

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 30-045-38195	⁵ Pool Name Nageezi Unit; Mancos (Oil)		⁶ Pool Code 98080
⁷ Property Code 325268	⁸ Property Name Nageezi Unit		⁹ Well Number 314H

II. ¹⁰ Surface Location

Ul or lot no. M	Section 35	Township 24N	Range 09W	Lot Idn	Feet from the 70'	North/South Line South	Feet from the 269'	East/West line West	County San Juan
--------------------	---------------	-----------------	--------------	---------	----------------------	---------------------------	-----------------------	------------------------	--------------------

¹¹ Bottom Hole Location

UL or lot no. N	Section 01	Township 23N	Range 09W	Lot Idn	Feet from the 371'	North/South line South	Feet from the 1273'	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 11/08/21	²² Ready Date 06/12/22	²³ TD 13,600' MD 4,694' TVD	²⁴ PBTD 13,581' MD 4,694' TVD	²⁵ Perforations 5,605'-13,526' MD 4,858'- 4,694' TVD Frac Sleeve @ 13,554'	²⁶ DHC, MC	
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set		³⁰ Sacks Cement
12.25		9.625" 36# J55		350'		109
8.75		7" 26# J55		5,322'		643
6.125		4.5" 11.6# P110		TOL: 5,063' BOL: 13,594'		749

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>PATRICIA MARTINEZ</i>		
Printed name: Shaw-Marie Ford			Title: <i>PETROLEUM SPECIALIST</i>		
Title: Regulatory Specialist			Approval Date: <i>6/30/2022</i>		
E-mail Address: sford@djrlc.com			<i>RT EXPIRES 9/12/2022</i>		
Date: 05/04/22		Phone: 505-716-3297			

DISTRICT I

1625 N. French Dr., Hobbs, N.M. 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

DISTRICT II

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 30-045-38195		² Pool Code 98080	³ Pool Name NAGEEZI UNIT MANCOS OIL POOL
⁴ Property Code 325268	⁵ Property Name NAGEEZI UNIT		⁶ Well Number 314H
⁷ OGRID No. 371838	⁸ Operator Name DJR OPERATING, LLC		⁹ Elevation 6864'

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
M	35	24N	9W		70'	SOUTH	269'	WEST	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
N	1	23N	9W		371'	SOUTH	1273'	WEST	SAN JUAN

12 Dedicated Acres PENETRATED SPACING UNIT;
SEC 35: SW/SW & SE/SW (80 AC); SEC 2: NW/NW,
NE/NW, SE/NW, NW/NE, SW/NE, SE/NE, NW/SE, NE/SE
& SE/SE (362.85 AC.); SEC 1: NW/SW, SW/SW &
SE/SW (120 AC.) = 562.85 ACRES

