

Office
 District I – (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88240
 District II – (575) 748-1283
 811 S. First St., Artesia, NM 88210
 District III – (505) 334-6178
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV – (505) 476-3460
 1220 S. St. Francis Dr., Santa Fe, NM
 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 Revised July 18, 2013

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

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-045-38406
1. Type of Well: Oil Well ☐ Gas Well ☒ Other		5. Indicate Type of Lease STATE ☐ FEE ☒
2. Name of Operator Hilcorp Energy Company		6. State Oil & Gas Lease No.
3. Address of Operator 382 Road 3100, Aztec, NM 87410		7. Lease Name or Unit Agreement Name Calloway
4. Well Location Unit Letter <u>H</u> : <u>2470</u> feet from the <u>North</u> line and <u>948</u> feet from the <u>East</u> line Section <u>34</u> Township <u>031N</u> Range <u>011W</u> NMPM County <u>SAN JUAN</u>		8. Well Number <u>2M</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5659' GL		9. OGRID Number 372171
		10. Pool name or Wildcat Blanco Mesaverde / Basin Dakota

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☒	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
CLOSED-LOOP SYSTEM ☐			
OTHER: ☒ SIDETRACK		OTHER: ☐	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Hilcorp Energy requests permission to sidetrack the wellbore due to 4 1/2" casing has become stuck and is packed off. Unable to circulate or inject into formation below stuck point. Please see the attached Sidetrack Drilling and revised directional plans.

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Cherylene Weston TITLE Operations/Regulatory Tech-Sr. DATE 3/17/2025

Type or print name Cherylene Weston E-mail address: cweston@hilcorp.com PHONE: 713-289-2615

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any)



Sidetrack Plan

Revision #0

Well Name:

Calloway #2M ST01

Field: San Juan Basin**State:** New Mexico**County:** San Juan**API #:** 30-045-38406**Date:** March 17, 2025**Prepared By:** Richy Winningham



San Juan Basin
San Juan County, NM

Well: Calloway #2M ST01
API #: 30-045-38406

General Well Information	
Well Name	Calloway #2M ST01
API Well #	30-045-38406
Target Formation(s)	Mesa Verde / Dakota
Field	San Juan Basin
State	New Mexico
County	San Juan County
Township	031N
Range	011W
Asset Team	San Juan North

Well Construction Information	
SHL Latitude (NAD 27)	36.855745° N
SHL Longitude (NAD 27)	107.972065° W
Proposed TD (ft. MD)	7,157'
Proposed TD (ft. TVD)	6,908'
Proposed BHL Latitude (NAD 27)	36.853992° N
Proposed BHL Longitude (NAD 27)	107.975418° W
Well Geometry	Kick-off, Hold, Turn & Drop to vertical
Maximum Inclination	4°
Maximum Dog Leg Severity	2°/100'
Hole Sizes	6-1/8"



San Juan Basin
San Juan County, NM

Well: Calloway #2M ST01
API #: 30-045-38406

Current Well Status

- Previous casing (7") was set at 4,403' MD and was cemented with cement returns to surface.
- 6-1/8" hole was drilled to 7,137' MD.
- 4-1/2" casing has been run to 6,634' MD.
- Casing is stuck and packed-off. Unable to circulate or inject into formation below stuck point.
- Free-point tool has been run and shows free casing at 6,005' MD.
- Casing and wellbore are full of 9.3 ppg water base mud.

Sidetrack Procedure Overview

1. Cut 4-1/2" casing at 6,000' MD.
2. Pull 6,000' of 4-1/2" casing out of the hole (leaves top of fish at 6,000' MD).
3. Run in hole with 2-7/8" cement stinger on 4" drill pipe to 5,800'.
4. Pump balanced open hole cement plug from 5,800' to 5,000'.
 - a. Cement Density: 15.8 ppg
 - b. Cement Yield: 1.15 ft³/sack
 - c. Cement Volume: 168 ft³ / 146 sacks / 30 bbls
5. Pull cement stinger out of balanced plug to 4,900' and circulate drill string clean.
6. Pull drill string out of hole.
7. Wait on cement for 8 hours (500 psi compressive strength).
8. Dress-off cement from 5,000' to 5,200'.
9. Kick-off at 5,200', drill away from original wellbore to build separation.
10. Drop to vertical and target original planned bottom hole location.
11. TD well at ~7,157' MD / 6,908' TVD.
12. Circulate wellbore clean and pull out of hole with drilling BHA.
13. Run 4-1/2" casing to TD.
14. Cement production casing with top of cement at 3,903' MD (500' above 7" casing shoe).



