

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 30-039-31429	⁵ Pool Name Alamito N; Mancos (O)		⁶ Pool Code 98174
⁷ Property Code 325267	⁸ Property Name North Alamito Unit		⁹ Well Number 006H

II. ¹⁰ Surface Location

UL or lot no. N	Section 17	Township 23N	Range 7W	Lot Idn	Feet from the 88'	North/South Line South	Feet from the 2016'	East/West line West	County Rio Arriba
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¹¹ Bottom Hole Location

UL or lot no. M	Section 21	Township 23N	Range 7W	Lot Idn	Feet from the 38'	North/South line South	Feet from the 733'	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 02/07/2023	²² Ready Date 07/18/2024	²³ TD 14,030' MD 5,358' TVD	²⁴ PBDT 14,020' MD 5,358' TVD	²⁵ Perforations 6,175' – 13,980' MD 5,342' – 5,393' TVD Frac Sleeve @ 13,981'	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set	³⁰ Sacks Cement
12.25		9.625" 36# J55		409'	109
8.75		7" 26# J55		6,314'	775
6.125		4.5" 11.6# P110		TOL: 6,169' BOL: 14,020'	649

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 30-039-31429	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 006H
⁷ OGRID 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		88'	SOUTH	2016'	WEST	RIO ARRIBA

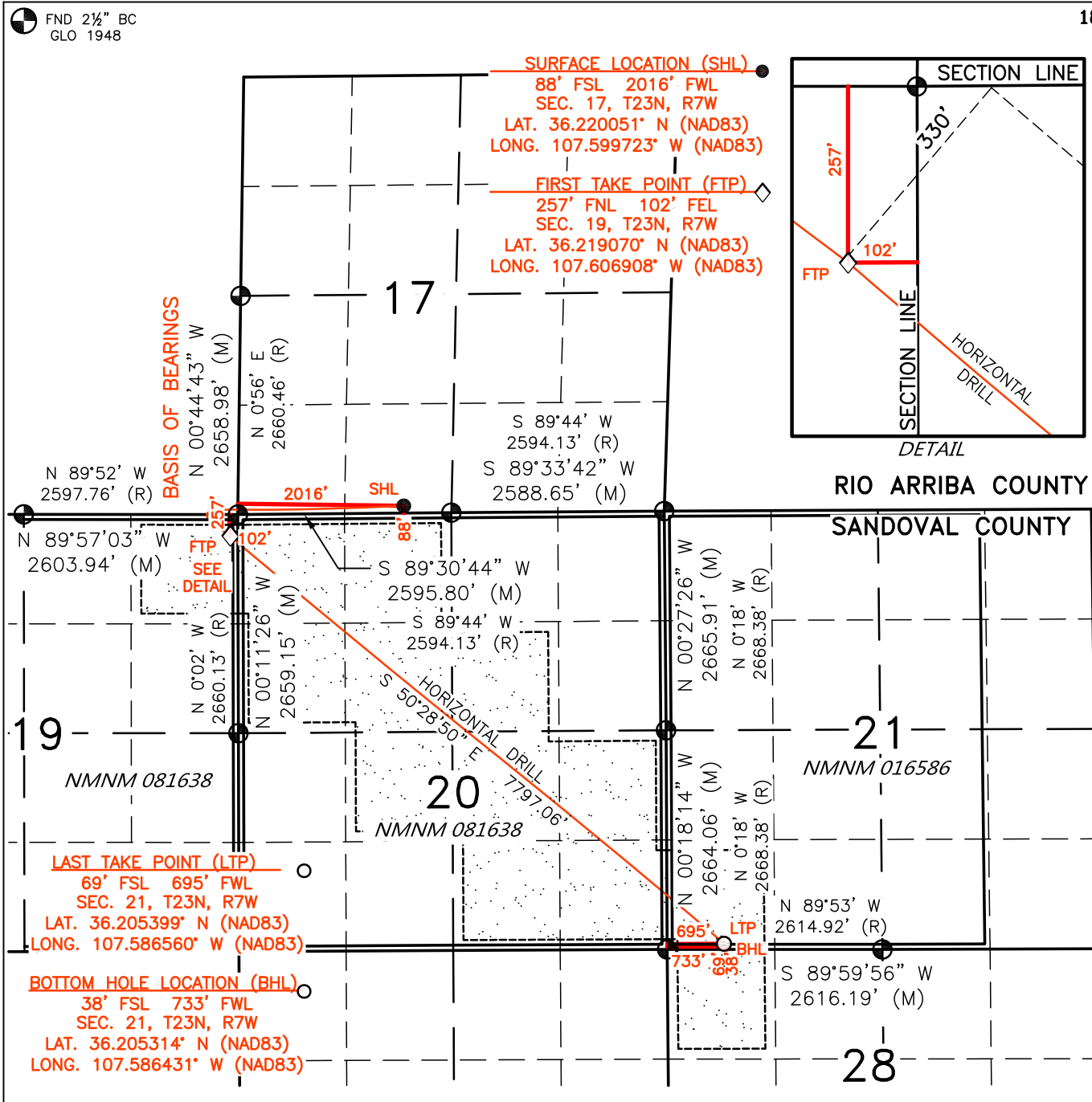
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	21	23N	7W		38'	SOUTH	733'	WEST	SANDOVAL

¹² Dedicated Acres PENETRATED SPACING UNIT; SEC 19: NE/NE (40 AC.); SEC 20: NW/4, SW/NE, NE/SW & SE/4 (400 AC.); SEC 21: SW/SW (40 AC.); SEC 28: NW/NW (40 AC.) = 520 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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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 006 H
Site: North Alamito Unit (05 & 06)
Project: Sandoval County, New Mexico NAD83 NM C
Design: MWD surveys
Rig: Ensign 140

ANNOTATIONS SURVEYS



MD	Inc	Azi	TVD	+N/-S	+E/-W	Vsect	Annotation
396.00	0.97	274.400	395.98	0.26	-3.34	-2.71	MWD surveys
6169.00	69.14	130.580	5340.32	-323.76	-2129.08	-1407.45	330 ppd @ 6169.00 MD 5340.32 TVD
6175.51	69.76	130.636	5342.60	-327.72	-2124.46	-1401.36	FTP @ 6175.51 MD 5342.60 TVD
6314.00	81.74	132.287	5375.33	-416.57	-2023.76	-1267.09	9 5/8" Shoe @ 6314.00 MD 5375.33 TVD
13925.00	89.45	130.040	5356.92	-5351.75	3766.70	6341.15	Survey @ 13925.00 MD 5356.92 TVD
13980.80	89.45	130.040	5357.45	-5387.65	3809.42	6396.95	LTP @ 13980.80 MD 5357.45 TVD
14030.00	89.45	130.040	5357.93	-5419.30	3847.08	6446.14	Survey proj. to 14030 MD 5357.93 TVD 38 FSL 733 FWL



