

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 200 Energy Court Farmington, NM 87401		² OGRID Number 371838	
		³ Reason for Filing Code/ Effective Date RT	
⁴ API Number 30-039-31428	⁵ Pool Name Alamito N; Mancos (O)		⁶ Pool Code 98174
⁷ Property Code 325267	⁸ Property Name North Alamito Unit		⁹ Well Number 005H

II. ¹⁰ Surface Location

UL or lot no. N	Section 17	Township 23N	Range 7W	Lot Idn	Feet from the 107'	North/South Line South	Feet from the 2008'	East/West line West	County Rio Arriba
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¹¹ Bottom Hole Location

UL or lot no. N	Section 21	Township 23N	Range 7W	Lot Idn	Feet from the 967'	North/South line South	Feet from the 1490'	East/West line West	County Sandoval
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 02/09/2023	²² Ready Date 07/18/2024	²³ TD 12,010' MD 5,389' TVD	²⁴ PBTD 11,995' MD 5,389' TVD	²⁵ Perforations 5,573' – 11,960' MD 5,373' – 5,410' TVD Frac Sleeve @ 11,970'	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set	³⁰ Sacks Cement
12.25		9.625" 36# J55		408'	109
8.75		7" 26# J55		5,651'	745
6.125		4.5" 11.6# P110		TOL: 5,486' BOL: 11,995'	534

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>7/18/2024</i>	
E-mail Address: sford@enduringresources.com		<i>RT EXPIRES 10/18/2024</i>	
Date: 06/12/2024	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

Submit one copy to appropriate
District Office

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

☐ AMENDED REPORT
☒ AS DRILLED

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-31428	² Pool Code 98174	³ Pool Name NORTH ALAMITO UNIT MANCOS OIL POOL
⁴ Property Code 325267	⁵ Property Name NORTH ALAMITO UNIT	⁶ Well Number 005H
⁷ GRID No. 371838	⁸ Operator Name DJR OPERATING, LLC	⁹ Elevation 7025'

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
N	17	23N	7W		107'	SOUTH	2008'	WEST	RIO ARRIBA

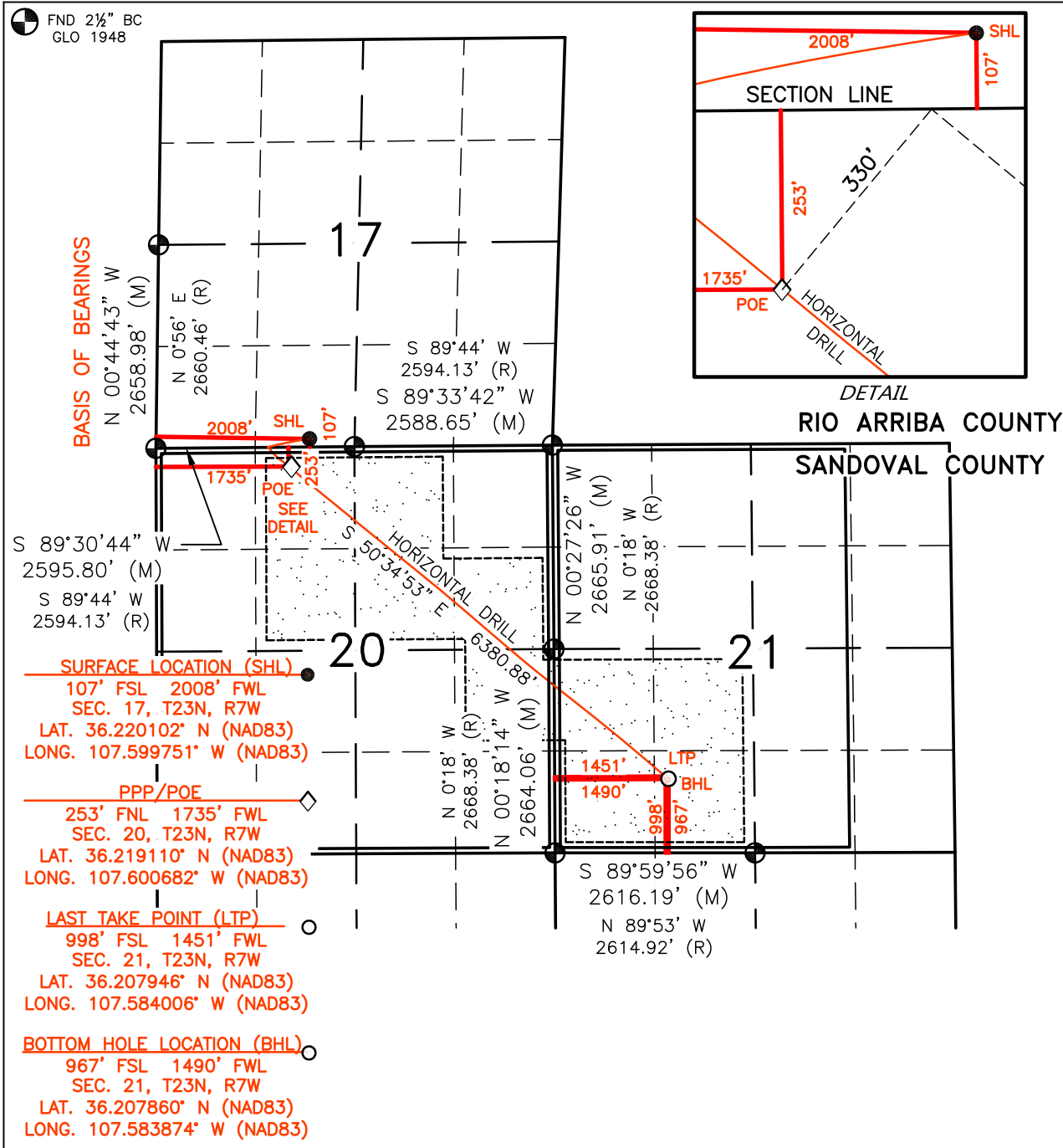
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	21	23N	7W		967'	SOUTH	1490'	WEST	SANDOVAL

¹² Dedicated Acres PENETRATED SPACING UNIT; SEC 20: NE/NW, SE/NW, NW/NE, SW/NE, SE/NE & NE/SE (240 AC.); SEC 21: SW/4 (160 AC.) = 400 ACRES	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. R-14081 R-14081A
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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

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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 6/12/2024
Signature Date

Shaw-Marie Ford
Printed Name

sford@enduringresources.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.

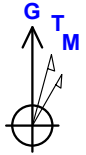
MAY 31, 2024

Date of Survey
Signature and Seal of Professional Surveyor:

Certificate Number 11393



Well: North Alamito Unit 005 H
Site: North Alamito Unit (05 & 06)
Project: Sandoval County, New Mexico NAD83 NM C
Design: rev2
Rig: Ensign 140



