

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.	30-045-229420
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	E 5152
7. Lease Name or Unit Agreement Name	State COM S
8. Well No.	# 15A
9. Location	Blanco Mesa Verde, Blanco Pictured Cliffs, Glades Fruitland Sand

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 <u>D</u> <u>790'</u> Feet From The <u>North</u> Line and <u>1150</u> Feet From The <u>West</u> Line Section <u>36</u> Township <u>32N</u> Range <u>12W</u> NMPM <u>San Juan</u> County	
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 6383'	

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input checked="" type="checkbox"/>	REMEDIATION 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: <input 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 add pay to the Mesavade in the Menefee (4875-4930') and to squeeze off the Cliffhouse (4492-4760') according to the attached procedure.

RECEIVED
APR 16 1998
OIL CON. DIV.
DIST. 3

12. I hereby certify that the information above is true and complete to the best of my knowledge and belief.			
SIGNATURE <u>Kay Maddox</u>	TITLE <u>Regulatory Agent</u>	DATE <u>April 12, 1998</u>	
TYPE OR PRINT NAME <u>Kay Maddox</u>	TELEPHONE NO. <u>686-5798</u>		

(this space for State Use)

APPROVED BY ORIGINAL SIGNED BY ERNIE BOSCH TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE APR 23 1998
CONDITIONS OF APPROVAL, IF ANY

**State Com S 15 A
DHC and Contingent Menefee Pay Add
February 25, 1998**

API # -- 300452294200

LOCATION: 790' FSL , 1150' FWL, Section 36, T 32 N, R 12 W, Quarter NW NW, San Juan County

Objective

Funds in the amount of \$118,000 are requested to add Menefee pay in the State Com S 15A.. Dual string completion will be pulled, the Mesa Verde Cliffhouse perforations will be squeezed off, and casing and over lap tested for leaks. The well has approximately 21' of Menefee that will be perforated and fracture treated. Production from Fruitland Sands, Pictured Cliffs, and Mesaverde will be commingled. Addition of this pay and commingle should result in a production increase of 275 mcf/d.

Wellbore Specs (See attached Wellview information)

Drilled in 1978 and completed in the Mesa Verde Cliffhouse and Lewis sands, Fruitland Sand, and Pictured Cliffs Sand. Stimulation consisted of five fracture treatments, two in MV, two in the Cliffhouse, and one in the Fruitland and Pictured Cliffs sands. The Cliffhouse is wet and will be squeezed off with cement (4,492' - 4,641', 4,670' - 4,760'), the casing will be tested for leaks and leaks squeezed with cement. The cement will be drilled out and the Menefee interval between 4875' - 4930' added and stimulated. Production from all intervals will be commingled.

GL EL: 6383'; KB EL: 6396'; PBTD: 5525'; TD: 5591'.

CASING: 4 1/2" liner, 10.5#, K-55, from 3027' to 5586'; (TOC by CBL, weak cmt 4100' - 4800')
Cemented w/ 430 cu sxs cl C in 6 1/4" hole.

7", 20 #, K-55 set @ 3227', cemented w/ 335 sxs (TOC @ 1150', temp. survey)

10 3/4", 36#, H-40 set @ 204', 200 cu ft of cement (circ to surf)

TUBING: DUEL STRING COMPLETION (tbg run 05/78)

Short string (PC&FRT): 85 joints, 2.063" IJ, 3.25#, (2,794'), Baker Model L Sliding Sleeve (3.0'), 2 Blast Joints 2.063" (10' & 20'), F Nipple 2.063' OD x 1.50" ID (1'), 1.94" Seal Assembly (8'), Model S Snap Lock Seal Nipple, total string length = 2,828'

Long String (MV): 90 joints, 2.375" EUE, 4.7#, J-55, 2 Blast Jts. w/2 x 8' pups (28'), 7" Baker Model J Dual Pkr. (8'), 3 Jts. 2.375" EUE + 18' of subs (121'), 2 Blast Jts. (20'), 3 Jts. 2.375 EUE + 20' tbg. Subs (72'), 2.375" On/Off Tool (1'), 4.5" Baker Locset Pkr. (5'), 75 jts. 2.375" EUE tbg. (2319'), F Nipple (1'), 1 jt. 2.375" EUE tbg. set @ 5,375".

FORMATION TOPS: KTL - 1850'; FT - 2425'; PC - 2,960'; MV LEW - 3084'
MV CLHS - 4,670'

EXISTING PERFS: FT: 2806' - 2820', PC: 2962' - 2968', MV CLHS: 4492' - 4641', & 4670' - 4760',
MV: 5030' - 5178', & 5222' - 5498'.

Squeeze perfs MV CLHS : 4492' - 4760'.

