

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 NW	
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

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	

IV. Well Completion Data

²¹ Spud Date 06/11/2019	²² Ready Date 07/29/2023	²³ TD 12,197’ MD 4,885’ TVD	²⁴ PBTD 12,192’ MD 4,885’ TVD	²⁵ Perforations 5,134’ – 5,528’ MD 9,012’ – 12,104’ 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
		Tubing: 2.875” 6.5# L80 STC		5088’	

V. Well Test Data

³¹ Date New Oil 07/29/23	³² Gas Delivery Date 08/10/23	³³ Test Date 08/10/23	³⁴ Test Length 24	³⁵ Tbg. Pressure 452	³⁶ Csg. Pressure 978
³⁷ Choke Size 44/64	³⁸ Oil 907	³⁹ Water 798	⁴⁰ Gas 855		⁴¹ Test Method Flowing

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>12/8/2023</i>	
E-mail Address: sford@djrlc.com			
Date: 11/27/23	Phone: 505-716-3297		

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		³ Reason for Filing Code/ Effective Date NW	
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

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²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
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8.75	7” 26# J55	5,150’	599		
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	Tubing: 2.875” 6.5# L80 STC	5088’			

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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> Printed name: Shaw-Marie Ford Title: Regulatory Specialist E-mail Address: sford@djrlle.com Date: 11/27/23	OIL CONSERVATION DIVISION	
	Approved by: <i>PATRICIA MARTINEZ</i>	
	Title: <i>PETROLEUM SPECIALIST</i>	
	Approval Date: <i>12/8/2023</i>	
	Phone: 505-716-3297	

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1625 N. French Dr., Hobbs, N.M. 88240
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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

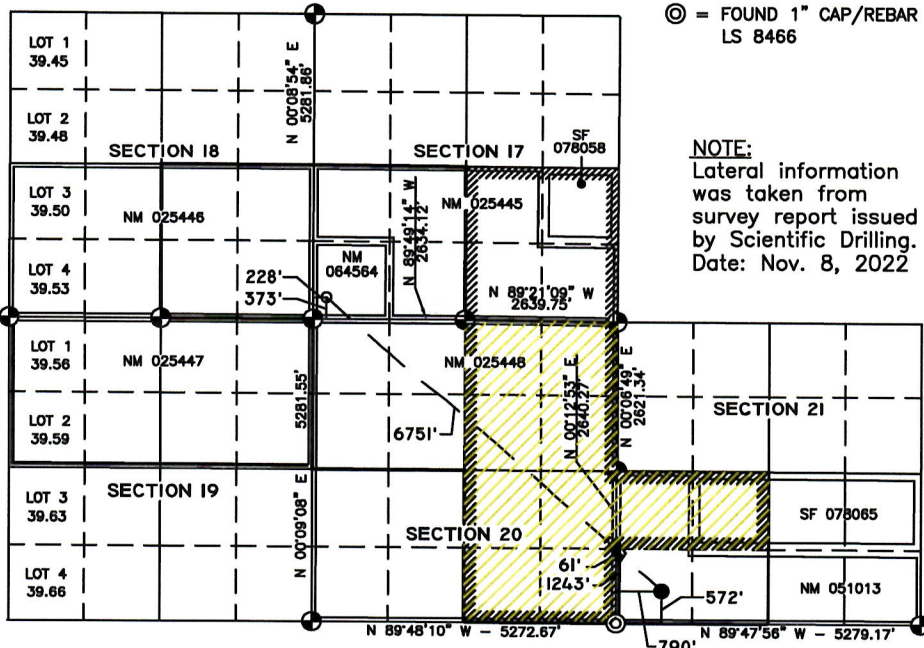
16

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 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: 7/19/23
Signature and Seal of Professional Surveyor

JOHN A. VUKOVICH
NEW MEXICO
14831
PROFESSIONAL SURVEYOR
14831
Certificate Number

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Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

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Form C-102

Revised August 1, 2011

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☐ 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

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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