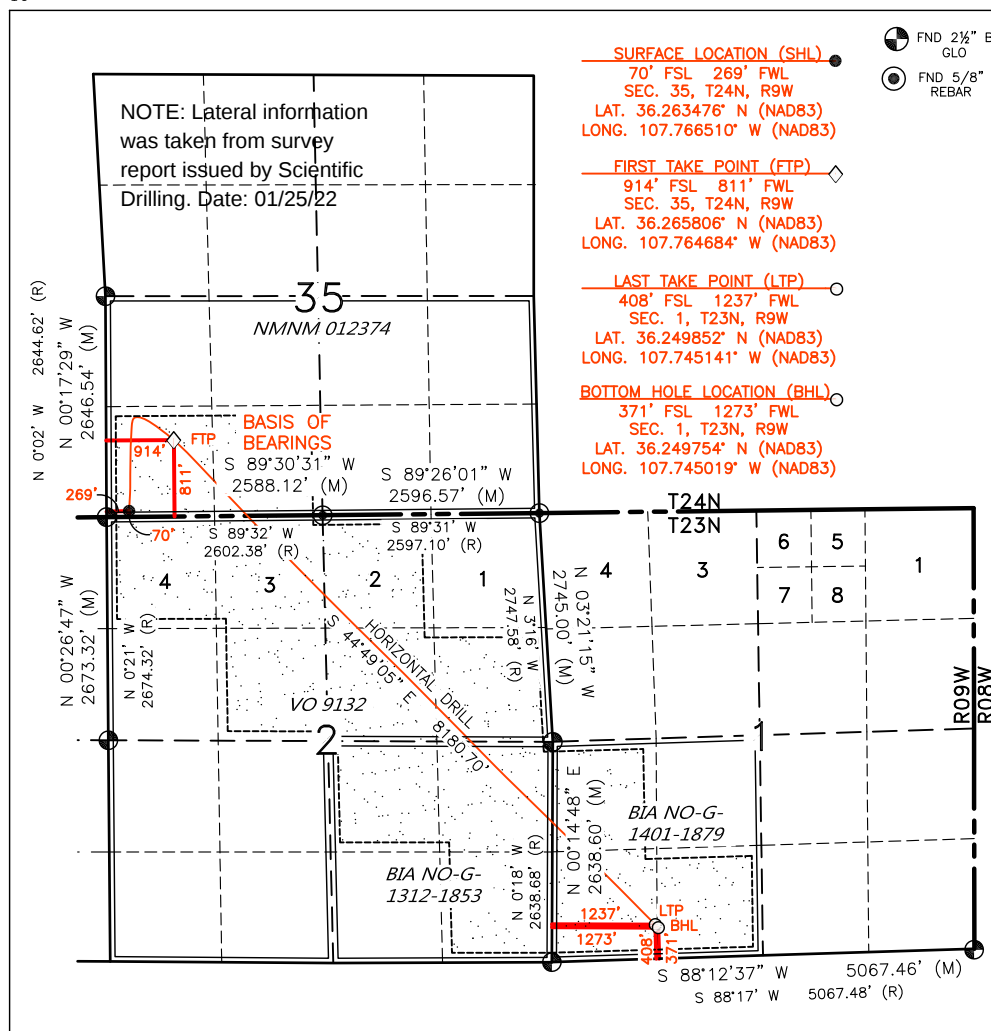
¹³ Joint or Infill	¹⁴ Consolidation Code
-------------------------------	----------------------------------

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



18	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 02/25/22
Signature Date

Shaw-Marie Ford
Printed Name

sford@dirllc.com

E-mail Address

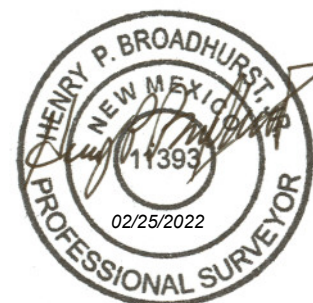
SURVEYOR CERTIFICATION

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.

FEBRUARY 24, 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 Energy
Well Name & No.	Nageezi M35 2409 314H
County & State	San Juan, NM
SDI Job No.	OP.031837
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 13,600 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

