

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  
May 27, 2004

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

WELL API NO.

**30-045-30890**

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

**Mims 36 State Com**

8. Well Number **1M**

9. OGRID Number

**217817**

10. Pool name or Wildcat

**Otero Chacra/Blanco MV/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 K: 1365' feet from the South line and 1900' feet from the West line

Section 36 Township 30N Range 11W NMPM San Juan County

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

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type \_\_\_\_\_ Depth to Groundwater \_\_\_\_\_ Distance from nearest fresh water well \_\_\_\_\_ Distance from nearest surface water \_\_\_\_\_

Pit Liner Thickness: \_\_\_\_\_ mil Below-Grade Tank: Volume \_\_\_\_\_ bbls; Construction Material \_\_\_\_\_

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: ☐

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.

ConocoPhillips proposes to squeeze the Cliffhouse perforations due to excessive water production per the attached procedures.

RCVD MAR 25 '08

OIL CONS. DIV.

DIST. 3

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 NMOC guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Tamra Sessions TITLE Res Tech DATE 3/25/2008

Type or print name Tamra Sessions E-mail address: sessitd@ConocoPhillips.com Telephone No. 505-326-9834

For State Use Only

APPROVED BY: H. Villanueva TITLE Deputy Oil & Gas Inspector, District #3 DATE MAR 26 2008

Conditions of Approval (if any):

**ConocoPhillips**  
**Mims 36 State Com 36 #1M (CH/MV/DK)**  
**\*\*\*This well is currently Shut in due to H2S Production\*\*\***  
**Squeeze Cliffhouse Procedure**

**Lat** 36° 45' 54.0" N      **Long** 107° 56' 40.6" W

Prepared By: Krista McWilliams      Engineer      Date: 3/12/08  
BAE Peer review/approved By: Kelly Kolb / Dennis Wilson      Date: 3/14/08

**Scope of work:** The intent of this procedure is to squeeze off Cliffhouse perforations believed to be producing water. blow well dry and determine if Dakota is also making water.

**Est. Cost:**      -----

**Est. Rig Days:**      8

**WELL DATA:**

**API:** 300453089000

**Location:** 1365 FSL & 1900 FWL, Unit K, Section 36– T20N – R11W

**PBTD:** 6778'      **TD:** 6975'

**Perforations:** 3219 – 3752' (CHACRA), 3837'-4314' (CLIFFHOUSE); 4378' – 4870' (POINT LOOKOUT); 6643' – 6766' (DAKOTA)

**Well History:** The Mims 36 State Com #1M was spud on 12/2004 as a trimingled Chacra/Mesaverde/Dakota completion. In August of 2005, a rig moved on to flow test and log the production zones to re-allocate production. Heavy scale was encountered on the tubing from 3930'-6690'. The well was acidized with 3000 gallons HCL. In March of 2006, a rig encountered heavy scale and corroded tubing and the tubing was repaired. They could not get cleaned out to PBTD. The well makes too much water to keep kicked off and has been swabbed multiple times. The intention is to isolate the expected water producing Cliffhouse perforations, verify it is producing water, isolate the water entry by cement squeezing, clean out to PBTD, blow the well dry to clean up the well and determine if the Dakota is making water.  
Note: Well is currently shut in for H2S production.

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

**Artificial lift on well (type):** Plunger Lift

**Est. Reservoir Pressure (psig):** 1400 (DK), 400 (MV)

**Well Failure Date:** 06/01/2007

**Current Rate (Mcf/d):** 0

**Est. Rate Post Remedial (Mcf/d):** 290

**Earthen Pit Required:** NO

**Special Requirements:** 2-3/8" tubing string (use yellow band if available)

**BAE Production Engineer:** Krista McWilliams, Home: (505)334-3096, Cell: (505)419-1627

**BAE Backup:** Pat Bergman, Office: (832)486-2358, Cell: (281)382-8103

**MSO:** Steve Miller      Cell: (505)320-8487

**Lead:** Billy Schaaphok      Cell: (505)320-2597

**Area Foreman:** Tom Lentz      Cell: (505)320-4636

**ConocoPhillips**  
**Mims 36 State Com 36 #1M (CH/MV/DK)**  
**\*\*\*This well is currently Shut in due to H2S Production\*\*\***  
**Squeeze Cliffhouse Procedure**