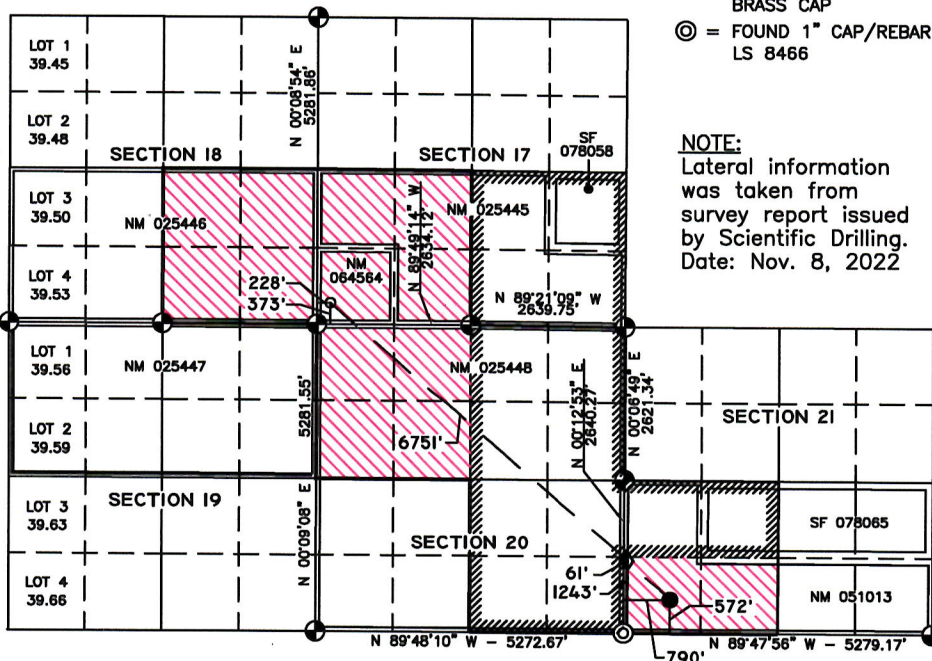
16

LEGEND:

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- = BHL/LTP
- ◇ = POE/FTP
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- ⊙ = FOUND 1" CAP/REBAR LS 8466

NOTE:

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by Scientific Drilling.
Date: Nov. 8, 2022

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SEC. 17, T25N, R12W
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SEC. 21, T25N, R12W
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SURFACE LOCATION

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

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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

