

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 30-045-38207	⁵ Pool Name Nageezi Unit; Mancos (Oil)		⁶ Pool Code 98080
⁷ Property Code 325268	⁸ Property Name Nageezi Unit		⁹ Well Number 309H

II. ¹⁰ Surface Location

Ul or lot no. G	Section 35	Township 24N	Range 09W	Lot Idn	Feet from the 2363'	North/South Line North	Feet from the 2321'	East/West line East	County San Juan
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¹¹ Bottom Hole Location

UL or lot no. J	Section 01	Township 23N	Range 09W	Lot Idn	Feet from the 2168'	North/South line South	Feet from the 2215'	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	

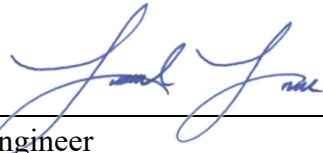
III. Oil and Gas Transporters

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 02/21/22	²² Ready Date 09/18/22	²³ TD 12,991' MD 5,201' TVD	²⁴ PBTD 12,972' MD 5,201' TVD	²⁵ Perforations 6,173'-12,917' MD 5,203'- 5,285' TVD Frac Sleeve @ 12,951'	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set	³⁰ Sacks Cement
12.25		9.625" 36# J55		353'	109
8.75		7" 26# J55		5,634'	606
6.125		4.5" 11.6# P110		TOL: 5,294' BOL: 12,986'	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: Shaw-Marie Ford			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 30-045-38207	² Pool Code 98080	³ Pool Name NAGEEZI UNIT MANCOS OIL POOL
⁴ Property Code 325268	⁵ Property Name NAGEEZI UNIT	⁶ Well Number 309H
⁷ OGRID 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		2363'	NORTH	2321'	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
J	1	23N	9W		2168'	SOUTH	2215'	EAST	SAN JUAN

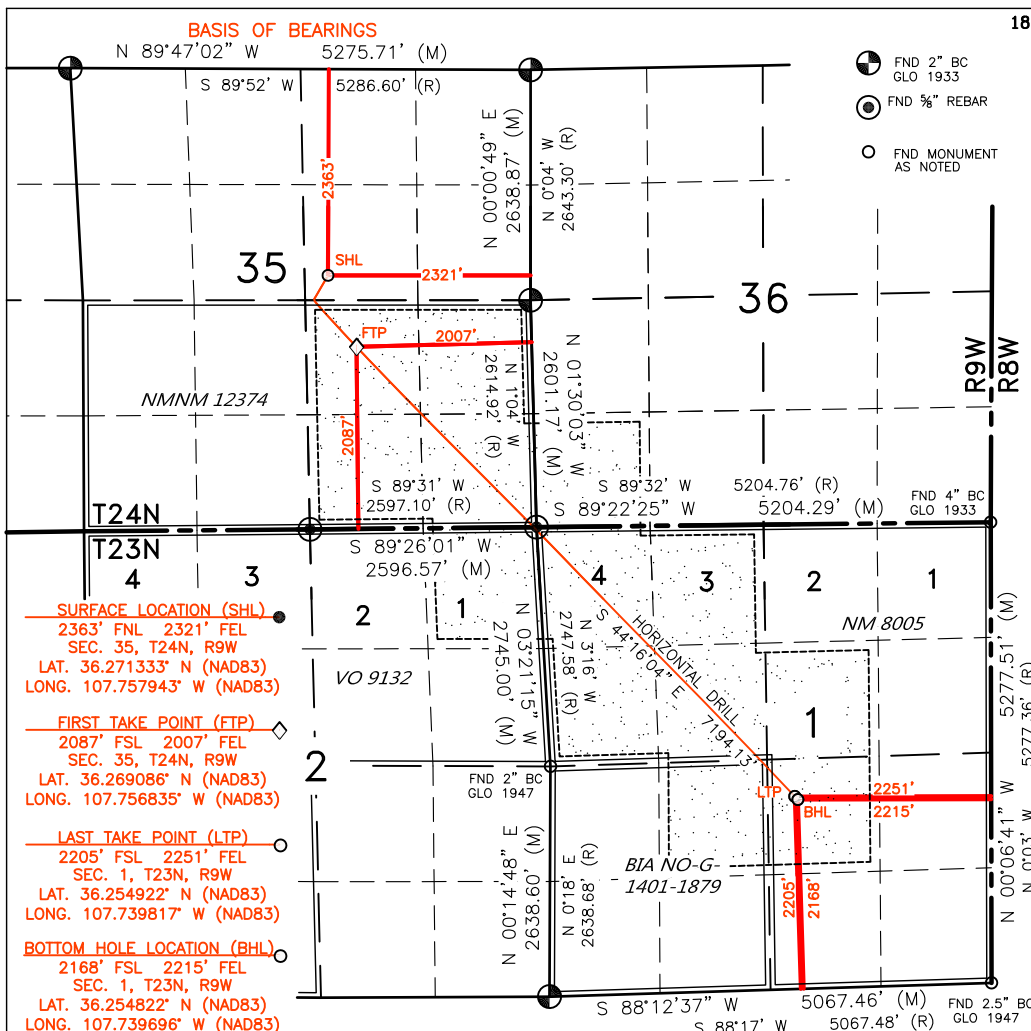
¹² Dedicated Acres PENETRATED SPACING UNIT;
SEC 35: SE/4 (160 AC.); SEC 36: SW/SW (40 AC.); SEC 2: NE/NE (41.15 AC.); SEC 1: NW/4, SW/NE, NE/SW & NW/SE (281.80 AC.) = 522.95 ACRES

