

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 30-045-38201	⁵ Pool Name Nageezi Unit; Mancos (Oil)		⁶ Pool Code 98080
⁷ Property Code 325268	⁸ Property Name Nageezi Unit		⁹ Well Number 305H

II. ¹⁰ Surface Location

Ul or lot no. B	Section 02	Township 23N	Range 09W	Lot Idn 2	Feet from the 93'	North/South Line North	Feet from the 1503'	East/West line East	County San Juan
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¹¹ Bottom Hole Location

UL or lot no. K	Section 27	Township 24N	Range 09W	Lot Idn	Feet from the 1411'	North/South line South	Feet from the 1912'	East/West line West	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

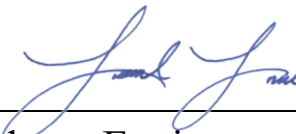
¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
248440	Western Refining Company, LP 6500 Townbridge Drive, El Paso, TX 79905	O
151618	Enterprise Field Services, LLC Post Office Box 4503, Houston, TX 77001	G
	~Gas will be flared during flowback & until N2 & O2 is cleaned from the wellbore~	

IV. Well Completion Data

²¹ Spud Date 01/24/22	²² Ready Date 08/01/22	²³ TD 15,240' MD 5,394' TVD	²⁴ PBTD 15,221' MD 5,394' TVD	²⁵ Perforations 7,400'-14,400' MD 5,324'- 5,390' TVD Frac Sleeve @ 15,200'	²⁶ DHC, MC	
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set		³⁰ Sacks Cement
12.25		9.625" 36# J55		356'		109
8.75		7" 26# J55		5,663'		614
6.125		4.5" 11.6# P110		TOL: 5,349' BOL: 15,237'		859

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: 	
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 10/30/22	
Date: 06/07/22	Phone: 505-716-3297		

DISTRICT I

1625 N. French Dr., Hobbs, N.M. 88240
Phone: (575) 393-6161 Fax: (575) 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 30-045-38201	² Pool Code 98080	³ Pool Name NAGEEZI UNIT MANCOS OIL POOL
⁴ Property Code 325268	⁵ Property Name NAGEEZI UNIT	⁶ Well Number 305H
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	93'	NORTH	1503'	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
K	27	24N	9W		1411'	SOUTH	1912'	WEST	SAN JUAN

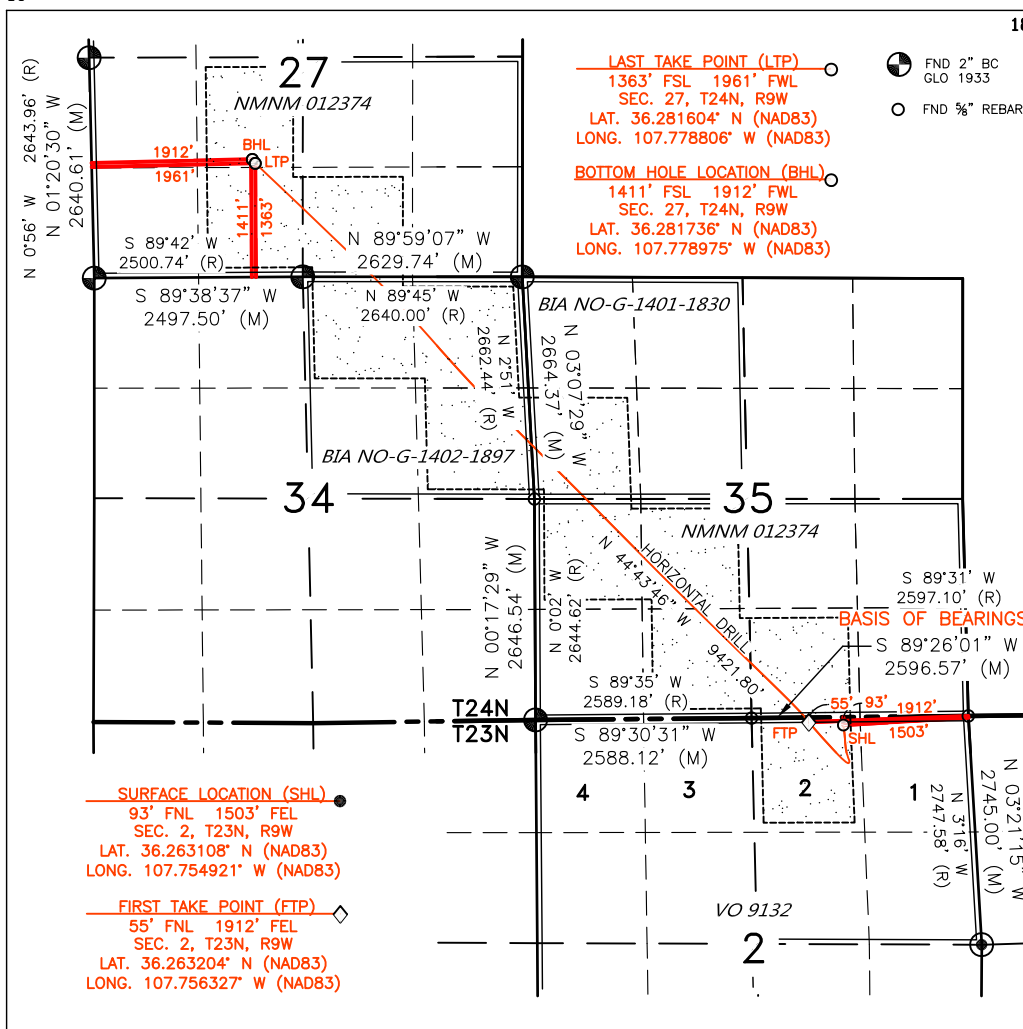
¹² Dedicated Acres
SEC 2: NW/NE (41.05 AC.); SEC 35: SW/SE, SE/SW, NE/SW, NW/SW & SW/NW (200 AC.); SEC 34: SE/NE, NE/NE & NW/NE (120 AC.); SEC 27: SW/SE, SE/SW & NE/SW (120 AC.) = 481.05 ACRES TOTAL

