

Well Name: HOWELL D	Well Location: T31N / R8W / SEC 29 / SESW / 36.86496 / -107.70064	County or Parish/State: SAN JUAN / NM
Well Number: 351	Type of Well: OTHER	Allottee or Tribe Name:
Lease Number: NMSF078387	Unit or CA Name:	Unit or CA Number:
US Well Number: 3004526902	Operator: HILCORP ENERGY COMPANY	

Subsequent Report

Sundry ID: 2848327

Type of Submission: Subsequent Report	Type of Action: Workover Operations
Date Sundry Submitted: 04/21/2025	Time Sundry Submitted: 09:41
Date Operation Actually Began: 04/04/2025	

Actual Procedure: Hilcorp Energy Company recently performed a rod pump repair, and during operations was unable to recover the mule shoe. Please see the attached workover operations.

SR Attachments

Actual Procedure

HOWELL_D_351_SR_Workover_Writeup_20250421094137.pdf

Well Name: HOWELL D	Well Location: T31N / R8W / SEC 29 / SESW / 36.86496 / -107.70064	County or Parish/State: SAN JUAN / NM
Well Number: 351	Type of Well: OTHER	Allottee or Tribe Name:
Lease Number: NMSF078387	Unit or CA Name:	Unit or CA Number:
US Well Number: 3004526902	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: AMANDA WALKER	Signed on: APR 21, 2025 09:41 AM
Name: HILCORP ENERGY COMPANY	
Title: Operations/Regulatory Technician	
Street Address: 1111 TRAVIS ST	
City: HOUSTON	State: TX
Phone: (346) 237-2177	
Email address: MWALKER@HILCORP.COM	

Field

Representative Name:		
Street Address:		
City:	State:	Zip:
Phone:		
Email address:		

BLM Point of Contact

BLM POC Name: KENNETH G RENNICK	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5055647742	BLM POC Email Address: krennick@blm.gov
Disposition: Accepted	Disposition Date: 04/21/2025
Signature: Kenneth Rennick	

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

SUBMIT IN TRIPLICATE - Other instructions on page 2		7. If Unit of CA/Agreement, Name and/or No.
1. Type of Well ☐ Oil Well ☐ Gas Well ☐ Other		8. Well Name and No.
2. Name of Operator		9. API Well No.
3a. Address	3b. Phone No. (include area code)	10. Field and Pool or Exploratory Area
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)		11. Country or Parish, State

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA				
TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

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 recompleate 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 perfonned 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 detennined that the site is ready for final inspection.)

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)		
	Title	
Signature	Date	

THE SPACE FOR FEDERAL OR STATE OFFICE USE		
Approved by	Title	Date
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.	Office	

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)

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

SPECIFIC INSTRUCTIONS

Item 4 - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 13: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

NOTICES

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c) and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

Additional Information

Location of Well

0. SHL: SESW / 1180 FSL / 1840 FWL / TWSP: 31N / RANGE: 8W / SECTION: 29 / LAT: 36.86496 / LONG: -107.70064 (TVD: 0 feet, MD: 0 feet)

BHL: SESW / 1180 FSL / 1840 FWL / TWSP: 31N / SECTION: / LAT: 36.86496 / LONG: 107.70064 (TVD: 0 feet, MD: 0 feet)



Well Operations Summary L48

Well Name: HOWELL D #351

API: 3004526902

Field: BSN (FTLD COAL)

#3046

State: NEW MEXICO

Permit to Drill (PTD) #:

Sundry #:

Rig/Service: HEC 104

Jobs

Actual Start Date: 4/4/2025

End Date: 4/7/2025

Report Number	Report Start Date	Report End Date
1	4/4/2025	4/4/2025

Operation

CREW TRAVEL TO THE HOWELL J 4A.

PJSM. LOAD TRUCKS. MOB RIG AND EQUIPMENT OVER TO THE HOWELL D 351(5.5 MILE MOVE).

SPOT IN RIG AND EQUIPMENT. R/U RIG.

