

Santa Fe Main Office Phone: (505) 476-3441 Fax: (505) 476-3462 General Information Phone: (505) 629-6116 Online Phone Directory Visit: https://www.emnrd.nm.gov/ocd/contact-us/	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	C-104 Revised July 9, 2024 Submit Electronically Via OCD Permitting
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REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

Section 1 - Operator and Well Information

Submittal Type: ☐ Test Allowable (C-104RT) ☒ New Well (C-104NW) ☐ Recomplete (C-104RC) ☐ Pay Add (C-104RC) ☐ Amended	
Operator Name: DJR OPERATING LLC	OGRID: 371838
Property Name and Well Number: N ALAMITO UNIT 006H	Property Code: 325267
Mineral Owner: ☐ State ☐ Fee ☒ Tribal ☒ Federal	API Number: 30-039-31429
Pool Name: ALAMITO N; MANCOS OIL	Pool Code: 98174

Section 2 – Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
N	17	23N	7W		88' SOUTH	2016' WEST	36.220051	-107.599723	RIO ARRIBA

Section 3 – Completion Information

Producing Method FLOWING	Ready Date 8/23/2024	Perforations MD 7196' – 13783'	Perforations TVD 5354' – 5393'
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Section 4 – Action IDs for Submissions and Order Numbers

List Action IDs for Drilling Sundries	Was an Order required / needed (Y/N), if yes list Order number:
C-104 RT Action ID (if C-104NW): 353415	Communitization Agreement ☐ Yes ☒ No, Order No.
Surface Casing Action ID: 194907	Unit: ☒ Yes ☐ No, Order No. R-14081 / R-14081A
Intermediate 1 Casing Action ID: 341473	Compulsory Pooling: ☐ Yes ☒ No, Order No.
Intermediate 2 Casing Action ID:	Down Hole Commingling: ☐ Yes ☒ No, Order No.
Production Casing Action ID: 346028	Surface Commingling: ☐ Yes ☒ No, Order No.
All casing was pressure tested in accordance with NMAC ☒ Yes ☐ No	Non-standard Location: ☐ Yes ☒ No ☐ Common ownership Order No.
Liner 1 Action ID: 346028	Non-standard Proration: ☐ Yes ☒ No, Order No.
Casing was installed prior to OCD's Action ID system (Y/N): N	Simultaneous Dedication: ☐ Yes ☒ No, Order No.

Section 5 - Operator Signature and Certification

☒ I hereby certify that the required Water Use Report has been, or will be, submitted for this well's completion.	
☒ I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this well's completion.	
☒ 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.	
Name Shaw-Marie Ford	
Title Regulatory Specialist	Date 10/18/2024

C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024	
		Submittal Type:	☐ Initial Submittal ☐ Amended Report ☒ As Drilled

WELL LOCATION INFORMATION

API Number 30-039-31429	Pool Code 98174	Pool Name NORTH ALAMITO UNIT MANCOS OIL POOL
Property Code 325267	Property Name NORTH ALAMITO UNIT	Well Number 006H
OGRID No. 371838	Operator Name DJR OPERATING, LLC	Ground Level Elevation 7025'
Surface Owner: ☐ State ☐ Fee ☐ Tribal ☒ Federal		Mineral Owner: ☐ State ☐ Fee ☐ Tribal ☒ Federal

Surface Location (SHL)

UL	Section	Township	Range	Lot	Ft from the N/S	Ft from the E/W	Latitude	Longitude	County
N	17	23N	7W		88' SOUTH	2016' WEST	36.220051° N	107.599723° W	RIO ARriba

Bottom Hole Location (BHL)

UL	Section	Township	Range	Lot	Ft from the N/S	Ft from the E/W	Latitude	Longitude	County
M	21	23N	7W		38' SOUTH	733' WEST	36.205314° N	107.586431° W	SANDOVAL

Dedicated Acres 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	PENETRATED SPACING UNIT:	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
				N	Unit
Order Numbers: R-14081 R-14081A			Well Setbacks are under Common Ownership: ☐ Yes ☐ No		

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft from the N/S	Ft from the E/W	Latitude	Longitude	County
A	19	23N	7W		55' NORTH	356' EAST	36.219627° N	107.607771° W	SANDOVAL

Fist Take Point (FTP)

UL	Section	Township	Range	Lot	Ft from the N/S	Ft from the E/W	Latitude	Longitude	County
A	19	23N	7W		257' NORTH	102' EAST	36.219070° N	107.606908° W	SANDOVAL

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft from the N/S	Ft from the E/W	Latitude	Longitude	County
M	21	23N	7W		69' SOUTH	695' WEST	36.205399° N	107.586560° W	SANDOVAL

Unitized Area or Area of Uniform Interest NORTH ALAMITO	Spacing Unit Type ☒ Horizontal ☐ Vertical	Ground Floor Elevation
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OPERATOR CERTIFICATIONS

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, **and, if the well is a vertical or directional well, 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 a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.