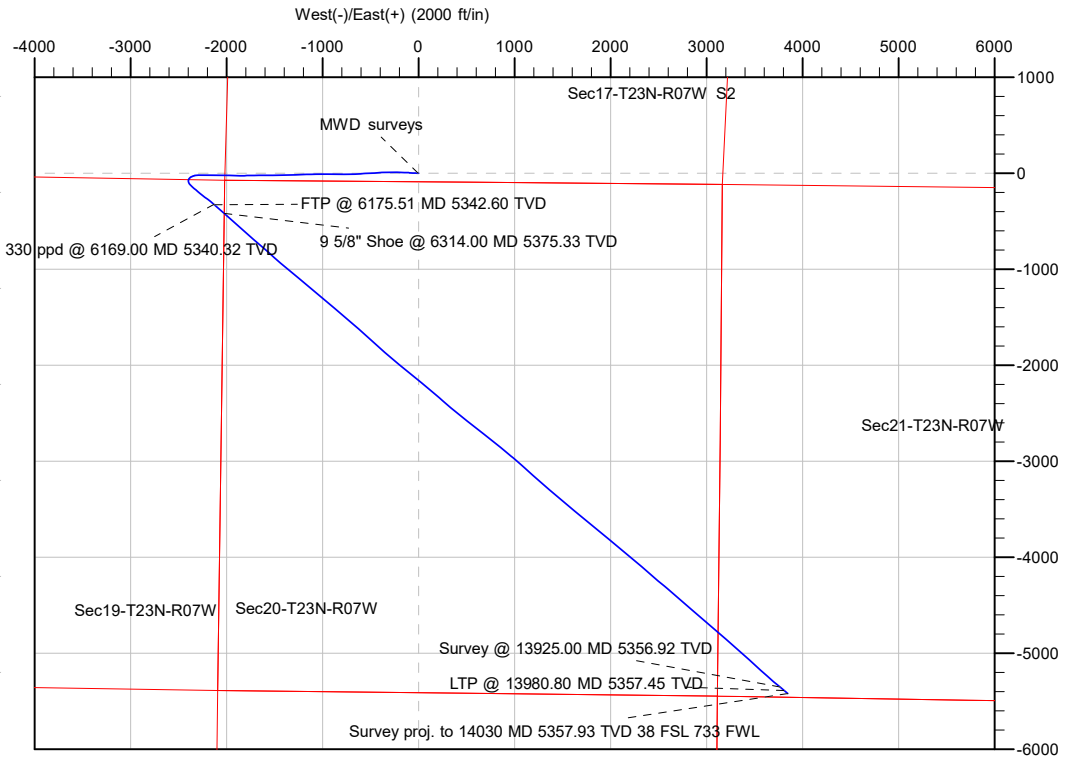
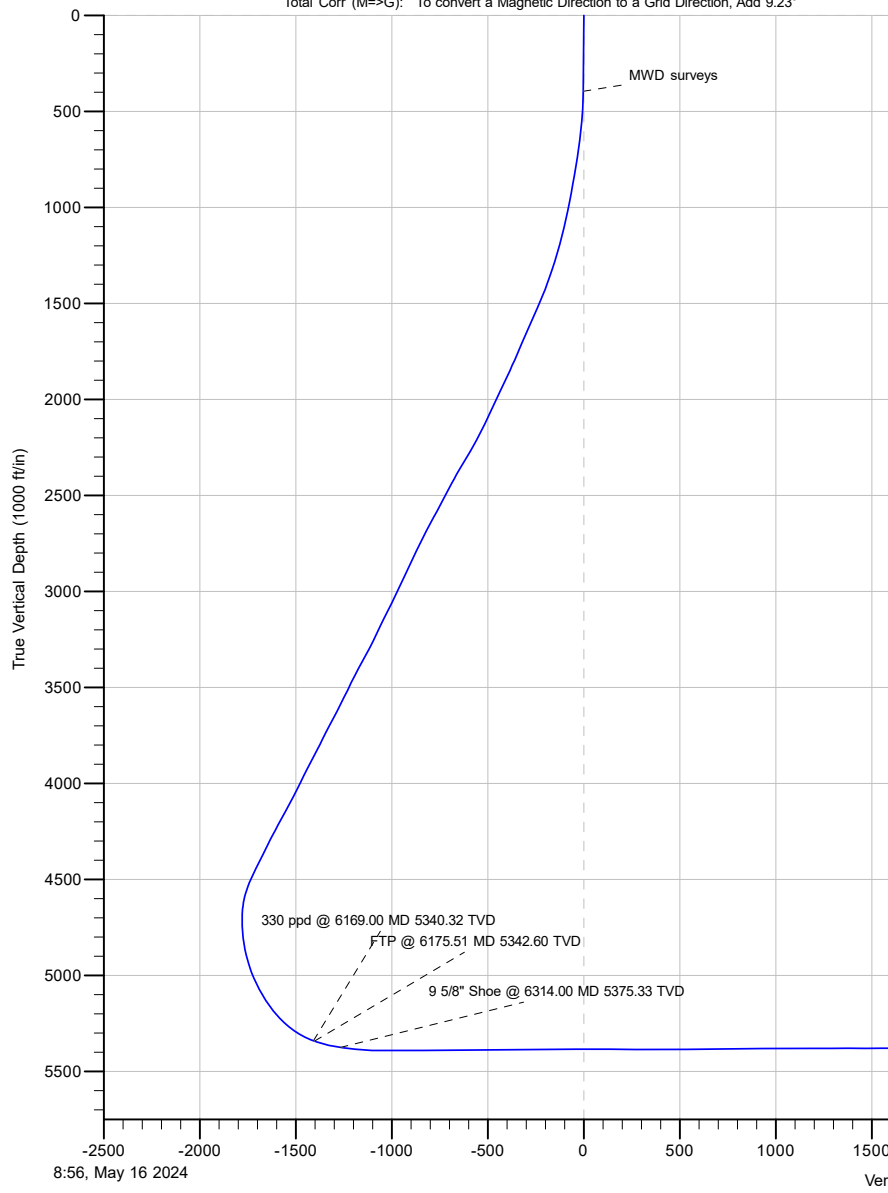
Azimuths to Grid North
True North: 0.80°
Magnetic North: 9.23°

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 1902135.92 Easting 1242293.12 Latitude 36.22005100 Longitude -107.59972300

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



8:56, May 16 2024

Vertical Section at 130.544° (1000 ft/in)

South(-)/North(+) (2000 ft/in)



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well North Alamito Unit 006 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 006 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

Well	North Alamito Unit 006 H, Surf loc: 88 FSL 2016 FWL Section 17-T23N-R07W		
Well Position	+N/-S	0.00 ft	Northing: 1,902,135.92 usft
	+E/-W	0.00 ft	Easting: 1,242,293.12 usft
Position Uncertainty	0.00 ft	Wellhead Elevation:	ft
Grid Convergence:	-0.80 °	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	49,028.61291642

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	130.544	

Survey Program	Date	5/16/2024			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
396.00	6,252.00	MWD int (Original Hole)	MWD	OWSG MWD - Standard	
6,327.00	13,925.00	MWD (Original Hole)	MWD	OWSG MWD - Standard	
14,030.00	14,030.00	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
396.00	0.97	274.400	395.98	0.26	-3.34	-2.71	0.24	0.24	0.00
MWD surveys									
485.00	3.34	274.790	484.91	0.53	-6.68	-5.42	2.66	2.66	0.44
575.00	6.98	278.520	574.53	1.56	-14.70	-12.19	4.06	4.04	4.14
664.00	9.96	271.320	662.55	2.54	-27.75	-22.74	3.55	3.35	-8.09
754.00	11.11	272.070	751.04	3.03	-44.19	-35.55	1.29	1.28	0.83
843.00	11.90	273.360	838.25	3.88	-61.92	-49.58	0.93	0.89	1.45