¹³ Joint or Infill ¹⁴ Consolidation Code

¹⁵ 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



**Directional Survey Certification**

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

Operator	DJR Operating
Well Name & No.	Nageezi G35 2409 309H
County & State	Ssn Juan, NM
SDI Job No.	OP.033436
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 634 feet to a measured depth of 12,991 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

12-Apr-22

Date

Janie Collins

Colorado District Well Planner
Scientific Drilling International



DJR

Nageezi Unit

G35 2409

309H

End of Well Report



www.scientificdrilling.com





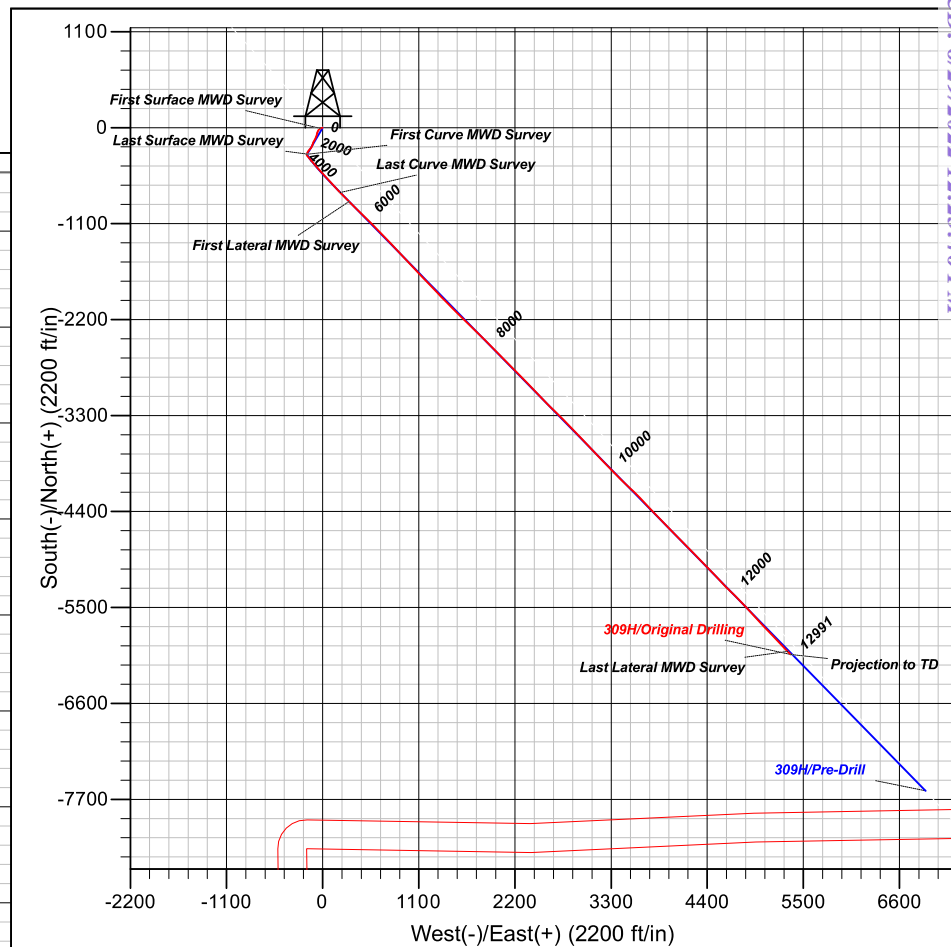
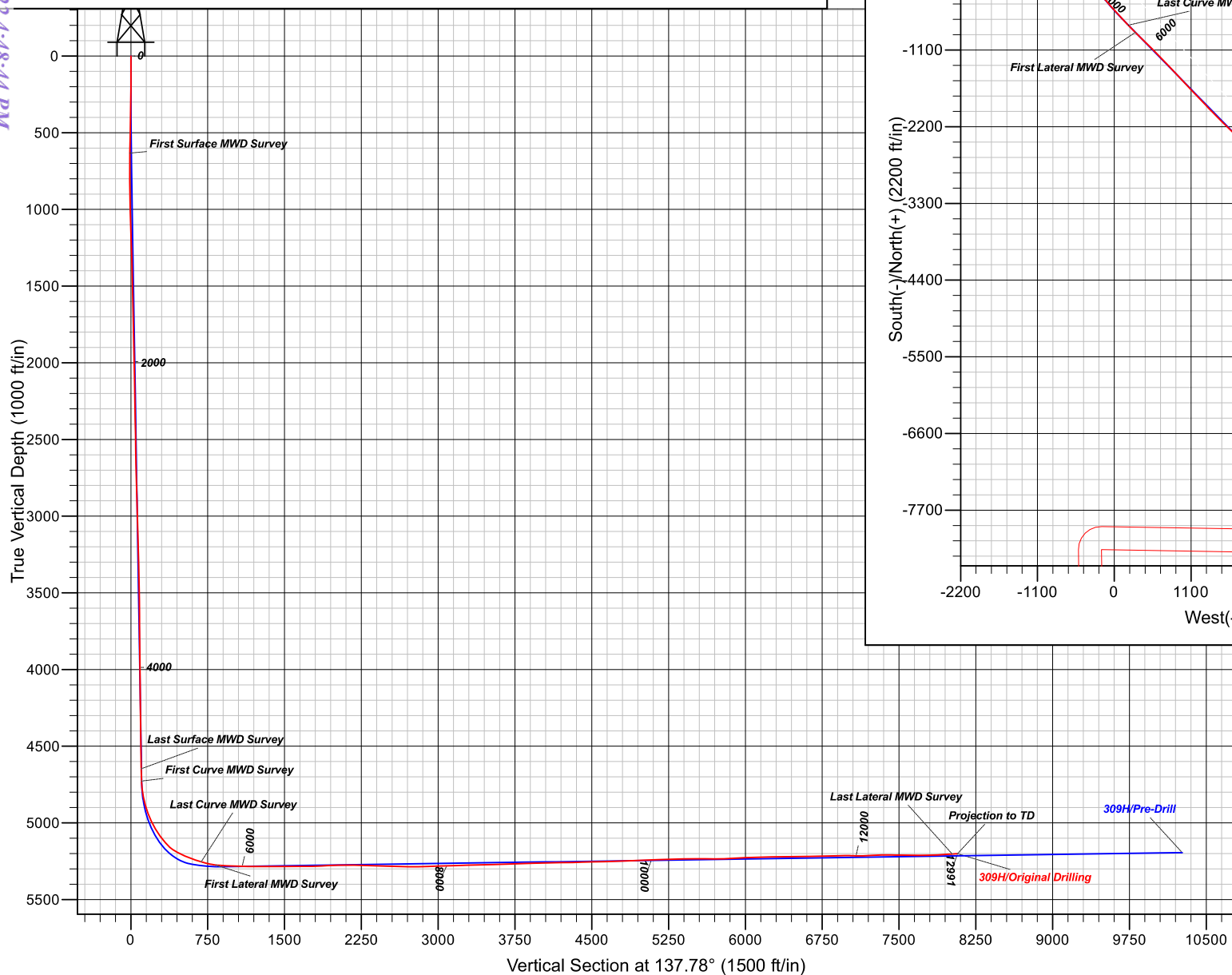
Company Name: DJR Operating
 Project: Nageezi Unit
 Site: G35 2409
 Well: 309H
 Wellbore: Original Drilling



