798	-1529	3151	1.49	-0.63	1.34	
7878	89.93	317.69	5225	2865	-1591	3242	1.78	1.41	1.09	
7969	88.22	319.12	5227	2933	-1652	3333	2.45	-1.88	1.57	
8061	90.27	321.11	5228	3004	-1711	3425	3.11	2.23	2.16	
8152	87.62	320.88	5230	3075	-1768	3516	2.92	-2.91	-0.25	
8243	88.19	320.66	5233	3145	-1825	3607	0.67	0.63	-0.24	
8334	86.22	316.83	5237	3213	-1885	3697	4.73	-2.16	-4.21	
8424	86.08	315.94	5243	3278	-1947	3787	1.00	-0.16	-0.99	



Scientific Drilling

Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well 315H - Slot 3
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:	315H	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)	
8515	88.13	315.74	5248	3344	-2011	3877	2.26	2.25	-0.22	
8606	88.49	315.72	5251	3409	-2074	3967	0.40	0.40	-0.02	
8697	89.47	315.65	5252	3474	-2138	4058	1.08	1.08	-0.08	
8788	89.16	314.90	5253	3539	-2202	4148	0.89	-0.34	-0.82	
8878	89.06	313.69	5255	3601	-2266	4237	1.35	-0.11	-1.34	
8969	89.56	314.64	5256	3665	-2331	4327	1.18	0.55	1.04	
9059	90.74	317.06	5256	3729	-2394	4416	2.99	1.31	2.69	
9151	91.14	317.34	5254	3797	-2457	4508	0.53	0.43	0.30	
9243	89.33	318.25	5254	3865	-2518	4600	2.20	-1.97	0.99	
9334	89.77	318.23	5254	3933	-2579	4690	0.48	0.48	-0.02	
9424	88.26	318.62	5256	4000	-2639	4780	1.73	-1.68	0.43	
9515	88.46	318.92	5259	4069	-2699	4871	0.40	0.22	0.33	
9607	88.90	318.80	5261	4138	-2759	4963	0.50	0.48	-0.13	
9698	90.13	319.37	5261	4207	-2819	5054	1.49	1.35	0.63	
9788	87.72	317.88	5263	4274	-2878	5143	3.15	-2.68	-1.66	
9879	86.95	316.99	5267	4341	-2940	5234	1.29	-0.85	-0.98	
9969	88.49	315.60	5271	4406	-3002	5323	2.30	1.71	-1.54	
10,061	89.33	314.73	5273	4471	-3067	5414	1.31	0.91	-0.95	
10,152	89.40	314.12	5274	4535	-3132	5505	0.67	0.08	-0.67	
10,242	91.24	315.40	5273	4598	-3196	5594	2.49	2.04	1.42	
10,334	90.94	314.53	5271	4663	-3261	5685	1.00	-0.33	-0.95	
10,425	91.51	314.77	5270	4727	-3325	5775	0.68	0.63	0.26	
10,517	91.37	317.00	5267	4793	-3389	5866	2.43	-0.15	2.42	
10,609	89.30	318.12	5267	4861	-3451	5958	2.56	-2.25	1.22	
10,700	89.46	318.05	5268	4929	-3512	6049	0.19	0.18	-0.08	
10,792	90.33	318.52	5268	4998	-3573	6140	1.07	0.95	0.51	
10,881	90.13	317.74	5267	5064	-3633	6229	0.90	-0.22	-0.88	
10,973	90.97	317.87	5267	5132	-3695	6321	0.92	0.91	0.14	
11,064	88.36	315.72	5267	5198	-3757	6411	3.72	-2.87	-2.36	
11,154	89.33	316.11	5269	5263	-3820	6501	1.16	1.08	0.43	
11,244	90.74	316.68	5269	5328	-3882	6590	1.69	1.57	0.63	
11,335	87.22	316.35	5271	5394	-3944	6681	3.89	-3.87	-0.36	
11,426	87.93	316.16	5274	5460	-4007	6771	0.81	0.78	-0.21	
11,517	87.96	315.92	5278	5525	-4070	6861	0.27	0.03	-0.26	
11,608	88.49	315.84	5280	5591	-4134	6952	0.59	0.58	-0.09	
11,697	88.63	315.54	5283	5654	-4196	7040	0.37	0.16	-0.34	
11,791	90.60	316.25	5283	5722	-4261	7133	2.23	2.10	0.76	
11,886	90.80	315.82	5282	5790	-4327	7228	0.50	0.21	-0.45	
11,980	90.37	316.36	5281	5858	-4392	7321	0.73	-0.46	0.57	
12,074	89.10	316.75	5282	5926	-4457	7415	1.41	-1.35	0.41	



