

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 30-045-38209	⁵ Pool Name Nageezi Unit; Mancos (Oil)		⁶ Pool Code 98080
⁷ Property Code 325268	⁸ Property Name Nageezi Unit		⁹ Well Number 313H

II. ¹⁰ Surface Location

Ul or lot no. G	Section 35	Township 24N	Range 09W	Lot Idn	Feet from the 2303'	North/South Line North	Feet from the 2268'	East/West line East	County San Juan
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¹¹ Bottom Hole Location

UL or lot no. I	Section 01	Township 23N	Range 09W	Lot Idn	Feet from the 1976'	North/South line South	Feet from the 405'	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	

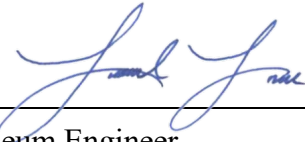
III. Oil and Gas Transporters

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 02/25/22	²² Ready Date 09/18/22	²³ TD 15,210' MD 5,189' TVD	²⁴ PBTD 15,193' MD 5,189' TVD	²⁵ Perforations 6,039'-15,138' MD 5,197'- 5,316' TVD Frac Sleeve @ 15,171'	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set	³⁰ Sacks Cement
12.25		9.625" 36# J55		362'	109
8.75		7" 26# J55		5,740'	622
6.125		4.5" 11.6# P110		TOL: 5,469' BOL: 15,207'	1088

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: 09/09/22		
E-mail Address: sford@djrlc.com			COA: RT expires on 11/30/22		
Date: 08/04/22		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 30-045-38209	² Pool Code 98080	³ Pool Name NAGEEZI UNIT MANCOS OIL POOL
⁴ Property Code 325268	⁵ Property Name NAGEEZI UNIT	⁶ Well Number 313H
⁷ GRID No. 371838	⁸ Operator Name DJR OPERATING, LLC	⁹ Elevation 6899'

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
G	35	24N	9W		2303'	NORTH	2268'	EAST	SAN JUAN

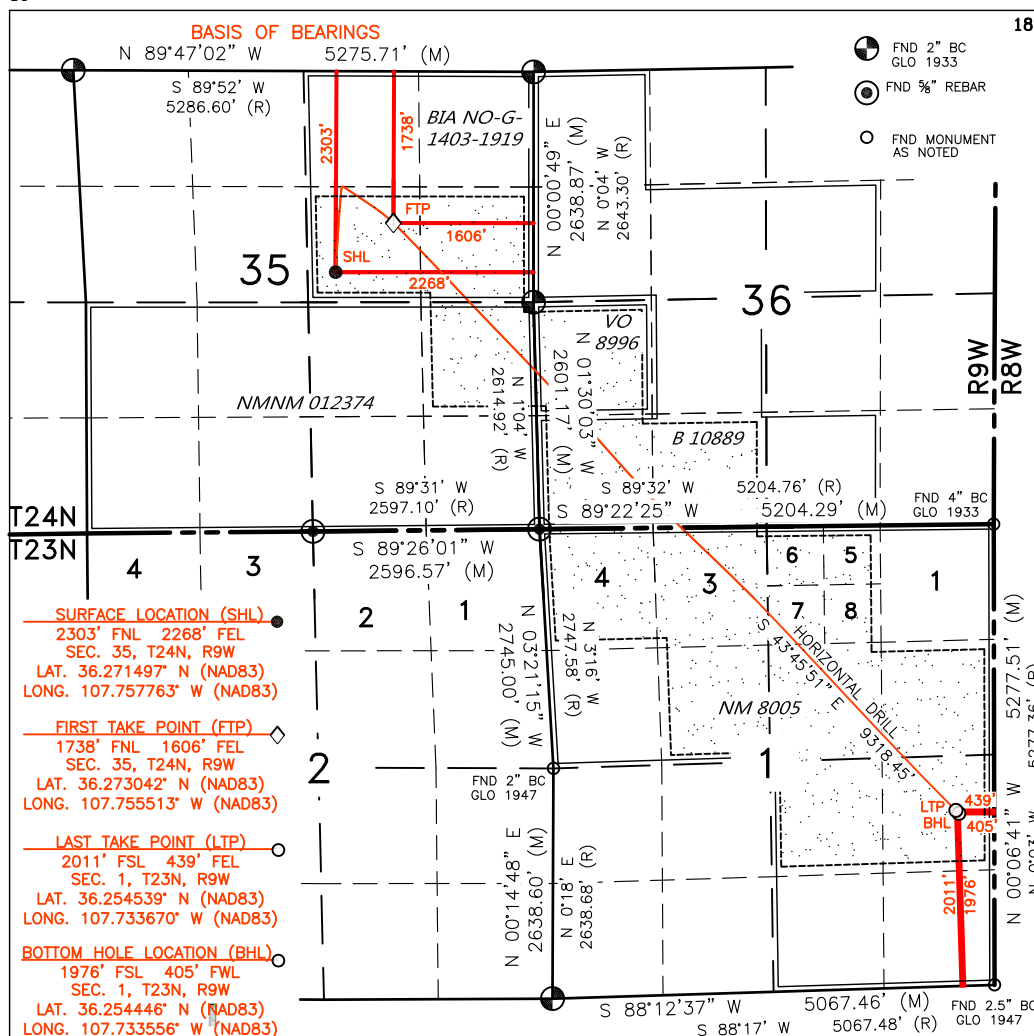
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	1	23N	9W		1976'	SOUTH	405'	EAST	SAN JUAN