WELL DETAILS: 309H

GL 6899' & RKB 26' @ 6925ft (H&P 443) 6899

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	
0	0	1918102.75	2745341.05	36.27141501	-107.75785300	3



Design: Original Drilling (309H/Original Drilling)

Created By: Janie Collins Date: 14:02, April 12 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

G35 2409

309H - Slot 3

Original Drilling

Design: Original Drilling

Standard Survey Report

12 April, 2022



www.scientificdrilling.com



Scientific Drilling Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well 309H - Slot 3
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:	309H	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	309H - Slot 3					
Well Position	+N/-S	0 ft	Northing:	1,918,102.75 usft	Latitude:	36.27141501
	+E/-W	0 ft	Easting:	2,745,341.05 usft	Longitude:	-107.75785300
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	3/26/2022	8.60	62.73	49,187.80000000

Design	Original Drilling				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	0	0	0	137.79	

Survey Program	Date	4/12/2022			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
634	4663	Survey #1 - Surface MWD Survey (Original)	MWD+HDGM	OWSG MWD + HDGM	
4743	5597	Survey #2 - Curve MWD Survey (Original)	MWD+HDGM	OWSG MWD + HDGM	
5743	12,991	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	
634	5.17	249.62	633	-10	-27	-11	0.82	0.82	0.00	
725	6.78	224.63	724	-15	-34	-12	3.32	1.77	-27.46	
816	6.93	229.38	814	-23	-42	-12	0.64	0.16	5.22	
908	6.13	219.86	905	-30	-50	-11	1.46	-0.87	-10.35	
999	6.47	201.61	996	-38	-55	-8	2.22	0.37	-20.05	
1091	7.06	201.78	1087	-49	-59	-3	0.64	0.64	0.18	
1182	5.02	193.40	1178	-58	-62	1	2.44	-2.24	-9.21	
1272	5.91	196.58	1267	-66	-64	6	1.04	0.99	3.53	