Scientific Drilling

Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well 315H - Slot 3
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:	315H	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)	
12,168	89.50	316.41	5283	5994	-4521	7508	0.56	0.43	-0.36	
12,263	89.53	315.90	5284	6063	-4587	7603	0.54	0.03	-0.54	
12,357	89.83	315.66	5284	6130	-4653	7696	0.41	0.32	-0.26	
12,384	90.10	315.55	5284	6150	-4672	7723	1.08	1.00	-0.41	
12,435	90.10	315.55	5284	6186	-4707	7773	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										
315H 85° Casing Rev 3	0.00	0.00	5187	1145	14	1,916,315.78	2,742,808.89	36.26651119	-107.76644744	
- actual wellpath misses target center by 5ft at 5524ft MD (5182 TVD, 1144 N, 13 E)										
- Point										
315H Heel Rev 1	0.00	0.00	5202	1314	-134	1,916,485.54	2,742,660.45	36.26697780	-107.76695060	
- actual wellpath misses target center by 9ft at 5750ft MD (5193 TVD, 1313 N, -136 E)										
- Circle (radius 50)										
315H Toe Rev 1	0.00	0.00	5259	6187	-4739	1,921,354.78	2,738,051.99	36.28036160	-107.78257510	
- actual wellpath misses target center by 40ft at 12435ft MD (5284 TVD, 6186 N, -4707 E)										
- Circle (radius 100)										

Design Annotations					
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates			
		+N/-S (ft)	+E/-W (ft)	Comment	
455	455	2	-1	First Surface MWD Survey	
4751	4676	723	294	Last Surface MWD Survey	
4846	4768	747	293	First Curve MWD Survey	
5506	5180	1131	25	Last Curve MWD Survey	
5552	5184	1166	-4	First Lateral MWD Survey	
12,384	5284	6150	-4672	Last Lateral MWD Survey	
12,435	5284	6186	-4707	Projection to TD	

Checked By: _____ Approved By: _____ Date: _____

Well Name: NAGEEZI UNIT	Well Location: T24N / R9W / SEC 35 / SWSW / 36.263367 / -107.766496	County or Parish/State: SAN JUAN / NM
Well Number: 315H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM012374, NMNM12374	Unit or CA Name:	Unit or CA Number: NMNM132981A
US Well Number: 3004538196	Well Status: Drilling Well	Operator: DJR OPERATING LLC

Subsequent Report

Sundry ID: 2680690

Type of Submission: Subsequent Report	Type of Action: Hydraulic Fracturing
Date Sundry Submitted: 07/07/2022	Time Sundry Submitted: 08:20
Date Operation Actually Began: 06/12/2022	

Actual Procedure: Completion Sundry 5/26/22: PT 4.5" x 7" 2k (5 min) bleed down 7" to 1k & pressure up 4.5" to 7k (15 min). Bring pressure up to 7000 (15 min). NU 10k lower master. PT void & seals to 5k. Install two-way check & test L400 H9000 (5 min). All tests good & recorded on chart. 6/12/22 to 6/15/22: Perf, Plug & Frac 20 stages at 3 spf with .35" diameter from 5618' – 11478' MD (5188' – 5269' TVD). Total of 700 open holes. Plugs set from 5998' – 11,166'. KP at 5424'. As pumped: 34,719 bbls of fluid. 6,139,470 lbs of proppant. 59,061,867 scf of N2. 6/16/22: RD frac, N2 & WL. WSIS. 7/4/22 to 7/5/22: MIRU AWS 812. NU BOPE. Full function PT L300 H4900. Isolate 7" and 4.5" casing strings and PT surface iron up to flowback manifold L300 (5 min) H4900 (10 min). All tests good & recorded on chart. TIH. Drill out plugs. TOH. 7/6/22: Change over tubing rams. PT L250 H2000 (15min). Test good & recorded on chart. RIH with production string. Land 166 jts of 2.875" 6.5# L80 STC tubing. EOT: 5462'. Three GLVs set at 2024' – 3365' – 4477'. TOH. ND BOPE. NU production tree & PT L300 H5000 (30min). Test good & recorded on chart. Turn well over to production. Rig AWS 812 released on 07/06/22.

