

Well Name: NORTHEAST BLANCO
UNIT 604

Well Location: T31N / R7W / SEC 13 /
SWNW / 36.9013651 / -107.529538

County or Parish/State: SAN
JUAN / NM

Well Number: 9H

Type of Well: CONVENTIONAL GAS
WELL

Allottee or Tribe Name:

Lease Number: NMNM03358

Unit or CA Name: NEBU--ST

Unit or CA Number:
NMNM78402X

US Well Number: 3004538354

Operator: SIMCOE LLC

Notice of Intent

Sundry ID: 2899583

Type of Submission: Notice of Intent

Type of Action: APD Change

Date Sundry Submitted: 03/09/2026

Time Sundry Submitted: 04:00

Date proposed operation will begin: 03/09/2026

Procedure Description: SIMCOE is proposing to alter the Northeast Blanco Unit 604 9H wellbore. The new surface hole location (SHL) will remain within the permitted well pad, and the wellbore will stay within the same dedicated acreage and existing leases.

NOI Attachments

Procedure Description

NEBU_604_9H_Plan_4_AC_Report_20260309155927.pdf

NEBU_604_9H_Plan_4_20260309155915.pdf

NEBU_604_9H_Form_C_102_signed_20260309155837.pdf

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County or Parish/State: SAN JUAN / NM

Well Number: 9H

Type of Well: CONVENTIONAL GAS WELL

Allottee or Tribe Name:

Lease Number: NMNM03358

Unit or CA Name: NEBU--ST

Unit or CA Number: NMNM78402X

US Well Number: 3004538354

Operator: SIMCOE LLC

Operator

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

Operator Electronic Signature: CALE REDPATH

Signed on: MAR 09, 2026 03:59 PM

Name: SIMCOE LLC

Title: Regulatory Analyst

Street Address: 1199 MAIN AVE SUITE 101

City: DURANGO **State:** CO

Phone: (970) 759-8799

Email address: CALE.REDPATH@MACHNR.COM

Field

Representative Name:

Street Address:

City: **State:** **Zip:**

Phone:

Email address:

BLM Point of Contact

BLM POC Name: DAVE J MANKIEWICZ

BLM POC Title: AFM-Minerals

BLM POC Phone: 5055647761

BLM POC Email Address: DMANKIEW@BLM.GOV

Disposition: Approved

Disposition Date: 03/11/2026

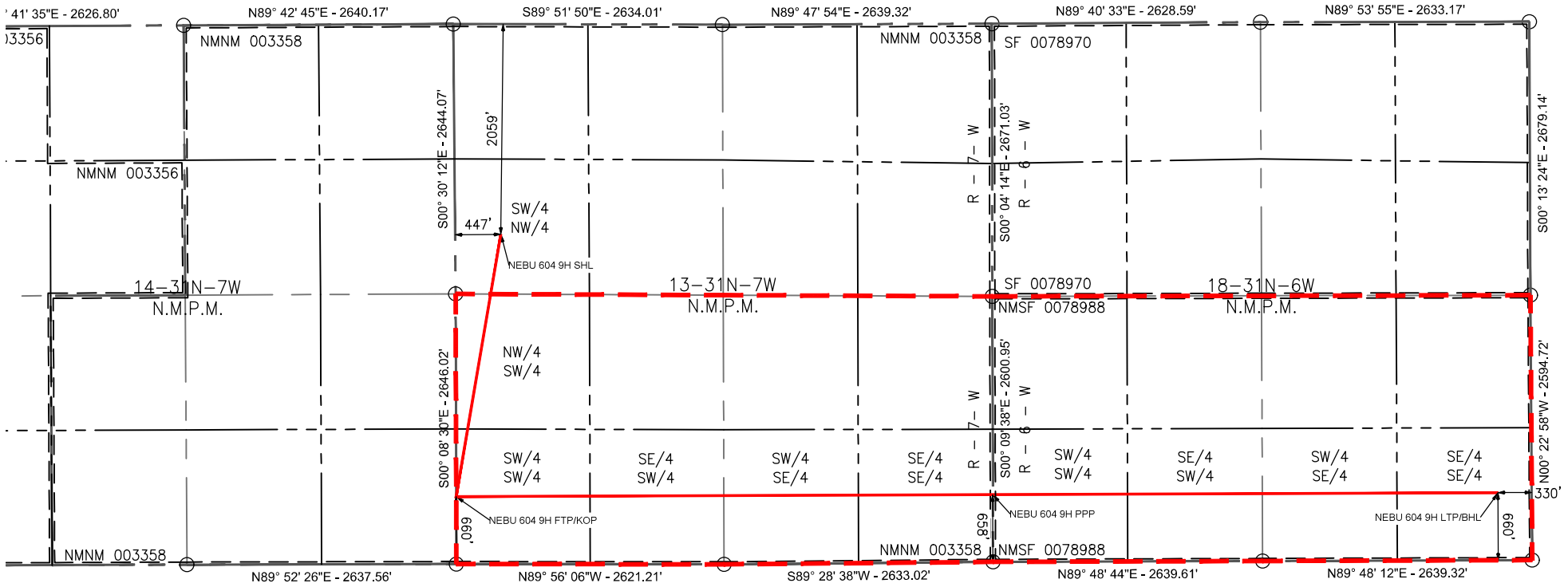
Signature: Dave J Mankiewicz



ACREAGE DEDICATION PLATS

This grid represents a standard section. You may superimpose a non-standard section, or larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is directionally drilled, with the dimensions from the section lines in the cardinal directions. If this is a horizontal wellbore show on this plat the location of the First Take Point and Last Take Point, and the point within the Completed interval (other than the First Take Point or Last Take Point) that is closest to any outer boundary of the tract.