25-Jan-22

Date

Janie Collins

Contract Well Planner
Scientific Drilling International



DJR

**Nageezi Unit
M35 2409 Pad
#314H**

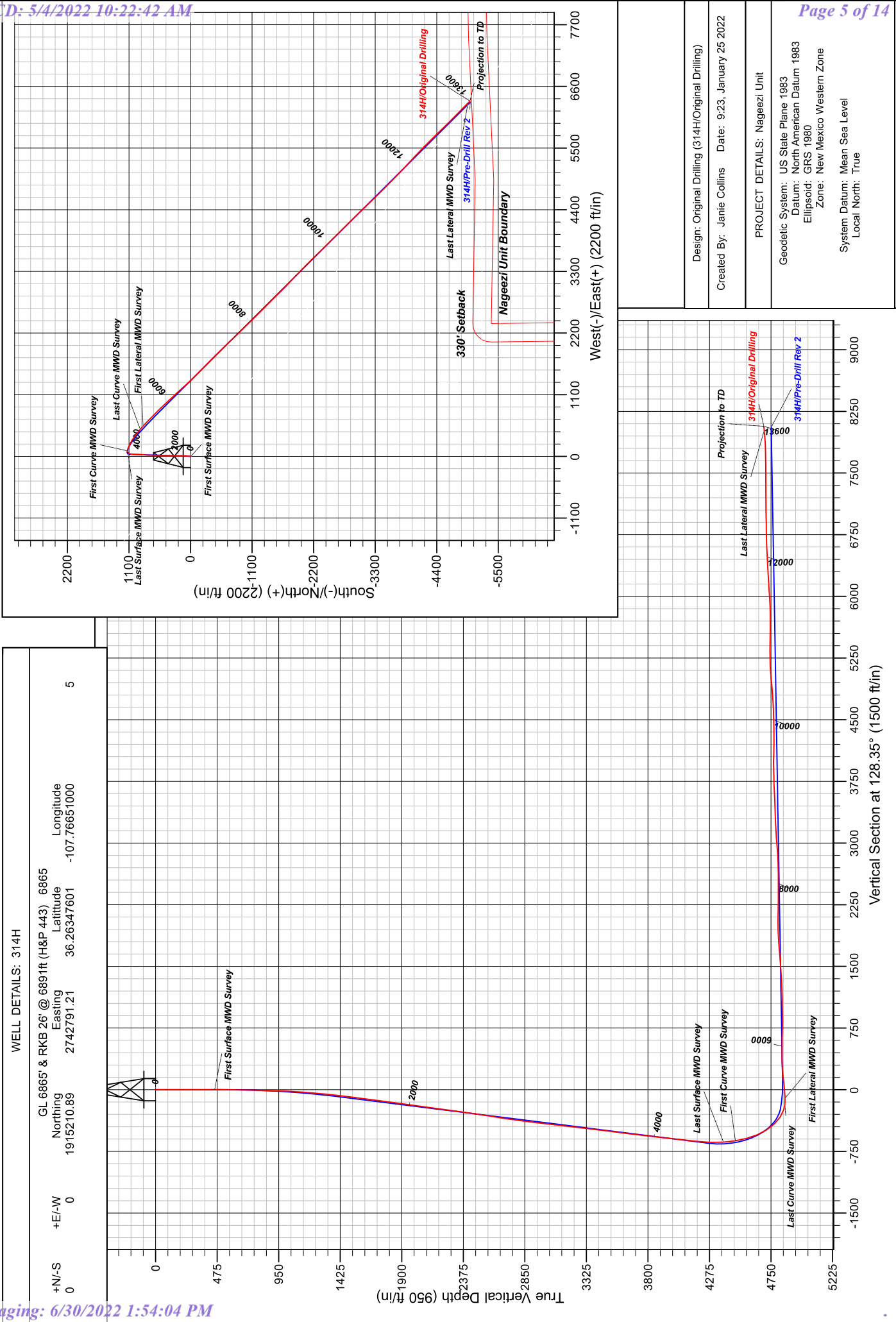
End of Well Report



www.scientificdrilling.com



Company Name: DJR Operating
Project: Nageezi Unit
Site: M35 2409
Well: 314H
Wellbore: Original Drilling



Design: Original Drilling (314H/Original Drilling)

Created By: Jamie Collins Date: 9/23, January 25 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

M35 2409

314H - Slot 5

Original Drilling

Design: Original Drilling

Standard Survey Report

25 January, 2022



www.scientificdrilling.com





Scientific Drilling

Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well 314H - Slot 5
Project:	Nageezi Unit	TVD Reference:	GL 6865' & RKB 26' @ 6891ft (H&P 443)
Site:	M35 2409	MD Reference:	GL 6865' & RKB 26' @ 6891ft (H&P 443)
Well:	314H	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		M35 2409				
Site Position:		Northing:	1,915,230.54	usft	Latitude:	36.26353000
From:	Lat/Long	Easting:	2,742,788.84	usft	Longitude:	-107.76651800
Position Uncertainty:		0	ft	Slot Radius:	13.20	in
					Grid Convergence:	0.04 °

Well	314H - Slot 5					
Well Position	+N/-S	0 ft	Northing:	1,915,210.89 usft	Latitude:	36.26347601
	+E/-W	0 ft	Easting:	2,742,791.21 usft	Longitude:	-107.76651001
Position Uncertainty		0 ft	Wellhead Elevation:	ft	Ground Level:	6865 ft

Wellbore	Original Drilling				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	12/20/2019	8.96	62.90	49,493.59431978

