

Santa Fe Main Office Phone: (505) 476-3441 Fax: (55) 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 005H	Property Code: 325267
Mineral Owner: ☐ State ☐ Fee ☒ Tribal ☒ Federal	API Number: 30-039-31428
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		107' SOUTH	2008' WEST	36.220102	-107.559751	RIO ARRIBA

Section 3 – Completion Information

Producing Method FLOWING	Ready Date 7/18/2024	Perforations MD 5583' – 11870'	Perforations TVD 5376' – 5411'
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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): 353412	Communitization Agreement ☐ Yes ☒ No, Order No.
Surface Casing Action ID: 190769	Unit: ☒ Yes ☐ No, Order No. R-14081 / R-14081A
Intermediate 1 Casing Action ID: 343415	Compulsory Pooling: ☐ Yes ☒ No, Order No.
Intermediate 2 Casing Action ID:	Down Hole Commingling: ☐ Yes ☒ No, Order No.
Production Casing Action ID: 345137	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: 345137	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 30-039-31428	Pool Code 98174	Pool Name NORTH ALAMITO UNIT MANCOS OIL POOL
Property Code 325267	Property Name NORTH ALAMITO UNIT	Well Number 005H
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		107' SOUTH	2008' WEST	36.220102° N	107.599751° 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
N	21	23N	7W		967' SOUTH	1490' WEST	36.207860° N	107.583874° W	SANDOVAL

Dedicated Acres SEC 20: NE/NW, SE/NW, NW/NE, SW/NE, SE/NE & NE/SE (240 AC.); SEC 21: SW/4 (160 AC.) = 400 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
N	17	23N	7W		3' SOUTH	1466' WEST	36.219809° N	107.601593° W	RIO ARriba

Fist Take Point (FTP)

UL	Section	Township	Range	Lot	Ft from the N/S	Ft from the E/W	Latitude	Longitude	County
C	20	23N	7W		253' NORTH	1735' WEST	36.219110° N	107.600682° W	SANDOVAL

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft from the N/S	Ft from the E/W	Latitude	Longitude	County
N	21	23N	7W		998' SOUTH	1451' WEST	36.207946° N	107.584006° 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

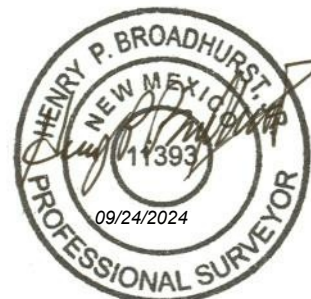
9/24/2024
Date

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:

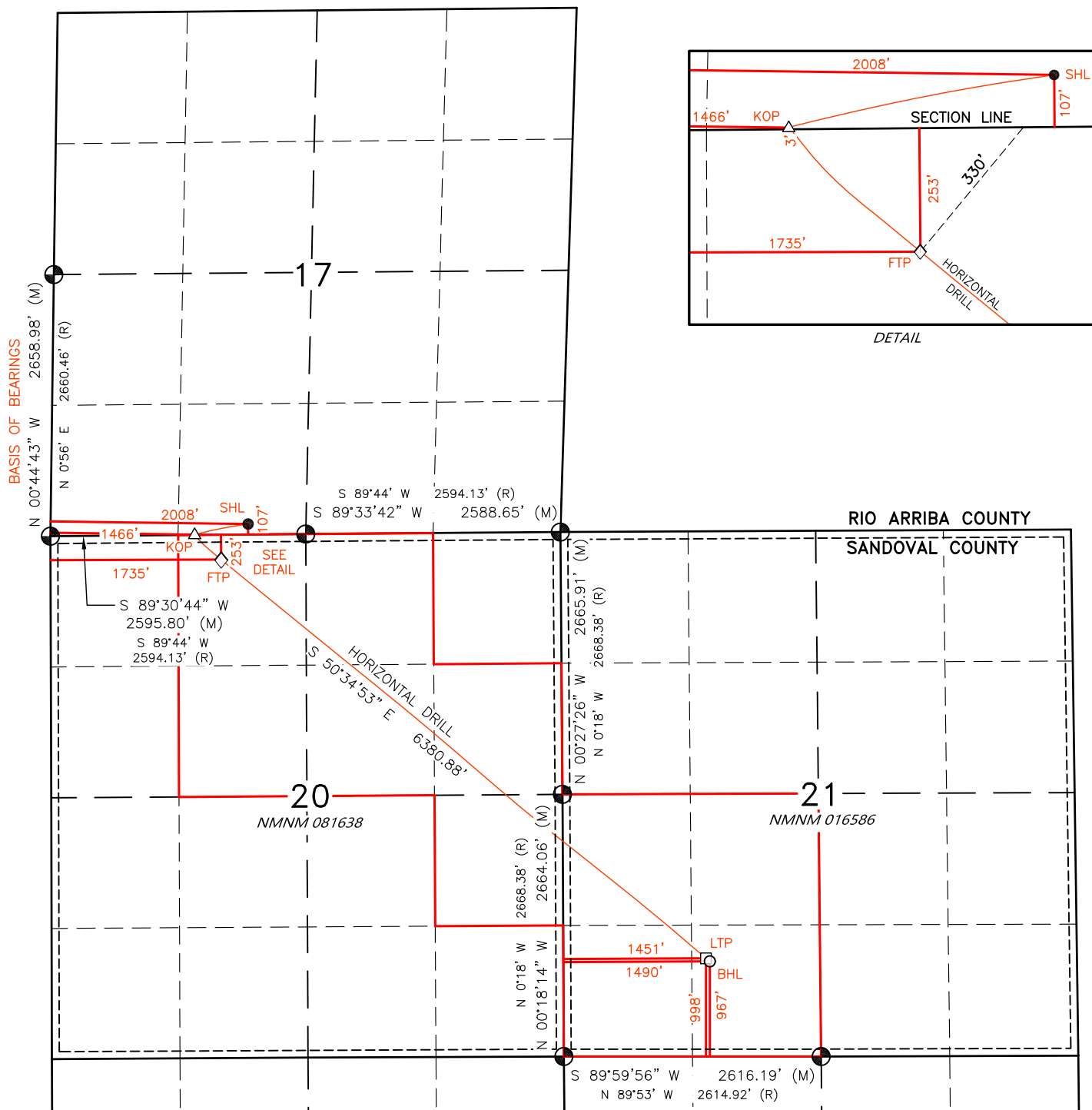
Certificate Number

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 BC
GLO 1948

SURFACE LOCATION (SHL)
107' FSL 2008' FWL
SEC. 17, T23N, R7W
LAT. 36.220102° N (NAD83)
LONG. 107.599751° W (NAD83)

FIRST TAKE POINT (FTP)
253' FNL 1735' FWL
SEC. 20, T23N, R7W
LAT. 36.209110° N (NAD83)
LONG. 107.600682° W (NAD83)

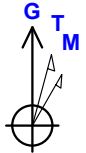
BOTTOM HOLE LOCATION (BHL)
967' FSL 1490' FWL
SEC. 21, T23N, R7W
LAT. 36.207860° N (NAD83)
LONG. 107.583874° W (NAD83)

KICK OFF POINT (KOP)
3' FSL 1466' FWL
SEC. 17, T23N, R7W
LAT. 36.219809° N (NAD83)
LONG. 107.601593° W (NAD83)

LAST TAKE POINT (LTP)
998' FSL 1451' FWL
SEC. 21, T23N, R7W
LAT. 36.207946° N (NAD83)
LONG. 107.584006° W (NAD83)



