

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 30-045-38245	⁵ Pool Name Nageezi Unit; Mancos (Oil)		⁶ Pool Code 98080
⁷ Property Code 325268	⁸ Property Name Nageezi Unit		⁹ Well Number 633H

II. ¹⁰ Surface Location

Ul or lot no. H	Section 33	Township 24N	Range 09W	Lot Idn	Feet from the 1363'	North/South Line North	Feet from the 562'	East/West line East	County San Juan
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¹¹ Bottom Hole Location

UL or lot no. A G	Section 03	Township 23N	Range 09W	Lot Idn	Feet from the 1647'	North/South line North	Feet from the 2014'	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 10/21/21	²² Ready Date 06/04/22	²³ TD 11,697' MD 5,077' TVD	²⁴ PBTD 11,678' MD 5,077' TVD	²⁵ Perforations 5,763'-11,623' MD 5,077'- 5,164' TVD Frac Sleeve @ 11,657'	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set	³⁰ Sacks Cement
12.25		9.625" 36# J55		377'	109
8.75		7" 26# J55		5,529'	634
6.125		4.5" 11.6# P110		TOL: 5,357' BOL: 11,692'	553

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>6/8/2022</i>		
E-mail Address: sford@djrlc.com			<i>RT EXPIRES 9/4/2022</i>		
Date: 05/02/22		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 30-045-38245	² Pool Code 98080	³ Pool Name NAGEEZI UNIT MANCOS OIL POOL
⁴ Property Code 325268	⁵ Property Name NAGEEZI UNIT	⁶ Well Number 633H
⁷ GRID No. 371838	⁸ Operator Name DJR OPERATING, LLC	⁹ Elevation 6876'

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
H	33	24N	9W		1363'	NORTH	562'	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
G	3	23N	9W		1647'	NORTH	2014'	EAST	SAN JUAN

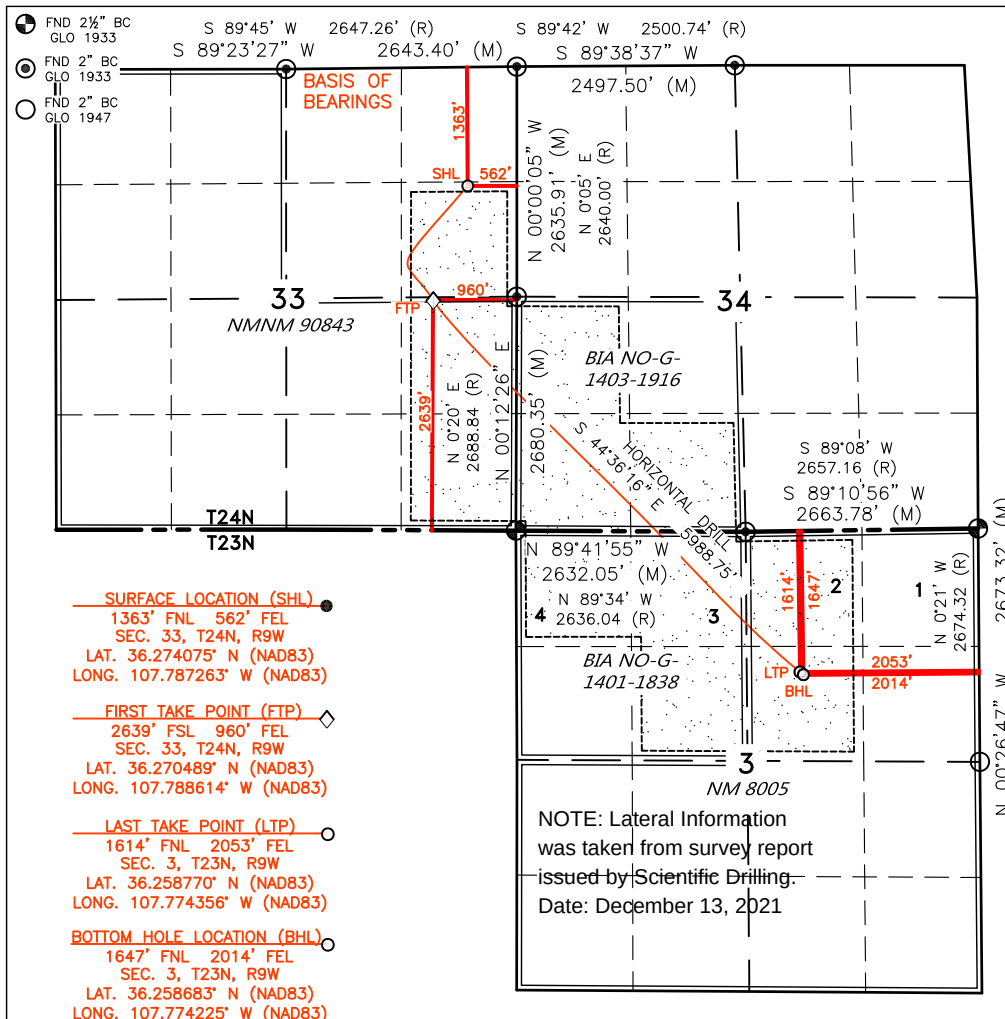
¹² Dedicated Acres PENETRATED SPACING UNIT;
SEC 33: SE/NE, NE/SE & SE/SE (120 AC.); SEC 34:
NW/SW, SW/SW & SE/SW (120 AC.); SEC 3: NW/NW,
NE/NW, SE/NW, NW/NE & SW/NE (202.61 AC.); =
442.61 ACRES TOTAL

