

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☒ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address DJR Operating, LLC 1 Road 3263 Aztec, NM 87410		² OGRID Number 371838	
		³ Reason for Filing Code/ Effective Date NW	
⁴ API Number 30-045-38245	⁵ Pool Name Nageezi Unit; Mancos (Oil)		⁶ Pool Code 98080
⁷ Property Code 325268	⁸ Property Name Nageezi Unit		⁹ Well Number 633H

II. ¹⁰ Surface Location

Ul or lot no. H	Section 33	Township 24N	Range 09W	Lot Idn	Feet from the 1363'	North/South Line North	Feet from the 562'	East/West line East	County San Juan
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¹¹ Bottom Hole Location

UL or lot no. G	Section 03	Township 23N	Range 09W	Lot Idn	Feet from the 1647'	North/South line North	Feet from the 2014'	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 10/21/21	²² Ready Date 06/19/22	²³ TD 11,697' MD 5,077' TVD	²⁴ PBTD 11,678' MD 5,077' TVD	²⁵ Perforations 5,757'-11,623' MD 5,077'- 5,180' TVD Frac Sleeve @ 11,657'	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set	³⁰ Sacks Cement
12.25		9.625" 36# J55		377'	109
8.75		7" 26# J55		5,529'	634
6.125		4.5" 11.6# P110		TOL: 5,357' BOL: 11,692'	553
		2.875" 6.5# L80 Tubing		5484'	

V. Well Test Data

³¹ Date New Oil 06/22/22	³² Gas Delivery Date 07/19/22	³³ Test Date 06/24/22	³⁴ Test Length 24	³⁵ Tbg. Pressure 471	³⁶ Csg. Pressure 971
³⁷ Choke Size 48/64	³⁸ Oil 794	³⁹ Water 284	⁴⁰ Gas 526		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: 07/26/22		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 30-045-38245	² Pool Code 98080	³ Pool Name NAGEEZI UNIT MANCOS OIL POOL
⁴ Property Code 325268	⁵ Property Name NAGEEZI UNIT	⁶ Well Number 633H
⁷ GRID No. 371838	⁸ Operator Name DJR OPERATING, LLC	⁹ Elevation 6876'

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
H	33	24N	9W		1363'	NORTH	562'	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
G	3	23N	9W		1647'	NORTH	2014'	EAST	SAN JUAN

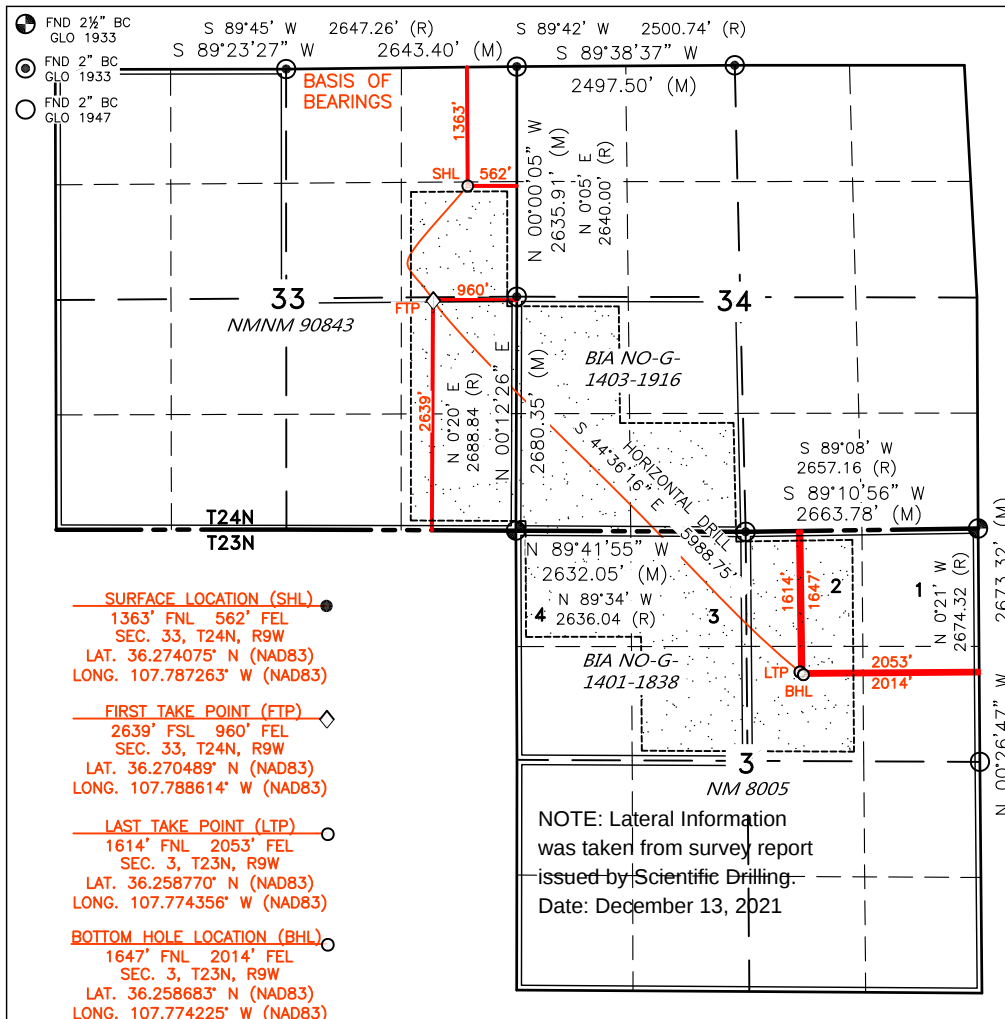
¹² Dedicated Acres PENETRATED SPACING UNIT;
SEC 33: SE/NE, NE/SE & SE/SE (120 AC.); SEC 34:
NW/SW, SW/SW & SE/SW (120 AC.); SEC 3: NW/NW,
NE/NW, SE/NW, NW/NE & SW/NE (202.61 AC.); =
442.61 ACRES TOTAL

