

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

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 – 35878	⁵ Pool Name Bisti Lower-Gallup (O)		⁶ Pool Code 5890
⁷ Property Code 322323	⁸ Property Name Carson		⁹ Well Number 615H

II. 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	21	25N	12W		572	South	790	West	San Juan

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	17	25N	12W		373	South	228	West	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	O
	15 Smith Road, Suite 1000, Midland, TX 79705	
151618	Enterprise Field Services, LLC	G
	Post Office Box 4324, Houston, TX 77210	
	~During flowback, gas will be routed to a properly sized controlled combustion device with a continuous pilot and flared until pipeline specifications are met~	

IV. Well Completion Data

²¹ Spud Date 06/11/2019	²² Ready Date 07/24/2023	²³ TD 12,197’ MD 4,885’ TVD	²⁴ PBTD 12,192’ MD 4,885’ TVD	²⁵ Perforations 5,528’ – 9,012’ MD 4,814’ – 4,885’ TVD Frac Sleeve @ 12,135’	²⁶ DHC, MC NSL-8237
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
12.25	9.625” 36# J55	373’	109		
8.75	7” 26# J55	5,150’	599		
6.125	4.5” 11.6# P110	TOL: 4,800’ BOL: 12,192’	725		

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>7/13/2023</i>	
E-mail Address: sford@djrlle.com		<i>RT EXPIRES 10/13/2023</i>	
Date: 05/23/23	Phone: 505-716-3297		

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		³ Reason for Filing Code/ Effective Date RT	
⁴ API Number 30 – 045 – 35878	⁵ Pool Name Basin Mancos		⁶ Pool Code 97232
⁷ Property Code 322323	⁸ Property Name Carson		⁹ Well Number 615H

II. 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	21	25N	12W		572	South	790	West	San Juan

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Printed name: Shaw-Marie Ford		Title: <i>PETROLEUM SPECIALIST</i>	
Title: Regulatory Specialist		Approval Date: <i>7/13/2023</i>	
E-mail Address: sford@djrlc.com		<i>RT EXPIRES 10/13/2023</i>	
Date: 05/23/23	Phone: 505-716-3297		

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

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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, N.M. 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, N.M. 87505

Form C-102

Revised August 1, 2011

Submit one copy to appropriate
District Office

As-Drilled

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-35878	² Pool Code 5890	³ Pool Name BISTI LOWER-GALLUP (O)
⁴ Property Code	⁵ Property Name Carson Unit	⁶ Well Number 615H
⁷ GRID No. 371838	⁸ Operator Name DJR Operating, LLC	⁹ Elevation 6350

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	21	25 N	12 W		572	South	790	West	San Juan

¹¹ Bottom Hole Location If Different From Surface

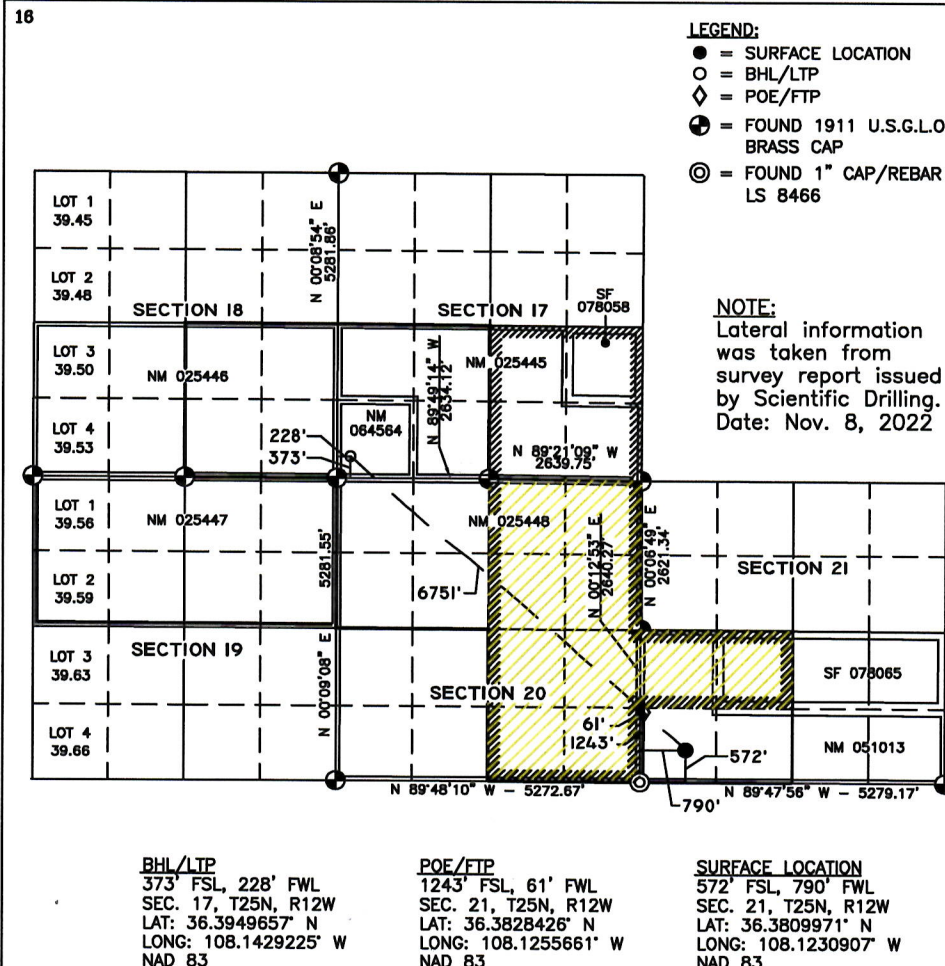
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	17	25 N	12 W		373	South	228	West	San Juan

