

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

JUN 04 2008

Sundry Notices and Reports on Wells

Bureau of Land Management
Farmington Field Office

1. Type of Well
GAS

5. Lease Number
NMSF-078197
6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

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

8. Well Name & Number
Feuille A 5E

9. API Well No.

30-045-26249

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

Unit K (NESW), 1510' FSL & 1690' FWL, Section 4, T29N, R10W, NMPM

10. Field and Pool
Basin Dakota
Blanco Mesaverde
Otero Chacra
11. County and State
San Juan Co., NM

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

Type of Submission

Type of Action

☒ Notice of Intent

☐ Abandonment

☐ Change of Plans

☒ Other - MIT, Water Isolation

☐ Subsequent Report

☐ Recompletion

☐ New Construction

☐ Plugging

☐ Non-Routine Fracturing

☐ Casing Repair

☐ Water Shut off

☐ Final Abandonment

☐ Altering Casing

☐ Conversion to Injection

13. Describe Proposed or Completed Operations

Burlington Resources plans to perform a MIT on the 4 1/2" production casing; isolate and squeeze off the water producing zone per the attached procedures.

RCVD JUN 11 '08

OIL CONS. DIV.

DIST. 3

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

Signed Tamra Sessions Tamra Sessions Title Regulatory Technician Date 6/04/2008

(This space for Federal or State Office use)

APPROVED BY [Signature] Title Petr. Eng. Date 6/9/08

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.

NMOCD

ConocoPhillips
Feuille A 5E (CH/MV/DK)
MIT and Water Zone Isolation

Lat 36° 45' 9" N Long 107° 53' 23" W

RECEIVED
JUN 04 2008
Bureau of Land Management
Farmington Field Office

Prepared By: Karen Mead
BAE Peer review/approved By: Dennis Wilson

Date: 05/21/2008
Date: XX/XX/2008

Scope of work: The intent of this procedure is to perform a mechanical integrity test (MIT) on the 4 1/2" production casing, identify the water producing zone and squeeze it off once isolated and clean out the wellbore to PBTD. The water producing zones are thought to be the Chacra and Menefee but the Dakota will also be analyzed.

Remaining reserves: CH (0 MMscf), MV (220 MMscf), DK (0MMscf)

Est. Cost:

Est. Rig Days: 8

WELL DATA:

API: 30045262490000

Location: 1510' FSL & 1690' FWL, Unit K, Section 04- T29N - R10W

PBTD: 6954' **TD:** 6975'

Perforations: 3018'- 3594' (CH), 4028'-4524' (Mnfee), 4583'-4785' (PTO). 6679'-6773' (DK).

Well History: The Feuille A #5E is a well that was drilled and completed in 1985 as a stand-alone Dakota. In 1999 and into 2000, the Menefee and Point Lookout of the Mesaverde were added. In September of 2001, the Chacra was added. When they first rigged on the well during the workover, they found the tubing stuck. They freepoint cut it @ 4263' (MN). They used acid and a mill to get the tubing out. Scale was milled from 4284'-4349' (MN). They continued to perf and frac the Chacra and had water and fill issues during the completion. A tubing repair was performed on 2/17/2005. Again, the tubing was stuck, 100% at 4100' (MN). They cut the tubing @ 4065' and fished using acid two different times to help get the tubing out. They noted scale at about 3706' (Ch water causing scale?). They milled scale from 4112'-4220' (MN). Milled more scale from 4293'-4383' (MN). Another rig job was performed on 3/9/2007 to install a jet pump. Tagged 100' of fill. The tubing was not stuck but heavy scale noted at 3010' (CH) and 4034'-4553' (MN). They used acid and cleaned out the wellbore. The jet pump was canceled due to the scale and new tubing landed and the well returned to production. There is a treatment tank on the well but Champion has not record of treating this well.

B2 Adapters are required on all wells other than pumping wells.

Artificial lift on well (type): Plunger Lift (currently not working)

Est. Reservoir Pressure (psig): 1600psi (DK)

Well Failure Date: June 2007

Current Rate (mcfd): 0 **Est. Rate Post Remedial (mcfd):** 100

Earthen Pit Required: yes

Special Requirements: 2 hour chart for MIT

Production Engineer: Karen Mead Office: (505)324-5158, Cell: (505)320-3753

PE Backup: Douglas Montoya Office: (505)599-3425, Cell: (505)320-8523

MSO: Cherri Ivy Cell: (505)947-9300

Lead: Donnie Thompson Cell: (505)320-2639

Area Foreman: Terry Nelson Cell: (505)320-2503

ConocoPhillips
Feuille A 5E (CH/MV/DK)
MITand Water Zone Isolation

Lat 36° 45' 9" N Long 107° 53' 23" W

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PROCEDURE:

1. Hold pre-job safety meeting. Comply with all NMOCD, BLM, and COP safety and environmental regulations. Test rig anchors prior to moving in rig. Last rig date was March of 2007.
2. MIRU workover 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. Avoid putting water on the well if possible, however kill well with 2% KCl or produced water if necessary.
4. ND wellhead and NU BOP's. Unseat donut, remove hanger, and pull 2-3/8" tubing, Tag for fill, add additional joints as necessary. PBTD @ 6954', Bottom perf @ 6773'. TOOH with tubing (detail below). Tubing is currently landed @ 6749' KB.

