

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 30-045-38203	⁵ Pool Name Nageezi Unit; Mancos (Oil)		⁶ Pool Code 98080
⁷ Property Code 325268	⁸ Property Name Nageezi Unit		⁹ Well Number 622H

II. 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
B	02	23N	09W	2	57’	North	1485’	East	San Juan

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	01	23N	09W		359’	South	1392’	East	San Juan
¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date 09/28/22	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 01/26/22	²² Ready Date 08/25/22	²³ TD 12,606’ MD 4,831’ TVD	²⁴ PBTD 12,587’ MD 4,831’ TVD	²⁵ Perforations 5,561’-12,532’ MD 4,828’- 4,964’ TVD Frac Sleeve @ 12,561’	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
12.25	9.625” 36# J55	357’	109		
8.75	7” 26# J55	5,283’	584		
6.125	4.5” 11.6# P110	TOL: 5,033’ BOL: 12,601’	660		
	2.875” 6.5# L80 Tubing	5,227’			

V. Well Test Data

³¹ Date New Oil 09/04/22	³² Gas Delivery Date 09/28/22	³³ Test Date 09/07/22	³⁴ Test Length 24	³⁵ Tbg. Pressure 264	³⁶ Csg. Pressure 777
³⁷ Choke Size 46/64	³⁸ Oil 104	³⁹ Water 820	⁴⁰ Gas 1214		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>11/10/2022</i>
E-mail Address: sford@djrlc.com	
Date: 10/17/22	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 30-045-38203	² Pool Code 98080	³ Pool Name NAGEEZI UNIT MANCOS OIL POOL
⁴ Property Code 325268	⁵ Property Name NAGEEZI UNIT	⁶ Well Number 622H
⁷ GRID No. 371838	⁸ Operator Name DJR OPERATING, LLC	⁹ Elevation 6982'

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
B	2	23N	9W	2	57'	NORTH	1485'	EAST	SAN JUAN

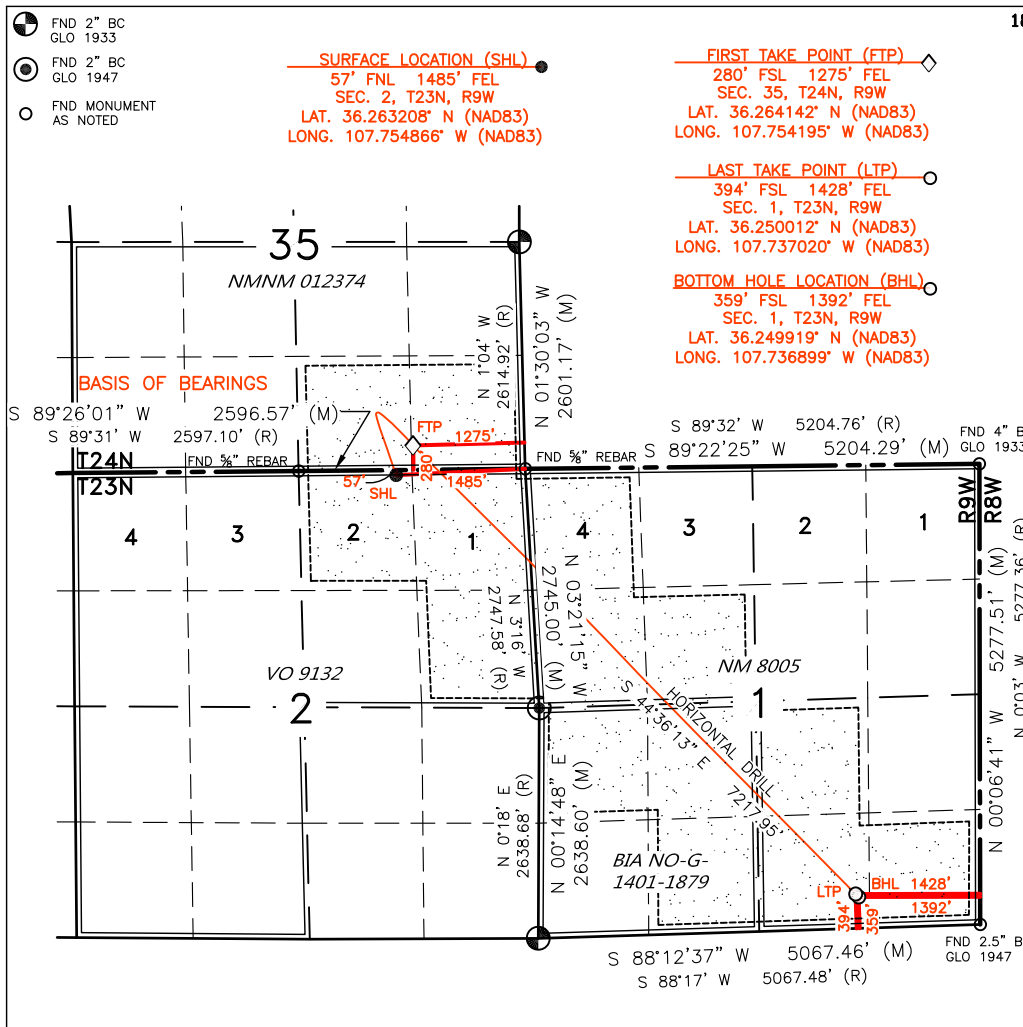
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	1	23N	9W		359'	SOUTH	1392'	EAST	SAN JUAN

