UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SEP 24 2009

| | | | | 7 | Solling Management |
|-----|---|--------------------------------|--------------------------------|----------------|---|
| | Sundry Notices and Repor | ts on Wells | | | Farmington Field Office |
| | | | | 5. | Lease Number |
| | | | | | NMNM - 03179 |
| 1. | Type of Well | | | 6. | If Indian, All. or |
| | GAS | | | | Tribe Name |
| | | | | | |
| 2 | Name of Owner to | | | 7. | Unit Agreement Name |
| 2. | Name of Operator | | | | |
| | BURLINGTON | | | | |
| | RESOURCES OIL & | L GAS COMPANY LP | | 0 | VET HAT O AT A |
| | Address 9 Dhana Na a CO | 4 | | - 8. | Well Name & Number |
| 3. | Address & Phone No. of Opera | tor | | | Aztec 8E |
| | PO Box 4289, Farmington, NM | 87499 (505) 326-9700 | | 9. | API Well No. |
| _ | | | | - | 122 7, 022 2, 03 |
| , | Y | T TO ME | | | 30-045-23751 |
| 4. | Location of Well, Footage, Sec., T, R, M | | | | Field and Pool |
| Sm | rf: Unit H (SENE), 1490' FNL & | 1100' FFI Section 14 TO | 28N R11W NMPM | 10. | Field and 1 ooi |
| Jui | iii Ome ii (SEIVE), 1490 FIVE de | 1170 11912, Section 14, 12 | | Raci | n Dakota/Otero Chacra |
| | | | | 11. | County and State |
| | | | | 11, | San Juan Co., NM |
| | | | LONNOTICE PERONE OF | | |
| 12. | CHECK APPROPRIATE BOX Type of Submission Type | . TO INDICATE NATURE of Action | E OF NOTICE, REPORT, O | THER I | DATA |
| / | X Notice of Intent | Abandonment | Change of Plans | X | Other - PB water producing |
| | | | | | Zone |
| | | Recompletion | New Construction | | RCWD SEP 28 '09 |
| | Subsequent Report | Plugging | Non-Routine Fracturing | | السائلة الاستان المستعادة المستعادة المستعادة المستعددة |
| | | Casing Repair | Water Shut off | | THE FRANKS TORK |
| | Final Abandonment | Altering Casing | Conversion to Injection | | OIL CONS. DIV. |
| | | | | | 876. 97 cm, 420 |
| 13. | Describe Proposed or Complete | ed Operations | | | Lait. J |
| Bu | rlington Resources wishes to P/B v | water producing zone w/CIB | P & return well to production. | Attache | ed is the Procedure & Schemat |
| | | | | | |
| | | | | | |
| 14. | I hereby certify that the forego | ing is true and correct. | | | , |
| o:- | - 1 Amy . Good | 1.)// Tami | a Candwin Title - Basyletan | | 9/24/09 |
| Sig | nedl JUMW (700Cl) | Jaini | e Goodwin Title Regulatory | y <u>recnn</u> | ician Date 1104101 |
| | () | | | | , |
| (Tł | his space for Federal or State Office | e use) | | | 0FD 2 4 0000 |
| ÀΡ | is space for Federal or State Offic PROVED BY Original Signed: St | tephen MasonTitle | | | DateSEP 2 4 2003 |
| CO | NDITION OF APPROVAL, if an | y: | | | |
| | 18 U.S.C. Section 1001, makes it a crime for any person nited States any false, fictitious or fraudulent statements | | | | |
| | | | | | |





ConocoPhillips AZTEC 8E Water Shut Off

Lat 36° 39' 55.116" N

Long 107° 58' 3.828" W

PROCEDURE

- 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 @ 6377', PBTD @ 6440') . Record fill depth in Wellview.
- 5. If fill is tagged, PU bailer and CO to PBTD (6440'). If fill is too hard or too much to bail, utilize the air package. Call Production Engineer to inform how much fill was tagged and therefore confirm/adjust landing depth.
- 6. TOOH with tubing (details below). LD tubing bailer (if applicable). Number joints as they are TOOH. (Joint #1 = top joint)

| Number | Description | | |
|--------|--|--|--|
| 207 | 2-3/8" 4.7# J-55 Tubing Joints | | |
| 1 | 2-3/8" 4.7# J-55 Pup Joint (2') | | |
| 1 | 2-3/8" 4.7# J-55 Tubing Joint 2-3/8" Seat Nipple (ID 1.78") | | |
| 1 | 2-3/8" Seat Nipple (ID 1.78") | | |
| 1 | 2-3/8" Expendable Check | | |
| | | | |

Visually inspect tubing and record findings in Wellview. Make note of corrosion or scale. LD and replace any bad joints. If needed, contact Rig Superintendent or engineer for acid, volume, concentration, and displacement volume.