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well North Alamito Unit 006 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 006 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	13.21	273.720	926.09	5.09	-81.45	-65.20	1.46	1.46	0.40
1,022.00	14.89	272.100	1,012.43	6.17	-103.03	-82.30	1.94	1.89	-1.82
1,115.00	16.65	271.040	1,101.92	6.85	-128.29	-101.94	1.92	1.89	-1.14
1,212.00	18.72	273.230	1,194.34	7.98	-157.73	-125.05	2.24	2.13	2.26
1,306.00	22.09	272.920	1,282.42	9.73	-190.45	-151.05	3.59	3.59	-0.33
1,400.00	24.96	270.130	1,368.61	10.68	-227.95	-180.16	3.27	3.05	-2.97
1,494.00	27.47	270.810	1,452.93	11.03	-269.46	-211.93	2.69	2.67	0.72
1,589.00	30.67	268.200	1,535.96	10.58	-315.60	-246.70	3.62	3.37	-2.75
1,681.00	30.78	267.460	1,615.04	8.80	-362.57	-281.24	0.43	0.12	-0.80
1,773.00	32.17	266.950	1,693.50	6.45	-410.55	-316.17	1.54	1.51	-0.55
1,864.00	30.25	265.640	1,771.33	3.42	-457.60	-349.96	2.24	-2.11	-1.44
1,954.00	32.17	267.440	1,848.30	0.62	-504.15	-383.51	2.37	2.13	2.00
2,044.00	33.85	267.500	1,923.77	-1.54	-553.13	-419.32	1.87	1.87	0.07
2,134.00	32.49	266.090	1,999.11	-4.28	-602.29	-454.90	1.74	-1.51	-1.57
2,223.00	33.36	266.570	2,073.81	-7.38	-650.56	-489.57	1.02	0.98	0.54
2,313.00	33.57	267.980	2,148.89	-9.73	-700.13	-525.71	0.89	0.23	1.57
2,403.00	35.87	270.140	2,222.87	-10.55	-751.38	-564.12	2.90	2.56	2.40
2,492.00	37.88	271.740	2,294.06	-9.65	-804.77	-605.28	2.50	2.26	1.80
2,582.00	37.42	270.910	2,365.32	-8.38	-859.73	-647.87	0.76	-0.51	-0.92
2,671.00	34.54	269.870	2,437.33	-8.01	-912.01	-687.84	3.31	-3.24	-1.17
2,761.00	35.54	269.620	2,511.02	-8.24	-963.68	-726.95	1.12	1.11	-0.28
2,851.00	34.67	269.120	2,584.65	-8.81	-1,015.43	-765.91	1.02	-0.97	-0.56
2,940.00	34.80	269.060	2,657.79	-9.61	-1,066.14	-803.92	0.15	0.15	-0.07
3,030.00	34.48	268.910	2,731.83	-10.52	-1,117.29	-842.20	0.37	-0.36	-0.17
3,119.00	33.71	268.630	2,805.53	-11.59	-1,167.17	-879.41	0.88	-0.87	-0.31
3,208.00	32.02	268.580	2,880.29	-12.76	-1,215.45	-915.33	1.90	-1.90	-0.06
3,298.00	31.66	267.700	2,956.74	-14.30	-1,262.90	-950.39	0.65	-0.40	-0.98
3,387.00	33.36	267.700	3,031.79	-16.22	-1,310.69	-985.46	1.91	1.91	0.00
3,477.00	35.26	268.370	3,106.13	-17.95	-1,361.39	-1,022.86	2.15	2.11	0.74
3,566.00	32.71	267.310	3,179.92	-19.81	-1,411.10	-1,059.42	2.94	-2.87	-1.19
3,656.00	33.35	268.630	3,255.38	-21.55	-1,460.12	-1,095.55	1.07	0.71	1.47
3,745.00	35.09	271.660	3,328.97	-21.39	-1,510.16	-1,133.67	2.74	1.96	3.40
3,835.00	34.40	270.560	3,402.93	-20.39	-1,561.44	-1,173.29	1.04	-0.77	-1.22
3,924.00	33.20	269.990	3,476.88	-20.15	-1,610.95	-1,211.07	1.39	-1.35	-0.64
4,014.00	34.33	267.660	3,551.70	-21.19	-1,660.95	-1,248.39	1.91	1.26	-2.59
4,104.00	34.77	268.340	3,625.83	-22.97	-1,711.96	-1,286.00	0.65	0.49	0.76
4,193.00	34.89	269.990	3,698.89	-23.71	-1,762.78	-1,324.14	1.07	0.13	1.85
4,282.00	33.09	268.470	3,772.68	-24.36	-1,812.52	-1,361.51	2.24	-2.02	-1.71
4,371.00	34.23	271.540	3,846.76	-24.34	-1,861.84	-1,399.00	2.30	1.28	3.45
4,461.00	33.94	271.110	3,921.30	-23.17	-1,912.26	-1,438.08	0.42	-0.32	-0.48
4,550.00	32.36	270.840	3,995.81	-22.34	-1,960.92	-1,475.60	1.78	-1.78	-0.30
4,640.00	33.97	271.150	4,071.15	-21.48	-2,010.15	-1,513.56	1.80	1.79	0.34
4,729.00	35.34	270.640	4,144.36	-20.70	-2,060.75	-1,552.52	1.57	1.54	-0.57



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well North Alamito Unit 006 H
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Well:	North Alamito Unit 006 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	35.78	270.470	4,217.57	-20.19	-2,113.09	-1,592.62	0.50	0.49	-0.19
4,909.00	33.48	270.290	4,291.63	-19.85	-2,164.23	-1,631.71	2.56	-2.56	-0.20
4,998.00	32.67	270.230	4,366.20	-19.63	-2,212.80	-1,668.76	0.91	-0.91	-0.07
5,088.00	32.44	271.440	4,442.06	-18.92	-2,261.22	-1,706.01	0.77	-0.26	1.34
5,177.00	31.54	265.550	4,517.56	-20.13	-2,308.30	-1,741.01	3.65	-1.01	-6.62
5,222.00	30.31	255.660	4,556.19	-23.86	-2,331.05	-1,755.87	11.61	-2.73	-21.98
5,267.00	25.12	250.140	4,596.02	-29.92	-2,351.05	-1,767.13	12.86	-11.53	-12.27
5,311.00	20.28	242.400	4,636.61	-36.63	-2,366.61	-1,774.59	12.90	-11.00	-17.59
5,356.00	17.32	229.050	4,679.23	-44.64	-2,378.59	-1,778.49	11.57	-6.58	-29.67
5,401.00	16.09	217.980	4,722.34	-53.95	-2,387.49	-1,779.20	7.57	-2.73	-24.60
5,445.00	14.62	204.120	4,764.78	-63.83	-2,393.51	-1,777.36	8.96	-3.34	-31.50
5,490.00	13.20	189.530	4,808.47	-74.08	-2,396.68	-1,773.10	8.38	-3.16	-32.42
5,535.00	12.89	169.640	4,852.33	-84.09	-2,396.63	-1,766.56	9.95	-0.69	-44.20
5,580.00	15.23	161.090	4,895.99	-94.62	-2,393.81	-1,757.57	6.94	5.20	-19.00
5,625.00	17.83	149.770	4,939.13	-106.17	-2,388.43	-1,745.97	9.17	5.78	-25.16
5,670.00	20.88	140.160	4,981.60	-118.29	-2,379.82	-1,731.55	9.78	6.78	-21.36
5,715.00	24.09	133.050	5,023.18	-130.72	-2,367.96	-1,714.46	9.34	7.13	-15.80
5,759.00	27.50	133.320	5,062.79	-143.82	-2,354.00	-1,695.34	7.75	7.75	0.61
5,804.00	30.74	128.990	5,102.10	-158.19	-2,337.50	-1,673.45	8.58	7.20	-9.62
5,849.00	33.56	130.960	5,140.20	-173.59	-2,319.16	-1,649.51	6.68	6.27	4.38
5,893.00	37.52	130.620	5,175.99	-190.29	-2,299.80	-1,623.94	9.01	9.00	-0.77
5,938.00	41.57	129.090	5,210.69	-208.63	-2,277.80	-1,595.30	9.26	9.00	-3.40
5,983.00	45.93	127.320	5,243.19	-227.86	-2,253.35	-1,564.22	10.06	9.69	-3.93
6,028.00	51.69	126.310	5,272.81	-248.13	-2,226.24	-1,530.44	12.91	12.80	-2.24
6,072.00	58.23	126.940	5,298.06	-269.62	-2,197.35	-1,494.52	14.91	14.86	1.43
6,117.00	64.19	127.690	5,319.72	-293.52	-2,166.00	-1,455.17	13.32	13.24	1.67
6,162.00	68.47	130.520	5,337.79	-319.52	-2,134.04	-1,413.98	11.12	9.51	6.29
6,169.00	69.14	130.580	5,340.32	-323.76	-2,129.08	-1,407.45	9.59	9.55	0.86
330 ppd @ 6169.00 MD 5340.32 TVD									
6,175.51	69.76	130.636	5,342.60	-327.72	-2,124.46	-1,401.36	9.59	9.56	0.86
FTP @ 6175.51 MD 5342.60 TVD									
6,207.00	72.77	130.900	5,352.71	-347.20	-2,101.87	-1,371.54	9.59	9.56	0.84
6,252.00	77.60	131.500	5,364.22	-375.85	-2,069.15	-1,328.05	10.81	10.73	1.33
6,314.00	81.74	132.287	5,375.33	-416.57	-2,023.76	-1,267.09	6.80	6.68	1.27
9 5/8" Shoe @ 6314.00 MD 5375.33 TVD									
6,327.00	82.61	132.450	5,377.10	-425.25	-2,014.25	-1,254.21	6.80	6.68	1.25
6,390.00	83.16	132.170	5,384.91	-467.33	-1,968.02	-1,191.73	0.98	0.87	-0.44
6,479.00	88.06	131.690	5,391.72	-526.61	-1,902.02	-1,103.04	5.53	5.51	-0.54
6,567.00	90.69	131.230	5,392.68	-584.86	-1,836.08	-1,015.07	3.03	2.99	-0.52
6,655.00	90.61	131.260	5,391.68	-642.88	-1,769.91	-927.08	0.10	-0.09	0.03
6,744.00	90.34	130.790	5,390.94	-701.29	-1,702.77	-838.09	0.61	-0.30	-0.53
6,833.00	90.62	131.150	5,390.19	-759.64	-1,635.58	-749.09	0.51	0.31	0.40
6,921.00	90.45	131.320	5,389.37	-817.65	-1,569.40	-661.10	0.27	-0.19	0.19
7,010.00	90.18	131.380	5,388.88	-876.44	-1,502.59	-572.11	0.31	-0.30	0.07