CK PRESSURES. SITP- 0 PSI. SICP-45 PSI. SIBHP 0 PSI. 1.5 MIN BLOW DOWN. R/D HORSE HEAD, L/D POLISH ROD WITH STUFFING BOX, DID NOT SEE PUMP UNSEAT, TRIED TO SCREW BACK INTO RODS, UNSUCCESSFUL. TOOH WITH ROD STRING, RODS CAME APART AT THREADS. LEFT 4 K BARS SHEAR TOOL AND PUMP DOWNHOLE.

N/D WELLHEAD, N/U BOP, R/U RIG FLOOR.

ATTEMPT TO PULL TBG HANGER TO SURFACE, WORK STUCK TBG HANGER. R/D RIG FLOOR, N/D BOP.

WAIT ON TBG HANGER JACK. R/U SLICKLINE AND PERF TBG. R/D SLICKLINE. PUMP 10 BBL KILL DOWN TBG AND CASING. N/U B1 FLANGE JACK OUT TBG HANGER.

N/U BOP, R/U RIG FLOOR. P/U 1 JNT, PULL HANGER TO SURFACE AND REMOVE. RIH AND TAG @3452', 6' OF FILL. R/U PREMIER NDT. TOOH INSPECTING 2 7/8" J-55 TBG, 79 - YELLOW, 11 - BLUE. 14 - GREEN, 5 - RED, DOWNGRADED 19 JNTS DUE TO CORROSION AND SOME ROD WEAR. LEFT MULE SHOE DOWNHOLE THREADS ON S.N STILL GOOD, MAYBE UNSCREWED. R/D SCANNING EQUIPMENT.

SHUT IN WELL. DRAIN EQUIPMENT. SECURE LOCATION. DEBRIEF CREW. SDFW.

CREW TRAVEL TO YARD.

Report Number	Report Start Date	Report End Date
2	4/7/2025	4/7/2025

Operation

CREW TRAVEL TO LOCATION.

PJSM, CK PRESSURES. SITP- N/A. SICP-55 PSI. SIBHP 0 PSI. 1.5 MIN BLOW DOWN.

M/U PRODUCTION BHA, TALLY AND P/U REPLACEMENT TBG, TIH WITH TBG FROM DERRICK(CHANGED OUT 27 TBG COLLARS DUE TO WEAR AND CORROSION). TAG TOF @3425', L/D 1 JNT, M/U TBG HANGER AND LAND AS FOLLOWS:

- (1)- 2 7/8" PRICE TYPE MUD ANCHOR, WEEP HOLE BELOW UPSET (29.90')
- (1)- 2 7/8" X 2.28 SEAT NIPPLE (1.10')
- (107)- 2 7/8" 6.5# J-55 TBG (3325.56')
- (3)- 2 7/8" X 10', 6', 4' PUP JOINTS (20')
- (1)- 2 7/8" 6.5# J-55 TBG (31.38')
- (1)- 2 7/8" X 3K TUBING HANGER

EOT @ 3421.94'

SEAT NIPPLE @ 3392.04'

TOF @ 3425'

PBTD @ 3458'

R/D RIG FLOOR, N/D BOP. CHANGED OUT LOCKPINS N TBG HEAD. N/U WELLHEAD.

PICK UP PUMP, STROKE TEST AT SURFACE AND TRIP IN HOLE WITH ROD STRING. SPACE OUT AND SEAT PUMP.

- (1) - 1" X 1' STRAINER NIPPLE.
- (1) - 2 1/2 " X 1 1/2" X 10' X 14' RHAC-Z HVR INSERT PUMP(HIL 1152)
- (1) - 8' GUIDED PONY ROD.
- (1) - 22K SHEAR TOOL.
- (4) - 1 1/2" SINKER BARS
- (130) - 7/8" RODS.
- (1) - 6' PONY RODS.
- 22' X 1 1/4" POLISH ROD W 10' 1 1/2" LINER.

LOAD TUBING WITH 16 BBLS OF FW, PRESSURE TEST TO 1000 PSI. GOOD TEST. BLEED DOWN PRESSURE TO 200 PSI, LONG STROKE PUMP WITH RIG UP TO 1000 PSI, BLEED OFF PRESSURE. R/U HORSE HEAD, HANG OFF RODS. RUN UNIT WITH JOHN R. ON LOCATION.

