

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018**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.****SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. 1149IND8473
2. Name of Operator HILCORP ENERGY COMPANY		6. If Indian, Allottee or Tribe Name EASTERN NAVAJO
Contact: CHERYLENE WESTON E-Mail: cweston@hilcorp.com		7. If Unit or CA/Agreement, Name and/or No. 892000943A
3a. Address 1111 TRAVIS STREET HOUSTON, TX 77002	3b. Phone No. (include area code) Ph: 505-564-0779	8. Well Name and No. HUERFANITO UNIT 82N
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 25 T27N R9W SWSW 200FSL 855FWL 36.539360 N Lat, 107.746170 W Lon		9. API Well No. 30-045-35310-00-C1
10. Field and Pool or Exploratory Area Multiple--See Attached		11. County or Parish, State SAN JUAN COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" 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 type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Workover Operations
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> 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 recompleat 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 recompleat 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.

Hilcorp Energy Company requests permission to perform Menefee squeeze work on the subject well per the attached procedure.

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #500520 verified by the BLM Well Information System For HILCORP ENERGY COMPANY, sent to the Farmington Committed to AFMSS for processing by JOE KILLINS on 01/24/2020 (20JK0103SE)</b>	
Name (Printed/Typed) CHERYLENE WESTON	Title OPERATIONS/REGULATORY TECH-SR
Signature (Electronic Submission)	Date 01/23/2020

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By JOE KILLINS	Title PETROLEUM ENGINEER	Date 01/24/2020
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 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)

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

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**Additional data for EC transaction #500520 that would not fit on the form**

**10. Field and Pool, continued**

BLANCO MESAVERDE

HUERFANITO UNIT 82N  
API 3004535310  
Squeeze MV Perfs and Convert to Plunger Lift  
1/21/20

**Proposed Procedure**

1. Hold pre-job safety meeting. Comply with all NMOCD, BLM, and HEC safety and environmental regulations.
2. Check casing, tubing, and bradenhead pressures and record all.
3. MIRU WO rig. Unseat downhole pump and TOO H with rod string, killing well as needed.
4. ND wellhead. NU and test BOPs.
5. PU and remove tubing hanger. Add extra joints to tag any fill and determine depth if present.
6. Scan tbg out of hole, replacing bad joints.
7. Set RBP @ approximately 4420'. Set cement retainer @ approximately 3920'. Squeeze Menefee perfs @ approximately 3928' – 4406' with cement. WOC at least overnight.

*Note: In 2013, Menefee perfs @ 3928' – 4142' (Cmt ret @ 3871' and CIBP @ 4204') were squeezed with 400 sxs cmt. This portion of the proposed squeeze interval will be a re-squeeze.*

8. TIH with cement mill and tag cement. DO cement and RBP. CO to PBTD.
9. POOH with mill.
10. TIH with production tubing. Land within Dakota perfs @ approximately 6640'.
11. Establish barriers. ND BOP. RDMO.
12. Install plunger lift equipment and return to production as commingled MV/DK producer.