¹² Dedicated Acres SEC 35: SW/SE & SE/SE (80 AC.); SEC 2: NW/NE, NE/NE & SE/NE (122.20 AC.); SEC 1: NW/NW, SW/NW, SE/NW, NW/SW, NE/SW, SE/SW, NW/SE, SW/SE & SE/SE (361.05 AC.) = 563.25 ACRES TOTAL	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. R-13856 R-13856A
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16



17 OPERATOR CERTIFICATION

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

Shaw-Marie Ford 06/07/22
Signature Date

Shaw-Marie Ford
Printed Name

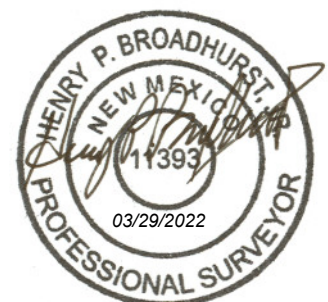
sford@djrlc.com
E-mail Address

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.

MARCH 28, 2022

Date of Survey
Signature and Seal of Professional Surveyor:



Certificate Number 11393



DJR

Nageezi Unit

B02 2309

622H

End of Well Report



www.scientificdrilling.com

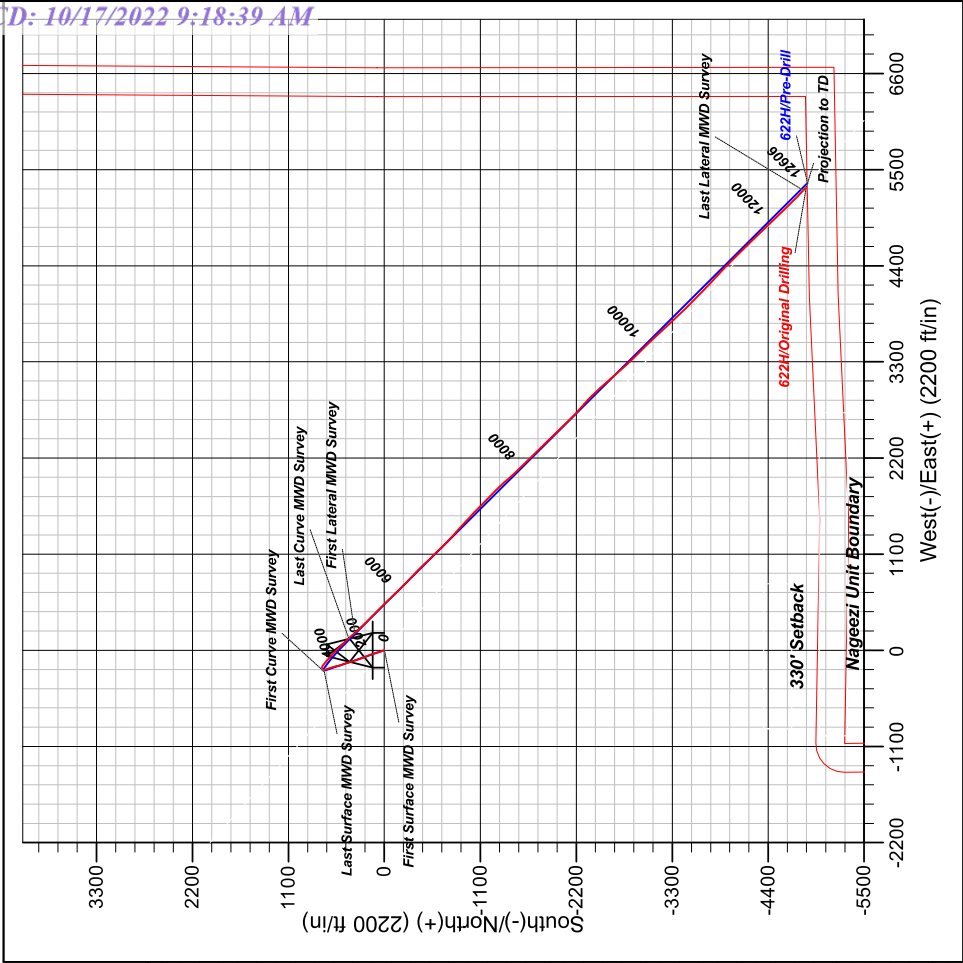
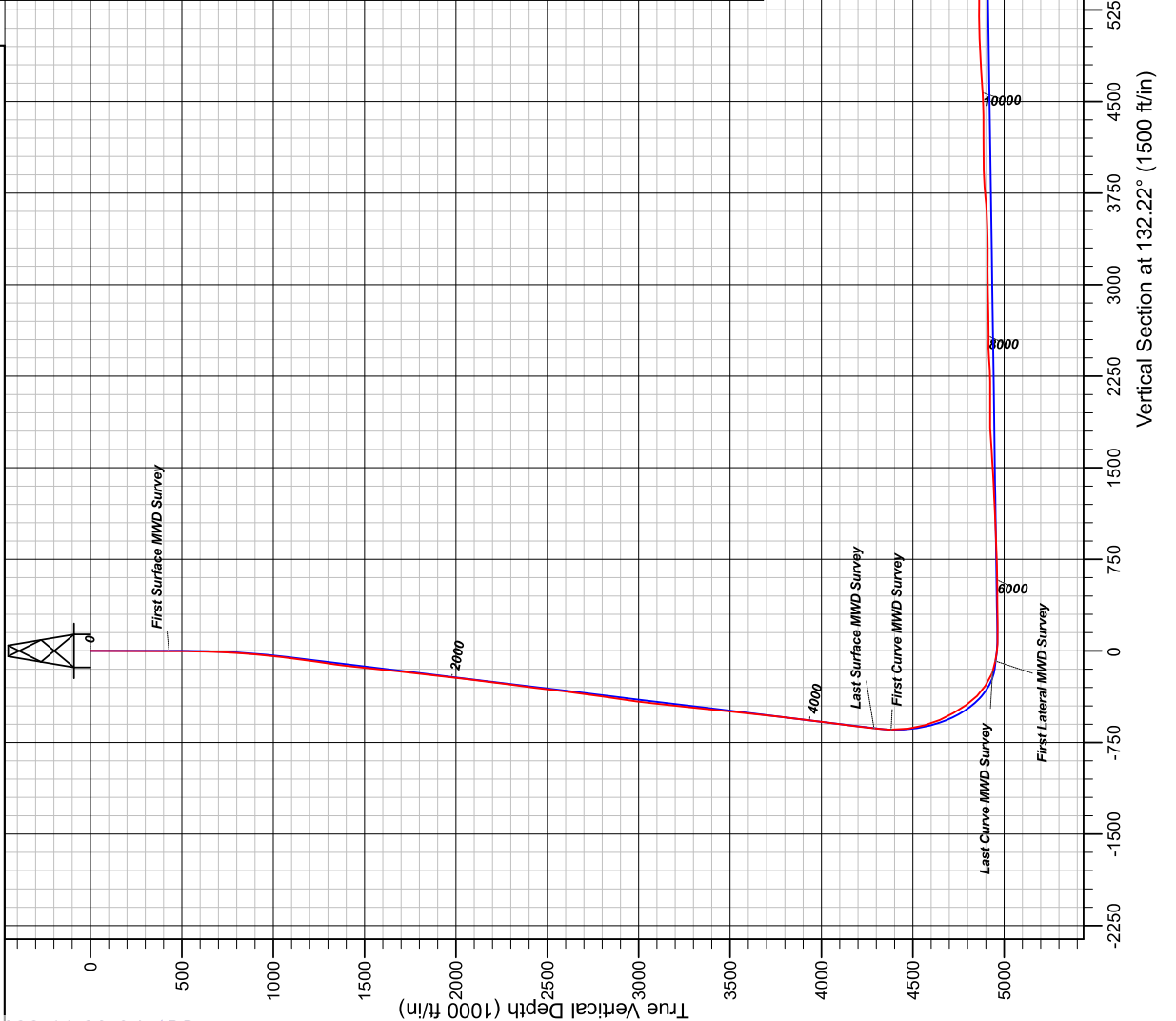




