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

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

Form C-103
Revised July 18, 2013

WELL API NO. 30-045-23048

5. Indicate Type of Lease STATE ☒ FEE ☐

6. State Oil & Gas Lease No. E-5386-6

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.)

1. Type of Well: Oil Well ☐ Gas Well ☒ Other

7. Lease Name or Unit Agreement Name: Beaver Lodge Com

8. Well Number: 2A

2. Name of Operator: HILCORP ENERGY COMPANY

9. OGRID Number: 372171

3. Address of Operator: 382 Road 3100, Aztec, NM 87410

10. Pool name or Wildcat: Blanco Mesaverde

4. Well Location
Unit Letter C 790 feet from the North line and 1470 feet from the West line
Section 36 Township 31N Range 11W NMPM San Juan County

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*: 5885' GR

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 request permission to repair the bradenhead on the subject well per the attached procedure and current wellbore schematic

Notify NMOCD 24 hrs prior to beginning operations

NMOCD
OCT 04 2018
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 Priscilla Shorty TITLE Operations / Regulatory Technician DATE 10/4/2018

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

For State Use Only

APPROVED BY: Brandon Powell TITLE Deputy Oil & Gas Inspector, District #3 DATE 10/10/18

Conditions of Approval (if any):

AV

3

Hilcorp
BEAVER LODGE COM 2A
Expense - Bradenhead Repair

Lat 36.860236 N **Long 36.860236 W**

PROCEDURE

1. Please notify NMOCD at least 24 hrs before rig arrives to well prep the well. 505-334-6178 Aztec office. Wellsite is on state land.

2. Hold pre-job safety meeting. Verify cathodic is off. Comply with all NMOCD/COGCC, BLM, and HEC safety and environmental regulations. Scope location for base beam. If unable to use base beam, test rig anchors prior to moving in rig. **Before RU, run slickline to check for and remove any downhole equipment. If an obstruction is found and cannot be recovered, set a locking 3-slip-stop above the obstruction in the tubing.**

3. MIRU workover rig. Check casing, tubing, and bradenhead pressures and record them in WellView.

4. RU Baker Hughes, pump SX9252 H2S scavenger at 20 gal down the casing and 5 gal down the tubing with KCl flush.

Well records show H2S ppm ranging 14-45 ppm

5. Remove existing piping on casing valve. RU blow lines from casing valves and begin blowing down casing pressure. Kill well with treated fresh or 2% KCl water as necessary.

6. ND wellhead and NU BOPE. Test and chart BOPs as per regulations. PU and remove tubing hanger. LD ~5 joints and PU 4-1/2" casing lock-set packer. Set packer ~40' below wellhead, load casing with water, and test above packer to test wellhead seals to 600 psi. If test fails, LD 5 jts tubing and replace wellhead/seals as necessary. PU tubing and retrieve packer.

7. Review wellhead work with NMOCD once completed. Call Monica at 505-334-6178 ext 123 or 505-320-0243.

8. RU Tuboscope unit to inspect tubing. TOOH with tubing (per pertinent data sheet). LD and replace any bad joints and record findings in WellView *(joint # and/or depth(s) of bad jts)* . Make note of corrosion, scale, or paraffin and save a sample to give to engineering for further analysis.

9. Continue downhole to assess current downhole equipment and piping.Review any potential wellbore changes with the NMOCD before proceeding.

10. Ensure barriers are holding. RD rig floor, ND BOPE, NU Wellhead. Pressure test tubing slowly with an air package as follows: pump 3 bbl. pad with inhibitor, pressure tubing up to 500 psi, and bypass air. Monitor pressure for 15 min., then complete the operation by pumping off the expendable check at +/-700 psi. Note in WellView the pressure in which the check pumped off. Purge air as necessary. Circulate well around if needed.

11. Notify MSO and area Lead that well is ready to be returned to production. Verify cathodic is back online. RDMO.

Hilcorp
BEAVER LODGE COM 2A
Expense - Bradenhead Repair

Hilcorp Energy Company

Schematic - Current

Well Name: BEAVER LODGE COM #2A

API / UWI	Surface Legal Location	Field Name	License No.	State/Province	Well Configuration Type
3004523048	T31N-R11W-S36	Blanco Mesaverde		New Mexico	Vertical
Original KB/RT Elevation (ft)	**KB-Tubing Hanger Distance (ft)**	**Original Spud Date**	**Rig Release Date**	**PBTD (All) (ftKB)**	**Total Depth All (TVD) (ftKB)**
5,897.00		11/15/1978 00:00	11/22/1978 00:00	Original Hole - 5,172.0	

Most Recent Job

Job Category	Primary Job Type	Secondary Job Type	Actual Start Date	End Date
Well Maintenance	SWI		5/15/2017	5/15/2017

