UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

# RECEIVED

AUG 25 2010

Revised

|           | Sundry Notices and Reports on Wells   | Farmington Field Office<br>Bureau of Land Management   |
|-----------|---|--|
| 1.        | Type of Well GAS  | 5. Lease Number<br>SF-078020<br>6. If Indian, All. or<br>Tribe Name  |
| 2.        | Name of Operator BURLINGTON   | 7. Unit Agreement Name<br>Huerfano Unit  |
| 3.        | RESCURCES OIL & GAS COMPANY LP  Address & Phone No. of Operator   | 8. Well Name & Number<br>Huerfano Unit 190   |
|           | PO Box 4289, Farmington, NM 87499 (505) 326-9700  | 9. API Well No.  |
| 4.<br>Sur | Location of Well, Footage, Sec., T, R, M<br>rf: Unit B (NWNE), 1025' FNL & 1840' FEL, Section 1, T25N, R10W   | 30-045-20419  10. Field and Pool  7, NMPM  Basin DK  11. County and State San Juan Co., NM                         |
| 12.       | Subsequent Report Plugging No  Casing Repair Wa   | ICE, REPORT, OTHER DATA  lange of Plans X Other – MIT  on-Routine Fracturing later Shut off onversion to Injection |
|           | Describe Proposed or Completed Operations   | RCVD AUG 30 '10<br>OIL CONS. DIV.  |
|           | e attached procedures and wellbore schematic.  I hereby certify that the foregoing is true and correct.  ned Rhonda Rogers  | DIST. 3  Title Staff Regulatory Technician Date 8/24/1   |
| AP<br>CO  | uis space for Federal or State Office use) PROVED BY Original Signed: Stephen Mason Title NDITION OF APPROVAL, if any: 18 U S C Section 1001. makes it a crime for any person knowingly and willfully to make any department or agency of nited States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction | DateAUG 2 6 2010   |

**Revised Location** 

## ConocoPhillips HUERFANO UNIT 190 Expense - MIT

Lat 36° 26' 4.56" N

Long 107° 50' 39.588" W

#### **PROCEDURE**

### Notify OCD 24 hours ahead to witness MIT testing, call @ 334-6178 ext.# 116

- 1. Hold pre-job safety meeting. Comply with all NMOCD, BLM, and COPC safety and environmental regulations. Test rig anchors prior to moving in rig.
- 2. MIRU work over rig. Check casing, tubing, and bradenhead pressures and record them in Wellview.
- 3. RU blow lines from casing valves and begin blowing down casing pressure. Kill well with 2% KCl, if necessary.
- 4. ND wellhead and NU BOPE. PU and remove tubing hanger and tag for fill, adding additional joints as needed (tubing currently landed @ 6713', PBTD @ 6831') . Record fill depth in Wellview.
- 5. TOOH with tubing (details below).

| Number | Description                |
|--------|----------------------------|
| 211    | 2-3/8" Tubing joint        |
| 1      | 2-3/8" pup joint (2.1')    |
| 1      | 2-3/8" tubing joint        |
| 1      | 2-3/8" F nipple (ID 1.78") |
| 1      | 2 -3/8 Mule Shoes          |
|        | 1                          |
|        | l                          |

- 6. Round trip w/ watermelon mill, clean to PBTD @ 6831'.
- 7. RIH with RBP and packer. Set RBP 50' above perfs @ 6592', then set packer @ 6582' and pressure test RBP @ 560 psi. If RBP tests release packer and test casing @560 psi. Record on chart.
- 8. If pressure test fails isolate casing leak with packer. If test is successful, release RBP and TIH with RBP and packer.
- 9. TIH with tubing using Tubing Drift Procedure. (detail below).

#### Recommended

| TCCCTTMTCTGCG     |        |  |
|-------------------|--------|--|
| Tubing Drift ID:  | 1.901" |  |
| Land Tubing At:   | 6713'  |  |
| Land F-Nipple At: | 6711'  |  |

| Number | Description                |
|--------|----------------------------|
| 1      | 2 -3/8 Expandable Check    |
| 1      | 2-3/8" F nipple (ID 1.78") |
| 1      | 2-3/8" tubing joint        |
| 1      | 2-3/8" pup joint (2.1')    |
| 211    | 2-3/8" Tubing joint        |
|        | 1                          |
|        | į                          |
|        | 1                          |

- 10. If there is an air package on location, skip to the next step. Run standing valve on shear tool, load tubing, and pressure test to 500#. Monitor pressure for 15 mins, and make a swab run to remove the fluid from the tubing. Retrieve standing valve.
- 11. ND BOPE, NU Wellhead. Pressure test tubing slowly with an air package as follows: pump 3 bbls pad, drop steel ball, pressure tubing up to 500 psi, and bypass air. Monitor pressure for 15 mins., then complete the operation by pumping off the expendable check. Note in Wellview the pressure in which the check pumped off. Notify the MSO that the well is ready to be turned over to Production Operations. Make swab run to kick-off the well, if necessary, then RDMO.

