

Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Jun 19, 2008

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO.

30-045-10086

5. Indicate Type of Lease

STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

Turner A

8. Well Number

1

9. OGRID Number

14538

10. Pool name or Wildcat

Aztec Pictured Cliffs / Blanco Mesaverde

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☐ Gas Well ☒ Other

2. Name of Operator

BURLINGTON RESOURCES OIL & GAS COMPANY LP

3. Address of Operator

P.O. Box 4289, Farmington, NM 87499-4289

4. Well Location

Unit Letter K : 1850 feet from the South line and 1650 feet from the West line

Section 34 Township 31N Range 11W NMPM San Juan County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
5647' GR

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐

PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

OTHER: ☒ MIT

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ P AND A ☐

CASING/CEMENT JOB ☐

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Burlington Resources plans to perform a MIT and casing cleanout on the subject well per the attached procedures.

RCVD AUG 14 '08

OIL CONS. DIV.

DIST. 3

NOTIFY OCD AZTEC 24 HRS PRIOR TO MIT

Spud Date :

2/23/1957

Rig Released Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Tamra Sessions TITLE Staff Regulatory Technician DATE 8/13/2008

Type or print name Tamra Sessions E-mail address: sessitd@conocophillips.com PHONE: 505-326-9834

For State Use Only

Deputy Oil & Gas Inspector,
District #3

AUG 14 2008

APPROVED BY: Kathy G. Bala TITLE _____ DATE _____

Conditions of Approval (if any):

86

ConocoPhillips
Turner A #1 (MV)
Casing Cleanout and Mechanical Integrity Test

Lat 36° 51' 12" N Long 107° 58' 52" W

Prepared By: Emily Vecere, GRAD Engineer
Production Engineering Peer review/approved By: Karen Mead
Date: 07/15/2008
Date: 07/16/2008

Scope of work: The intent of this procedure is to remove the tubing to break a sand/scale bridge, perform a Mechanical Integrity Test (MIT), replace any bad tubing joints, and cleanout the wellbore.

Est. Cost: \$50.8 M

Est. Rig Days: 5

WELL DATA:

API: 3004510086

Location: 1850' FSL & 1650' FWL, Unit K, Section 34 – T 31N – R 011 W

PBTD: 4619' **TD:** 4670'

Perforations: 3687'-3973' (CLH); 4124'-4388' (MNF); 4448'-4593' (Pt. Lo.) – Mesa Verde

Casing:	OD	Wt., Grade	Connection	ID/Drift (in)	Depth
	10-3/4"	32.75#, H-40	-	10.192/10.036	171.9'
	7-5/8"	26.4#, J-55	-	6.969/6.844	4360'
Liner:	5-1/2"	15.5#, J-55	-	4.950/4.825	4293' – 4655'
Tubing:	2-3/8"	4.70#, J-55	EUE	1.995/1.901	4527'
F Nipple:	2-3/8"	4.70#, J-55	-	1.780	4528'
Exp. Check:	2-3/8"				4560'

Well History/ Justification: Turner A #1 was drilled and completed in 1957 as a Picture Cliffs and Mesa Verde well. A workover was performed in 1995 to repair the bradenhead, squeeze off and abandon the PC formation, and complete pay adds for the Cliff House and Menefee formations. In March 2008, a tubing stretch and swabbing operations were performed. The swabbing was successful and production increased as a result, however, the tubing stretch was unsuccessful at completely eliminating the casing bridge. There is currently over 600 psi pressure on the casing.

A casing cleanout is recommended to re-establish the communication between the casing and tubing and optimize production. A MIT on the casing is recommended because an acid job was performed over 3 years ago to try to remove the bridge; however, it went badly and the casing was filled with 2% KCl water to neutralize the acid. Uplift is estimated at 40 Mcfd.

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

Artificial lift on well (type): Currently Intermittent; return to plunger lift after workover.