R/D RIG AND PREP TO MOVE.

SECURE LOCATION. DEBRIEF CREW. SDFN.

CREW TRAVEL TO YARD.

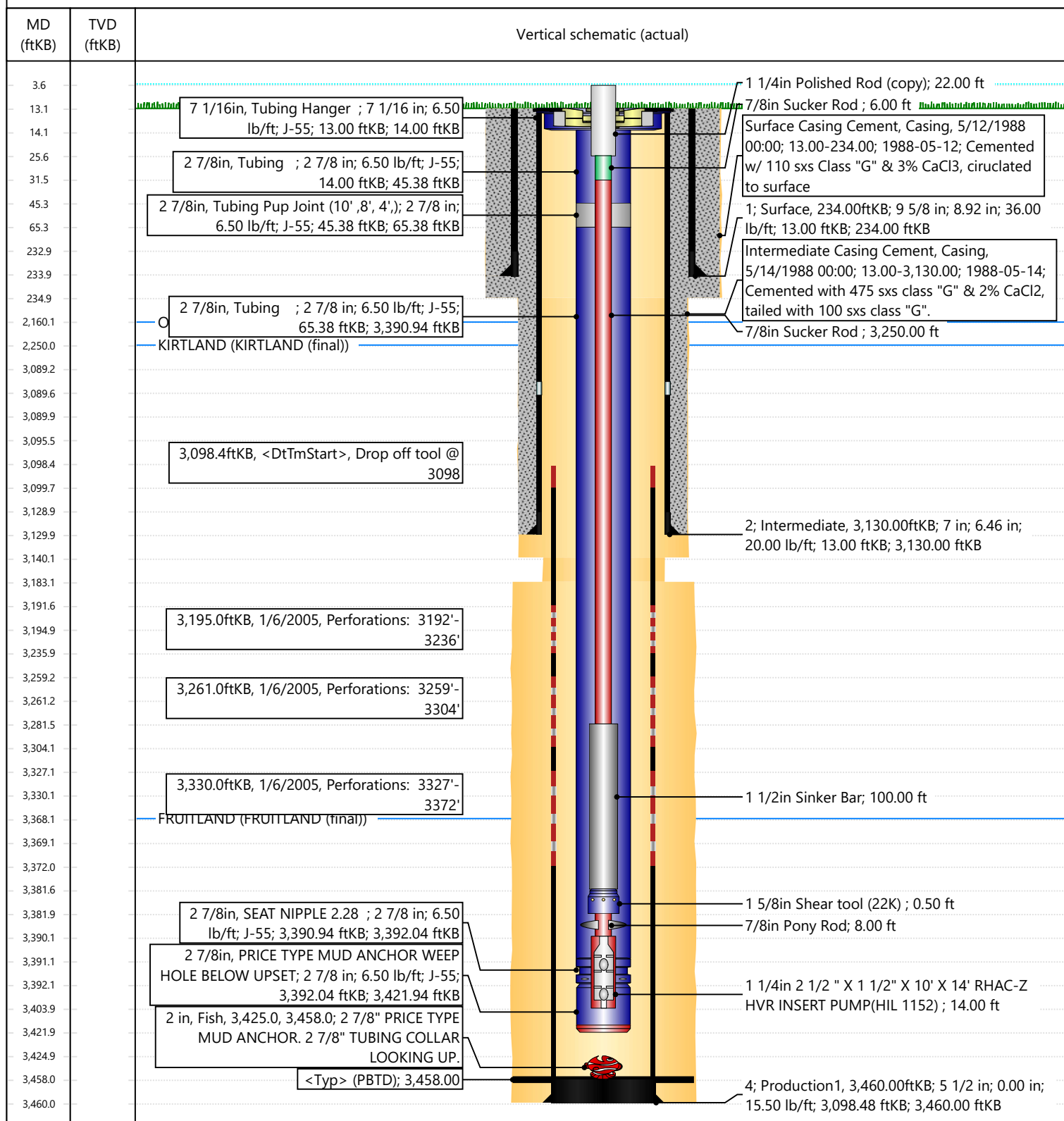


Current Schematic - Version 3

Well Name: HOWELL D #351

API / UWI 3004526902	Surface Legal Location 029-031N-008W-N	Field Name BSN (FTLD COAL) #3046	Route 0407	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 6,518.00	Original KB/RT Elevation (ft) 6,531.00	Tubing Hanger Elevation (ft)	RKB to GL (ft) 13.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)
Tubing Strings					
Run Date 4/7/2025 10:00	Set Depth (ftKB) 3,421.94	String Max Nominal OD (in) 2 7/8	String Min Nominal ID (in) 2.44	Weight/Length (lb/ft) 6.50	Original Spud Date 9/6/1995 00:00

Original Hole [Vertical]



Sent on: Monday, April 7, 2025 8:38:07 AM

To: [Rennick, Kenneth G](#); [Amanda Atencio](#); [Kade, Matthew H](#)

CC: [Mandi Walker](#); [Eric Portillo - \(C\)](#); [Juan Cardenas](#)

Subject: RE: [EXTERNAL] Howell D 351 (3004526902) - Request to leave MS downhole

CAUTION: External sender. DO NOT open links or attachments from UNKNOWN senders.

NMOCD approves to leave mule shoe in the hole – however, please be advised when decision is made to plug the well cement will need to be placed across fish.

Thank you

Monica Kuehling
Compliance Officer Supervisor
Deputy Oil and Gas Inspector
New Mexico Oil Conservation Division
North District
Cell Phone: 505-320-0243
Email - monica.kuehling@emnrd.nm.gov

From: Rennick, Kenneth G <krennick@blm.gov>

Sent: Monday, April 7, 2025 7:35 AM

To: Amanda Atencio <Amanda.Atencio@hilcorp.com>; Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Kade, Matthew H <mkade@blm.gov>

Cc: Mandi Walker <mwalker@hilcorp.com>; Eric Portillo - (C) <Eric.Portillo@hilcorp.com>; Juan Cardenas <jcardenas@hilcorp.com>

Subject: Re: [EXTERNAL] Howell D 351 (3004526902) - Request to leave MS downhole

The BLM finds that appropriate.

Get [Outlook for iOS](#)

From: Amanda Atencio <Amanda.Atencio@hilcorp.com>

Sent: Monday, April 7, 2025 7:11:40 AM

To: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Rennick, Kenneth G <krennick@blm.gov>; Kade, Matthew H <mkade@blm.gov>