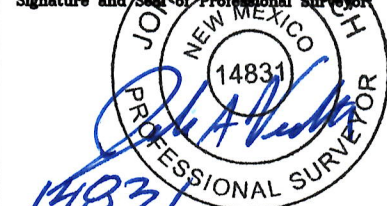
E-mail Address

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





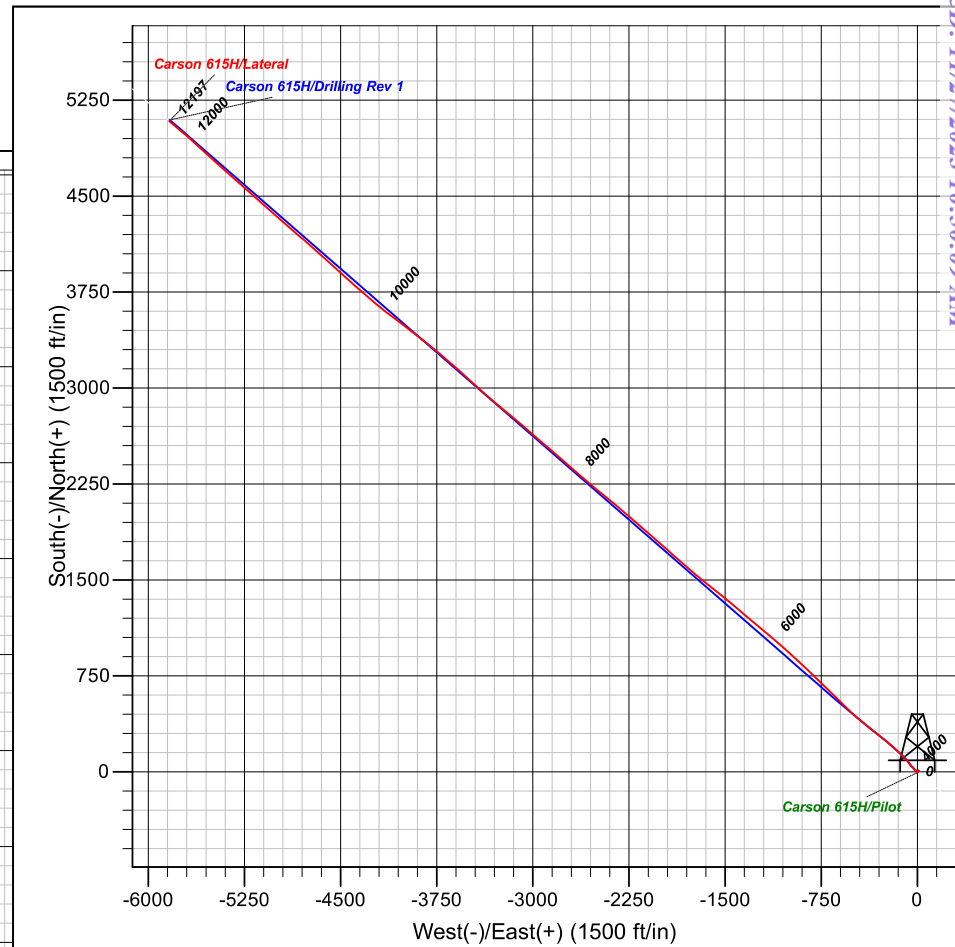
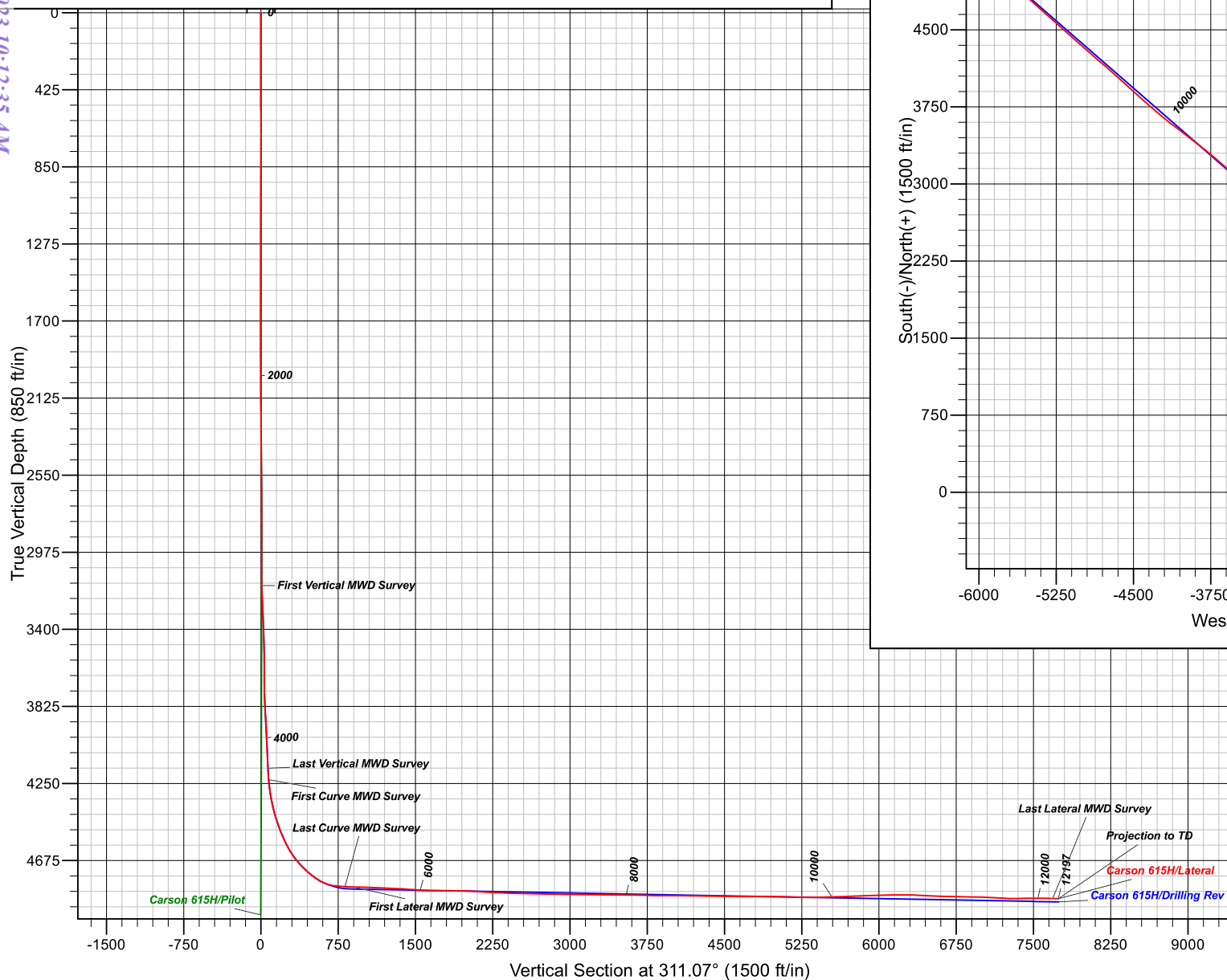
Company Name: DJR Operating
Project: Carson Unit
Site: WC 21-2
Well: Carson 615H
Wellbore: Lateral