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well North Alamito Unit 006 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 006 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)	
7,098.00	89.90	131.430	5,388.82	-934.65	-1,436.59	-484.12	0.32	-0.32	0.06	
7,186.00	91.09	129.940	5,388.06	-992.01	-1,369.86	-396.13	2.17	1.35	-1.69	
7,275.00	90.73	129.380	5,386.65	-1,048.80	-1,301.35	-307.15	0.75	-0.40	-0.63	
7,364.00	90.15	128.840	5,385.96	-1,104.94	-1,232.30	-218.18	0.89	-0.65	-0.61	
7,453.00	90.50	130.170	5,385.46	-1,161.56	-1,163.63	-129.20	1.55	0.39	1.49	
7,542.00	90.42	130.150	5,384.74	-1,218.95	-1,095.62	-40.21	0.09	-0.09	-0.02	
7,630.00	89.97	130.110	5,384.45	-1,275.67	-1,028.33	47.79	0.51	-0.51	-0.05	
7,719.00	89.96	130.500	5,384.50	-1,333.24	-960.46	136.79	0.44	-0.01	0.44	
7,808.00	89.63	130.250	5,384.82	-1,390.89	-892.66	225.79	0.47	-0.37	-0.28	
7,897.00	89.53	130.400	5,385.47	-1,448.49	-824.81	314.78	0.20	-0.11	0.17	
7,985.00	89.11	130.320	5,386.52	-1,505.47	-757.76	402.78	0.49	-0.48	-0.09	
8,074.00	90.82	130.840	5,386.57	-1,563.36	-690.17	491.77	2.01	1.92	0.58	
8,162.00	90.87	131.390	5,385.27	-1,621.22	-623.88	579.76	0.63	0.06	0.63	
8,251.00	90.74	131.390	5,384.02	-1,680.06	-557.11	668.74	0.15	-0.15	0.00	
8,339.00	90.58	131.870	5,383.01	-1,738.52	-491.34	756.72	0.57	-0.18	0.55	
8,428.00	90.43	132.210	5,382.22	-1,798.12	-425.25	845.69	0.42	-0.17	0.38	
8,516.00	90.90	131.100	5,381.20	-1,856.60	-359.50	933.66	1.37	0.53	-1.26	
8,605.00	90.41	130.610	5,380.18	-1,914.81	-292.19	1,022.65	0.78	-0.55	-0.55	
8,693.00	89.89	130.490	5,379.95	-1,972.02	-225.32	1,110.65	0.61	-0.59	-0.14	
8,782.00	89.61	130.570	5,380.34	-2,029.86	-157.68	1,199.65	0.33	-0.31	0.09	
8,870.00	90.43	128.700	5,380.31	-2,085.99	-89.91	1,287.64	2.32	0.93	-2.13	
8,959.00	90.09	128.220	5,379.91	-2,141.34	-20.22	1,376.58	0.66	-0.38	-0.54	
9,047.00	89.66	128.460	5,380.10	-2,195.93	48.80	1,464.51	0.56	-0.49	0.27	
9,136.00	90.70	130.410	5,379.82	-2,252.46	117.53	1,553.49	2.48	1.17	2.19	
9,225.00	90.15	130.580	5,379.16	-2,310.26	185.21	1,642.48	0.65	-0.62	0.19	
9,313.00	90.36	131.790	5,378.77	-2,368.20	251.44	1,730.48	1.40	0.24	1.38	
9,401.00	90.03	130.650	5,378.47	-2,426.19	317.63	1,818.47	1.35	-0.38	-1.30	
9,490.00	88.96	129.210	5,379.25	-2,483.31	385.87	1,907.46	2.02	-1.20	-1.62	
9,579.00	90.84	128.440	5,379.41	-2,539.10	455.21	1,996.41	2.28	2.11	-0.87	
9,667.00	90.07	127.620	5,378.71	-2,593.31	524.52	2,084.32	1.28	-0.88	-0.93	
9,756.00	91.41	128.240	5,377.56	-2,648.02	594.71	2,173.22	1.66	1.51	0.70	
9,844.00	91.49	128.490	5,375.33	-2,702.62	663.69	2,261.13	0.30	0.09	0.28	
9,933.00	91.27	128.610	5,373.19	-2,758.07	733.27	2,350.05	0.28	-0.25	0.13	
10,022.00	91.06	129.180	5,371.38	-2,813.94	802.52	2,438.99	0.68	-0.24	0.64	
10,111.00	91.00	129.400	5,369.78	-2,870.29	871.39	2,527.96	0.26	-0.07	0.25	
10,200.00	90.15	128.900	5,368.89	-2,926.47	940.41	2,616.93	1.11	-0.96	-0.56	
10,288.00	91.42	130.630	5,367.68	-2,982.75	1,008.04	2,704.90	2.44	1.44	1.97	
10,377.00	90.87	130.820	5,365.90	-3,040.81	1,075.48	2,793.89	0.65	-0.62	0.21	
10,466.00	90.90	132.010	5,364.53	-3,099.67	1,142.21	2,882.86	1.34	0.03	1.34	
10,555.00	90.15	131.810	5,363.71	-3,159.12	1,208.44	2,971.83	0.87	-0.84	-0.22	
10,644.00	91.07	131.490	5,362.77	-3,218.26	1,274.94	3,060.81	1.09	1.03	-0.36	
10,731.00	90.51	130.680	5,361.57	-3,275.43	1,340.51	3,147.80	1.13	-0.64	-0.93	
10,820.00	89.84	130.260	5,361.29	-3,333.20	1,408.21	3,236.80	0.89	-0.75	-0.47	
10,909.00	89.86	130.450	5,361.53	-3,390.83	1,476.04	3,325.79	0.21	0.02	0.21	