Company: Hilcorp Energy - San Juan Basin
 Project: San Juan, NM NAD27
 Site: Calloway Pad
 Well: Calloway 2M
 Wellbore: ST1
 Design: Plan #1



Well Details: Calloway 2M

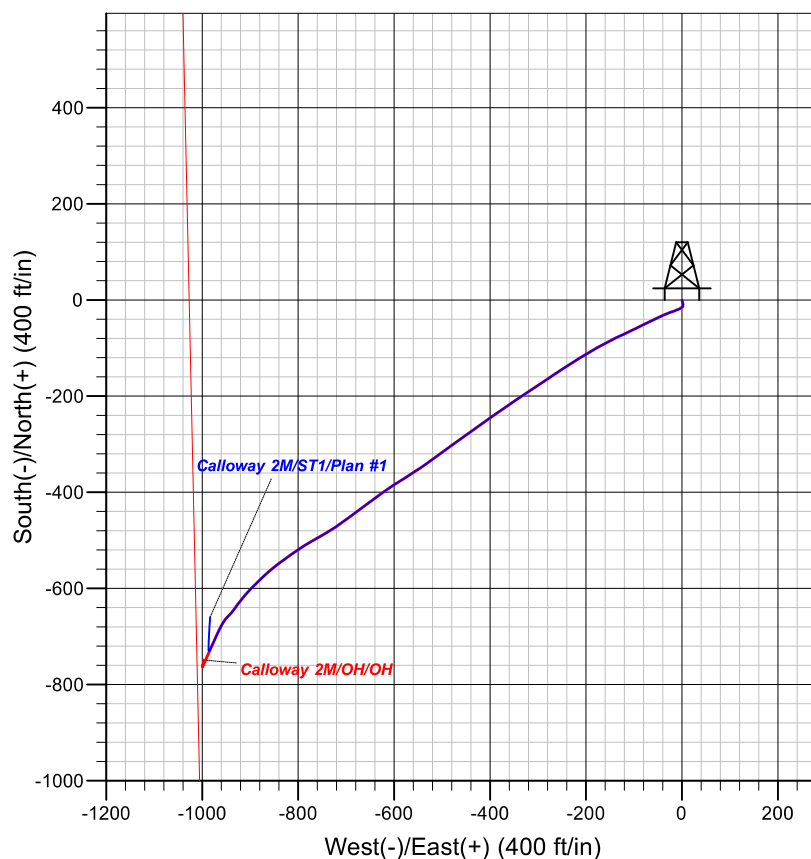
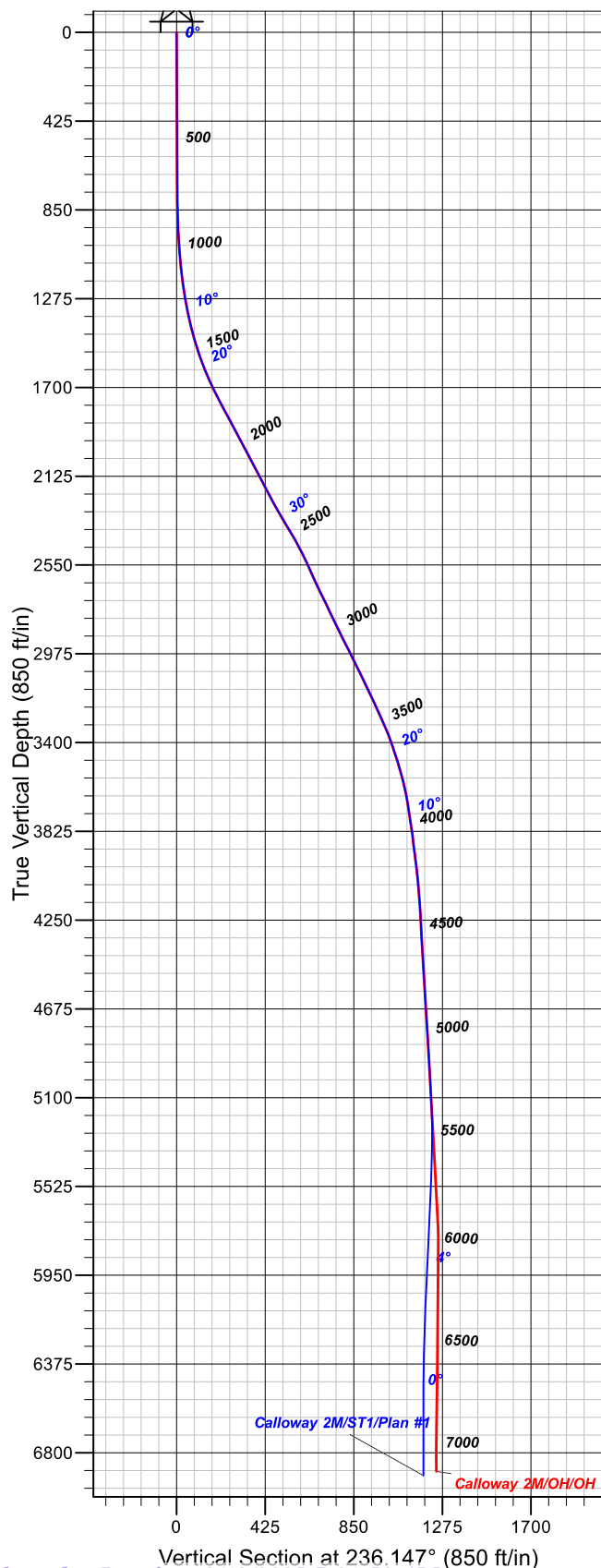
GL 5659' & RKB 17' @ 5676.00ft (Drake 3)