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 05/02/22
Signature Date

Shaw-Marie Ford
Printed Name

sford@djrlc.com
E-mail Address

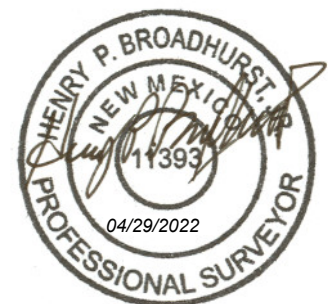
SURVEYOR CERTIFICATION

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.

APRIL 28, 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 H33 2409 633H
County & State	San Juan, NM
SDI Job No.	OP.031539
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 452 feet to a measured depth of 11,697 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

13-Dec-21

Date

Janie Collins

Contract Well Planner
Scientific Drilling International



DJR

**Nageezi Unit
H33 2409 Pad
#633H**

End of Well Report



www.scientificdrilling.com

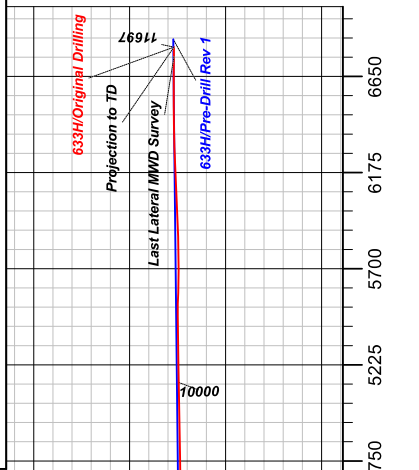
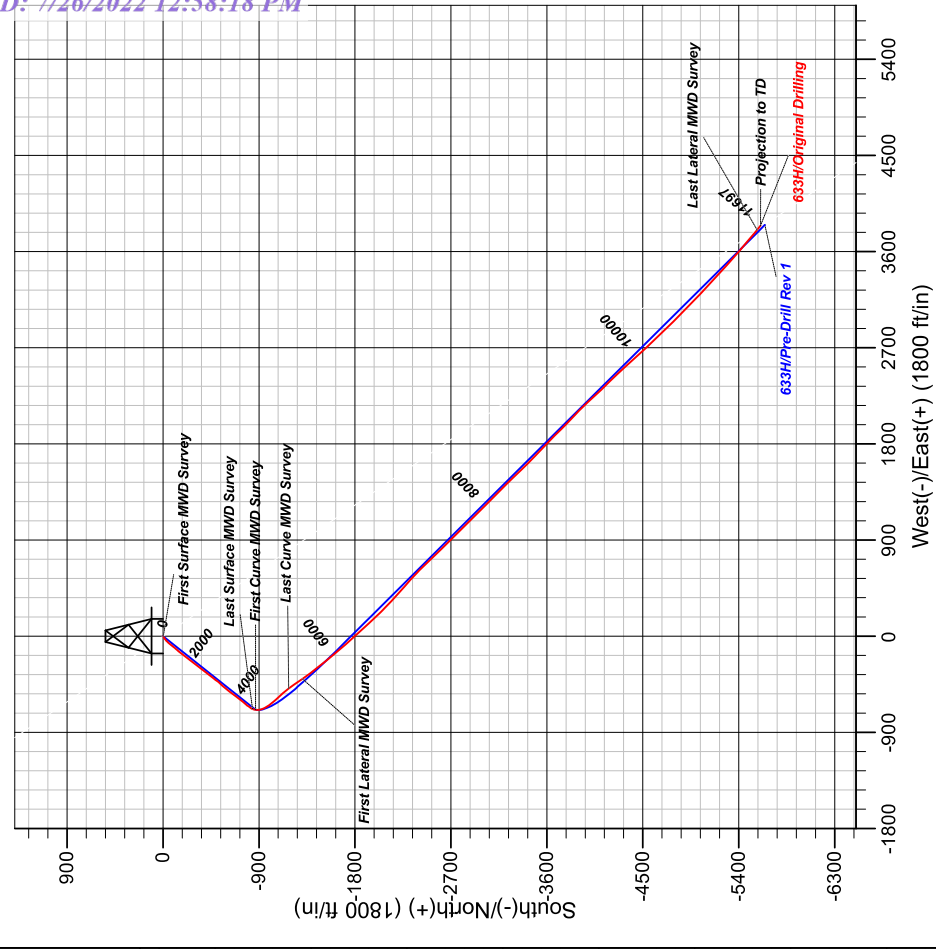
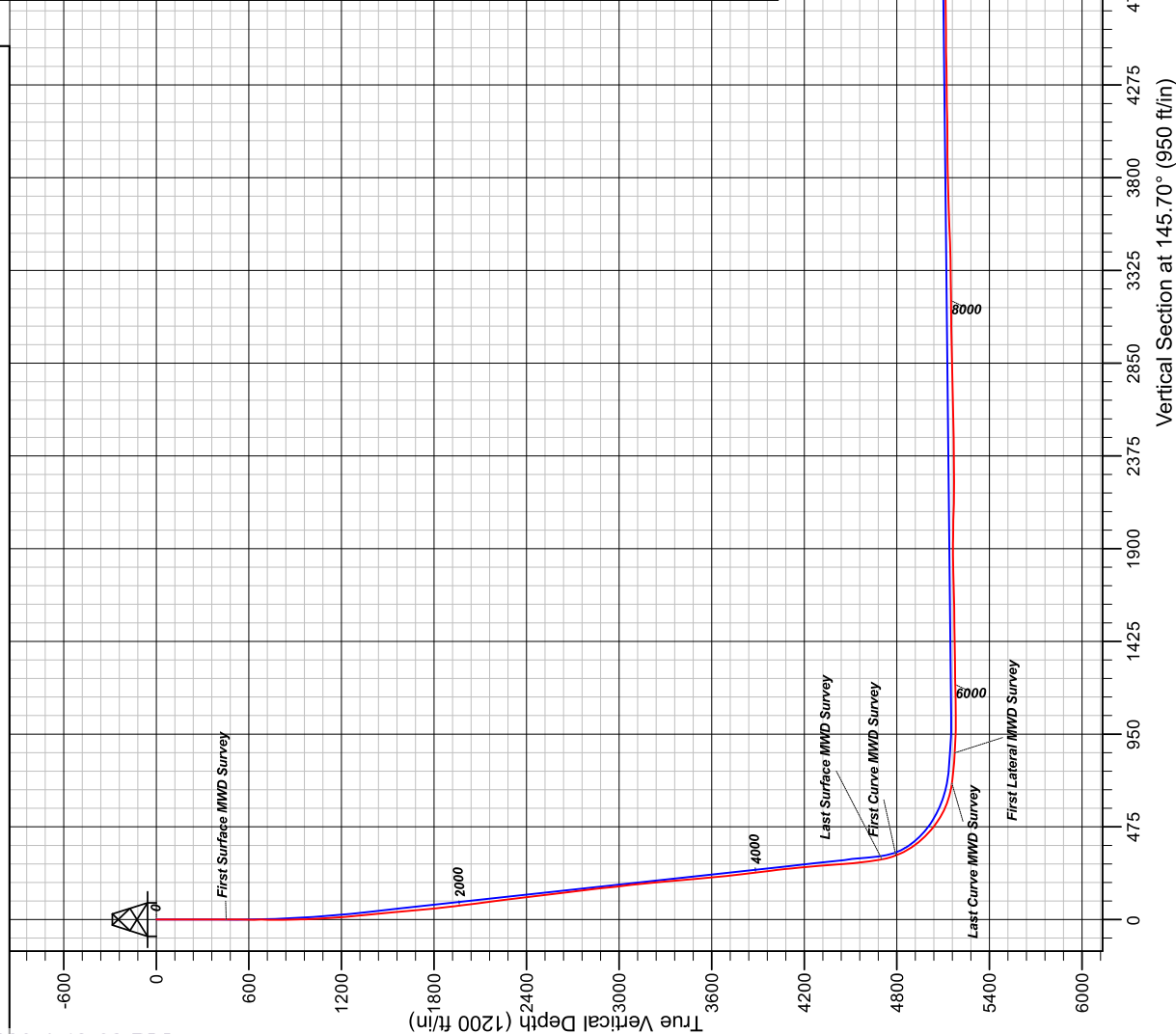


