

Well Name: SAN JUAN 28-6 UNIT	Well Location: T28N / R6W / SEC 16 / NWSE / 36.658234 / -107.468842	County or Parish/State: RIO ARRIBA / NM
Well Number: 48A	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF079192	Unit or CA Name: SAN JUAN 28-6 UNIT--FR, SAN JUAN 28-6 UNIT--MV	Unit or CA Number: NMNM78412A, NMNM78412D
US Well Number: 3003921872	Operator: HILCORP ENERGY COMPANY	

Subsequent Report

Sundry ID: 2850539

Type of Submission: Subsequent Report

Type of Action: Workover Operations

Date Sundry Submitted: 05/01/2025

Time Sundry Submitted: 01:14

Date Operation Actually Began: 08/01/2024

Actual Procedure: The Mesaverde isolation plug was drilled out after DHC approval. The well is currently producing as a FRC/MV commingle. See attached reports.

SR Attachments

Actual Procedure

SJ_28_6_Unit_48A_Commingle_Sundry_20250501131354.pdf

Released to Imaging: 12/19/2025 11:25:57 AM

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US Well Number: 3003921872	Operator: HILCORP ENERGY COMPANY	

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: CHERYLENE WESTON

Signed on: MAY 01, 2025 01:14 PM

Name: HILCORP ENERGY COMPANY

Title: Operations/Regulatory Tech - Sr

Street Address: 1111 TRAVIS STREET

City: HOUSTON

State: TX

Phone: (713) 289-2615

Email address: CWESTON@HILCORP.COM

Field

Representative Name:

Street Address:

City:

Phone:

Zip:

BI M Point of Contact

BLM POC Name: KENNETH G RENNICK

BLM POC Title: Petroleum Engineer

BL M POC Phone: 5055647742

BLM POC Email Address: krennick@blm.gov

Disposition: Accepted

Disposition Date: 05/05/2025

Signature: Kenneth Pennick

Form 3160-5
(June 2019)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**SUNDRY NOTICES AND REPORTS ON WELLS*****Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.***FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2021

5. Lease Serial No. NMSF079192

6. If Indian, Allottee or Tribe Name

7. If Unit of CA/Agreement, Name and/or No.
SAN JUAN 28-6 UNIT-FR, SAN JUAN 28-6 UNIT-MV/NMNM78412A, NMNM784128. Well Name and No.
SAN JUAN 28-6 UNIT48A

9. API Well No. 3003921872

10. Field and Pool or Exploratory Area
BASIN/BLANCO MESAVERDE11. Country or Parish, State
RIO ARRIBA/NM**SUBMIT IN TRIPPLICATE - Other instructions on page 2**

1. Type of Well

 Oil Well Gas Well Other

2. Name of Operator HILCORP ENERGY COMPANY

3a. Address 1111 TRAVIS STREET, HOUSTON, TX 77002

3b. Phone No. (include area code)
(713) 209-2400

4. Location of Well (Footage, Sec., T.R.M., or Survey Description)

SEC 16/T28N/R6W/NMP

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION					
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off		
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity		<input checked="" type="checkbox"/> Other
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Temporarily Abandon		
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal		
	<input type="checkbox"/> Convert to Injection					

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

The Mesaverde isolation plug was drilled out after DHC approval. The well is currently producing as a FRC/MV commingle. See attached reports.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) CHERYLENE WESTON / Ph: (713) 289-2615	Operations/Regulatory Tech - Sr Title
Signature (Electronic Submission)	Date 05/01/2025

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

KENNETH G RENNICK / Ph: (505) 564-7742 / Accepted

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Petroleum Engineer
Title05/05/2025
Date

Office FARMINGTON

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.

(Instructions on page 2)



Well Operations Summary L48

Well Name: SAN JUAN 28-6 UNIT #48A

API: 3003921872

Field: BLANCO MESAVERDE (PRORATED GAS) State: NEW MEXICO

Permit to Drill (PTD) #:

Sundry #:

Rig/Service: BHE 38

Jobs

Actual Start Date: 7/3/2024

End Date: 8/30/2024

Report Number 13	Report Start Date 8/26/2024	Report End Date 8/26/2024
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Operation

CREW TRVL T/SAN JUAN 27-4 UNIT #49.

PJSM W/AOL F/RIG MOVE.

MOB RIG & EQUIP T/SAN JUAN 28-6 UNIT # 48A (18 MILE MOVE).

MIRU RIG & EQUIP.

PJSM. SICP-12, SITP-109, SIBHP-0. BDW 10 MINUTES.