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



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

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

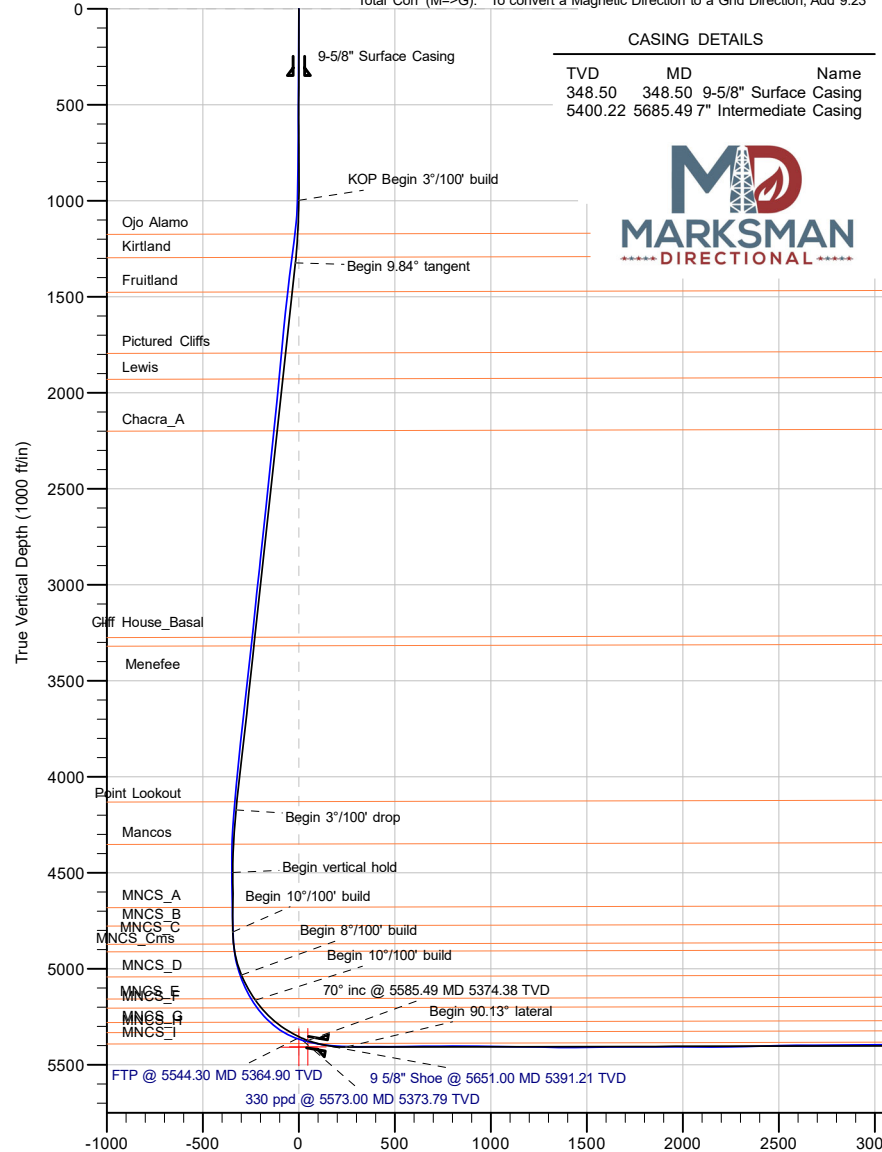
Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: New Mexico Central Zone
System Datum: Mean Sea Level
Depth Reference: RKB=7025+23.5 @ 7048.50ft (Ensign 140)

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

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

CASING DETAILS

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



9:24, May 12 2024

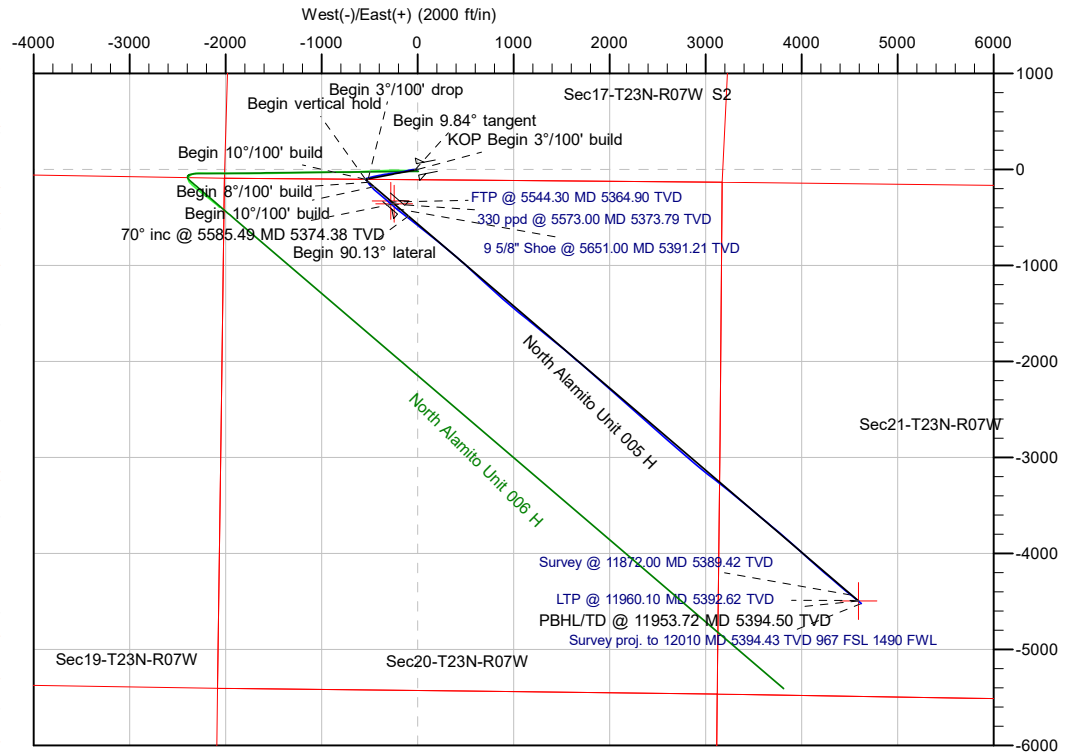
Section Details											
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	Vsect	Annotation	
1	0.00	0.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00		
2	998.50	0.00	0.000	998.50	0.00	0.00	0.00	0.00	0.00	KOP Begin 3"/100' build	
3	1326.34	9.84	259.211	1324.73	-5.25	-27.57	3.00	259.21	-17.54	Begin 9.84" tangent	
4	4217.65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