Company Name: DJR Operating
Project: Nageezi Unit
Site: H33 2409
Well: 633H
Wellbore: Original Drilling



WELL DETAILS: 633H

GL 6877 & RKB 26' @ 6903ft (H&P 443) 6877			
+N/-S	+E/-W	Northing	Longitude
0	0	1919065.61	-107.78726300
1			



Design: Original Drilling (633H/Original Drilling)
Created By: Janie Collins Date: 8:46, December 13 2021
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

H33 2409

633H - Slot 1

Original Drilling

Design: Original Drilling

Standard Survey Report

13 December, 2021



www.scientificdrilling.com





Scientific Drilling

Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well 633H - Slot 1
Project:	Nageezi Unit	TVD Reference:	GL 6877' & RKB 26' @ 6903ft (H&P 443)
Site:	H33 2409	MD Reference:	GL 6877' & RKB 26' @ 6903ft (H&P 443)
Well:	633H	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		H33 2409			
Site Position:		Northing:	1,919,065.61 usft	Latitude:	36.27407500
From:	Lat/Long	Easting:	2,736,671.38 usft	Longitude:	-107.78726300
Position Uncertainty:	0 ft	Slot Radius:	13.20 in	Grid Convergence:	0.03 °

Well		633H - Slot 1				
Well Position	+N/-S	0 ft	Northing:	1,919,065.61 usft	Latitude:	36.27407500
	+E/-W	0 ft	Easting:	2,736,671.38 usft	Longitude:	-107.78726300
Position Uncertainty		0 ft	Wellhead Elevation:	ft	Ground Level:	6877 ft

Wellbore	Original Drilling				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM2021_FILE	12/1/2021	8.63	62.75	49,223.80000000

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	145.70	

Survey Program	Date	12/13/2021			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
452	4847	Survey #1 - Surface MWD Survey (Origin	MWD+HDGM	OWSG MWD + HDGM	
4942	5554	Survey #2 - Curve MWD Survey (Original	MWD+HDGM	OWSG MWD + HDGM	
5649	11,697	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	
452	0.62	237.67	452	-1	-2	0	0.14	0.14	0.00	
542	2.66	241.41	542	-3	-4	0	2.27	2.27	4.16	
635	4.52	234.05	635	-6	-9	0	2.06	2.00	-7.91	
728	5.90	237.93	727	-10	-16	0	1.53	1.48	4.17	
821	7.41	236.44	820	-16	-25	-1	1.63	1.62	-1.60	
912	9.39	229.66	910	-24	-36	0	2.43	2.18	-7.45	
1004	11.11	223.49	1000	-36	-48	3	2.22	1.87	-6.71	