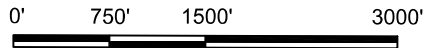
Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.



U.S.G.L.O. SUBDIVISIONS APRIL 13, 1914 through APRIL 28, 1914,
ACCEPTED NOVEMBER 24, 1917.

U.S.G.L.O. SUBDIVISIONS MARCH 20, 1914 through APRIL 30, 1914,
ACCEPTED SEPTEMBER 30, 1919.

BEARINGS BASED ON
GRID NORTH - NEW MEXICO SPC,
NAD-83, WEST



SCALE: 1" = 1500'

LEGEND

- WELL BORE
- WELL PAD
- ACCESS ROAD
- FOUND 1914
- USGLO BRASS CAP
- SECTION LINE
- 1/4 SEC LINE
- BLM MINERAL TRACT BOUNDARY

NORTHEAST BLANCO UNIT 604 9H		Northing	Easting	Latitude	Longitude
NEBU 604 9H SHL ENTRY: FED NMNM 003358	2059' FNL 447' FWL 13-31N-7W	2147476.7978	2811855.8363	N036.901124	W107.529748
NEBU 604 9H FTP/KOP: FED NMNM 003358	660' FSL 0' FWL 13-31N-7W	2144906.9111	2811418.9574	N036.894069	W107.531270
NEBU 604 9H PPP: FED NMSF0078988	658' FSL 0' FWL 18-31N-6W	2144926.2827	2816672.8684	N036.894075	W107.513303
NEBU 604 9H LTP/BHL EXIT: FED NMSF0078988	660' FSL 330' FEL 18-31N-6W	2144944.5203	2821619.2064	N036.894079	W107.496387

GENERAL NOTES:

1. DATUM BASED ON NEW MEXICO STATE PLANE COORDINATE SYSTEM, NAD 83, NAVD 88. ELEVATIONS MSL, DERIVED FROM GPS OBSERVATION.
2. THIS EXHIBIT DOES NOT GUARANTEE TITLE OR OWNERSHIP.
3. THIS IS NOT A BOUNDARY SURVEY.
4. THIS EXHIBIT DOES NOT COMPLY WITH THE NEW MEXICO MINIMUM STANDARDS FOR LAND BOUNDARY SURVEYS.

REVISION #	DATE	DESCRIPTION	BY
01	3/5/2026	SHL REVISION	MVA
02	3/9/2026	SHL REVISION	MVA
03	3/16/2026	ADDED ACREAGE BOXES	MVA

GL 6501' & RKB 27.5' @ 6528.50ft (Cyclone 35)

+N/-S+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00 0.00	2147476.70	2811855.82	36.9011240	-107.5297480	9H

PLAN DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	Vsect	Annotation
0.00	0.00	0.000	0.00	0.00	0.00	0.00	0.00	
400.00	0.00	0.000	400.00	0.00	0.00	0.00	0.00	Start Build 2.00
1618.17	24.36	199.350	1581.79	-240.71	-84.53	2.00	-21.40	Start 5334.11 hold at 1618.17 MD
6952.28	24.36	199.350	6440.89	-2316.85	-813.62	0.00	-205.94	Start DLS 10.00 TFO -108.01
7930.01	89.82	89.784	7041.00	-2569.89	-246.89	10.00	406.17	Start 10010.41 hold at 7930.01 MD
17940.42	89.82	89.784	7073.00	-2532.10	9763.40	0.00	10086.40	TD at 17940.42

Plan: Plan #4 (NEBU 604 9H/OH)