DESIGN TARGET DETAILS

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

ANNOTATIONS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Vsect	Departure	Annotation
440.00	0.38	273.600	440.00	0.09	-1.46	-1.17	1.46	MWD surveys
5544.30	70.05	131.188	5364.90	-339.54	-300.24	-7.44	903.41	FTP @ 5544.30 MD 5364.90 TVD
5573.00	73.88	130.673	5373.79	-357.41	-279.63	19.85	930.66	330 ppd @ 5573.00 MD 5373.79 TVD
5651.00	79.90	129.766	5391.21	-406.46	-221.58	95.84	1006.74	9 5/8" Shoe @ 5651.00 MD 5391.21 TVD
11872.00	87.92	129.420	5389.42	-443.85	4515.75	6313.70	7226.14	Survey @ 11872.00 MD 5389.42 TVD
11960.10	87.92	129.420	5392.62	-449.76	4583.76	6401.72	7314.18	LTP @ 11960.10 MD 5392.62 TVD
12010.00	87.92	129.420	5394.43	-4521.42	4622.28	6451.58	7364.04	Survey proj. to 12010 MD 5394.43 TVD 967 FSL 1490 FWL



(ft/in) 0002 (+) (ft/in) (-) 0005



Survey Report



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

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

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

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

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

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

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

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



Survey Report



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

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



Survey Report



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

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



Survey Report



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

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



Survey Report



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

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

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



Survey Report - Geographic



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

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

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

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

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

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

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

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



Survey Report - Geographic



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

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



Survey Report - Geographic



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

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



Survey Report - Geographic



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

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

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

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 005H	Property Code: 325267
Mineral Owner: ☐ State ☐ Fee ☒ Tribal ☒ Federal	API Number: 30-039-31428
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		107	SOUTH	2008	WEST	RIO ARRIBA
BHL:	N	21	23N	7W		967	SOUTH	1490	WEST	SANDOVAL

Section 3 – Completion Information

Date TD Reached 5/12/2024	Total Measured Depth of Well 12010	Acid Volume (bbls) 0	☒ Directional Survey Submitted ☐ Deviation Survey Submitted
Date Rig Released 5/13/2024	Plug-Back Measured Depth 11995	Completion Fluid Used (bbls) 100848	Were Logs Ran (Y/N): N
Completion Date 8/14/2024	Perforations (MD and TVD) 5583 – 11870MD / 5376 – 5411 TVD	Completion Proppant Used (lbs) 8272028	List Type of Logs Ran if applicable: N/A

Section 4 – Action IDs for Submissions and Order Numbers

Surface Casing Action ID: 190769	UIC Permit/Order (UIC wells only) ☐ Yes ☐ No, Order No.
Intermediate 1 Casing Action ID: 343415	NOI Recomplete Action ID (if applicable):
Intermediate 2 Casing Action ID:	NOI Plugback Action ID (if applicable):
Production Casing Action ID: 345137	Cement Squeeze Action ID (if applicable):
Tubing Action ID: 403179	All casing was pressure tested in accordance with NMAC ☒ Yes ☐ No
Liner 1 Action ID: 345137	Casing was installed prior to Action ID system (Y/N): N