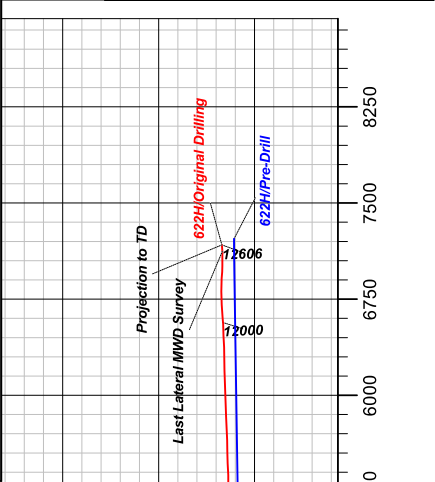
Company Name: DJR Operating
Project: Nageezi Unit
Site: B02 2309
Well: 622H
Wellbore: Original Drilling



WELL DETAILS: 622H				
GL 6982 & RKB 26' @ 7008ft (H&P 443) 6982				
+N/-S	+E/-W	Northing	Latitude	Longitude
0	0	1915115.90	36.26320800	-107.75486599
				4



Design: Original Drilling (622H/Original Drilling)	PROJECT DETAILS: Nageezi Unit
Created By: Janie Collins	Date: 10:59, March 07 2022
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

B02 2309

622H - Slot 4

Original Drilling

Design: Original Drilling

Standard Survey Report

07 March, 2022



www.scientificdrilling.com



Scientific Drilling Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well 622H - Slot 4
Project:	Nageezi Unit	TVD Reference:	GL 6982' & RKB 26' @ 7008ft (H&P 443)
Site:	B02 2309	MD Reference:	GL 6982' & RKB 26' @ 7008ft (H&P 443)
Well:	622H	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		B02 2309			
Site Position:		Northing:	1,915,079.49 usft	Latitude:	36.26310801
From:	Map	Easting:	2,746,207.76 usft	Longitude:	-107.75492101
Position Uncertainty:	0 ft	Slot Radius:	13.20 in	Grid Convergence:	0.05 °

Well	622H - Slot 4					
Well Position	+N/-S	0 ft	Northing:	1,915,115.90 usft	Latitude:	36.26320800
	+E/-W	0 ft	Easting:	2,746,223.95 usft	Longitude:	-107.75486599
Position Uncertainty		0 ft	Wellhead Elevation:	ft	Ground Level:	6982 ft

Wellbore	Original Drilling				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM2022	2/26/2022	8.60	62.73	49,188.00000000