Created By: Janie Collins Date: 12:10, March 03 2026

Azimuths to Grid North
True North: -0.18°
Magnetic North: 8.18°

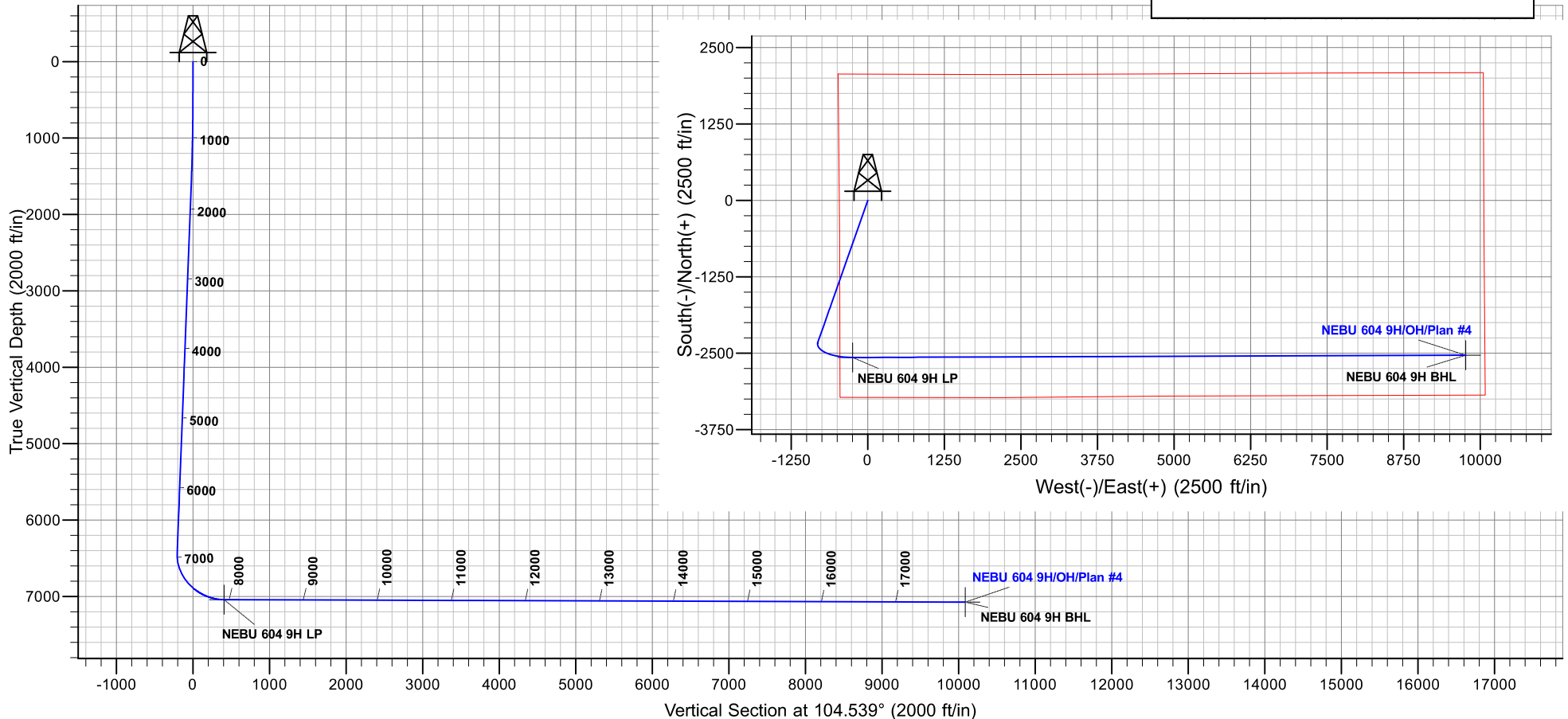
Magnetic Field
Strength: 49091.8nT
Dip Angle: 63.17°
Date: 4/1/2026
Model: HDGM2026

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
NEBU 604 9H LP	7041.00	-2569.89	-246.89	2144906.82	2811608.94	36.8940673	-107.5306202
NEBU 604 9H BHL	7073.00	-2532.10	9763.40	2144944.61	2821619.20	36.8940790	-107.4963870

CASING DETAILS

No casing data is available





Mach Natural Resources

San Juan County, NM NAD83

NEBU 604 Pad

NEBU 604 9H - Slot 9H

OH

Plan: Plan #4

Standard Planning Report

09 March, 2026



www.scientificdrilling.com





Scientific Drilling
Planning Report



Database:	Grand Junction	Local Co-ordinate Reference:	Well NEBU 604 9H - Slot 9H
Company:	Mach Natural Resources	TVD Reference:	GL 6501' & RKB 27.5' @ 6528.50ft (Cyclone 35)
Project:	San Juan County, NM NAD83	MD Reference:	GL 6501' & RKB 27.5' @ 6528.50ft (Cyclone 35)
Site:	NEBU 604 Pad	North Reference:	Grid
Well:	NEBU 604 9H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #4		

Project	San Juan County, NM NAD83		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Western Zone		

Site	NEBU 604 Pad				
Site Position:		Northing:	2,147,677.25 usft	Latitude:	36.9016743
From:	Lat/Long	Easting:	2,811,918.26 usft	Longitude:	-107.5295323
Position Uncertainty:	0.00 ft	Slot Radius:	13.20 in	Grid Convergence:	0.18 °

Well	NEBU 604 9H - Slot 9H					
Well Position	+N/-S	-200.55 ft	Northing:	2,147,476.70 usft	Latitude:	36.9011240
	+E/-W	-62.43 ft	Easting:	2,811,855.83 usft	Longitude:	-107.5297480
Position Uncertainty		0.00 ft	Wellhead Elevation:		Ground Level:	6,501.00 ft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM2026	4/1/2026	8.37	63.17	49,091.80000000

Design	Plan #4			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.00	0.00	0.00	104.539

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.00	0.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
400.00	0.00	0.000	400.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,618.17	24.36	199.350	1,581.79	-240.71	-84.53	2.00	2.00	0.00	199.35	
6,952.28	24.36	199.350	6,440.89	-2,316.85	-813.62	0.00	0.00	0.00	0.00	
7,930.01	89.82	89.784	7,041.00	-2,569.89	-246.89	10.00	6.69	-11.21	-108.01	NEBU 604 9H LP
17,940.42	89.82	89.784	7,073.00	-2,532.10	9,763.40	0.00	0.00	0.00	0.00	NEBU 604 9H BHL



Scientific Drilling
Planning Report



Database:	Grand Junction	Local Co-ordinate Reference:	Well NEBU 604 9H - Slot 9H
Company:	Mach Natural Resources	TVD Reference:	GL 6501' & RKB 27.5' @ 6528.50ft (Cyclone 35)
Project:	San Juan County, NM NAD83	MD Reference:	GL 6501' & RKB 27.5' @ 6528.50ft (Cyclone 35)
Site:	NEBU 604 Pad	North Reference:	Grid
Well:	NEBU 604 9H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #4		

