

Submit 1 Copy To Appropriate District 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. 30-045-32978
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. E-5379-2
3. Address of Operator 382 Road 3100, Aztec, NM 87410		7. Lease Name or Unit Agreement Name Huerfanito Unit
4. Well Location Unit Letter <u>F</u> : <u>1400</u> feet from the <u>North</u> line and <u>1475</u> feet from the <u>West</u> line Section <u>02</u> Township <u>26N</u> Range <u>09W</u> NMPM San Juan County		8. Well Number <u>76E</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6356' 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: ☐		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 Company requests permission to perform Menefee squeeze work on the subject well per the attached procedure.

WMOCD

JAN 27 2020

DISTRICT III

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 Technician – Sr. DATE 01/23/2020

Type or print name Cherylene Weston E-mail address: cweston@hilcorp.com PHONE: (505) 564-0779

For State Use Only

APPROVED BY: [Signature] TITLE SUPERVISOR DISTRICT #3 DATE 2/7/20

Conditions of Approval (if any):

AY

HUERFANITO UNIT 76E

API 3004532978

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 4440'. Set cement retainer @ approximately 4055'. Squeeze Menefee perfs @ approximately 4060' – 4435' with cement. WOC at least overnight.
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 6680'.
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 #76E

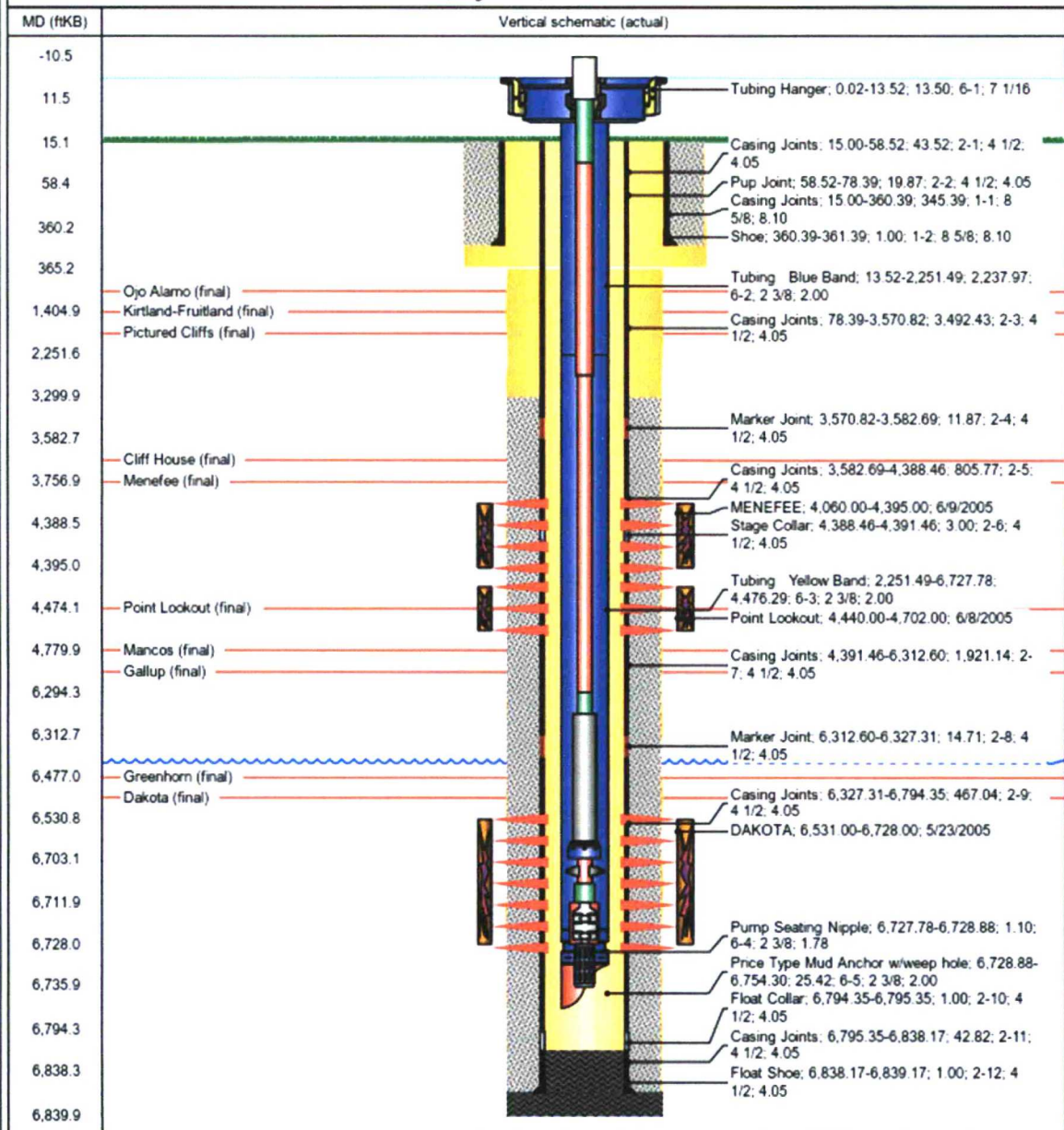
API: UWI 3004532978	Surface Legal Location 002-026N-009W-F	Field Name BLANCO MESAVERDE (PROBATED GAS)	License No.	State/Province NEW MEXICO	Well Configuration Type VERTICAL
Original KBRT Elevation (ft) 6,371.00	KBRT Ground Distance (ft) 15.00	Original Spud Date 4/9/2005 16:15	Rig Release Date 6/24/2005 06:00	FBTD (ft) (TKB) Original Hole - 6,795.3	Total Depth All (TVD) (TKB)

Most Recent Job

Job Category Expense Workover	Primary Job Type TUBING REPAIR	Secondary Job Type	Actual Start Date 5/15/2018	End Date 5/18/2018
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TD: 6,840.0

VERTICAL, Original Hole, 11/26/2019 6:42:01 AM



Proposed Wellbore Diagram



Proposed Schematic

Well Name: **HUERFANITO UNIT #76E**

API: UWI 3004532978	Surface Legal Location 002-026N-009W-F	Field Name BLANCO MESAVERDE (PRORATED GAS)	Route 0903	State/Province NEW MEXICO	Well Configuration Type VERTICAL
Ground Elevation (ft) 6,356.00	Original KB/RT Elevation (ft) 6,371.00	KB-Ground Distance (ft) 15.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	

VERTICAL, Original Hole, 1/23/2020 11:07:03 AM