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: _____

Well Name: CARSON	Well Location: T25N / R12W / SEC 21 / SWSW / 36.3812697 / -108.1234262	County or Parish/State: SAN JUAN / NM
Well Number: 615H	Type of Well: COALBED NATURAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM051013, NMNM51013	Unit or CA Name:	Unit or CA Number:
US Well Number: 3004535878	Well Status: Drilling Well	Operator: DJR OPERATING LLC

Subsequent Report

Sundry ID: 2743437

Type of Submission: Subsequent Report

Date Sundry Submitted: 07/31/2023

Date Operation Actually Began: 07/18/2023

Type of Action: Drilling Operations

Time Sundry Submitted: 08:41

Actual Procedure: Completion Sundry 6/25/23: Full function PT 4.5" x 7" casing L750 H7600 (30min), test good & recorded on chart. 7/11/23: Open well, increase pressure, AlphaSleeve opened at 8966 psi. 7/18/23: Plug, Perf & Frac 31 stages: 3 spf, .35" diameter from 5134' – 12105' MD (4796' – 4883' TVD). Total of 825 open holes. As pumped: 46,267 bbls fluid. 7,802,430 lbs of proppant. 64,669,109 scf N2. 7/25/23: MIRU rig AWS 812. NU BOPE. Full function PT L500 H5000 (30min) tests good & recorded on chart. 7/26 to 7/28/23: TIH drill out plugs. TOH. 7/29/23: Change over tubing tools. PT 2k (15min) test good & recorded on chart. RIH with production string. Land 154 jts of 2.875" 6.5# L80 STC tubing. EOT at 5088'. Five GLVs set at 1898' – 2590' – 3249' – 3942' – 4601'. TOH. ND BOPE. NU production tree & PT L250 H4950 (30min) test good & recorded on chart. Turn well over to production. Rig released on 7/30/23.

Well Name: CARSON	Well Location: T25N / R12W / SEC 21 / SWSW / 36.3812697 / -108.1234262	County or Parish/State: SAN JUAN / NM
Well Number: 615H	Type of Well: COALBED NATURAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM051013, NMNM51013	Unit or CA Name:	Unit or CA Number:
US Well Number: 3004535878	Well Status: Drilling Well	Operator: DJR OPERATING LLC

Operator

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: SHAW-MARIE FORD	Signed on: JUL 31, 2023 08:41 AM
Name: DJR OPERATING LLC	
Title: Regulatory Specialist	
Street Address: 1 Road 3263	
City: Aztec	State: NM
Phone: (505) 632-3476	
Email address: sford@djrlc.com	

Field

Representative Name:		
Street Address:		
City:	State:	Zip:
Phone:		
Email address:		

BLM Point of Contact

BLM POC Name: MATTHEW H KADE	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5055647736	BLM POC Email Address: MKADE@BLM.GOV
Disposition: Accepted	Disposition Date: 07/31/2023
Signature: Matthew Kade	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☐ Oil Well ☐ Gas Well ☐ Dry ☐ Other b. Type of Completion ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Zones ☐ Hydraulic Fracturing Other: _____				5. Lease Serial No.	
2. Name of Operator				6. If Indian, Allottee or Tribe Name	
3. Address				3a. Phone No. (Include area code)	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface At top prod. interval reported below At total depth				7. Unit or CA Agreement Name and No.	
14. Date Spudded				15. Date T.D. Reached	
16. Date Completed ☐ D & A ☐ Ready to Prod.				8. Well Name and Well No.	
18. Total Depth: MD TVD				19. Plug Back T.D.: MD TVD	
20. Depth Bridge Plug Set: MD TVD				9. API Well No.	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each)				10. Field and Pool or Exploratory	
22. Was well cored? ☐ No ☐ Yes (Submit analysis) Was DST run? ☐ No ☐ Yes (Submit report) Directional Survey? ☐ No ☐ Yes (Submit copy)				11. Sec., T., R., M., on Block and Survey or Area	
23. Casing and Liner Record (Report all strings set in well)				12. County or Parish 13. State	