Scientific Drilling

Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well 633H - Slot 1
Project:	Nageezi Unit	TVD Reference:	GL 6877' & RKB 26' @ 6903ft (H&P 443)
Site:	H33 2409	MD Reference:	GL 6877' & RKB 26' @ 6903ft (H&P 443)
Well:	633H	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	11.28	221.59	1091	-49	-60	7	0.44	0.18	-2.07	
1189	13.08	223.46	1181	-63	-73	11	1.98	1.94	2.01	
1281	14.48	217.52	1271	-80	-87	17	2.16	1.52	-6.46	
1373	13.78	215.97	1360	-98	-101	24	0.86	-0.76	-1.68	
1466	15.63	220.74	1450	-116	-115	31	2.38	1.99	5.13	
1557	15.12	219.80	1538	-135	-131	38	0.62	-0.56	-1.03	
1648	16.28	222.89	1625	-153	-147	44	1.57	1.27	3.40	
1737	14.79	221.35	1711	-171	-163	49	1.74	-1.67	-1.73	
1829	15.71	216.96	1800	-190	-178	56	1.60	1.00	-4.77	
1920	15.05	215.16	1888	-209	-193	64	0.90	-0.73	-1.98	
2015	16.76	216.69	1979	-230	-208	73	1.85	1.80	1.61	
2110	16.72	215.70	2070	-252	-224	82	0.30	-0.04	-1.04	
2205	16.77	214.37	2161	-275	-240	92	0.41	0.05	-1.40	
2300	16.41	219.44	2252	-296	-256	101	1.57	-0.38	5.34	
2395	17.03	217.78	2343	-318	-273	109	0.82	0.65	-1.75	
2490	17.87	218.17	2434	-340	-291	117	0.89	0.88	0.41	
2584	18.89	218.07	2523	-364	-309	126	1.09	1.09	-0.11	
2680	17.65	218.38	2614	-387	-327	135	1.30	-1.29	0.32	
2775	17.25	218.15	2705	-410	-345	144	0.43	-0.42	-0.24	
2869	17.16	217.71	2794	-431	-362	152	0.17	-0.10	-0.47	
2964	15.63	218.02	2885	-453	-379	161	1.61	-1.61	0.33	
3059	14.84	216.66	2977	-473	-394	168	0.91	-0.83	-1.43	
3154	15.68	217.83	3069	-492	-409	176	0.94	0.88	1.23	
3250	15.57	216.38	3161	-513	-425	185	0.42	-0.11	-1.51	
3344	15.88	221.29	3252	-533	-441	192	1.45	0.33	5.22	
3439	15.07	220.82	3343	-552	-457	198	0.86	-0.85	-0.49	
3534	15.31	221.21	3435	-571	-474	205	0.27	0.25	0.41	
3629	15.14	220.74	3527	-590	-490	211	0.22	-0.18	-0.49	
3723	15.04	221.15	3617	-608	-506	217	0.16	-0.11	0.44	
3818	16.25	217.61	3709	-628	-522	224	1.62	1.27	-3.73	
3913	15.25	217.29	3800	-648	-538	233	1.06	-1.05	-0.34	
4008	15.74	215.18	3892	-669	-553	241	0.79	0.52	-2.22	
4103	15.12	214.49	3983	-690	-567	250	0.68	-0.65	-0.73	
4197	16.35	218.73	4074	-710	-582	258	1.79	1.31	4.51	
4292	14.48	217.44	4165	-730	-598	266	2.00	-1.97	-1.36	
4387	14.77	222.29	4257	-748	-613	272	1.32	0.31	5.11	
4482	13.55	221.97	4350	-765	-629	278	1.29	-1.28	-0.34	
4577	12.73	218.76	4442	-782	-643	284	1.16	-0.86	-3.38	
4671	14.63	217.22	4533	-799	-657	290	2.06	2.02	-1.64	
4767	15.30	214.14	4626	-820	-671	299	1.08	0.70	-3.21	