Well Name: NAGEEZI UNIT	Well Location: T24N / R9W / SEC 35 / SWSW / 36.263367 / -107.766496	County or Parish/State: SAN JUAN / NM
Well Number: 315H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM012374, NMNM12374	Unit or CA Name:	Unit or CA Number: NMNM132981A
US Well Number: 3004538196	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 07, 2022 08:18 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

08/15/2022

Operator Name DJR OPERATING LLC	Well Name NAGEEZI UNIT	Well Number 315H	US Well Number 3004538196
SHL SWSW Sec 35 24N 9W	County SAN JUAN	State NM	Lease Number(s) NMNM012374, NMNM12374
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 10400054286

Section 1 - General

Well Completion Report Id: 85637	Submission Date: N/A until DB	
BLM Office: Farmington Field Office	User: SHAW-MARIE FORD	Title: Regulatory Specialist
Federal/Indian: FEDERAL	Lease Number: NMNM012374	Lease Acres: 2240
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: 11-04-2021		
Date Total Measured Depth Reached: 01-09-2022		
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	727	728	USEABLE WATER	
KIRTLAND	SHALE		-880	880	883	NONE	

Operator Name DJR OPERATING LLC	Well Name NAGEEZI UNIT	Well Number 315H	US Well Number 3004538196
SHL SWSW Sec 35 24N 9W	County SAN JUAN	State NM	Lease Number(s) NMNM012374, NMNM12374
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 10400054286

Section 3 - Geologic

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral
FRUITLAND	COAL		-1149	1149	1157	NATURAL GAS	
PICTURED CLIFFS	SANDSTONE		-1499	1499	1515	USEABLE WATER	
LEWIS	SHALE		-1607	1607	1625	NONE	
CHACRA	SANDSTONE		-2284	2284	2316	NONE	
MENEFEE	COAL, SANDSTONE		-3014	3014	3061	NATURAL GAS	
POINT LOOKOUT	SANDSTONE		-3951	3951	4018	NONE	
MANCOS	SHALE		-4116	4116	4187	NONE	
MANCOS	SILTSTONE		-4445	4445	4523	NATURAL GAS, OIL	
GALLUP	SILTSTONE		-4945	4945	5057	NATURAL GAS, OIL	
GALLUP	SANDSTONE		-4986	4986	5110	NATURAL GAS, OIL	
GALLUP	SANDSTONE		-5103	5103	5290	NATURAL GAS, OIL	
GALLUP	SANDSTONE		-5206	5206	5656	NATURAL GAS, OIL	

Completion and Completed

Operator Name DJR OPERATING LLC	Well Name NAGEEZI UNIT	Well Number 315H	US Well Number 3004538196
SHL SWSW Sec 35 24N 9W	County SAN JUAN	State NM	Lease Number(s) NMNM012374, NMNM12374
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 10400054286

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	07-06-2022	07-07-2022	GALLUP	5618	11478	Y	.35	700	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	34719	6139470	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 315H	US Well Number 3004538196
SHL SWSW Sec 35 24N 9W	County SAN JUAN	State NM	Lease Number(s) NMNM012374, NMNM12374
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 10400054286

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	07/08/2022	24	696	1140	610	1637	44/64	303		1100

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	36.263367	-107.766496	6864	FEDERAL	NMNM12374				30	FSL	273	FWL	24N	9W	35	SWSW
KOP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.265534	-107.765728	6514	FEDERAL	NMNM12374				817	FSL	503	FWL	24N	9W	35	SWSW
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.275556	-107.776805	1580	FEDERAL	NMNM12374				840	FNL	2517	FWL	24N	9W	34	NENW
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.277851	-107.779487	1580	FEDERAL	NMNM12374				1	FSL	1726	FWL	24N	9W	27	SESW
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.270553	-107.771046	1580	INDIAN	N0G14021987				2660	FNL	1056	FEL	24N	9W	34	SENE