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 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 05/02/22
Signature Date

Shaw-Marie Ford
Printed Name

sford@djrlc.com
E-mail Address

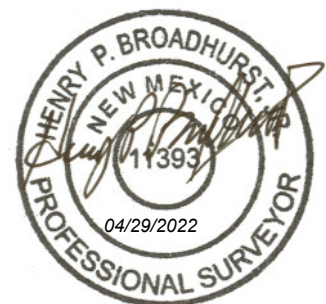
SURVEYOR CERTIFICATION

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 28, 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 H33 2409 633H
County & State	San Juan, NM
SDI Job No.	OP.031539
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 452 feet to a measured depth of 11,697 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

13-Dec-21

Date

Janie Collins

Contract Well Planner
Scientific Drilling International



DJR

**Nageezi Unit
H33 2409 Pad
#633H**

End of Well Report



www.scientificdrilling.com





Company Name: DJR Operating
Project: Nageezi Unit
Site: H33 2409
Well: 633H
Wellbore: Original Drilling

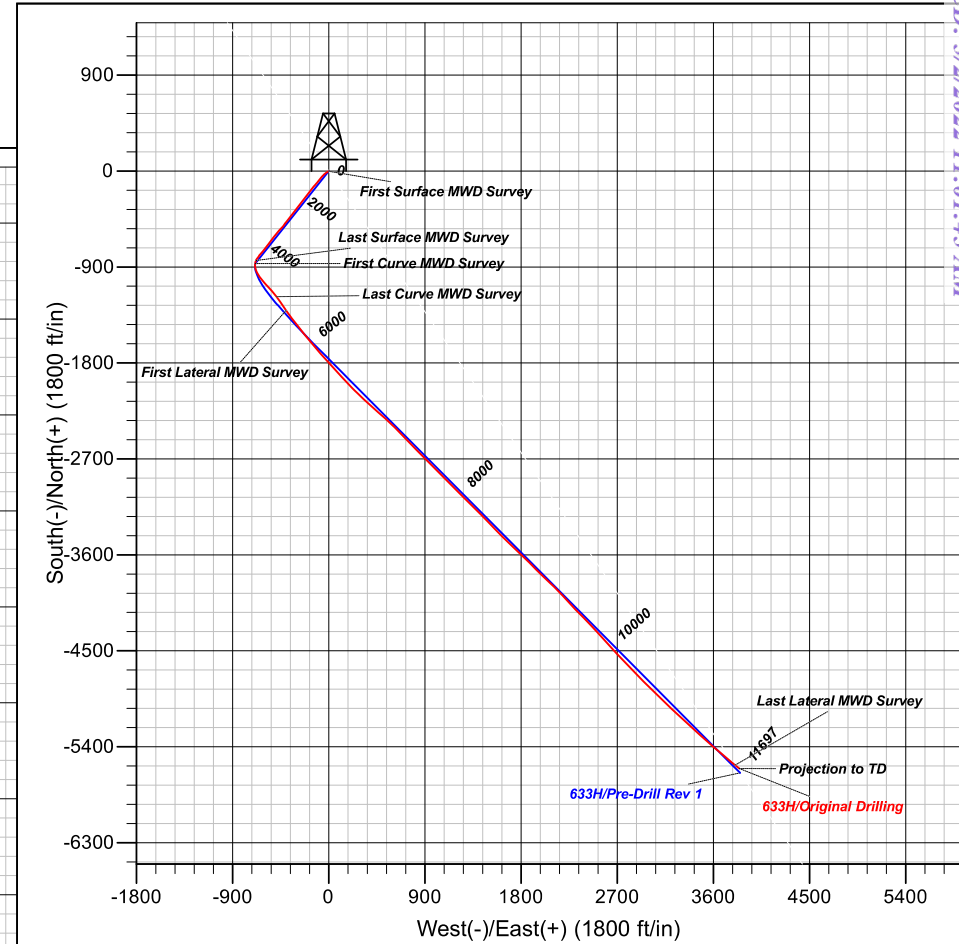
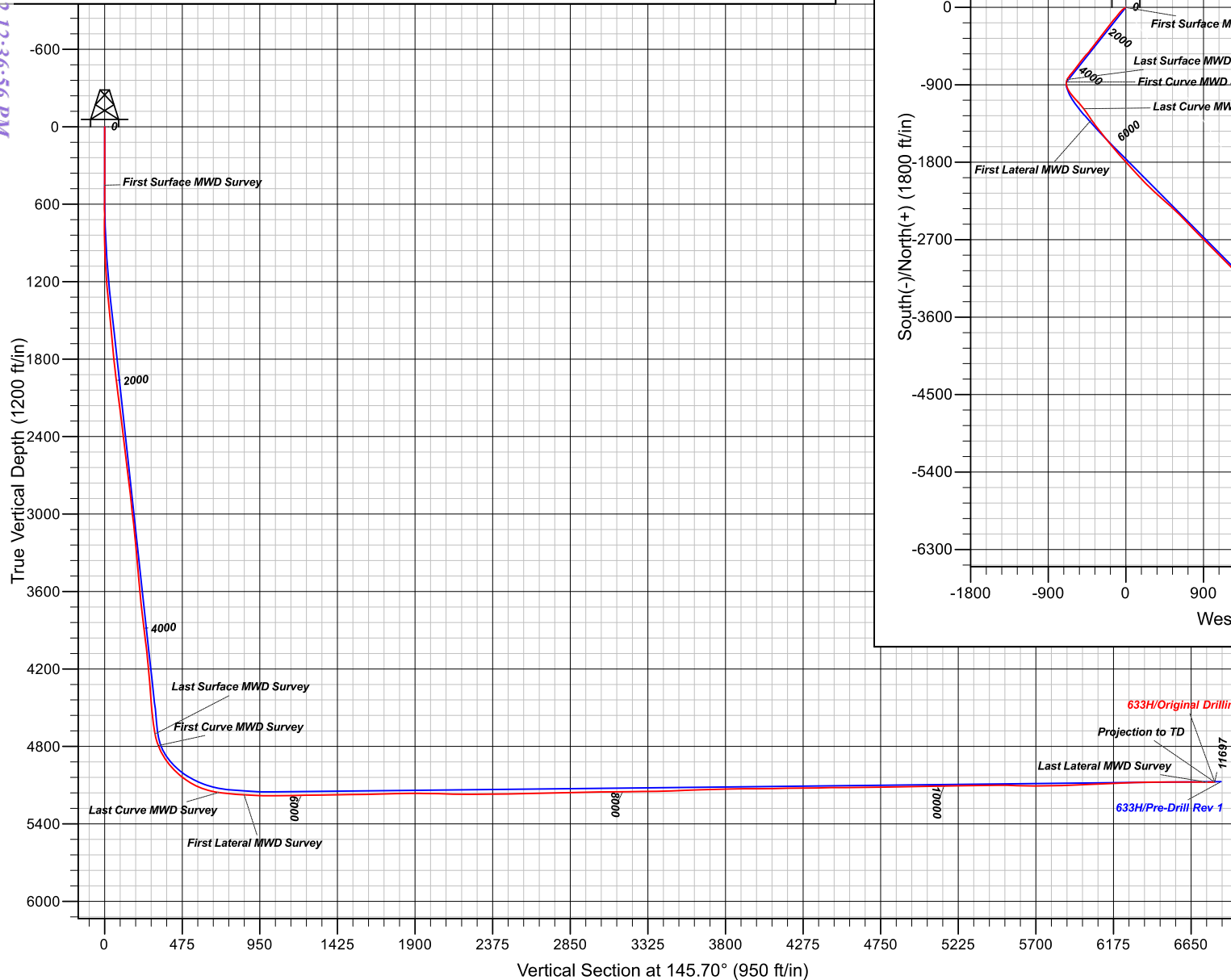