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

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

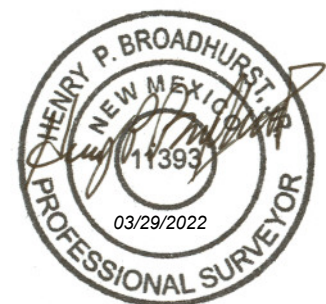
sford@djrlc.com
E-mail Address

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 25, 2022

Date of Survey
Signature and Seal of Professional Surveyor:



Certificate Number 11393



DJR

Nageezi Unit

B02 2309

305H

End of Well Report



www.scientificdrilling.com





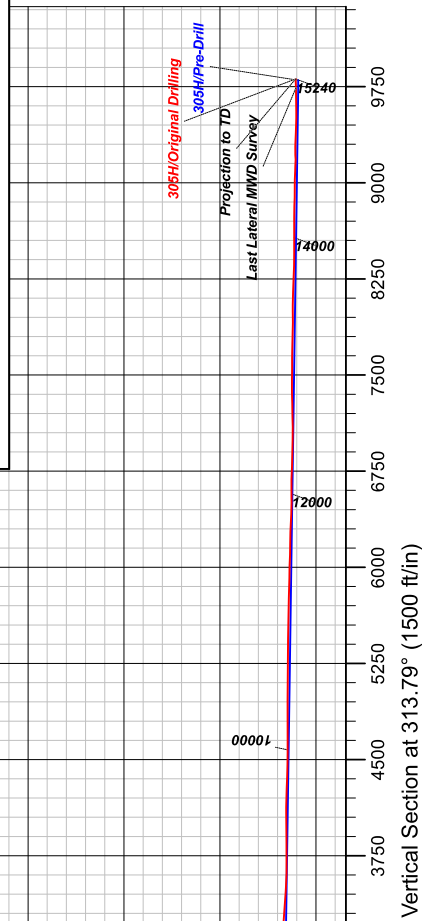