¹² Dedicated Acres

BISTI LOWER GALLUP: SEC. 20 = E/2; SEC. 21 = N/2SW/4;
TOTAL = 400 AC.

¹³ Joint or Infill¹⁴ Consolidation Code¹⁵ Order No. **NSL-8237****R-828**

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

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 07/13/2023
Signature Date

Shaw-Marie Ford
Printed Name

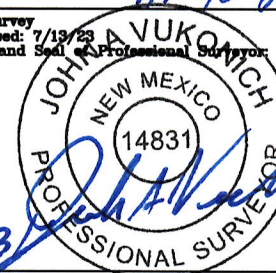
sford@djrlc.com
E-mail Address

¹⁸ 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.

8/16/18

Date of Survey
Plate Revised: 7/13/23
Signature and Seal of Professional Surveyor



Certificate Number

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State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
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Form C-102

Revised August 1, 2011

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As-Drilled

☐ AMENDED REPORT**WELL LOCATION AND ACREAGE DEDICATION PLAT**

¹ API Number 30-045-35878	² Pool Code 97232	³ Pool Name BASIN MANCOS
⁴ Property Code	⁵ Property Name Carson Unit	⁶ Well Number 615H
⁷ GRID No. 371838	⁸ Operator Name DJR Operating, LLC	⁹ Elevation 6350

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
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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
M	17	25 N	12 W		373	South	228	West	San Juan

¹² Dedicated Acres

BASIN MANCOS GAS: SEC. 18 = SE/4; SEC. 17 = SW/4;
SEC. 20 = NW/4; SEC. 21 = S/2 SW/4; TOTAL = 560 ACRES

¹³ Joint or Infill¹⁴ Consolidation Code¹⁵ Order No. **NSL-8237****R-828**

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

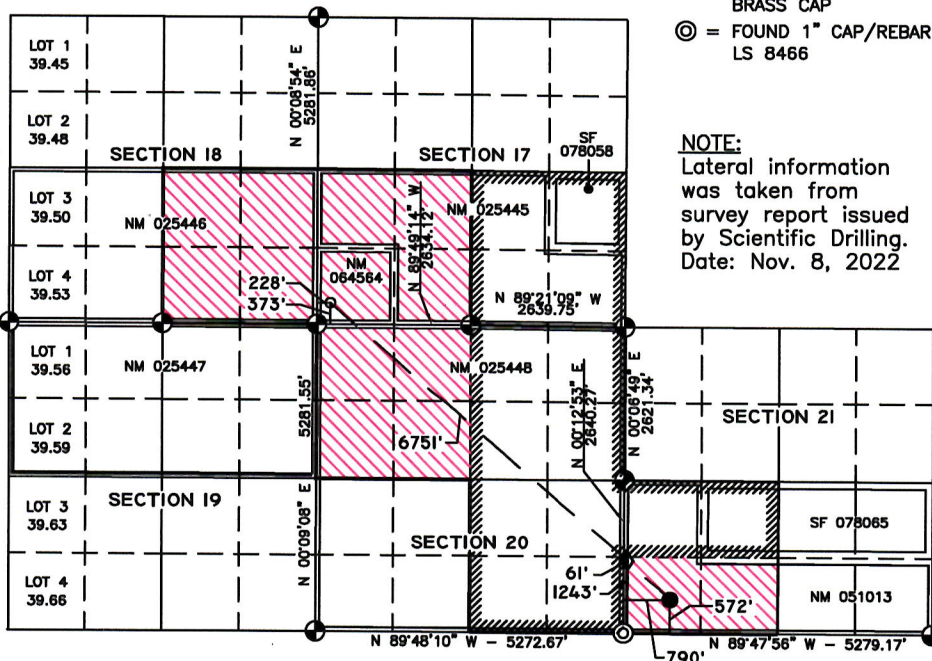
16

LEGEND:

- = SURFACE LOCATION
- ◇ = BHL/LTP
- ◇ = POE/FTP
- ⊕ = FOUND 1911 U.S.G.L.O. BRASS CAP
- ⊙ = FOUND 1" CAP/REBAR LS 8466

NOTE:

Lateral information
was taken from
survey report issued
by Scientific Drilling.
Date: Nov. 8, 2022

**BHL/LTP**

373' FSL, 228' FWL
SEC. 17, T25N, R12W
LAT: 36.3949657° N
LONG: 108.1429225° W
NAD 83

POE/FTP

1243' FSL, 61' FWL
SEC. 21, T25N, R12W
LAT: 36.3828426° N
LONG: 108.1255661° W
NAD 83

SURFACE LOCATION

572' FSL, 790' FWL
SEC. 21, T25N, R12W
LAT: 36.3809971° N
LONG: 108.1230907° W
NAD 83

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 7/13/2023
Signature Date

Shaw-Marie Ford

Printed Name

sford@djrlc.com

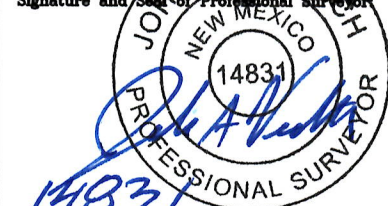
E-mail Address

18 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.

8/16/18

Date of Survey
Plats Revised: 7/13/2023
Signature and Seal of Professional Surveyor



Certificate Number

**Directional Survey Certification**

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

Operator	DJR Operating
Well Name & No.	Carson 615H Lateral
County & State	San Juan, NM
SDI Job No.	OP.036874
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 12,197 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