WELL DETAILS: 633H

GL 6877' & RKB 26' @ 6903ft (H&P 443) 6877

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0	0	1919065.61	2736671.38	36.27407500	-107.78726300

1



Design: Original Drilling (633H/Original Drilling)
Created By: Janie Collins Date: 8:46, December 13 2021

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

H33 2409

633H - Slot 1

Original Drilling

Design: Original Drilling

Standard Survey Report

13 December, 2021



www.scientificdrilling.com



Scientific Drilling

Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well 633H - Slot 1
Project:	Nageezi Unit	TVD Reference:	GL 6877' & RKB 26' @ 6903ft (H&P 443)
Site:	H33 2409	MD Reference:	GL 6877' & RKB 26' @ 6903ft (H&P 443)
Well:	633H	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		H33 2409			
Site Position:		Northing:		1,919,065.61 usft	
From:		Easting:		2,736,671.38 usft	
Position Uncertainty:		Slot Radius:		Grid Convergence:	
Lat/Long		0 ft		36.27407500	
		13.20 in		-107.78726300	
				0.03 °	

Well		633H - Slot 1				
Well Position	+N/-S	0 ft	Northing:	1,919,065.61 usft	Latitude:	36.27407500
	+E/-W	0 ft	Easting:	2,736,671.38 usft	Longitude:	-107.78726300
Position Uncertainty		0 ft	Wellhead Elevation:	ft	Ground Level:	6877 ft

Wellbore	Original Drilling				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM2021_FILE	12/1/2021	8.63	62.75	49,223.80000000

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	145.70	

Survey Program	Date	12/13/2021			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
452	4847	Survey #1 - Surface MWD Survey (Origin	MWD+HDGM	OWSG MWD + HDGM	
4942	5554	Survey #2 - Curve MWD Survey (Original	MWD+HDGM	OWSG MWD + HDGM	
5649	11,697	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	
452	0.62	237.67	452	-1	-2	0	0.14	0.14	0.00	
542	2.66	241.41	542	-3	-4	0	2.27	2.27	4.16	
635	4.52	234.05	635	-6	-9	0	2.06	2.00	-7.91	
728	5.90	237.93	727	-10	-16	0	1.53	1.48	4.17	
821	7.41	236.44	820	-16	-25	-1	1.63	1.62	-1.60	
912	9.39	229.66	910	-24	-36	0	2.43	2.18	-7.45	
1004	11.11	223.49	1000	-36	-48	3	2.22	1.87	-6.71	