HANG WELL OFF, REMOVE HORSE HEAD. UNSESAT I-PUMP & L/D POLISHED ROD.

TOH T/DERRICK W/3/4" ROD STRING & 1-1/4" I-PUMP. NOTE: RODS & I-PUMP IN GOOD CONDITION.

R/D ROD HANDLING EQUIP. N/D WH & PUMP-T. N/U BOP & TEST. R/U WORK FLOOR & TBG HANDLING EQUIP.

UNLAND TBG. L/D TBG HANGER. TOH W/2-3/8" PROD TBG T/DERRICK. L/D PGA TYPE BHA.

NOTE: 45 MINUTE DELAY WHILE WAITING F/LIGHTNING T/PASS.

M/U 3-7/8" 5 BLADE JUNK MILL, TALLY & TIH ON 2-3/8" 4.7# TBG F/DERRICK T/4600'.

SWI. SECURE LOC. SDFN.

CREW TRVL T/YARD.

Report Number 14	Report Start Date 8/27/2024	Report End Date 8/27/2024
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Operation

CREW TRVL T/LOC.

PJSM. SICP-220, SITP-NA, SIBHP-0. BDW 15 MINUTES.

CONT TIH W/3-7/8" MILL F/4600' ON 2-3/8" 4.7# TBG F/TRAILER. TAG FILL @ 5027' (12' FILL).

R/U PWR SWIVEL. ESTABLISH CIRC W/AIR MIST USING 11 BPH FW, 1.5 GPH SOAP & 1 GPH CI.

CLEAN OUT FILL (PLUG PARTS & SAND) F/5027' T/CIBP @ 5039'. DRILL OUT CIBP T/5041' (DRILL TIME 2 HR). HANG SWIVEL IN DERRICK.

CONT TIH W/3-7/8" MILL ON TBG 2-3/8" 4.7# TBG F/TRAILER. TAG FILL @ 6027' (23' FILL).

R/U PWR SWIVEL. ESTABLISH CIRC (XX MIN T/GET CIRC).

CLEAN OUT FILL PLUG PARTS & SAND F/6027' T/6050'. PUMP SWEEPS & CIRC CLEAN.

L/D 1 JNT W/SWIVEL. R/D PWR SWIVEL. PULL 1 MORE JNT & HUNG UP ON DEBRIS BEHIND MILL. WORK TBG F/20K UNDER STRING WT T/35K OVER W/NO PROGRESS. L/D JNT, M/U 4' PUP F/SPACING & R/U SWIVEL. CONT WORK TBG W/TORQUE, NO PROGRESS. ATTEMPT CIRC W/AIR, NEG, TBG PLUGGED. WORK TBG F/MORE THAN 2 HRS W/NO PROGRESS. INFORM ENGINEERING. PULL 10K OVER & SET TBG SLIPS.

SWI. SECURE LOC. SDFN.

CREW TRVL T/YARD.

Report Number 15	Report Start Date 8/28/2024	Report End Date 8/28/2024
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Operation

CREW TRVL T/LOC.

PJSM. SICP-125, SITP-NA, SIBHP-0. BDW 10 MINUTES.

AFTER LEAVING PIPE IN 10K TENSION OVER NIGHT, THERE WAS NO CHANGE IN WT. TRY TO WORK TBG DOWN & PUT RIGHT HAND TORQUE IN TBG WHILE WORKING, NO MOVEMENT. START WORKING TBG UP T/60K (32K OVER) & DOWN T/13K (15K UNDER STRNG WT).PRESSURE UP ON TBG W/AIR (PLUGGED, NO CIRC). NO PROGRESS UP OR DOWN.

R/D PWR SWIVEL & L/D 4' PUP JNT. P/U TBG SWIVEL ON FULL JNT TBG. SLACK OFF WT T/18,500LBS. PERFORM BLIND BACK OFF OF TBG W/TONGS. RETAIN 16K WT AFTER BACK OFF.

R/D TBG SWIVEL. TOH W/TBG. RECOVER 87 JNTS (2753'), W/PIN ON BOTTOM. TOF @ 2753' W/TBG COUPLING LOOKING UP.

WAIT ON FISHERMAN.

M/U 3-11/16" OVERSHOT W/5-3/4" LIP GUIDE & 3.1/16" GRAPPLE & TIH ON 2-3/8" 4.7# TBG F/DERRICK. TAG TOF @ 2753'.

LATCH ONTO TOF. WORK PIPE AGGRESSIVLY W/NO MOVEMENT. SET UP F/E-LINE.

SWI. SECURE LOC. SDFN.

CREW TRVL T/YARD.