Top to Bottom:

(217 jts) 2-3/8", 4.7#, J-55
(1) 2-3/8" x 2' 4.7# J-55 pup joint
(1 jt) 2-3/8" 4.7# J-55 tubing
(1) 2-3/8" Seat Nipple set @ 6747'
(1) 2-3/8" mule shoe pup joint set @ 6749'

5. Visually inspect tubing and record findings in Wellview. Make note of corrosion or scale. Please notify engineer of any unusual findings.
6. Pick up RBP and packer for a 4-1/2" 10.5# K-55 casing and TIH on 2 3/8" tubing and set RBP @ 2970' (~48' above top Chacra perfs), set a packer to test RBP to 500psi for 10 min, unset packer and perform MIT on the 4 1/2" casing, pressure test to 500 psi for 30 min, record test on a 2 hour chart (if MIT fails, be ready for a squeeze job).

Note: notify Production Engineer about MIT results. TOC @ 600' by TS.

7. Retrieve RBP and reset @ ~4554', unlatch tubing from RBP, test RBP to 500 psi for 10 min and PU tubing to ~4525' which is right below bottom Menefee perf @ 4524'(to test production of Chacra and Menefee), and blow well for 4 hours and monitor water production. Contact Production engineer and provide results of the test before moving ahead.
8. Latch onto RBP and move uphole to 3980', test RBP to 500 psi for 10 min and PU tubing to ~ 3595' which is right below bottom CH perf @ 3594' (to test water production of Chacra). Blow well for 4 hours and monitor water production. Contact Production engineer and provide results of the test before moving ahead. Latch on and retrieve RBP, TOOH.
9. If the liquid production of the well obtained in steps 7 and 8 (production from Chacra and Menefee intervals) is greater than 15 bbls/day per zone, be prepared to squeeze off

either the Chacra interval, the Menefee interval, or BOTH zones. **Before any cement job, please contact Production Engineer.**

10. Load well with 2% KCL or produced water, RU Cement Company, try to get injection rate, and squeeze off the Chacra and/or Menefee perms.
11. POOH with Packer and tubing.
12. TIH with 3-7/8" bit and drill out excess cement to BP used for cementing but do not drill out plug. TOOH.
13. PU and TIH with RBP and Packer for the 4 1/2" 10.5# K-55 casing, set RBP @ depth to be determined by engineer depending on which zones were squeezed and set a packer to test RBP to 500psi for 10 min, Unset packer and Pressure test squeeze to 500 psi for 15 minutes. Retrieve RBP and TOOH. Call Superintendent and Production Engineer if pressure test fails.
14. Drill out BP and clean out to PBTD @ 6954'. TOOH with tubing and bit.
15. TIH with tubing (detail below). Recommended landing depth is @ 6749' +/- 10' (11' KB, TIH with tubing using Tubing Drift Check Procedure on next page (tubing drift = 1.901" ID).

(1) 2 3/8" Muleshoe with Expendable Check
(1) 2 3/8" x 1.78" "F" Nipple
(1 jt) 2-3/8" 4.7# J-55 EUE Tubing
(1 jt) 2-3/8" x 2' 4.70# J-55 Pup Joint
(~217 jts) 2 3/8" 4.7# J-55 8rd EUE Tubing to surface
16. If fill is encountered, TIH and clean out to PBTD @ 6954'. Blow well with air package to clean well up. If well is making water, catch fluid sample. Continue blowing well until water rates drop.
17. ND BOP. NU wellhead. Set standing valve, test tubing to 1000 psi, pull standing valve, pump off expendable check. Make swab run if necessary to kick off well. Notify lease operator that well is ready to be returned to production. RDMO

Recommended Karen Mead
Production Engineer Karen Mead
Office (505) 324-5158
Cell (505) 320-3753

Approved _____
Expense Supervisor Stan Terwilliger
Office (505) 326-9582
Cell (505) 320-4785

CURRENT SCHEMATIC

ConocoPhillips

FEUILLE A #5E

District NORTH	Field Name BLANCO-MESAVERDE (PRORATED GAS)	API / UWI 3004526249	County SAN JUAN	State/Province NEW MEXICO	Edit
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Original Spud Date	Surface Legal Location	EW Dist (ft)	EW Ref	N/S Dist (ft)	N/S Ref
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Well-Config: Original Hole: 5/21/2008 7:13:36 AM