- 7. TIH with tubing, packer, and a 4-1/2" CIBP. Set the CIBP 50' above the Dakota formation at 6200'. Run up hole to 6150' and test the CIBP with the packer. If test fails set another CIBP. If test passes, move to step 8.
- 8. Set packer at 3215' (50' below the Chacra formation) and MIT the casing between 3215' and 6200'. (Pressure the casing to 500 psig and watch for 30 minutes while recording on a 2 hr chart. If the pressure drops more than 50 psig, the test failed.)
- 9. Run up hole with the tubing and packer and set the packer at 2601'. Conduct an MIT on the backside of the tubing from 2601' to surface. (Pressure the casing to 500 psig and watch for 30 minutes while recording on a 2 hr chart. If the pressure drops more than 50 psig, the test failed.)
- 10. If the MIT from step 7 failed, locate the leak and squeeze the casing appropriately. **If the MIT from step 7** passes, continue to step 10.
- 11. If the MIT from step 8 failed (In order to test that the packer was working correctly): RIH with wireline and set CIBP 50' above the Chacra formation at 2601'. TOOH with wireline and TIH with tubing. Conduct an MIT on the casing above the Chacra formation. (Pressure the casing to 500 psig and watch for 30 minutes while recording on a 2 hr chart. If the pressure drops more than 50 psig, the test failed.) If the test fails, locate the leak and squeeze the casing appropriately. If the MIT from step 8 passed, continue to step 11.

- 12. Mill out CIBP at 2601' (If applicable). TIH with tubing to 2825' and conduct a flow test on the Chacra formation. Blow the well clean with the air package and monitor gas and water rates for 4 hours. Notify the Production Engineer of the results of this test.
- 13. Mill out the CIBP at 6200'. TOOH with tubing.
- 14. TIH with tubing using Tubing Drift Procedure. (detail below). Record the joint numbers as you TIH.

Recommended

| Tubing Drift ID: | 1.901" |
|-------------------|--------|
| Land Tubing At: | 6340' |
| Land F-Nipple At: | 6338' |

| Number | Description | | |
|--------------|---|--|--|
| 1 | 2-3/8" Expendable Check | | |
| 1 | 2-3/8" F-Nipple (ID 1.78") | | |
| 1 | 2-3/8" 4.7# J-55 Tubing Joint | | |
| 1 | 2-3/8" 4.7# J-55 Pup Joint | | |
| ~203 | 2-3/8" 4.7# J-55 Tubing Joints | | |
| As Necessary | 2-3/8" 4.7# J-55 Pup Joint | | |
| 1 | 2-3/8" 4.7# J-55 Pup Joint 2-3/8" 4.7# J-55 Tubing Joint | | |
| | _ | | |

- 15. Run standing valve on shear tool, load and pressure test tubing to 1000 psig. Pull standing valve.
- 16. ND BOP, NU wellhead, blow out expendable check. Make swab run if necessary to kick off well. Notify Lease operator to retun to well production. RDMO.

Tubing Drift Check

Procedure

- 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".