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	2130782.28	459411.83	36.855745	-107.972065	



Azimuths to True North
 Magnetic North: 8.42°

Magnetic Field
 Strength: 49131.4nT
 Dip Angle: 63.15°
 Date: 3/17/2025
 Model: HDGM2025



FORMATION TOP DETAILS

No formation data is available

Plan: Plan #1

12:27, March 17 2025
 Created By: Janie Collins

PROJECT DETAILS: San Juan, NM NAD27

Geodetic System: US State Plane 1927 (Exact solution)
 Datum: NAD 1927 (NADCON CONUS)
 Ellipsoid: Clarke 1866
 Zone: New Mexico West 3003

System Datum: Mean Sea Level

CASING DETAILS

No casing data is available

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect
5200.00	4.02	204.524	4953.64	-717.57	-978.81	0.00	0.00	1212.60
5300.00	4.02	204.524	5053.39	-723.95	-981.73	0.00	0.00	1218.58
5695.16	4.02	3.000	5448.20	-722.73	-986.77	2.00	169.22	1222.09
6495.16	4.02	3.000	6246.24	-666.73	-983.83	0.00	0.00	1188.45
6696.16	0.00	0.000	6447.07	-659.69	-983.46	2.00	180.00	1184.22
7157.16	0.00	0.000	6908.07	-659.69	-983.46	0.00	0.00	1184.22

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
Calloway 2M BHL	6908.00	-638.09	-980.91	2130145.61	458429.99	36.853992	-107.975418
- plan misses target center by 21.74ft at 7157.09ft MD (6908.00 TVD, -659.69 N, -983.46 E)							

Vertical Section at 236 147° (850 ft/in)



Hilcorp Energy - San Juan Basin

San Juan, NM NAD27

Calloway Pad

Calloway 2M

ST1

Plan: Plan #1

Standard Planning Report

17 March, 2025



www.scientificdrilling.com





Scientific Drilling Planning Report



Database:	Grand Junction	Local Co-ordinate Reference:	Well Calloway 2M
Company:	Hilcorp Energy - San Juan Basin	TVD Reference:	GL 5659' & RKB 17' @ 5676.00ft (Drake 3)
Project:	San Juan, NM NAD27	MD Reference:	GL 5659' & RKB 17' @ 5676.00ft (Drake 3)
Site:	Calloway Pad	North Reference:	True
Well:	Calloway 2M	Survey Calculation Method:	Minimum Curvature
Wellbore:	ST1		
Design:	Plan #1		

Project	San Juan, NM NAD27		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico West 3003		

Site	Calloway Pad				
Site Position:		Northing:	2,130,782.27 usft	Latitude:	36.855745
From:	Lat/Long	Easting:	459,411.83 usft	Longitude:	-107.972065
Position Uncertainty:	0.00 ft	Slot Radius:	13.20 in	Grid Convergence:	-0.08

Well	Calloway 2M					
Well Position	+N/-S	0.00 ft	Northing:	2,130,782.27 usft	Latitude:	36.855745
	+E/-W	0.00 ft	Easting:	459,411.83 usft	Longitude:	-107.972065
Position Uncertainty		0.00 ft	Wellhead Elevation:		Ground Level:	5,659.00 ft

Wellbore	ST1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM2025	3/17/2025	8.42	63.15	49,131.40000000

Design	Plan #1			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	5,200.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.00	0.00	0.00	236.147

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
5,200.00	4.02	204.524	4,953.64	-717.57	-978.81	0.00	0.00	0.00	0.00	
5,300.00	4.02	204.524	5,053.39	-723.95	-981.73	0.00	0.00	0.00	0.00	
5,695.16	4.02	3.000	5,448.20	-722.73	-986.77	2.00	0.00	40.10	169.22	
6,495.16	4.02	3.000	6,246.24	-666.73	-983.83	0.00	0.00	0.00	0.00	
6,696.16	0.00	0.000	6,447.07	-659.69	-983.46	2.00	-2.00	0.00	180.00	
7,157.16	0.00	0.000	6,908.07	-659.69	-983.46	0.00	0.00	0.00	0.00	