Operator Name DJR OPERATING LLC	Well Name NAGEEZI UNIT	Well Number 315H	US Well Number 3004538196
SHL SWSW Sec 35 24N 9W	County SAN JUAN	State NM	Lease Number(s) NMNM012374, NMNM12374
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 10400054286

	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	36.266569	-107.766511	1580	FEDERAL	NMNM12374				1196	FSL	274	FWL	24N	9W	35	SWSW
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.270553	-107.767445	1580	INDIAN	NOG14031918				1499	FSL	1	FEL	24N	9W	34	NESE
EXIT Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.280259	-107.782346	1580	FEDERAL	NMNM12374				882	FSL	903	FWL	24N	9W	27	SWSW
BHL Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.280359	-107.782468	1580	FEDERAL	NMNM12374	5284	11533	Bridge Plug	918	FSL	868	FWL	24N	9W	27	SWSW

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)
---------------	--------------------	-----------	------------------------	---------------------------	-------------	------------	--------------	-----------------------------	-------	-------------	--------------------

Operator Name DJR OPERATING LLC	Well Name NAGEEZI UNIT	Well Number 315H	US Well Number 3004538196
SHL SWSW Sec 35 24N 9W	County SAN JUAN	State NM	Lease Number(s) NMNM012374, NMNM12374
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 10400054286

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	350	9.625	36	J-55		ST&C		
00	INTERMEDIATE	8.75	0	5540	7.0	26	J-55		LT&C		
00	LINER	6.125	5303	12430	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	2.25	0	G	170	1.47	3936	226
00	LINER		G	608	1.52	5303					164.6

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		5462	5325	6	L-80		ST&C	

Operator Name DJR OPERATING LLC	Well Name NAGEEZI UNIT	Well Number 315H	US Well Number 3004538196
SHL SWSW Sec 35 24N 9W	County SAN JUAN	State NM	Lease Number(s) NMNM012374, NMNM12374
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 10400054286

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.