Report Number 16	Report Start Date 8/29/2024	Report End Date 8/29/2024
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Operation

CREW TRVL T/LOC.

PJSM W/AOL F/E-LINE WORK & FISHING.

SICP-97, SITP-20, SIBHP-0. BDW 10 MINUTES.

R/U E-LINE. RUN FREE POINT. CALIBRATE @ 3460'. READINGS @ 3468', 4510', 5485', 5960' & 5970'. FOUND TBG TO BE FREE TO TOP OF MILLING BHA (BIT SUB) @ 5983'.TOH W/FREE POINT TOOL.

M/U & TIH W/CUTTING TOOL. HOLDING 10K TENSION ON TBG (40K), MAKE A CHEM CUT @ 5968', LOST 11K WT AFTER CUT = 29K, NORMAL STRING WT. R/D E-LINE.

TOH W/2-3/8" TBG T/DERRICK. L/D 4-1/16" OS. TOH W/FISH (101 FULL JNTS & 1 CUT JNT (16')).



Well Operations Summary L48

Well Name: SAN JUAN 28-6 UNIT #48A

API: 3003921872

Field: BLANCO MESAVERDE (PRORATED GAS) State: NEW MEXICO

Sundry #:

Rig/Service: BHE 38

Operation

M/U FISHING BHA. TIH ON 2-3/8" 4.7# TBG. TAG TOF @ 5968' (BTTM OF FISH @ 5988').

FISHING BHA AS FOLLOWS:

1 - OS, 3-3/4" OD W/2-3/8" GRAPPLE
1 - STRING FLOAT
1 - BUMPER SUB
6 - 3-1/8" DC'S
1 - INTENSIIER
1 - XO, EUE x REG

LATCH ONTO FISH @ 5968'. BEGIN JARRING ON FISH W/21K OVER STING WT & 15K BELOW.

STARTED FISH MOVING UP HOLE & WAS ALSO ABLE T/COME BACK DOWN. GOOD PROGRESS T/5871' THEN PROGRESS SLOWED. STILL ABLE TO MOVE DOWN FAIRLY EASILY BUT THEN HAVE TO FIGHT TO GET BACK UP. REACHED A PLACE T/SECURE WELL FOR THE NIGHT.

SWI. SECURE LOC. SDFN.

CREW TRVL T/YARD.

Report Number 17	Report Start Date 8/30/2024	Report End Date 8/30/2024
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Operation

CREW TRVL T/LOC.

PJSM W/AOL F/JARRING & FISHING.

SICP-92, SITP-NA, SIBHP-0. BDW 10 MINUTES.

P/U 1 JNT OF TBG & CONTINUE JARRING & WORKING FISH F/5871'. AFTER 1.5 HRS FISH CAME FREE.

TOH W/2-3/8" 4.7# J-55 TBG T/DERRICK (FISH DRAGGING F/200'). L/D DC'S & FISHING BHA. L/D RECOVERED FISH (15' CUT JNT OF 2-3/8" TBG, BIT SUB & 3-7/8" JUNK MILL.

NOTE: FOUND SEVERAL CHUNKS OF CAST IRON IN FLOW CHANNELS ON MILL.

M/U 2-3/8" PGA TYPE BHA & TIH ON 2-3/8" 4.7#, J-55 TBG. M/U TBG HANGER.

LAND TBG AS FOLLOWS:

1 - TBG HANGER

188 - JNTS OF 2-3/8" 4.7#, J-55 TBG

1 - SN

1 - 2-3/8" PGA TYPE MA (SLOTS IN MIDDLE OF JNT)

1 - 2-3/8" BULL PLUG

SN @ 5958.81', EOT @ 6001.91'

R/D WORK FLOOR & TBG HANDLING EQUIP. N/D BOP. N/U WH & PUMP-T. R/U ROD HANDLING EQUIP.

SURFACE TEST I-PUMP & TIH ON SAME 3/4" ROD STRING (ADDING 59 SLICK 3/4" RODS).

SPACE OUT & SEAT I-PUMP. PRTS TBG T/500 PSI W/RIG PUMP, OK. LONG STROKE I-PUMP T/500 PSI, OK. INSTALL HORSE HEAD & HANG WELL ON.

SECURE LOC. SDFWE.