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	128.35	

Survey Program	Date	1/25/2022			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
455	4562	Survey #1 - Surface MWD Survey (Origin	MWD+HDGM	OWSG MWD + HDGM	
4657	5287	Survey #2 - Curve MWD Survey (Original	MWD+HDGM	OWSG MWD + HDGM	
5363	13,600	Survey #3 - Lateral MWD Survey (Origina	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	0.75	243.71	455	-1	-3	-1	0.16	0.16	0.00	
546	0.81	343.53	546	-1	-3	-2	1.31	0.07	109.69	
638	2.32	7.39	638	2	-3	-4	1.75	1.64	25.93	
729	3.63	10.49	729	6	-3	-6	1.45	1.44	3.41	
821	4.68	13.57	821	13	-1	-9	1.17	1.14	3.35	
914	6.36	13.73	913	21	1	-13	1.81	1.81	0.17	
1005	8.73	9.68	1003	33	3	-18	2.67	2.60	-4.45	



Scientific Drilling

Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well 314H - Slot 5
Project:	Nageezi Unit	TVD Reference:	GL 6865' & RKB 26' @ 6891ft (H&P 443)
Site:	M35 2409	MD Reference:	GL 6865' & RKB 26' @ 6891ft (H&P 443)
Well:	314H	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)	
1096	11.38	8.82	1093	49	6	-26	2.92	2.91	-0.95	
1187	13.01	6.03	1182	68	8	-36	1.90	1.79	-3.07	
1279	14.53	2.68	1271	90	10	-48	1.87	1.65	-3.64	
1369	15.66	2.00	1358	113	11	-62	1.27	1.26	-0.76	
1460	17.12	2.80	1445	139	12	-77	1.62	1.60	0.88	
1553	19.06	1.37	1534	168	13	-94	2.14	2.09	-1.54	
1644	18.64	357.34	1620	197	13	-112	1.50	-0.46	-4.43	
1736	18.21	356.22	1707	226	11	-132	0.61	-0.47	-1.22	
1827	17.75	0.55	1794	254	10	-150	1.55	-0.51	4.76	
1918	18.39	1.71	1880	282	11	-167	0.81	0.70	1.27	
2012	20.00	2.01	1969	313	12	-185	1.72	1.71	0.32	
2108	19.78	359.29	2059	346	12	-205	0.99	-0.23	-2.83	
2203	19.66	0.46	2149	378	12	-225	0.43	-0.13	1.23	
2297	18.08	1.12	2238	408	13	-243	1.70	-1.68	0.70	
2392	19.87	1.03	2328	439	13	-262	1.88	1.88	-0.09	
2487	20.64	0.84	2417	472	14	-282	0.81	0.81	-0.20	
2582	21.93	1.99	2505	506	15	-303	1.43	1.36	1.21	
2676	23.51	2.36	2592	543	16	-324	1.69	1.68	0.39	
2771	22.50	1.67	2679	580	17	-346	1.10	-1.06	-0.73	
2866	20.11	2.12	2768	614	18	-367	2.52	-2.52	0.47	
2962	18.51	0.05	2858	646	19	-386	1.81	-1.67	-2.16	
3057	16.32	358.95	2949	675	19	-404	2.33	-2.31	-1.16	
3151	15.50	1.88	3039	700	19	-420	1.22	-0.87	3.12	
3246	17.38	1.02	3131	727	20	-436	2.00	1.98	-0.91	
3341	18.20	4.82	3221	756	21	-453	1.50	0.86	4.00	
3436	19.30	5.57	3311	787	24	-469	1.19	1.16	0.79	
3531	18.04	4.74	3401	817	27	-486	1.36	-1.33	-0.87	
3626	19.46	3.34	3491	847	29	-503	1.57	1.49	-1.47	
3721	18.21	3.36	3581	878	30	-521	1.32	-1.32	0.02	
3816	18.65	1.32	3671	908	32	-538	0.82	0.46	-2.15	
3911	16.94	359.64	3761	937	32	-556	1.88	-1.80	-1.77	
4006	15.40	0.40	3853	963	32	-573	1.64	-1.62	0.80	
4101	16.24	2.06	3944	989	33	-588	1.00	0.88	1.75	
4196	19.10	5.23	4035	1018	34	-605	3.18	3.01	3.34	
4291	18.39	7.97	4125	1048	38	-621	1.19	-0.75	2.88	
4371	17.72	11.25	4201	1073	42	-633	1.52	-0.84	4.10	
4467	17.65	31.40	4292	1100	53	-641	6.35	-0.07	20.99	
4562	16.49	59.71	4383	1119	72	-638	8.75	-1.22	29.80	
4657	18.21	90.77	4474	1125	98	-621	9.80	1.81	32.69	
4751	24.52	104.21	4562	1120	132	-592	8.46	6.71	14.30	