Scientific Drilling Planning Report



Database:	Grand Junction	Local Co-ordinate Reference:	Well Calloway 2M
Company:	Hilcorp Energy - San Juan Basin	TVD Reference:	GL 5659' & RKB 17' @ 5676.00ft (Drake 3)
Project:	San Juan, NM NAD27	MD Reference:	GL 5659' & RKB 17' @ 5676.00ft (Drake 3)
Site:	Calloway Pad	North Reference:	True
Well:	Calloway 2M	Survey Calculation Method:	Minimum Curvature
Wellbore:	ST1		
Design:	Plan #1		

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)
5,200.00	4.02	204.524	4,953.64	-717.57	-978.81	1,212.60	0.00	0.00	0.00
5,300.00	4.02	204.524	5,053.39	-723.95	-981.73	1,218.58	0.00	0.00	0.00
5,400.00	2.09	214.816	5,153.24	-728.64	-984.23	1,223.27	2.00	-1.93	10.29
5,500.00	0.75	287.259	5,253.22	-729.95	-985.90	1,225.39	2.00	-1.34	72.44
5,600.00	2.18	353.588	5,353.19	-727.86	-986.74	1,224.92	2.00	1.43	66.33
5,695.16	4.02	3.000	5,448.20	-722.73	-986.77	1,222.09	2.00	1.93	9.89
5,700.00	4.02	3.000	5,453.03	-722.40	-986.75	1,221.88	0.00	0.00	0.00
5,800.00	4.02	3.000	5,552.78	-715.40	-986.38	1,217.68	0.00	0.00	0.00
5,900.00	4.02	3.000	5,652.54	-708.39	-986.01	1,213.48	0.00	0.00	0.00
6,000.00	4.02	3.000	5,752.29	-701.39	-985.65	1,209.27	0.00	0.00	0.00
6,100.00	4.02	3.000	5,852.05	-694.39	-985.28	1,205.07	0.00	0.00	0.00
6,200.00	4.02	3.000	5,951.80	-687.39	-984.91	1,200.86	0.00	0.00	0.00
6,300.00	4.02	3.000	6,051.55	-680.39	-984.55	1,196.66	0.00	0.00	0.00
6,400.00	4.02	3.000	6,151.31	-673.39	-984.18	1,192.45	0.00	0.00	0.00
6,495.16	4.02	3.000	6,246.24	-666.73	-983.83	1,188.45	0.00	0.00	0.00
6,500.00	3.92	3.000	6,251.06	-666.39	-983.81	1,188.25	2.00	-2.00	0.00
6,600.00	1.92	3.000	6,350.93	-661.30	-983.55	1,185.19	2.00	-2.00	0.00
6,696.16	0.00	0.000	6,447.07	-659.69	-983.46	1,184.22	2.00	-2.00	0.00
6,700.00	0.00	0.000	6,450.91	-659.69	-983.46	1,184.22	0.00	0.00	0.00
6,800.00	0.00	0.000	6,550.91	-659.69	-983.46	1,184.22	0.00	0.00	0.00
6,900.00	0.00	0.000	6,650.91	-659.69	-983.46	1,184.22	0.00	0.00	0.00
7,000.00	0.00	0.000	6,750.91	-659.69	-983.46	1,184.22	0.00	0.00	0.00
7,100.00	0.00	0.000	6,850.91	-659.69	-983.46	1,184.22	0.00	0.00	0.00
7,157.16	0.00	0.000	6,908.07	-659.69	-983.46	1,184.22	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
- hit/miss target									
- Shape									
Calloway 2M BHL	0.00	0.000	6,908.00	-638.09	-980.91	2,130,145.61	458,429.99	36.853992	-107.975418
- plan misses target center by 21.74ft at 7157.09ft MD (6908.00 TVD, -659.69 N, -983.46 E)									
- Point									

Plan Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
5,200.00	4,953.64	-717.57	-978.81	Start 100.00 hold at 5200.00 MD
5,300.00	5,053.39	-723.95	-981.73	Start DLS 2.00 TFO 169.22
5,695.16	5,448.20	-722.73	-986.77	Start 800.00 hold at 5695.16 MD
6,495.16	6,246.24	-666.73	-983.83	Start Drop -2.00
6,696.16	6,447.07	-659.69	-983.46	Start 461.00 hold at 6696.16 MD
7,157.16	6,908.07	-659.69	-983.46	TD at 7157.16

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 443228

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 443228
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
ward.rikala	Any previous COA's not addressed within the updated COA's still apply.	3/19/2025