Shaw-Marie Ford
Signature

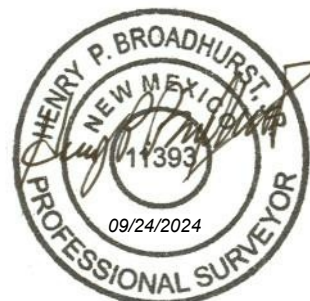
9/24/2024
Date

Shaw-Marie Ford
Printed Name

sford@enduringresources.com
E-mail Address

SURVEYOR CERTIFICATIONS

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.



Signature and Seal of Professional Surveyor:

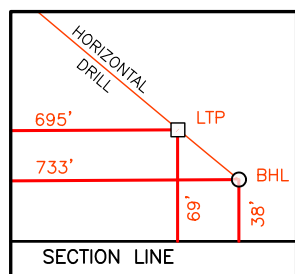
Certificate Number

11393

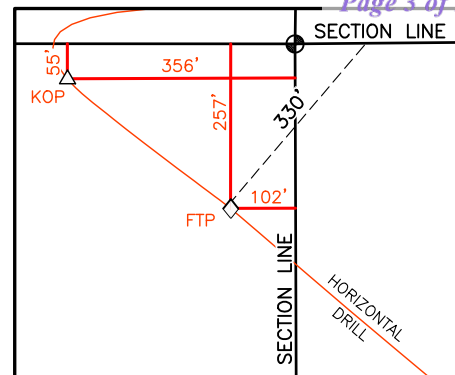
Date of Survey

MAY 31, 2024

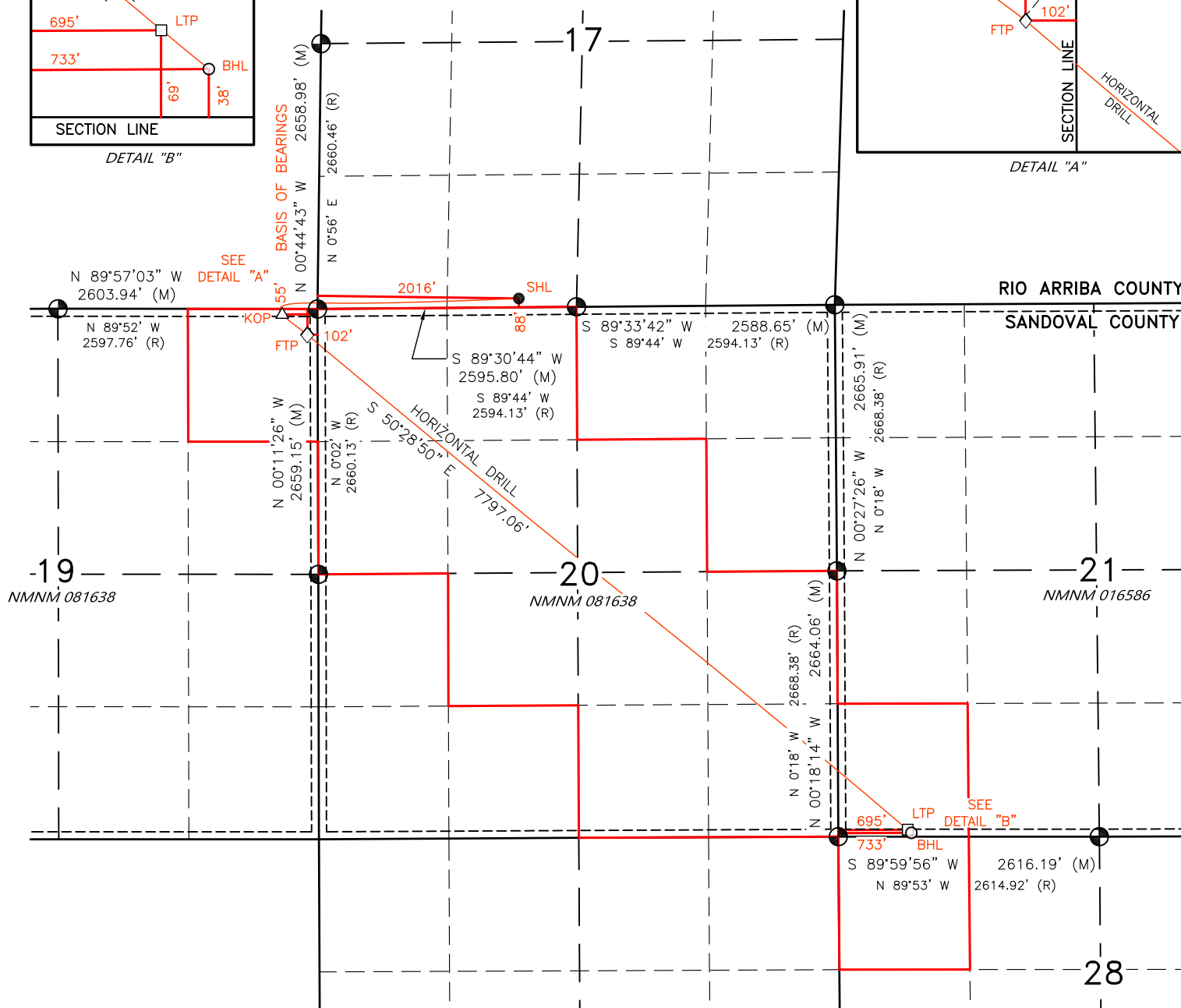
Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