¹² Dedicated Acres PENETRATED SPACING UNIT; SEC 35: SW/NE, SE/NE & NE/SE (120 AC.); SEC 36: NW/SW, SW/SW & SE/SW (120 AC.); SEC 1: NW/NW, NE/NW, SE/NW, NW/NE, SW/NE, SE/NE, NW/SE & NE/SE (321.86 AC.) = 561.86 ACRES	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 08/02/22
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 25, 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 Operating
Well Name & No.	Nageezi G35 2409 313H
County & State	Ssn Juan, NM
SDI Job No.	OP.033213
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 451 feet to a measured depth of 15,210 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

20-Apr-22

Date

Janie Collins

Colorado District Well Planner
Scientific Drilling International



DJR

Nageezi Unit

G35 2409

313H

End of Well Report



Scientific Drilling

www.scientificdrilling.com



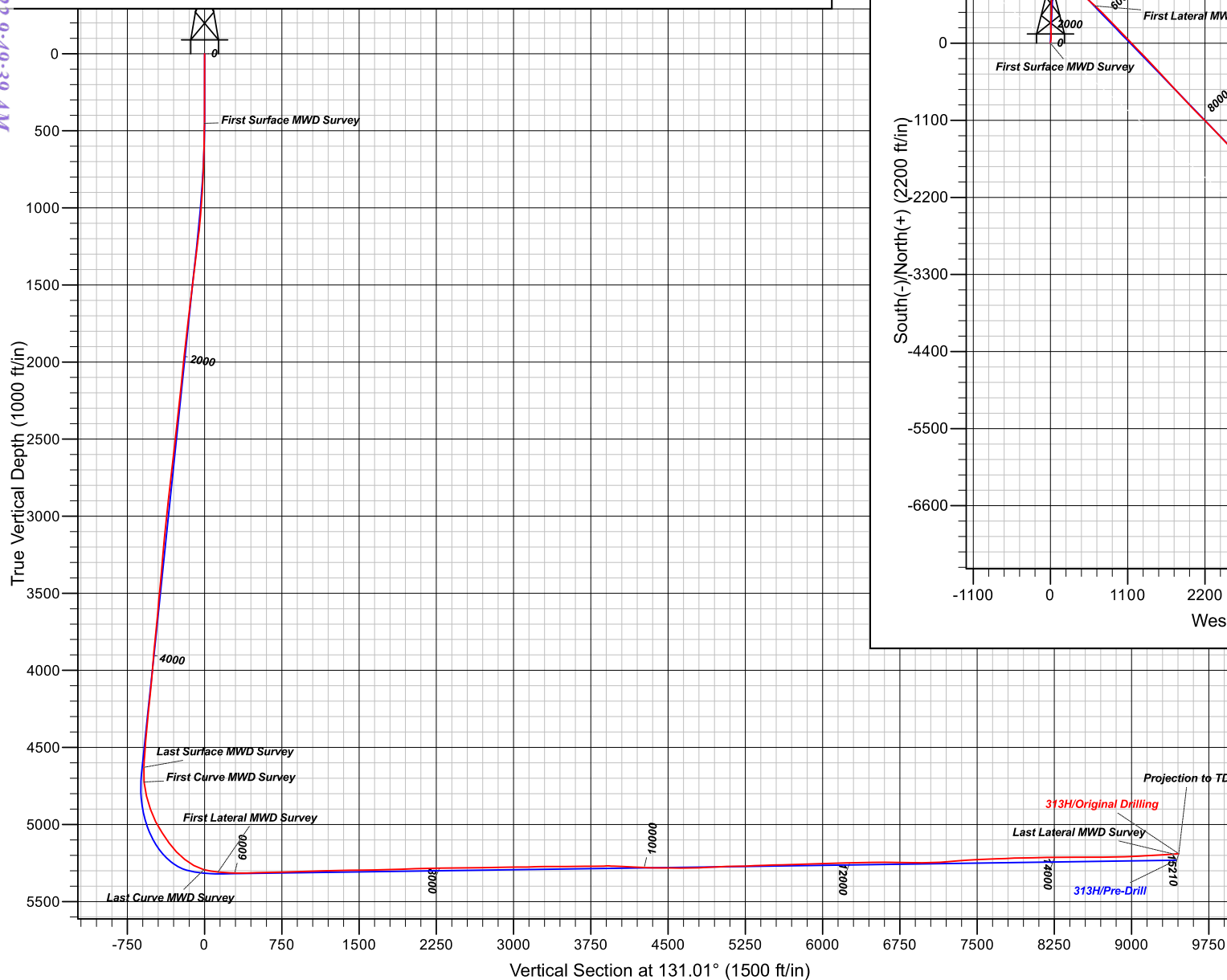


Company Name: DJR Operating
 Project: Nageezi Unit
 Site: G35 2409
 Well: 313H
 Wellbore: Original Drilling



WELL DETAILS: 313H

GL 6899' & RKB 26' @ 6925ft (H&P 443) 6899					
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0	0	1918162.49	2745394.06	36.27157901	-107.75767301





DJR Operating

Nageezi Unit

G35 2409

313H - Slot 7

Original Drilling

Design: Original Drilling

Standard Survey Report

20 April, 2022



www.scientificdrilling.com



Scientific Drilling Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well 313H - Slot 7