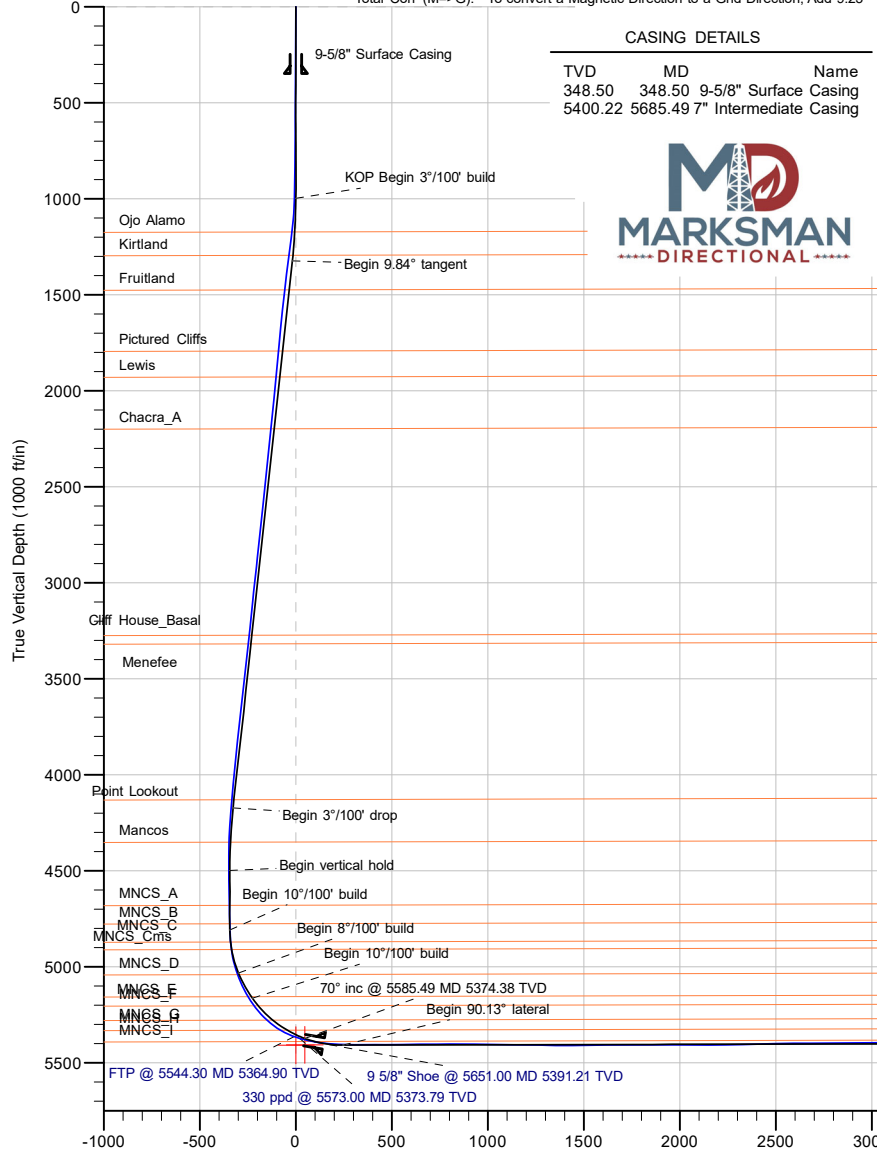
Azimuths to Grid North
True North: 0.80°
Magnetic North: 9.23°

Magnetic Field
Strength: 49028.6nT
Dip Angle: 62.70°
Date: 4/24/2024
Model: IGRF2020

Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: New Mexico Central Zone
System Datum: Mean Sea Level
Depth Reference: RKB=7025+23.5 @ 7048.50ft (Ensign 140)

Surface location:
Northing: 1902154.60
Easting: 1242285.12
Latitude: 36.22010200
Longitude: -107.59975100

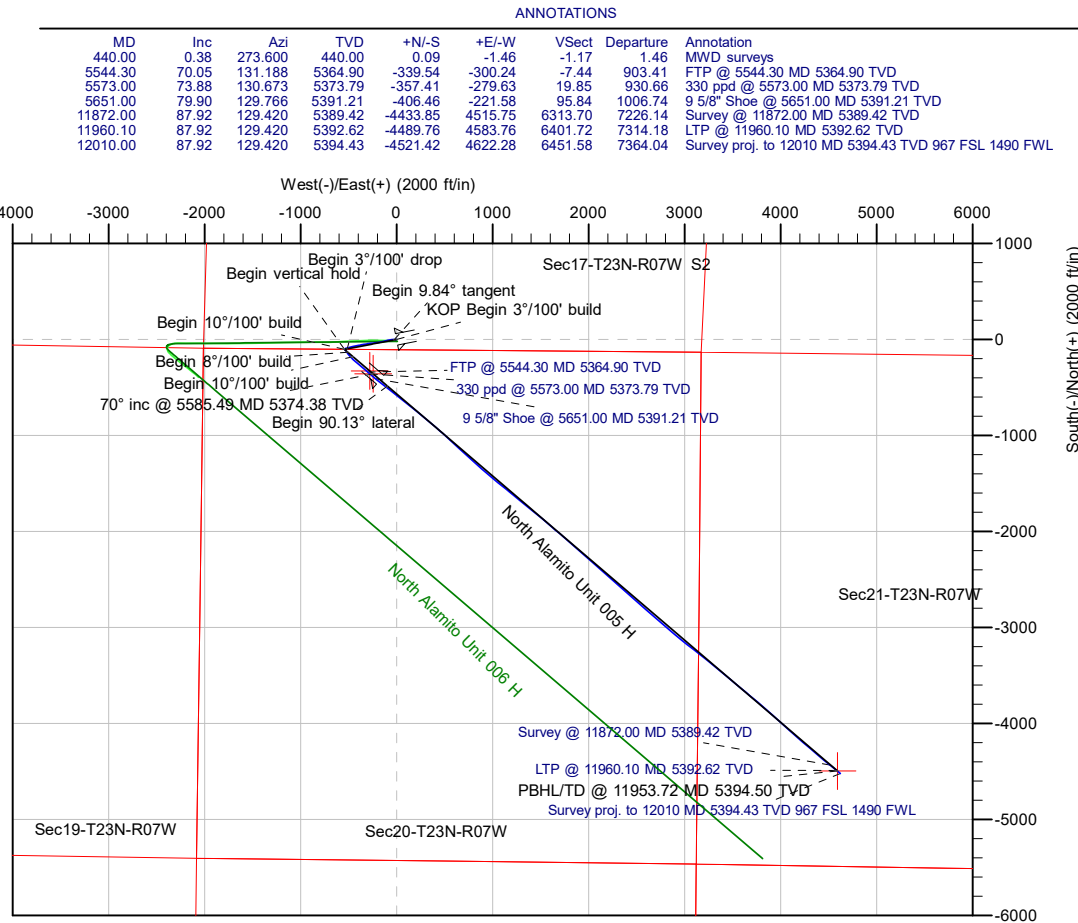
Total Corr (M=>G): To convert a Magnetic Direction to a Grid Direction, Add 9.23°



CASING DETAILS		
TVD	MD	Name
348.50	348.50	9-5/8" Surface Casing
5400.22	5685.49	7" Intermediate Casing

Section Details											
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	Vsect	Annotation	
1	0.00	0.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00		
2	998.50	0.00	0.000	998.50	0.00	0.00	0.00	0.00	0.00	KOP Begin 3"/100' build	
3	1326.34	9.84	259.211	1324.73	-5.25	-27.57	3.00	259.21	-17.54	Begin 9.84" tangent	
4	4217.65	9.84	259.211	4173.55	-97.71	-512.72	0.00	0.00	-326.10	Begin 3"/100' drop	
5	4545.49	0.00	130.545	4499.78	-102.96	-540.29	3.00	180.00	-343.64	Begin vertical hold	
6	4855.49	0.00	130.545	4809.78	-102.96	-540.29	0.00	0.00	-343.64	Begin 10"/100' build	
7	5085.49	23.00	130.545	5033.65	-132.57	-505.68	10.00	130.55	-298.09	Begin 8"/100' build	
8	5235.49	35.00	130.545	5164.61	-179.75	-450.52	8.00	0.00	-225.50	Begin 10"/100' build	
9	5585.49	70.00	130.545	5374.37	-357.46	-242.78	10.00	0.00	47.88	70° inc @ 5585.49 MD 5374.38 TVD	
10	5786.83	90.13	130.545	5408.93	-485.72	-92.85	10.00	0.00	245.18	Begin 90.13° lateral	
11	11953.72	90.13	130.545	5394.50	-4494.49	4593.30	0.00	0.00	6412.05	PBHL/TD @ 11953.72 MD 5394.50 TVD	

DESIGN TARGET DETAILS							
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
North Alamito 05 BHL 944 FSL 1460 FWL	5394.50	-4494.49	4593.30	1897660.12	1246878.41	36.20793300	-107.58397300
North Alamito 05 POE 252 FNL 1772 FWL	5407.50	-357.46	-242.78	1901797.14	1242042.33	36.21911100	-107.60055700
North Alamito 05 vs=0	5409.50	-326.34	-279.16	1901828.26	1242005.96	36.21919507	-107.60068176





Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well North Alamito Unit 005 H
Project:	Sandoval County, New Mexico NAD83 NM C	TVD Reference:	RKB=7025+23.5 @ 7048.50ft (Ensign 140)
Site:	North Alamito Unit (05 & 06)	MD Reference:	RKB=7025+23.5 @ 7048.50ft (Ensign 140)
Well:	North Alamito Unit 005 H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	MWD surveys	Database:	DT_Mar1724_v17

Project	Sandoval County, New Mexico NAD83 NM C		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Central Zone		

Site	North Alamito Unit (05 & 06)				
Site Position:		Northing:	1,902,154.60 usft	Latitude:	36.22010200
From:	Lat/Long	Easting:	1,242,285.11 usft	Longitude:	-107.59975100
Position Uncertainty:	0.00 ft	Slot Radius:	13-3/16 "		

Well	North Alamito Unit 005 H, Surf loc: 107 FSL 2008 FWL Section 17-T23N-R07W					
Well Position	+N/-S	0.00 ft	Northing:	1,902,154.60 usft	Latitude:	36.22010200
	+E/-W	0.00 ft	Easting:	1,242,285.11 usft	Longitude:	-107.59975100
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	7,025.00 ft
Grid Convergence:		-0.80 °				

Wellbore	Original Hole				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	4/24/2024	8.43	62.70	49,028.63828310

Design	MWD surveys				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	0.00	0.00	0.00	130.545	

Survey Program	Date	5/12/2024			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
440.00	5,580.00	MWD int (Original Hole)	MWD	OWSG MWD - Standard	
5,671.00	11,872.00	MWD (Original Hole)	MWD	OWSG MWD - Standard	
12,010.00	12,010.00	Projection (Original Hole)	MWD	OWSG MWD - Standard	

Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
0.00	0.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
440.00	0.38	273.600	440.00	0.09	-1.46	-1.17	0.09	0.09	0.00	
MWD surveys										
485.00	0.49	280.580	485.00	0.14	-1.79	-1.45	0.27	0.24	15.51	
574.00	0.44	286.720	573.99	0.30	-2.50	-2.09	0.08	-0.06	6.90	
664.00	0.62	288.050	663.99	0.55	-3.29	-2.86	0.20	0.20	1.48	
754.00	0.85	272.160	753.98	0.73	-4.42	-3.83	0.34	0.26	-17.66	
843.00	0.85	262.000	842.97	0.66	-5.73	-4.79	0.17	0.00	-11.42	



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well North Alamito Unit 005 H
Project:	Sandoval County, New Mexico NAD83 NM C	TVD Reference:	RKB=7025+23.5 @ 7048.50ft (Ensign 140)
Site:	North Alamito Unit (05 & 06)	MD Reference:	RKB=7025+23.5 @ 7048.50ft (Ensign 140)
Well:	North Alamito Unit 005 H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	MWD surveys	Database:	DT_Mar1724_v17

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
933.00	0.99	241.460	932.96	0.20	-7.08	-5.51	0.40	0.16	-22.82
1,022.00	2.81	264.460	1,021.91	-0.38	-9.92	-7.30	2.18	2.04	25.84
1,115.00	6.90	274.490	1,114.56	-0.16	-17.77	-13.40	4.47	4.40	10.78
1,212.00	10.29	268.970	1,210.45	0.14	-32.24	-24.59	3.59	3.49	-5.69
1,306.00	10.97	258.430	1,302.85	-1.81	-49.40	-36.36	2.19	0.72	-11.21
1,400.00	10.82	260.900	1,395.16	-4.99	-66.87	-47.57	0.52	-0.16	2.63
1,494.00	10.77	260.280	1,487.49	-7.87	-84.24	-58.90	0.13	-0.05	-0.66
1,589.00	10.13	257.960	1,580.92	-11.11	-101.16	-69.65	0.81	-0.67	-2.44
1,681.00	9.66	252.380	1,671.55	-15.14	-116.43	-78.64	1.16	-0.51	-6.07
1,773.00	8.96	255.820	1,762.34	-19.23	-130.73	-86.84	0.97	-0.76	3.74
1,864.00	8.23	257.000	1,852.32	-22.43	-143.95	-94.81	0.83	-0.80	1.30
1,954.00	9.56	260.820	1,941.23	-25.07	-157.61	-103.47	1.62	1.48	4.24
2,044.00	9.19	260.930	2,030.03	-27.40	-172.08	-112.95	0.41	-0.41	0.12
2,133.00	7.96	256.030	2,118.03	-30.01	-185.08	-121.14	1.61	-1.38	-5.51
2,223.00	9.61	262.440	2,206.98	-32.50	-198.58	-129.77	2.13	1.83	7.12
2,313.00	8.61	262.600	2,295.84	-34.36	-212.70	-139.30	1.11	-1.11	0.18
2,402.00	8.35	264.160	2,383.87	-35.87	-225.74	-148.22	0.39	-0.29	1.75
2,492.00	7.82	266.120	2,472.97	-36.95	-238.35	-157.10	0.66	-0.59	2.18
2,582.00	9.51	264.400	2,561.94	-38.09	-251.86	-166.63	1.90	1.88	-1.91
2,671.00	9.19	263.680	2,649.76	-39.59	-266.24	-176.58	0.38	-0.36	-0.81
2,761.00	8.59	262.550	2,738.68	-41.25	-280.05	-185.99	0.69	-0.67	-1.26
2,851.00	10.29	260.210	2,827.46	-43.49	-294.64	-195.62	1.94	1.89	-2.60
2,940.00	8.91	258.350	2,915.21	-46.23	-309.22	-204.92	1.59	-1.55	-2.09
3,029.00	9.82	263.240	3,003.02	-48.52	-323.51	-214.29	1.36	1.02	5.49
3,119.00	8.52	262.020	3,091.87	-50.35	-337.73	-223.91	1.46	-1.44	-1.36
3,208.00	9.52	257.930	3,179.77	-52.80	-351.46	-232.75	1.33	1.12	-4.60
3,298.00	8.47	256.100	3,268.66	-55.95	-365.17	-241.12	1.21	-1.17	-2.03
3,387.00	10.50	262.800	3,356.44	-58.54	-379.58	-250.39	2.59	2.28	7.53
3,477.00	10.35	262.600	3,444.96	-60.61	-395.73	-261.32	0.17	-0.17	-0.22
3,566.00	11.10	257.730	3,532.41	-63.46	-412.03	-271.85	1.32	0.84	-5.47
3,656.00	10.49	256.310	3,620.81	-67.24	-428.46	-281.87	0.74	-0.68	-1.58
3,745.00	10.23	255.830	3,708.36	-71.10	-444.00	-291.17	0.31	-0.29	-0.54
3,835.00	10.07	256.700	3,796.95	-74.86	-459.40	-300.43	0.25	-0.18	0.97
3,924.00	9.51	252.100	3,884.66	-78.91	-473.97	-308.87	1.08	-0.63	-5.17
4,014.00	10.13	258.400	3,973.34	-82.79	-488.80	-317.62	1.38	0.69	7.00
4,103.00	8.90	256.510	4,061.12	-85.97	-503.16	-326.47	1.43	-1.38	-2.12
4,193.00	9.45	252.700	4,149.96	-89.79	-516.99	-334.49	0.91	0.61	-4.23
4,282.00	7.55	254.580	4,237.98	-93.52	-529.60	-341.65	2.16	-2.13	2.11
4,371.00	5.04	246.550	4,326.44	-96.63	-538.82	-346.64	2.98	-2.82	-9.02
4,461.00	2.59	236.360	4,416.24	-99.33	-544.14	-348.92	2.81	-2.72	-11.32
4,550.00	1.24	105.910	4,505.21	-100.71	-544.89	-348.60	3.96	-1.52	-146.57
4,640.00	0.89	91.690	4,595.19	-100.99	-543.26	-347.17	0.48	-0.39	-15.80
4,729.00	1.40	101.230	4,684.17	-101.23	-541.50	-345.68	0.61	0.57	10.72