Cc: Mandi Walker <mwalker@hilcorp.com>; Eric Portillo - (C) <Eric.Portillo@hilcorp.com>; Juan Cardenas <jcardenas@hilcorp.com>

Subject: [EXTERNAL] Howell D 351 (3004526902) - Request to leave MS downhole

This email has been received from outside of DOI - Use caution before clicking on links, opening attachments, or responding.

Good morning, All

During a routine rod pump repair on Howell D 351, we found that the 2-7/8" mule shoe became disconnected from the end of tubing and remained downhole when the tubing string was pulled. The mule shoe is 33'. With +/-6' of fill the estimated top is at 3,419'. The well is completed with a 5-1/2" drop-off liner.

Released to Imaging: 10/24/2025 8:47:15 AM

Thank you,

Amanda Atencio

Operations Engineer – SJE
Hilcorp Energy Company
Office: (346) 237-2160
Cell: (719) 393-2721

The information contained in this email message is confidential and may be legally privileged and is intended only for the use of the individual or entity named above. If you are not an intended recipient or if you have received this message in error, you are hereby notified that any dissemination, distribution, or copy of this email is strictly prohibited. If you have received this email in error, please immediately notify us by return email or telephone if the sender's phone number is listed above, then promptly and permanently delete this message.

While all reasonable care has been taken to avoid the transmission of viruses, it is the responsibility of the recipient to ensure that the onward transmission, opening, or use of this message and any attachments will not adversely affect its systems or data. No responsibility is accepted by the company in this regard and the recipient should carry out such virus and other checks as it considers appropriate.

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

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oed/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 454224

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 454224
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
andrew.fordyce	None	10/24/2025