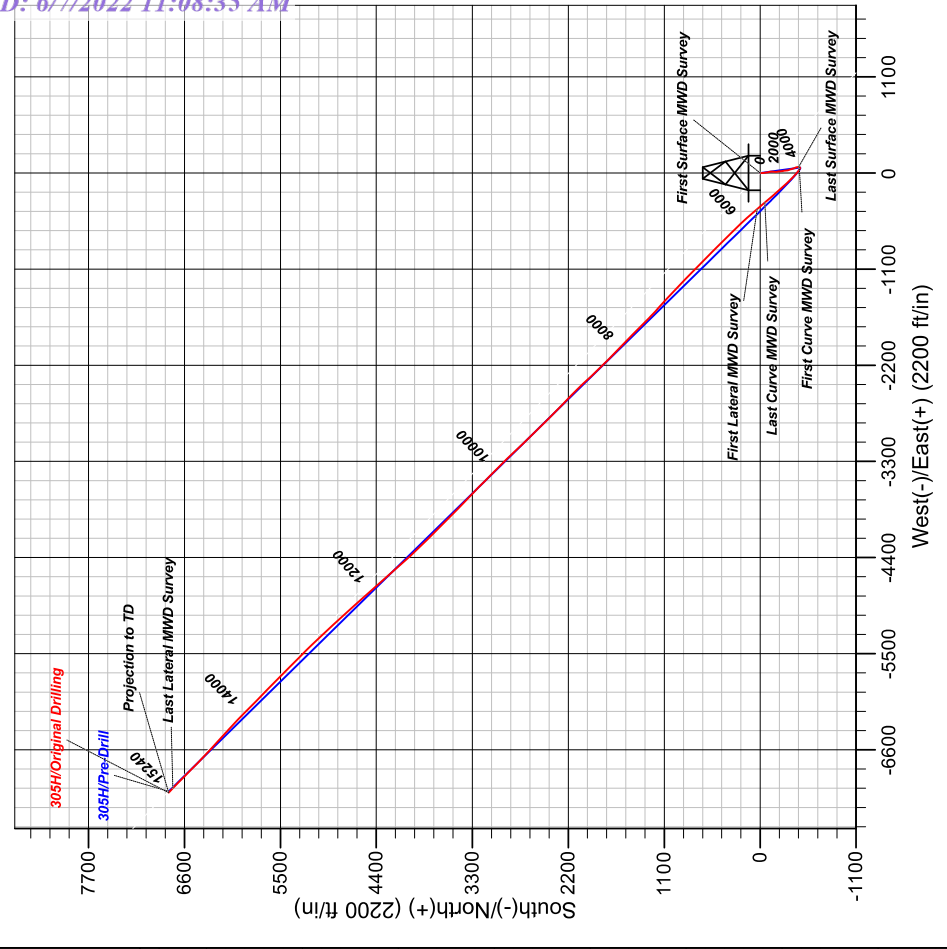
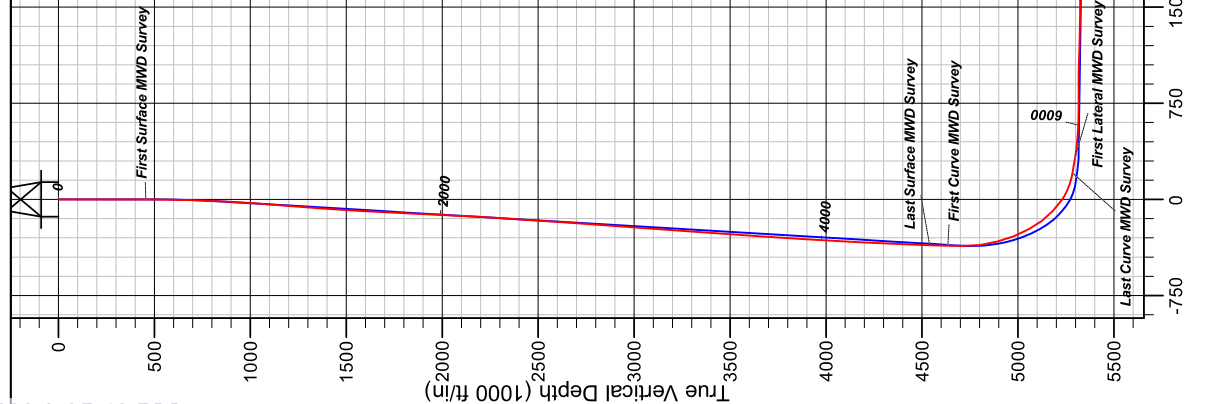
Company Name: DJR Operating
Project: Nageezi Unit
Site: B02 2309
Well: 305H
Wellbore: Original Drilling



WELL DETAILS: 305H

GL 6982 & RKB 26' @ 7008ft (H&P 443) 6982			
+N/-S	+E/-W	Northing	Longitude
0	0	1915079.49	-107.75492100
Easting 2746207.76			

2



Design: Original Drilling (305H/Original Drilling)

Created By: Janie Collins Date: 12:16, March 11 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