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well North Alamito Unit 005 H
Project:	Sandoval County, New Mexico NAD83 NM C	TVD Reference:	RKB=7025+23.5 @ 7048.50ft (Ensign 140)
Site:	North Alamito Unit (05 & 06)	MD Reference:	RKB=7025+23.5 @ 7048.50ft (Ensign 140)
Well:	North Alamito Unit 005 H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	MWD surveys	Database:	DT_Mar1724_v17

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,819.00	0.95	99.150	4,774.16	-101.56	-539.68	-344.09	0.50	-0.50	-2.31
4,909.00	4.11	143.640	4,864.06	-104.28	-537.03	-340.31	3.88	3.51	49.43
4,953.00	8.27	149.520	4,907.80	-108.27	-534.49	-335.78	9.55	9.45	13.36
4,998.00	12.22	144.710	4,952.07	-114.95	-530.10	-328.09	8.97	8.78	-10.69
5,043.00	16.28	145.170	4,995.68	-124.02	-523.74	-317.37	9.03	9.02	1.02
5,088.00	20.30	144.840	5,038.39	-135.59	-515.64	-303.70	8.94	8.93	-0.73
5,133.00	24.27	144.600	5,080.02	-149.51	-505.79	-287.15	8.82	8.82	-0.53
5,177.00	27.65	141.400	5,119.58	-164.87	-494.17	-268.35	8.31	7.68	-7.27
5,222.00	30.99	136.860	5,158.82	-181.49	-479.73	-246.57	8.91	7.42	-10.09
5,267.00	34.89	133.650	5,196.58	-198.83	-462.49	-222.19	9.49	8.67	-7.13
5,311.00	40.10	130.580	5,231.48	-216.75	-442.61	-195.44	12.58	11.84	-6.98
5,356.00	44.91	130.460	5,264.64	-236.50	-419.50	-165.04	10.69	10.69	-0.27
5,401.00	51.16	130.740	5,294.72	-258.27	-394.11	-131.60	13.90	13.89	0.62
5,445.00	56.57	130.280	5,320.66	-281.34	-367.10	-96.07	12.32	12.30	-1.05
5,490.00	63.03	131.180	5,343.28	-306.71	-337.65	-57.20	14.46	14.36	2.00
5,535.00	68.81	131.360	5,361.63	-333.80	-306.78	-16.14	12.85	12.84	0.40
5,544.30	70.05	131.188	5,364.90	-339.54	-300.24	-7.44	13.44	13.33	-1.85
FTP @ 5544.30 MD 5364.90 TVD									
5,573.00	73.88	130.673	5,373.79	-357.41	-279.63	19.85	13.44	13.33	-1.80
330 ppd @ 5573.00 MD 5373.79 TVD									
5,580.00	74.81	130.550	5,375.67	-361.80	-274.51	26.59	13.44	13.34	-1.75
5,651.00	79.90	129.766	5,391.21	-406.46	-221.58	95.84	7.26	7.18	-1.10
9 5/8" Shoe @ 5651.00 MD 5391.21 TVD									
5,671.00	81.34	129.550	5,394.47	-419.05	-206.38	115.57	7.26	7.18	-1.08
5,758.00	86.51	127.890	5,403.67	-473.14	-138.91	202.01	6.24	5.94	-1.91
5,847.00	90.25	128.050	5,406.19	-527.87	-68.79	290.87	4.21	4.20	0.18
5,935.00	89.64	127.160	5,406.27	-581.57	0.93	378.75	1.23	-0.69	-1.01
6,024.00	90.65	128.960	5,406.05	-636.43	71.00	467.66	2.32	1.13	2.02
6,113.00	90.35	128.870	5,405.27	-692.34	140.25	556.62	0.35	-0.34	-0.10
6,202.00	90.03	128.590	5,404.98	-748.02	209.67	645.58	0.48	-0.36	-0.31
6,290.00	90.68	130.440	5,404.43	-804.01	277.56	733.56	2.23	0.74	2.10
6,379.00	90.13	129.960	5,403.80	-861.45	345.53	822.55	0.82	-0.62	-0.54
6,467.00	89.60	129.720	5,404.01	-917.83	413.10	910.54	0.66	-0.60	-0.27
6,555.00	89.27	132.450	5,404.88	-975.65	479.42	998.53	3.12	-0.38	3.10
6,644.00	88.44	132.760	5,406.66	-1,035.89	544.92	1,087.45	1.00	-0.93	0.35
6,732.00	89.86	133.270	5,407.96	-1,095.91	609.25	1,175.36	1.71	1.61	0.58
6,821.00	89.14	132.630	5,408.74	-1,156.55	674.39	1,264.27	1.08	-0.81	-0.72
6,910.00	88.57	131.920	5,410.52	-1,216.40	740.23	1,353.21	1.02	-0.64	-0.80
6,998.00	90.93	132.000	5,410.90	-1,275.24	805.66	1,441.18	2.68	2.68	0.09
7,087.00	90.82	131.170	5,409.54	-1,334.30	872.22	1,530.16	0.94	-0.12	-0.93
7,175.00	90.99	130.870	5,408.15	-1,392.05	938.61	1,618.14	0.39	0.19	-0.34
7,264.00	90.08	129.630	5,407.32	-1,449.55	1,006.53	1,707.13	1.73	-1.02	-1.39
7,353.00	89.88	129.150	5,407.35	-1,506.03	1,075.31	1,796.11	0.58	-0.22	-0.54
7,442.00	89.96	128.480	5,407.47	-1,561.82	1,144.66	1,885.07	0.76	0.09	-0.75



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well North Alamito Unit 005 H
Project:	Sandoval County, New Mexico NAD83 NM C	TVD Reference:	RKB=7025+23.5 @ 7048.50ft (Ensign 140)
Site:	North Alamito Unit (05 & 06)	MD Reference:	RKB=7025+23.5 @ 7048.50ft (Ensign 140)
Well:	North Alamito Unit 005 H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	MWD surveys	Database:	DT_Mar1724_v17

