

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 RT	
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. B	Section 02	Township 23N	Range 09W	Lot Idn 2	Feet from the 57'	North/South Line North	Feet from the 1485'	East/West line East	County San Juan
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¹¹ Bottom Hole Location

UL or lot no. O	Section 01	Township 23N	Range 09W	Lot Idn	Feet from the 359'	North/South line South	Feet from the 1392'	East/West line East	County San Juan
¹² Lse Code F	¹³ Producing Method Code F		¹⁴ Gas Connection Date TBD		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
	~Gas will be flared during flowback & until N2 & O2 is cleaned from the wellbore~	

IV. Well Completion Data

²¹ Spud Date 01/26/22	²² Ready Date 08/01/22	²³ TD 12,606' MD 4,831' TVD	²⁴ PBTD 12,587' MD 4,831' TVD	²⁵ Perforations 5,494'-12,532' MD 4,962'- 4,832' 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

V. Well Test Data

³¹ Date New Oil	³² Gas Delivery Date	³³ Test Date	³⁴ Test Length	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
³⁷ Choke Size	³⁸ Oil	³⁹ Water	⁴⁰ Gas		⁴¹ Test Method

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>[Signature]</i>	
Printed name: Shaw-Marie Ford		Title: Petroleum Engineer	
Title: Regulatory Specialist		Approval Date: 08/19/22	
E-mail Address: sford@djrlc.com		COA: RT expires on 11/30/22	
Date: 06/07/22	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: (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 OGRID 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

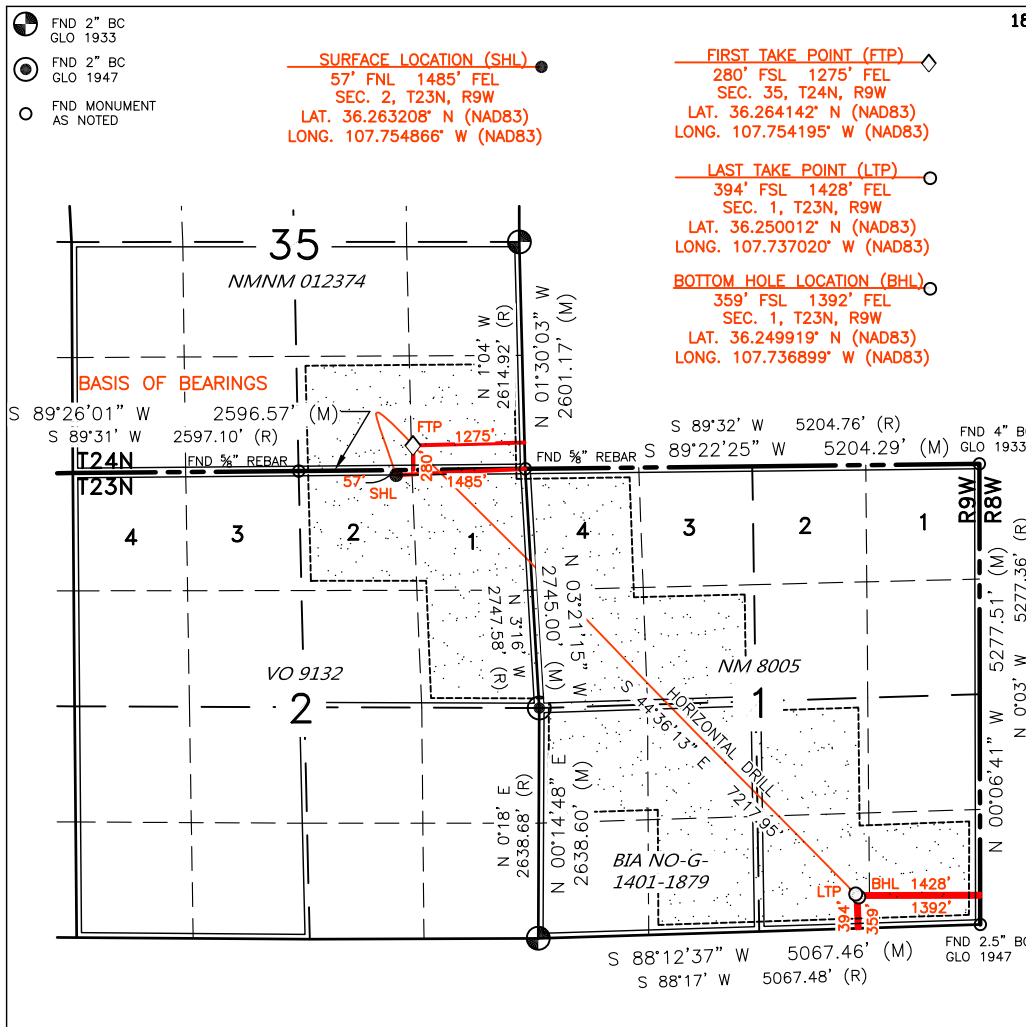
¹¹ Bottom Hole Location If Different From Surface