B02 2309

305H - Slot 2

Original Drilling

Design: Original Drilling

Standard Survey Report

11 March, 2022



www.scientificdrilling.com



Scientific Drilling Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well 305H - Slot 2
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:	305H	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		305H - Slot 2				
Well Position	+N/-S	0 ft	Northing:	1,915,079.49 usft	Latitude:	36.26310801
	+E/-W	0 ft	Easting:	2,746,207.76 usft	Longitude:	-107.75492101
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	3/8/2022	8.60	62.73	49,185.40000000

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	313.79	

Survey Program	Date	3/11/2022			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
455	4567	Survey #1 - Surface MWD Survey (Original)	MWD+HDGM	OWSG MWD + HDGM	
4662	5624	Survey #2 - Curve MWD Survey (Original)	MWD+HDGM	OWSG MWD + HDGM	
5743	15,240	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	
455	0.18	134.74	455	-1	1	-1	0.04	0.04	0.00	
545	1.37	172.72	545	-2	1	-2	1.37	1.32	42.20	
637	2.40	186.73	637	-5	1	-4	1.22	1.12	15.23	
728	3.79	179.67	728	-10	0	-7	1.58	1.53	-7.76	
819	5.90	176.80	818	-17	1	-12	2.33	2.32	-3.15	
910	6.42	178.30	909	-27	1	-20	0.60	0.57	1.65	
1000	7.42	173.21	998	-38	2	-28	1.30	1.11	-5.66	
1091	8.15	174.53	1088	-50	3	-37	0.83	0.80	1.45	



Scientific Drilling

Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well 305H - Slot 2
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:	305H	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)	
1182	8.42	173.20	1179	-63	5	-47	0.36	0.30	-1.46	
1272	9.29	172.97	1267	-77	6	-58	0.97	0.97	-0.26	
1362	7.23	166.31	1356	-90	9	-68	2.52	-2.29	-7.40	
1454	6.85	166.40	1448	-101	11	-78	0.41	-0.41	0.10	
1546	6.79	172.47	1539	-111	13	-87	0.79	-0.07	6.60	
1636	5.88	173.94	1629	-121	14	-94	1.03	-1.01	1.63	
1727	5.86	172.06	1719	-130	16	-101	0.21	-0.02	-2.07	
1817	5.47	184.87	1809	-139	16	-108	1.47	-0.43	14.23	
1909	5.87	182.67	1900	-148	15	-114	0.49	0.43	-2.39	
2004	6.68	179.48	1995	-159	15	-121	0.93	0.85	-3.36	
2099	6.60	183.68	2089	-170	15	-128	0.52	-0.08	4.42	
2194	6.47	183.44	2183	-180	14	-135	0.14	-0.14	-0.25	
2289	7.25	171.43	2278	-192	15	-143	1.71	0.82	-12.64	
2384	6.71	173.18	2372	-203	16	-152	0.61	-0.57	1.84	
2479	6.61	172.59	2466	-214	18	-161	0.13	-0.11	-0.62	
2574	7.45	170.64	2561	-226	19	-170	0.92	0.88	-2.05	
2669	7.67	171.11	2655	-238	21	-180	0.24	0.23	0.49	
2764	8.14	174.54	2749	-251	23	-190	0.70	0.49	3.61	
2859	9.24	172.59	2843	-265	25	-201	1.20	1.16	-2.05	
2954	8.30	171.45	2937	-279	27	-213	1.01	-0.99	-1.20	
3049	7.55	173.90	3031	-292	28	-223	0.87	-0.79	2.58	
3144	7.11	176.79	3125	-304	29	-232	0.60	-0.46	3.04	
3239	6.75	162.20	3219	-316	31	-241	1.89	-0.38	-15.36	
3334	7.21	164.43	3314	-327	35	-251	0.56	0.48	2.35	
3429	6.96	157.60	3408	-338	38	-261	0.92	-0.26	-7.19	
3524	6.61	164.49	3502	-348	42	-271	0.93	-0.37	7.25	
3619	6.85	165.60	3597	-359	45	-281	0.29	0.25	1.17	
3713	7.44	161.40	3690	-370	48	-291	0.84	0.63	-4.47	
3808	5.84	158.24	3784	-381	52	-301	1.73	-1.68	-3.33	
3903	5.61	157.51	3879	-389	56	-310	0.25	-0.24	-0.77	
3998	5.11	157.17	3973	-398	59	-318	0.53	-0.53	-0.36	
4093	4.67	156.30	4068	-405	62	-325	0.47	-0.46	-0.92	
4188	4.84	158.96	4163	-412	65	-332	0.29	0.18	2.80	
4283	5.18	171.48	4257	-420	67	-339	1.20	0.36	13.18	
4377	4.11	169.73	4351	-428	68	-345	1.15	-1.14	-1.86	
4472	4.50	178.05	4446	-435	69	-351	0.77	0.41	8.76	
4567	3.62	177.86	4541	-442	69	-356	0.93	-0.93	-0.20	
4662	4.57	178.54	4635	-448	70	-361	1.00	1.00	0.72	
4737	5.07	212.43	4710	-454	68	-363	3.80	0.67	45.19	
4832	13.97	277.16	4804	-456	54	-355	13.31	9.37	68.14	
4927	21.95	306.48	4894	-444	28	-328	12.45	8.40	30.86	
5022	30.27	314.16	4980	-417	-3	-286	9.44	8.76	8.08	
5117	39.37	313.36	5057	-380	-42	-232	9.59	9.58	-0.84	