Planned Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
0.00	0.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.000	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.000	200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.000	300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.000	400.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	2.00	199.350	499.98	-1.65	-0.58	-0.15	2.00	2.00	2.00	0.00
600.00	4.00	199.350	599.84	-6.58	-2.31	-0.59	2.00	2.00	2.00	0.00
700.00	6.00	199.350	699.45	-14.81	-5.20	-1.32	2.00	2.00	2.00	0.00
800.00	8.00	199.350	798.70	-26.30	-9.24	-2.34	2.00	2.00	2.00	0.00
900.00	10.00	199.350	897.47	-41.06	-14.42	-3.65	2.00	2.00	2.00	0.00
1,000.00	12.00	199.350	995.62	-59.07	-20.74	-5.25	2.00	2.00	2.00	0.00
1,100.00	14.00	199.350	1,093.06	-80.29	-28.20	-7.14	2.00	2.00	2.00	0.00
1,200.00	16.00	199.350	1,189.64	-104.71	-36.77	-9.31	2.00	2.00	2.00	0.00
1,300.00	18.00	199.350	1,285.27	-132.29	-46.46	-11.76	2.00	2.00	2.00	0.00
1,400.00	20.00	199.350	1,379.82	-163.01	-57.24	-14.49	2.00	2.00	2.00	0.00
1,500.00	22.00	199.350	1,473.17	-196.82	-69.12	-17.50	2.00	2.00	2.00	0.00
1,600.00	24.00	199.350	1,565.21	-233.68	-82.06	-20.77	2.00	2.00	2.00	0.00
1,618.17	24.36	199.350	1,581.79	-240.71	-84.53	-21.40	2.00	2.00	2.00	0.00
1,700.00	24.36	199.350	1,656.33	-272.56	-95.72	-24.23	0.00	0.00	0.00	0.00
1,800.00	24.36	199.350	1,747.43	-311.48	-109.38	-27.69	0.00	0.00	0.00	0.00
1,900.00	24.36	199.350	1,838.52	-350.40	-123.05	-31.15	0.00	0.00	0.00	0.00
2,000.00	24.36	199.350	1,929.62	-389.32	-136.72	-34.61	0.00	0.00	0.00	0.00
2,100.00	24.36	199.350	2,020.71	-428.24	-150.39	-38.07	0.00	0.00	0.00	0.00
2,200.00	24.36	199.350	2,111.81	-467.17	-164.06	-41.53	0.00	0.00	0.00	0.00
2,300.00	24.36	199.350	2,202.90	-506.09	-177.73	-44.99	0.00	0.00	0.00	0.00
2,400.00	24.36	199.350	2,294.00	-545.01	-191.39	-48.45	0.00	0.00	0.00	0.00
2,500.00	24.36	199.350	2,385.09	-583.93	-205.06	-51.91	0.00	0.00	0.00	0.00
2,600.00	24.36	199.350	2,476.19	-622.85	-218.73	-55.37	0.00	0.00	0.00	0.00
2,700.00	24.36	199.350	2,567.28	-661.78	-232.40	-58.83	0.00	0.00	0.00	0.00
2,800.00	24.36	199.350	2,658.37	-700.70	-246.07	-62.28	0.00	0.00	0.00	0.00
2,900.00	24.36	199.350	2,749.47	-739.62	-259.74	-65.74	0.00	0.00	0.00	0.00
3,000.00	24.36	199.350	2,840.56	-778.54	-273.41	-69.20	0.00	0.00	0.00	0.00
3,100.00	24.36	199.350	2,931.66	-817.46	-287.07	-72.66	0.00	0.00	0.00	0.00
3,200.00	24.36	199.350	3,022.75	-856.39	-300.74	-76.12	0.00	0.00	0.00	0.00
3,300.00	24.36	199.350	3,113.85	-895.31	-314.41	-79.58	0.00	0.00	0.00	0.00
3,400.00	24.36	199.350	3,204.94	-934.23	-328.08	-83.04	0.00	0.00	0.00	0.00
3,500.00	24.36	199.350	3,296.04	-973.15	-341.75	-86.50	0.00	0.00	0.00	0.00
3,600.00	24.36	199.350	3,387.13	-1,012.07	-355.42	-89.96	0.00	0.00	0.00	0.00
3,700.00	24.36	199.350	3,478.23	-1,051.00	-369.09	-93.42	0.00	0.00	0.00	0.00
3,800.00	24.36	199.350	3,569.32	-1,089.92	-382.75	-96.88	0.00	0.00	0.00	0.00
3,900.00	24.36	199.350	3,660.42	-1,128.84	-396.42	-100.34	0.00	0.00	0.00	0.00
4,000.00	24.36	199.350	3,751.51	-1,167.76	-410.09	-103.80	0.00	0.00	0.00	0.00
4,100.00	24.36	199.350	3,842.61	-1,206.68	-423.76	-107.26	0.00	0.00	0.00	0.00
4,200.00	24.36	199.350	3,933.70	-1,245.61	-437.43	-110.72	0.00	0.00	0.00	0.00
4,300.00	24.36	199.350	4,024.80	-1,284.53	-451.10	-114.18	0.00	0.00	0.00	0.00
4,400.00	24.36	199.350	4,115.89	-1,323.45	-464.76	-117.64	0.00	0.00	0.00	0.00
4,500.00	24.36	199.350	4,206.98	-1,362.37	-478.43	-121.10	0.00	0.00	0.00	0.00
4,600.00	24.36	199.350	4,298.08	-1,401.30	-492.10	-124.56	0.00	0.00	0.00	0.00
4,700.00	24.36	199.350	4,389.17	-1,440.22	-505.77	-128.02	0.00	0.00	0.00	0.00
4,800.00	24.36	199.350	4,480.27	-1,479.14	-519.44	-131.48	0.00	0.00	0.00	0.00
4,900.00	24.36	199.350	4,571.36	-1,518.06	-533.11	-134.94	0.00	0.00	0.00	0.00
5,000.00	24.36	199.350	4,662.46	-1,556.98	-546.78	-138.40	0.00	0.00	0.00	0.00