8-Nov-22

Date

Janie Collins

Colorado District Well Planner
Scientific Drilling International



DJR
Carson
WC 21-2
615H Lateral

End of Well Report



www.scientificdrilling.com





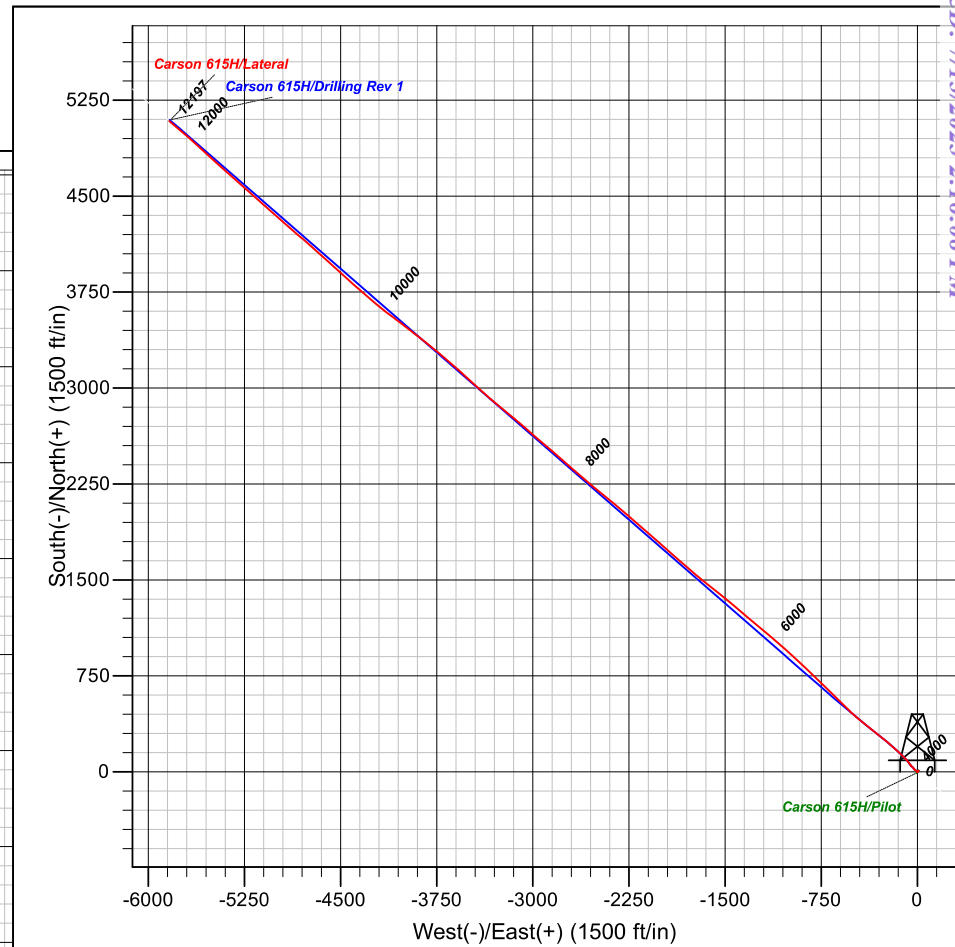
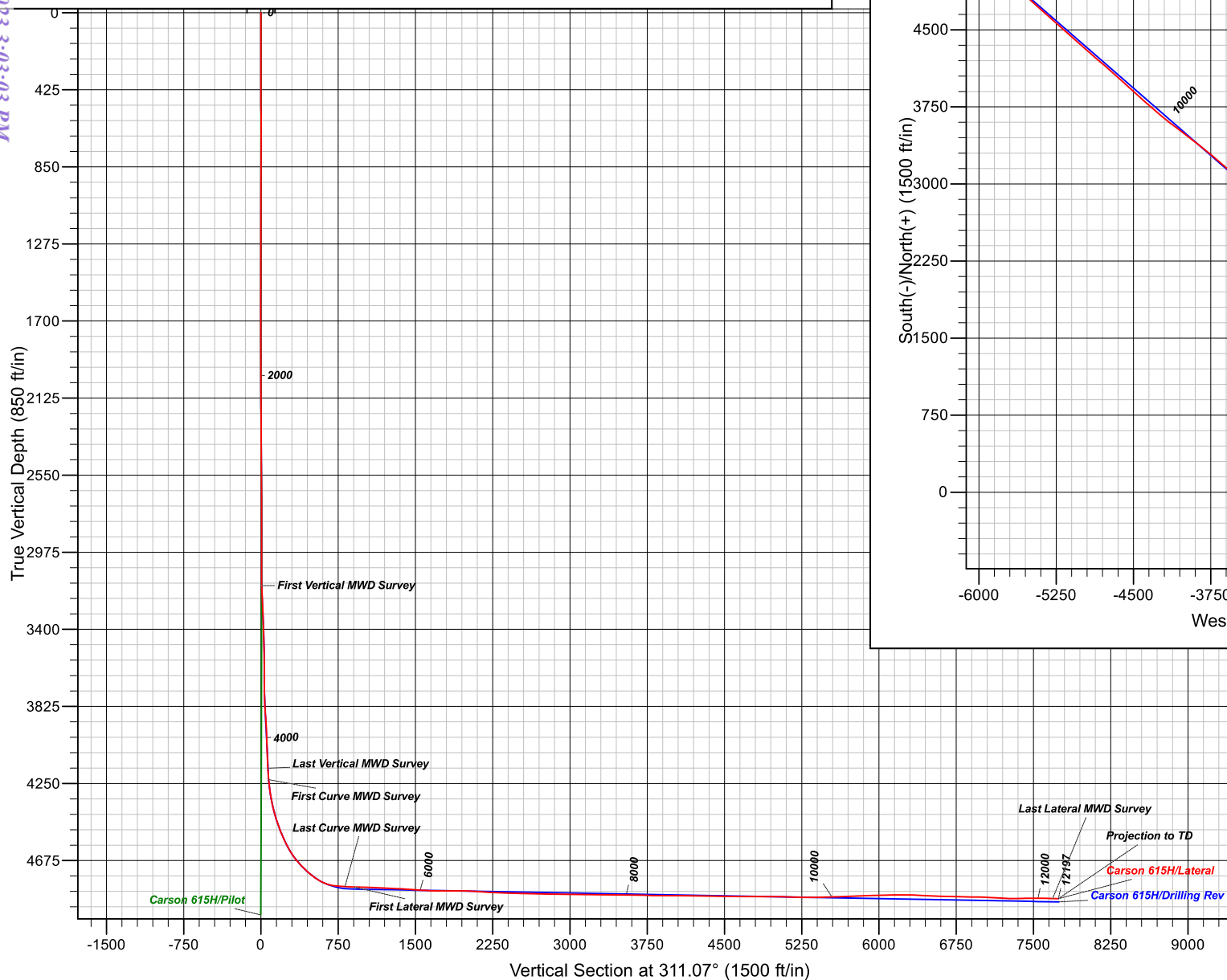
Company Name: DJR Operating
Project: Carson Unit
Site: WC 21-2
Well: Carson 615H
Wellbore: Lateral



WELL DETAILS: Carson 615H

GL 6350' & RKB 26' @ 6376ft (H&P 443) 6350

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	
0	0	1958112.92	2637799.15	36.38099715	-108.12309066	1



Design: Lateral (Carson 615H/Lateral)
Created By: Janie Collins Date: 13:00, November 08 2022

PROJECT DETAILS: Carson 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

Carson Unit

WC 21-2

Carson 615H - Slot 1

Lateral

Design: Lateral

Standard Survey Report

08 November, 2022



www.scientificdrilling.com



Scientific Drilling Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well Carson 615H - Slot 1
Project:	Carson Unit	TVD Reference:	GL 6350' & RKB 26' @ 6376ft (H&P 443)
Site:	WC 21-2	MD Reference:	GL 6350' & RKB 26' @ 6376ft (H&P 443)
Well:	Carson 615H	North Reference:	True
Wellbore:	Lateral	Survey Calculation Method:	Minimum Curvature
Design:	Lateral	Database:	Grand Junction

Project	Carson 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	WC 21-2, C Mallary		
Site Position:		Northing:	1,958,212.44 usft
From:	Lat/Long	Easting:	2,637,700.67 usft
Position Uncertainty:	0 ft	Slot Radius:	72.00 in
		Latitude:	36.38126970
		Longitude:	-108.12342620
		Grid Convergence:	-0.17 °