Scientific Drilling

Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well 305H - Slot 2
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:	305H	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)
5212	48.67	314.65	5126	-334	-90	-166	9.83	9.79	1.36
5307	57.59	317.47	5183	-279	-142	-90	9.68	9.39	2.97
5402	65.79	320.56	5228	-216	-197	-7	9.09	8.63	3.25
5497	73.93	317.89	5260	-148	-255	81	8.96	8.57	-2.81
5592	82.06	319.09	5280	-79	-317	174	8.65	8.56	1.26
5624	83.30	319.03	5284	-55	-337	206	3.88	3.88	-0.19
5743	84.82	319.72	5296	35	-415	323	1.40	1.28	0.58
5837	84.32	319.65	5305	106	-475	417	0.54	-0.53	-0.07
5931	86.88	317.92	5313	177	-537	510	3.28	2.72	-1.84
6025	89.16	315.82	5316	245	-601	604	3.30	2.43	-2.23
6121	89.73	315.34	5317	314	-668	700	0.78	0.59	-0.50
6214	90.24	315.44	5317	380	-734	793	0.56	0.55	0.11
6309	90.44	315.60	5316	448	-800	888	0.27	0.21	0.17
6403	88.93	314.98	5317	515	-866	981	1.74	-1.61	-0.66
6497	88.96	315.12	5318	581	-933	1075	0.15	0.03	0.15
6592	88.83	314.53	5320	648	-1000	1170	0.64	-0.14	-0.62
6686	89.09	314.53	5322	714	-1067	1264	0.28	0.28	0.00
6781	89.40	314.11	5323	780	-1135	1359	0.55	0.33	-0.44
6875	89.66	314.03	5324	846	-1202	1453	0.29	0.28	-0.09
6969	90.07	313.62	5324	911	-1270	1547	0.62	0.44	-0.44
7063	90.47	313.32	5324	976	-1339	1641	0.53	0.43	-0.32
7156	90.23	314.51	5323	1040	-1406	1734	1.31	-0.26	1.28
7250	90.07	312.53	5323	1105	-1474	1828	2.11	-0.17	-2.11
7344	89.16	311.22	5324	1168	-1544	1922	1.70	-0.97	-1.39
7438	89.46	313.00	5325	1231	-1613	2016	1.92	0.32	1.89
7532	90.87	314.79	5324	1296	-1681	2110	2.42	1.50	1.90
7626	90.57	314.96	5323	1362	-1748	2204	0.37	-0.32	0.18
7720	90.20	314.94	5323	1428	-1814	2298	0.39	-0.39	-0.02
7814	89.90	314.73	5323	1495	-1881	2392	0.39	-0.32	-0.22
7908	88.32	313.96	5324	1560	-1948	2486	1.87	-1.68	-0.82
8002	88.76	313.98	5326	1626	-2016	2580	0.47	0.47	0.02
8096	88.52	312.83	5329	1690	-2084	2674	1.25	-0.26	-1.22
8189	89.29	316.17	5330	1755	-2150	2767	3.68	0.83	3.59
8284	89.70	316.68	5331	1824	-2216	2862	0.69	0.43	0.54
8379	90.50	316.83	5331	1893	-2281	2957	0.86	0.84	0.16
8473	90.03	316.17	5331	1962	-2346	3051	0.86	-0.50	-0.70
8567	90.20	316.09	5331	2029	-2411	3145	0.20	0.18	-0.09
8661	87.55	315.27	5332	2097	-2476	3239	2.95	-2.82	-0.87
8753	87.52	315.14	5336	2162	-2541	3330	0.14	-0.03	-0.14
8847	86.81	313.94	5341	2228	-2608	3424	1.48	-0.76	-1.28
8941	88.49	314.22	5345	2293	-2676	3518	1.81	1.79	0.30
9036	88.72	313.48	5347	2359	-2744	3613	0.82	0.24	-0.78
9130	90.47	316.25	5348	2425	-2811	3707	3.49	1.86	2.95