FND 2/2/00 BC
GLO 1948

DETAIL "B"



DETAIL "A"



SURFACE LOCATION (SHL)
 88' FSL 2016' FWL
 SEC. 17, T23N, R7W
 LAT. 36.220051° N (NAD83)
 LONG. 107.599723° W (NAD83)

FIRST TAKE POINT (FTP)
 257' FNL 102' FEL
 SEC. 19, T23N, R7W
 LAT. 36.219070° N (NAD83)
 LONG. 107.606908° W (NAD83)

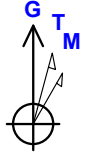
BOTTOM HOLE LOCATION (BHL)
 38' FSL 733' FWL
 SEC. 21, T23N, R7W
 LAT. 36.205314° N (NAD83)
 LONG. 107.586431° W (NAD83)

KICK OFF POINT (KOP)
 55' FNL 356' FEL
 SEC. 19, T23N, R7W
 LAT. 36.219627° N (NAD83)
 LONG. 107.607771° W (NAD83)

LAST TAKE POINT (LTP)
 69' FSL 695' FWL
 SEC. 21, T23N, R7W
 LAT. 36.205399° N (NAD83)
 LONG. 107.586560° W (NAD83)



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



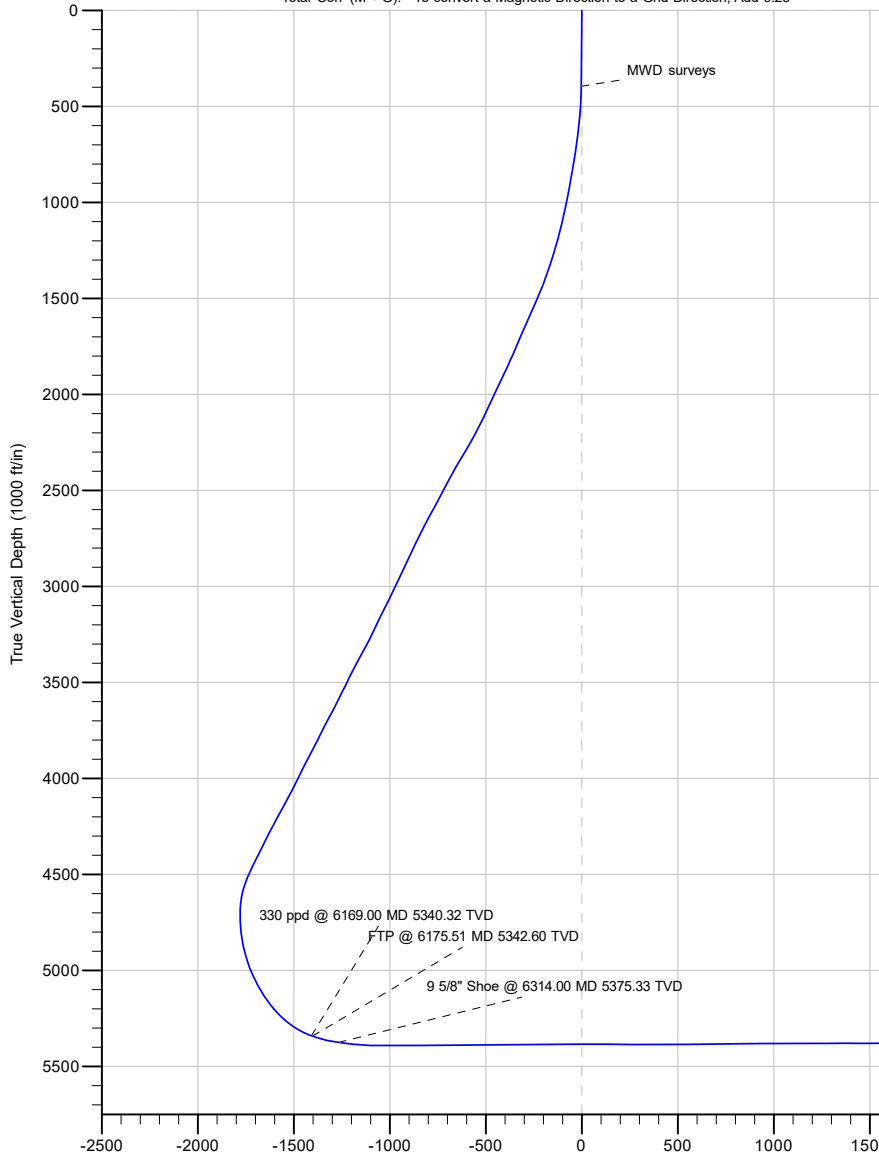
Azimuths to Grid North
True North: 0.80°
Magnetic North: 9.23°