Scientific Drilling

Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well 633H - Slot 1
Project:	Nageezi Unit	TVD Reference:	GL 6877' & RKB 26' @ 6903ft (H&P 443)
Site:	H33 2409	MD Reference:	GL 6877' & RKB 26' @ 6903ft (H&P 443)
Well:	633H	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	11.28	221.59	1091	-49	-60	7	0.44	0.18	-2.07	
1189	13.08	223.46	1181	-63	-73	11	1.98	1.94	2.01	
1281	14.48	217.52	1271	-80	-87	17	2.16	1.52	-6.46	
1373	13.78	215.97	1360	-98	-101	24	0.86	-0.76	-1.68	
1466	15.63	220.74	1450	-116	-115	31	2.38	1.99	5.13	
1557	15.12	219.80	1538	-135	-131	38	0.62	-0.56	-1.03	
1648	16.28	222.89	1625	-153	-147	44	1.57	1.27	3.40	
1737	14.79	221.35	1711	-171	-163	49	1.74	-1.67	-1.73	
1829	15.71	216.96	1800	-190	-178	56	1.60	1.00	-4.77	
1920	15.05	215.16	1888	-209	-193	64	0.90	-0.73	-1.98	
2015	16.76	216.69	1979	-230	-208	73	1.85	1.80	1.61	
2110	16.72	215.70	2070	-252	-224	82	0.30	-0.04	-1.04	
2205	16.77	214.37	2161	-275	-240	92	0.41	0.05	-1.40	
2300	16.41	219.44	2252	-296	-256	101	1.57	-0.38	5.34	
2395	17.03	217.78	2343	-318	-273	109	0.82	0.65	-1.75	
2490	17.87	218.17	2434	-340	-291	117	0.89	0.88	0.41	
2584	18.89	218.07	2523	-364	-309	126	1.09	1.09	-0.11	
2680	17.65	218.38	2614	-387	-327	135	1.30	-1.29	0.32	
2775	17.25	218.15	2705	-410	-345	144	0.43	-0.42	-0.24	
2869	17.16	217.71	2794	-431	-362	152	0.17	-0.10	-0.47	
2964	15.63	218.02	2885	-453	-379	161	1.61	-1.61	0.33	
3059	14.84	216.66	2977	-473	-394	168	0.91	-0.83	-1.43	
3154	15.68	217.83	3069	-492	-409	176	0.94	0.88	1.23	
3250	15.57	216.38	3161	-513	-425	185	0.42	-0.11	-1.51	
3344	15.88	221.29	3252	-533	-441	192	1.45	0.33	5.22	
3439	15.07	220.82	3343	-552	-457	198	0.86	-0.85	-0.49	
3534	15.31	221.21	3435	-571	-474	205	0.27	0.25	0.41	
3629	15.14	220.74	3527	-590	-490	211	0.22	-0.18	-0.49	
3723	15.04	221.15	3617	-608	-506	217	0.16	-0.11	0.44	
3818	16.25	217.61	3709	-628	-522	224	1.62	1.27	-3.73	
3913	15.25	217.29	3800	-648	-538	233	1.06	-1.05	-0.34	
4008	15.74	215.18	3892	-669	-553	241	0.79	0.52	-2.22	
4103	15.12	214.49	3983	-690	-567	250	0.68	-0.65	-0.73	
4197	16.35	218.73	4074	-710	-582	258	1.79	1.31	4.51	
4292	14.48	217.44	4165	-730	-598	266	2.00	-1.97	-1.36	
4387	14.77	222.29	4257	-748	-613	272	1.32	0.31	5.11	
4482	13.55	221.97	4350	-765	-629	278	1.29	-1.28	-0.34	
4577	12.73	218.76	4442	-782	-643	284	1.16	-0.86	-3.38	
4671	14.63	217.22	4533	-799	-657	290	2.06	2.02	-1.64	
4767	15.30	214.14	4626	-820	-671	299	1.08	0.70	-3.21	