Project:	Nageezi Unit	TVD Reference:	GL 6899' & RKB 26' @ 6925ft (H&P 443)
Site:	G35 2409	MD Reference:	GL 6899' & RKB 26' @ 6925ft (H&P 443)
Well:	313H	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		G35 2409			
Site Position:		Northing:	1,918,072.88 usft	Latitude:	36.27133300
From:	Lat/Long	Easting:	2,745,314.54 usft	Longitude:	-107.75794300
Position Uncertainty:	0 ft	Slot Radius:	13.20 in	Grid Convergence:	0.04 °

Well		313H - Slot 7				
Well Position	+N/-S	0 ft	Northing:	1,918,162.49 usft	Latitude:	36.27157901
	+E/-W	0 ft	Easting:	2,745,394.06 usft	Longitude:	-107.75767301
Position Uncertainty		0 ft	Wellhead Elevation:	ft	Ground Level:	6899 ft

Wellbore	Original Drilling				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM2022	4/11/2022	8.60	62.73	49,184.40000000

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	131.01	

Survey Program	Date	4/20/2022			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
451	4743	Survey #1 - Surface MWD Survey (Original)	MWD+HDGM	OWSG MWD + HDGM	
4838	5700	Survey #2 - Curve MWD Survey (Original)	MWD+HDGM	OWSG MWD + HDGM	
5838	15,210	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	
451	0.39	340.06	451	1	-1	-1	0.09	0.09	0.00	
542	1.72	4.65	542	3	-1	-2	1.51	1.46	27.02	
634	4.11	3.68	634	8	0	-5	2.60	2.60	-1.05	
725	6.33	12.13	724	16	1	-10	2.58	2.44	9.29	
816	7.80	9.01	815	27	3	-15	1.67	1.62	-3.43	
908	9.13	4.79	906	40	5	-23	1.59	1.45	-4.59	
999	10.98	5.78	995	56	6	-32	2.04	2.03	1.09	
1091	13.69	6.40	1085	76	8	-43	2.95	2.95	0.67	