Scientific Drilling
Planning Report



Database:	Grand Junction	Local Co-ordinate Reference:	Well NEBU 604 9H - Slot 9H
Company:	Mach Natural Resources	TVD Reference:	GL 6501' & RKB 27.5' @ 6528.50ft (Cyclone 35)
Project:	San Juan County, NM NAD83	MD Reference:	GL 6501' & RKB 27.5' @ 6528.50ft (Cyclone 35)
Site:	NEBU 604 Pad	North Reference:	Grid
Well:	NEBU 604 9H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #4		

Planned Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
5,100.00	24.36	199.350	4,753.55	-1,595.91	-560.44	-141.86	0.00	0.00	0.00	
5,200.00	24.36	199.350	4,844.65	-1,634.83	-574.11	-145.32	0.00	0.00	0.00	
5,300.00	24.36	199.350	4,935.74	-1,673.75	-587.78	-148.78	0.00	0.00	0.00	
5,400.00	24.36	199.350	5,026.84	-1,712.67	-601.45	-152.24	0.00	0.00	0.00	
5,500.00	24.36	199.350	5,117.93	-1,751.59	-615.12	-155.70	0.00	0.00	0.00	
5,600.00	24.36	199.350	5,209.03	-1,790.52	-628.79	-159.16	0.00	0.00	0.00	
5,700.00	24.36	199.350	5,300.12	-1,829.44	-642.46	-162.62	0.00	0.00	0.00	
5,800.00	24.36	199.350	5,391.22	-1,868.36	-656.12	-166.08	0.00	0.00	0.00	
5,900.00	24.36	199.350	5,482.31	-1,907.28	-669.79	-169.54	0.00	0.00	0.00	
6,000.00	24.36	199.350	5,573.41	-1,946.20	-683.46	-173.00	0.00	0.00	0.00	
6,100.00	24.36	199.350	5,664.50	-1,985.13	-697.13	-176.46	0.00	0.00	0.00	
6,200.00	24.36	199.350	5,755.60	-2,024.05	-710.80	-179.92	0.00	0.00	0.00	
6,300.00	24.36	199.350	5,846.69	-2,062.97	-724.47	-183.38	0.00	0.00	0.00	
6,400.00	24.36	199.350	5,937.78	-2,101.89	-738.14	-186.84	0.00	0.00	0.00	
6,500.00	24.36	199.350	6,028.88	-2,140.81	-751.80	-190.30	0.00	0.00	0.00	
6,600.00	24.36	199.350	6,119.97	-2,179.74	-765.47	-193.76	0.00	0.00	0.00	
6,700.00	24.36	199.350	6,211.07	-2,218.66	-779.14	-197.22	0.00	0.00	0.00	
6,800.00	24.36	199.350	6,302.16	-2,257.58	-792.81	-200.68	0.00	0.00	0.00	
6,900.00	24.36	199.350	6,393.26	-2,296.50	-806.48	-204.14	0.00	0.00	0.00	
6,952.28	24.36	199.350	6,440.89	-2,316.85	-813.62	-205.94	0.00	0.00	0.00	
7,000.00	23.31	187.816	6,484.56	-2,335.50	-818.17	-205.66	10.00	-2.22	-24.17	
7,100.00	24.03	162.799	6,576.38	-2,374.65	-814.83	-192.61	10.00	0.72	-25.02	
7,200.00	28.29	142.124	6,666.30	-2,412.89	-794.21	-163.04	10.00	4.26	-20.68	
7,300.00	34.81	127.540	6,751.60	-2,449.08	-756.94	-117.88	10.00	6.52	-14.58	
7,400.00	42.56	117.378	6,829.68	-2,482.11	-704.14	-58.48	10.00	7.75	-10.16	
7,500.00	50.97	109.929	6,898.16	-2,510.97	-637.42	13.35	10.00	8.41	-7.45	
7,600.00	59.76	104.104	6,954.97	-2,534.80	-558.81	95.42	10.00	8.78	-5.83	
7,700.00	68.75	99.250	6,998.38	-2,552.86	-470.70	185.25	10.00	9.00	-4.85	
7,800.00	77.87	94.963	7,027.08	-2,564.61	-375.76	280.10	10.00	9.12	-4.29	
7,900.00	87.06	90.962	7,040.18	-2,569.69	-276.88	377.08	10.00	9.18	-4.00	
7,930.01	89.82	89.784	7,041.00	-2,569.89	-246.89	406.17	10.00	9.20	-3.93	
8,000.00	89.82	89.784	7,041.22	-2,569.62	-176.90	473.85	0.00	0.00	0.00	
8,100.00	89.82	89.784	7,041.54	-2,569.25	-76.90	570.55	0.00	0.00	0.00	
8,200.00	89.82	89.784	7,041.86	-2,568.87	23.10	667.25	0.00	0.00	0.00	
8,300.00	89.82	89.784	7,042.18	-2,568.49	123.10	763.95	0.00	0.00	0.00	
8,400.00	89.82	89.784	7,042.50	-2,568.11	223.10	860.66	0.00	0.00	0.00	
8,500.00	89.82	89.784	7,042.82	-2,567.74	323.10	957.36	0.00	0.00	0.00	
8,600.00	89.82	89.784	7,043.14	-2,567.36	423.10	1,054.06	0.00	0.00	0.00	
8,700.00	89.82	89.784	7,043.46	-2,566.98	523.09	1,150.76	0.00	0.00	0.00	
8,800.00	89.82	89.784	7,043.78	-2,566.60	623.09	1,247.46	0.00	0.00	0.00	
8,900.00	89.82	89.784	7,044.10	-2,566.23	723.09	1,344.16	0.00	0.00	0.00	
9,000.00	89.82	89.784	7,044.42	-2,565.85	823.09	1,440.87	0.00	0.00	0.00	
9,100.00	89.82	89.784	7,044.74	-2,565.47	923.09	1,537.57	0.00	0.00	0.00	
9,200.00	89.82	89.784	7,045.06	-2,565.09	1,023.09	1,634.27	0.00	0.00	0.00	
9,300.00	89.82	89.784	7,045.38	-2,564.72	1,123.09	1,730.97	0.00	0.00	0.00	
9,400.00	89.82	89.784	7,045.70	-2,564.34	1,223.09	1,827.67	0.00	0.00	0.00	
9,500.00	89.82	89.784	7,046.02	-2,563.96	1,323.08	1,924.37	0.00	0.00	0.00	
9,600.00	89.82	89.784	7,046.34	-2,563.58	1,423.08	2,021.08	0.00	0.00	0.00	
9,700.00	89.82	89.784	7,046.66	-2,563.21	1,523.08	2,117.78	0.00	0.00	0.00	
9,800.00	89.82	89.784	7,046.98	-2,562.83	1,623.08	2,214.48	0.00	0.00	0.00	
9,900.00	89.82	89.784	7,047.30	-2,562.45	1,723.08	2,311.18	0.00	0.00	0.00	
10,000.00	89.82	89.784	7,047.62	-2,562.07	1,823.08	2,407.88	0.00	0.00	0.00	