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	132.22	

Survey Program	Date	3/1/2022			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
429	4362	Survey #1 - Surface MWD Survey (Original)	MWD+HDGM	OWSG MWD + HDGM	
4457	5241	Survey #2 - Curve MWD Survey (Original)	MWD+HDGM	OWSG MWD + HDGM	
5333	12,606	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	
429	0.78	261.05	429	0	-3	-2	0.18	0.18	0.00	
529	1.40	4.59	529	1	-3	-3	1.75	0.62	103.54	
621	3.23	350.74	621	4	-4	-6	2.07	1.99	-15.05	
712	4.24	342.09	712	10	-5	-11	1.27	1.11	-9.51	
803	5.97	349.37	802	18	-7	-17	2.03	1.90	8.00	
894	7.92	343.86	893	29	-10	-26	2.26	2.14	-6.05	
984	10.65	344.26	981	43	-14	-39	3.03	3.03	0.44	
1075	13.25	345.12	1071	61	-19	-55	2.86	2.86	0.95	



Scientific Drilling

Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well 622H - Slot 4
Project:	Nageezi Unit	TVD Reference:	GL 6982' & RKB 26' @ 7008ft (H&P 443)
Site:	B02 2309	MD Reference:	GL 6982' & RKB 26' @ 7008ft (H&P 443)
Well:	622H	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)
1166	13.61	343.75	1159	81	-24	-73	0.53	0.40	-1.51
1256	13.48	340.02	1247	101	-31	-91	0.98	-0.14	-4.14
1346	12.69	338.44	1334	120	-38	-109	0.96	-0.88	-1.76
1438	11.51	343.37	1424	138	-44	-126	1.70	-1.28	5.36
1530	9.89	338.60	1515	155	-50	-141	2.01	-1.76	-5.18
1620	9.67	343.04	1603	169	-55	-154	0.87	-0.24	4.93
1711	11.30	341.45	1693	185	-60	-169	1.82	1.79	-1.75
1801	9.45	333.49	1781	200	-66	-183	2.60	-2.06	-8.84
1893	9.88	333.85	1872	214	-73	-198	0.47	0.47	0.39
1988	10.47	336.83	1965	229	-80	-213	0.83	0.62	3.14
2083	12.46	341.26	2059	246	-87	-230	2.29	2.09	4.66
2176	12.68	337.94	2149	265	-94	-248	0.81	0.24	-3.57
2273	12.06	342.77	2244	285	-101	-266	1.24	-0.64	4.98
2368	11.54	338.18	2337	303	-107	-283	1.13	-0.55	-4.83
2463	12.01	341.81	2430	321	-114	-300	0.92	0.49	3.82
2558	11.87	338.81	2523	340	-120	-318	0.67	-0.15	-3.16
2653	13.81	347.15	2616	360	-127	-336	2.82	2.04	8.78
2748	13.20	344.38	2708	382	-132	-354	0.94	-0.64	-2.92
2843	13.84	343.64	2800	403	-138	-373	0.70	0.67	-0.78
2938	14.05	343.61	2893	425	-145	-393	0.22	0.22	-0.03
3033	12.38	340.33	2985	446	-151	-411	1.93	-1.76	-3.45
3128	10.98	340.04	3078	464	-158	-428	1.47	-1.47	-0.31
3223	10.20	337.21	3171	480	-164	-444	0.99	-0.82	-2.98
3318	10.64	345.58	3265	496	-170	-459	1.66	0.46	8.81
3413	9.78	343.74	3358	512	-174	-473	0.97	-0.91	-1.94
3508	11.28	349.29	3452	529	-178	-487	1.90	1.58	5.84
3603	10.29	346.38	3545	547	-182	-502	1.19	-1.04	-3.06
3697	11.86	346.65	3637	564	-186	-517	1.67	1.67	0.29
3792	10.88	345.79	3730	582	-190	-532	1.05	-1.03	-0.91
3887	11.89	342.53	3824	600	-195	-548	1.26	1.06	-3.43
3982	11.67	340.41	3917	619	-202	-565	0.51	-0.23	-2.23
4077	12.06	342.56	4010	637	-208	-582	0.62	0.41	2.26
4172	10.95	337.03	4103	655	-214	-599	1.65	-1.17	-5.82
4267	12.42	338.83	4196	673	-222	-616	1.59	1.55	1.89
4362	11.19	340.64	4289	691	-228	-634	1.35	-1.29	1.91
4457	13.88	36.03	4382	709	-225	-643	12.44	2.83	58.31
4552	14.19	94.46	4474	718	-206	-635	14.31	0.33	61.51
4647	22.02	122.00	4565	707	-179	-608	12.00	8.24	28.99
4742	33.19	130.14	4649	681	-144	-564	12.39	11.76	8.57
4836	41.10	130.81	4724	644	-101	-508	8.43	8.41	0.71
4931	46.52	133.80	4792	600	-53	-442	6.11	5.71	3.15
5026	56.49	133.62	4851	548	1	-368	10.50	10.49	-0.19
5121	64.85	135.73	4898	490	60	-285	9.01	8.80	2.22