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
7,530.00	89.96	130.060	5,407.54	-1,617.52	1,212.79	1,973.05	1.80	0.00	1.80
7,619.00	89.86	129.430	5,407.68	-1,674.42	1,281.22	2,062.04	0.72	-0.11	-0.71
7,708.00	89.70	128.260	5,408.02	-1,730.24	1,350.53	2,151.00	1.33	-0.18	-1.31
7,796.00	91.16	129.780	5,407.36	-1,785.64	1,418.90	2,238.96	2.39	1.66	1.73
7,885.00	91.02	128.900	5,405.66	-1,842.05	1,487.72	2,327.92	1.00	-0.16	-0.99
7,974.00	91.86	131.440	5,403.43	-1,899.43	1,555.70	2,416.89	3.01	0.94	2.85
8,063.00	91.40	130.790	5,400.90	-1,957.93	1,622.72	2,505.84	0.89	-0.52	-0.73
8,151.00	90.17	129.340	5,399.69	-2,014.57	1,690.06	2,593.83	2.16	-1.40	-1.65
8,239.00	90.58	131.570	5,399.11	-2,071.66	1,757.01	2,681.82	2.58	0.47	2.53
8,328.00	89.89	131.290	5,398.75	-2,130.55	1,823.74	2,770.81	0.84	-0.78	-0.31
8,416.00	89.95	130.320	5,398.87	-2,188.06	1,890.35	2,858.81	1.10	0.07	-1.10
8,505.00	91.63	132.620	5,397.64	-2,246.99	1,957.03	2,947.78	3.20	1.89	2.58
8,593.00	91.03	131.760	5,395.60	-2,306.07	2,022.21	3,035.72	1.19	-0.68	-0.98
8,682.00	89.70	130.160	5,395.04	-2,364.41	2,089.41	3,124.71	2.34	-1.49	-1.80
8,770.00	90.50	132.080	5,394.88	-2,422.28	2,155.70	3,212.70	2.36	0.91	2.18
8,859.00	89.46	131.510	5,394.91	-2,481.59	2,222.06	3,301.68	1.33	-1.17	-0.64
8,947.00	88.85	130.390	5,396.21	-2,539.26	2,288.51	3,389.66	1.45	-0.69	-1.27
9,036.00	91.24	132.070	5,396.14	-2,597.91	2,355.44	3,478.65	3.28	2.69	1.89
9,124.00	91.19	132.120	5,394.27	-2,656.89	2,420.72	3,566.59	0.08	-0.06	0.06
9,213.00	90.52	131.700	5,392.95	-2,716.33	2,486.95	3,655.56	0.89	-0.75	-0.47
9,302.00	89.76	131.060	5,392.73	-2,775.16	2,553.73	3,744.55	1.12	-0.85	-0.72
9,390.00	89.32	130.690	5,393.44	-2,832.75	2,620.27	3,832.54	0.65	-0.50	-0.42
9,479.00	90.69	131.150	5,393.43	-2,891.04	2,687.51	3,921.54	1.62	1.54	0.52
9,567.00	90.53	131.050	5,392.49	-2,948.89	2,753.82	4,009.53	0.21	-0.18	-0.11
9,656.00	90.03	130.670	5,392.06	-3,007.11	2,821.13	4,098.53	0.71	-0.56	-0.43
9,745.00	89.76	130.070	5,392.22	-3,064.76	2,888.94	4,187.53	0.74	-0.30	-0.67
9,833.00	89.98	129.390	5,392.42	-3,121.01	2,956.62	4,275.52	0.81	0.25	-0.77
9,922.00	89.37	127.980	5,392.92	-3,176.63	3,026.09	4,364.46	1.73	-0.69	-1.58
10,010.00	91.13	127.940	5,392.54	-3,230.76	3,095.47	4,452.37	2.00	2.00	-0.05
10,099.00	90.63	127.560	5,391.17	-3,285.24	3,165.83	4,541.25	0.71	-0.56	-0.43
10,188.00	91.54	129.500	5,389.49	-3,340.67	3,235.44	4,630.18	2.41	1.02	2.18
10,277.00	91.27	128.980	5,387.31	-3,396.95	3,304.35	4,719.13	0.66	-0.30	-0.58
10,366.00	91.95	130.260	5,384.80	-3,453.68	3,372.87	4,808.08	1.63	0.76	1.44
10,455.00	91.62	130.040	5,382.03	-3,511.04	3,440.87	4,897.03	0.45	-0.37	-0.25
10,544.00	91.48	129.890	5,379.62	-3,568.18	3,509.06	4,986.00	0.23	-0.16	-0.17
10,632.00	90.70	129.280	5,377.95	-3,624.25	3,576.86	5,073.97	1.13	-0.89	-0.69
10,720.00	90.09	129.140	5,377.34	-3,679.88	3,645.05	5,161.94	0.71	-0.69	-0.16
10,809.00	89.69	130.280	5,377.52	-3,736.74	3,713.51	5,250.93	1.36	-0.45	1.28
10,897.00	89.23	129.610	5,378.34	-3,793.23	3,780.97	5,338.92	0.92	-0.52	-0.76
10,986.00	90.28	132.250	5,378.73	-3,851.53	3,848.21	5,427.91	3.19	1.18	2.97
11,074.00	89.88	132.160	5,378.60	-3,910.65	3,913.39	5,515.87	0.47	-0.45	-0.10
11,163.00	89.80	131.980	5,378.85	-3,970.29	3,979.46	5,604.84	0.22	-0.09	-0.20
11,251.00	89.42	131.550	5,379.45	-4,028.90	4,045.10	5,692.82	0.65	-0.43	-0.49
11,340.00	89.24	131.150	5,380.49	-4,087.69	4,111.90	5,781.80	0.49	-0.20	-0.45



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well North Alamito Unit 005 H
Project:	Sandoval County, New Mexico NAD83 NM C	TVD Reference:	RKB=7025+23.5 @ 7048.50ft (Ensign 140)
Site:	North Alamito Unit (05 & 06)	MD Reference:	RKB=7025+23.5 @ 7048.50ft (Ensign 140)
Well:	North Alamito Unit 005 H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	MWD surveys	Database:	DT_Mar1724_v17

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
11,429.00	89.10	131.040	5,381.78	-4,146.19	4,178.97	5,870.79	0.20	-0.16	-0.12
11,517.00	89.27	130.880	5,383.03	-4,203.87	4,245.41	5,958.78	0.27	0.19	-0.18
11,606.00	89.27	130.810	5,384.17	-4,262.07	4,312.74	6,047.77	0.08	0.00	-0.08
11,694.00	89.19	130.480	5,385.35	-4,319.39	4,379.50	6,135.76	0.39	-0.09	-0.38
11,783.00	88.82	130.120	5,386.89	-4,376.94	4,447.37	6,224.74	0.58	-0.42	-0.40
11,872.00	87.92	129.420	5,389.43	-4,433.85	4,515.75	6,313.70	1.28	-1.01	-0.79
Survey @ 11872.00 MD 5389.42 TVD									
11,960.10	87.92	129.420	5,392.62	-4,489.76	4,583.76	6,401.72	0.00	0.00	0.00
LTP @ 11960.10 MD 5392.62 TVD									
12,010.00	87.92	129.420	5,394.43	-4,521.42	4,622.28	6,451.58	0.00	0.00	0.00
Survey proj. to 12010 MD 5394.43 TVD 967 FSL 1490 FWL									

Design Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
440.00	440.00	0.09	-1.46	MWD surveys
5,544.30	5,364.90	-339.54	-300.24	FTP @ 5544.30 MD 5364.90 TVD
5,573.00	5,373.79	-357.41	-279.63	330 ppd @ 5573.00 MD 5373.79 TVD
5,651.00	5,391.21	-406.46	-221.58	9 5/8" Shoe @ 5651.00 MD 5391.21 TVD
11,872.00	5,389.43	-4,433.85	4,515.75	Survey @ 11872.00 MD 5389.42 TVD
11,960.10	5,392.62	-4,489.76	4,583.76	LTP @ 11960.10 MD 5392.62 TVD
12,010.00	5,394.43	-4,521.42	4,622.28	Survey proj. to 12010 MD 5394.43 TVD 967 FSL 1490 FWL



Survey Report - Geographic



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well North Alamito Unit 005 H
Project:	Sandoval County, New Mexico NAD83 NM C	TVD Reference:	RKB=7025+23.5 @ 7048.50ft (Ensign 140)
Site:	North Alamito Unit (05 & 06)	MD Reference:	RKB=7025+23.5 @ 7048.50ft (Ensign 140)
Well:	North Alamito Unit 005 H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	MWD surveys	Database:	DT_Mar1724_v17

Project	Sandoval County, New Mexico NAD83 NM C		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Central Zone		

Site	North Alamito Unit (05 & 06)		
Site Position:		Northing:	1,902,154.60 usft
From:	Lat/Long	Easting:	1,242,285.11 usft
Position Uncertainty:	0.00 ft	Slot Radius:	13-3/16 "
		Latitude:	36.22010200
		Longitude:	-107.59975100
		Grid Convergence:	-0.80 °

Well	North Alamito Unit 005 H, Surf loc: 107 FSL 2008 FWL Section 17-T23N-R07W		
Well Position	+N/-S	0.00 ft	Northing: 1,902,154.60 usft
	+E/-W	0.00 ft	Easting: 1,242,285.11 usft
Position Uncertainty	0.00 ft	Wellhead Elevation:	ft
		Latitude:	36.22010200
		Longitude:	-107.59975100
		Ground Level:	7,025.00 ft

Wellbore	Original Hole				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	4/24/2024	8.43	62.70	49,028.63828310

Design	MWD surveys				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	0.00	0.00	0.00	130.545	

Survey Program	Date	5/12/2024			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
440.00	5,580.00	MWD int (Original Hole)	MWD	OWSG MWD - Standard	
5,671.00	11,872.00	MWD (Original Hole)	MWD	OWSG MWD - Standard	
12,010.00	12,010.00	Projection (Original Hole)	MWD	OWSG MWD - Standard	

Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude	
0.00	0.00	0.000	0.00	0.00	0.00	1,902,154.60	1,242,285.11	36.22010200	-107.59975100	
440.00	0.38	273.600	440.00	0.09	-1.46	1,902,154.70	1,242,283.66	36.22010220	-107.59975594	
MWD surveys										
485.00	0.49	280.580	485.00	0.14	-1.79	1,902,154.74	1,242,283.32	36.22010231	-107.59975709	
574.00	0.44	286.720	573.99	0.30	-2.50	1,902,154.91	1,242,282.62	36.22010274	-107.59975948	
664.00	0.62	288.050	663.99	0.55	-3.29	1,902,155.16	1,242,281.82	36.22010340	-107.59976218	
754.00	0.85	272.160	753.98	0.73	-4.42	1,902,155.34	1,242,280.69	36.22010384	-107.59976602	
843.00	0.85	262.000	842.97	0.66	-5.73	1,902,155.27	1,242,279.38	36.22010360	-107.59977047	
933.00	0.99	241.460	932.96	0.20	-7.08	1,902,154.80	1,242,278.04	36.22010228	-107.59977500	
1,022.00	2.81	264.460	1,021.91	-0.38	-9.92	1,902,154.23	1,242,275.19	36.22010058	-107.59978462	



Survey Report - Geographic



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well North Alamito Unit 005 H
Project:	Sandoval County, New Mexico NAD83 NM C	TVD Reference:	RKB=7025+23.5 @ 7048.50ft (Ensign 140)
Site:	North Alamito Unit (05 & 06)	MD Reference:	RKB=7025+23.5 @ 7048.50ft (Ensign 140)
Well:	North Alamito Unit 005 H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	MWD surveys	Database:	DT_Mar1724_v17

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
1,115.00	6.90	274.490	1,114.56	-0.16	-17.77	1,902,154.44	1,242,267.35	36.22010088	-107.59981121
1,212.00	10.29	268.970	1,210.45	0.14	-32.24	1,902,154.74	1,242,252.87	36.22010115	-107.59986029
1,306.00	10.97	258.430	1,302.85	-1.81	-49.40	1,902,152.80	1,242,235.71	36.22009515	-107.59991835
1,400.00	10.82	260.900	1,395.16	-4.99	-66.87	1,902,149.61	1,242,218.24	36.22008572	-107.59997743
1,494.00	10.77	260.280	1,487.49	-7.87	-84.24	1,902,146.73	1,242,200.87	36.22007716	-107.60003616
1,589.00	10.13	257.960	1,580.92	-11.11	-101.16	1,902,143.49	1,242,183.95	36.22006761	-107.60009335
1,681.00	9.66	252.380	1,671.55	-15.14	-116.43	1,902,139.47	1,242,168.68	36.22005597	-107.60014492
1,773.00	8.96	255.820	1,762.34	-19.23	-130.73	1,902,135.37	1,242,154.38	36.22004419	-107.60019320
1,864.00	8.23	257.000	1,852.32	-22.43	-143.95	1,902,132.17	1,242,141.16	36.22003489	-107.60023785
1,954.00	9.56	260.820	1,941.23	-25.07	-157.61	1,902,129.53	1,242,127.51	36.22002711	-107.60028401
2,044.00	9.19	260.930	2,030.03	-27.40	-172.08	1,902,127.21	1,242,113.03	36.22002017	-107.60033296
2,133.00	7.96	256.030	2,118.03	-30.01	-185.08	1,902,124.60	1,242,100.03	36.22001251	-107.60037689
2,223.00	9.61	262.440	2,206.98	-32.50	-198.58	1,902,122.10	1,242,086.54	36.22000515	-107.60042252
2,313.00	8.61	262.600	2,295.84	-34.36	-212.70	1,902,120.25	1,242,072.41	36.21999951	-107.60047031
2,402.00	8.35	264.160	2,383.87	-35.87	-225.74	1,902,118.73	1,242,059.37	36.21999485	-107.60051442
2,492.00	7.82	266.120	2,472.97	-36.95	-238.35	1,902,117.65	1,242,046.76	36.21999140	-107.60055711
2,582.00	9.51	264.400	2,561.94	-38.09	-251.86	1,902,116.51	1,242,033.26	36.21998776	-107.60060285
2,671.00	9.19	263.680	2,649.76	-39.59	-266.24	1,902,115.01	1,242,018.87	36.21998309	-107.60065152
2,761.00	8.59	262.550	2,738.68	-41.25	-280.05	1,902,113.35	1,242,005.07	36.21997799	-107.60069824
2,851.00	10.29	260.210	2,827.46	-43.49	-294.64	1,902,111.11	1,241,990.48	36.21997129	-107.60074757
2,940.00	8.91	258.350	2,915.21	-46.23	-309.22	1,902,108.37	1,241,975.90	36.21996319	-107.60079688
3,029.00	9.82	263.240	3,003.02	-48.52	-323.51	1,902,106.08	1,241,961.61	36.21995637	-107.60084519
3,119.00	8.52	262.020	3,091.87	-50.35	-337.73	1,902,104.26	1,241,947.38	36.21995080	-107.60089332
3,208.00	9.52	257.930	3,179.77	-52.80	-351.46	1,902,101.80	1,241,933.66	36.21994354	-107.60093973
3,298.00	8.47	256.100	3,268.66	-55.95	-365.17	1,902,098.65	1,241,919.94	36.21993437	-107.60098606
3,387.00	10.50	262.800	3,356.44	-58.54	-379.58	1,902,096.06	1,241,905.53	36.21992670	-107.60103477
3,477.00	10.35	262.600	3,444.96	-60.61	-395.73	1,902,093.99	1,241,889.38	36.21992040	-107.60108943
3,566.00	11.10	257.730	3,532.41	-63.46	-412.03	1,902,091.14	1,241,873.08	36.21991194	-107.60114454
3,656.00	10.49	256.310	3,620.81	-67.24	-428.46	1,902,087.36	1,241,856.65	36.21990093	-107.60120003
3,745.00	10.23	255.830	3,708.36	-71.10	-444.00	1,902,083.51	1,241,841.12	36.21988976	-107.60125250
3,835.00	10.07	256.700	3,796.95	-74.86	-459.40	1,902,079.74	1,241,825.71	36.21987883	-107.60130454
3,924.00	9.51	252.100	3,884.66	-78.91	-473.97	1,902,075.69	1,241,811.15	36.21986715	-107.60135373
4,014.00	10.13	258.400	3,973.34	-82.79	-488.80	1,902,071.82	1,241,796.32	36.21985593	-107.60140381
4,103.00	8.90	256.510	4,061.12	-85.97	-503.16	1,902,068.64	1,241,781.95	36.21984665	-107.60145233
4,193.00	9.45	252.700	4,149.96	-89.79	-516.99	1,902,064.81	1,241,768.13	36.21983562	-107.60149901
4,282.00	7.55	254.580	4,237.98	-93.52	-529.60	1,902,061.09	1,241,755.52	36.21982490	-107.60154158
4,371.00	5.04	246.550	4,326.44	-96.63	-538.82	1,902,057.98	1,241,746.29	36.21981601	-107.60157270
4,461.00	2.59	236.360	4,416.24	-99.33	-544.14	1,902,055.28	1,241,740.97	36.21980839	-107.60159061
4,550.00	1.24	105.910	4,505.21	-100.71	-544.89	1,902,053.90	1,241,740.22	36.21980457	-107.60159308
4,640.00	0.89	91.690	4,595.19	-100.99	-543.26	1,902,053.61	1,241,741.86	36.21980385	-107.60158752
4,729.00	1.40	101.230	4,684.17	-101.23	-541.50	1,902,053.38	1,241,743.62	36.21980328	-107.60158156
4,819.00	0.95	99.150	4,774.16	-101.56	-539.68	1,902,053.04	1,241,745.43	36.21980243	-107.60157539
4,909.00	4.11	143.640	4,864.06	-104.28	-537.03	1,902,050.33	1,241,748.08	36.21979507	-107.60156628
4,953.00	8.27	149.520	4,907.80	-108.27	-534.49	1,902,046.33	1,241,750.62	36.21978419	-107.60155748
4,998.00	12.22	144.710	4,952.07	-114.95	-530.10	1,902,039.65	1,241,755.02	36.21976601	-107.60154227
5,043.00	16.28	145.170	4,995.68	-124.02	-523.74	1,902,030.58	1,241,761.37	36.21974135	-107.60152029
5,088.00	20.30	144.840	5,038.39	-135.59	-515.64	1,902,019.02	1,241,769.47	36.21970990	-107.60149229
5,133.00	24.27	144.600	5,080.02	-149.51	-505.79	1,902,005.09	1,241,779.33	36.21967203	-107.60145823
5,177.00	27.65	141.400	5,119.58	-164.87	-494.17	1,901,989.74	1,241,790.94	36.21963030	-107.60141814
5,222.00	30.99	136.860	5,158.82	-181.49	-479.73	1,901,973.12	1,241,805.38	36.21958521	-107.60136841
5,267.00	34.89	133.650	5,196.58	-198.83	-462.49	1,901,955.77	1,241,822.63	36.21953824	-107.60130915
5,311.00	40.10	130.580	5,231.48	-216.75	-442.61	1,901,937.85	1,241,842.51	36.21948979	-107.60124091
5,356.00	44.91	130.460	5,264.64	-236.50	-419.50	1,901,918.11	1,241,865.62	36.21943644	-107.60116166
5,401.00	51.16	130.740	5,294.72	-258.27	-394.11	1,901,896.34	1,241,891.01	36.21937763	-107.60107458
5,445.00	56.57	130.280	5,320.66	-281.34	-367.10	1,901,873.27	1,241,918.02	36.21931530	-107.60098194