# Current Wellbore Diagram



## Schematic - Current

Well Name: HUERFANITO UNIT #82N

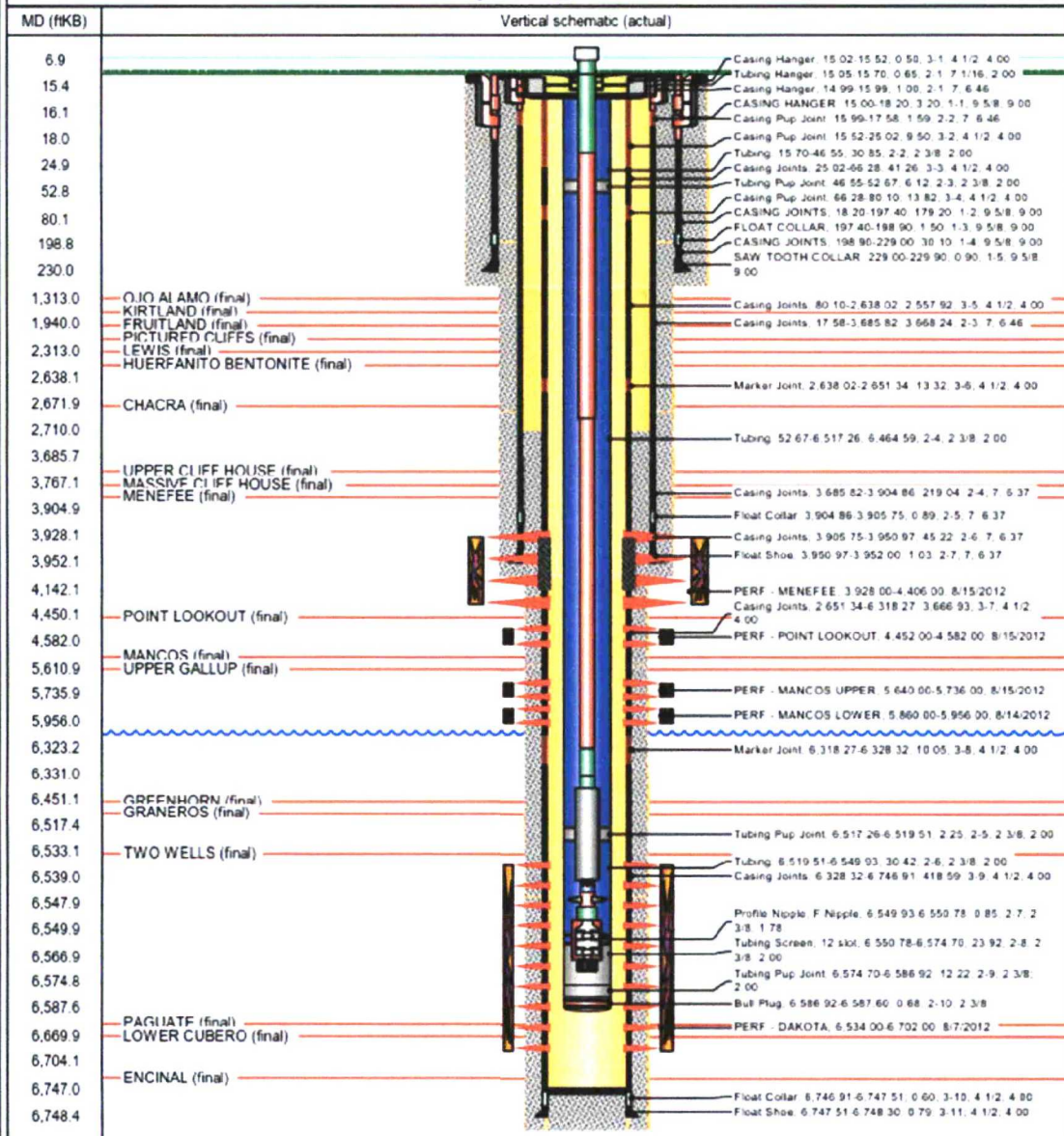
API: UMI 3004535310	Surface Legal Location 025-027N-009W-M	Field Name MV/MNCS/DK	License No.	State/Province NEW MEXICO	Well Configuration Type VERTICAL
Original KB/RT Elevation (ft) 6,290.00	KB/RT Ground Distance (ft) 15.00	Original Spud Date 6/20/2012 08:30	Rig Release Date	PERO (ft) (ft) Original Hole - 6,747.0	Total Depth All (T/D) (ft) 6,748.4

### Most Recent Job

Job Category WELL INTERVENTION	Primary Job Type ROD & TUBING REPAIR	Secondary Job Type	Actual Start Date 3/10/2015	End Date 3/18/2015
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TD: 6,750.0

VERTICAL, Original Hole, 11/19/2019 9:22:14 AM





# Proposed Wellbore Diagram



## Proposed Schematic

Well Name: **HUERFANITO UNIT #82N**

API / UWI 3004535310	Surface Legal Location 025-027N-009W-M	Field Name MV/MNCS/DK	Route 0904	State/Province NEW MEXICO	Well Configuration Type VERTICAL
Ground Elevation (ft) 6,275.00	Original KB/RT Elevation (ft) 6,290.00	KB-Ground Distance (ft) 15.00	KB-Casing Flange Distance (ft) 15.00	KB-Tubing Hanger Distance (ft)	

VERTICAL, Original Hole, 1/23/2020 11:02:59 AM