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°

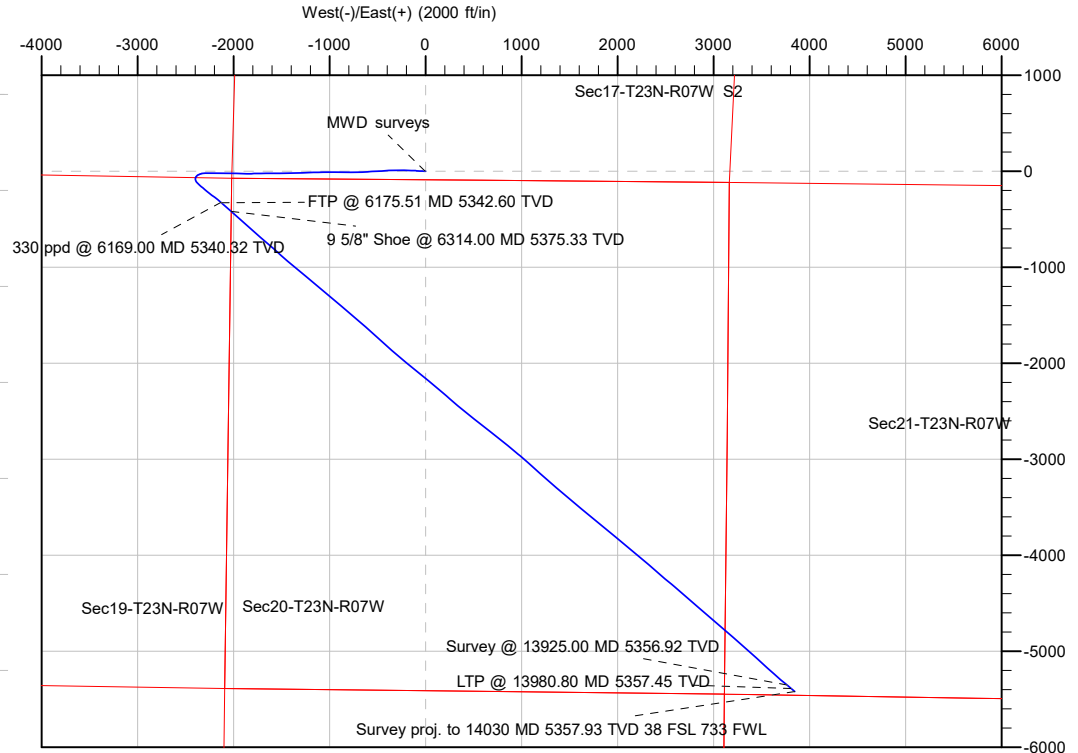


8:56, May 16 2024

Vertical Section at 130.544° (1000 ft/in)

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





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
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)
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



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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



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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	

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Section 1 - Operator and Well Information

Submittal Type: ☒ New Well ☐ Workover ☐ Deepening ☐ Plugback ☐ Different Reservoir ☐ C-144 Closure Attachment ☐ Other	
Operator Name: DJR OPERATING LLC	OGRID: 371838
Property Name and Well Number: N ALAMITO UNIT 006H	Property Code: 325267
Mineral Owner: ☐ State ☐ Fee ☒ Tribal ☒ Federal	API Number: 30-039-31429
Pool Name: ALAMITO N; MANCOS OIL	Pool Code: 98174

Section 2 – Well Location

	UL or lot no.	Section	Township	Range	Lot Id	Feet from	N/S Line	Feet from	E/W Line	County
SHL:	N	17	23N	7W		88	SOUTH	2016	WEST	RIO ARRIBA
BHL:	M	21	23N	7W		38	SOUTH	733	WEST	SANDOVAL

Section 3 – Completion Information

Date TD Reached 5/16/2024	Total Measured Depth of Well 14030	Acid Volume (bbls) 0	☒ Directional Survey Submitted ☐ Deviation Survey Submitted
Date Rig Released 5/17/2024	Plug-Back Measured Depth 14007	Completion Fluid Used (bbls) 123069	Were Logs Ran (Y/N): N
Completion Date 8/23/2024	Perforations (MD and TVD) 7196 – 13783 MD / 5354 – 5393 TVD	Completion Proppant Used (lbs) 10139062	List Type of Logs Ran if applicable: N/A

Section 4 – Action IDs for Submissions and Order Numbers

Surface Casing Action ID: 194907	UIC Permit/Order (UIC wells only) ☐ Yes ☐ No, Order No.
Intermediate 1 Casing Action ID: 341473	NOI Recomplete Action ID (if applicable):
Intermediate 2 Casing Action ID:	NOI Plugback Action ID (if applicable):
Production Casing Action ID: 346028	Cement Squeeze Action ID (if applicable):
Tubing Action ID: 403183	All casing was pressure tested in accordance with NMAC ☒ Yes ☐ No
Liner 1 Action ID: 346028	Casing was installed prior to Action ID system (Y/N): N

Section 5 – Test Data

Date First Production: 8/27/2024	Production Method: Flowing Gas Lift	Well Status: Active Producing	Gas – Oil Ratio: 1123
Date of Test: 8/29/2024	Choke Size: -	Flowing Tubing Pressure: 235	Casing Pressure: 805
24 hr Oil (bbls): 705	24 hr Gas (MCF): 792	24 hr Water (bbls): 495	Oil Gravity – API:
Disposition of Gas: SOLD			

Section 6 – Pits

☐ A temporary pit was used at the well. If so, attach a plat with the location of the temporary pit.
☒ A Closed Loop System was used.
☐ If an on-site burial was used at the well, report the exact location of the on-site burial: LAT: _____ LONG: _____

