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to Appropriate  
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 T11  
1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO.	30-045-25147
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name	State A gas Com
8. Well No.	#1E
9. Pool name or Wildcat	Basin Fruitland Coal

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>E</u> <u>1850'</u> Feet From The <u>North</u> Line and <u>800'</u> Feet From The <u>West</u> Line Section <u>36</u> Township <u>29N</u> Range <u>11W</u> NMPM <u>San Juan</u> County	
10. Elevauon (Show whether DF, RKB, RT, GR, etc.)	

11. 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: <u>Re-complete</u> <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 re-complete this well to the Fruitland Coal using the attached procedure.

\*\*\* An unorthodox location application has been submitted.

RECEIVED  
DEC 21 1998  
OIL CON. DIV.  
DIST. 1

12. 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 December 17, 1998  
TYPE OR PRINT NAME Kay Maddox TELEPHONE NO. 686-5798

(this space for State Use)

ORIGINAL SIGNED BY ERNIE BUSCH

DEPUTY OIL & GAS INSPECTOR, DIST. #3

JAN - 4 1999

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONITIONS OF APPROVAL, IF ANY: HOLD C-104 FOR NSL

**State A Gas Com 1E  
Plug Dakota  
Recomplete to Fruitland Coal  
December 7, 1998**

**AFE#** \_\_\_\_\_

**API#** 300452514700

**Location:** Twn 29N, Rng 11W, Sec 36, Unit letter E

This will be a non-standard FC location since it's in the NW/4.

**Objective**

Funds in the amount of \$126,000 are requested to plug the Dakota formation and recomplete to the Fruitland Coal in the State A Gas Com 1E located in Twn 29N, Rng 11W, Sec 36, Unit letter E and add well head compression. The well is currently completed in the Dakota and was temporarily abandoned in Nov 1997.

The State A Gas Com 1E was originally completed in a lower Dakota sand in Feb 1982. That interval flowed initially at 12 MMcf/d and had a cumulative production of 1.1 Bcf prior to watering out. In July 1994, a remedial was performed to squeeze off the existing perfs and add perfs higher in the same sand. Water production returned within a month. In August 1995, the lower Dakota was isolated and the main Dakota sands were accessed. Production was never established following the work. It is believed that the frac connected up with the wet lower Dakota interval resulting in no production. The Dakota was temporarily abandoned Nov 1997 a bridge plug was set @ 6150'.

Recompleting to the Fruitland Coal should result in an initial rate of 180 Mcfd and recoverable reserves of 650 MMcf. The well was spud Dec 31, 1981 and qualifies for the non-conventional fuel tax credit.

The only log available over the FC is a 5" induction log. The coal seams correlate fairly well with offsets but a GR/neutron will be required from 2000' to 1300' to be able to identify the individual coal seams. This is critical because Taurus has a Fruitland Sand well offsetting this location and confirmation that we are in coal and not sand is required in case there are any drainage issues. The preliminary perf intervals are as follows:

Correlated to 5" 1-11-82 Schlumberger Induction Log (1 SPF) 1668-78'; 1698-1706'; 11-16'; 26-30'; 76-82'; 1816-22'

**Plug Dakota  
Recomplete to Fruitland Coal  
December 7, 1998**

**Well Data**

TD – 6630'

PBTD – 6150'

Surface Casing: 8-5/8", 24#, K-55, 11 joints set @ 476', 340 sx., assume cement circulated to surface.

Production Casing: 5.5", 15.5#, K-55, 108 joints set @ 4453',  
5.5", 15.5#, K-55, 51 joints set @ 6629', TOC by CBL DV @  
2066', 1<sup>st</sup> stage 329 sx, 2<sup>nd</sup> stage 800 sx.

NO TUBING – Temporarily abandoned.

Cast Iron Bridge plugs set @ 6470' and 6150'.