**Tubing Drift Check** 

- 1. Set flow control in tubing. With air, on location, use expendable check. With no air on location, use wire line plug.
- 2. RU drift tool to a minimum 70' line. Drift tool will have an OD of at least the API drift specification of 1.901" for the 2 3/8",4.7# tubing, and will be at least 15" long. The tool will not weigh more than 10# and will have an ID bore the length of the tool, so fluids may be pumped through the tool if it becomes stuck.
- 3. Drop the tool into the tubing string and retrieve it after every 2 joints of tubing ran in hole. If any resistance to the tool movement is noticed, going in or out, that joint will be replaced.
- 4. In order to stimulate the plunger lift operation, all equipment must be kept clean and free of debris.

The drift tool should be measured with calipers before each job, to ensure the OD is the correct size for the tubing being checked. The maximum allowable wear of the tool is .003".

Current Schematic ConocoPhillips Well Name: HUERFANO UNIT #190 APT/UNIII 3004520419 Crossd Electros (18 hdit NMPM,001-025N-010W NEW MEXICO HAR-Crosted District (18) KN Yibba Hauger Okt see Of 6,798.00 6,808 00 10 00 Well Config. - Original Hole, 8/17/2010 3:28,43 PM (MD) Schematic - Actual Frm Final Surface Casing Cement, 10-232, 3/22/1969. 10 Cemented with 160 sxs Class A. Circulated 231 to surface. Surface, 8 5/8in, 8 097in, 10 ffKB, Set depth -adjusted from 12 KB to production KB of 232 10° 232 HKB 236 1,213 OJO ALAMO, 1,213 1,420 - KIRTLAND, 1,420 1,817 - FRUITLAND 1.817 -Production Casing Cement, 1,855-2,328, 2,160 PICTURED CLIFFS, 2,160 4/2/1989, 3rd Stage: Lead with 115 sxs Class C and tailed with 50 sxs Class C neat Top of cement @ 1655 per cement top calc. 2.326 Cement Squeeze, 3,810-3,870, 3/31/2009, 2,328 Tubing, 2 3/8in, 4 70lbs/ft. J-55. No pressure test. 300 psi squeeze, 3,810-3,870, 4/4/2009. 3,730 10 fKB 6,678 fKB MESAVFRDE, 3,730 -Pressure test to 500# Record on chart. 4.653 POINT LOOKOUT, 4,653 Production Casing Cement, 4.081-4.925. 4,924 4/2/1969, 2nd Stage: Lead with 165 sxs Class C and tailed with 50 sxs Class C neat 4,925 Top of cement @ 4061' per cement top calculation: 5,715 -- GALLUP, 5,715 ---6,540 - CREENHORN, 6,540 6.598 GRANEROS, 6,596 Tubina Pup Joint, 2 3/8in. 6,642 4.70lbs/ft, J-55, 6,678 ftKB, 6,680 ftKB 6,677 Hydrautic Fracture, 4/3/1969, Frac'd with 50,000# of 40/60 6.680 send and 53,550 gals water. Tubing, 2 3/8in, 4 70lbs/ft, J-55, DAKOTA, 6,642-6,731, 4/3/1969 6,695 DAKOTA, 6,695 6,680 ftKB, 6,711 ftKB 6,711 F-Nipple, 2 3/8in, 6,711 ftKB, 6,712 ftKB Mule Shoe, 2 3/8in, 6,712 ftKB. 1 6.712 6,713 ftkB 6,713 6,731 6.625 Production Casing Cement, 5,868-6,837, 4/2/1969, 1st Stage: Cemented with 250 sxs 50/50 Class A Poz Top of cement @ 5868° per cement top calculation /PBTD, 6,831-6,837, 4/2/1969 6,826 6,831 PBTD, 6,831 6.836 Production, 4 1/2in, 4 052in, 10 ftKB, 6,837 6,837 6,840 TD, 6,840, 4/2/1969 -Cement plug, 6,837-6,840, 4/2/1969 Page; 1/1 Report Printed: 8/17/2018