Est. Reservoir Pressure (psig): 600-800 (MV)

Well Failure Date: 3/31/08

Current Rate (Mcf/d): 90 **Est. Rate Post Remedial (Mcf/d):** 130

Earthen Pit Required: NO

Special Requirements: Several joints of 2-3/8" tubing for replacements

Production Engineer: Karen Mead Office: 324-5152, Cell: 320-3753

Backup Engineer: Douglas Montoya Office: 599-3447, Cell: 320-8523

MSO: Shawn Fincher Cell: 320-2505

Lead: Donnie Thompson Cell: 320-2639

Area Foreman: Terry Nelson Cell: 320-2503

ConocoPhillips
Turner A #1 (MV)
Casing Cleanout and Mechanical Integrity Test

Lat 36° 51' 12" N Long 107° 58' 52" 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 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. Kill well with 2% KCl, if necessary. ND wellhead and NU BOPE.
4. PU and remove tubing hanger and tag for fill, adding additional joints as needed. PBTD is at 4619'. Tubing landed @ 4560' (KB) and Bottom Perf is @ 4593'. Record fill depth in Wellview.
5. TOOH with tubing (detail below).

- 143- 2-3/8" 4.7# J-55 Tubing joints
- 1- 2-3/8" F Nipple
- 1- 2-3/8" 4.7# J-55 Tubing joint
- 1- 2-3/8" Expendable Check

Visually inspect tubing and record findings in Wellview. Make note of corrosion or scale. Call engineer if scale noted on tubing. LD and replace any bad joints. **Note: The bridge in casing is around 3817'.**

6. TIH with watermelon mill on a 2-3/8" tubing and mill the 7-5/8" casing from 2500'-4200' to remove any scale. TOOH with mill and tubing.
7. Pick up RBP and Packer for 7-5/8" 26.4# J-55 casing and TIH with 2-3/8" work string, set RBP @ 3645' (must be within 50' of the top perforation), set packer to test RBP to 500 psi for 10 min. Unset packer and perform MIT on the 7-5/8" casing, pressure test to 500 psi for 30 min, record test on a 2 hour chart. If MIT successful, unload hole with air. Please contact Production Engineer with MIT results. Procedure may deviate from here if squeeze job required. **Note: PC was squeezed off in 1995 from 2186'-2230'.**
8. PU tubing bailer if fill is less than 100' and air package is not on location. TIH and bail fill to PBTD (4619'). If fill is greater than 100' or air package is on location, utilize the air package to clean out to PBTD (4619'). If scale is on the tubing, spot acid. Contact Rig Superintendent and Engineer for acid volume, concentration, and tubing volume. TOOH. LD tubing bailer (if applicable).

MAX 1000 #
SPRING ON
CHART RECORDER

9. TIH with tubing (detail below). TIH with tubing using Tubing Drift Check Procedure (tubing drift = 1.901" ID). Recommended landing depth is 4560'. Land FN @ 4559'.
- 1- 2-3/8" Muleshoe/ Expendable Check (If fill was bailed during cleanout, utilize a pump out plug in place of expendable check.)
 - 1- 2-3/8" F-Nipple
 - 1- 2-3/8" 4.7# J-55 Tubing Joint
 - 1- 2-3/8" x 2' 4.7# J-55 Pup Joint
 - ~142 2-3/8" 4.7# J-55 Tubing Joints
 - Pups joints as necessary to achieve proper landing depth
 - 1- 2-3/8" 4.7# J-55 Tubing Joint
10. Land tubing, ND BOPE, NU wellhead, and blow out expendable check. Notify MSO that well is ready to be turned over to production. Make a swab run, if necessary, to kick off the well. RDMO.

TUBING DRIFT CHECK

Procedure

1. Set flow control in tubing. With air, on location, use expendable check. With no air on location, use wireline plug.
2. RU drift tool to a minimum 70' line. Drift tool will have an OD of at least the API drift specification of the tubing. (i.e. – 2-3/8", EUE, 4.7# tbg drift = 1.901"), 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 simulate 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: TURNER A#1

API/UNII 3004510086	Surface Legal Location BLANCO RIV (PRO)	Field Name BLANCO RIV (PRO)	License No 80075	State/Province NEW MEXICO	Well Configuration Type Edit
Ground Elevation (ft) 5,647.00	Original KB/RT Elevation (ft) 5,657.00	KB-Ground Distance (ft) 10.00	KB-Casing Flange Distance (ft) 5,657.00	KB-Tubing Hanger Distance (ft) 5,657.00	

Well Config: 30045100860000, 7/15/2008 8:03:41 AM