Scientific Drilling
Planning Report



Database:	Grand Junction	Local Co-ordinate Reference:	Well NEBU 604 9H - Slot 9H
Company:	Mach Natural Resources	TVD Reference:	GL 6501' & RKB 27.5' @ 6528.50ft (Cyclone 35)
Project:	San Juan County, NM NAD83	MD Reference:	GL 6501' & RKB 27.5' @ 6528.50ft (Cyclone 35)
Site:	NEBU 604 Pad	North Reference:	Grid
Well:	NEBU 604 9H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #4		

Planned Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
10,100.00	89.82	89.784	7,047.94	-2,561.70	1,923.08	2,504.58	0.00	0.00	0.00	
10,200.00	89.82	89.784	7,048.26	-2,561.32	2,023.08	2,601.29	0.00	0.00	0.00	
10,300.00	89.82	89.784	7,048.58	-2,560.94	2,123.08	2,697.99	0.00	0.00	0.00	
10,400.00	89.82	89.784	7,048.90	-2,560.56	2,223.07	2,794.69	0.00	0.00	0.00	
10,500.00	89.82	89.784	7,049.22	-2,560.19	2,323.07	2,891.39	0.00	0.00	0.00	
10,600.00	89.82	89.784	7,049.54	-2,559.81	2,423.07	2,988.09	0.00	0.00	0.00	
10,700.00	89.82	89.784	7,049.85	-2,559.43	2,523.07	3,084.79	0.00	0.00	0.00	
10,800.00	89.82	89.784	7,050.17	-2,559.05	2,623.07	3,181.50	0.00	0.00	0.00	
10,900.00	89.82	89.784	7,050.49	-2,558.68	2,723.07	3,278.20	0.00	0.00	0.00	
11,000.00	89.82	89.784	7,050.81	-2,558.30	2,823.07	3,374.90	0.00	0.00	0.00	
11,100.00	89.82	89.784	7,051.13	-2,557.92	2,923.07	3,471.60	0.00	0.00	0.00	
11,200.00	89.82	89.784	7,051.45	-2,557.54	3,023.06	3,568.30	0.00	0.00	0.00	
11,300.00	89.82	89.784	7,051.77	-2,557.17	3,123.06	3,665.00	0.00	0.00	0.00	
11,400.00	89.82	89.784	7,052.09	-2,556.79	3,223.06	3,761.71	0.00	0.00	0.00	
11,500.00	89.82	89.784	7,052.41	-2,556.41	3,323.06	3,858.41	0.00	0.00	0.00	
11,600.00	89.82	89.784	7,052.73	-2,556.03	3,423.06	3,955.11	0.00	0.00	0.00	
11,700.00	89.82	89.784	7,053.05	-2,555.66	3,523.06	4,051.81	0.00	0.00	0.00	
11,800.00	89.82	89.784	7,053.37	-2,555.28	3,623.06	4,148.51	0.00	0.00	0.00	
11,900.00	89.82	89.784	7,053.69	-2,554.90	3,723.06	4,245.22	0.00	0.00	0.00	
12,000.00	89.82	89.784	7,054.01	-2,554.52	3,823.05	4,341.92	0.00	0.00	0.00	
12,100.00	89.82	89.784	7,054.33	-2,554.15	3,923.05	4,438.62	0.00	0.00	0.00	
12,200.00	89.82	89.784	7,054.65	-2,553.77	4,023.05	4,535.32	0.00	0.00	0.00	
12,300.00	89.82	89.784	7,054.97	-2,553.39	4,123.05	4,632.02	0.00	0.00	0.00	
12,400.00	89.82	89.784	7,055.29	-2,553.01	4,223.05	4,728.72	0.00	0.00	0.00	
12,500.00	89.82	89.784	7,055.61	-2,552.64	4,323.05	4,825.43	0.00	0.00	0.00	
12,600.00	89.82	89.784	7,055.93	-2,552.26	4,423.05	4,922.13	0.00	0.00	0.00	