Scientific Drilling Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well 622H - Slot 4
Project:	Nageezi Unit	TVD Reference:	GL 6982' & RKB 26' @ 7008ft (H&P 443)
Site:	B02 2309	MD Reference:	GL 6982' & RKB 26' @ 7008ft (H&P 443)
Well:	622H	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)	
5216	74.56	137.41	4931	426	121	-196	10.35	10.22	1.77	
5241	78.31	137.76	4937	408	137	-172	15.06	15.00	1.40	
5333	82.94	138.84	4952	340	198	-82	5.16	5.03	1.17	
5364	82.69	138.21	4955	317	218	-51	2.17	-0.81	-2.03	
5395	84.83	137.95	4959	294	239	-21	6.95	6.90	-0.84	
5459	87.64	136.34	4963	247	282	43	5.06	4.39	-2.52	
5553	90.13	134.70	4965	180	348	137	3.17	2.65	-1.74	
5647	90.47	134.43	4964	114	415	231	0.46	0.36	-0.29	
5741	91.18	134.79	4963	48	482	325	0.85	0.76	0.38	
5835	89.60	136.35	4962	-19	548	418	2.36	-1.68	1.66	
5929	90.07	136.32	4963	-87	613	512	0.50	0.50	-0.03	
6023	90.70	136.14	4962	-155	678	606	0.70	0.67	-0.19	
6118	91.14	134.65	4960	-223	744	701	1.64	0.46	-1.57	
6212	91.78	133.60	4958	-288	812	795	1.31	0.68	-1.12	
6307	90.84	134.38	4956	-354	880	890	1.29	-0.99	0.82	
6401	91.01	135.10	4954	-420	947	983	0.79	0.18	0.77	
6495	92.59	135.47	4951	-487	1013	1077	1.73	1.68	0.39	
6590	91.61	136.07	4948	-555	1079	1172	1.21	-1.03	0.63	
6684	91.41	135.29	4945	-622	1145	1266	0.86	-0.21	-0.83	
6779	91.98	135.08	4943	-690	1212	1361	0.64	0.60	-0.22	
6873	92.18	133.49	4939	-755	1279	1455	1.70	0.21	-1.69	
6967	92.85	132.35	4935	-819	1348	1548	1.41	0.71	-1.21	
7060	91.88	132.87	4931	-882	1416	1641	1.18	-1.04	0.56	
7154	92.79	131.99	4927	-945	1485	1735	1.35	0.97	-0.94	
7248	91.68	133.29	4924	-1009	1555	1829	1.82	-1.18	1.38	
7342	89.30	135.21	4923	-1075	1622	1923	3.25	-2.53	2.04	
7436	89.87	134.39	4924	-1141	1689	2017	1.06	0.61	-0.87	
7530	90.64	133.58	4923	-1206	1756	2111	1.19	0.82	-0.86	
7624	89.60	134.33	4923	-1271	1824	2205	1.36	-1.11	0.80	
7717	92.59	137.89	4921	-1338	1888	2298	5.00	3.22	3.83	
7811	92.65	139.73	4917	-1409	1950	2391	1.96	0.06	1.96	
7903	90.30	137.92	4915	-1478	2011	2482	3.22	-2.55	-1.97	
7993	90.20	136.41	4914	-1544	2072	2572	1.68	-0.11	-1.68	
8083	89.63	134.75	4914	-1608	2135	2662	1.95	-0.63	-1.84	
8175	89.87	134.11	4915	-1673	2201	2754	0.74	0.26	-0.70	
8266	92.01	135.22	4913	-1737	2265	2845	2.65	2.35	1.22	
8356	91.24	136.92	4911	-1802	2328	2934	2.07	-0.86	1.89	
8446	89.53	137.16	4910	-1867	2389	3024	1.92	-1.90	0.27	
8538	89.46	136.24	4911	-1934	2452	3116	1.00	-0.08	-1.00	
8629	90.54	135.97	4911	-2000	2515	3207	1.22	1.19	-0.30	
8720	90.47	135.18	4910	-2065	2579	3297	0.87	-0.08	-0.87	
8811	91.01	134.42	4909	-2129	2643	3388	1.02	0.59	-0.84	
8901	91.21	133.98	4907	-2192	2708	3478	0.54	0.22	-0.49	