Well	Carson 615H - Slot 1		
Well Position	+N/-S	0 ft	Northing:
	+E/-W	0 ft	Easting:
Position Uncertainty	0 ft	Wellhead Elevation:	ft
		Latitude:	36.38099715
		Longitude:	-108.12309065
		Ground Level:	6350 ft

Wellbore	Lateral		
Magnetics	Model Name	Sample Date	Declination
			(°)
	HDGM2022	11/1/2022	8.65
			Dip Angle
			(°)
			62.70
			Field Strength
			(nT)
			49,225.70000000

Design	Lateral		
Audit Notes:			
Version:	1.0	Phase:	ACTUAL
		Tie On Depth:	3112
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W
	(ft)	(ft)	(ft)
	0	0	0
			Direction
			(°)
			311.07

Survey Program	Date	11/8/2022		
From	To	Survey (Wellbore)	Tool Name	Description
(ft)	(ft)			
12	3112	Survey #1 - MWD Survey (Pilot)	MWD+HDGM	OWSG MWD + HDGM
3159	4169	Survey #1 - Vertical MWD Survey (Lateral)	MWD+HDGM	OWSG MWD + HDGM
4232	5268	Survey #2 - Curve MWD Survey (Lateral)	MWD+HDGM	OWSG MWD + HDGM
5360	12,197	Survey #3 - Lateral MWD Survey (Lateral)	MWD+HDGM	OWSG MWD + HDGM

Survey										
Measured	Inclination	Azimuth	Vertical	+N/-S	+E/-W	Vertical	Dogleg	Build	Turn	
Depth	(°)	(°)	Depth	(ft)	(ft)	Section	Rate	Rate	Rate	
(ft)			(ft)			(ft)	(°/100usft)	(°/100usft)	(°/100usft)	
0	0.00	0.00	0	0	0	0	0.00	0.00	0.00	
12	0.00	0.00	12	0	0	0	0.00	0.00	0.00	
451	0.71	243.51	451	-1	-2	1	0.16	0.16	0.00	
512	0.84	245.65	512	-2	-3	1	0.22	0.21	3.51	
572	0.67	214.78	572	-2	-4	2	0.72	-0.28	-51.45	
634	0.65	177.03	634	-3	-4	1	0.69	-0.03	-60.89	
694	0.20	110.81	694	-3	-4	1	1.00	-0.75	-110.37	
754	0.50	46.99	754	-3	-4	1	0.75	0.50	-106.37	



Scientific Drilling

Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well Carson 615H - Slot 1
Project:	Carson Unit	TVD Reference:	GL 6350' & RKB 26' @ 6376ft (H&P 443)
Site:	WC 21-2	MD Reference:	GL 6350' & RKB 26' @ 6376ft (H&P 443)
Well:	Carson 615H	North Reference:	True
Wellbore:	Lateral	Survey Calculation Method:	Minimum Curvature
Design:	Lateral	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)	
816	0.85	35.13	816	-2	-3	1	0.60	0.56	-19.13	
879	0.95	35.40	879	-2	-3	1	0.16	0.16	0.43	
940	0.89	32.41	940	-1	-2	1	0.13	-0.10	-4.90	
1001	0.97	37.72	1001	0	-1	1	0.19	0.13	8.70	
1062	0.75	46.30	1062	1	-1	1	0.42	-0.36	14.07	
1123	0.76	44.33	1123	1	0	1	0.05	0.02	-3.23	
1184	0.60	51.92	1184	2	0	1	0.30	-0.26	12.44	
1245	0.71	48.93	1245	2	1	1	0.19	0.18	-4.90	
1305	0.72	45.48	1305	3	1	1	0.07	0.02	-5.75	
1366	0.84	48.79	1366	3	2	1	0.21	0.20	5.43	
1426	0.99	54.56	1426	4	3	1	0.29	0.25	9.62	
1486	1.08	61.53	1486	4	4	0	0.26	0.15	11.62	
1547	1.06	65.61	1547	5	5	0	0.13	-0.03	6.69	
1608	1.16	51.99	1608	6	6	-1	0.46	0.16	-22.33	
1669	1.19	60.96	1669	6	7	-1	0.31	0.05	14.70	
1730	1.01	59.15	1730	7	8	-1	0.30	-0.30	-2.97	
1791	0.71	47.90	1791	7	8	-2	0.56	-0.49	-18.44	
1851	0.55	54.61	1851	8	9	-2	0.29	-0.27	11.18	
1912	0.26	1.93	1912	8	9	-2	0.73	-0.48	-86.36	
1975	0.53	287.22	1975	8	9	-1	0.83	0.43	-118.59	
2038	0.75	270.76	2038	8	8	-1	0.45	0.35	-26.13	
2101	0.97	282.67	2101	9	7	0	0.45	0.35	18.90	
2164	0.84	267.88	2164	9	6	1	0.42	-0.21	-23.48	
2227	0.66	272.69	2227	9	6	2	0.30	-0.29	7.63	
2290	0.71	280.67	2290	9	5	2	0.17	0.08	12.67	
2353	0.92	263.54	2353	9	4	3	0.51	0.33	-27.19	
2417	0.75	268.21	2417	9	3	3	0.29	-0.27	7.30	
2480	0.68	273.75	2480	9	2	4	0.16	-0.11	8.79	
2543	0.68	277.04	2543	9	1	5	0.06	0.00	5.22	
2606	0.71	288.57	2606	9	1	5	0.23	0.05	18.30	
2669	0.80	279.55	2669	9	0	6	0.24	0.14	-14.32	
2732	0.69	277.79	2732	9	-1	7	0.18	-0.17	-2.79	
2795	0.64	276.44	2795	9	-2	7	0.08	-0.08	-2.14	
2858	0.68	224.86	2858	9	-2	8	0.91	0.06	-81.87	
2921	0.64	203.62	2921	9	-3	8	0.39	-0.06	-33.71	
2984	0.95	200.18	2984	8	-3	7	0.50	0.49	-5.46	
3047	0.96	218.95	3047	7	-3	7	0.49	0.02	29.79	
3111	1.03	217.70	3111	6	-4	7	0.11	0.11	-1.95	
3112	1.03	217.43	3112	6	-4	7	0.55	0.26	-27.01	
3159	2.81	293.94	3159	6	-5	8	5.87	3.78	162.79	
3222	4.01	300.10	3222	8	-9	12	1.99	1.90	9.78	
3286	4.37	310.45	3285	11	-13	16	1.31	0.56	16.17	
3348	4.57	312.71	3347	14	-16	21	0.43	0.32	3.65	