**Lat** 36° 45' 54.0" N      **Long** 107° 56' 40.6" W

**PROCEDURE:**

1. Hold safety meeting. Comply with all NMOCD, BLM, and ConocoPhillips safety and environmental regulations. Test rig anchors prior to moving in rig. Last rig date was 2006. **Prior to rig up, have well treated for H2S. Make arrangements for continuous H2S monitoring while on location.**
2. MIRU. Check casing, tubing, and bradenhead pressures and record them in Wellview. RU blow lines from casing valves and begin blowing down casing pressure. Kill well with 2% KCL if necessary. ND wellhead, NU BOP.
3. Release tubing hanger to tag for fill, PU additional joints as needed. PBSD @ 6778', tubing landed @ 6665' (13' KB), and Bottom Perf. @ 6766'. Record the fill depth in Wellview
4. TOOH with Tubing (detail below).
  - (213 jts) 2-3/8" 4.6# Slimhole J-55 Tubing
  - (1) 2-3/8" Profile Nipple set @ 6663'
  - (1) Expendable check
5. Visually inspect tubing and record findings in Wellview. Make note of corrosion or scale. Please notify engineer of any unusual findings. Remove obstructions, replace tubing as needed.
6. MIRU wireline. Run wireline 4-1/2" gauge ring to +/- 4370'. MU 4-1/2" composite bridge plug (CBP). RIH and set plug between 4328'- 4370' (TOC at 2000' by CBL, top Point Lookout perforation at 4378'). Depth can be correlated to attached GR/CBL/CCL. ND wireline.
7. TIH with tubing to +/- 4320' (below bottom perf @ 4314'). Make several swab runs to collect a clean water sample. Estimate water production and notify engineer. If dry or water sample can not be attained call engineer and rig superintendent. TOOH.
8. TIH with tubing and 4-1/2" cement retainer. Set retainer at 3790'. Pressure test tubing to 1000 psi.
9. Establish injection rate and mix and pump 100 sxs Type III cement. Sting out from retainer and reverse circulate excess cement and spacer. TOOH and WOC.
10. TIH with tubing and 3-7/8" bit/mill and drill out cement to CBP but do not drill out plug. TOOH.
11. TIH with packer and set at 3775' (bottom Chacra perf @ 3752'). Load tubing with water and pressure test squeeze to 500 psi for 15 minutes. Call Superintendent and Production Engineer if pressure test fails.
12. Drill out CBP and clean out to PBSD @ 6778'. TOOH with tubing and bit.
13. TIH with tubing (detail below). Recommended landing depth is @ 6720' +/- 10' (13' KB).

TIH with tubing using Tubing Drift Check Procedure (tubing drift = 1.901" ID).

- (1) 2 3/8" Muleshoe with Expendable Check
- (1) 2 3/8" x 1.78" Locking Collar
- (1 jt) 2-3/8" 4.7# J-55 EUE Tubing
- (1 jt) 2-3/8" x 2' 4.70# J-55 Pup Joint
- (~213 jts) 2 3/8" 4.7# J-55 8rd EUE Tubing to surface

14. If fill is encountered, TIH and clean out to PBTD @ 6778'. Blow well with air package to clean well up. If well is making water, catch fluid sample. Continue blowing well until water rates drop.
15. 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	<u>Krista McWilliams</u>	Approved	_____
BAE Engineer	Krista McWilliams	Expense Supervisor	Kelly Kolb
Home	(505) 334-3096	Office	(505) 326-9582
Cell	(505) 419-1627	Cell	(505) 320-4785