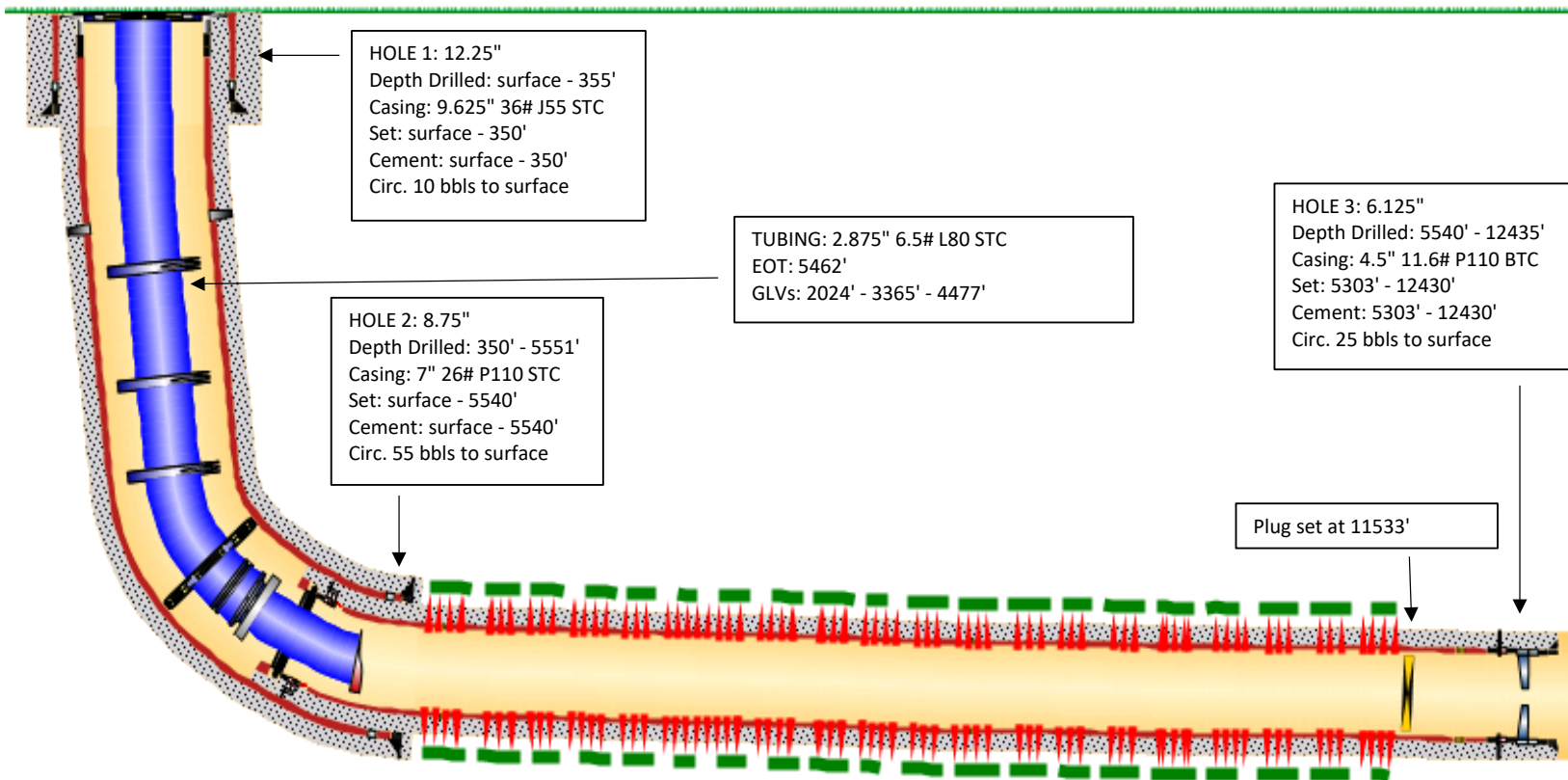
Name: DJR OPERATING LLC**Signed By:** SHAW-MARIE FORD**Title:** Regulatory Specialist**Signed on:** 08/11/2022**Street Address:** 1 Road 3263**City:** Aztec**State:** NM**Zip:** 87410**Phone:** (505)632-3476**Email address:** sford@djrlc.com**Field****Representative Name:****Street Address:****City:****State:****Zip:****Phone:****Extension:****Email address:****Attachments**

Operator Name DJR OPERATING LLC	Well Name NAGEEZI UNIT	Well Number 315H	US Well Number 3004538196
SHL SWSW Sec 35 24N 9W	County SAN JUAN	State NM	Lease Number(s) NMNM012374, NMNM12374
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 10400054286

315H_As_Drilled_C102_and_WBD_20220809095757.pdf

315H_Certified_EOW_DD_Survey_2.0_20220809095959.pdf

FORMATION	MD	TVD
Ojo Alamo	728'	727'
Kirtland	883'	880'
Fruitland	1157'	1149'
Pictured Cliffs	1515'	1499'
Lewis	1625'	1607'
Chacra	2316'	2284'
Menefee	3061'	3014'
Point Lookout	4018'	3951'
Mancos	4187'	4116'
KOP~	4768'	4692'
Gallup	5057'	4945'
Target	5656'	5206'



Perf:	20 Stages	Frac:	20 Stages
Depth:	5618' - 11478' MD		34,719 bbls of fluid
	5188' - 5269' TVD		6,139,470 lbs of proppant
			59,061,867 scf of N2
Total of 700 Open Holes			

(NAD83)	LAT.	LONG.
SHL:	36.263367	-107.766496
FTP:	36.266569	-107.766511
LTP:	36.280259	-107.782346
BHL:	36.280359	-107.782468

BHL: SWSW M-27-24N-09W
 918' FSL x 868' FWL

12,435'	TD
5,284'	TVD
11,533	PBTD
12,390	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 139382

ACKNOWLEDGMENTS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 139382
	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 139382

CONDITIONS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 139382
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

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