Scientific Drilling

Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well Carson 615H - Slot 1
Project:	Carson Unit	TVD Reference:	GL 6350' & RKB 26' @ 6376ft (H&P 443)
Site:	WC 21-2	MD Reference:	GL 6350' & RKB 26' @ 6376ft (H&P 443)
Well:	Carson 615H	North Reference:	True
Wellbore:	Lateral	Survey Calculation Method:	Minimum Curvature
Design:	Lateral	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)
3411	3.90	311.53	3410	17	-20	26	1.07	-1.06	-1.87
3475	2.95	290.59	3474	19	-23	30	2.43	-1.48	-32.72
3538	1.00	249.24	3537	19	-25	31	3.64	-3.10	-65.64
3601	1.01	249.25	3600	19	-26	32	0.02	0.02	0.02
3664	0.44	273.65	3663	19	-27	32	1.01	-0.90	38.73
3727	1.63	343.82	3726	20	-27	33	2.44	1.89	111.38
3790	4.10	334.86	3789	22	-28	36	3.97	3.92	-14.22
3853	5.71	325.42	3852	27	-31	41	2.85	2.56	-14.98
3916	5.94	317.50	3914	32	-35	48	1.33	0.37	-12.57
3979	4.95	314.29	3977	36	-39	53	1.64	-1.57	-5.10
4042	4.84	312.51	4040	40	-43	59	0.30	-0.17	-2.83
4105	4.33	312.94	4103	43	-47	64	0.81	-0.81	0.68
4169	3.86	312.73	4166	47	-50	68	0.73	-0.73	-0.33
4232	8.31	323.73	4229	52	-54	75	7.27	7.06	17.46
4295	14.43	325.25	4291	62	-62	87	9.73	9.71	2.41
4358	20.19	322.72	4351	77	-73	105	9.22	9.14	-4.02
4421	25.53	317.83	4409	96	-88	129	8.99	8.48	-7.76
4484	30.80	314.22	4464	117	-109	159	8.79	8.37	-5.73
4547	35.20	312.86	4517	141	-134	193	7.08	6.98	-2.16
4610	39.79	313.72	4567	167	-162	232	7.33	7.29	1.37
4673	45.12	311.53	4614	196	-193	274	8.78	8.46	-3.48
4737	51.58	310.26	4656	227	-229	322	10.20	10.09	-1.98
4800	58.45	308.49	4692	260	-269	374	11.14	10.90	-2.81
4862	61.86	308.95	4723	293	-311	427	5.54	5.50	0.74
4926	64.31	308.37	4752	329	-356	484	3.91	3.83	-0.91
4989	69.23	308.82	4777	365	-401	542	7.84	7.81	0.71
5052	75.47	308.99	4796	403	-448	602	9.91	9.90	0.27
5175	87.35	314.80	4814	484	-538	723	10.72	9.66	4.72
5268	87.25	314.48	4819	549	-604	816	0.36	-0.11	-0.34
5360	89.90	314.77	4821	614	-669	908	2.90	2.88	0.32
5454	88.79	314.19	4822	680	-737	1002	1.33	-1.18	-0.62
5549	88.99	314.56	4824	746	-804	1097	0.44	0.21	0.39
5642	87.65	312.66	4827	810	-872	1189	2.50	-1.44	-2.04
5735	89.03	313.37	4829	873	-940	1282	1.67	1.48	0.76
5829	88.39	311.97	4832	937	-1009	1376	1.64	-0.68	-1.49
5923	87.38	310.60	4835	999	-1079	1470	1.81	-1.07	-1.46
6017	87.82	310.48	4839	1060	-1151	1564	0.49	0.47	-0.13
6111	88.93	310.06	4842	1121	-1222	1658	1.26	1.18	-0.45
6205	90.10	310.14	4842	1181	-1294	1752	1.25	1.24	0.09
6299	90.64	310.71	4842	1242	-1366	1846	0.84	0.57	0.61
6394	89.80	310.00	4841	1304	-1438	1941	1.16	-0.88	-0.75
6487	87.88	309.41	4843	1363	-1510	2034	2.16	-2.06	-0.63
6581	87.72	308.50	4847	1422	-1583	2128	0.98	-0.17	-0.97
6675	88.09	308.13	4850	1481	-1657	2222	0.56	0.39	-0.39