Scientific Drilling

Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well 305H - Slot 2
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:	305H	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)
9224	90.30	316.15	5347	2493	-2876	3801	0.21	-0.18	-0.11
9319	90.37	315.67	5347	2561	-2942	3896	0.51	0.07	-0.51
9413	90.17	315.04	5346	2628	-3008	3990	0.70	-0.21	-0.67
9506	90.27	316.75	5346	2695	-3073	4083	1.84	0.11	1.84
9601	88.79	316.54	5347	2764	-3138	4178	1.57	-1.56	-0.22
9696	88.69	315.97	5349	2833	-3203	4273	0.61	-0.11	-0.60
9790	88.69	315.40	5351	2900	-3269	4367	0.61	0.00	-0.61
9884	89.19	315.17	5353	2967	-3335	4461	0.59	0.53	-0.24
9979	89.60	315.16	5354	3034	-3402	4556	0.43	0.43	-0.01
10,070	90.24	315.23	5354	3098	-3466	4647	0.71	0.70	0.08
10,161	90.47	314.92	5353	3163	-3531	4737	0.42	0.25	-0.34
10,251	91.01	314.61	5352	3226	-3595	4827	0.69	0.60	-0.34
10,342	89.06	313.94	5352	3290	-3660	4918	2.27	-2.14	-0.74
10,433	89.46	313.24	5353	3353	-3726	5009	0.89	0.44	-0.77
10,523	89.97	314.42	5354	3415	-3790	5099	1.43	0.57	1.31
10,614	89.19	314.46	5354	3479	-3855	5190	0.86	-0.86	0.04
10,705	89.60	314.02	5355	3542	-3921	5281	0.66	0.45	-0.48
10,797	89.77	315.89	5356	3607	-3986	5373	2.04	0.18	2.03
10,887	89.60	315.25	5356	3671	-4049	5463	0.74	-0.19	-0.71
10,978	89.60	315.38	5357	3736	-4113	5554	0.14	0.00	0.14
11,069	89.76	314.10	5357	3800	-4177	5645	1.42	0.18	-1.41
11,159	88.59	316.27	5359	3864	-4241	5735	2.74	-1.30	2.41
11,250	88.79	315.99	5361	3930	-4304	5826	0.38	0.22	-0.31
11,340	89.40	315.93	5362	3994	-4366	5916	0.68	0.68	-0.07
11,432	88.76	319.10	5364	4062	-4429	6008	3.51	-0.70	3.45
11,523	88.96	319.22	5365	4131	-4488	6098	0.26	0.22	0.13
11,614	89.70	318.59	5366	4199	-4548	6189	1.07	0.81	-0.69
11,705	88.22	319.22	5368	4268	-4608	6280	1.77	-1.63	0.69
11,796	88.39	318.43	5371	4336	-4668	6370	0.89	0.19	-0.87
11,887	88.76	318.06	5373	4404	-4728	6461	0.57	0.41	-0.41
11,978	90.13	318.42	5374	4472	-4789	6552	1.56	1.51	0.40
12,068	90.23	317.69	5374	4539	-4849	6641	0.82	0.11	-0.81
12,159	88.76	318.54	5374	4607	-4910	6732	1.87	-1.62	0.93
12,249	88.96	318.46	5376	4674	-4969	6822	0.24	0.22	-0.09
12,341	88.79	317.59	5378	4743	-5031	6914	0.96	-0.18	-0.95
12,432	89.97	318.52	5379	4810	-5092	7004	1.65	1.30	1.02
12,522	90.07	317.69	5379	4877	-5152	7094	0.93	0.11	-0.92
12,613	90.17	316.90	5379	4944	-5213	7185	0.88	0.11	-0.87
12,704	90.94	316.45	5378	5010	-5276	7276	0.98	0.85	-0.49
12,793	91.81	315.90	5376	5075	-5337	7365	1.16	0.98	-0.62
12,885	89.16	316.39	5375	5141	-5401	7457	2.93	-2.88	0.53
12,976	89.53	315.90	5376	5207	-5464	7548	0.67	0.41	-0.54
13,066	89.83	315.25	5377	5271	-5527	7637	0.80	0.33	-0.72
13,156	88.72	313.44	5378	5334	-5592	7727	2.36	-1.23	-2.01