Section 7 - Operator Signature and Certification

☒ I hereby certify that the required Water Use Report has been, or will be, submitted for this well’s completion.	
☒ I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this well’s completion.	
☒ 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.	
Name: Shaw-Marie Ford	
Title: Regulatory Specialist	Date: 10/18/2024

South Formations				North Formations			
Formation/Zone	MD	TVD	W/O/G	Formation/Zone	MD	TVD	W/O/G
T. Anhy				T. San Jose	-	-	-
T. Salt				T. Nacimiento	-	-	-
B. Salt				T. Ojo Alamo	1190	1175	W
T. Yates				T. Kirtland	1323	1298	-
T. 7 Rivers				T. Fruitland	1527	1478	G
T. Queen				T. Pictured Cliffs	1913	1796	W
T. Grayburg				T. Lewis Shale	2079	1932	-
T. San Andres				T. Chacra	2410	2202	-
T. Glorieta				T. Cliff House	-	-	-
T. Yeso				T. Menefee	3784	3325	G
T. Paddock				T. Point Lookout	4779	4136	-
T. Blinebry				T. Mancos	5040	4350	O/G
T.Tubb				T. Gallup	5818	5044	O/G
T. Drinkard				T. Greenhorn			
T. Abo				T. Graneros			
T. Wolfcamp				T. Dakota			
T. Penn				T. Morrison			
T. Cisco				T. Bluff			
T. Canyon				T. Todilto			
T. Strawn				T. Entrada			
T. Atoka				T. Wingate			
T. Morrow				T. Chinle			
T. Barnett Shale				T. Permian			
T. Miss				T. Penn A"			
T. Woodford Shale				T. Penn. "B"			
T. Devonian				T. Penn. "C"			
T. Silurian				T. Penn. "D"			
T. Fusselman				T. Leadville			
T. Montoya				T. Madison			
T. Simpson				T. Elbert			
T. McKee				T. McCracken			
T. Waddell				T. Ignacio Otzte			
T. Connel				T. Granite			
T. Ellenburger				T. Hermosa			
T. Gr. Wash				T. De Chelly			
T. Delaware Sand				T. Pinkerton			
T. Lamar Lime							
T. Bell Canyon							
T. Cherry Canyon							
T. Brushy Canyon							
T. Bone Springs							
T. 1st BS Sand							
T. 2nd BS Carbonate							
T. 2nd BS Sand							
T. 3rd BS Carbonate							
T. 3rd BS Sand							



U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

Well Completion Print

09/05/2024

Operator Name DJR OPERATING LLC	Well Name NORTH ALAMITO UNIT	Well Number 006H	US Well Number 3003931429
SHL SESW Sec 17 23N 7W	County RIO ARRIBA	State NM	Lease Number(s) NMNM81638
Well Type OIL WELL	Well Status Producing Oil Well	Agreement Name NORTH ALAMITO UNIT	Agreement Number(s) NMNM135229A
Allottee/Tribe Name	Well Pad Name NORTH ALAMITO UNIT	Well Pad Number 005H, 006H	APD ID 10400077320

Section 1 - General

Well Completion Report Id: 92920**Submission Date:** 09-04-2024**BLM Office:** Farmington Field Office**User:** SHAW-MARIE FORD**Title:** Regulatory Specialist**Federal/Indian:** FEDERAL**Lease Number:** NMNM81638**Lease Acres:****Agreement in place?:** YES**Federal or Indian Agreement:** INDIAN**Agreement Number:****Agreement Name:** NORTH ALAMITO**Additional Information****Keep this Well Completion Report confidential?:** YES**APD Operator:** DJR OPERATING LLC

Section 2 - Well

Field/Pool or Exploratory:**Pool Name:** NORTH ALAMITO UNIT**Field Name:** BASIN MANCOS**Well Type:** OIL WELL**Spud Date:** 02-07-2023**Date Total Measured Depth Reached:** 05-16-2024**Drill & Abandon or Ready To Produce:** READY TO PRODUCE**Well Class:** HORIZONTAL

Operator Name DJR OPERATING LLC	Well Name NORTH ALAMITO UNIT	Well Number 006H	US Well Number 3003931429
SHL SESW Sec 17 23N 7W	County RIO ARRIBA	State NM	Lease Number(s) NMNM81638
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Allottee/Tribe Name	Well Pad Name NORTH ALAMITO UNIT	Well Pad Number 005H, 006H	APD ID 10400077320

Section 3 - Geologic

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral
OJO ALAMAO	SANDSTONE		7025	1175	1190	USEABLE WATER	
KIRTLAND	SHALE		5715	1298	1323	NONE	
FRUITLAND	COAL		5503	1478	1527	NATURAL GAS	
PICTURED CLIFFS	SANDSTONE		5247	1796	1913	USEABLE WATER	
LEWIS	SHALE		5136	1932	2079	NONE	
CHACRA	SANDSTONE		4416	2202	2410	NONE	
MENEFEE	COAL, SANDSTONE		3742	3325	3784	NATURAL GAS	
POINT LOOKOUT	SANDSTONE		2909	4136	4779	NONE	
MANCOS	SHALE		2723	4350	5040	NONE	
GALLUP	SANDSTONE		1785	5044	5818	NATURAL GAS, OIL	