Scientific Drilling

Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well 309H - Slot 3
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:	309H	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)	
1364	3.43	196.34	1359	-73	-66	10	2.70	-2.70	-0.26	
1455	4.13	195.89	1450	-79	-68	13	0.77	0.77	-0.49	
1545	4.09	193.46	1540	-85	-69	16	0.20	-0.04	-2.70	
1636	3.51	182.97	1630	-91	-70	20	0.99	-0.64	-11.53	
1726	4.44	216.34	1720	-97	-72	23	2.72	1.03	37.08	
1817	4.14	204.75	1811	-102	-76	25	1.01	-0.33	-12.74	
1910	4.11	199.10	1904	-109	-78	28	0.44	-0.03	-6.08	
2004	4.07	199.41	1997	-115	-81	31	0.05	-0.04	0.33	
2099	4.24	204.70	2092	-121	-83	34	0.44	0.18	5.57	
2194	4.11	200.97	2187	-128	-86	37	0.32	-0.14	-3.93	
2289	4.19	206.95	2282	-134	-89	40	0.46	0.08	6.29	
2384	4.36	210.46	2376	-140	-92	42	0.33	0.18	3.69	
2479	4.75	211.78	2471	-147	-96	44	0.43	0.41	1.39	
2574	5.14	210.73	2566	-154	-100	46	0.42	0.41	-1.11	
2668	5.47	208.32	2659	-161	-105	49	0.42	0.35	-2.56	
2764	5.85	205.04	2755	-170	-109	53	0.52	0.40	-3.42	
2858	4.83	196.52	2848	-178	-112	56	1.37	-1.09	-9.06	
2953	4.57	194.88	2943	-185	-114	61	0.31	-0.27	-1.73	
3049	4.20	193.61	3039	-192	-116	65	0.40	-0.39	-1.32	
3144	5.20	203.19	3134	-200	-118	68	1.33	1.05	10.08	
3239	5.24	204.35	3228	-208	-122	72	0.12	0.04	1.22	
3333	5.67	201.70	3322	-216	-125	76	0.53	0.46	-2.82	
3428	6.26	210.94	3416	-225	-130	79	1.18	0.62	9.73	
3523	5.47	221.61	3511	-232	-135	81	1.41	-0.83	11.23	
3618	6.14	220.02	3605	-240	-142	82	0.73	0.71	-1.67	
3713	4.72	218.20	3700	-247	-147	84	1.51	-1.49	-1.92	
3808	5.03	218.96	3794	-253	-152	85	0.33	0.33	0.80	
3903	4.04	218.97	3889	-259	-157	86	1.04	-1.04	0.01	
3998	3.99	218.83	3984	-264	-161	87	0.05	-0.05	-0.15	
4093	4.08	213.03	4079	-269	-165	89	0.44	0.09	-6.11	
4188	4.70	212.92	4173	-276	-169	90	0.65	0.65	-0.12	
4283	3.61	207.45	4268	-281	-173	92	1.22	-1.15	-5.76	
4378	3.60	208.24	4363	-287	-175	94	0.05	-0.01	0.83	
4473	2.89	202.82	4458	-292	-178	96	0.81	-0.75	-5.71	
4568	4.04	215.23	4553	-297	-181	98	1.44	1.21	13.06	
4663	3.57	206.32	4647	-302	-184	100	0.79	-0.49	-9.38	
4743	4.37	194.64	4727	-307	-186	103	1.42	1.00	-14.60	
4837	15.92	146.33	4820	-321	-180	117	14.26	12.29	-51.39	
4933	26.26	139.22	4909	-348	-158	152	11.08	10.77	-7.41	
5028	35.26	139.38	4991	-385	-127	200	9.47	9.47	0.17	
5123	44.58	139.01	5064	-431	-87	261	9.81	9.81	-0.39	
5218	51.77	138.46	5127	-485	-40	332	7.58	7.57	-0.58	
5313	65.29	136.21	5176	-544	15	413	14.37	14.23	-2.37	