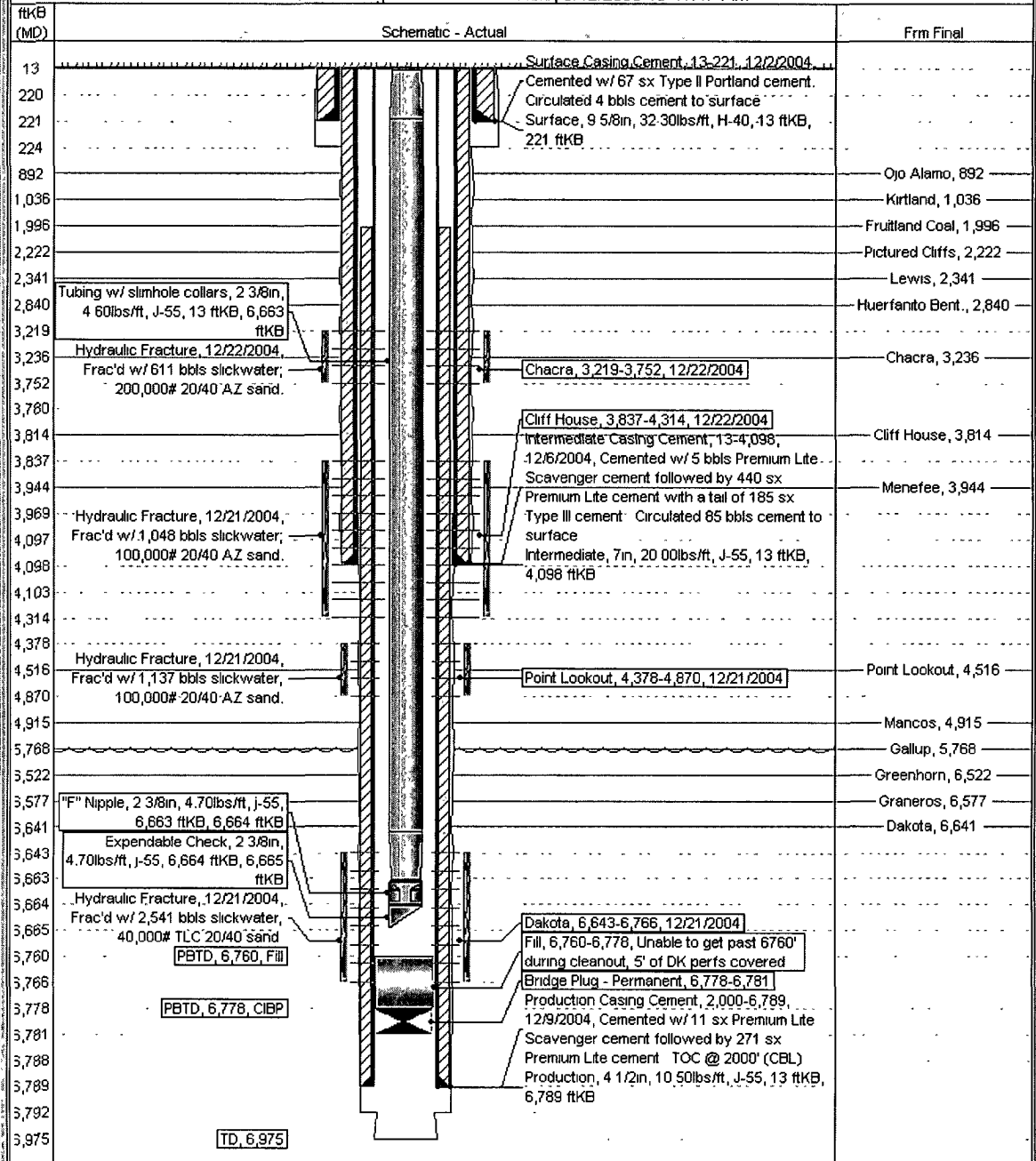
# Current Schematic

ConocoPhillips

Well Name: MIMS 36 STATE COM #1M

API/UVI 300453089000	Surface Legal Location NMPM-30N-11W-36-K	Field Name CHMV/DK COM	License No	State/Province NEW MEXICO	Well Configuration Type Vertical	Edit
Ground Elevation (ft) 5,857.00	Original KB Elevation (ft) 5,870.00	KB-Gravel Distance (ft) 13.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)		

Well Config: Vertical - Main Hole, 3/12/2008 10:41:47 AM



Gamma Ray / GCL  
Acoustic Cement  
Bond Log

Noted

Company Burlington Resources Well Mims 36 State Com #1M Field O.C./Blanco MV/Basin Dakota County San Juan State New Mexico	Company Burlington Resources		Well Mims 36 State Com #1M		Field Otero Chacra/ Blanco Mesaverde/Basin Dakota		County San Juan		State New Mexico		
	Location 1365' FSL & 1990' FWL Sec.K36,T-30N.R-11W API#3004530890								Other Services Gauge Ring		
	Permanent Datum Ground Level Elevation 5857' Log Measured From K.B.12' Drilling Measured From Kelly Bushings								Elevation K.B. 5860' D.F. 5868' G.L. 5857'		
Date	12/11/2004										
Run Number	one				CBL		6784-6400				
Depth Driller	PBTD-6788'				GR		6400-5100				
Depth Logger	6784'				CBL		5100-1700				
Bottom Logged Interval	6784'				GR		1700-Sur				
Top Log Interval	surf										
Open Hole Size	6 1/4"										
Type Fluid	Water										
Density / Viscosity	N/A-N/A										
Max. Recorded Temp	N/A										
Estimated Cement Top	See Log										
Time Well Ready	See Log										
Time Logger on Bottom	See Log										
Equipment Number	T-4620				Ticket#56627						
Location	Farmingington, NM										
Recorded By	J Valdez										
Witnessed By	Neil Asaad										
Borehole Record										Tubing Re	
Run Number	Bit	From	To	Size	Weight						
Casing Record	Size	Wgt/Ft	Top	Bottom							
Surface String	9 5/8"	32.3#/H-40	Surf.	221'							
Prod. String	7"	20#-J-55	Surf.	4098'							
Production String	4 1/2"	105#-J-55	Surf.	6789'							
Liner											
Marker Jts@	6352-6362'	Ann	3750'-3763'								