Scientific Drilling

Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well 622H - Slot 4
Project:	Nageezi Unit	TVD Reference:	GL 6982' & RKB 26' @ 7008ft (H&P 443)
Site:	B02 2309	MD Reference:	GL 6982' & RKB 26' @ 7008ft (H&P 443)
Well:	622H	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)
8992	90.97	131.32	4905	-2253	2775	3569	2.93	-0.26	-2.92
9022	92.15	131.27	4905	-2273	2797	3599	3.94	3.93	-0.17
9083	93.36	132.42	4902	-2314	2843	3660	2.74	1.98	1.89
9173	93.63	135.61	4896	-2376	2907	3750	3.55	0.30	3.54
9264	92.29	137.03	4891	-2442	2970	3841	2.14	-1.47	1.56
9355	92.25	138.31	4888	-2509	3031	3931	1.41	-0.04	1.41
9446	89.80	138.70	4886	-2577	3092	4022	2.73	-2.69	0.43
9538	89.50	138.93	4887	-2647	3152	4113	0.41	-0.33	0.25
9629	90.07	138.49	4887	-2715	3212	4203	0.79	0.63	-0.48
9720	90.13	136.77	4887	-2782	3274	4294	1.89	0.07	-1.89
9811	90.37	136.52	4887	-2848	3336	4385	0.38	0.26	-0.27
9901	91.11	135.08	4885	-2913	3399	4474	1.80	0.82	-1.60
9992	92.15	135.73	4883	-2978	3463	4565	1.35	1.14	0.71
10,082	93.53	136.05	4878	-3042	3525	4655	1.57	1.53	0.36
10,173	91.78	138.07	4874	-3109	3587	4746	2.94	-1.92	2.22
10,265	91.38	137.01	4872	-3177	3649	4837	1.23	-0.43	-1.15
10,355	93.12	136.76	4868	-3242	3711	4927	1.95	1.93	-0.28
10,445	90.17	136.50	4866	-3308	3772	5016	3.29	-3.28	-0.29
10,536	91.78	136.94	4864	-3374	3835	5107	1.83	1.77	0.48
10,626	89.80	135.75	4863	-3439	3897	5197	2.57	-2.20	-1.32
10,717	89.06	134.40	4864	-3503	3961	5288	1.69	-0.81	-1.48
10,808	91.07	134.42	4864	-3567	4026	5379	2.21	2.21	0.02
10,899	92.55	134.17	4861	-3631	4091	5470	1.65	1.63	-0.27
10,989	90.60	134.84	4858	-3694	4155	5559	2.29	-2.17	0.74
11,079	90.64	133.15	4857	-3756	4220	5649	1.88	0.04	-1.88
11,170	92.55	131.99	4855	-3818	4287	5740	2.46	2.10	-1.27
11,262	91.38	133.43	4852	-3880	4355	5832	2.02	-1.27	1.57
11,352	90.27	136.15	4850	-3943	4419	5922	3.26	-1.23	3.02
11,443	92.05	134.09	4848	-4008	4483	6013	2.99	1.96	-2.26
11,533	91.17	136.27	4846	-4072	4546	6103	2.61	-0.98	2.42
11,623	91.54	135.46	4844	-4136	4609	6193	0.99	0.41	-0.90
11,714	89.87	136.13	4843	-4202	4672	6283	1.98	-1.84	0.74
11,806	91.85	135.50	4841	-4267	4736	6375	2.26	2.15	-0.68
11,897	91.28	136.03	4839	-4333	4800	6466	0.86	-0.63	0.58
11,987	92.28	135.84	4836	-4397	4862	6556	1.13	1.11	-0.21
12,079	93.02	137.26	4832	-4464	4926	6647	1.74	0.80	1.54
12,169	90.87	135.97	4829	-4529	4987	6737	2.79	-2.39	-1.43
12,259	90.44	135.38	4828	-4594	5050	6827	0.81	-0.48	-0.66
12,350	87.38	135.42	4829	-4659	5114	6918	3.36	-3.36	0.04
12,441	88.99	134.57	4832	-4723	5178	7009	2.00	1.77	-0.93
12,532	90.77	133.56	4832	-4786	5244	7100	2.25	1.96	-1.11
12,557	91.38	133.57	4832	-4803	5262	7125	2.44	2.44	0.04
12,606	91.38	133.57	4831	-4837	5297	7174	0.00	0.00	0.00



Scientific Drilling

Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well 622H - Slot 4
Project:	Nageezi Unit	TVD Reference:	GL 6982' & RKB 26' @ 7008ft (H&P 443)
Site:	B02 2309	MD Reference:	GL 6982' & RKB 26' @ 7008ft (H&P 443)
Well:	622H	North Reference:	True
Wellbore:	Original Drilling	Survey Calculation Method:	Minimum Curvature
Design:	Original Drilling	Database:	Grand Junction

Design Targets

Target Name

- hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (usft)	Easting (usft)	Latitude	Longitude
622H Toe Rev 1 - actual wellpath misses target center by 81ft at 12606ft MD (4831 TVD, -4837 N, 5297 E) - Circle (radius 100)	0.00	0.00	4893	-4853	5347	1,910,267.65	2,751,575.22	36.24987620	-107.73673030
622H 85° Casing - actual wellpath misses target center by 14ft at 5272ft MD (4942 TVD, 385 N, 158 E) - Point	0.00	0.00	4948	378	148	1,915,493.63	2,746,371.40	36.26424532	-107.75436478
622H Heel Rev 1 - actual wellpath misses target center by 2ft at 5506ft MD (4964 TVD, 214 N, 315 E) - Circle (radius 50)	0.00	0.00	4963	215	316	1,915,330.90	2,746,539.62	36.26379790	-107.75379460

Design Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
429	429	0	-3	First Surface MWD Survey
4362	4289	691	-228	Last Surface MWD Survey
4457	4382	709	-225	First Curve MWD Survey
5241	4937	408	137	Last Curve MWD Survey
5333	4952	340	198	First Lateral MWD Survey
12,557	4832	-4803	5262	Last Lateral MWD Survey
12,606	4831	-4837	5297	Projection to TD

Checked By: _____ Approved By: _____ Date: _____

**Directional Survey Certification**

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

Operator	DJR Energy
Well Name & No.	Nageezi B02 2309 622H
County & State	San Juan, NM
SDI Job No.	OP.032795
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 429 feet to a measured depth of 12,606 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

9-Mar-22

Date

Janie Collins

Contract Well Planner
Scientific Drilling International

Well Name: NAGEEZI UNIT	Well Location: T23N / R9W / SEC 2 / NWNE / 36.263208 / -107.754866	County or Parish/State: SAN JUAN / NM
Well Number: 622H	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: 3004538203	Well Status: Drilling Well	Operator: DJR OPERATING LLC

Subsequent Report

Sundry ID: 2691265

Type of Submission: Subsequent Report

Type of Action: Hydraulic Fracturing

Date Sundry Submitted: 09/08/2022

Time Sundry Submitted: 08:16

Date Operation Actually Began: 08/09/2022

Actual Procedure: Completion Sundry 8/1/22: PT 4.5" x 7" casing: 2k (10min) pressure up to 7500 (15min). NU 10k lower master. PT void & seals 5k. Install 2-way check PT L400 H9600 (10min). All tests good & recorded on chart. 8/9 to 8/13/22: Perf, Plug & Frac 35 stages: 3 spf, .35" diameter from 5561' – 12532' MD (4828' – 4964' TVD). Total of 1225 open holes. As pumped: 43,071 bbls fluid. 6,496,920 lbs of proppant. 60,117,561 scf of N2. RD frac & WL. 8/23/22: MIRU AWS 812. NU BOPE. Full function PT L400 H5000 (30min). All tests good & recorded on chart. TIH. Drill out plugs. TOH. 8/25/22: Change over to tubing tools. PT L500 H2500 (15min) test good & recorded on chart. RIH with production string. Land 159 jts of 2.875" 6.5# L80 STC tubing. EOT: 5227'. Five GLVs set at 1922' – 2676' – 3300' – 3924' – 4581'. TOH. ND BOPE. NU production tree & PT L500 H5000 (30min). Test good & recorded on chart. Turn well over to production. Rig AWS 812 released on 08/26/22.