Scientific Drilling

Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well 314H - Slot 5
Project:	Nageezi Unit	TVD Reference:	GL 6865' & RKB 26' @ 6891ft (H&P 443)
Site:	M35 2409	MD Reference:	GL 6865' & RKB 26' @ 6891ft (H&P 443)
Well:	314H	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)
4846	34.64	112.43	4644	1105	176	-548	11.45	10.65	8.65
4941	45.30	118.96	4717	1078	231	-488	12.05	11.22	6.87
5036	56.90	124.09	4776	1040	293	-415	12.91	12.21	5.40
5131	67.47	126.27	4821	991	362	-331	11.31	11.13	2.29
5226	78.82	128.45	4848	936	434	-240	12.15	11.95	2.29
5287	86.14	130.31	4856	898	481	-180	12.37	12.00	3.05
5363	91.21	131.10	4858	848	538	-104	6.75	6.67	1.04
5458	93.05	132.65	4854	785	609	-9	2.53	1.94	1.63
5552	94.10	135.11	4849	720	677	84	2.84	1.12	2.62
5646	93.29	135.31	4842	653	743	177	0.89	-0.86	0.21
5740	92.75	136.11	4838	586	808	270	1.03	-0.57	0.85
5835	91.41	136.26	4834	518	874	364	1.42	-1.41	0.16
5929	89.56	134.99	4833	450	940	458	2.39	-1.97	-1.35
6023	89.06	137.95	4834	382	1005	551	3.19	-0.53	3.15
6116	88.82	137.96	4836	313	1067	642	0.26	-0.26	0.01
6210	88.89	137.79	4838	243	1130	735	0.20	0.07	-0.18
6305	89.63	137.23	4839	173	1194	829	0.98	0.78	-0.59
6398	91.68	138.46	4838	104	1256	920	2.57	2.20	1.32
6492	91.14	137.22	4836	35	1319	1013	1.44	-0.57	-1.32
6586	89.83	135.15	4835	-33	1385	1106	2.61	-1.39	-2.20
6681	90.97	134.70	4834	-100	1452	1201	1.29	1.20	-0.47
6775	91.51	134.78	4832	-166	1519	1294	0.58	0.57	0.09
6869	92.11	135.20	4829	-233	1585	1387	0.78	0.64	0.45
6963	92.92	135.15	4825	-299	1651	1481	0.86	0.86	-0.05
7057	93.59	134.56	4820	-365	1718	1574	0.95	0.71	-0.63
7152	93.15	135.00	4814	-432	1785	1668	0.65	-0.46	0.46
7246	91.81	135.27	4810	-499	1851	1761	1.45	-1.43	0.29
7341	92.32	135.17	4807	-566	1918	1856	0.55	0.54	-0.11
7435	91.17	136.97	4804	-634	1983	1949	2.27	-1.22	1.91
7529	89.60	137.00	4803	-703	2047	2042	1.67	-1.67	0.03
7623	89.87	136.71	4804	-771	2112	2135	0.42	0.29	-0.31
7718	89.20	135.63	4805	-840	2178	2229	1.34	-0.71	-1.14
7812	88.89	135.21	4806	-907	2244	2322	0.56	-0.33	-0.45
7906	90.17	135.63	4807	-974	2309	2415	1.43	1.36	0.45
8001	90.10	135.60	4807	-1041	2376	2510	0.08	-0.07	-0.03
8094	90.54	135.57	4806	-1108	2441	2602	0.47	0.47	-0.03
8189	90.47	134.73	4805	-1175	2508	2696	0.89	-0.07	-0.88
8283	92.08	135.65	4803	-1242	2574	2789	1.97	1.71	0.98
8377	92.21	134.88	4800	-1309	2640	2883	0.83	0.14	-0.82
8471	92.85	134.77	4796	-1375	2707	2976	0.69	0.68	-0.12