Section 5 – Test Data

Date First Production: 8/17/2024	Production Method: Flowing Gas Lift	Well Status: Active Producing	Gas – Oil Ratio: 1170
Date of Test: 8/19/2024	Choke Size: 46/64	Flowing Tubing Pressure: 124	Casing Pressure: 827
24 hr Oil (bbls): 872	24 hr Gas (MCF): 1021	24 hr Water (bbls): 814	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	1175	1175	W
T. Yates				T. Kirtland	1298	1297	-
T. 7 Rivers				T. Fruitland	1482	1477	G
T. Queen				T. Pictured Cliffs	1808	1795	W
T. Grayburg				T. Lewis Shale	1947	1930	-
T. San Andres				T. Chacra	2224	2200	-
T. Glorieta				T. Cliff House	-	-	-
T. Yeso				T. Menefee	3372	3321	G
T. Paddock				T. Point Lookout	4205	4133	-
T. Blinebry				T. Mancos	4430	4354	O/G
T.Tubb				T. Gallup	5129	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

09/17/2024

Operator Name DJR OPERATING LLC	Well Name NORTH ALAMITO UNIT	Well Number 005H	US Well Number 3003931428
SHL SESW Sec 17 23N 7W	County RIO ARRIBA	State NM	Lease Number(s) NMNM81638
Well Type OIL WELL	Well Status Drilling 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 10400077219

Section 1 - General

Well Completion Report Id: 92911**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:** 02-09-2023**Date Total Measured Depth Reached:** 05-12-2024**Drill & Abandon or Ready To Produce:** READY TO PRODUCE**Well Class:** HORIZONTAL

Operator Name DJR OPERATING LLC	Well Name NORTH ALAMITO UNIT	Well Number 005H	US Well Number 3003931428
SHL SESW Sec 17 23N 7W	County RIO ARRIBA	State NM	Lease Number(s) NMNM81638
Well Type OIL WELL	Well Status Drilling 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 10400077219

Section 3 - Geologic

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral
OJO ALAMO	SANDSTONE		7025	1175	1175	USEABLE WATER	
KIRTLAND	SHALE		5702	1297	1298	NONE	
FRUITLAND	COAL		5490	1477	1482	NATURAL GAS	
PICTURED CLIFFS	SANDSTONE		5234	1795	1808	USEABLE WATER	
LEWIS	SHALE		5123	1930	1947	NONE	
CHACRA	SANDSTONE		4403	2200	2224	NONE	
MENEFEE	COAL, SANDSTONE		3729	3321	3372	NATURAL GAS	
POINT LOOKOUT	SANDSTONE		2896	4133	4205	NONE	
MANCOS	SHALE		2710	4354	4430	NATURAL GAS, OIL	
GALLUP	SANDSTONE		1772	5044	5129	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 005H	US Well Number 3003931428
SHL SESW Sec 17 23N 7W	County RIO ARRIBA	State NM	Lease Number(s) NMNM81638
Well Type OIL WELL	Well Status Drilling 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 10400077219

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	07-18-2024	08-17-2024	GALLUP	5583	11870	Y	.3	960	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	100848	8272028	Chemical Disclosure uploaded to FracFocus on 7/23/2024.

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	

Operator Name DJR OPERATING LLC	Well Name NORTH ALAMITO UNIT	Well Number 005H	US Well Number 3003931428
SHL SESW Sec 17 23N 7W	County RIO ARRIBA	State NM	Lease Number(s) NMNM81638
Well Type OIL WELL	Well Status Drilling 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 10400077219

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	08/19/2024	24	872	1021	814	1170	46/64	124		827

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	36.220102	-107.599751	7025	N/A	N/A	FEDERAL	NMNM58877				107	FSL	2008	FWL	23N	7W	17	SESW
KOP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	RIO ARRIBA	36.220102	-107.599751	6612	413	413	FEDERAL	NMNM58877				107	FSL	2008	FWL	23N	7W	17	SESW
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SANDOVAL	36.211223	-107.588935	1614	11870	5411	FEDERAL	NMNM16586				2188	FSL	1	FWL	23N	7W	21	NWSW
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SANDOVAL	36.21911	-107.600682	1652	5573	5373	FEDERAL	NMNM81638				253	FNL	1735	FWL	23N	7W	20	NENW

