

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

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

<p>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.)</p>		<p>WELL API NO. 30-045-23618</p>
<p>1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/></p>		<p>5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/></p>
<p>2. Name of Operator HILCORP ENERGY COMPANY</p>		<p>6. State Oil & Gas Lease No.</p>
<p>3. Address of Operator 382 Road 3100, Aztec, NM 87410</p>		<p>7. Lease Name or Unit Agreement Name OSHEA</p>
<p>4. Well Location Unit Letter <u>F</u> : <u>1450</u> feet from the <u>North</u> line and <u>1750</u> feet from the <u>West</u> line Section <u>03</u> Township <u>31N</u> Range <u>13W</u> NMPM County <u>San Juan</u></p>		<p>8. Well Number 1M</p>
<p>11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5838' GL</p>		<p>9. OGRID Number 372171</p>
<p>10. Pool name or Wildcat Blanco Mesaverde/Basin Dakota</p>		

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☒
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐
CLOSED-LOOP SYSTEM ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐
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 plug and abandon the subject well if the bradenhead repair is unsuccessful. The procedure, current and proposed wellbore schematics are attached.

COA

Extend surface plug 700'-0,' inside/outside

Split Mancos and MV plug;

set the Mancos plug from 4743'-4843'

MV plug from 4428'-3760' CR or CIBP set at 4428'

Perform CBL from MV CR or CIBP to surface and submit to OCD for approval prior to cementing.

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 Priscilla Shorty TITLE Operations/Regulatory Technician – Sr. DATE 5/4/2020

Type or print name Priscilla Shorty E-mail address: pshorty@hilcorp.com PHONE: (505)324-5188

For State Use Only

APPROVED BY:  TITLE DISTRICT III SUPERVISOR DATE 5/8/2020

Conditions of Approval (if any):

AV



Hilcorp Energy Company
OSHEA 1M
Plug and Abandon - NOI
API #: 3004523618

PROCEDURE

Hold a pre-job safety meeting prior to beginning all operations or during a change in operational scope or initiation of SIMOPs. Properly document all operations via the JSA process. Insure that all personnel onsite abide by HEC safety protocol, including PPE, housekeeping, and standard guidelines. Verify cathodic protection is off and wellhead instrumentation is properly disconnected from wellhead. Comply with all NMOCD, BLM, and HEC safety and environmental regulations. Verify there is no H₂S present prior to beginning operations. If H₂S is present, take the necessary actions to insure that the operation is safe prior to beginning operations. Observe and record pressures across all strings daily, prior to beginning operations. **Notify NMOCD 24 hours in advance of beginning operations**

NOTE: this procedure is contingent upon P&A sundry approval by the NMOCD. All cement volumes use 100% excess outside pipe and 50' excess inside (unless stated otherwise). All cement will be Class G, mixed at 15.8 ppg with a 1.15 cf/sx yield. 8.3 ppg fluid will be used to balance the well during this operation

NOTE: cement behind pipe is referenced off of the original CBL run 10/25/79

1. This project will use an A-Plus steel tank to handle waste fluids circulated from the well and cement wash up.
2. Test anchors if not using basebeam. Comply with all NMOCD, BLM, and Operator safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. Record casing, tubing and bradenhead pressures. NU relief line and blow down well. Kill well with water as necessary and at least pump tubing capacity of water down the tubing. ND wellhead and NU BOP. Function test BOP.
3. **Plug #1 (Dakota interval, 6656' – 6556')**: Round trip 5.5" mill or bit to 6656' or as deep as possible. RIH and set at (wireline or tubing) 5.5" CR @ 6656'. Spot 18 sxs Class G cement above CR to isolate the Dakota interval. PUH.
4. **Plug #2 (Gallup interval, 5957' – 5857')**: Spot 18 sxs Class G cement inside casing to cover Gallup top. TOH.
5. **Plug #3 (Mancos top and Mesaverde interval, 4816' – 3760')**: RIH and set at 5.5" CR @ 3810'. Load casing with water and circulate well clean. Pressure test tubing and casing. If casing does not test then spot or tag subsequent plugs as appropriate. Mix 129 sxs Class G cement, squeeze 117 sxs below CR to isolate the Mancos interval and cover the Mesaverde perforations; sting out of CR and leave 12 sxs above CR to cover the Mesaverde top. TOH.
6. **Plug #3 (Chacra top, 2850' – 2750')** Perforate squeeze holes at 2850'. Establish injection rate. RIH and set 5.5" (wireline or tubing) CR at 2800'. Sting into CR and establish injection rate. Mix and pump 49 sxs Class G cement; squeeze 31 sxs outside 5.5" casing and leave 18 sxs inside casing to isolate Chacra top. TOH.
7. **Plug #5 (Pictured Cliffs top, 2135' – 2035')**: Perforate squeeze holes at 2135'. Establish injection rate. RIH and set 5.5" (wireline or tubing) CR at 2085'. Sting into CR and establish injection rate. Mix and pump 49 sxs Class G cement; squeeze 31 sxs outside 5.5" casing and leave 18 sxs inside casing to isolate PC top. TOH.
8. **Plug #6 (Fruitland top, 1404' – 1304')**: Perforate squeeze holes at 1404'. Establish injection rate. RIH and set 5.5" CR at 1354'. Sting into CR and establish injection rate. Mix and pump 49 sxs Class G cement; squeeze 31 sxs outside 5.5" casing and leave 18 sxs inside casing to isolate Fruitland top. TOH.
9. **Plug #7 (Kirtland and 8-5/8" casing shoe, 429' – 0')**: Perforate squeeze holes at 429'. Establish circulation out bradenhead with water and circulate the BH annulus clean. Mix approximately 143 sxs Class G cement and pump down the 5.5" casing to circulate good cement out bradenhead. Shut in well and WOC.
10. ND BOP and cut off wellhead below surface casing flange. Install P&A marker with cement to comply with regulations. Record GPS coordinate for P&A marker on tower report. Photograph P&A marker in place. Cut off anchors and clean up location. Restore location per BLM stipulations.

