

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. 30-045-24508
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. E-5842
7. Lease Name or Unit Agreement Name Turner B Com
8. Well Number 2
9. OGRID Number 217817
10. Pool name or Wildcat Basin Dakota

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
ConocoPhillips Company

3. Address of Operator
P.O. Box 4289, Farmington, NM 87499-4289

4. Well Location
Unit Letter **C** : 1000 feet from the **North** line and 1600 feet from the **West** line
Section **2** Township **30N** Range **9W** NMPM San Juan County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
6029' 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: ☒ Bradenhead Repair

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.

Bradenhead failed during a routine bradenhead test. ConocoPhillips wish to repair the Bradenhead for this well.

See attached procedures.

RCVD SEP 15 '08
OIL CONS. DIV.
DIST. 3

Spud Date :

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 Rhonda Rogers TITLE Regulatory Technician DATE 9/12/08

Type or print name Rhonda Rogers E-mail address: rogerrs@conocophillips.com PHONE: 505-599-4018

For State Use Only

APPROVED BY: Felix G. Portz TITLE Deputy Oil & Gas Inspector, DATE SEP 23 2008
District #3
Conditions of Approval (if any):

**ConocoPhillips
Turner B Com 2 (DK)
Bradenhead Repair**

Lat +36.844730° N Long -107.753240° W

Prepared By: Pat Bergman Date: 8/25/08
BAE Peer review/approved By: Kelly Kolb/Dennis Wilson Date: 8/29/08

Scope of work: Tag for fill and pull 2-3/8" tubing. Run bit and scraper and clean out to PBTB. Run in with RBP, set within 50' of top perf, fill casing with KCl fluid and pressure test to 1500 psi. Run CBL and noise log. Squeeze casing at suspected channel site or just below surface pipe shoe. Drill out cement, swab down to remove fluid, Pull RBP. Run 2-3/8" tubing. Return well to production.

Est. Rig Days: 8
RFE #:

WELL DATA:

API: 30-045-24508
Location: 1000' FNL & 1600' FWL, (Spot B), Section 2 – T30N – R9W
PBTB: 7415' **TD:** 7449'

Perforations: Dakota 7186'-7400'

Casing:	OD	Wt., Grade	Connection	ID/Drift (in)	Depth
	9-5/8"	36#, K-55	ST&C	8.921/8.765	286'
	7"	23 #, K-55	ST&C	6.366/6.241	3349'
	4-1/2"	11.6 #, K-55		4.000/8.875	3197'-6864'
	4-1/2"	10.5 #, K-55		4.052/3.927	6864'-7449'
Tubing:	2-3/8"	4.7#, J-55	EUE 8RD	1.995/1.901	7195'
F-Nipple:	2-3/8"			1.78	7195'

Well History: This well was completed December 1980. The Dakota was cased and fraced with x-link (105,000 lbs). The well file reports that cement was circulated to surface on the intermediate casing string. During routine bradenhead test the bradenhead showed pressure and would continue a weak blow when blown down. It builds to a lower pressure than the intermediate/production casing when shut-in.

Artificial lift on well (type): Plunger Lift

Est. Reservoir Pressure (psig): 1500 (DK)

Est. AOF (Mcf/d) : 35

Well Failure Date: 6-18-08

Current Rate (Mcf/d): 30 **Est. Rate Post Remedial (Mcf/d):** 30

Earthen Pit Required: NO

Special Requirements: Bit and Scraper for 4-1/2" 11.6# casing

Retrievable Bridge Plug and packer for 4-1/2" 11.6# casing
4-5 extra joints of 2-3/8" tubing so it can be set deeper.

<u>Production Engineer:</u>	Pat Bergman,	Office: 832-486-2358, Cell: 281-382-8103
<u>BAE Backup:</u>	Krista McWilliams,	Home: 505-334-3096, Cell: 505-419-1627
<u>MSO:</u>	Greg Valdez	Cell # 505-320-1258
<u>Lead:</u>	Jack Birchfield	Cell # 505-320-0675
<u>Area Foreman:</u>	Jim Peace	Cell # 505-320-0210

PROCEDURE:

1. Hold pre-job safety meeting. Test anchors.
2. MIRU workover rig.
3. Note in WellView the pressures on the tubing, casing and bradenhead. Bradenhead pressures and casing pressures need to be recorded during each step of the procedure in an attempt to determine the source of communication between the bradenhead and the casing (Note: We need to eliminate the casing hanger as a potential source of the communication before we proceed with the pressure tests, etc.)
4. Kill tubing as necessary with 2% KCl fluid, but minimize amount of fluid put on well. Nipple down wellhead and nipple up BOP stack.
5. Blow down casing. Pump 2% KCl fluid as necessary to maintain well control. Minimize the amount of water dumped on the formation. RIH and tag for fill. POOH with tubing.
6. Pick up bit and scraper for 4-1/2" 11.6# casing. RIH and clean out to PBTD (7415?). POOH
7. Pick up packer and retrievable bridge plug for 4-1/2" 11.6# casing. RIH and set bridge plug at approximately 7150' (within 50' of top perf). Pull up one stand, set packer and pressure test RBP to 1500 psi. Release packer.
8. Drop 100 lbs. of sand down tubing before the tubing is pulled above liner top and follow with 2% KCL fluid (10' of fill in 4-1/2"). Load hole with 2% KCl fluid pressure test casing to 1500 psi., bleed down. Have bradenhead open while pressure testing casing to see if there is any communication. If leak is found, isolate and determine if it is communicating with the bradenhead, skip to step 10. POOH
9. Run CBL and noise log from 5000' to the surface with no pressure (insure that bradenhead is still capable of a steady flow of gas before adding the noise log to the logs run). Pressure casing to 500 psi and re-run CBL. Contact engineering once logs are run to determine site of potential channel. Note, centralizers on the CBL need to be capable of handling 4-1/2" and 7" casing. If not, then multiple runs will need to be made to insure good quality logs. If no channel is evident, contact State OCD about squeezing at 286' (the depth of the surface casing shoe) to isolate the pressure.
10. Squeeze as necessary, cement design and procedure dependant on the results of the

CBL.

11. Drill out cement and pressure test squeeze to 1500 psi.
12. RIH with tubing and circulate sand off of RBP. Blow or swab fluid from above RBP so as to not drop on the formation. Equalize across, RBP release RBP, POOH.
13. Run in hole with mule shoe, 2-3/8" F-nipple, 2-3/8" tubing and land F-nipple at approximately 7330' (135' deeper than before). Drift tubing with plunger drift while going in hole (see attached).
14. Nipple down BOP and nipple up wellhead. Attempt to swab well in using sand line for a half a day.
15. If unsuccessful, notify operator that a swab unit will be required to return the well to production. If successful, notify Operator that the well is ready to be returned to production.

See Attached Wellbore Schematic and Pertinent Well Data Sheet:

ConocoPhillips

CURRENT SCHEMATIC

TURNER B COM 2

District NORTH	Field Name DK	API / UWI 300452450800	County SAN JUAN	State/Province NEW MEXICO	Edit
Original Spud Date 11/24/1980	Surface Legal Location NMPM-30N-09W-02-B	EAW Dist (ft) 1,600.00	EAW Ref WV	N/S Dist (ft) 1,000.00	N/S Ref N

Well Config: Vertical - Main Hole, 8/6/2008 3 16 22 PM