Operator Name DJR OPERATING LLC	Well Name NORTH ALAMITO UNIT	Well Number 005H	US Well Number 3003931428
SHL SESW Sec 17 23N 7W	County RIO ARRIBA	State NM	Lease Number(s) NMNM81638
Well Type OIL WELL	Well Status Drilling 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 10400077219

	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
EXIT Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SANDOVAL	36.207946	-107.584006	1614	11870	5411	FEDERAL	NMNM16586				998	FSL	1451	FWL	23N	7W	21	SESW
BHL Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	SANDOVAL	36.20786	-107.583874	1636	12010	5389	FEDERAL	NMNM16586	5389	11995		967	FSL	1490	FWL	23N	7W	21	SESW

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	408	9.625	36	J-55		ST&C		
00	INTERMEDIATE	8.75	0	5651	7.0	26	J-55		LT&C		

Operator Name DJR OPERATING LLC	Well Name NORTH ALAMITO UNIT	Well Number 005H	US Well Number 3003931428
SHL SESW Sec 17 23N 7W	County RIO ARRIBA	State NM	Lease Number(s) NMNM81638
Well Type OIL WELL	Well Status Drilling 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 10400077219

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	LINER	6.125	5486	11995	4.5	6.5	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	584	2.15	0	III	161	1.71	4696	272.7
00	LINER		G	534	1.52	5486					144.6

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		5781	5507	6	L-80		SLIM LINE HIGH PERFORMANCE	

Operator Name DJR OPERATING LLC	Well Name NORTH ALAMITO UNIT	Well Number 005H	US Well Number 3003931428
SHL SESW Sec 17 23N 7W	County RIO ARRIBA	State NM	Lease Number(s) NMNM81638
Well Type OIL WELL	Well Status Drilling 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 10400077219

North_Alamito_Unit_005_H_svys_Final_3_20240904090342.pdf

As_Drilled_WBD__09.03.24__20240904090527.pdf

005H_ASDRILLED_PLAT_20240905125411.pdf

CONFIDENTIAL

From: blm-afmss-notifications@blm.gov
To: [Shaw Ford](#)
Subject: Well Name: NORTH ALAMITO UNIT, Well Number: 005H, Notification of Well Completion Acceptance
Date: Tuesday, September 17, 2024 12:46:01 PM

The Bureau of Land Management

Notice of Acceptance for Well Completion Report

- Operator Name: **DJR OPERATING LLC**
- Well Name: **NORTH ALAMITO UNIT**
- Well Number: **005H**
- US Well Number: **3003931428**
- Well Completion Report Id: **WCR2024091792911**