Survey Report - Geographic



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well North Alamito Unit 005 H
Project:	Sandoval County, New Mexico NAD83 NM C	TVD Reference:	RKB=7025+23.5 @ 7048.50ft (Ensign 140)
Site:	North Alamito Unit (05 & 06)	MD Reference:	RKB=7025+23.5 @ 7048.50ft (Ensign 140)
Well:	North Alamito Unit 005 H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	MWD surveys	Database:	DT_Mar1724_v17

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
5,490.00	63.03	131.180	5,343.28	-306.71	-337.65	1,901,847.90	1,241,947.47	36.21924675	-107.60088093
5,535.00	68.81	131.360	5,361.63	-333.80	-306.78	1,901,820.81	1,241,978.33	36.21917354	-107.60077504
5,544.30	70.05	131.188	5,364.90	-339.54	-300.24	1,901,815.07	1,241,984.87	36.21915801	-107.60075259
FTP @ 5544.30 MD 5364.90 TVD									
5,573.00	73.88	130.673	5,373.79	-357.41	-279.63	1,901,797.19	1,242,005.49	36.21910971	-107.60068188
330 ppd @ 5573.00 MD 5373.79 TVD									
5,580.00	74.81	130.550	5,375.67	-361.80	-274.51	1,901,792.80	1,242,010.61	36.21909786	-107.60066433
5,651.00	79.90	129.766	5,391.21	-406.46	-221.58	1,901,748.14	1,242,063.54	36.21897724	-107.60048281
9 5/8" Shoe @ 5651.00 MD 5391.21 TVD									
5,671.00	81.34	129.550	5,394.47	-419.05	-206.38	1,901,735.55	1,242,078.73	36.21894323	-107.60043073
5,758.00	86.51	127.890	5,403.67	-473.14	-138.91	1,901,681.46	1,242,146.21	36.21879726	-107.60019948
5,847.00	90.25	128.050	5,406.19	-527.87	-68.79	1,901,626.74	1,242,216.33	36.21864965	-107.59995924
5,935.00	89.64	127.160	5,406.27	-581.57	0.93	1,901,573.04	1,242,286.04	36.21850484	-107.59972042
6,024.00	90.65	128.960	5,406.05	-636.43	71.00	1,901,518.17	1,242,356.11	36.21835684	-107.59948034
6,113.00	90.35	128.870	5,405.27	-692.34	140.25	1,901,462.27	1,242,425.36	36.21820595	-107.59924300
6,202.00	90.03	128.590	5,404.98	-748.02	209.67	1,901,406.59	1,242,494.79	36.21805568	-107.59900507
6,290.00	90.68	130.440	5,404.43	-804.01	277.56	1,901,350.60	1,242,562.67	36.21790451	-107.59877235
6,379.00	90.13	129.960	5,403.80	-861.45	345.53	1,901,293.16	1,242,630.65	36.21774934	-107.59853925
6,467.00	89.60	129.720	5,404.01	-917.83	413.10	1,901,236.78	1,242,698.22	36.21759709	-107.59830759
6,555.00	89.27	132.450	5,404.88	-975.65	479.42	1,901,178.96	1,242,764.54	36.21744082	-107.59808009
6,644.00	88.44	132.760	5,406.66	-1,035.89	544.92	1,901,118.72	1,242,830.03	36.21727790	-107.59785528
6,732.00	89.86	133.270	5,407.96	-1,095.91	609.25	1,901,058.70	1,242,894.36	36.21711550	-107.59763440
6,821.00	89.14	132.630	5,408.74	-1,156.55	674.39	1,900,998.06	1,242,959.50	36.21695145	-107.59741077
6,910.00	88.57	131.920	5,410.52	-1,216.40	740.23	1,900,938.20	1,243,025.34	36.21678958	-107.59718481
6,998.00	90.93	132.000	5,410.90	-1,275.24	805.66	1,900,879.37	1,243,090.77	36.21663050	-107.59696027
7,087.00	90.82	131.170	5,409.54	-1,334.30	872.22	1,900,820.30	1,243,157.34	36.21647082	-107.59673190
7,175.00	90.99	130.870	5,408.15	-1,392.05	938.61	1,900,762.56	1,243,223.72	36.21631475	-107.59650419
7,264.00	90.08	129.630	5,407.32	-1,449.55	1,006.53	1,900,705.06	1,243,291.64	36.21615943	-107.59627128
7,353.00	89.88	129.150	5,407.35	-1,506.03	1,075.31	1,900,648.58	1,243,360.43	36.21600694	-107.59603550
7,442.00	89.96	128.480	5,407.47	-1,561.82	1,144.66	1,900,592.79	1,243,429.77	36.21585637	-107.59579785
7,530.00	89.96	130.060	5,407.54	-1,617.52	1,212.79	1,900,537.09	1,243,497.90	36.21570599	-107.59556435
7,619.00	89.86	129.430	5,407.68	-1,674.42	1,281.22	1,900,480.19	1,243,566.33	36.21555232	-107.59532974
7,708.00	89.70	128.260	5,408.02	-1,730.24	1,350.53	1,900,424.37	1,243,635.64	36.21540166	-107.59509220
7,796.00	91.16	129.780	5,407.36	-1,785.64	1,418.90	1,900,368.97	1,243,704.01	36.21525212	-107.59485790
7,885.00	91.02	128.900	5,405.66	-1,842.05	1,487.72	1,900,312.56	1,243,772.83	36.21509982	-107.59462201
7,974.00	91.86	131.440	5,403.43	-1,899.43	1,555.70	1,900,255.17	1,243,840.81	36.21494480	-107.59438891
8,063.00	91.40	130.790	5,400.90	-1,957.93	1,622.72	1,900,196.67	1,243,907.83	36.21478669	-107.59415901
8,151.00	90.17	129.340	5,399.69	-2,014.57	1,690.06	1,900,140.04	1,243,975.17	36.21463372	-107.59392813
8,239.00	90.58	131.570	5,399.11	-2,071.66	1,757.01	1,900,082.95	1,244,042.12	36.21447947	-107.59369853
8,328.00	89.89	131.290	5,398.75	-2,130.55	1,823.74	1,900,024.06	1,244,108.85	36.21432027	-107.59346962
8,416.00	89.95	130.320	5,398.87	-2,188.06	1,890.35	1,899,966.55	1,244,175.46	36.21416487	-107.59324117
8,505.00	91.63	132.620	5,397.64	-2,246.99	1,957.03	1,899,907.62	1,244,242.14	36.21400557	-107.59301243
8,593.00	91.03	131.760	5,395.60	-2,306.07	2,022.21	1,899,848.54	1,244,307.32	36.21384579	-107.59278875
8,682.00	89.70	130.160	5,395.04	-2,364.41	2,089.41	1,899,790.20	1,244,374.52	36.21368813	-107.59255825
8,770.00	90.50	132.080	5,394.88	-2,422.28	2,155.70	1,899,732.33	1,244,440.81	36.21353172	-107.59233087
8,859.00	89.46	131.510	5,394.91	-2,481.59	2,222.06	1,899,673.02	1,244,507.16	36.21337134	-107.59210322
8,947.00	88.85	130.390	5,396.21	-2,539.26	2,288.51	1,899,615.35	1,244,573.62	36.21321549	-107.59187529
9,036.00	91.24	132.070	5,396.14	-2,597.91	2,355.44	1,899,556.70	1,244,640.55	36.21305695	-107.59164572
9,124.00	91.19	132.120	5,394.27	-2,656.89	2,420.72	1,899,497.72	1,244,705.83	36.21289745	-107.59142170
9,213.00	90.52	131.700	5,392.95	-2,716.33	2,486.95	1,899,438.28	1,244,772.06	36.21273672	-107.59119447
9,302.00	89.76	131.060	5,392.73	-2,775.16	2,553.73	1,899,379.45	1,244,838.84	36.21257768	-107.59096539
9,390.00	89.32	130.690	5,393.44	-2,832.75	2,620.27	1,899,321.86	1,244,905.37	36.21242205	-107.59073719
9,479.00	90.69	131.150	5,393.43	-2,891.04	2,687.51	1,899,263.57	1,244,972.62	36.21226451	-107.59050655
9,567.00	90.53	131.050	5,392.49	-2,948.89	2,753.82	1,899,205.72	1,245,038.93	36.21210816	-107.59027912
9,656.00	90.03	130.670	5,392.06	-3,007.11	2,821.13	1,899,147.50	1,245,106.24	36.21195081	-107.59004827