Scientific Drilling

Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well 633H - Slot 1
Project:	Nageezi Unit	TVD Reference:	GL 6877' & RKB 26' @ 6903ft (H&P 443)
Site:	H33 2409	MD Reference:	GL 6877' & RKB 26' @ 6903ft (H&P 443)
Well:	633H	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	15.27	202.34	4703	-838	-681	309	3.88	-0.04	-14.75	
4942	22.20	188.78	4793	-867	-689	329	8.57	7.29	-14.27	
5037	28.19	170.75	4879	-907	-688	362	10.18	6.31	-18.98	
5132	34.84	151.57	4960	-954	-671	410	12.59	7.00	-20.19	
5227	44.88	144.00	5033	-1005	-638	470	11.72	10.57	-7.97	
5322	55.62	136.75	5094	-1061	-592	543	12.72	11.31	-7.63	
5417	70.27	137.33	5137	-1122	-534	626	15.43	15.42	0.61	
5492	79.52	143.24	5157	-1178	-488	698	14.49	12.33	7.88	
5554	83.65	145.21	5166	-1228	-452	759	7.37	6.66	3.18	
5649	85.51	145.13	5175	-1305	-398	854	1.96	1.96	-0.08	
5742	87.79	143.79	5180	-1381	-344	947	2.84	2.45	-1.44	
5836	90.87	141.70	5181	-1456	-287	1041	3.96	3.28	-2.22	
5929	90.64	141.14	5180	-1528	-229	1133	0.65	-0.25	-0.60	
6023	91.81	140.62	5178	-1601	-170	1227	1.36	1.24	-0.55	
6117	90.47	139.59	5176	-1673	-110	1321	1.80	-1.43	-1.10	
6211	91.21	138.62	5175	-1744	-48	1414	1.30	0.79	-1.03	
6304	90.23	137.50	5174	-1814	14	1506	1.60	-1.05	-1.20	
6398	91.98	137.54	5172	-1883	77	1599	1.86	1.86	0.04	
6489	91.87	136.72	5169	-1950	139	1689	0.91	-0.12	-0.90	
6580	92.11	136.12	5166	-2016	202	1779	0.71	0.26	-0.66	
6670	90.33	134.66	5164	-2080	265	1867	2.56	-1.98	-1.62	
6761	89.00	132.72	5164	-2142	331	1956	2.58	-1.46	-2.13	
6852	88.43	132.33	5166	-2204	398	2045	0.76	-0.63	-0.43	
6942	88.13	131.13	5169	-2264	465	2132	1.37	-0.33	-1.33	
7032	89.23	132.62	5171	-2324	532	2220	2.06	1.22	1.66	
7123	90.33	132.87	5171	-2386	599	2308	1.24	1.21	0.27	
7215	91.51	137.21	5170	-2451	664	2399	4.89	1.28	4.72	
7306	91.34	136.43	5168	-2517	726	2489	0.88	-0.19	-0.86	
7396	91.95	135.81	5165	-2582	789	2577	0.97	0.68	-0.69	
7486	91.74	135.65	5162	-2646	851	2666	0.29	-0.23	-0.18	
7577	90.94	134.50	5160	-2711	916	2755	1.54	-0.88	-1.26	
7667	91.34	134.65	5158	-2774	980	2844	0.47	0.44	0.17	
7758	91.81	136.31	5156	-2839	1043	2933	1.90	0.52	1.82	
7849	91.34	135.71	5153	-2904	1107	3023	0.84	-0.52	-0.66	
7939	91.11	135.34	5151	-2968	1170	3111	0.48	-0.26	-0.41	
8030	90.84	134.77	5150	-3033	1234	3201	0.69	-0.30	-0.63	
8121	90.20	134.46	5149	-3097	1299	3290	0.78	-0.70	-0.34	
8212	91.78	133.77	5147	-3160	1364	3379	1.89	1.74	-0.76	
8303	92.58	136.06	5144	-3224	1428	3468	2.66	0.88	2.52	
8394	92.91	136.68	5139	-3290	1491	3558	0.77	0.36	0.68	



Scientific Drilling

Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well 633H - Slot 1
Project:	Nageezi Unit	TVD Reference:	GL 6877' & RKB 26' @ 6903ft (H&P 443)
Site:	H33 2409	MD Reference:	GL 6877' & RKB 26' @ 6903ft (H&P 443)
Well:	633H	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)	
8484	92.01	135.38	5136	-3355	1554	3647	1.76	-1.00	-1.44	
8574	91.68	134.93	5133	-3418	1617	3735	0.62	-0.37	-0.50	
8666	91.94	134.75	5130	-3483	1682	3826	0.34	0.28	-0.20	
8756	90.54	133.63	5128	-3546	1747	3914	1.99	-1.56	-1.24	
8847	89.90	134.01	5128	-3609	1812	4003	0.82	-0.70	0.42	
8939	91.84	135.09	5126	-3674	1878	4093	2.41	2.11	1.17	
9029	91.04	134.61	5124	-3737	1942	4181	1.04	-0.89	-0.53	
9120	90.97	134.05	5122	-3801	2007	4271	0.62	-0.08	-0.62	
9210	90.87	133.46	5121	-3863	2072	4359	0.66	-0.11	-0.66	
9302	90.87	136.10	5119	-3928	2137	4449	2.87	0.00	2.87	
9392	90.10	136.94	5119	-3993	2199	4538	1.27	-0.86	0.93	
9483	91.58	137.16	5117	-4060	2261	4628	1.64	1.63	0.24	
9574	90.60	135.71	5116	-4125	2324	4717	1.92	-1.08	-1.59	
9664	91.37	136.33	5114	-4190	2386	4806	1.10	0.86	0.69	
9755	91.54	136.56	5112	-4256	2449	4896	0.31	0.19	0.25	
9846	90.90	136.64	5110	-4322	2511	4986	0.71	-0.70	0.09	
9938	91.31	137.62	5108	-4390	2574	5077	1.15	0.45	1.07	
10,028	91.00	137.77	5106	-4456	2635	5166	0.38	-0.34	0.17	
10,119	91.41	137.25	5104	-4523	2696	5256	0.73	0.45	-0.57	
10,210	91.64	137.70	5102	-4590	2757	5346	0.56	0.25	0.49	
10,302	90.00	137.18	5101	-4658	2820	5437	1.87	-1.78	-0.57	
10,392	88.93	135.05	5101	-4723	2882	5526	2.65	-1.19	-2.37	
10,482	88.09	134.30	5104	-4786	2946	5614	1.25	-0.93	-0.83	
10,572	89.87	134.06	5105	-4849	3011	5702	2.00	1.98	-0.27	
10,664	90.23	133.62	5105	-4913	3077	5792	0.62	0.39	-0.48	
10,754	93.12	133.89	5103	-4975	3142	5880	3.23	3.21	0.30	
10,844	93.39	133.90	5098	-5037	3207	5968	0.30	0.30	0.01	
10,934	93.21	134.08	5092	-5100	3271	6056	0.28	-0.20	0.20	
11,025	93.02	133.16	5087	-5162	3337	6145	1.03	-0.21	-1.01	
11,116	92.98	132.78	5083	-5224	3404	6234	0.42	-0.04	-0.42	
11,207	92.18	132.58	5079	-5286	3470	6322	0.91	-0.88	-0.22	
11,301	90.20	130.78	5077	-5348	3541	6413	2.85	-2.11	-1.91	
11,395	90.07	130.39	5076	-5409	3612	6504	0.44	-0.14	-0.41	
11,489	90.07	130.01	5076	-5470	3684	6595	0.40	0.00	-0.40	
11,584	89.93	129.95	5076	-5531	3757	6686	0.16	-0.15	-0.06	
11,647	89.33	129.08	5077	-5571	3805	6747	1.68	-0.95	-1.38	
11,697	89.33	129.08	5077	-5603	3844	6795	0.00	0.00	0.00	