Scientific Drilling

Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well 309H - Slot 3
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:	309H	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)
5344	69.76	136.98	5188	-565	34	441	14.60	14.42	2.48
5376	71.12	137.35	5199	-587	55	471	4.39	4.25	1.16
5407	73.23	137.73	5208	-609	75	501	6.91	6.81	1.23
5439	74.95	137.15	5217	-631	96	532	5.65	5.38	-1.81
5471	75.63	137.62	5225	-654	117	563	2.56	2.13	1.47
5502	75.88	137.47	5233	-676	137	593	0.93	0.81	-0.48
5534	75.73	137.78	5241	-699	158	624	1.05	-0.47	0.97
5597	78.57	136.97	5255	-744	199	685	4.68	4.51	-1.29
5743	85.50	134.74	5275	-848	300	830	4.98	4.75	-1.53
5837	88.32	134.63	5280	-914	367	923	3.00	3.00	-0.12
5931	89.23	134.84	5282	-980	434	1017	0.99	0.97	0.22
6024	89.19	133.47	5283	-1045	500	1110	1.47	-0.04	-1.47
6119	89.36	135.55	5285	-1111	568	1205	2.20	0.18	2.19
6213	89.90	134.55	5285	-1178	634	1299	1.21	0.57	-1.06
6307	90.44	135.98	5285	-1245	701	1393	1.63	0.57	1.52
6401	90.74	136.50	5284	-1313	766	1487	0.64	0.32	0.55
6495	90.34	137.55	5283	-1381	830	1581	1.20	-0.43	1.12
6590	89.73	136.80	5283	-1451	894	1676	1.02	-0.64	-0.79
6684	90.07	136.47	5283	-1519	959	1770	0.50	0.36	-0.35
6778	92.28	137.17	5281	-1588	1023	1863	2.47	2.35	0.74
6873	90.81	136.77	5279	-1657	1088	1958	1.60	-1.55	-0.42
6968	90.81	136.97	5277	-1727	1153	2053	0.21	0.00	0.21
7062	89.90	136.82	5277	-1795	1217	2147	0.98	-0.97	-0.16
7157	90.03	135.54	5277	-1864	1283	2242	1.35	0.14	-1.35
7250	88.66	136.64	5278	-1931	1347	2335	1.89	-1.47	1.18
7344	88.02	135.49	5281	-1999	1412	2429	1.40	-0.68	-1.22
7438	88.09	134.67	5284	-2065	1479	2523	0.88	0.07	-0.87
7532	89.36	134.49	5286	-2131	1546	2617	1.36	1.35	-0.19
7627	89.56	134.03	5287	-2197	1614	2712	0.53	0.21	-0.48
7721	90.54	133.38	5287	-2262	1682	2805	1.25	1.04	-0.69
7814	91.85	134.59	5285	-2327	1749	2898	1.92	1.41	1.30
7909	91.38	136.27	5282	-2394	1815	2993	1.84	-0.49	1.77
8003	91.24	135.03	5280	-2462	1881	3087	1.33	-0.15	-1.32
8098	90.91	134.06	5278	-2528	1949	3182	1.08	-0.35	-1.02
8192	91.11	135.79	5276	-2595	2015	3276	1.85	0.21	1.84
8286	90.91	135.82	5275	-2662	2081	3370	0.22	-0.21	0.03
8381	91.01	135.40	5273	-2730	2147	3465	0.45	0.11	-0.44
8476	91.17	134.57	5271	-2797	2214	3559	0.89	0.17	-0.87
8569	90.94	136.35	5270	-2863	2280	3652	1.93	-0.25	1.91
8664	91.61	136.35	5268	-2932	2345	3747	0.71	0.71	0.00
8758	90.94	137.07	5265	-3000	2410	3841	1.05	-0.71	0.77
8853	91.34	136.44	5264	-3070	2475	3936	0.79	0.42	-0.66
8947	91.07	135.47	5262	-3137	2540	4030	1.07	-0.29	-1.03