Scientific Drilling

Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well 314H - Slot 5
Project:	Nageezi Unit	TVD Reference:	GL 6865' & RKB 26' @ 6891ft (H&P 443)
Site:	M35 2409	MD Reference:	GL 6865' & RKB 26' @ 6891ft (H&P 443)
Well:	314H	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)	
8566	92.48	134.95	4791	-1442	2774	3070	0.43	-0.39	0.19	
8660	92.35	134.89	4787	-1508	2841	3164	0.15	-0.14	-0.06	
8755	91.61	136.33	4784	-1576	2907	3258	1.70	-0.78	1.52	
8846	91.51	134.87	4781	-1641	2971	3348	1.61	-0.11	-1.60	
8943	90.44	133.59	4780	-1709	3040	3444	1.72	-1.10	-1.32	
9034	91.75	134.31	4778	-1772	3106	3535	1.64	1.44	0.79	
9125	91.91	134.25	4775	-1835	3171	3625	0.19	0.18	-0.07	
9216	91.21	132.86	4773	-1898	3237	3716	1.71	-0.77	-1.53	
9306	90.27	133.49	4772	-1959	3302	3806	1.26	-1.04	0.70	
9397	92.08	134.87	4770	-2023	3368	3896	2.50	1.99	1.52	
9486	88.99	135.45	4769	-2086	3430	3985	3.53	-3.47	0.65	
9577	88.99	135.30	4770	-2151	3494	4075	0.16	0.00	-0.16	
9669	88.89	135.07	4772	-2216	3559	4166	0.27	-0.11	-0.25	
9760	90.17	135.59	4773	-2281	3623	4257	1.52	1.41	0.57	
9852	91.07	136.32	4772	-2347	3687	4348	1.26	0.98	0.79	
9943	90.37	135.27	4771	-2412	3751	4438	1.39	-0.77	-1.15	
10,034	90.20	134.69	4770	-2476	3815	4528	0.66	-0.19	-0.64	
10,124	92.08	135.67	4768	-2540	3878	4618	2.36	2.09	1.09	
10,215	92.25	135.50	4765	-2605	3942	4708	0.26	0.19	-0.19	
10,306	92.35	134.97	4761	-2670	4006	4798	0.59	0.11	-0.58	
10,396	92.92	134.75	4757	-2733	4070	4887	0.68	0.63	-0.24	
10,488	93.59	135.73	4752	-2798	4134	4979	1.29	0.73	1.07	
10,578	92.72	135.55	4747	-2863	4197	5068	0.99	-0.97	-0.20	
10,669	92.68	135.32	4743	-2927	4261	5158	0.26	-0.04	-0.25	
10,759	89.80	136.63	4741	-2992	4324	5247	3.52	-3.20	1.46	
10,850	89.66	136.47	4741	-3058	4386	5337	0.23	-0.15	-0.18	
10,941	89.43	136.14	4742	-3124	4449	5427	0.44	-0.25	-0.36	
11,034	89.70	135.82	4743	-3191	4514	5520	0.45	0.29	-0.34	
11,125	89.87	135.69	4743	-3256	4577	5610	0.24	0.19	-0.14	
11,215	88.96	134.89	4744	-3320	4640	5699	1.35	-1.01	-0.89	
11,306	91.01	135.96	4744	-3385	4704	5789	2.54	2.25	1.18	
11,397	91.01	134.87	4742	-3450	4768	5880	1.20	0.00	-1.20	
11,489	92.28	134.95	4740	-3514	4833	5971	1.38	1.38	0.09	
11,579	93.26	134.87	4735	-3578	4897	6060	1.09	1.09	-0.09	
11,670	91.71	134.55	4731	-3642	4962	6151	1.74	-1.70	-0.35	
11,760	91.98	134.37	4729	-3705	5026	6240	0.36	0.30	-0.20	
11,851	92.35	134.22	4725	-3768	5091	6331	0.44	0.41	-0.16	
11,942	91.58	132.80	4722	-3831	5157	6421	1.77	-0.85	-1.56	
12,033	92.01	132.69	4719	-3893	5224	6512	0.49	0.47	-0.12	
12,125	91.85	132.02	4716	-3955	5292	6604	0.75	-0.17	-0.73	