Well Name: OSHA #1M

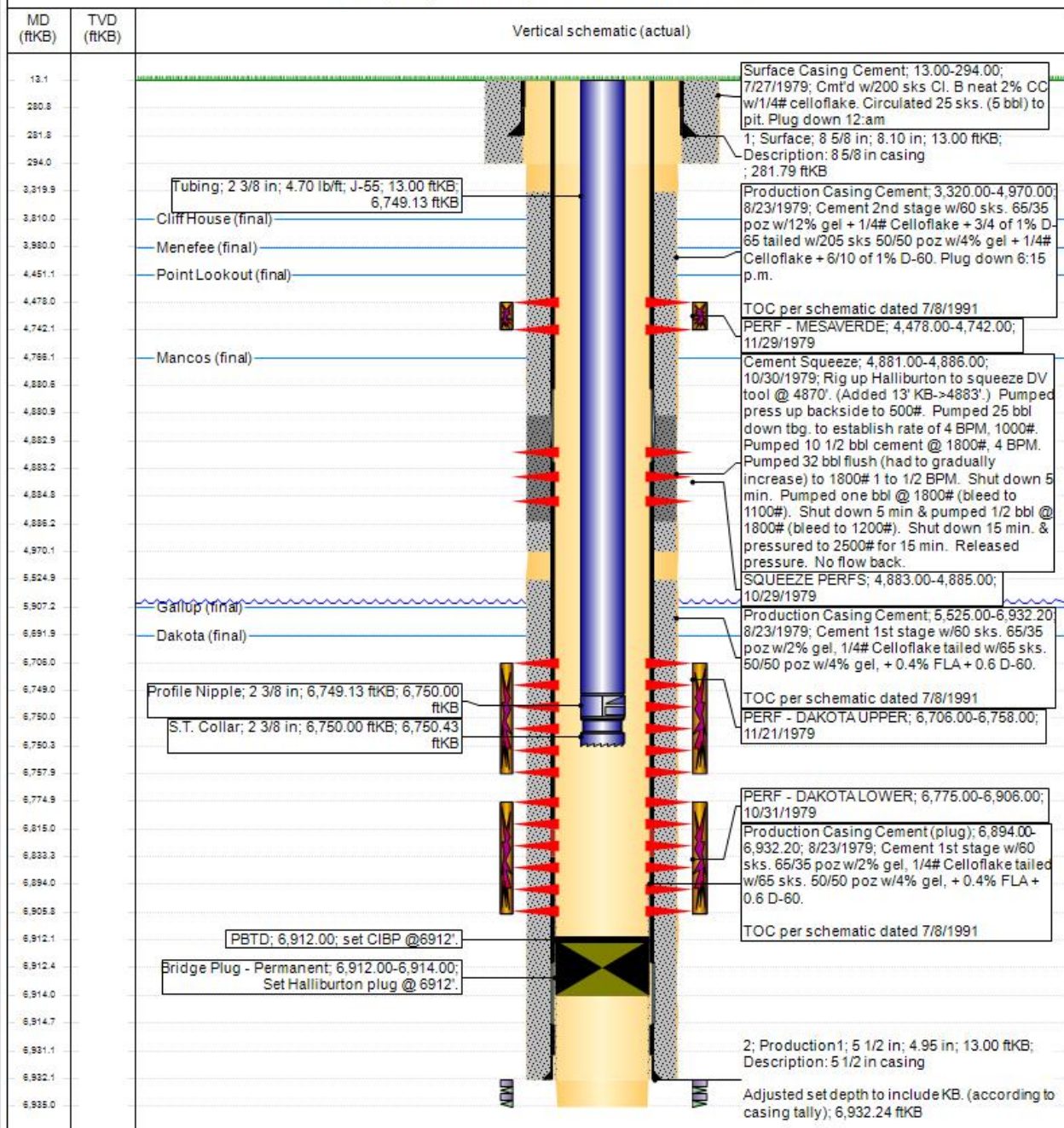
API / UWI 3004523618	Surface Legal Location F-3-31N-13W	Field Name BASIN	License No.	State/Province NEW MEXICO	Well Configuration Type Vertical
Original KB/RT Elevation (ft) 5,851.00	KB-Ground Distance (ft) 13.00	Original Spud Date 7/27/1979 12:30	Rig Release Date	PBTD (All) (ftKB) Original Hole - 6,912.0	Total Depth All (TVD) (ftKB)

Most Recent Job

Job Category Expense Workover	Primary Job Type COMMINGLE	Secondary Job Type	Actual Start Date 8/12/2004	End Date 8/20/2004
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ID: 6,935.2

Vertical, Original Hole, 11/8/2019 10:09:51 AM



Today's Date: 5/4/20

O'Shea #1M
Proposed P&A
Dakota/ Mesaverde
1450' FNL & 1750' FWL, Sec. 3, T31N, R13W
San Juan County, NM / API# 30-045-23618