CREW TRVL T/YARD. **FINAL REPORT.**



Current Schematic - Version 3

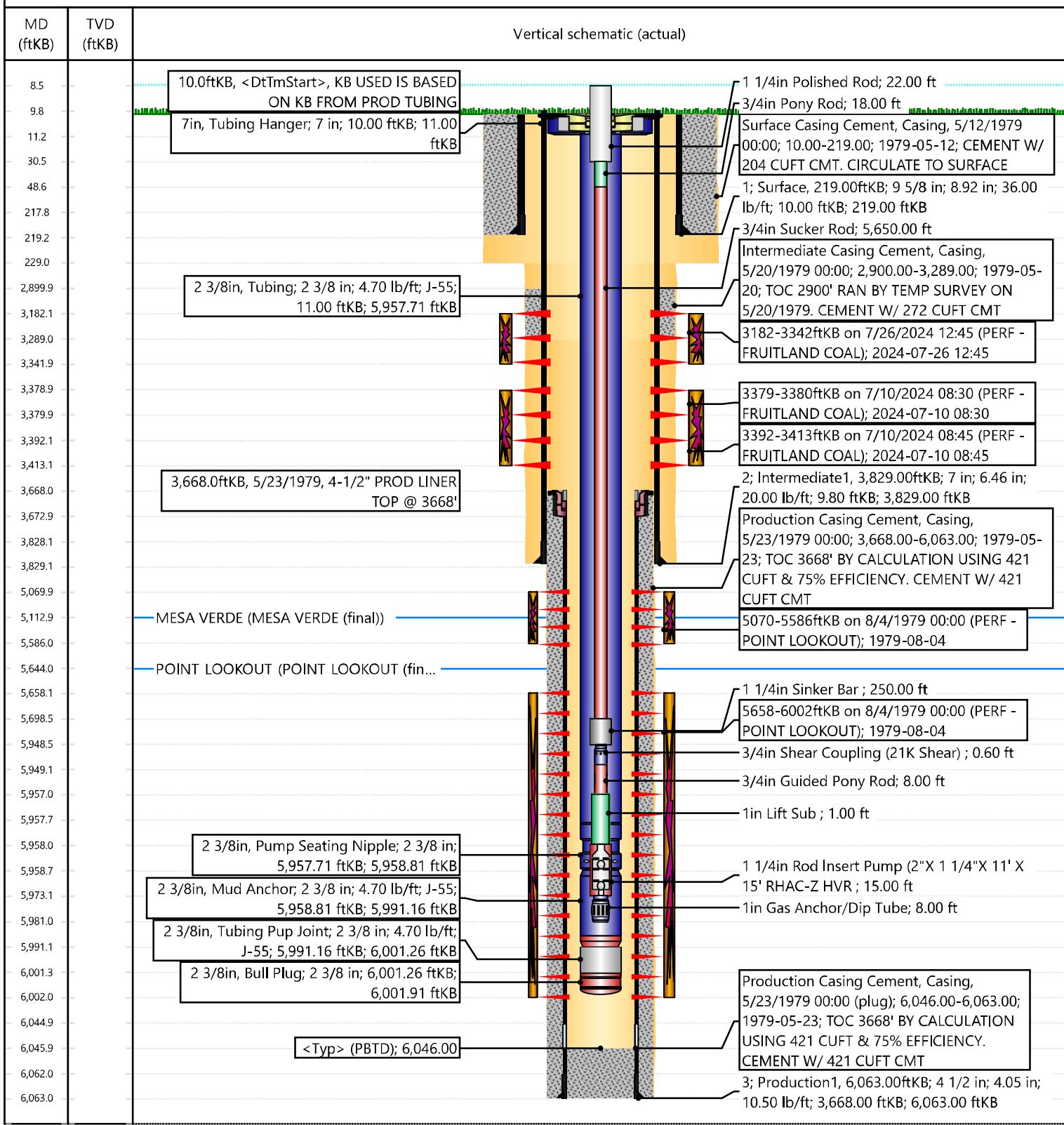
Well Name: SAN JUAN 28-6 UNIT #48A

API/UWI 13003921872	Surface Legal Location 016-028N-006W-J	Field Name BLANCO MESAVERDE (PRORATED GAS)	Route 1303	State/Province NEW MEXICO	Well Configuration Type VERTICAL
Ground Elevation (ft) 6,590.00	Original KB/RT Elevation (ft) 6,600.00	Tubing Hanger Elevation (ft)	RKB to GL (ft) 10.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)

Tubing Strings

Run Date 8/30/2024 15:30	Set Depth (ftKB) 6,001.91	String Max Nominal OD (in) 2 3/8	String Min Nominal ID (in) 2.00	Weight/Length (lb/ft) 4.70	Original Spud Date 5/12/1979 00:00
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Original Hole [VERTICAL]



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 458437

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 458437
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
andrew.fordyce	None	12/19/2025