

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

RECEIVED**FEB 17 2011**Farmington Field Office
Bureau of Land Management**Amended**

Sundry Notices and Reports on Wells

1. Type of Well
GAS

2. Name of Operator
BURLINGTON
RESOURCES OIL & GAS COMPANY LP

3. Address & Phone No. of Operator

PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M

Surf: Unit B (NWNE), 1025' FNL & 1840' FEL, Section 1, T25N, R10W, NMPM

5. Lease Number
SF-078020
6. If Indian, All. or
Tribe Name
7. Unit Agreement Name
Huerfano Unit
8. Well Name & Number
Huerfano Unit 190
9. API Well No.
30-045-20419
10. Field and Pool
Basin DK
11. County and State
San Juan Co., NM

**12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA**

Type of Submission

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment

Type of Action

☐ Abandonment

☐ Recompletion

☐ Plugging

☐ Casing Repair

☐ Altering Casing

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut off

☐ Conversion to Injection

☒ Other -- MIT & set pkr

13. Describe Proposed or Completed Operations

This NOI is to replace the NOI filed 8/24/10 to conduct MIT. Per Charlie/OCD if the yearly MIT with pkr in fails the pkr is to be remove and a MIT is to be ran on the wellbore from 100' above production perfs and leaks isolated and fix.

See attached procedures and wellbore schematic.

14. I hereby certify that the foregoing is true and correct.

Signed Rhonda Rogers Rhonda Rogers Title Staff Regulatory Technician Date 2/17/11

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title _____

Date **FEB 18 2011**

CONDITION OF APPROVAL, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Revised Location

NMOCD

[Signature]

ConocoPhillips
HUERFANO UNIT 190 (DK)
Expense - MIT

Lat 36° 26' 4.56" N

Long 107° 50' 39.588" W

Prepared by: Tatyana Carr

Date: February 14, 2011

Scope of Work: to perform a MIT and install a packer at 4200' to enable future rigless MIT's.

Est. Rig Days: 4
Est. Uplift: 36 MCFD

Area: 21
Formation: DK

Route: 152

WELL DATA

API: 3004520419

Spud Date: 3/22/1969

LOCATION: 1025' FNL & 1840' FEL, Spot B, Section 01 -T 025N - R 010W

PBTD: 6831' Total Depth: 6840' TBG Depth: 6713' KB: 10'
BTM Perf: 6731' EOT to PBTD: 118' BTM Perf to PBTD: 100'

Perforations: DK: 6642' - 6731'

Tubular	OD	Weight (lbs)	Grade	Connection	ID	Drift ID	Depth
Casing	8 5/8"	24	J-55	STC	8.097"	7.972"	232'
Casing	4 1/2"	10.5	J-55	LTC	4.052"	3.927"	6837'
SN	2 3/8"					1.780"	6711'
Tubing	2 3/8"	4.7	J-55	EUE	1.995"	1.901"	6713'
Mule_Shoe	2 3/8"						6712'

Well History/Justification

The Huerfano Unit #190 was drilled in 1969 as a stand alone Dakota producer. Production from the Huerfano Unit #190 fell off and began requiring periodic swabbing due to water loading. MIT was performed and determined the well to have a casing leak. A cement squeeze was performed on 3/31/2009 and failed following pressure test. Permission was obtained from NMOCD and a 300 PSI Seal maker squeeze was performed on 4/4/2009 and passed 500 psi pressure test recorded on chart. As a result of the use of the 300 PSI chemical squeeze, we are obligated to perform an annual MIT to ensure the integrity of the seal and the casing. However, production from the well is not enough to economically support the yearly expense of rig cost to pull tubing and perform MIT.

We propose performing a standard MIT from 6600' to surface by pulling tubing and setting packer 50' above top perforation. If the MIT fails, depending on results, it will be decided to repair the well or to begin abandonment procedure. If the MIT passes, we propose setting a packer at 4200' (139' below cement top 4061' - 4965') which is below previous 300 PSI casing repair in order to enable annual surface MIT testing (without need for expensive rig). A depth of 4200' was selected as it is critical that the packer placement be high enough in the wellbore to supply enough annular compressible volume required to propel a plunger with liquid to the surface. Setting a packer lower would only result in inability to operate a plunger and produce the well.

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

Use Tuboscope Unit to inspect tubing and record findings in Wellview. Make note of corrosion, scale, or paraffin

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 the RBP @560 psi. If RBP tests release packer and test casing @560. Record on chart.
8. If pressure test fails, release packer and isolate the casing leak. **Contact engineer to get further instructions.**
9. If casing test is successful, retrieve the RBP and TOOH with RBP and packer.
10. TIH with the following configuration: **NOTE install packer at 4200'**

Recommended

Tubing Drift ID:

Land Tubing At:	6713'
Land F-Nipple At:	6711'

Number	Description
1	Expandable Check
1	2-3/8" F-nipple
1	2-3/8" full tubing joint
1	2-3/8" pup joint (4.1')
80	2-3/8" tubing joints
~x	2-3/8" Tubing pup joints (as necessary to achieve desired depth of 4200')
1	Lockset Type Packer @ 4200'
140	2-3/8" tubing joints

11. Call Nalco and fill the backside with packer fluid.

12. 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

API#/UWI#	Surface Legal Location	Field Name	License No.	State/Province	Well Configuration Type	Est
0004520419	NMPM,001-025N-010VV	BASIN/UNIT# (PERMITTED GAS)		NEW MEXICO		
Ground Elevation (ft)	Original KB/RT Elevation (ft)	KB-Grout Distance (ft)	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)		
6,798.00	6,808.00	10.00				

Well Config: - Original Hole, 8/17/2010 3:28:43 PM