Scientific Drilling Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well 313H - Slot 7
Project:	Nageezi Unit	TVD Reference:	GL 6899' & RKB 26' @ 6925ft (H&P 443)
Site:	G35 2409	MD Reference:	GL 6899' & RKB 26' @ 6925ft (H&P 443)
Well:	313H	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	15.36	0.53	1173	98	10	-57	2.44	1.84	-6.45
1272	15.79	357.90	1260	123	9	-74	0.92	0.48	-2.92
1364	14.70	358.12	1349	147	8	-90	1.19	-1.18	0.24
1455	14.56	358.10	1437	170	8	-106	0.15	-0.15	-0.02
1544	15.19	359.41	1523	193	7	-121	0.80	0.71	1.47
1636	13.52	356.89	1612	215	6	-137	1.94	-1.82	-2.74
1726	15.69	359.48	1699	238	6	-152	2.52	2.41	2.88
1817	14.63	356.57	1787	262	5	-168	1.43	-1.16	-3.20
1910	13.35	358.49	1877	284	4	-184	1.46	-1.38	2.06
2004	13.41	2.33	1969	306	4	-198	0.95	0.06	4.09
2099	14.96	5.61	2061	329	6	-212	1.84	1.63	3.45
2194	14.82	3.09	2153	354	8	-226	0.70	-0.15	-2.65
2289	16.14	5.31	2244	379	9	-241	1.52	1.39	2.34
2384	15.07	4.18	2336	404	12	-257	1.17	-1.13	-1.19
2479	14.67	2.79	2427	429	13	-271	0.56	-0.42	-1.46
2574	14.13	1.13	2519	452	14	-286	0.72	-0.57	-1.75
2668	15.29	358.88	2610	476	14	-302	1.38	1.23	-2.39
2763	13.92	357.23	2702	500	13	-318	1.51	-1.44	-1.74
2858	15.29	1.53	2794	524	13	-334	1.84	1.44	4.53
2953	14.80	0.20	2886	549	13	-350	0.63	-0.52	-1.40
3049	13.32	358.35	2979	572	13	-366	1.61	-1.54	-1.93
3144	12.79	4.25	3072	593	13	-379	1.51	-0.56	6.21
3239	11.74	2.77	3164	614	15	-392	1.15	-1.11	-1.56
3333	13.27	5.71	3256	634	16	-404	1.76	1.63	3.13
3428	13.16	4.88	3349	655	18	-416	0.23	-0.12	-0.87
3523	12.72	4.30	3441	677	20	-429	0.48	-0.46	-0.61
3618	13.61	6.45	3534	698	22	-442	1.07	0.94	2.26
3713	14.83	8.55	3626	721	25	-454	1.39	1.28	2.21
3808	14.82	8.77	3718	745	29	-467	0.06	-0.01	0.23
3903	13.88	6.45	3810	769	32	-480	1.16	-0.99	-2.44
3998	13.05	5.59	3902	791	34	-493	0.90	-0.87	-0.91
4093	13.06	9.16	3995	812	37	-505	0.85	0.01	3.76
4188	12.87	3.59	4087	833	39	-517	1.33	-0.20	-5.86
4283	13.83	0.30	4180	855	40	-531	1.29	1.01	-3.46
4378	14.31	2.06	4272	878	40	-546	0.68	0.51	1.85
4473	11.78	1.12	4364	900	41	-559	2.67	-2.66	-0.99
4568	11.26	2.59	4457	919	42	-571	0.63	-0.55	1.55
4663	9.60	3.04	4551	936	43	-582	1.75	-1.75	0.47
4743	7.56	359.76	4630	948	43	-589	2.62	-2.55	-4.10
4838	8.32	112.48	4724	951	49	-587	13.91	0.80	118.65
4933	20.82	121.01	4816	940	70	-564	13.32	13.16	8.98
5028	28.92	117.81	4902	920	105	-525	8.64	8.53	-3.37
5123	37.01	121.29	4982	895	150	-474	8.74	8.52	3.66