Well Name: NAGEEZI UNIT	Well Location: T23N / R9W / SEC 2 / NWNE / 36.263208 / -107.754866	County or Parish/State: SAN JUAN / NM
Well Number: 622H	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: 3004538203	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 08, 2022 08:16 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: 09/19/2022
Signature: Kenneth Rennick	



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

Well Completion Print

10/03/2022

Operator Name DJR OPERATING LLC	Well Name NAGEEZI UNIT	Well Number 622H	US Well Number 3004538203
SHL Lot 2 Sec 2 23N 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 305H, 306H, 307H, 622H	ID 10400055478

Section 1 - General

Well Completion Report Id:	Submission Date: 09-30-2022	
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 HZ OIL	Field Name: NAGEEZI UNIT HZ OIL
Well Type: OIL WELL		
Spud Date: 01-26-2022		
Date Total Measured Depth Reached: 03-01-2022		
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	880	881	USEABLE WATER	
KIRTLAND	SHALE		-959	959	963	NONE	

Operator Name DJR OPERATING LLC	Well Name NAGEEZI UNIT	Well Number 622H	US Well Number 3004538203
SHL Lot 2 Sec 2 23N 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 305H, 306H, 307H, 622H	ID 10400055478

Section 3 - Geologic

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral
FRUITLAND	COAL		-1271	1271	1280	NATURAL GAS	
PICTURED CLIFFS	SANDSTONE		-1613	1613	1627	USEABLE WATER	
LEWIS	SHALE		-1708	1708	1724	NONE	
CHACRA	SANDSTONE		-2397	2397	2424	NONE	
MENEFEE	COAL, SANDSTONE		-3109	3109	3147	NATURAL GAS	
POINT LOOKOUT	SANDSTONE		-4083	4083	4137	NONE	
MANCOS	SHALE		-4251	4251	4308	NONE	
MANCOS	SILTSTONE		-4575	4964	5393	NATURAL GAS, OIL	

Completion and Completed

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	08-25-2022	09-04-2022	MANCOS	5561	12532	Y	.35	1225	OPEN

Operator Name DJR OPERATING LLC	Well Name NAGEEZI UNIT	Well Number 622H	US Well Number 3004538203
SHL Lot 2 Sec 2 23N 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 305H, 306H, 307H, 622H	ID 10400055478

Treatment Data

Wellbore Code	Completion Code	Interval Number	Interval Treated?	Treatment Type	Tottle Fluid (bbls)	Total Proppant (lbs)	Treatment Remarks
00	S1	1	Y	FRAC	43071	6496920	Chemical Disclosure uploaded to FracFocus on 08/16/22

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	

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	09/07/2022	24	104	1214	820	11673	46/64	264		777

Operator Name DJR OPERATING LLC	Well Name NAGEEZI UNIT	Well Number 622H	US Well Number 3004538203
SHL Lot 2 Sec 2 23N 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 305H, 306H, 307H, 622H	ID 10400055478

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	36.263208	-107.754866	6982	STATE	STATE				57	FNL	1485	FEL	23N	9W	2	Lot 2
KOP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.263208	-107.754866	6625	STATE	STATE				57	FNL	1485	FEL	23N	9W	2	Lot 2
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.255999	-107.744308	2151	INDIAN	N0G14011879				2637	FSL	1457	FWL	23N	9W	1	NESW
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.260452	-107.749635	2151	FEDERAL	NMNM8005				1076	FNL	1	FWL	23N	9W	1	NWNW
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.264142	-107.754195	2154	FEDERAL	NMNM12374				280	FSL	1275	FEL	24N	9W	35	SESE
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.263379	-107.753272	2151	STATE	STATE				1	FNL	1010	FEL	23N	9W	2	NENE
EXIT Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.250012	-107.73702	2151	FEDERAL	NMNM8005				394	FSL	1428	FEL	23N	9W	1	SWSE
BHL Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.249919	-107.736899	2151	FEDERAL	NMNM8005	4831	12601		359	FSL	1392	FEL	23N	9W	1	SWSE

Operator Name DJR OPERATING LLC	Well Name NAGEEZI UNIT	Well Number 622H	US Well Number 3004538203
SHL Lot 2 Sec 2 23N 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 305H, 306H, 307H, 622H	ID 10400055478

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	357	9.625	36	K-55		ST&C		
00	INTERMEDIATE	8.75	0	5283	7.0	26	K-55		LT&C		
00	LINER	6.125	5033	12601	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	480	2.34	0	G	104	1.47	4329	227.3
00	LINER		G	660	1.52	5033					178.7

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
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Operator Name DJR OPERATING LLC	Well Name NAGEEZI UNIT	Well Number 622H	US Well Number 3004538203
SHL Lot 2 Sec 2 23N 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 305H, 306H, 307H, 622H	ID 10400055478