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well North Alamito Unit 006 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 006 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)
10,997.00	89.23	130.100	5,362.23	-3,447.71	1,543.17	3,413.79	0.82	-0.72	-0.40
11,086.00	89.11	130.140	5,363.52	-3,505.06	1,611.22	3,502.78	0.14	-0.13	0.04
11,174.00	88.81	129.950	5,365.11	-3,561.67	1,678.58	3,590.76	0.40	-0.34	-0.22
11,263.00	88.57	130.030	5,367.15	-3,618.85	1,746.75	3,679.73	0.28	-0.27	0.09
11,351.00	90.15	129.900	5,368.13	-3,675.37	1,814.19	3,767.72	1.80	1.80	-0.15
11,440.00	90.29	129.870	5,367.79	-3,732.44	1,882.48	3,856.71	0.16	0.16	-0.03
11,528.00	89.91	128.690	5,367.63	-3,788.15	1,950.60	3,944.69	1.41	-0.43	-1.34
11,617.00	90.19	127.550	5,367.56	-3,843.09	2,020.62	4,033.61	1.32	0.31	-1.28
11,706.00	90.81	129.800	5,366.78	-3,898.70	2,090.09	4,122.55	2.62	0.70	2.53
11,794.00	90.80	129.790	5,365.54	-3,955.02	2,157.70	4,210.54	0.02	-0.01	-0.01
11,883.00	90.37	129.550	5,364.64	-4,011.83	2,226.20	4,299.52	0.55	-0.48	-0.27
11,972.00	91.61	131.260	5,363.10	-4,069.50	2,293.96	4,388.50	2.37	1.39	1.92
12,060.00	91.45	131.320	5,360.75	-4,127.55	2,360.06	4,476.46	0.19	-0.18	0.07
12,149.00	91.25	131.070	5,358.65	-4,186.15	2,427.01	4,565.43	0.36	-0.22	-0.28
12,238.00	91.12	130.390	5,356.81	-4,244.21	2,494.44	4,654.41	0.78	-0.15	-0.76
12,327.00	91.01	129.930	5,355.16	-4,301.60	2,562.44	4,743.40	0.53	-0.12	-0.52
12,415.00	90.15	131.020	5,354.27	-4,358.72	2,629.38	4,831.39	1.58	-0.98	1.24
12,504.00	88.80	129.270	5,355.08	-4,416.09	2,697.40	4,920.38	2.48	-1.52	-1.97
12,593.00	90.90	131.670	5,355.31	-4,473.85	2,765.10	5,009.37	3.58	2.36	2.70
12,682.00	90.46	131.390	5,354.26	-4,532.85	2,831.72	5,098.35	0.59	-0.49	-0.31
12,770.00	89.00	129.790	5,354.67	-4,590.11	2,898.54	5,186.34	2.46	-1.66	-1.82
12,859.00	90.23	131.780	5,355.27	-4,648.24	2,965.93	5,275.33	2.63	1.38	2.24
12,948.00	90.17	131.470	5,354.96	-4,707.36	3,032.45	5,364.31	0.35	-0.07	-0.35
13,036.00	89.79	130.710	5,354.99	-4,765.19	3,098.78	5,452.31	0.97	-0.43	-0.86
13,125.00	89.75	130.160	5,355.35	-4,822.92	3,166.52	5,541.31	0.62	-0.04	-0.62
13,214.00	89.88	131.400	5,355.64	-4,881.05	3,233.91	5,630.30	1.40	0.15	1.39
13,303.00	89.72	131.020	5,355.95	-4,939.68	3,300.86	5,719.30	0.46	-0.18	-0.43
13,392.00	89.49	130.480	5,356.56	-4,997.78	3,368.28	5,808.30	0.66	-0.26	-0.61
13,481.00	90.21	132.550	5,356.79	-5,056.76	3,434.92	5,897.28	2.46	0.81	2.33
13,569.00	90.05	132.450	5,356.59	-5,116.21	3,499.80	5,985.23	0.21	-0.18	-0.11
13,658.00	90.05	132.140	5,356.52	-5,176.11	3,565.63	6,074.18	0.35	0.00	-0.35
13,747.00	90.12	131.600	5,356.38	-5,235.51	3,631.91	6,163.16	0.61	0.08	-0.61
13,836.00	89.87	130.730	5,356.39	-5,294.09	3,698.91	6,252.15	1.02	-0.28	-0.98
13,925.00	89.45	130.040	5,356.92	-5,351.75	3,766.70	6,341.15	0.91	-0.47	-0.78
Survey @ 13925.00 MD 5356.92 TVD									
13,980.80	89.45	130.040	5,357.45	-5,387.65	3,809.42	6,396.95	0.00	0.00	0.00
LTP @ 13980.80 MD 5357.45 TVD									
14,030.00	89.45	130.040	5,357.93	-5,419.30	3,847.08	6,446.14	0.00	0.00	0.00
Survey proj. to 14030 MD 5357.93 TVD 38 FSL 733 FWL									



Survey Report



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well North Alamito Unit 006 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 006 H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	MWD surveys	Database:	DT_Mar1724_v17

Design Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
396.00	395.98	0.26	-3.34	MWD surveys
6,169.00	5,340.32	-323.76	-2,129.08	330 ppd @ 6169.00 MD 5340.32 TVD
6,175.51	5,342.60	-327.72	-2,124.46	FTP @ 6175.51 MD 5342.60 TVD
6,314.00	5,375.33	-416.57	-2,023.76	9 5/8" Shoe @ 6314.00 MD 5375.33 TVD
13,925.00	5,356.92	-5,351.75	3,766.70	Survey @ 13925.00 MD 5356.92 TVD
13,980.80	5,357.45	-5,387.65	3,809.42	LTP @ 13980.80 MD 5357.45 TVD
14,030.00	5,357.93	-5,419.30	3,847.08	Survey proj. to 14030 MD 5357.93 TVD 38 FSL 733 FWL



Survey Report - Geographic



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well North Alamito Unit 006 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 006 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 006 H, Surf loc: 88 FSL 2016 FWL Section 17-T23N-R07W		
Well Position	+N/-S	0.00 ft	Northing: 1,902,135.92 usft
	+E/-W	0.00 ft	Easting: 1,242,293.12 usft
Position Uncertainty	0.00 ft	Wellhead Elevation:	ft
		Latitude:	36.22005100
		Longitude:	-107.59972300
		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	49,028.61291642

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	130.544	

Survey Program	Date	5/16/2024			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
396.00	6,252.00	MWD int (Original Hole)	MWD	OWSG MWD - Standard	
6,327.00	13,925.00	MWD (Original Hole)	MWD	OWSG MWD - Standard	
14,030.00	14,030.00	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	1,902,135.92	1,242,293.12	36.22005100	-107.59972300	
396.00	0.97	274.400	395.98	0.26	-3.34	1,902,136.18	1,242,289.77	36.22005158	-107.59973434	
MWD surveys										
485.00	3.34	274.790	484.91	0.53	-6.68	1,902,136.45	1,242,286.44	36.22005220	-107.59974566	
575.00	6.98	278.520	574.53	1.56	-14.70	1,902,137.48	1,242,278.41	36.22005472	-107.59977290	
664.00	9.96	271.320	662.55	2.54	-27.75	1,902,138.46	1,242,265.37	36.22005691	-107.59981717	
754.00	11.11	272.070	751.04	3.03	-44.19	1,902,138.96	1,242,248.92	36.22005764	-107.59987294	
843.00	11.90	273.360	838.25	3.88	-61.92	1,902,139.80	1,242,231.19	36.22005929	-107.59993307	
933.00	13.21	273.720	926.09	5.09	-81.45	1,902,141.01	1,242,211.67	36.22006187	-107.59999931	
1,022.00	14.89	272.100	1,012.43	6.17	-103.03	1,902,142.09	1,242,190.09	36.22006400	-107.60007249	