Scientific Drilling

Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well 633H - Slot 1
Project:	Nageezi Unit	TVD Reference:	GL 6877' & RKB 26' @ 6903ft (H&P 443)
Site:	H33 2409	MD Reference:	GL 6877' & RKB 26' @ 6903ft (H&P 443)
Well:	633H	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)
4847	15.27	202.34	4703	-838	-681	309	3.88	-0.04	-14.75
4942	22.20	188.78	4793	-867	-689	329	8.57	7.29	-14.27
5037	28.19	170.75	4879	-907	-688	362	10.18	6.31	-18.98
5132	34.84	151.57	4960	-954	-671	410	12.59	7.00	-20.19
5227	44.88	144.00	5033	-1005	-638	470	11.72	10.57	-7.97
5322	55.62	136.75	5094	-1061	-592	543	12.72	11.31	-7.63
5417	70.27	137.33	5137	-1122	-534	626	15.43	15.42	0.61
5492	79.52	143.24	5157	-1178	-488	698	14.49	12.33	7.88
5554	83.65	145.21	5166	-1228	-452	759	7.37	6.66	3.18
5649	85.51	145.13	5175	-1305	-398	854	1.96	1.96	-0.08
5742	87.79	143.79	5180	-1381	-344	947	2.84	2.45	-1.44
5836	90.87	141.70	5181	-1456	-287	1041	3.96	3.28	-2.22
5929	90.64	141.14	5180	-1528	-229	1133	0.65	-0.25	-0.60
6023	91.81	140.62	5178	-1601	-170	1227	1.36	1.24	-0.55
6117	90.47	139.59	5176	-1673	-110	1321	1.80	-1.43	-1.10
6211	91.21	138.62	5175	-1744	-48	1414	1.30	0.79	-1.03
6304	90.23	137.50	5174	-1814	14	1506	1.60	-1.05	-1.20
6398	91.98	137.54	5172	-1883	77	1599	1.86	1.86	0.04
6489	91.87	136.72	5169	-1950	139	1689	0.91	-0.12	-0.90
6580	92.11	136.12	5166	-2016	202	1779	0.71	0.26	-0.66
6670	90.33	134.66	5164	-2080	265	1867	2.56	-1.98	-1.62
6761	89.00	132.72	5164	-2142	331	1956	2.58	-1.46	-2.13
6852	88.43	132.33	5166	-2204	398	2045	0.76	-0.63	-0.43
6942	88.13	131.13	5169	-2264	465	2132	1.37	-0.33	-1.33
7032	89.23	132.62	5171	-2324	532	2220	2.06	1.22	1.66
7123	90.33	132.87	5171	-2386	599	2308	1.24	1.21	0.27
7215	91.51	137.21	5170	-2451	664	2399	4.89	1.28	4.72
7306	91.34	136.43	5168	-2517	726	2489	0.88	-0.19	-0.86
7396	91.95	135.81	5165	-2582	789	2577	0.97	0.68	-0.69
7486	91.74	135.65	5162	-2646	851	2666	0.29	-0.23	-0.18
7577	90.94	134.50	5160	-2711	916	2755	1.54	-0.88	-1.26
7667	91.34	134.65	5158	-2774	980	2844	0.47	0.44	0.17
7758	91.81	136.31	5156	-2839	1043	2933	1.90	0.52	1.82
7849	91.34	135.71	5153	-2904	1107	3023	0.84	-0.52	-0.66
7939	91.11	135.34	5151	-2968	1170	3111	0.48	-0.26	-0.41
8030	90.84	134.77	5150	-3033	1234	3201	0.69	-0.30	-0.63
8121	90.20	134.46	5149	-3097	1299	3290	0.78	-0.70	-0.34
8212	91.78	133.77	5147	-3160	1364	3379	1.89	1.74	-0.76
8303	92.58	136.06	5144	-3224	1428	3468	2.66	0.88	2.52
8394	92.91	136.68	5139	-3290	1491	3558	0.77	0.36	0.68