Completion and Completed

Completion Data

Wellbore Code	Completion Code	Interval Number	Case Number	Lease Number	Well Completion Type	Describe Well Completion Type	Completion Status	Date Completed	Date First Produced	Formation	Interval Top (MD)	Interval Bottom (MD)	Interval Perforated?	Perforation Size	Number of Holes	Status of Interval
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Operator Name DJR OPERATING LLC	Well Name NORTH ALAMITO UNIT	Well Number 006H	US Well Number 3003931429
SHL SESW Sec 17 23N 7W	County RIO ARRIBA	State NM	Lease Number(s) NMNM81638
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Allottee/Tribe Name	Well Pad Name NORTH ALAMITO UNIT	Well Pad Number 005H, 006H	APD ID 10400077320

Completion Data

Wellbore Code	Completion Code	Interval Number	Case Number	Lease Number	Well Completion Type	Describe Well Completion Type	Completion Status	Date Completed	Date First Produced	Formation	Interval Top (MD)	Interval Bottom (MD)	Interval Perforated?	Perforation Size	Number of Holes	Status of Interval
00	S1	1	NMNM135229A	NMNM81638	NEW		POW	08-23-2024	08-27-2024	GALLUP	7196	13783	Y	.3	1170	OPEN

Treatment Data

Wellbore Code	Completion Code	Interval Number	Interval Treated?	Treatment Type	Tottle Fluid (bbls)	Total Proppant (lbs)	Treatment Remarks
00	S1	1	Y	FRAC	123069	10139062	Chemical Disclosure uploaded to FracFocus on 7/23/24.

Production Data

Wellbore Code	Completion Code	Interval Number	API Oil Gravity	Gas Gravity	Production Method	Describe Production	Disposition of Gas	Describe Disposition
00	S1	1			GAS LIFT		SOLD	

Test Data

Wellbore Code	Completion Code	Interval Number	Test Date	Hours Tested	24-Hour Rate Oil (bbls)	24-Hour Rate Gas (MCF)	24-Hour Rate Water(BWPD)	Gas-Oil Ratio (SCF/Bbl)	Choke Size	Tubing Pressure	Tubing Pressure Shut-In (psi)	Casing Pressure (psi)

Operator Name DJR OPERATING LLC	Well Name NORTH ALAMITO UNIT	Well Number 006H	US Well Number 3003931429
SHL SESW Sec 17 23N 7W	County RIO ARRIBA	State NM	Lease Number(s) NMNM81638
Well Type OIL WELL	Well Status Producing Oil Well	Agreement Name NORTH ALAMITO UNIT	Agreement Number(s) NMNM135229A
Allottee/Tribe Name	Well Pad Name NORTH ALAMITO UNIT	Well Pad Number 005H, 006H	APD ID 10400077320

Test Data

Wellbore Code	Completion Code	Interval Number	Test Date	Hours Tested	24-Hour Rate Oil (bbls)	24-Hour Rate Gas (MCF)	24-Hour Rate Water(BWPD)	Gas-Oil Ratio (SCF/bbl)	Choke Size	Tubing Pressure	Tubing Pressure Shut-In (psi)	Casing Pressure (psi)
00	S1	1	08/29/2024	24	705	792	495	1123		235		805

Well Location

Survey Type: RECTANGULAR

Survey Number:

Datum: NAD83

Vertical Datum: NAVD88

Reference Datum: GL

	State	Meridian	County	Latitude	Longitude	Elevation (MSL)	MD (ft)	TVD (ft)	Lease Type	Lease Number	Plug TVD (ft)	Plug MD (ft)	Plug Type	NS-Foot	NS-Indicator	EW-Foot	EW-Indicator	Township	Range	Section	Aliquot/L of Tract
SHL	NEW MEXICO	NEW MEXICO PRINCIPAL	RIO ARRIBA	36.220051	-107.599723	7025	N/A	N/A	FEDERAL	NMNM58877				88	FSL	2016	FWL	23N	7W	17	SESW
KOP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	RIO ARRIBA	36.220051	-107.599723	6611	414	414	FEDERAL	NMNM58877				88	FSL	2016	FWL	23N	7W	17	SESW
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SAN JUAN	36.207026	-107.58892	1632	13783	5393	FEDERAL	NMNM16586				660	FSL	1	FWL	23N	7W	21	SWSW
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SANDOVAL	36.218829	-107.606563	1632	13783	5393	FEDERAL	NMNM16586				344	FNL	1	FWL	23N	7W	20	NWNW

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SHL SESW Sec 17 23N 7W	County RIO ARRIBA	State NM	Lease Number(s) NMNM81638
Well Type OIL WELL	Well Status Producing Oil Well	Agreement Name NORTH ALAMITO UNIT	Agreement Number(s) NMNM135229A
Allottee/Tribe Name	Well Pad Name NORTH ALAMITO UNIT	Well Pad Number 005H, 006H	APD ID 10400077320