Survey Report - Geographic



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well North Alamito Unit 005 H
Project:	Sandoval County, New Mexico NAD83 NM C	TVD Reference:	RKB=7025+23.5 @ 7048.50ft (Ensign 140)
Site:	North Alamito Unit (05 & 06)	MD Reference:	RKB=7025+23.5 @ 7048.50ft (Ensign 140)
Well:	North Alamito Unit 005 H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	MWD surveys	Database:	DT_Mar1724_v17

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
9,745.00	89.76	130.070	5,392.22	-3,064.76	2,888.94	1,899,089.85	1,245,174.05	36.21179506	-107.58981578
9,833.00	89.98	129.390	5,392.42	-3,121.01	2,956.62	1,899,033.61	1,245,241.73	36.21164316	-107.58958378
9,922.00	89.37	127.980	5,392.92	-3,176.63	3,026.09	1,898,977.98	1,245,311.20	36.21149302	-107.58934575
10,010.00	91.13	127.940	5,392.54	-3,230.76	3,095.47	1,898,923.85	1,245,380.58	36.21134700	-107.58910809
10,099.00	90.63	127.560	5,391.17	-3,285.24	3,165.83	1,898,869.37	1,245,450.94	36.21120004	-107.58886708
10,188.00	91.54	129.500	5,389.49	-3,340.67	3,235.44	1,898,813.94	1,245,520.54	36.21105046	-107.58862859
10,277.00	91.27	128.980	5,387.31	-3,396.95	3,304.35	1,898,757.66	1,245,589.45	36.21089850	-107.58839242
10,366.00	91.95	130.260	5,384.80	-3,453.68	3,372.87	1,898,700.93	1,245,657.98	36.21074529	-107.58815753
10,455.00	91.62	130.040	5,382.03	-3,511.04	3,440.87	1,898,643.57	1,245,725.98	36.21059034	-107.58792442
10,544.00	91.48	129.890	5,379.62	-3,568.18	3,509.06	1,898,586.43	1,245,794.16	36.21043598	-107.58769066
10,632.00	90.70	129.280	5,377.95	-3,624.25	3,576.86	1,898,530.36	1,245,861.97	36.21028457	-107.58745825
10,720.00	90.09	129.140	5,377.34	-3,679.88	3,645.05	1,898,474.74	1,245,930.15	36.21013438	-107.58722458
10,809.00	89.69	130.280	5,377.52	-3,736.74	3,713.51	1,898,417.88	1,245,998.62	36.20998081	-107.58698989
10,897.00	89.23	129.610	5,378.34	-3,793.23	3,780.97	1,898,361.38	1,246,066.08	36.20982820	-107.58675863
10,986.00	90.28	132.250	5,378.73	-3,851.53	3,848.21	1,898,303.08	1,246,133.31	36.20967063	-107.58652806
11,074.00	89.88	132.160	5,378.60	-3,910.65	3,913.39	1,898,243.96	1,246,198.50	36.20951074	-107.58630439
11,163.00	89.80	131.980	5,378.85	-3,970.29	3,979.46	1,898,184.33	1,246,264.57	36.20934946	-107.58607771
11,251.00	89.42	131.550	5,379.45	-4,028.90	4,045.10	1,898,125.71	1,246,330.20	36.20919097	-107.58585254
11,340.00	89.24	131.150	5,380.49	-4,087.69	4,111.90	1,898,066.92	1,246,397.01	36.20903202	-107.58562339
11,429.00	89.10	131.040	5,381.78	-4,146.19	4,178.97	1,898,008.43	1,246,464.07	36.20887391	-107.58539338
11,517.00	89.27	130.880	5,383.03	-4,203.87	4,245.41	1,897,950.74	1,246,530.52	36.20871801	-107.58516551
11,606.00	89.27	130.810	5,384.17	-4,262.07	4,312.74	1,897,892.54	1,246,597.84	36.20856071	-107.58493465
11,694.00	89.19	130.480	5,385.35	-4,319.39	4,379.50	1,897,835.23	1,246,664.61	36.20840582	-107.58470572
11,783.00	88.82	130.120	5,386.89	-4,376.94	4,447.37	1,897,777.67	1,246,732.47	36.20825032	-107.58447304
11,872.00	87.92	129.420	5,389.43	-4,433.85	4,515.75	1,897,720.76	1,246,800.85	36.20809660	-107.58423866
Survey @ 11872.00 MD 5389.42 TVD									
11,960.10	87.92	129.420	5,392.62	-4,489.76	4,583.76	1,897,664.86	1,246,868.86	36.20794563	-107.58400557
LTP @ 11960.10 MD 5392.62 TVD									
12,010.00	87.92	129.420	5,394.43	-4,521.42	4,622.28	1,897,633.19	1,246,907.39	36.20786012	-107.58387354
Survey proj. to 12010 MD 5394.43 TVD 967 FSL 1490 FWL									

Design Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
440.00	440.00	0.09	-1.46	MWD surveys
5,544.30	5,364.90	-339.54	-300.24	FTP @ 5544.30 MD 5364.90 TVD
5,573.00	5,373.79	-357.41	-279.63	330 ppd @ 5573.00 MD 5373.79 TVD
5,651.00	5,391.21	-406.46	-221.58	9 5/8" Shoe @ 5651.00 MD 5391.21 TVD
11,872.00	5,389.43	-4,433.85	4,515.75	Survey @ 11872.00 MD 5389.42 TVD
11,960.10	5,392.62	-4,489.76	4,583.76	LTP @ 11960.10 MD 5392.62 TVD
12,010.00	5,394.43	-4,521.42	4,622.28	Survey proj. to 12010 MD 5394.43 TVD 967 FSL 1490 FWL

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ACKNOWLEDGMENTS

Action 353412

ACKNOWLEDGMENTS

Operator: DJR OPERATING, LLC 200 Energy Court Farmington, NM 87401	OGRID: 371838
	Action Number: 353412
	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 353412

CONDITIONS

Operator: DJR OPERATING, LLC 200 Energy Court Farmington, NM 87401	OGRID: 371838
	Action Number: 353412
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	RT EXPIRES 10/18/2024.	7/18/2024