TD: 5,189.0

Vertical, Original Hole, 10/3/2018 2:43:09 PM

MD (ftKB)	TVD (ftKB)	Vertical schematic (actual)
12.1		
212.9		
214.9		1; Surface; 9 5/8 in; 8.92 in; 12.0 ftKB; 215.0 ftKB
215.9		
217.8		
923.9		Squeeze Holes; 924.0; 12/1/1995
930.1		Tubing; 2 3/8 in; 4.70 lb/ft; J-55; Ran same pipe in hole. Consider junked condition for btm 20+ jts.; 12.0 ftKB; 3,366.4 ftKB
2,714.9		TOL @ 2,715'
2,717.8		
2,860.9		
2,862.9		2; Production; 7 in; 6.46 in; 12.0 ftKB; 2,863.0 ftKB
3,366.5		
3,429.1		
4,019.0		Tubing; 3,429.0-4,314.6; FISH LEFT IN HOLE 10/14/2015. 27 jts 2-3/8" J-55 EPC tbg.
4,025.9		Perforated; 4,026.0-4,254.0; 12/22/1978
4,253.9		
4,314.6		Packer; 4,314.6-4,321.6; FISH LEFT IN HOLE 10/14/2015. 4-1/2" Mod "R" pkr.
4,321.5		Tubing; 4,321.6-4,739.9; FISH LEFT IN HOLE 10/14/2015. 13 jts 2-3/8" J-55 tbg
4,515.1		Perforated; 4,515.0-4,622.0; 12/22/1978
4,622.0		
4,708.0		Seat Nipple; 4,739.9-4,741.4; FISH LEFT IN HOLE 10/14/2015. 2-3/8" Seat Nipple w/2-3/8" Notched Collar
4,739.8		Perforated; 4,708.0-5,101.0; 12/22/1978
4,741.5		Fish; 4,903.0-5,057.0; FISH LEFT IN HOLE: 1 - DC (3-1/8" OD X 1" ID), JARS (3-1/8" OD X 1" ID), FLOAT SUB (3-1/8" OD X 1/16" ID), BUMPER SUB (3-1/8" OD X 1" ID), OVERSHOT (2-7/8" OD X 1" ID), CUTOFF 2-3/8" TBG SUB (6'), STRING FLOAT ((3-1/16" OD), 1 JT 2-3/8" TBG, XO, 2 - DC (3-1/8" OD X 1" ID), BIT SUB (2-3/8" OD) & 3-7/8" BIT. FISH 153.74'.
4,742.1		
4,902.9		
5,057.1		Fill; 5,057.0-5,172.0
5,101.0		
5,171.9		PBTD; 5,172.0
5,187.0		
5,189.0		3; Liner; 4 1/2 in; 4.05 in; 2,715.0 ftKB; 5,189.0 ftKB

Surface Casing Cement; 12.0-215.0; 11/16/1978; CMT'D CSG W/190 SX CLAS B CMT W/3% CACL2 + 1/4 #/SX CELLOFLAKE (MIXED @ 15.6 PPG & 1.18 CU FT/SX). CIRC 5 BBLS CMT TO SURF.

Cement Squeeze; 216.0-924.0; 12/1/1995; PERF'D 4 SQZ HOLES @ 924'. SQZ'D W/300 SXS CLASS G CMT W/2% CACL2 (MIXED @ 15.6 PPG & 1.18 CU FT/SX). FINAL SQZ PRESS 1,500 PSIG. REV OUT 2 BBLS CMT. DID NOT CIRC CMT TO SURF. RAN GR/CCL/CBL LOG. TOC @ 216'.

Production Casing Cement; 930.0-2,863.0; 11/19/1978; CMT'D W/LEAD 190 SX 65/35/6 CLASS B CMT/POZ/GEL W/2% CACL2 FOLLOWED BY TAIL 100 SX CLASS B CMT W/2% CACL2 (MIXED @ 15.6 PPG, 1.18 CU FT/SX). LOST CIRC AFTER PPG 110 BW DISPLACEMENT. DID NOT CIRC CMT TO SURF. 12/1/95 CBL SHOWED GOOD CMT BOND TO 1,320'. POOR QUALITY CMT BOND & CMT STRINGERS TO 930'. TOC 930'.

Liner Casing Cement; 2,715.0-5,189.0; 11/22/1978; CMT'D W/311 SX 50/50 CLASS B CMT/POZ W/0.6% HALAD-9, 6-1/4 PPS GILSONITE & ¼ PPS FLOCELE (MIXED @ 13.1 PPG, 1.39 CU FT/ SX). SET SEALS ON LINER HANGER. STUNG OUT ON LINER HANGER. REV CIRC 20 BBLS CMT OFF LINER TOP.

Hydraulic Fracture; 12/23/1978; A. W/2,000 GALS 15% HCL AC + BS. BALLED OFF. CALC ALL PERFS NOT OPEN. PPD 2ND ACID JOB 3,000 GALS & BS. BALLED OFF PERFS. F. W/83,000 GALS WTR CARRYING 45,000# 20/40 SD.

Hydraulic Fracture; 12/22/1978; A. W/2,000 GALS 15% HCL + 56 BS. AIR 56 BPM. ATP 2,600 PSIG. MAX TP 2,800 PSIG. GOOD BALL ACTION. DID NOT BALL OFF. ISIP VAC. F. W/157,500 GALS WTR CARRYING 87,500# 20/40 SD.

Liner Casing Cement (plug); 5,172.0-5,189.0; 11/22/1978; CMT'D W/311 SX 50/50 CLASS B CMT/POZ W/0.6% HALAD-9, 6-1/4 PPS GILSONITE & ¼ PPS FLOCELE (MIXED @ 13.1 PPG, 1.39 CU FT/ SX). SET SEALS ON LINER HANGER. STUNG OUT ON LINER HANGER. REV CIRC 20 BBLS CMT OFF LINER TOP.