**St Com S 15A
Menefee Pay Add
February 25, 1998**

PROPOSED PERFS:

Based on 4/78 Densilog Neutron. 19 total perfs.

MV MEN: 4,875', 78', 80', Select fire
4,914' - 4,930', 1SPF.

Notes: Casing Leaks may complicate pay add attempt.
Squeezed Cliffhouse perforations should provide good isolation from wet zones above Menefee.

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 Short String Completion, Attempt to pull Long String with Model J and Locset packers.

- A. RU. Blow well down (both backside & tbg) and kill with minimum amount of 1% KCl. NU BOP's
- B. POOH laying down Short string (PC&FRT): 85 joints, 2.063" IJ, 3.25#, (2,794'), Baker Model L Sliding Sleeve (3.0'), 2 Blast Joints 2.063" (10' & 20'), F Nipple 2.063' OD x 1.50" ID (1'), 1.94" Seal Assembly (8'), Model S Snap Lock Seal Nipple, total string length = 2,828'

NOTE: Baker Model J Dual String Packer is released by pulling up to unseat and recock to running position, Baker Locset is released by pulling 3000 -6000 lbs. and right rotation 8-10 turns @ tool, continue to rotate occasionally while POOH to ensure slips are retracted. If it not possible to pull it all at once then release On/Off tool POOH, lay down Model J, and RIH with ON/Off tool without Model J packer and POOH Locset.

- C. POOH Standing back, Long String (MV): 90 joints, 2.375" EUE, 4.7#, J-55, 2 Blast Jts. w/2 x 8' pups (28'), 7" Baker Model J Dual Pkr. (8'), 3 Jts. 2.375" EUE + 18' of subs (121'), 2 Blast Jts. (20'), 3 Jts. 2.375 EUE + 20' tbg. Subs (72'), 2.375" On/Off Tool (1'), 4.5" Baker Locset Pkr. (5'), 75 jts. 2.375" EUE tbg. (2319'), F Nipple (1'), 1 jt. 2.375" EUE tbg. set @ 5,375'.

3. Isolate MV, Squeeze Cliffhouse, Test Casing

- A. RU wireline, RIH set 4.5" fast drill BP @ 4,980', POOH wireline, RD wireline.
- B. PU Baker Model K-1 Cement Retainer, RIH on 2.375" work string and set @ 4,470'
- C. Establish injection rate with 1% KCl, pump 100 SXS cement, unsting from retainer and circulate clean, POOH, WOC.
- D. RIH w/ 7" test packer and workstring and set @ 2990' and pressure test casing and overlap. Isolate and identify any significant leaks. PU and set 7" test packer @ 2750' and test backside to 500# from surface, isolate any leaks. POOH
If pressure leakoff, isolate problem and confer w/ engineering on solution.

**St Com S 15A
Menefee Pay Add
February 25, 1998**

4. Drill out and Perforate Menefee

- A. PU 3.5" drill bit and work string and drill out cement retainer and cement down to 4980', POOH.
- B. RU wireline company and perforate the Menefee with 19 select fire shots using a 3 1/8" HSC w/ .37" holes as follows:

Based on 4/78 Densilog Neutron. 19 total perms.

MV MEN: 4,875', 78', 80', 4,914' - 4,930', @ 1 SPF

- C. RD wireline.

4. Acidize and Frac Menefee

- A. PU 7 " treating packer on 3 1/2" frac-string, w/ 2 3/8" slimhole tailpipe & cup assembly, RIH. Position tailpipe into top of 4 1/2" liner, and set 7 " packer.
- B. Break down with acid as per BJ attached procedure.
- C. Proceed w/ single stage Slickwater frac, as per BJ attached procedure.
- D. Flow-back and clean-up, POOH with 3-1/2" frac-string, 7" packer, and 2-3/8" slimhole tailpipe & cup assembly, laying down. Note: No stabilized test period required.

5. Drill Out Bridge Plug

- A. RIH w/ 3-1/2" assembly and workstring into 4 1/2" csg & drillout cement & BP. C/O to PBTD @ 5,525' using gas or air, blow hole clean and dry. POOH.

6. Return Well to Production

Run from bottom up, 2.375" mule shoe / 2.375" x 2' perforated sub / SN for plunger lift, and 2.375" EUE production tubing and set @ 5,400'. Install plunger equipment at surface and notify operator. Install plunger & put in swab mode; put on production.. Monitor well for rate at least one week.

Commingle Approval: Case No. 11032; Order No. R-10205; Dated September 30, 1994, with allocation percentages as follows: 27.86% to the Fruitland Sand; 11.56% to the Pictured Cliffs; and 60.58% to the Mesaverde.

West Team

Cc: Well File, Linda Hernandez, Tom Lenz, Greg Vick