Scientific Drilling

Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well Carson 615H - Slot 1
Project:	Carson Unit	TVD Reference:	GL 6350' & RKB 26' @ 6376ft (H&P 443)
Site:	WC 21-2	MD Reference:	GL 6350' & RKB 26' @ 6376ft (H&P 443)
Well:	Carson 615H	North Reference:	True
Wellbore:	Lateral	Survey Calculation Method:	Minimum Curvature
Design:	Lateral	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)
6770	88.79	310.69	4853	1541	-1730	2317	2.79	0.74	2.69
6864	89.09	310.99	4855	1602	-1801	2411	0.45	0.32	0.32
6957	88.96	310.75	4856	1663	-1871	2504	0.29	-0.14	-0.26
7051	89.46	311.45	4858	1725	-1942	2598	0.92	0.53	0.74
7145	89.43	311.91	4858	1788	-2012	2691	0.49	-0.03	0.49
7239	89.30	311.63	4860	1850	-2082	2785	0.33	-0.14	-0.30
7333	89.29	310.76	4861	1912	-2153	2879	0.93	-0.01	-0.93
7427	89.43	310.62	4862	1973	-2224	2973	0.21	0.15	-0.15
7521	89.73	310.18	4862	2034	-2296	3067	0.57	0.32	-0.47
7615	89.70	310.03	4863	2095	-2368	3161	0.16	-0.03	-0.16
7710	89.53	308.60	4864	2155	-2441	3256	1.52	-0.18	-1.51
7802	90.13	310.54	4864	2214	-2512	3348	2.21	0.65	2.11
7894	89.77	310.37	4864	2273	-2582	3440	0.43	-0.39	-0.18
7986	89.46	311.06	4864	2333	-2652	3532	0.82	-0.34	0.75
8076	89.29	311.08	4865	2392	-2720	3622	0.19	-0.19	0.02
8166	89.19	311.17	4867	2452	-2788	3712	0.15	-0.11	0.10
8258	88.93	310.48	4868	2512	-2857	3804	0.80	-0.28	-0.75
8350	89.83	310.78	4869	2572	-2927	3896	1.03	0.98	0.33
8441	90.20	311.49	4869	2631	-2996	3987	0.88	0.41	0.78
8533	90.00	310.61	4869	2692	-3065	4079	0.98	-0.22	-0.96
8624	89.60	309.38	4869	2750	-3135	4170	1.42	-0.44	-1.35
8716	89.50	309.89	4870	2809	-3206	4262	0.56	-0.11	0.55
8807	89.13	310.19	4871	2868	-3275	4353	0.52	-0.41	0.33
8897	89.26	310.52	4872	2926	-3344	4443	0.39	0.14	0.37
8989	89.73	313.00	4873	2987	-3412	4535	2.74	0.51	2.70
9081	89.90	312.45	4873	3050	-3480	4627	0.63	0.18	-0.60
9170	89.93	312.04	4874	3109	-3546	4716	0.46	0.03	-0.46
9260	89.93	310.87	4874	3169	-3613	4806	1.30	0.00	-1.30
9350	89.83	310.37	4874	3228	-3682	4896	0.57	-0.11	-0.56
9440	89.53	309.86	4874	3286	-3751	4986	0.66	-0.33	-0.57
9530	89.26	308.68	4875	3343	-3820	5076	1.34	-0.30	-1.31
9621	89.13	308.14	4877	3399	-3892	5167	0.61	-0.14	-0.59
9711	89.13	307.84	4878	3454	-3962	5257	0.33	0.00	-0.33
9802	90.10	306.98	4879	3510	-4035	5348	1.42	1.07	-0.95
9892	90.57	306.59	4878	3564	-4107	5437	0.68	0.52	-0.43
9983	90.97	310.56	4877	3620	-4178	5528	4.38	0.44	4.36
10,074	92.22	310.16	4874	3679	-4247	5619	1.44	1.37	-0.44
10,164	91.68	310.17	4871	3737	-4316	5709	0.60	-0.60	0.01
10,256	89.77	309.96	4870	3796	-4386	5801	2.09	-2.08	-0.23
10,347	91.44	313.37	4869	3857	-4454	5892	4.17	1.84	3.75
10,438	90.91	312.30	4867	3919	-4521	5983	1.31	-0.58	-1.18
10,528	90.81	312.51	4866	3980	-4587	6073	0.26	-0.11	0.23
10,618	90.77	312.41	4865	4040	-4654	6163	0.12	-0.04	-0.11