Survey Report - Geographic



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well North Alamito Unit 006 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 006 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	16.65	271.040	1,101.92	6.85	-128.29	1,902,142.77	1,242,164.82	36.22006491	-107.60015815
1,212.00	18.72	273.230	1,194.34	7.98	-157.73	1,902,143.90	1,242,135.39	36.22006688	-107.60025798
1,306.00	22.09	272.920	1,282.42	9.73	-190.45	1,902,145.65	1,242,102.66	36.22007044	-107.60036897
1,400.00	24.96	270.130	1,368.61	10.68	-227.95	1,902,146.60	1,242,065.17	36.22007160	-107.60049610
1,494.00	27.47	270.810	1,452.93	11.03	-269.46	1,902,146.95	1,242,023.65	36.22007098	-107.60063683
1,589.00	30.67	268.200	1,535.96	10.58	-315.60	1,902,146.50	1,241,977.51	36.22006797	-107.60079320
1,681.00	30.78	267.460	1,615.04	8.80	-362.57	1,902,144.72	1,241,930.54	36.22006129	-107.60095231
1,773.00	32.17	266.950	1,693.50	6.45	-410.55	1,902,142.37	1,241,882.57	36.22005300	-107.60111481
1,864.00	30.25	265.640	1,771.33	3.42	-457.60	1,902,139.34	1,241,835.51	36.22004288	-107.60127414
1,954.00	32.17	267.440	1,848.30	0.62	-504.15	1,902,136.55	1,241,788.97	36.22003342	-107.60143177
2,044.00	33.85	267.500	1,923.77	-1.54	-553.13	1,902,134.38	1,241,739.99	36.22002560	-107.60159768
2,134.00	32.49	266.090	1,999.11	-4.28	-602.29	1,902,131.64	1,241,690.83	36.22001619	-107.60176417
2,223.00	33.36	266.570	2,073.81	-7.38	-650.56	1,902,128.55	1,241,642.55	36.22000585	-107.60192765
2,313.00	33.57	267.980	2,148.89	-9.73	-700.13	1,902,126.19	1,241,592.98	36.21999747	-107.60209555
2,403.00	35.87	270.140	2,222.87	-10.55	-751.38	1,902,125.38	1,241,541.74	36.21999328	-107.60226919
2,492.00	37.88	271.740	2,294.06	-9.65	-804.77	1,902,126.27	1,241,488.35	36.21999369	-107.60245020
2,582.00	37.42	270.910	2,365.32	-8.38	-859.73	1,902,127.54	1,241,433.39	36.21999508	-107.60263653
2,671.00	34.54	269.870	2,437.33	-8.01	-912.01	1,902,127.91	1,241,381.11	36.21999410	-107.60281374
2,761.00	35.54	269.620	2,511.02	-8.24	-963.68	1,902,127.68	1,241,329.44	36.21999148	-107.60298887
2,851.00	34.67	269.120	2,584.65	-8.81	-1,015.43	1,902,127.12	1,241,277.68	36.21998794	-107.60316425
2,940.00	34.80	269.060	2,657.79	-9.61	-1,066.14	1,902,126.31	1,241,226.98	36.21998378	-107.60333607
3,030.00	34.48	268.910	2,731.83	-10.52	-1,117.29	1,902,125.41	1,241,175.83	36.21997934	-107.60350939
3,119.00	33.71	268.630	2,805.53	-11.59	-1,167.17	1,902,124.34	1,241,125.95	36.21997448	-107.60367839
3,208.00	32.02	268.580	2,880.29	-12.76	-1,215.45	1,902,123.16	1,241,077.67	36.21996941	-107.60384198
3,298.00	31.66	267.700	2,956.74	-14.30	-1,262.90	1,902,121.62	1,241,030.22	36.21996336	-107.60400274
3,387.00	33.36	267.700	3,031.79	-16.22	-1,310.69	1,902,119.70	1,240,982.43	36.21995625	-107.60416463
3,477.00	35.26	268.370	3,106.13	-17.95	-1,361.39	1,902,117.97	1,240,931.73	36.21994955	-107.60433638
3,566.00	32.71	267.310	3,179.92	-19.81	-1,411.10	1,902,116.11	1,240,882.02	36.21994254	-107.60450477
3,656.00	33.35	268.630	3,255.38	-21.55	-1,460.12	1,902,114.38	1,240,833.00	36.21993590	-107.60467085
3,745.00	35.09	271.660	3,328.97	-21.39	-1,510.16	1,902,114.53	1,240,782.96	36.21993441	-107.60484044
3,835.00	34.40	270.560	3,402.93	-20.39	-1,561.44	1,902,115.53	1,240,731.68	36.21993518	-107.60501430
3,924.00	33.20	269.990	3,476.88	-20.15	-1,610.95	1,902,115.77	1,240,682.17	36.21993394	-107.60518211
4,014.00	34.33	267.660	3,551.70	-21.19	-1,660.95	1,902,114.73	1,240,632.17	36.21992916	-107.60535153
4,104.00	34.77	268.340	3,625.83	-22.97	-1,711.96	1,902,112.95	1,240,581.16	36.21992232	-107.60552434
4,193.00	34.89	269.990	3,698.89	-23.71	-1,762.78	1,902,112.21	1,240,530.34	36.21991833	-107.60569656
4,282.00	33.09	268.470	3,772.68	-24.36	-1,812.52	1,902,111.56	1,240,480.59	36.21991463	-107.60586513
4,371.00	34.23	271.540	3,846.76	-24.34	-1,861.84	1,902,111.58	1,240,431.28	36.21991280	-107.60603228
4,461.00	33.94	271.110	3,921.30	-23.17	-1,912.26	1,902,112.75	1,240,380.86	36.21991407	-107.60620324
4,550.00	32.36	270.840	3,995.81	-22.34	-1,960.92	1,902,113.58	1,240,332.20	36.21991448	-107.60636820
4,640.00	33.97	271.150	4,071.15	-21.48	-2,010.15	1,902,114.44	1,240,282.97	36.21991494	-107.60653508
4,729.00	35.34	270.640	4,144.36	-20.70	-2,060.75	1,902,115.23	1,240,232.37	36.21991516	-107.60670662
4,819.00	35.78	270.470	4,217.57	-20.19	-2,113.09	1,902,115.73	1,240,180.03	36.21991454	-107.60688404
4,909.00	33.48	270.290	4,291.63	-19.85	-2,164.23	1,902,116.07	1,240,128.89	36.21991351	-107.60705738
4,998.00	32.67	270.230	4,366.20	-19.63	-2,212.80	1,902,116.29	1,240,080.32	36.21991225	-107.60722201
5,088.00	32.44	271.440	4,442.06	-18.92	-2,261.22	1,902,117.00	1,240,031.90	36.21991232	-107.60738617
5,177.00	31.54	265.550	4,517.56	-20.13	-2,308.30	1,902,115.79	1,239,984.82	36.21990720	-107.60754569
5,222.00	30.31	255.660	4,556.19	-23.86	-2,331.05	1,902,112.06	1,239,962.07	36.21989608	-107.60762262
5,267.00	25.12	250.140	4,596.02	-29.92	-2,351.05	1,902,106.00	1,239,942.06	36.21987867	-107.60769013
5,311.00	20.28	242.400	4,636.61	-36.63	-2,366.61	1,902,099.29	1,239,926.51	36.21985964	-107.60774253
5,356.00	17.32	229.050	4,679.23	-44.64	-2,378.59	1,902,091.28	1,239,914.53	36.21983718	-107.60778275
5,401.00	16.09	217.980	4,722.34	-53.95	-2,387.49	1,902,081.97	1,239,905.63	36.21981127	-107.60781247
5,445.00	14.62	204.120	4,764.78	-63.83	-2,393.51	1,902,072.10	1,239,899.61	36.21978391	-107.60783242
5,490.00	13.20	189.530	4,808.47	-74.08	-2,396.68	1,902,061.84	1,239,896.44	36.21975563	-107.60784268
5,535.00	12.89	169.640	4,852.33	-84.09	-2,396.63	1,902,051.83	1,239,896.49	36.21972814	-107.60784203
5,580.00	15.23	161.090	4,895.99	-94.62	-2,393.81	1,902,041.30	1,239,899.31	36.21969933	-107.60783198



