

submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RCVD JAN 16 '08
OIL CONS. DIV.

DIST. 3

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
Sec., T--N, R--W, NMPM

Unit J (NWSE) 1560' FSL & 1850' FEL, Sec. 24, T30N, R11W NMPM

5. Lease Number
SF-078171
6. If Indian, All. or
Tribe Name
7. Unit Agreement Name
8. Well Name & Number
Aztec Federal 1
9. API Well No.
30-045-09319
10. Field and Pool
11. Basin Dakota
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, Water Isolation, and Rod Pump Repair

13. Describe Proposed or Completed Operations

ConocoPhillips wishes to conduct an MIT, Water Isolation and Rod Pump repair per the attached procedure.

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

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

Signed

Tracey N. Monroe

Tracey N. Monroe Title Regulatory Technician Date 1/4/08

(This space for Federal or State Office use)

APPROVED BY

Raymond J. Townsend

Title

Reg. Eng.

Date 1-15-08

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

NMOC

ConocoPhillips
Aztec Federal #1 (CH MV DK)
MIT/ Water Isolation, Squeeze off Chacra and Rod Pump Repair

Lat 36° 47.652 N **Long** 107° 56.515 W

Scope of work: The intent of this procedure is to perform a mechanical integrity test (MIT) to the 4 1/2" production casing, test water production on the Chacra Perfs (3,462'-4,004') completed in 2001 by setting a RBP @ 4,600', if the zone produces more than 10 bbls/d of water, squeezed it off, and repair the pump, The wellbore will then be cleaned out and returned to production

A pit will be required for this procedure.

Remaining reserves: CH (11 MMscf) MV (119 MMscf) Dakota (500 MMscf).

Est. Rig Days: 7

WELL DATA:

API: 30045093190000

Location: 1560' FSL & 1850' FEL, Unit J, Section 024- T30N - R011W

PBTD: 7073' **TD:** 7268'

Perforations: 3,462'-4,004' (Chacra), 4,676'-4,876' (Mnfee), 4,912'-5,248' (Pto), 7,033'-7,041'; 7,112'-7,128'; 7,234'-7,252 (DK)

Well History: The Aztec Federal #1 is a Dakota, Mesaverde, Chacra well spudded in August of 1964 (the Mesaverde and Chacra were added in 2001). The production rate, prior to logging off (Nov 2004), was approximately 200 Mcfd, and the current rate is 0 Mcfd. A fluid shot performed on 07/18/2007 indicates fluid level @ 2096', additionally the Dyno showed a bad pump. The last insert pump installed May of 2007 lasted nearly 2 months. The well was producing 100-120 bbls of water per day. The RAM team has said that the Chacra shows very low resistivity in this area and unless we inadvertently got into Cliff House zone, the water problem is not the MV. After reviewing the logs and formation tops, it was confirmed that the Menefee top perfs are located 180' below the bottom of Cliff House, indicating that is very unlikely that the water is coming from the MV.

On August 1995 during a casing repair job it was left in the hole @ 7,252' a saw tooth collar with and inline exp check, seat nipple and 6 jts of 2 3/8" tubing, apparently due to a collapsed casing, **Top of fish @ 7,076'.**

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.
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. POOH rods and pump as follows (top to bottom):

- 1) 22' x 1-1/4" Polished Rod
- 2) 4', 6', 8' x 7/8" Pony Rods
- 3) 107 - 25' x 7/8" Sucker Rods
- 4) 169 - 25' x 3/4" Sucker Rods
- 5) 8' x 3/4" Guided Pony Rod
- 6) 0.6' x 1 1/4" Shear Tool
- 7) 2" x 1-1/2" x 14' Rod Pump
- 8) 10' x 1" Gas anchor/ Dip tube

Make note of any damage incurred to rods, pump, or dip tube in Wellview.

5. Send pump in to Energy Pump and Supply for tear down and inspection to determine the cause of failure.

6. ND wellhead and NU BOPE

7. Unseat donut, remove hanger, and pull 2-3/8" tubing. TOO H with tubing (detail below). Tubing is currently landed @ 7,051', Tag for fill add joints as necessary.

- 1) (1 jt) 2-3/8" 4.7# J-55 tubing
- 2) (2 jt) 2-3/8" X 14' 4.7# J-55 pup joints
- 3) (227 jts) 2-3/8" 4.7# J-55 tubing
- 4) (1) 2-3/8" X 1.9" ID Seat Nipple set @ 7,016'
- 5) (1) Patterson Mud Anchor 2 3/8" +set @ 7,081'

Visually inspect tubing and record findings in Wellview. Make note of corrosion or scale. Please notify engineer of any unusual findings.

