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District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C 103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO.	30-045-21634
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	B 10938
7. Lease Name or Unit Agreement Name	State COM J
8. Well No.	# 6A
9. Pool name or Wildcat	Blanco Mesaverde, Blanco Pictured Cliffs
10. Elevation (Show whether DF, RKB, RT, GR, etc.)	

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 <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> OTHER	2. Name of Operator Conoco Inc.
3. Address of Operator 10 Desta Dr. Ste 100W, Midland, Tx., 79705-4500	4. Well Location Unit Letter O 850 Feet From The South Line and 1680 Feet From The East Line Section 36 Township 31N Range 9W NMPM San Juan County
10. Elevation (Show whether DF, RKB, RT, GR, etc.)	

Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
OTHER: Squeeze PC, Change out tubing <input checked="" type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
	CASING TEST AND CEMENT JOB <input type="checkbox"/>
	OTHER <input type="checkbox"/>

12. 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.

It is proposed to squeeze the Pictured Cliffs and change out the tubing in this well using the attached procedure:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Kay Maddox TITLE Regulatory Agent DATE August 27, 1998
TYPE OR PRINT NAME Kay Maddox TELEPHONE NO 686-5798

(this space for State Use)

APPROVED BY Charles Lee DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE AUG 31 1998
CONDITIONS OF APPROVAL, IF ANY

STATE COM J 6A
Squeeze PC/Change Tubing Out
August 26, 1998
API# 300452163400

MER# _____

Location: Sec. 36, Twp. 31 N Rge. 9W, Qtr. NE SW SE, 850' FNL, 1680' FEL, San Juan County.

Objective

This MER provides funds in the amount of \$68,900 to move in a workover rig to pull both small tubing strings (1.90", & 1.66" OD) currently in the wellbore, squeeze off unproductive Pictured Cliff formation perforations, clean the well out to PBTD, and install 2.375" production tubing with plunger lift. The PC formation in this well is unproductive and the smaller tubing impairs production from the Mesaverde formation. Installation of 2.375" tubing with plunger lift should optimize production from the Mesaverde formation and provide a 100 MCFGD uplift.

Work Plan

The proposed work will involve moving in a workover rig and pulling both tubing strings and packer, cement squeezing off PC perforations, cleaning out to PBTD (5694'), running 2.375 tubing into the well and hanging it at mid-perf of Point Lookout (5600') with SN and mule shoe on bottom. Plunger lift equipment will be purchased and installed and the well put back on production.

PBTD @ 5,694', TD @ 5705'.

Surface Casing: 10.75", 32.75#, 6 jts. set @ 162'.

Intermediate Casing: 7:00", 23#, K-55, 23 jts. set @ 3,443'.

Production Liner: 4.5", 10.5#, CW-55, 62 jts. set from 3240' to 5700'. w/Burns Liner Hanger.

Production Tubing: PC (short string) 1.6614", 2.4#, 102 jts. w/1.18" Model F SN/with 1 jt. below.
set @ 3172'.

Production Tubing: MV (long string) 1.9016" OD / 1.6102" ID, 2.90#, 66 jts. w/ blast joints from 3990' to 4855'. & 22 jts w/Model F SN @ 5575' and 4' sub on bottom set @ 5581'.

Production Packer – Baker Model "D", 4.0" OD, set @ 4850'.

Perforation Depths: 3172' – 3204', 4928' – 5040', 5160' – 5178', 5390' – 5492', & 5551' – 5673'.

Completion details and well history are contained in Wellview files and schematics.

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PROCEDURE

1. Pre Work

- A. Locate and test deadman anchors. Spot flowback pit (20x20) and prepare. Inform operator of work to be done and time frame. Check for location size and equipment placement. Identify any hazards (power lines, H₂S, tight equipment fits).
- B. Have pressure gauges on both casing and tubing when necessary (during acid, frac, testing).
- C. Hold Safety Meeting before rigging up to discuss potential hazards and meeting place in case of an emergency.

2. Pull Both Tubing Strings Laying Down

- A. RU. Blow well down (both backside & both tubing strings) and kill with minimum amount of 1% KCl. NU BOP's
- B. Pump minimum amount of 1% KCl down both strings to kill and POOH (short string) 1.6614", 2.4#, 102 jts.w/1.18" Model F SN/with 1 jt. below, **set @ 3172'** laying down.
- C. POOH with (long string) 1.9016" OD / 1.6102" ID, 2.90#, 66 jts. w/ blast joints from 3990' to 4855', & 22 jts w/Model F SN @ 5575' and 4' sub on bottom **set @ 5581'**, laying down.

3. Pick up Mill & Work String, Drill Out Model "D" Packer, & POOH

- A. Pick Up work string and RIH with 3.859" Mill and packer plucker to mill up Baker Model "D" packer set @ 4850'. **Note: 4.5" Liner top @ 3,240'**
- B. POOH with remains of Model "D" packer standing back work string.

4. Set BP below PC Perfs and Retainer Above and Squeeze Off PC Perfs with Cement.

- A. RIH with 7" EZ Drill BP and test packer on work string and set at 3,214', (below PC perfs), set packer and test BP and POOH.
- B. RIH with 7" cement retainer and set at 3,120' (above PC perfs) and test down back side,
- C. Squeeze 115 sx of cement as per BJ's procedure.
(annular vol. Between BP and retainer is 14 sx)
- D. Unsting from cement retainer and circulate clean with KCl water, POOH standing back work string. WOC.

5. RIH with bit and drill out cement retainer, cement, and BP

- A. Pick up 6.25" bit and RIH with work string to drill out cement retainer @ 3,120' and cement down to BP @ 3214.
- B. Before drilling BP pressure test casing.
- C. Continue in hole after drilling out cement to clean out to PBTD @ @ 5,694' with air and or foam.
- D. POOH work string laying down.

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- 6. RIH Production Tubing with SN, Install Plunger Lift Equipment, Put on Production.**
- A. Pick up 2.375" production tubing and RIH with mule shoe & SN on bottom and land @ 5,600' (the lower Point Lookout tends to make some oil so we want to try to keep it unloaded and off the upper formations).
 - B. Make sure the well is unloaded, install plunger lift equipment, and notify operator to put on plunger lifted production.
 - C. RD, move off location.

San Juan West Team

Cc: Midland Central Records, Tom Lentz, Linda Hernandez, Ron Bishop (Farmington)