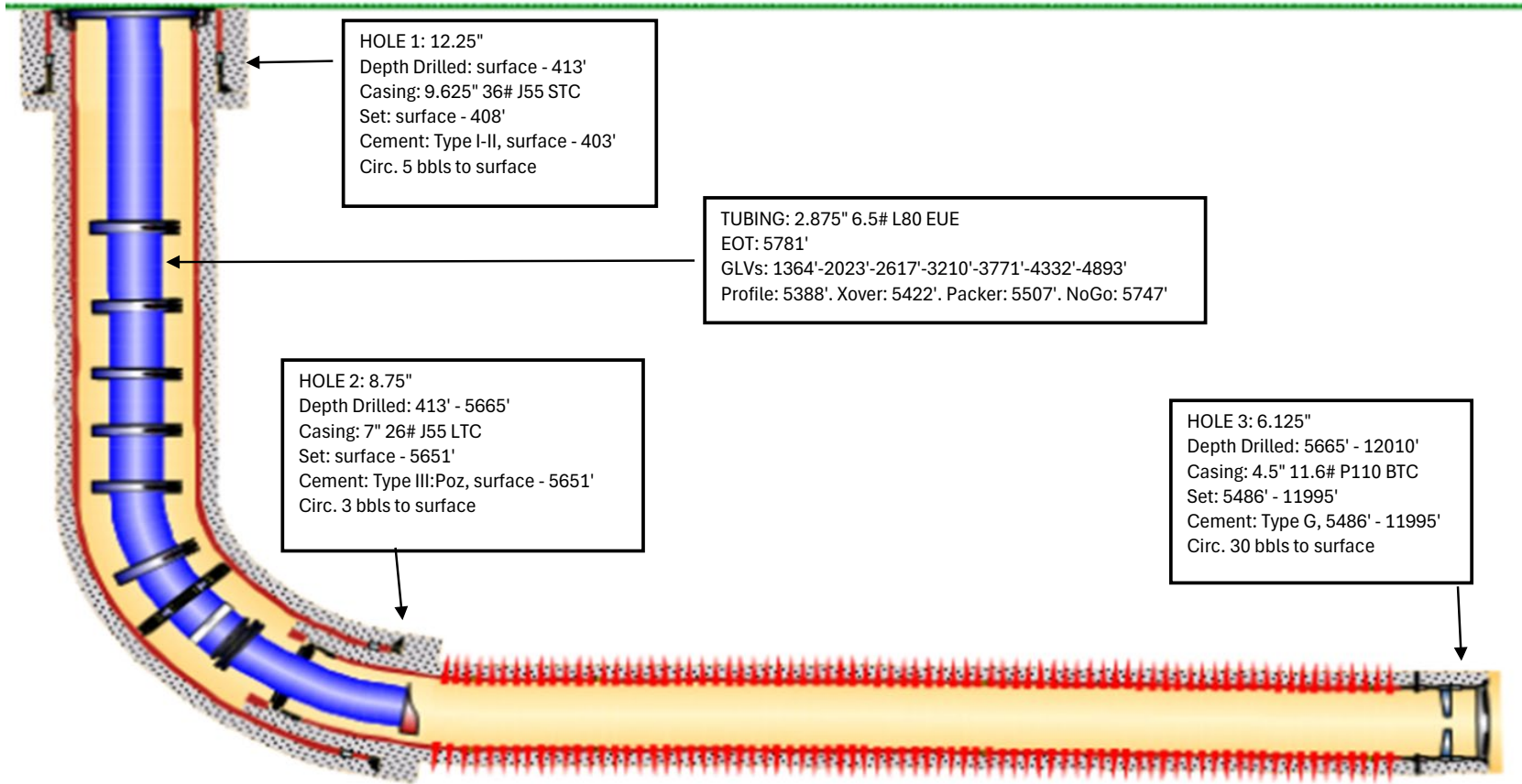
This notification is automatically generated. Please do not reply to this message as this account is not monitored.

NORTH ALAMITO UNIT 005H

API: 30-039-31428
 SHL: SESW N-17-23N-07W
 107' FSL x 2008' FWL

Page 25 of 27
 Elevation: 7025' GL
 Spud Date: 2/9/2023
 Completed Date: 8/14/2024

FORMATION	MD	TVD
Ojo Alamo	1175'	1175'
Kirtland	1298'	1297'
Fruitland	1482'	1477'
Pictured Cliffs	1808'	1795'
Lewis	1947'	1930'
Chacra	2224'	2200'
Menefee	3372'	3321'
Point Lookout	4205'	4133'
Mancos	4430'	4354'
KOP~	4855'	4809'
Gallup	5129'	5044'



Perf:	33 Stages	Frac:	33 Stages
Depth:	5583' - 11870' MD	100,848	bbls of fluid
	5376' - 5411' TVD	8,272,028	lbs of proppant
Total of 960 Open Holes			

(NAD83)	LAT.	LONG.
SHL:	36.220102	-107.599751
FTP:	36.219110	-107.600682
LTP:	36.207946	-107.584006
BHL:	36.207860	-107.583874

BHL: SESW N-21-23N-07W
 967' FSL x 1490' FWL

12,010'	TD
5,389'	TVD
11,995'	PBTD
11,970'	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 403182

ACKNOWLEDGMENTS

Operator: DJR OPERATING, LLC 200 Energy Court Farmington, NM 87401	OGRID: 371838
	Action Number: 403182
	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 403182

CONDITIONS

Operator: DJR OPERATING, LLC 200 Energy Court Farmington, NM 87401	OGRID: 371838
	Action Number: 403182
	Action Type: [C-104] Completion Packet - New Well (C-104NW)

CONDITIONS

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