12,700.00	89.82	89.784	7,056.25	-2,551.88	4,523.05	5,018.83	0.00	0.00	0.00	
12,800.00	89.82	89.784	7,056.57	-2,551.50	4,623.04	5,115.53	0.00	0.00	0.00	
12,900.00	89.82	89.784	7,056.89	-2,551.13	4,723.04	5,212.23	0.00	0.00	0.00	
13,000.00	89.82	89.784	7,057.21	-2,550.75	4,823.04	5,308.93	0.00	0.00	0.00	
13,100.00	89.82	89.784	7,057.53	-2,550.37	4,923.04	5,405.64	0.00	0.00	0.00	
13,200.00	89.82	89.784	7,057.85	-2,549.99	5,023.04	5,502.34	0.00	0.00	0.00	
13,300.00	89.82	89.784	7,058.17	-2,549.62	5,123.04	5,599.04	0.00	0.00	0.00	
13,400.00	89.82	89.784	7,058.49	-2,549.24	5,223.04	5,695.74	0.00	0.00	0.00	
13,500.00	89.82	89.784	7,058.81	-2,548.86	5,323.04	5,792.44	0.00	0.00	0.00	
13,600.00	89.82	89.784	7,059.13	-2,548.48	5,423.03	5,889.14	0.00	0.00	0.00	
13,700.00	89.82	89.784	7,059.44	-2,548.11	5,523.03	5,985.85	0.00	0.00	0.00	
13,800.00	89.82	89.784	7,059.76	-2,547.73	5,623.03	6,082.55	0.00	0.00	0.00	
13,900.00	89.82	89.784	7,060.08	-2,547.35	5,723.03	6,179.25	0.00	0.00	0.00	
14,000.00	89.82	89.784	7,060.40	-2,546.97	5,823.03	6,275.95	0.00	0.00	0.00	
14,100.00	89.82	89.784	7,060.72	-2,546.60	5,923.03	6,372.65	0.00	0.00	0.00	
14,200.00	89.82	89.784	7,061.04	-2,546.22	6,023.03	6,469.35	0.00	0.00	0.00	
14,300.00	89.82	89.784	7,061.36	-2,545.84	6,123.03	6,566.06	0.00	0.00	0.00	
14,400.00	89.82	89.784	7,061.68	-2,545.46	6,223.03	6,662.76	0.00	0.00	0.00	
14,500.00	89.82	89.784	7,062.00	-2,545.09	6,323.02	6,759.46	0.00	0.00	0.00	
14,600.00	89.82	89.784	7,062.32	-2,544.71	6,423.02	6,856.16	0.00	0.00	0.00	
14,700.00	89.82	89.784	7,062.64	-2,544.33	6,523.02	6,952.86	0.00	0.00	0.00	
14,800.00	89.82	89.784	7,062.96	-2,543.95	6,623.02	7,049.56	0.00	0.00	0.00	
14,900.00	89.82	89.784	7,063.28	-2,543.58	6,723.02	7,146.27	0.00	0.00	0.00	
15,000.00	89.82	89.784	7,063.60	-2,543.20	6,823.02	7,242.97	0.00	0.00	0.00	
15,100.00	89.82	89.784	7,063.92	-2,542.82	6,923.02	7,339.67	0.00	0.00	0.00	
15,200.00	89.82	89.784	7,064.24	-2,542.44	7,023.02	7,436.37	0.00	0.00	0.00	



Scientific Drilling
Planning Report



Database:	Grand Junction	Local Co-ordinate Reference:	Well NEBU 604 9H - Slot 9H
Company:	Mach Natural Resources	TVD Reference:	GL 6501' & RKB 27.5' @ 6528.50ft (Cyclone 35)
Project:	San Juan County, NM NAD83	MD Reference:	GL 6501' & RKB 27.5' @ 6528.50ft (Cyclone 35)
Site:	NEBU 604 Pad	North Reference:	Grid
Well:	NEBU 604 9H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #4		