Hole Size	Size/Grade	Wt. (#ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
		--- 26			599	-----			

24. Tubing Record									
Size	Dept Set (MD)	Packer Dept (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	

25. Producing Intervals				26. Perforation Record			
Formation	Top	Bottom		Perforated Interval	Size	No. Holes	Perf. Status
A)							
B)							
C)							
D)							

27. Acid, Fracture, Treatment, Cement Squeeze, Post hydraulic fracturing chemical disclosures on FracFocus.org when required by state or federal regulation	
Depth Interval	Amount, Type of Material and Date of Chemical Disclosure upload on FracFocus.org as applicable

28. Production - Interval A									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			➡						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			➡						

28a. Production - Interval B									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			➡						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			➡						

*(See instructions and spaces for additional data on page 2)

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production ➡	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API.	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate ➡	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production ➡	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API.	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate ➡	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

29. Disposition of Gas (*Solid, used for fuel, vented, etc.*)

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth

32. Additional remarks (include plugging procedure).

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☐ Directional Survey
☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (*please print*) _____ Title _____
 Signature _____ Date _____

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 3)

(Form 3160-4, page 2)

Additional Information

Location information: 00S1

SHL: SWSW / 572 FSL / 790 FWL / TWSP: 25N / RNG: 12W / SEC: 21 / LAT: 36.3809971 / LONG: -108.1230907

KOP: SWSW / 572 FSL / 790 FWL / TWSP: 25N / RNG: 12W / SEC: 21 / LAT: 36.3809971 / LONG: -108.1230907

PPP: SWSW / 1243 FSL / 61 FWL / TWSP: 25N / RNG: 12W / SEC: 21 / LAT: 36.3828426 / LONG: -108.1255661

PPP: SWSW / 1 FSL / 679 FWL / TWSP: 25N / RNG: 12W / SEC: 17 / LAT: 36.393937 / LONG: -108.141408

PPP: SESE / 1270 FNL / 1 FEL / TWSP: 25N / RNG: 12W / SEC: 20 / LAT: 36.382934 / LONG: -108.125788

EXIT: SWSW / 373 FSL / 225 FWL / TWSP: 25N / RNG: 12W / SEC: 17 / LAT: 36.3949657 / LONG: -108.1429225

BHL: SWSW / 373 FSL / 228 FWL / TWSP: 25N / RNG: 12W / SEC: 17 / LAT: 36.3949657 / LONG: -108.1429225

Summary of Porous Zones Information:

Formation: POINT LOOKOUT, Descriptions, Contents, etc: null, Bottom: 3576

Formation: MANCOS, Descriptions, Contents, etc: null, Bottom: 3745

Formation: MANCOS, Descriptions, Contents, etc: null, Bottom: 4384

Formation: GALLUP, Descriptions, Contents, etc: null, Bottom: 4761

Formation: GALLUP, Descriptions, Contents, etc: null, Bottom: 5065

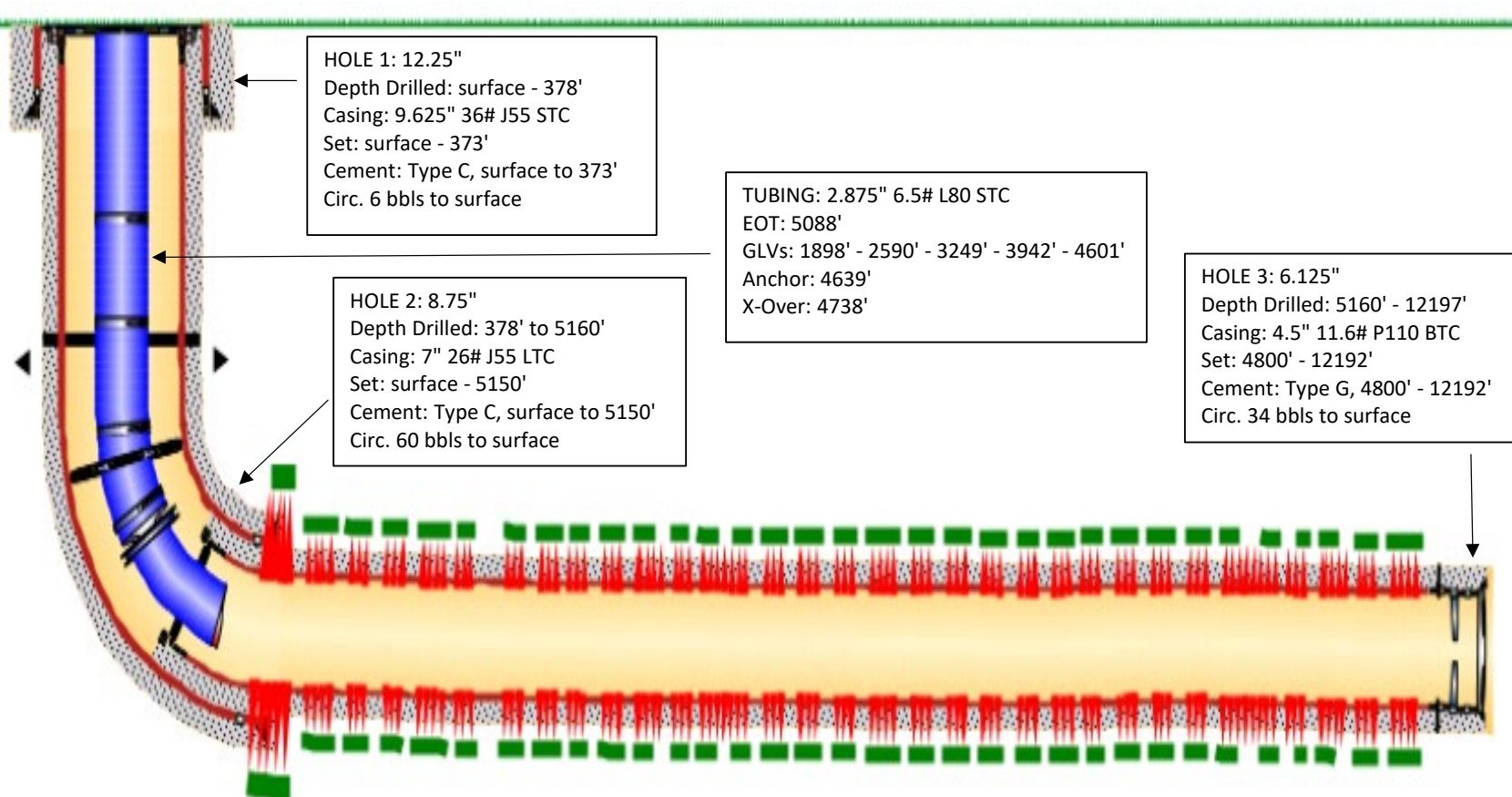
Attachments: 00S1

Log Attachments:

1) As_Drilled_Plat_WBD_20230814135839.pdf

2) Certified_DD_Survey_20230814135618.pdf

FORMATION	MD	TVD
Kirtland	GL	GL
Fruitland	943'	943'
Pictured Cliffs	1190'	1190'
Lewis	1289'	1289'
Chacra	1952'	1952'
Menefee	2518'	2518'
Point Lookout	3576'	3576'
Mancos	3745'	3745'
KOP~	4181'	4178'
Gallup	4812'	4602'
Target	5144'	5018'



Perf:	31 Stages	Frac:	31 Stages
Depth:	5134' - 12105' MD	46,267	bbls of fluid
	4796' - 4883' TVD	7,802,430	lbs of proppant
		64,669,109	scf of N2
Total of 825 Open Holes			

(NAD83)	LAT.	LONG.
SHL:	36.380997	-108.123091
FTP:	36.382842	-108.125566
LTP:	36.394965	-108.142922
BHL:	36.394965	-108.142922

BHL: SWNW M-17-25N-12W
 373' FSL x 228' FWL

12,197'	TD
4,885'	TVD
12,192'	PBTD
12,135'	FracSleeve

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 288382

ACKNOWLEDGMENTS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 288382
	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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Santa Fe, NM 87505

CONDITIONS

Action 288382

CONDITIONS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 288382
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	File 3160-4 Completion Report within 10 days to NMOCD after BLM approval.	12/8/2023