Scientific Drilling

Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well Carson 615H - Slot 1
Project:	Carson Unit	TVD Reference:	GL 6350' & RKB 26' @ 6376ft (H&P 443)
Site:	WC 21-2	MD Reference:	GL 6350' & RKB 26' @ 6376ft (H&P 443)
Well:	Carson 615H	North Reference:	True
Wellbore:	Lateral	Survey Calculation Method:	Minimum Curvature
Design:	Lateral	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)	
10,710	89.83	311.67	4864	4102	-4722	6255	1.30	-1.02	-0.80	
10,800	88.35	308.99	4866	4160	-4791	6345	3.40	-1.64	-2.98	
10,890	88.46	311.06	4868	4218	-4860	6435	2.30	0.12	2.30	
10,980	88.32	311.48	4871	4277	-4927	6525	0.49	-0.16	0.47	
11,071	89.20	312.18	4873	4338	-4995	6616	1.24	0.97	0.77	
11,161	89.53	311.76	4874	4398	-5062	6706	0.59	0.37	-0.47	
11,252	89.33	311.16	4875	4458	-5130	6797	0.69	-0.22	-0.66	
11,343	89.30	310.61	4876	4518	-5199	6888	0.61	-0.03	-0.60	
11,433	89.13	311.99	4877	4577	-5267	6978	1.54	-0.19	1.53	
11,523	88.62	312.54	4879	4638	-5333	7068	0.83	-0.57	0.61	
11,613	88.35	311.85	4881	4698	-5400	7158	0.82	-0.30	-0.77	
11,704	87.99	311.06	4884	4759	-5468	7249	0.95	-0.40	-0.87	
11,795	91.31	313.61	4884	4820	-5535	7340	4.60	3.65	2.80	
11,885	90.10	312.41	4883	4881	-5601	7430	1.89	-1.34	-1.33	
11,976	90.07	311.48	4883	4942	-5669	7521	1.02	-0.03	-1.02	
12,066	89.26	310.36	4884	5001	-5737	7611	1.54	-0.90	-1.24	
12,142	89.26	310.26	4885	5050	-5795	7686	0.13	0.00	-0.13	
12,197	89.26	310.26	4885	5086	-5837	7741	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	
615H heel (11.23.21)	0.00	0.00	4832	658	-742	1,958,773.31	2,637,059.04	36.38280510	-108.12561170	
- hit/miss target										
- Shape										
- actual wellpath misses target center by 22ft at 5443ft MD (4822 TVD, 672 N, -729 E)										
- Circle (radius 50)										
615H toe (11.23.21)	0.00	0.00	4903	5096	-5834	1,963,226.33	2,631,980.53	36.39499397	-108.14291320	
- actual wellpath misses target center by 21ft at 12197ft MD (4885 TVD, 5086 N, -5837 E)										
- Circle (radius 100)										
615H toe Rev 3	0.00	0.00	4903	5096	-5834	1,963,226.33	2,631,980.53	36.39499397	-108.14291320	
- actual wellpath misses target center by 21ft at 12197ft MD (4885 TVD, 5086 N, -5837 E)										
- Circle (radius 100)										



Scientific Drilling
Survey Report



Company:	DJR Operating	Local Co-ordinate Reference:	Well Carson 615H - Slot 1
Project:	Carson Unit	TVD Reference:	GL 6350' & RKB 26' @ 6376ft (H&P 443)
Site:	WC 21-2	MD Reference:	GL 6350' & RKB 26' @ 6376ft (H&P 443)
Well:	Carson 615H	North Reference:	True
Wellbore:	Lateral	Survey Calculation Method:	Minimum Curvature
Design:	Lateral	Database:	Grand Junction

Design Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
3159	3159	6	-5	First Vertical MWD Survey
4169	4166	47	-50	Last Vertical MWD Survey
4232	4229	52	-54	First Curve MWD Survey
5268	4819	549	-604	Last Curve MWD Survey
5360	4821	614	-669	First Lateral MWD Survey
12,142	4885	5050	-5795	Last Lateral MWD Survey
12,197	4885	5086	-5837	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 239896

ACKNOWLEDGMENTS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 239896
	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
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 239896

CONDITIONS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 239896
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	RT EXPIRES 10/13/2023.	7/13/2023