Scientific Drilling

Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well 633H - Slot 1
Project:	Nageezi Unit	TVD Reference:	GL 6877' & RKB 26' @ 6903ft (H&P 443)
Site:	H33 2409	MD Reference:	GL 6877' & RKB 26' @ 6903ft (H&P 443)
Well:	633H	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)		
633H Toe	0.00	0.00	5072	-5645	3851	1,913,422.64	2,740,525.11	36.25856760	-107.77420060
- actual wellpath misses target center by 43ft at 11697ft MD (5077 TVD, -5603 N, 3844 E)									
- Circle (radius 100)									
633H 85° Casing	0.00	0.00	5137	-1260	-474	1,917,805.25	2,736,197.82	36.27061331	-107.78887156
- actual wellpath misses target center by 47ft at 5565ft MD (5167 TVD, -1237 N, -446 E)									
- Point									
633H Heel	0.00	0.00	5152	-1457	-301	1,917,608.76	2,736,370.76	36.27007330	-107.78828520
- actual wellpath misses target center by 32ft at 5828ft MD (5181 TVD, -1449 N, -292 E)									
- Circle (radius 50)									

Design Annotations					
Measured Depth	Vertical Depth	Local Coordinates			
(ft)	(ft)	+N/-S (ft)	+E/-W (ft)	Comment	
452	452	-1	-2	First Surface MWD Survey	
4847	4703	-838	-681	Last Surface MWD Survey	
4942	4793	-867	-689	First Curve MWD Survey	
5492	5157	-1178	-488	Last Curve MWD Survey	
5649	5175	-1305	-398	First Lateral MWD Survey	
11,647	5077	-5571	3805	Last Lateral MWD Survey	
11,697	5077	-5603	3844	Projection to TD	

Checked By: _____ Approved By: _____ Date: _____

Well Name: NAGEEZI UNIT	Well Location: T24N / R9W / SEC 33 / SENE / 36.274075 / -107.787263	County or Parish/State: SAN JUAN / NM
Well Number: 633H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM090843, NMNM90843	Unit or CA Name:	Unit or CA Number: NMNM132981A
US Well Number: 3004538245	Well Status: Drilling Well	Operator: DJR OPERATING LLC

Subsequent Report

Sundry ID: 2678048

Type of Submission: Subsequent Report

Date Sundry Submitted: 06/21/2022

Date Operation Actually Began: 05/24/2022

Type of Action: Hydraulic Fracturing

Time Sundry Submitted: 01:21

Actual Procedure: Completion 5/24/22: 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 7500 (15 min). NU 10k lower master. PT void & seals to 5k. Install two-way check & test L400 H9600 (5 min). All tests good & recorded on chart. Open master valve, increase pressure, shift sleeve at 9035. 5/25/22 to 6/8/22: Plug & Perf 20 stages at 3 spf with .35" diameter from 11623' – 5757' MD (5077' – 5180' TVD). Total of 700 open holes. Plugs set from 11342' – 6042'. KP at 5557'. Frac 20 stages with 33,400 bbls of fluid, 6,140,780 lbs of proppant, 55,940,348 scf of N2. 6/9/22: RD frac, N2 & wireline. WSIS. 6/17/22: MIRU AWS 812. NU BOPE, function test L400 H4900. Test good & recorded on chart. Isolate 7" and 4.5" casing strings and PT surface iron up to flowback manifold L300 (5 min) H4800 (10 min.). Test good & recorded on chart. 6/18/22: TIH. Drill out plugs. TOH. 6/19/22: Change over tubing rams & PT L250 H2000 (30 min). Test good & recorded on chart. RIH with production string. Land 167 jts of 2.875" 6.5# L80 STC tubing. EOT: 5484'. Three GLVs set at 4539' – 3394' – 2052'. TOH. ND BOP. NU production tree & PT L250 H5000 (10 min). Wellhead failed. Order & Installed new wellhead. PT L250 H5000 (30 min) test good & recorded on chart. Turn well over to production. Rig AWS 812 released on 6/19/22.