Scientific Drilling

Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well 313H - Slot 7
Project:	Nageezi Unit	TVD Reference:	GL 6899' & RKB 26' @ 6925ft (H&P 443)
Site:	G35 2409	MD Reference:	GL 6899' & RKB 26' @ 6925ft (H&P 443)
Well:	313H	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)	
5218	44.83	125.59	5054	860	202	-413	8.75	8.23	4.53	
5313	46.95	124.05	5120	822	258	-345	2.52	2.23	-1.62	
5407	55.27	123.54	5179	781	318	-272	8.86	8.85	-0.54	
5502	62.69	126.19	5228	734	385	-191	8.17	7.81	2.79	
5597	69.04	124.88	5267	684	456	-105	6.80	6.68	-1.38	
5692	80.04	128.19	5292	630	529	-14	12.05	11.58	3.48	
5700	80.69	129.67	5293	625	535	-6	19.97	8.13	18.50	
5838	86.18	134.66	5309	533	637	131	5.36	3.98	3.62	
5932	87.86	133.80	5314	467	704	225	2.01	1.79	-0.91	
6025	89.60	135.00	5316	402	770	317	2.27	1.87	1.29	
6119	91.07	136.28	5315	335	836	411	2.07	1.56	1.36	
6213	91.01	136.71	5314	267	901	505	0.46	-0.06	0.46	
6308	90.94	136.41	5312	198	966	599	0.32	-0.07	-0.32	
6401	90.77	136.21	5311	130	1030	692	0.28	-0.18	-0.22	
6496	91.27	135.84	5309	62	1096	786	0.65	0.53	-0.39	
6590	91.21	136.46	5307	-6	1161	880	0.66	-0.06	0.66	
6684	91.21	136.06	5305	-74	1226	974	0.43	0.00	-0.43	
6779	90.94	136.27	5303	-142	1292	1068	0.36	-0.28	0.22	
6873	90.81	135.67	5302	-210	1357	1162	0.65	-0.14	-0.64	
6968	91.45	136.59	5300	-278	1423	1256	1.18	0.67	0.97	
7063	90.60	137.09	5298	-347	1488	1351	1.04	-0.89	0.53	
7157	90.40	137.10	5297	-416	1552	1444	0.21	-0.21	0.01	
7251	90.57	137.62	5297	-485	1616	1538	0.58	0.18	0.55	
7345	90.87	137.51	5295	-555	1679	1631	0.34	0.32	-0.12	
7439	90.61	137.46	5294	-624	1743	1725	0.28	-0.28	-0.05	
7533	91.54	137.21	5292	-693	1807	1818	1.02	0.99	-0.27	
7628	91.34	137.41	5290	-763	1871	1912	0.30	-0.21	0.21	
7722	91.74	137.28	5288	-832	1935	2006	0.45	0.43	-0.14	
7815	90.81	136.36	5285	-900	1998	2098	1.41	-1.00	-0.99	
7910	90.13	135.22	5285	-968	2064	2193	1.40	-0.72	-1.20	
8004	90.57	135.71	5284	-1035	2130	2287	0.70	0.47	0.52	
8099	90.64	134.61	5283	-1102	2197	2381	1.16	0.07	-1.16	
8193	90.30	136.32	5282	-1169	2263	2475	1.85	-0.36	1.82	
8287	90.47	137.00	5282	-1238	2328	2569	0.75	0.18	0.72	
8382	90.84	135.97	5281	-1307	2393	2663	1.15	0.39	-1.08	
8477	90.54	136.96	5279	-1375	2459	2758	1.09	-0.32	1.04	
8570	90.57	136.21	5279	-1443	2523	2850	0.81	0.03	-0.81	
8665	90.87	135.53	5277	-1511	2589	2945	0.78	0.32	-0.72	
8759	90.20	137.22	5276	-1579	2654	3039	1.93	-0.71	1.80	
8854	90.30	137.29	5276	-1649	2718	3133	0.13	0.11	0.07	
8948	91.61	138.19	5275	-1719	2781	3226	1.69	1.39	0.96	
9042	89.90	140.14	5273	-1790	2843	3319	2.76	-1.82	2.07	
9136	89.80	139.26	5274	-1861	2903	3412	0.94	-0.11	-0.94	