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

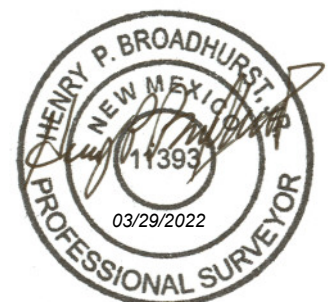
sford@djrlc.com
E-mail Address

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



Scientific Drilling

www.scientificdrilling.com



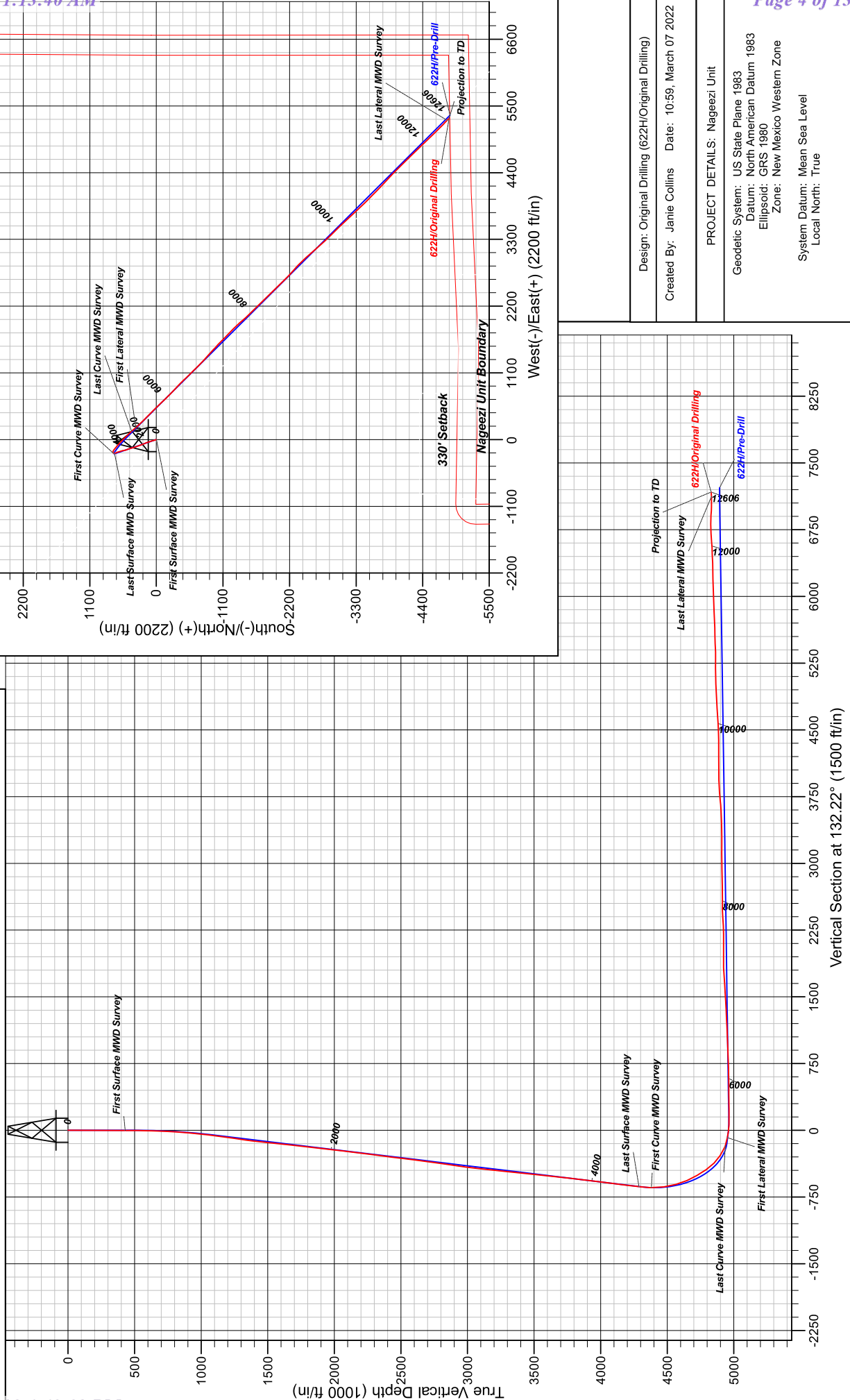


Company Name: DJR Operating
Project: Nageezi Unit
Site: B02 2309
Well: 622H
Wellbore: Original Drilling



WELL DETAILS: 622H

GL 6982 & RKB 26' @ 7008ft (H&P 443) 6982			
+N/-S	+E/-W	Northing	Longitude
0	0	1915115.90	-107.75486599
Easting			
2746223.95			
Latitude			
36.26320800			
Wellbore: Original Drilling			
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

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 114474

ACKNOWLEDGMENTS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 114474
	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.

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CONDITIONS

Action 114474

CONDITIONS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
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CONDITIONS

Created By	Condition	Condition Date
Ilowe	RT C-104 expires on 10/30/22	8/19/2022