| | ocoPhillips Name: AZTEC#8E | | Currer | it Schematic | |
|--------------------------------------|--|------------------------|-----------------------------------|--|---|
| (PT/UVI) 30045237 31011d Eleva | Strace Legal Location Field in 751, NMPM, 014-028N-011VV examinor (fig. 10) | ∷ KB-Grot | eureo cas) ad Distance (fi): | ISE No. State/Froutice: NEW MEXICO MB-Casting (Flange, Distance, m) | KB-Triblig Hanger Distance (ft) |
| ftKB (MD) | Well-Co | | 30045237 <i>5</i> matic - Actu | | Frm Final |
| 15 | and the second s | وسال الماليات الماليات | الأعلى المساورة | Surface Casing Cement, 15-240, 10/1 | |
| 239 | | | | Cemented w/175 sx Class B cement. Circulated 5 bbls cement to surface. | |
| 240 | | | | Surface, 8 5/8in, 8.097in, 15 ftKB, Adj hole & csg depth for a 15.40' KB from | |
| 243 | | | | 17.10' KB., 240 ftKB | 9 |
| 819 | | a 10 | | , | OJO ALAMO, 819 — |
| | | a D | | | |
| 1,470 | | | | Production Casing Cement, 550-2,010 | DIOTUDED OLIFER 4 700 |
| 1,766 | | | | 11/5/1979, Cemented 3rd stage w//31 / Class B 50/50 poz. TOC @ 550' by TS | |
| 2,008 | | 1 1 | | 10/21/1979. Squeeze Hole, 2,610, 1/8/2004 | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |
| 2,010 | | | | / Cement Squeeze, 2,576-2,610, 1/8/20 | |
| 2,610 | Hydraulic Fracture, 1/13/2004, | T | | -/Cemented squeeze hole @-2610'-w/1 Type III cement. TOC @ 2027' w/75% | |
| 2,651 | Frac'd w/ 611 bbls gel; 199;420# | 4 | | Chacra, 2,651-3,097, 1/14/2004 | , , , , , , , , , |
| 3,097 | N2. | al | | Squeeze Hole, 3,165, 1/8/2004 Cement Squeeze, 3,090-3,165, 1/8/20 | 04, |
| 3,165 | Tubing, 2 3/8in, 4.70lbs/ft, J-55, 15 ftKB, 6,343 ftKB | | • | Cemented squeeze hole @-3165' w/1 Type III cement. | i50 sx |
| 3,348 - | | | | | |
| 4,148 - | Mark Applies according to the American American American American American American American American American | | | | POINT LOOKOUT, 4,148 - |
| 4,526 | . , ,, , , , ,, ,, | | | Production Casing Cement, 3,814-4,52 11/5/1979, Cemented 2nd stage w/ 18 | |
| 4,529 | | | | Class B 50/50 poz. TOC @ 3814' w// eff. | |
| 5,367 | ~~~~~~~ | a l | | | GALLUP, 5,367 |
| 6,240 | Hydraulic Fracture, 1/5/1980, Frac'd w/ 74,172 gals 30# gel; , | | | | |
| 6,250 | 63,800# 20/40 sand. \ Tubing Pup Joint, 2 3/8in, \ | 4 L | | | *************************************** |
| 6,297 | 4.70lbs/ft, J-55, 6,343 ftKB, 6,345 | 4 1 | | Delate 6 250 6 416 4 MM 000 | |
| 6,343 | Tubing, 2 3/8in, 4.70lbs/ft, J-55, | 4 | | Dakota, 6,250-6,416, 1/4/1980 | |
| 6,344 | 6,345 ftKB, 6,376 ftKB Seat Nipple, 2 3/8in, 4.70lbs/ft, | 4 | | | |
| 6,376 | J-55, 6,376 ftKB, 6,377 ftKB | 羽 片 | | * **** * * * * * * * * * * * * * * * * | |
| 6,377 | Expendable Check, 2 3/8in, 4.70lbs/ft, J-55, 6,377 ftKB, 6,377 | 40 | 7 | ***** * * * * * * * * * * * * * * * * | |
| 6,377 | ftKB = | * | 掛 | | |
| 6,416 | 0 _ | | | | |
| 6,439 | | | | Production Casing Cement, 5,432-6,4 11/5/1979, Cemented 1st stage w/ 27 | |
| 6,440 | PBTD, 6,440 | | | ∫ Class B 50/50 poz. TOC @ 5432' w/ | l l |
| 6,480 | | | | /Plugback, 6,440-6,481, 11/5/1979 | |
| 6,481 | | | | // Production, 4 1/2in, 4.052in, 15 ftKB, ftKB | 5,481 |
| 6,483 | TD, 6,483, 11/3/1979 | | THE STATES | Plugback, 6,481-6,483, 11 <i>/</i> 5/1979 | |
| | <u> </u> | SURPRISE CO-MONITOR | | | |