	State	Meridian	County	Latitude	Longitude	Elevation (MSL)	MD (ft)	TVD (ft)	Lease Type	Lease Number	Plug TVD (ft)	Plug MD (ft)	Plug Type	NS-Foot	NS-Indicator	EW-Foot	EW-Indicator	Township	Range	Section	Aliquot/Lot/Tract
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	RIO ARRIBA	36.21907	- 107.606908	1683	6175	5342	FEDERAL	NMNM 81638				257	FNL	102	FEL	23N	7W	19	NENE
EXIT Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SANDOVAL	36.205399	- 107.58656	1632	13783	5393	FEDERAL	NMNM 16586				69	FSL	695	FWL	23N	7W	21	SWSW
BHL Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SANDOVAL	36.205314	- 107.586431	1667	14030	5358	FEDERAL	NMNM 16586	5358	14007		38	FSL	733	FWL	23N	7W	21	SWSW

Casing, Liner and Tubing

Casing and Liner

Wellbore Code	Casing String Type	Hole Size	Top Setting Depth (MD)	Bottom Setting Depth (MD)	Casing Size	Wt(lbs/ft)	Casing Grade	Describe Other Casing Grade	Joint	Other Joint	Amount Pulled (ft)
00	SURFACE	12.25	0	409	9.625	36	J-55		ST&C		

Operator Name DJR OPERATING LLC	Well Name NORTH ALAMITO UNIT	Well Number 006H	US Well Number 3003931429
SHL SESW Sec 17 23N 7W	County RIO ARRIBA	State NM	Lease Number(s) NMNM81638
Well Type OIL WELL	Well Status Producing Oil Well	Agreement Name NORTH ALAMITO UNIT	Agreement Number(s) NMNM135229A
Allottee/Tribe Name	Well Pad Name NORTH ALAMITO UNIT	Well Pad Number 005H, 006H	APD ID 10400077320

Casing and Liner

Wellbore Code	Casing String Type	Hole Size	Top Setting Depth (MD)	Bottom Setting Depth (MD)	Casing Size	Wt(lbs/ft)	Casing Grade	Describe Other Casing Grade	Joint	Other Joint	Amount Pulled (ft)
00	INTERMEDIATE	8.75	0	6314	7.0	26	J-55		LT&C		
00	LINER	6.125	6169	14020	4.5	11.6	P-110		BUTT		

Cementing

Wellbore Code	Casing String Type	Stage Tool Depth	Cement Lead Type	Cement Lead Qty (sks)	Cement Lead Yield (cu.ft/sks)	Cement Lead Top (MD)	Cement Tail Type	Cement Tail Qty (sks)	Cement Tail Yield(cu.ft/sks)	Cement Tail Top (MD)	Total (Lead + Tail) Cement Slurry Volume
00	SURFACE		I-II	109	1.61	0					31.3
00	INTERMEDIATE		III:POZ	605	2.15	0	III	170	1.71	4462	283.4
00	LINER		G	649	1.52	6169					175.7

Tubing

Wellbore Code	Tubing Size	Describe Other	Tubing Setting Depth (MD/ft)	Packer Depth (MD/ft)	Tubing Weight	Tubing Grade	Describe Other	Tubing Coupling	Describe Other
00	2.875		6461	6169	6	L-80		SLIM LINE HIGH PERFORMANCE	

Operator Name DJR OPERATING LLC	Well Name NORTH ALAMITO UNIT	Well Number 006H	US Well Number 3003931429
SHL SESW Sec 17 23N 7W	County RIO ARRIBA	State NM	Lease Number(s) NMNM81638
Well Type OIL WELL	Well Status Producing Oil Well	Agreement Name NORTH ALAMITO UNIT	Agreement Number(s) NMNM135229A
Allottee/Tribe Name	Well Pad Name NORTH ALAMITO UNIT	Well Pad Number 005H, 006H	APD ID 10400077320

North_Alamito_Unit_006_H_PVA_final_Surveys__20240904103402.pdf

As_Drilled_WBD__09.04.24__20240904103431.pdf

006H_NAU_ASDRILLED_PLAT_20240904103450.pdf

CONFIDENTIAL

From: blm-afmss-notifications@blm.gov
To: [Shaw Ford](#)
Subject: Well Name: NORTH ALAMITO UNIT, Well Number: 006H, Notification of Well Completion Acceptance
Date: Wednesday, September 4, 2024 11:22:25 AM

The Bureau of Land Management

Notice of Acceptance for Well Completion Report

- Operator Name: **DJR OPERATING LLC**
- Well Name: **NORTH ALAMITO UNIT**
- Well Number: **006H**
- US Well Number: **3003931429**
- Well Completion Report Id: **WCR2024090492920**