Scientific Drilling

Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well 305H - Slot 2
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:	305H	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)	
13,246	89.29	315.37	5379	5397	-5656	7817	2.24	0.63	2.14	
13,338	90.13	315.54	5380	5462	-5720	7909	0.93	0.91	0.18	
13,429	90.54	315.17	5379	5527	-5784	8000	0.61	0.45	-0.41	
13,519	88.02	313.18	5380	5590	-5849	8090	3.57	-2.80	-2.21	
13,610	88.99	313.26	5383	5652	-5915	8181	1.07	1.07	0.09	
13,700	88.49	315.02	5385	5715	-5980	8271	2.03	-0.56	1.96	
13,790	89.16	315.23	5387	5778	-6043	8361	0.78	0.74	0.23	
13,882	89.53	314.68	5388	5843	-6108	8453	0.72	0.40	-0.60	
13,973	89.97	314.24	5388	5907	-6173	8544	0.68	0.48	-0.48	
14,065	90.57	313.97	5388	5971	-6239	8636	0.72	0.65	-0.29	
14,155	89.56	314.23	5387	6034	-6304	8726	1.16	-1.12	0.29	
14,246	89.46	313.10	5388	6097	-6370	8817	1.25	-0.11	-1.24	
14,337	89.50	312.01	5389	6158	-6437	8908	1.20	0.04	-1.20	
14,426	89.29	310.97	5390	6217	-6503	8997	1.19	-0.24	-1.17	
14,517	88.02	313.71	5392	6278	-6571	9088	3.32	-1.40	3.01	
14,609	89.46	313.68	5394	6342	-6637	9180	1.57	1.57	-0.03	
14,699	90.87	313.63	5394	6404	-6702	9270	1.57	1.57	-0.06	
14,793	87.85	314.55	5395	6469	-6770	9364	3.36	-3.21	0.98	
14,888	88.93	314.44	5398	6536	-6838	9459	1.14	1.14	-0.12	
14,982	90.00	314.49	5398	6602	-6905	9553	1.14	1.14	0.05	
15,076	90.74	314.45	5398	6668	-6972	9647	0.79	0.79	-0.04	
15,171	91.21	313.97	5396	6734	-7040	9742	0.71	0.49	-0.51	
15,240	91.21	313.97	5395	6782	-7089	9811	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	
305H 85° Casing	0.00	0.00	5302	-127	-311	1,914,951.88	2,745,897.33	36.26275815	-107.75597437	
- actual wellpath misses target center by 39ft at 5557ft MD (5274 TVD, -105 N, -294 E)										
- Point										
305H Heel Rev 1	0.00	0.00	5317	30	-469	1,915,109.07	2,745,738.92	36.26319030	-107.75651130	
- actual wellpath misses target center by 48ft at 5776ft MD (5300 TVD, 60 N, -436 E)										
- Circle (radius 50)										
305H Toe Rev 1	0.00	0.00	5409	6782	-7075	1,921,855.35	2,739,127.06	36.28173510	-107.77892660	
- actual wellpath misses target center by 17ft at 15229ft MD (5395 TVD, 6774 N, -7082 E)										
- Circle (radius 100)										



Scientific Drilling
Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well 305H - Slot 2
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:	305H	North Reference:	True
Wellbore:	Original Drilling	Survey Calculation Method:	Minimum Curvature
Design:	Original Drilling	Database:	Grand Junction

Design Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
455	455	-1	1	First Surface MWD Survey
4567	4541	-442	69	Last Surface MWD Survey
4662	4635	-448	70	First Curve MWD Survey
5624	5284	-55	-337	Last Curve MWD Survey
5743	5296	35	-415	First Lateral MWD Survey
15,171	5396	6734	-7040	Last Lateral MWD Survey
15,240	5395	6782	-7089	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 305H
County & State	San Juan, NM
SDI Job No.	OP.032659
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 15,240 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

11-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 114468

ACKNOWLEDGMENTS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 114468
	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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Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
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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 114468

CONDITIONS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 114468
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

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