Scientific Drilling

Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well 314H - Slot 5
Project:	Nageezi Unit	TVD Reference:	GL 6865' & RKB 26' @ 6891ft (H&P 443)
Site:	M35 2409	MD Reference:	GL 6865' & RKB 26' @ 6891ft (H&P 443)
Well:	314H	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)	
12,216	89.83	132.80	4715	-4016	5359	6694	2.38	-2.22	0.86	
12,308	90.81	134.50	4714	-4080	5425	6786	2.13	1.07	1.85	
12,400	90.94	133.97	4713	-4144	5491	6877	0.59	0.14	-0.58	
12,491	90.37	135.61	4712	-4208	5556	6968	1.91	-0.63	1.80	
12,583	90.27	135.34	4711	-4273	5620	7059	0.31	-0.11	-0.29	
12,672	91.04	135.06	4710	-4337	5683	7147	0.92	0.87	-0.31	
12,764	89.77	135.95	4710	-4402	5747	7239	1.69	-1.38	0.97	
12,855	90.34	136.02	4709	-4468	5811	7329	0.63	0.63	0.08	
12,945	90.44	135.18	4709	-4532	5874	7418	0.94	0.11	-0.93	
13,035	89.63	135.58	4709	-4596	5937	7508	1.00	-0.90	0.44	
13,126	90.84	135.70	4708	-4661	6001	7598	1.34	1.33	0.13	
13,217	90.00	134.16	4708	-4725	6065	7688	1.93	-0.92	-1.69	
13,308	90.67	134.31	4707	-4789	6130	7779	0.75	0.74	0.16	
13,398	92.15	135.09	4705	-4852	6194	7868	1.86	1.64	0.87	
13,488	93.19	135.12	4701	-4916	6258	7957	1.16	1.16	0.03	
13,549	93.46	134.76	4697	-4959	6301	8018	0.74	0.44	-0.59	
13,600	93.46	134.76	4694	-4995	6337	8069	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	
314H Toe Rev 2	0.00	0.00	4752	-5000	6318	1,910,215.72	2,749,112.87	36.24974000	-107.74508160	
- hit/miss target										
- Shape										
- actual wellpath misses target center by 59ft at 13587ft MD (4695 TVD, -4985 N, 6327 E)										
- Circle (radius 100)										
314H 85° Casing Rev 2	0.00	0.00	4824	901	438	1,916,111.94	2,743,228.48	36.26595042	-107.76502458	
- actual wellpath misses target center by 38ft at 5248ft MD (4852 TVD, 923 N, 451 E)										
- Point										
314H Heel Rev 2	0.00	0.00	4839	753	603	1,915,964.18	2,743,393.57	36.26554420	-107.76446490	
- actual wellpath misses target center by 31ft at 5477ft MD (4853 TVD, 772 N, 623 E)										
- Circle (radius 50)										



Scientific Drilling

Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well 314H - Slot 5
Project:	Nageezi Unit	TVD Reference:	GL 6865' & RKB 26' @ 6891ft (H&P 443)
Site:	M35 2409	MD Reference:	GL 6865' & RKB 26' @ 6891ft (H&P 443)
Well:	314H	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	-3	First Surface MWD Survey	
4562	4383	1119	72	Last Surface MWD Survey	
4657	4474	1125	98	First Curve MWD Survey	
5287	4856	898	481	Last Curve MWD Survey	
5363	4858	848	538	First Lateral MWD Survey	
13,549	4697	-4959	6301	Last Lateral MWD Survey	
13,600	4694	-4995	6337	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 103977

ACKNOWLEDGMENTS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 103977
	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 103977

CONDITIONS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 103977
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	RT EXPIRES 9/12/2022	6/30/2022