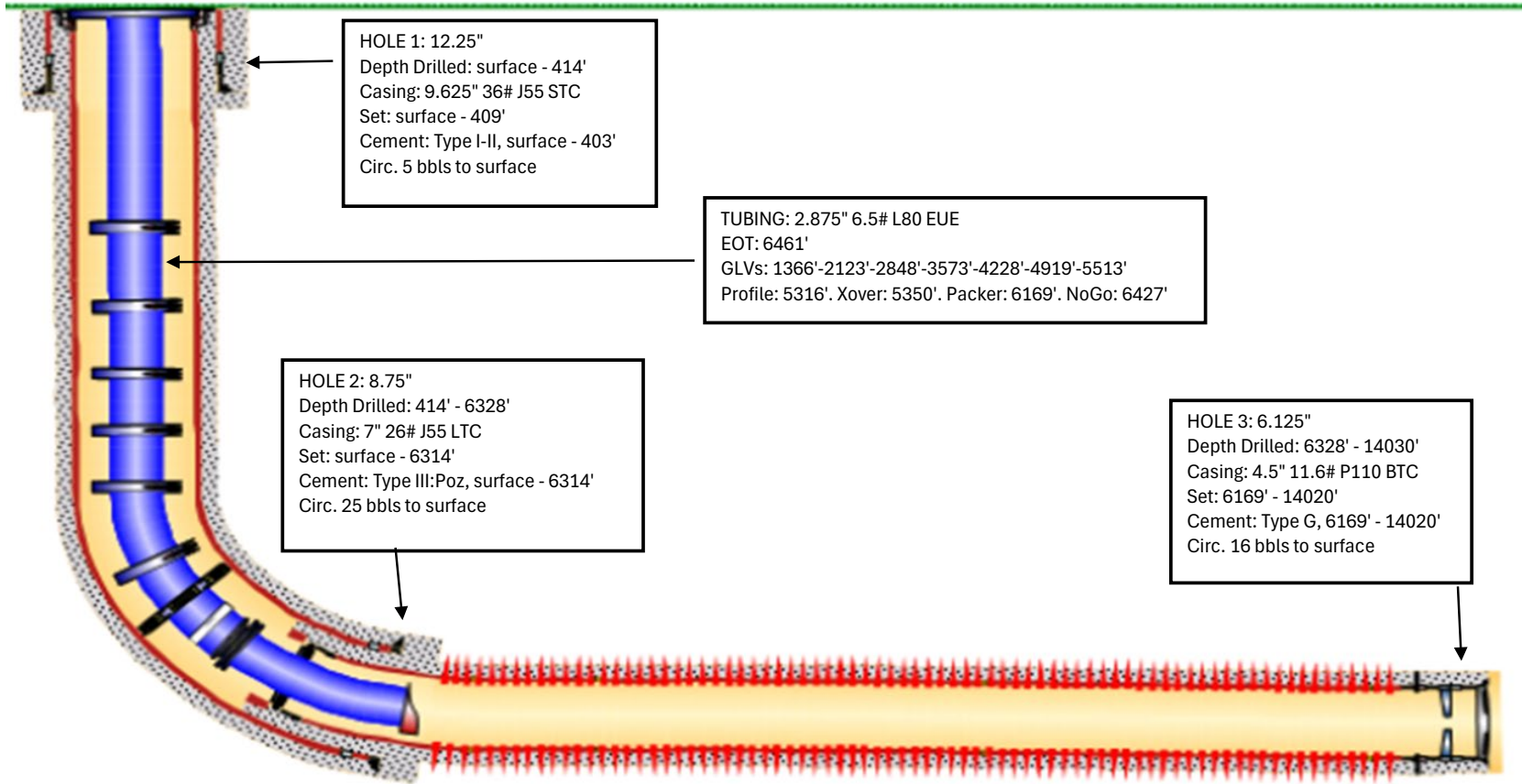
This notification is automatically generated. Please do not reply to this message as this account is not monitored.

NORTH ALAMITO UNIT 006H

API: 30-039-31429
 SHL: SESW N-17-23N-07W
 88' FSL x 733' FWL

Page 27 of 29
 Elevation: 7025' GL
 Spud Date: 2/7/2023
 Completed Date: 8/23/2024

FORMATION	MD	TVD
Ojo Alamo	1190'	1175'
Kirtland	1323'	1298'
Fruitland	1527'	1478'
Pictured Cliffs	1913'	1796'
Lewis	2079'	1932'
Chacra	2410'	2202'
Menefee	3784'	3325'
Point Lookout	4779'	4136'
Mancos	5040'	4350'
KOP~	5186'	4520'
Gallup	5818'	5044'



Perf:	39 Stages	Frac:	39 Stages
Depth:	7196' - 13783' MD		123,069 bbls of fluid
	5354' - 5393' TVD		10,139,062 lbs of proppant
Total of 1170 Open Holes			

(NAD83)	LAT.	LONG.
SHL:	36.220051	-107.599723
FTP:	36.219070	-107.606908
LTP:	36.205399	-107.586560
BHL:	36.205314	-107.586431

BHL: SWSW M-21-23N-07W
 38' FSL x 733' FWL

14,030'	TD
5,358'	TVD
14,007'	PBTD
13,981'	FracSleeve

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

ACKNOWLEDGMENTS

Action 403195

ACKNOWLEDGMENTS

Operator: DJR OPERATING, LLC 200 Energy Court Farmington, NM 87401	OGRID: 371838
	Action Number: 403195
	Action Type: [C-104] Completion Packet - New Well (C-104NW)

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.
☒	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.

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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 403195

CONDITIONS

Operator: DJR OPERATING, LLC 200 Energy Court Farmington, NM 87401	OGRID: 371838
	Action Number: 403195
	Action Type: [C-104] Completion Packet - New Well (C-104NW)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	11/22/2024