Scientific Drilling Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well 313H - Slot 7
Project:	Nageezi Unit	TVD Reference:	GL 6899' & RKB 26' @ 6925ft (H&P 443)
Site:	G35 2409	MD Reference:	GL 6899' & RKB 26' @ 6925ft (H&P 443)
Well:	313H	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)
9231	90.27	139.41	5273	-1933	2965	3506	0.52	0.49	0.16
9325	91.07	139.58	5272	-2005	3026	3599	0.87	0.85	0.18
9419	90.03	139.60	5271	-2076	3087	3692	1.11	-1.11	0.02
9514	90.44	139.29	5271	-2149	3149	3786	0.54	0.43	-0.33
9608	90.81	139.63	5270	-2220	3210	3879	0.53	0.39	0.36
9703	88.66	137.35	5270	-2291	3273	3973	3.30	-2.26	-2.40
9797	87.98	137.50	5273	-2360	3337	4067	0.74	-0.72	0.16
9892	87.82	136.36	5277	-2430	3402	4161	1.21	-0.17	-1.20
9987	88.33	135.17	5280	-2498	3468	4256	1.36	0.54	-1.25
10,077	89.70	134.66	5281	-2561	3532	4346	1.62	1.52	-0.57
10,169	89.33	134.17	5282	-2626	3597	4437	0.67	-0.40	-0.53
10,259	89.83	132.94	5283	-2688	3662	4527	1.48	0.56	-1.37
10,350	89.93	133.49	5283	-2750	3729	4618	0.61	0.11	0.60
10,441	90.37	132.37	5283	-2812	3795	4709	1.32	0.48	-1.23
10,531	91.24	132.71	5282	-2873	3862	4799	1.04	0.97	0.38
10,621	92.11	132.80	5279	-2934	3928	4889	0.97	0.97	0.10
10,711	92.05	132.79	5276	-2995	3994	4979	0.07	-0.07	-0.01
10,803	91.31	134.52	5273	-3058	4060	5071	2.04	-0.80	1.88
10,893	90.20	132.68	5272	-3121	4125	5161	2.39	-1.23	-2.04
10,984	91.44	134.21	5270	-3183	4192	5252	2.16	1.36	1.68
11,075	91.85	136.91	5268	-3248	4255	5342	3.00	0.45	2.97
11,165	91.34	136.15	5265	-3313	4317	5432	1.02	-0.57	-0.84
11,257	91.11	136.09	5263	-3380	4381	5523	0.26	-0.25	-0.07
11,347	90.54	134.82	5262	-3444	4444	5613	1.55	-0.63	-1.41
11,438	91.65	136.13	5260	-3509	4508	5704	1.89	1.22	1.44
11,529	91.78	135.81	5258	-3574	4571	5794	0.38	0.14	-0.35
11,620	89.77	133.93	5256	-3638	4635	5885	3.02	-2.21	-2.07
11,764	91.61	135.67	5255	-3740	4738	6029	1.76	1.28	1.21
11,802	91.17	135.86	5254	-3767	4764	6067	1.26	-1.16	0.50
11,892	92.25	136.91	5251	-3832	4826	6156	1.67	1.20	1.17
11,982	89.80	135.21	5249	-3897	4889	6246	3.31	-2.72	-1.89
12,073	91.21	135.22	5249	-3961	4953	6337	1.55	1.55	0.01
12,163	91.58	137.67	5246	-4027	5015	6426	2.75	0.41	2.72
12,253	89.97	136.08	5245	-4092	5076	6516	2.51	-1.79	-1.77
12,344	89.26	136.86	5246	-4158	5139	6606	1.16	-0.78	0.86
12,433	89.80	137.64	5247	-4224	5199	6695	1.07	0.61	0.88
12,524	89.60	137.68	5247	-4291	5261	6785	0.22	-0.22	0.04
12,615	88.82	136.19	5248	-4357	5323	6876	1.85	-0.86	-1.64
12,703	90.13	135.75	5249	-4421	5384	6963	1.57	1.49	-0.50
12,793	91.38	137.35	5248	-4486	5446	7053	2.26	1.39	1.78
12,884	92.28	136.80	5245	-4553	5508	7143	1.16	0.99	-0.60
12,974	93.45	136.24	5241	-4618	5570	7233	1.44	1.30	-0.62
13,065	92.69	136.81	5236	-4684	5632	7323	1.04	-0.84	0.63
13,156	92.35	137.96	5232	-4751	5694	7414	1.32	-0.37	1.26