Well Name: NAGEEZI UNIT	Well Location: T24N / R9W / SEC 33 / SENE / 36.274075 / -107.787263	County or Parish/State: SAN JUAN / NM
Well Number: 633H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM090843, NMNM90843	Unit or CA Name:	Unit or CA Number: NMNM132981A
US Well Number: 3004538245	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: JUN 21, 2022 01:21 PM
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: 07/01/2022
Signature: Kenneth Rennick	



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

Well Completion Print

07/26/2022

Operator Name DJR OPERATING LLC	Well Name NAGEEZI UNIT	Well Number 633H	US Well Number 3004538245
SHL SENE Sec 33 24N 9W	County SAN JUAN	State NM	Lease Number(s) NMNM090843, NMNM90843
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s) NMNM132981A
Allottee/Tribe Name	Well Pad Name NAGEEZI UNIT H33-2409	Well Pad Number 633H-608H	ID 10400053949

Section 1 - General

Well Completion Report Id: 85476**Submission Date:** N/A until DB**BLM Office:** Farmington Field Office**User:** SHAW-MARIE FORD**Title:** Regulatory Specialist**Federal/Indian:** FEDERAL**Lease Number:** NMNM090843**Lease Acres:** 440**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:** 10-21-2021**Date Total Measured Depth Reached:** 12-03-2021**Drill & Abandon or Ready To Produce:** READY TO**Well Class:** HORIZONTAL

Section 3 - Geologic

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral
OJO ALAMO	SANDSTONE		6876	661	661	USEABLE WATER	
KIRTLAND	SHALE		-814	814	815	NONE	

Operator Name DJR OPERATING LLC	Well Name NAGEEZI UNIT	Well Number 633H	US Well Number 3004538245
SHL SENE Sec 33 24N 9W	County SAN JUAN	State NM	Lease Number(s) NMNM090843, NMNM90843
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s) NMNM132981A
Allottee/Tribe Name	Well Pad Name NAGEEZI UNIT H33-2409	Well Pad Number 633H- 608H	ID 10400053949

Section 3 - Geologic

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral
FRUITLAND	COAL		-1104	1104	1111	NATURAL GAS	
PICTURED CLIFFS	SANDSTONE		-1450	1450	1471	USEABLE WATER	
LEWIS	SHALE		-1547	1547	1572	NONE	
CHACRA	SANDSTONE		-2190	2190	2241	NONE	
MENEFEE	COAL, SANDSTONE		-2939	2939	3021	NATURAL GAS	
POINT LOOKOUT	SANDSTONE		-3893	3893	4014	NONE	
MANCOS	SHALE		-4068	4068	4196	NONE	
MANCOS	SILTSTONE		-4386	4386	4528	NATURAL GAS, OIL	
GALLUP	SILTSTONE		-4881	4881	5067	NATURAL GAS, OIL	
GALLUP	SANDSTONE		-4920	4920	5118	NATURAL GAS, OIL	
GALLUP	SANDSTONE		-5046	5046	5318	NATURAL GAS, OIL	
GALLUP	SANDSTONE		-5140	5140	5684	NATURAL GAS, OIL	

Completion and Completed

Operator Name DJR OPERATING LLC	Well Name NAGEEZI UNIT	Well Number 633H	US Well Number 3004538245
SHL SENE Sec 33 24N 9W	County SAN JUAN	State NM	Lease Number(s) NMNM090843, NMNM90843
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s) NMNM132981A
Allottee/Tribe Name	Well Pad Name NAGEEZI UNIT H33-2409	Well Pad Number 633H-608H	ID 10400053949

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	NMNM90843	NEW		POW	06-19-2022	06-22-2022	GALLUP	5757	11623	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	33400	6140780	Chemical Disclosure uploaded to FracFocus on 06/15/22

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 633H	US Well Number 3004538245
SHL SENE Sec 33 24N 9W	County SAN JUAN	State NM	Lease Number(s) NMNM090843, NMNM90843
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s) NMNM132981A
Allottee/Tribe Name	Well Pad Name NAGEEZI UNIT H33-2409	Well Pad Number 633H-608H	ID 10400053949

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	06/24/2022	24	794	526	284	662	48/64	471		971

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	36.274075	-107.787263	6876	FEDERAL	NMNM12374			1363	FNL	562	FEL	24N	9W	33	SENE
KOP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.271659	-107.789419	6493	FEDERAL	NMNM12374			2234	FNL	1197	FEL	24N	9W	33	SENE
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.2632	-107.77993	1799	INDIAN	NOG14011838			1	FNL	1611	FWL	23N	9W	3	NENW
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.267583	-107.785373	1799	INDIAN	NOG14031916			1586	FSL	1	FWL	24N	9W	34	NWSW
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.270489	-107.788614	1799	FEDERAL	NMNM90843			2639	FSL	960	FEL	24N	9W	33	NESE

Operator Name DJR OPERATING LLC	Well Name NAGEEZI UNIT	Well Number 633H	US Well Number 3004538245
SHL SENE Sec 33 24N 9W	County SAN JUAN	State NM	Lease Number(s) NMNM090843, NMNM90843
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s) NMNM132981A
Allottee/Tribe Name	Well Pad Name NAGEEZI UNIT H33-2409	Well Pad Number 633H-608H	ID 10400053949

	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
EXIT Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.25877	-107.774356	1799	FEDERAL	NMNM 8005				1614	FNL	2053	FEL	23N	9W	3	SWNE
BHL Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.258683	-107.774225	1799	FEDERAL	NMNM 8005	5077	11678		1647	FNL	2014	FEL	23N	9W	3	SWNE

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	377	9.625	36	J-55		ST&C		
00	INTERMEDIATE	8.75	0	5529	7.0	26	J-55		LT&C		
00	LINER	6.125	5357	11692	4.5	11.6	P-110		BUTT		

Operator Name DJR OPERATING LLC	Well Name NAGEEZI UNIT	Well Number 633H	US Well Number 3004538245
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Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s) NMNM132981A
Allottee/Tribe Name	Well Pad Name NAGEEZI UNIT H33-2409	Well Pad Number 633H-608H	ID 10400053949

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	440	2.25	0	G	194	1.47	4348	227.1
00	LINER		G	553	1.52	5357					149.7