Scientific Drilling

Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well 309H - Slot 3
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:	309H	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)
9041	90.54	134.24	5260	-3203	2607	4124	1.42	-0.56	-1.31
9135	90.30	135.69	5260	-3270	2673	4218	1.56	-0.26	1.54
9230	91.54	135.57	5258	-3338	2740	4313	1.31	1.31	-0.13
9324	91.11	134.70	5256	-3404	2806	4407	1.03	-0.46	-0.93
9418	90.74	136.13	5254	-3471	2872	4501	1.57	-0.39	1.52
9513	89.93	135.57	5254	-3540	2938	4596	1.04	-0.85	-0.59
9607	91.41	137.01	5253	-3607	3003	4689	2.20	1.57	1.53
9702	91.38	136.88	5250	-3677	3068	4784	0.14	-0.03	-0.14
9796	92.01	136.27	5248	-3745	3132	4878	0.93	0.67	-0.65
9891	92.41	136.07	5244	-3814	3198	4973	0.47	0.42	-0.21
9986	91.28	137.36	5241	-3883	3263	5068	1.80	-1.19	1.36
10,076	90.70	135.71	5239	-3948	3325	5158	1.94	-0.64	-1.83
10,168	91.14	134.91	5238	-4013	3390	5250	0.99	0.48	-0.87
10,258	90.30	132.93	5237	-4076	3455	5340	2.39	-0.93	-2.20
10,349	90.30	133.55	5236	-4138	3521	5431	0.68	0.00	0.68
10,440	91.48	134.85	5235	-4202	3586	5521	1.93	1.30	1.43
10,530	89.26	136.16	5234	-4266	3649	5611	2.86	-2.47	1.46
10,619	89.93	136.75	5235	-4330	3710	5700	1.00	0.75	0.66
10,710	91.18	136.45	5234	-4396	3773	5791	1.41	1.37	-0.33
10,801	92.15	136.50	5231	-4462	3836	5882	1.07	1.07	0.05
10,891	92.08	135.63	5228	-4527	3898	5972	0.97	-0.08	-0.97
10,982	92.01	136.38	5225	-4593	3961	6063	0.83	-0.08	0.82
11,073	90.07	135.60	5223	-4658	4024	6154	2.30	-2.13	-0.86
11,164	90.54	134.96	5223	-4723	4088	6245	0.87	0.52	-0.70
11,255	90.44	134.03	5222	-4786	4153	6336	1.03	-0.11	-1.02
11,346	90.13	135.28	5221	-4850	4218	6427	1.42	-0.34	1.37
11,437	90.91	136.24	5221	-4916	4282	6517	1.36	0.86	1.05
11,527	91.88	136.41	5218	-4981	4344	6607	1.09	1.08	0.19
11,617	89.16	136.60	5218	-5046	4406	6697	3.03	-3.02	0.21
11,708	90.70	137.09	5218	-5112	4468	6788	1.78	1.69	0.54
11,799	91.78	137.12	5216	-5179	4530	6879	1.19	1.19	0.03
11,889	90.84	135.28	5214	-5244	4592	6969	2.30	-1.04	-2.04
11,979	88.05	132.45	5215	-5306	4657	7059	4.42	-3.10	-3.14
12,069	91.24	135.51	5215	-5369	4722	7149	4.91	3.54	3.40
12,160	92.12	136.56	5212	-5434	4785	7240	1.51	0.97	1.15
12,251	92.02	138.40	5209	-5501	4846	7331	2.02	-0.11	2.02
12,342	88.25	135.90	5209	-5568	4908	7422	4.97	-4.14	-2.75
12,433	89.66	137.24	5211	-5634	4971	7513	2.14	1.55	1.47
12,524	89.16	137.21	5212	-5701	5033	7604	0.55	-0.55	-0.03
12,615	89.53	136.24	5213	-5767	5095	7695	1.14	0.41	-1.07
12,705	91.41	137.37	5212	-5833	5156	7785	2.44	2.09	1.26
12,796	92.28	136.97	5209	-5899	5218	7875	1.05	0.96	-0.44
12,887	92.38	136.35	5205	-5965	5281	7966	0.69	0.11	-0.68
12,940	91.95	135.44	5203	-6004	5318	8019	1.90	-0.81	-1.72



Scientific Drilling

Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well 309H - Slot 3
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:	309H	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)
12,991	91.95	135.44	5202	-6040	5353	8070	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
- hit/miss target									
- Shape									
309H Toe Rev 1	0.00	0.00	5194	-7602	6897	1,910,505.88	2,752,243.99	36.25052880	-107.73446130
- actual wellpath misses target center by 2196ft at 12991ft MD (5202 TVD, -6040 N, 5353 E)									
- Circle (radius 100)									
309H Lat Target	0.00	0.00	5212	-6299	5625	1,911,808.36	2,750,971.44	36.25411028	-107.73877295
- actual wellpath misses target center by 376ft at 12991ft MD (5202 TVD, -6040 N, 5353 E)									
- Circle (radius 75)									
309H 85° Casing	0.00	0.00	5271	-685	144	1,917,417.86	2,745,485.30	36.26953325	-107.75736544
- actual wellpath misses target center by 34ft at 5522ft MD (5238 TVD, -691 N, 150 E)									
- Point									
309H Heel Rev 1	0.00	0.00	5286	-855	304	1,917,247.75	2,745,645.93	36.26906560	-107.75682100
- actual wellpath misses target center by 11ft at 5752ft MD (5276 TVD, -854 N, 306 E)									
- Circle (radius 50)									

Design Annotations					
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates			
		+N/-S (ft)	+E/-W (ft)	Comment	
634	633	-10	-27	First Surface MWD Survey	
4663	4647	-302	-184	Last Surface MWD Survey	
4743	4727	-307	-186	First Curve MWD Survey	
5597	5255	-744	199	Last Curve MWD Survey	
5743	5275	-848	300	First Lateral MWD Survey	
12,940	5203	-6003	5318	Last Lateral MWD Survey	
12,991	5202	-6040	5353	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
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 138895

ACKNOWLEDGMENTS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 138895
	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 138895

CONDITIONS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 138895
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CONDITIONS

Created By	Condition	Condition Date
Ilowe	COA: RT expires on 11/30/22	9/8/2022