8. PU and TIH with a RBP and Packer for a 4-1/2" 10.5# casing on the 2-3/8" tubing, set RBP within 50' of the Chacra top perfs @ 3,400' and set a packer to test RBP to 1000 psi for 10 min.

9. Unset packer and test casing to 500psi for 30 min on a 2 hour chart. If test passes, continue on. If test fails, contact Rig Superintendent and BAE Production Engineer (be prepared for squeezing the hole(s)), Unset RBP and set it 50' above of the Menefee top perfs @ 4,600'.

10. Release tbq from RBP, test RBP w/ the packer to 1000psi for 10 min, Pick up tubing and packer @ 3,350', and blow well for 8 hours and monitor water production. If less than 10 bbl per day contact engineer and rig superintendent for direction. If water production is greater than 10 bbl per day proceed to next step.

11. RU Cement Company and Spot sand 50' (3 sxs) (Halliburton) try to get injection rate, squeeze off Chacra interval from 3,462' to 4,004'.

12. POOH with Packer and tubing

13. TIH with 3-7/8" bit and drill out excess cement left in 4 1/2' casing to RBP set @ ~4,600'. Pressure test to 500 psi, TOO H.

14. TIH, Blow well dry and Retrieve RBP set @ ~4,600', TOO H with RBP,

15. Clean out to PBTD with the air package (top of fish @ 7,073'), TOO H.

16. TIH and land tubing @ 7,051' (detail below), run a drift test (see direction on next page) while TIH with tubing joints.

- 1) (1) Patterson Mud Anchor 2 3/8" set @ 7,081'
- 2) (1) 2-3/8" X 1.9" ID Seat Nipple set @ 7,016'
- 3) (1 jts) 2-3/8" 4.7# J-55 tubing
- 4) (2 jt) 2-3/8" X 14' 4.7# J-55 pup joints
- 5) (227 jts) 2-3/8" 4.7# J-55 tubing

Always install a full joint at top to allow for stripping the landing donut in and out of the well safely.

17. RIH with the following pump and rod string and space out pump using pony rods as necessary to obtain a stroke length of **76"**.

Bottom to Top:

- 1) 10' x 1" Gas anchor/ Dip tube
- 2) 2" x 1-1/2" x 14' Rod Pump
- 3) 0.6' x 1 1/4" Shear Tool
- 4) 169 - 25' x 3/4" Sucker Rods
- 5) 8' x 3/4" Guided Pony Rod
- 6) 107 - 25' x 7/8" Sucker Rods
- 7) 4', 6', 8' x 7/8" Pony Rods
- 8) 22' x 1-1/4" Polished Rod

18. Load tubing with water and test tubing to 1000 psig. Stroke pump to 500 psig and tie polished rod to pumping unit. Verify well pumps up before moving out.
13. Contact MSO of finished project so that he can return well to production.
19. Should you have any questions or need additional info, please contact Production Engineer.