Planned Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
15,300.00	89.82	89.784	7,064.56	-2,542.07	7,123.01	7,533.07	0.00	0.00	0.00	
15,400.00	89.82	89.784	7,064.88	-2,541.69	7,223.01	7,629.77	0.00	0.00	0.00	
15,500.00	89.82	89.784	7,065.20	-2,541.31	7,323.01	7,726.48	0.00	0.00	0.00	
15,600.00	89.82	89.784	7,065.52	-2,540.93	7,423.01	7,823.18	0.00	0.00	0.00	
15,700.00	89.82	89.784	7,065.84	-2,540.56	7,523.01	7,919.88	0.00	0.00	0.00	
15,800.00	89.82	89.784	7,066.16	-2,540.18	7,623.01	8,016.58	0.00	0.00	0.00	
15,900.00	89.82	89.784	7,066.48	-2,539.80	7,723.01	8,113.28	0.00	0.00	0.00	
16,000.00	89.82	89.784	7,066.80	-2,539.42	7,823.01	8,209.98	0.00	0.00	0.00	
16,100.00	89.82	89.784	7,067.12	-2,539.05	7,923.00	8,306.69	0.00	0.00	0.00	
16,200.00	89.82	89.784	7,067.44	-2,538.67	8,023.00	8,403.39	0.00	0.00	0.00	
16,300.00	89.82	89.784	7,067.76	-2,538.29	8,123.00	8,500.09	0.00	0.00	0.00	
16,400.00	89.82	89.784	7,068.08	-2,537.91	8,223.00	8,596.79	0.00	0.00	0.00	
16,500.00	89.82	89.784	7,068.40	-2,537.54	8,323.00	8,693.49	0.00	0.00	0.00	
16,600.00	89.82	89.784	7,068.72	-2,537.16	8,423.00	8,790.19	0.00	0.00	0.00	
16,700.00	89.82	89.784	7,069.03	-2,536.78	8,523.00	8,886.90	0.00	0.00	0.00	
16,800.00	89.82	89.784	7,069.35	-2,536.40	8,623.00	8,983.60	0.00	0.00	0.00	
16,900.00	89.82	89.784	7,069.67	-2,536.03	8,722.99	9,080.30	0.00	0.00	0.00	
17,000.00	89.82	89.784	7,069.99	-2,535.65	8,822.99	9,177.00	0.00	0.00	0.00	
17,100.00	89.82	89.784	7,070.31	-2,535.27	8,922.99	9,273.70	0.00	0.00	0.00	
17,200.00	89.82	89.784	7,070.63	-2,534.89	9,022.99	9,370.41	0.00	0.00	0.00	
17,300.00	89.82	89.784	7,070.95	-2,534.52	9,122.99	9,467.11	0.00	0.00	0.00	
17,400.00	89.82	89.784	7,071.27	-2,534.14	9,222.99	9,563.81	0.00	0.00	0.00	
17,500.00	89.82	89.784	7,071.59	-2,533.76	9,322.99	9,660.51	0.00	0.00	0.00	
17,600.00	89.82	89.784	7,071.91	-2,533.38	9,422.99	9,757.21	0.00	0.00	0.00	
17,700.00	89.82	89.784	7,072.23	-2,533.01	9,522.98	9,853.91	0.00	0.00	0.00	
17,800.00	89.82	89.784	7,072.55	-2,532.63	9,622.98	9,950.62	0.00	0.00	0.00	
17,900.00	89.82	89.784	7,072.87	-2,532.25	9,722.98	10,047.32	0.00	0.00	0.00	
17,940.42	89.82	89.784	7,073.00	-2,532.10	9,763.40	10,086.40	0.00	0.00	0.00	

Design Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (usft)	Easting (usft)	Latitude	Longitude	
NEBU 604 9H LP - hit/miss target - Shape - plan hits target center - Point	0.00	0.000	7,041.00	-2,569.89	-246.89	2,144,906.82	2,811,608.94	36.8940673	-107.5306203	
NEBU 604 9H BHL - plan hits target center - Point	0.00	0.000	7,073.00	-2,532.10	9,763.40	2,144,944.61	2,821,619.21	36.8940790	-107.4963870	



Database:	Grand Junction	Local Co-ordinate Reference:	Well NEBU 604 9H - Slot 9H
Company:	Mach Natural Resources	TVD Reference:	GL 6501' & RKB 27.5' @ 6528.50ft (Cyclone 35)
Project:	San Juan County, NM NAD83	MD Reference:	GL 6501' & RKB 27.5' @ 6528.50ft (Cyclone 35)
Site:	NEBU 604 Pad	North Reference:	Grid
Well:	NEBU 604 9H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #4		

Formations					
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
28.50	28.50	Animas		0.00	0.000
2,504.84	2,389.50	Ojo Alamo		0.00	0.000
2,635.47	2,508.50	Kirtland		0.00	0.000
3,176.67	3,001.50	Fruitland		0.00	0.000
3,544.42	3,336.50	Pictured Cliffs		0.00	0.000
3,807.88	3,576.50	Lewis		0.00	0.000
5,473.18	5,093.50	Cliffhouse		0.00	0.000
5,851.91	5,438.50	Menefee		0.00	0.000
6,194.41	5,750.50	Point Lookout		0.00	0.000
6,658.76	6,173.50	Mancos		0.00	0.000

Plan Annotations					
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment	
		+N/-S (ft)	+E/-W (ft)		
400.00	400.00	0.00	0.00	Start Build 2.00	
1,618.17	1,581.79	-240.71	-84.53	Start 5334.11 hold at 1618.17 MD	
6,952.28	6,440.89	-2,316.85	-813.62	Start DLS 10.00 TFO -108.01	
7,930.01	7,041.00	-2,569.89	-246.89	Start 10010.41 hold at 7930.01 MD	
17,940.42	7,073.00	-2,532.10	9,763.40	TD at 17940.42	

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

CONDITIONS

Action 561930

CONDITIONS

Operator: SIMCOE LLC 1199 Main Ave., Suite 101 Durango, CO 81301	OGRID: 329736
	Action Number: 561930
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
matthew.gomez	No additives containing PFAS chemicals will be added to the drilling fluids or completion fluids used during drilling, completions, or recompletions operations.	3/17/2026
matthew.gomez	If cement does not circulate to surface on any string, a Cement Bond Log (CBL) is required for that string of casing. If strata isolation is not achieved, remediation will be required before further operations may commence.	3/17/2026
matthew.gomez	All conducted logs must be submitted to the OCD.	3/17/2026
matthew.gomez	Cement must be in place for at least eight hours AND achieve a minimum compressive strength of 500 PSI before performing any further operations on the well.	3/17/2026
matthew.gomez	Prior to production of this well a change to the well name/number is required to comply with the OCD well naming convention.	3/17/2026
matthew.gomez	All previous COA's still apply.	3/17/2026