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		5227	5055	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 622H	US Well Number 3004538203
SHL Lot 2 Sec 2 23N 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 305H, 306H, 307H, 622H	ID 10400055478

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: 09/30/2022

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

622H_Certified_DD_Survey_20220930124007.pdf

622H_C102_AsDrilled_WBD_20220930124024.pdf

**NAGEEZI UNIT 622H**

API: 30-045-38203

SHL: NWNE B-02-23N-09W Lot 2

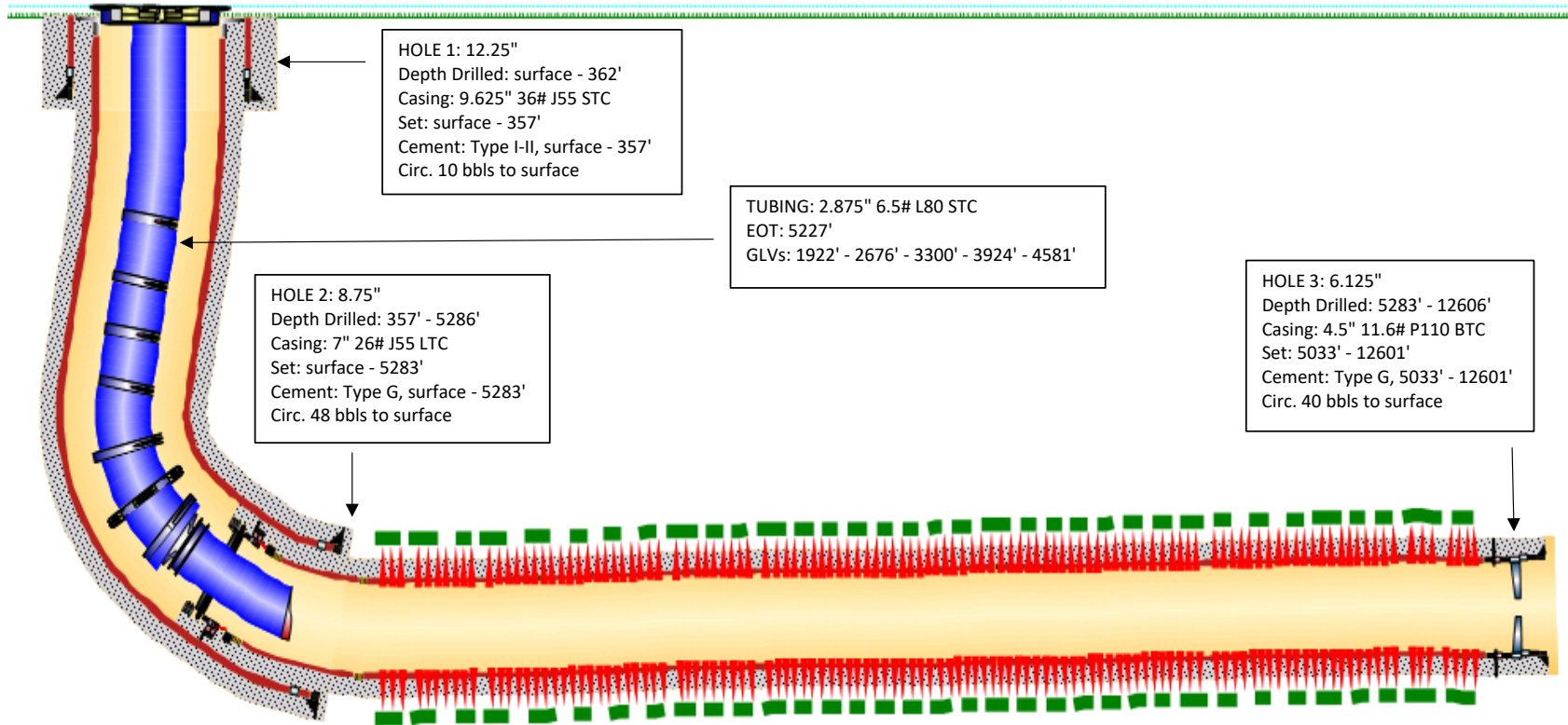
57' FNL x 1485' FEL

Elevation: 6982' GL

Spud Date: 01/26/2022

Completed Date: 08/25/2022

FORMATION	MD	TVD
Ojo Alamo	881'	880'
Kirtland	963'	959'
Fruitland	1280'	1271'
Pictured Cliffs	1627'	1613'
Lewis	1724'	1708'
Chacra	2424'	2397'
Menefee	3147'	3109'
Point Lookout	4137'	4083'
Mancos	4308'	4251'
KOP~	4369'	4295'
Gallup	NP	NP
Target	5393'	4964'



Perf:	35 Stages	Frac:	35 Stages
Depth:	5561' - 12532' MD		43,071 bbls of fluid
	4828' - 4964' TVD		6,496,920 lbs of proppant
			60,117,561 scf of N2
Total of 1225 Open Holes			

(NAD83)	LAT.	LONG.
SHL:	36.263208	-107.754866
FTP:	36.264142	-107.754195
LTP:	36.250012	-107.737020
BHL:	36.249919	-107.736899

BHL: SWSE O-01-23N-09W
359' FSL x 1392' FEL

12,606'	TD
4,831'	TVD
12,587'	PBTD
12,561'	FracSleeve

created by sford on 09/08/22

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 151146

ACKNOWLEDGMENTS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 151146
	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 151146

CONDITIONS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 151146
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	11/10/2022