Scientific Drilling

Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well 633H - Slot 1
Project:	Nageezi Unit	TVD Reference:	GL 6877' & RKB 26' @ 6903ft (H&P 443)
Site:	H33 2409	MD Reference:	GL 6877' & RKB 26' @ 6903ft (H&P 443)
Well:	633H	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)	
8484	92.01	135.38	5136	-3355	1554	3647	1.76	-1.00	-1.44	
8574	91.68	134.93	5133	-3418	1617	3735	0.62	-0.37	-0.50	
8666	91.94	134.75	5130	-3483	1682	3826	0.34	0.28	-0.20	
8756	90.54	133.63	5128	-3546	1747	3914	1.99	-1.56	-1.24	
8847	89.90	134.01	5128	-3609	1812	4003	0.82	-0.70	0.42	
8939	91.84	135.09	5126	-3674	1878	4093	2.41	2.11	1.17	
9029	91.04	134.61	5124	-3737	1942	4181	1.04	-0.89	-0.53	
9120	90.97	134.05	5122	-3801	2007	4271	0.62	-0.08	-0.62	
9210	90.87	133.46	5121	-3863	2072	4359	0.66	-0.11	-0.66	
9302	90.87	136.10	5119	-3928	2137	4449	2.87	0.00	2.87	
9392	90.10	136.94	5119	-3993	2199	4538	1.27	-0.86	0.93	
9483	91.58	137.16	5117	-4060	2261	4628	1.64	1.63	0.24	
9574	90.60	135.71	5116	-4125	2324	4717	1.92	-1.08	-1.59	
9664	91.37	136.33	5114	-4190	2386	4806	1.10	0.86	0.69	
9755	91.54	136.56	5112	-4256	2449	4896	0.31	0.19	0.25	
9846	90.90	136.64	5110	-4322	2511	4986	0.71	-0.70	0.09	
9938	91.31	137.62	5108	-4390	2574	5077	1.15	0.45	1.07	
10,028	91.00	137.77	5106	-4456	2635	5166	0.38	-0.34	0.17	
10,119	91.41	137.25	5104	-4523	2696	5256	0.73	0.45	-0.57	
10,210	91.64	137.70	5102	-4590	2757	5346	0.56	0.25	0.49	
10,302	90.00	137.18	5101	-4658	2820	5437	1.87	-1.78	-0.57	
10,392	88.93	135.05	5101	-4723	2882	5526	2.65	-1.19	-2.37	
10,482	88.09	134.30	5104	-4786	2946	5614	1.25	-0.93	-0.83	
10,572	89.87	134.06	5105	-4849	3011	5702	2.00	1.98	-0.27	
10,664	90.23	133.62	5105	-4913	3077	5792	0.62	0.39	-0.48	
10,754	93.12	133.89	5103	-4975	3142	5880	3.23	3.21	0.30	
10,844	93.39	133.90	5098	-5037	3207	5968	0.30	0.30	0.01	
10,934	93.21	134.08	5092	-5100	3271	6056	0.28	-0.20	0.20	
11,025	93.02	133.16	5087	-5162	3337	6145	1.03	-0.21	-1.01	
11,116	92.98	132.78	5083	-5224	3404	6234	0.42	-0.04	-0.42	
11,207	92.18	132.58	5079	-5286	3470	6322	0.91	-0.88	-0.22	
11,301	90.20	130.78	5077	-5348	3541	6413	2.85	-2.11	-1.91	
11,395	90.07	130.39	5076	-5409	3612	6504	0.44	-0.14	-0.41	
11,489	90.07	130.01	5076	-5470	3684	6595	0.40	0.00	-0.40	
11,584	89.93	129.95	5076	-5531	3757	6686	0.16	-0.15	-0.06	
11,647	89.33	129.08	5077	-5571	3805	6747	1.68	-0.95	-1.38	
11,697	89.33	129.08	5077	-5603	3844	6795	0.00	0.00	0.00	



Scientific Drilling

Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well 633H - Slot 1
Project:	Nageezi Unit	TVD Reference:	GL 6877' & RKB 26' @ 6903ft (H&P 443)
Site:	H33 2409	MD Reference:	GL 6877' & RKB 26' @ 6903ft (H&P 443)
Well:	633H	North Reference:	True
Wellbore:	Original Drilling	Survey Calculation Method:	Minimum Curvature
Design:	Original Drilling	Database:	Grand Junction

Design Targets									
Target Name									
- hit/miss target	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- Shape	(°)	(°)	(ft)	(ft)	(ft)	(usft)	(usft)		
633H Toe	0.00	0.00	5072	-5645	3851	1,913,422.64	2,740,525.11	36.25856760	-107.77420060
- actual wellpath misses target center by 43ft at 11697ft MD (5077 TVD, -5603 N, 3844 E)									
- Circle (radius 100)									
633H 85° Casing	0.00	0.00	5137	-1260	-474	1,917,805.25	2,736,197.82	36.27061331	-107.78887156
- actual wellpath misses target center by 47ft at 5565ft MD (5167 TVD, -1237 N, -446 E)									
- Point									
633H Heel	0.00	0.00	5152	-1457	-301	1,917,608.76	2,736,370.76	36.27007330	-107.78828520
- actual wellpath misses target center by 32ft at 5828ft MD (5181 TVD, -1449 N, -292 E)									
- Circle (radius 50)									

Design Annotations					
Measured Depth	Vertical Depth	Local Coordinates			
(ft)	(ft)	+N/-S (ft)	+E/-W (ft)	Comment	
452	452	-1	-2	First Surface MWD Survey	
4847	4703	-838	-681	Last Surface MWD Survey	
4942	4793	-867	-689	First Curve MWD Survey	
5492	5157	-1178	-488	Last Curve MWD Survey	
5649	5175	-1305	-398	First Lateral MWD Survey	
11,647	5077	-5571	3805	Last Lateral MWD Survey	
11,697	5077	-5603	3844	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) 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

ACKNOWLEDGMENTS

Action 103162

ACKNOWLEDGMENTS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 103162
	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 103162

CONDITIONS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 103162
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	RT EXPIRES 9/4/2022.	6/8/2022