Survey Report - Geographic



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well North Alamito Unit 006 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 006 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
5,625.00	17.83	149.770	4,939.13	-106.17	-2,388.43	1,902,029.75	1,239,904.69	36.21966782	-107.60781317
5,670.00	20.88	140.160	4,981.60	-118.29	-2,379.82	1,902,017.64	1,239,913.30	36.21963487	-107.60778342
5,715.00	24.09	133.050	5,023.18	-130.72	-2,367.96	1,902,005.20	1,239,925.16	36.21960119	-107.60774265
5,759.00	27.50	133.320	5,062.79	-143.82	-2,354.00	1,901,992.10	1,239,939.11	36.21956574	-107.60769472
5,804.00	30.74	128.990	5,102.10	-158.19	-2,337.50	1,901,977.73	1,239,955.62	36.21952691	-107.60763810
5,849.00	33.56	130.960	5,140.20	-173.59	-2,319.16	1,901,962.34	1,239,973.95	36.21948534	-107.60757523
5,893.00	37.52	130.620	5,175.99	-190.29	-2,299.80	1,901,945.63	1,239,993.32	36.21944021	-107.60750881
5,938.00	41.57	129.090	5,210.69	-208.63	-2,277.80	1,901,927.29	1,240,015.32	36.21939068	-107.60743338
5,983.00	45.93	127.320	5,243.19	-227.86	-2,253.35	1,901,908.07	1,240,039.77	36.21933882	-107.60734957
6,028.00	51.69	126.310	5,272.81	-248.13	-2,226.24	1,901,887.79	1,240,066.88	36.21928419	-107.60725674
6,072.00	58.23	126.940	5,298.06	-269.62	-2,197.35	1,901,866.31	1,240,095.77	36.21922629	-107.60715780
6,117.00	64.19	127.690	5,319.72	-293.52	-2,166.00	1,901,842.41	1,240,127.12	36.21916185	-107.60705042
6,162.00	68.47	130.520	5,337.79	-319.52	-2,134.04	1,901,816.41	1,240,159.08	36.21909168	-107.60694087
6,169.00	69.14	130.580	5,340.32	-323.76	-2,129.08	1,901,812.16	1,240,164.04	36.21908022	-107.60692386
330 ppd @ 6169.00 MD 5340.32 TVD									
6,175.51	69.76	130.636	5,342.60	-327.72	-2,124.46	1,901,808.20	1,240,168.66	36.21906951	-107.60690800
FTP @ 6175.51 MD 5342.60 TVD									
6,207.00	72.77	130.900	5,352.71	-347.20	-2,101.87	1,901,788.73	1,240,191.25	36.21901689	-107.60683052
6,252.00	77.60	131.500	5,364.22	-375.85	-2,069.15	1,901,760.08	1,240,223.97	36.21893947	-107.60671826
6,314.00	81.74	132.287	5,375.33	-416.57	-2,023.76	1,901,719.35	1,240,269.36	36.21882937	-107.60656248
9 5/8" Shoe @ 6314.00 MD 5375.33 TVD									
6,327.00	82.61	132.450	5,377.10	-425.25	-2,014.25	1,901,710.68	1,240,278.87	36.21880590	-107.60652982
6,390.00	83.16	132.170	5,384.91	-467.33	-1,968.02	1,901,668.59	1,240,325.10	36.21869211	-107.60637114
6,479.00	88.06	131.690	5,391.72	-526.61	-1,902.02	1,901,609.32	1,240,391.10	36.21853185	-107.60614464
6,567.00	90.69	131.230	5,392.68	-584.86	-1,836.08	1,901,551.06	1,240,457.04	36.21837439	-107.60591839
6,655.00	90.61	131.260	5,391.68	-642.88	-1,769.91	1,901,493.05	1,240,523.20	36.21821760	-107.60569140
6,744.00	90.34	130.790	5,390.94	-701.29	-1,702.77	1,901,434.63	1,240,590.35	36.21805975	-107.60546107
6,833.00	90.62	131.150	5,390.19	-759.64	-1,635.58	1,901,376.28	1,240,657.54	36.21790207	-107.60523056
6,921.00	90.45	131.320	5,389.37	-817.65	-1,569.40	1,901,318.28	1,240,723.72	36.21774532	-107.60500353
7,010.00	90.18	131.380	5,388.88	-876.44	-1,502.59	1,901,259.48	1,240,790.53	36.21758640	-107.60477431
7,098.00	89.90	131.430	5,388.82	-934.65	-1,436.59	1,901,201.28	1,240,856.53	36.21742909	-107.60454784
7,186.00	91.09	129.940	5,388.06	-992.01	-1,369.86	1,901,143.92	1,240,923.26	36.21727412	-107.60431898
7,275.00	90.73	129.380	5,386.65	-1,048.80	-1,301.35	1,901,087.12	1,240,991.76	36.21712076	-107.60408411
7,364.00	90.15	128.840	5,385.96	-1,104.94	-1,232.30	1,901,030.98	1,241,060.82	36.21696923	-107.60384740
7,453.00	90.50	130.170	5,385.46	-1,161.56	-1,163.63	1,900,974.37	1,241,129.49	36.21681638	-107.60361200
7,542.00	90.42	130.150	5,384.74	-1,218.95	-1,095.62	1,900,916.97	1,241,197.50	36.21666136	-107.60337876
7,630.00	89.97	130.110	5,384.45	-1,275.67	-1,028.33	1,900,860.25	1,241,264.78	36.21650817	-107.60314804
7,719.00	89.96	130.500	5,384.50	-1,333.24	-960.46	1,900,802.68	1,241,332.66	36.21635266	-107.60291529
7,808.00	89.63	130.250	5,384.82	-1,390.89	-892.66	1,900,745.03	1,241,400.46	36.21619692	-107.60268277
7,897.00	89.53	130.400	5,385.47	-1,448.49	-824.81	1,900,687.44	1,241,468.31	36.21604135	-107.60245009
7,985.00	89.11	130.320	5,386.52	-1,505.47	-757.76	1,900,630.46	1,241,535.36	36.21588742	-107.60222015
8,074.00	90.82	130.840	5,386.57	-1,563.36	-690.17	1,900,572.56	1,241,602.95	36.21573102	-107.60198833
8,162.00	90.87	131.390	5,385.27	-1,621.22	-623.88	1,900,514.70	1,241,669.24	36.21557465	-107.60176093
8,251.00	90.74	131.390	5,384.02	-1,680.06	-557.11	1,900,455.86	1,241,736.00	36.21541561	-107.60153187
8,339.00	90.58	131.870	5,383.01	-1,738.52	-491.34	1,900,397.41	1,241,801.78	36.21525759	-107.60130621
8,428.00	90.43	132.210	5,382.22	-1,798.12	-425.25	1,900,337.81	1,241,867.87	36.21509644	-107.60107938
8,516.00	90.90	131.100	5,381.20	-1,856.60	-359.50	1,900,279.33	1,241,933.62	36.21493834	-107.60085380
8,605.00	90.41	130.610	5,380.18	-1,914.81	-292.19	1,900,221.11	1,242,000.93	36.21478104	-107.60062293
8,693.00	89.89	130.490	5,379.95	-1,972.02	-225.32	1,900,163.90	1,242,067.79	36.21462648	-107.60039361
8,782.00	89.61	130.570	5,380.34	-2,029.86	-157.68	1,900,106.07	1,242,135.44	36.21447023	-107.60016162
8,870.00	90.43	128.700	5,380.31	-2,085.99	-89.91	1,900,049.94	1,242,203.20	36.21431866	-107.59992930
8,959.00	90.09	128.220	5,379.91	-2,141.34	-20.22	1,899,994.58	1,242,272.89	36.21416930	-107.59969051
9,047.00	89.66	128.460	5,380.10	-2,195.93	48.80	1,899,939.99	1,242,341.92	36.21402202	-107.59945401
9,136.00	90.70	130.410	5,379.82	-2,252.46	117.53	1,899,883.46	1,242,410.65	36.21386939	-107.59921840
9,225.00	90.15	130.580	5,379.16	-2,310.26	185.21	1,899,825.67	1,242,478.33	36.21371326	-107.59898630