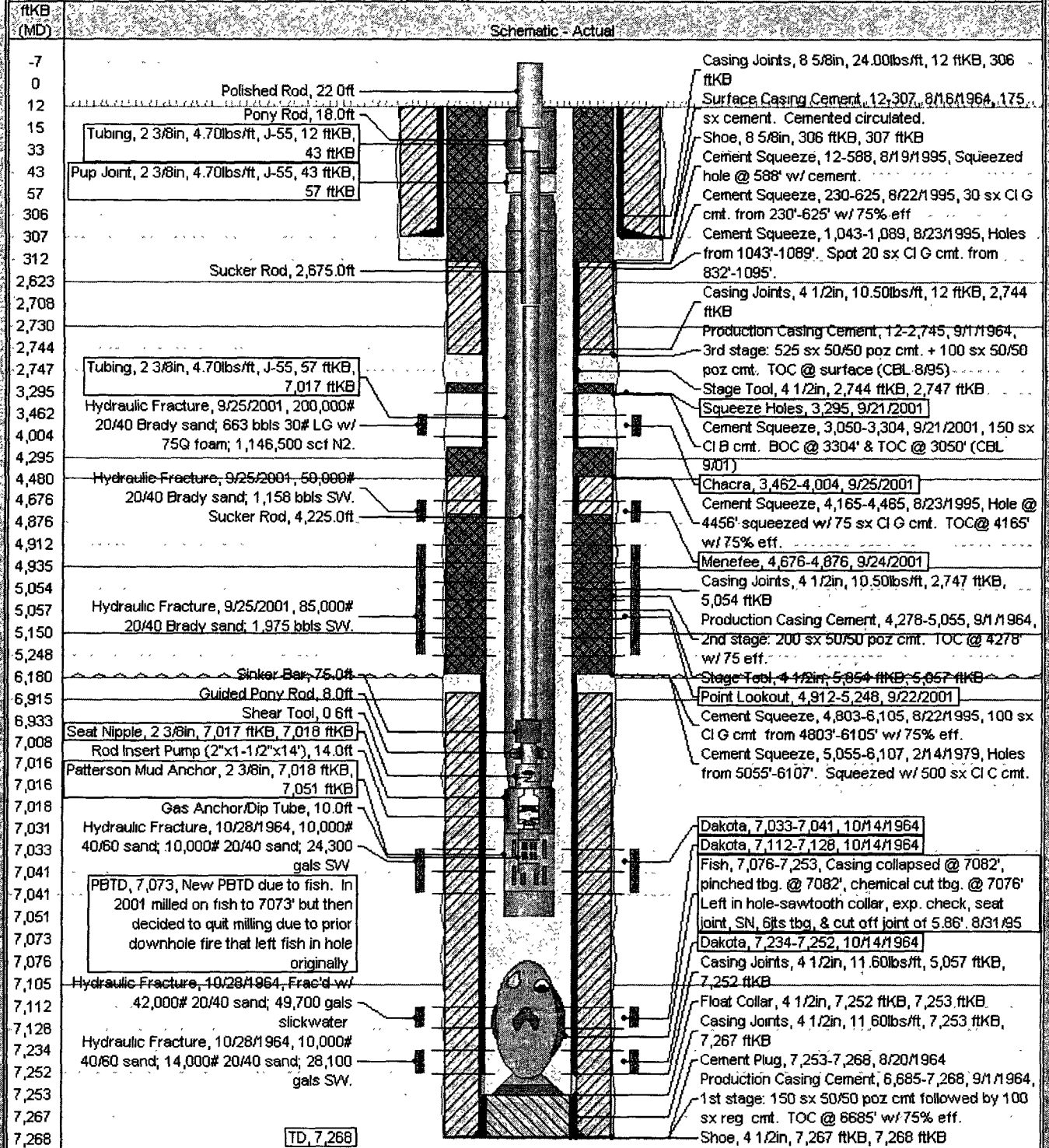
Current Schematic

ConocoPhillips

Well Name: AZTEC FEDERAL #1

API / UWI 3004509319	State Legal Location Unit J-24-30N-11W	Field Name BSN DK(POD GAS) #0068	License No.	State/Province NEW MEXICO	Well Configuration Type	Edit
Ground Elevation (ft) 6,170.00	Original KB Elevation (ft) 6,182.00	KB-Ground Distance (ft) 12.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)		

Well Config: Original Hole: 12/10/2007 2:54:08 PM



BLM CONDITIONS OF APPROVAL

WORKOVER AND RECOMPLETION OPERATIONS:

- 1. A properly functioning BOP and related equipment must be installed prior to commencing workover and/or recompletion operations.**
- 2. If this well is in a Seasonal Closure Area, adhere to the closure requirements and timeframes.**
- 3. If casing repair operations are needed, obtain prior approval from this office before commencing repairs**

SURFACE USE OPERATIONS:

The following Stipulations will apply to this well unless a particular Surface Managing Agency or private surface owner has supplied to BLM and operator a contradictory environmental stipulation. The failure of operator to comply with these requirements may result in assessments or penalties pursuant to 43 CFR 3163.1 or 3163.2. A copy of these conditions of approval shall be present on location during construction, drilling and reclamation activity.

An agreement between operator and fee landowner will take precedence over BLM surface stipulations unless (in reference to 43 CFR Part 3160) 1) BLM determines that operator's actions will affect adjacent Federal or Indian surface, or 2) operator does not maintain well area and lease premises in a workmanlike manner with due regard for safety, conservation and appearance, or 3) no such agreement exists, or 4) in the event of well abandonment, minimal Federal restoration requirements will be required.

STANDARD STIPULATIONS: All surface areas disturbed during work-over activities and not in use for production activities will be reseeded. This should occur in the first 90 days after completion of workover activities.

SPECIAL STIPULATIONS:

- 1. Pits will be fenced during workover operation.**
- 2. All disturbance will be kept on existing pad.**
- 3. All pits will be pulled and closed immediately upon completion of the workover activities.**
- 4. Pits will be lined with an impervious material at least 12 mils thick.**