Scientific Drilling Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well 313H - Slot 7
Project:	Nageezi Unit	TVD Reference:	GL 6899' & RKB 26' @ 6925ft (H&P 443)
Site:	G35 2409	MD Reference:	GL 6899' & RKB 26' @ 6925ft (H&P 443)
Well:	313H	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	91.44	138.02	5229	-4817	5754	7503	1.01	-1.01	0.07	
13,337	92.35	137.75	5226	-4885	5815	7593	1.04	1.00	-0.30	
13,428	90.84	137.22	5223	-4952	5876	7684	1.76	-1.66	-0.58	
13,518	91.75	136.84	5221	-5018	5938	7773	1.10	1.01	-0.42	
13,608	90.97	137.21	5219	-5084	5999	7863	0.96	-0.87	0.41	
13,698	90.30	136.78	5218	-5149	6060	7952	0.88	-0.74	-0.48	
13,789	91.41	136.13	5217	-5215	6123	8043	1.41	1.22	-0.71	
13,880	90.67	136.50	5215	-5281	6186	8133	0.91	-0.81	0.41	
13,972	89.80	136.71	5215	-5348	6249	8225	0.97	-0.95	0.23	
14,062	91.07	136.61	5214	-5413	6311	8314	1.42	1.41	-0.11	
14,153	89.80	136.39	5213	-5479	6373	8405	1.42	-1.40	-0.24	
14,244	91.08	136.38	5213	-5545	6436	8496	1.41	1.41	-0.01	
14,334	89.53	136.72	5212	-5611	6498	8585	1.76	-1.72	0.38	
14,425	90.84	136.63	5212	-5677	6561	8676	1.44	1.44	-0.10	
14,516	89.56	136.57	5211	-5743	6623	8766	1.41	-1.41	-0.07	
14,607	90.30	135.77	5212	-5809	6686	8857	1.20	0.81	-0.88	
14,698	91.08	135.41	5210	-5874	6750	8948	0.94	0.86	-0.40	
14,792	92.28	135.14	5208	-5940	6816	9041	1.31	1.28	-0.29	
14,886	93.15	135.13	5203	-6007	6882	9135	0.93	0.93	-0.01	
14,981	91.14	135.21	5200	-6074	6949	9230	2.12	-2.12	0.08	
15,075	92.35	134.87	5197	-6141	7015	9323	1.34	1.29	-0.36	
15,162	93.59	135.14	5192	-6202	7077	9410	1.46	1.43	0.31	
15,210	93.59	135.14	5189	-6236	7111	9458	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	
313H Toe Rev 1	0.00	0.00	5233	-6188	7117	1,911,980.13	2,752,515.48	36.25457790	-107.73353540	
- actual wellpath misses target center by 59ft at 15162ft MD (5192 TVD, -6202 N, 7077 E)										
- Circle (radius 100)										
313H Lat Target	0.00	0.00	5255	-4548	5530	1,913,618.40	2,750,927.79	36.25908271	-107.73891501	
- actual wellpath misses target center by 22ft at 12896ft MD (5245 TVD, -4561 N, 5516 E)										
- Circle (radius 75)										
313H 85° Casing	0.00	0.00	5306	702	459	1,918,865.23	2,745,853.00	36.27350848	-107.75611416	
- actual wellpath misses target center by 43ft at 5600ft MD (5268 TVD, 682 N, 458 E)										
- Point										
313H Heel Rev 1	0.00	0.00	5321	540	629	1,918,702.58	2,746,023.11	36.27306130	-107.75553750	
- actual wellpath misses target center by 13ft at 5829ft MD (5308 TVD, 539 N, 631 E)										
- Circle (radius 50)										



Scientific Drilling
Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well 313H - Slot 7
Project:	Nageezi Unit	TVD Reference:	GL 6899' & RKB 26' @ 6925ft (H&P 443)
Site:	G35 2409	MD Reference:	GL 6899' & RKB 26' @ 6925ft (H&P 443)
Well:	313H	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)	
451	451	1	-1	First Surface MWD Survey
4743	4630	948	43	Last Surface MWD Survey
4838	4724	951	49	First Curve MWD Survey
5700	5293	625	535	Last Curve MWD Survey
5838	5309	533	637	First Lateral MWD Survey
15,162	5192	-6202	7077	Last Lateral MWD Survey
15,210	5189	-6236	7111	Projection to TD

Checked By: _____ Approved By: _____ Date: _____

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
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District III

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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

ACKNOWLEDGMENTS

Action 131705

ACKNOWLEDGMENTS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 131705
	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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State of New Mexico
Energy, Minerals and Natural Resources
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Santa Fe, NM 87505

CONDITIONS

Action 131705

CONDITIONS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 131705
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
Ilowe	COA: RT expires on 11/30/22	9/9/2022