Survey Report - Geographic



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well North Alamito Unit 006 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 006 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
9,313.00	90.36	131.790	5,378.77	-2,368.20	251.44	1,899,767.73	1,242,544.55	36.21355665	-107.59875912
9,401.00	90.03	130.650	5,378.47	-2,426.19	317.63	1,899,709.74	1,242,610.74	36.21339992	-107.59853207
9,490.00	88.96	129.210	5,379.25	-2,483.31	385.87	1,899,652.62	1,242,678.99	36.21324566	-107.59829810
9,579.00	90.84	128.440	5,379.41	-2,539.10	455.21	1,899,596.83	1,242,748.32	36.21309507	-107.59806049
9,667.00	90.07	127.620	5,378.71	-2,593.31	524.52	1,899,542.61	1,242,817.63	36.21294883	-107.59782303
9,756.00	91.41	128.240	5,377.56	-2,648.02	594.71	1,899,487.91	1,242,887.82	36.21280128	-107.59758257
9,844.00	91.49	128.490	5,375.33	-2,702.62	663.69	1,899,433.31	1,242,956.80	36.21265396	-107.59734624
9,933.00	91.27	128.610	5,373.19	-2,758.07	733.27	1,899,377.86	1,243,026.38	36.21250433	-107.59710780
10,022.00	91.06	129.180	5,371.38	-2,813.94	802.52	1,899,321.99	1,243,095.64	36.21235353	-107.59687047
10,111.00	91.00	129.400	5,369.78	-2,870.29	871.39	1,899,265.64	1,243,164.51	36.21220140	-107.59663441
10,200.00	90.15	128.900	5,368.89	-2,926.47	940.41	1,899,209.45	1,243,233.52	36.21204972	-107.59639788
10,288.00	91.42	130.630	5,367.68	-2,982.75	1,008.04	1,899,153.18	1,243,301.16	36.21189773	-107.59616602
10,377.00	90.87	130.820	5,365.90	-3,040.81	1,075.48	1,899,095.12	1,243,368.59	36.21174086	-107.59593475
10,466.00	90.90	132.010	5,364.53	-3,099.67	1,142.21	1,899,036.25	1,243,435.33	36.21158174	-107.59570582
10,555.00	90.15	131.810	5,363.71	-3,159.12	1,208.44	1,898,976.81	1,243,501.56	36.21142100	-107.59547857
10,644.00	91.07	131.490	5,362.77	-3,218.26	1,274.94	1,898,917.67	1,243,568.05	36.21126111	-107.59525043
10,731.00	90.51	130.680	5,361.57	-3,275.43	1,340.51	1,898,860.50	1,243,633.62	36.21110660	-107.59502553
10,820.00	89.84	130.260	5,361.29	-3,333.20	1,408.21	1,898,802.73	1,243,701.33	36.21095053	-107.59479336
10,909.00	89.86	130.450	5,361.53	-3,390.83	1,476.04	1,898,745.10	1,243,769.15	36.21079485	-107.59456081
10,997.00	89.23	130.100	5,362.23	-3,447.71	1,543.17	1,898,688.22	1,243,836.29	36.21064117	-107.59433061
11,086.00	89.11	130.140	5,363.52	-3,505.06	1,611.22	1,898,630.87	1,243,904.34	36.21048627	-107.59409729
11,174.00	88.81	129.950	5,365.11	-3,561.67	1,678.58	1,898,574.26	1,243,971.69	36.21033337	-107.59386637
11,263.00	88.57	130.030	5,367.15	-3,618.85	1,746.75	1,898,517.08	1,244,039.86	36.21017892	-107.59363266
11,351.00	90.15	129.900	5,368.13	-3,675.37	1,814.19	1,898,460.57	1,244,107.30	36.21002626	-107.59340146
11,440.00	90.29	129.870	5,367.79	-3,732.44	1,882.48	1,898,403.49	1,244,175.59	36.20987212	-107.59316734
11,528.00	89.91	128.690	5,367.63	-3,788.15	1,950.60	1,898,347.78	1,244,243.71	36.20972171	-107.59293388
11,617.00	90.19	127.550	5,367.56	-3,843.09	2,020.62	1,898,292.84	1,244,313.73	36.20957348	-107.59269402
11,706.00	90.81	129.800	5,366.78	-3,898.70	2,090.09	1,898,237.23	1,244,383.20	36.20942340	-107.59245597
11,794.00	90.80	129.790	5,365.54	-3,955.02	2,157.70	1,898,180.91	1,244,450.81	36.20927130	-107.59222421
11,883.00	90.37	129.550	5,364.64	-4,011.83	2,226.20	1,898,124.10	1,244,519.31	36.20911788	-107.59198940
11,972.00	91.61	131.260	5,363.10	-4,069.50	2,293.96	1,898,066.43	1,244,587.07	36.20896205	-107.59175707
12,060.00	91.45	131.320	5,360.75	-4,127.55	2,360.06	1,898,008.38	1,244,653.17	36.20880514	-107.59153035
12,149.00	91.25	131.070	5,358.65	-4,186.15	2,427.01	1,897,949.78	1,244,720.12	36.20864674	-107.59130071
12,238.00	91.12	130.390	5,356.81	-4,244.21	2,494.44	1,897,891.72	1,244,787.55	36.20848985	-107.59106949
12,327.00	91.01	129.930	5,355.16	-4,301.60	2,562.44	1,897,834.33	1,244,855.55	36.20833482	-107.59083633
12,415.00	90.15	131.020	5,354.27	-4,358.72	2,629.38	1,897,777.21	1,244,922.49	36.20818049	-107.59060682
12,504.00	88.80	129.270	5,355.08	-4,416.09	2,697.40	1,897,719.84	1,244,990.51	36.20802550	-107.59037361
12,593.00	90.90	131.670	5,355.31	-4,473.85	2,765.10	1,897,662.08	1,245,058.21	36.20786945	-107.59014148
12,682.00	90.46	131.390	5,354.26	-4,532.85	2,831.72	1,897,603.08	1,245,124.83	36.20770993	-107.58991295
12,770.00	89.00	129.790	5,354.67	-4,590.11	2,898.54	1,897,545.82	1,245,191.65	36.20755523	-107.58968383
12,859.00	90.23	131.780	5,355.27	-4,648.24	2,965.93	1,897,487.69	1,245,259.03	36.20739813	-107.58945276
12,948.00	90.17	131.470	5,354.96	-4,707.36	3,032.45	1,897,428.58	1,245,325.56	36.20723829	-107.58922454
13,036.00	89.79	130.710	5,354.99	-4,765.19	3,098.78	1,897,370.74	1,245,391.88	36.20708197	-107.58899708
13,125.00	89.75	130.160	5,355.35	-4,822.92	3,166.52	1,897,313.02	1,245,459.63	36.20692600	-107.58876482
13,214.00	89.88	131.400	5,355.64	-4,881.05	3,233.91	1,897,254.89	1,245,527.02	36.20676891	-107.58853372
13,303.00	89.72	131.020	5,355.95	-4,939.68	3,300.86	1,897,196.25	1,245,593.97	36.20661042	-107.58830409
13,392.00	89.49	130.480	5,356.56	-4,997.78	3,368.28	1,897,138.16	1,245,661.39	36.20645342	-107.58807289
13,481.00	90.21	132.550	5,356.79	-5,056.76	3,434.92	1,897,079.17	1,245,728.03	36.20629395	-107.58784432
13,569.00	90.05	132.450	5,356.59	-5,116.21	3,499.80	1,897,019.72	1,245,792.91	36.20613313	-107.58762167
13,658.00	90.05	132.140	5,356.52	-5,176.11	3,565.63	1,896,959.83	1,245,858.74	36.20597113	-107.58739578
13,747.00	90.12	131.600	5,356.38	-5,235.51	3,631.91	1,896,900.43	1,245,925.02	36.20581050	-107.58716842
13,836.00	89.87	130.730	5,356.39	-5,294.09	3,698.91	1,896,841.84	1,245,992.02	36.20565215	-107.58693864
13,925.00	89.45	130.040	5,356.92	-5,351.75	3,766.70	1,896,784.18	1,246,059.81	36.20549635	-107.58670622
Survey @ 13925.00 MD 5356.92 TVD									



Survey Report - Geographic



Company:	Enduring Resources LLC	Local Co-ordinate Reference:	Well North Alamito Unit 006 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 006 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
13,980.80	89.45	130.040	5,357.45	-5,387.65	3,809.42	1,896,748.28	1,246,102.52	36.20539938	-107.58655978
LTP @ 13980.80 MD 5357.45 TVD									
14,030.00	89.45	130.040	5,357.93	-5,419.30	3,847.08	1,896,716.63	1,246,140.19	36.20531389	-107.58643066
Survey proj. to 14030 MD 5357.93 TVD 38 FSL 733 FWL									

Design Annotations					
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates			
		+N/-S (ft)	+E/-W (ft)	Comment	
396.00	395.98	0.26	-3.34	MWD surveys	
6,169.00	5,340.32	-323.76	-2,129.08	330 ppd @ 6169.00 MD 5340.32 TVD	
6,175.51	5,342.60	-327.72	-2,124.46	FTP @ 6175.51 MD 5342.60 TVD	
6,314.00	5,375.33	-416.57	-2,023.76	9 5/8" Shoe @ 6314.00 MD 5375.33 TVD	
13,925.00	5,356.92	-5,351.75	3,766.70	Survey @ 13925.00 MD 5356.92 TVD	
13,980.80	5,357.45	-5,387.65	3,809.42	LTP @ 13980.80 MD 5357.45 TVD	
14,030.00	5,357.93	-5,419.30	3,847.08	Survey proj. to 14030 MD 5357.93 TVD 38 FSL 733 FWL	

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 353415

ACKNOWLEDGMENTS

Operator: DJR OPERATING, LLC 200 Energy Court Farmington, NM 87401	OGRID: 371838
	Action Number: 353415
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

☒	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
☒	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

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CONDITIONS

Action 353415

CONDITIONS

Operator: DJR OPERATING, LLC 200 Energy Court Farmington, NM 87401	OGRID: 371838
	Action Number: 353415
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

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