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		5484	5379	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 633H	US Well Number 3004538245
SHL SENE Sec 33 24N 9W	County SAN JUAN	State NM	Lease Number(s) NMNM090843, NMNM90843
Well Type OIL WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s) NMNM132981A
Allottee/Tribe Name	Well Pad Name NAGEEZI UNIT H33-2409	Well Pad Number 633H-608H	ID 10400053949

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: 07/26/2022

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

633H_EOW_Certified_DD_Survey_20220722133845.pdf

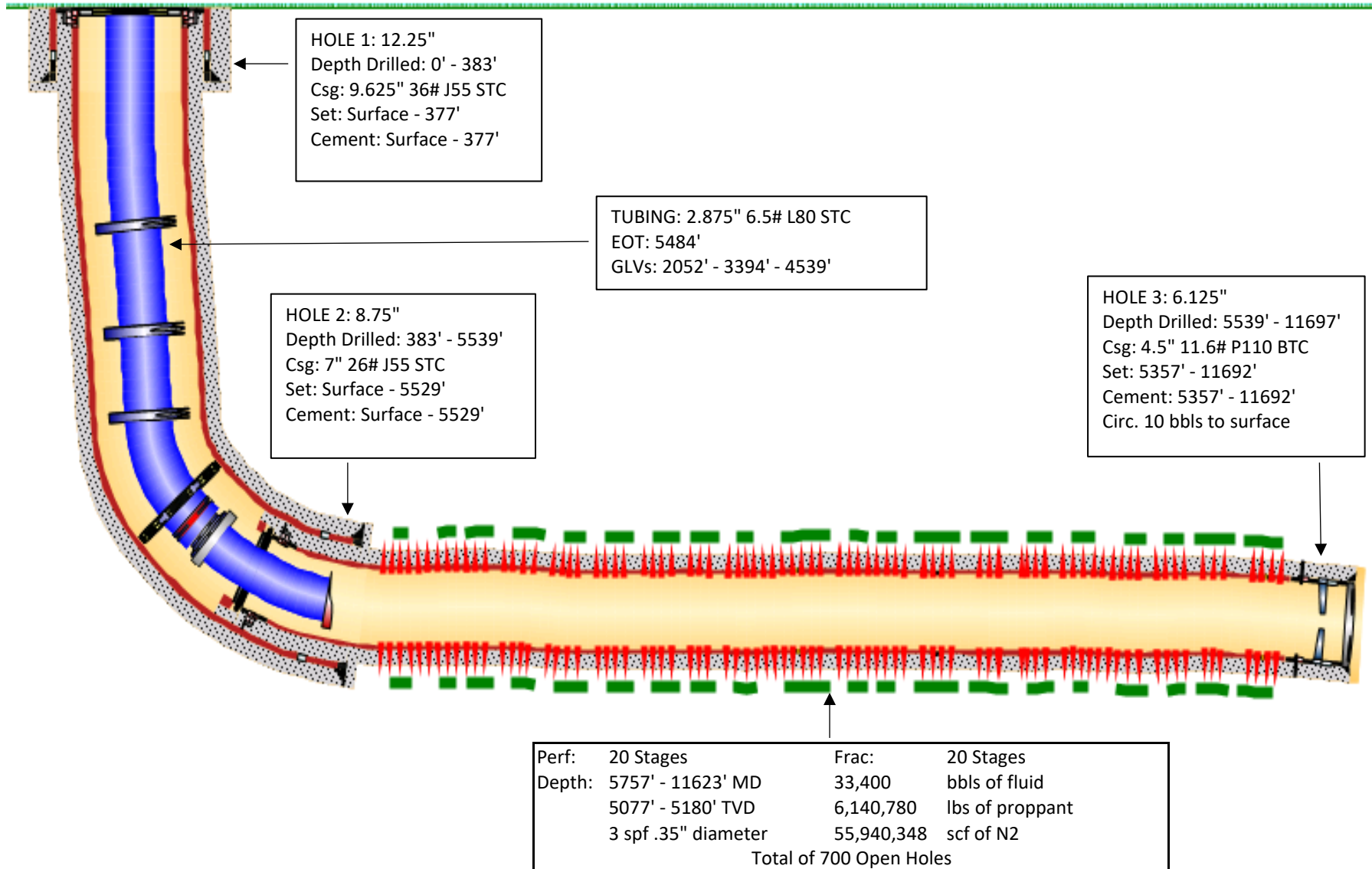
633H_As_Drilled_C102_WBD_20220722133903.pdf

NAGEEZI UNIT 633H

API: 30-045-38245
 SHL: SENE H-33-24N-09W
 1363' FNL x 562' FEL

Elevation: 6876' GL
 Spud Date: 10/21/2021
 Completed Date: 06/19/2022

FORMATION	MD	TVD
Ojo Alamo	661'	661'
Kirtland	815'	814'
Fruitland	1111'	1104'
Pictured Cliffs	1471'	1450'
Lewis	1572'	1547'
Chacra	2241'	2191'
Menefee	3021'	2939'
Point Lookout	4014'	3893'
Mancos	4196'	4068'
KOP~	4830'	4686'
Gallup	5067'	4881'
Target	5684'	5140'



(NAD83)	LAT.	LONG.
SHL:	36.274075	-107.787263
FTP:	36.270489	-107.788614
LTP:	36.258770	-107.774356
BHL:	36.258683	-107.774225

BHL: SWNE G-03-23N-09W
 1647' FNL x 2014' FEL

11,697'	TD
5,077'	TVD
11,678'	PBTD
11,657'	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 128803

ACKNOWLEDGMENTS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 128803
	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 128803

CONDITIONS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 128803
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

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