**Procedure**

- 1) **Hold safety meeting** at muster point, **review procedure**, identify potential hazards, look at well head and surface facilities, note prevailing wind direction, and decide on equipment placement. Rig Up and **work safely!**
- 2) **RU WL and bail in 50' of cement on top of the CIBP set @ 6150'** over the Dakota formation.
- 3) **Set CIBP @ 2050', below coal seams and above DV tool, DV tool @ 2066'.**
- 4) **Fill casing with water and pressure test casing to 3000 psi.** If test is OK frac down casing and if there is a leak isolate with test packer and consult with Midland on squeeze job and prepare to frac down frac string.
- 5) **Rig up wireline and run GR/neutron & CBL log from 2000' to 1300'** to identify coal seams and confer with Midland engineering. We must confirm we are in Fruitland Coal and not Fruitland Sands due to Taurus' offset well in that formation.
- 6) **RU WL and perforate coal seams** as instructed and rig down wireline.
- 7) **Acidize and Break Down Perforations**
  - A. PU workstring & 5.5" pinpoint packer & RIH; break down each perforation with 1/2 barrel 15% HCl acid. POOH packer and workstring.
  - B. Prepare to foam frac down casing if it tested OK or RIH frac string and packer.
  - C. Proceed w/ single stage foam frac as per BJ attached procedure.
  - D. Obtain 5, 10, 15 min ISIP shut-in pressures, then bleed off.

**State A Gas Com 1E  
Plug Dakota  
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- 8) RD BJ, TIH with 2-3/8" production string with SN and mule shoe on bottom and clean out to CIBP, blow hole dry and clean up until well begins flowing. Land tubing and continue to flow to pit to clean up, obtain stabilized test rate if possible.
- 9) RD BOP's and rig and NU well head and shut in well.
- 10) Notify operator to install surface plunger lift equipment, well head Compression, and put on production as soon as possible.

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San Juan West Team

Cc: Central Records (Midland), Project Leads, 3 Copies, (Farmington).

District IV  
PO Box 2088, Santa Fe, NM 87504-2088

OIL CONSERVATION DIVISION  
PO Box 2088  
Santa Fe, NM 87504-2088

HOLD ON  
FOR NSL (2)

Fee Lease - 3 Copies

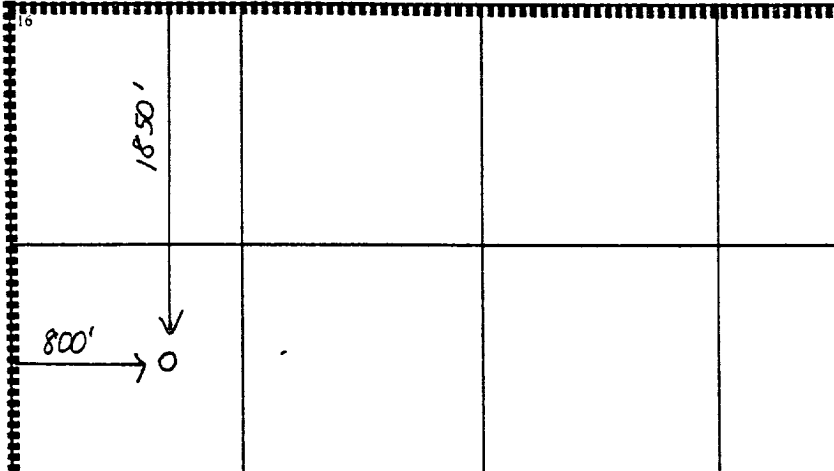

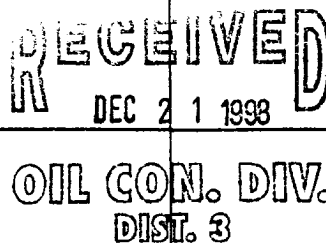
☐ AMENDED REPORT

API Number 30-045-25147		2 Pool Code 71629		3 Pool Name Basin Fruitland Coal	
4 Property Code 014124		5 Property Name State A Gas Com			6 Well Number # 1E
7 OGRID No. 005073		8 Operator Name Conoco Inc., 10 Desta Drive, Ste. 100W, Midland, TX 79705-4500			9 Elevation

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	36	29N	11W		1850	North	800	West	San Juan

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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12 Dedicated Acres 316.77 320	13 Joint or Infill	14 Consolidation Code	15 Order No.
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<div style="text-align: center; margin-top: 100px;"></div>	<div style="border: 1px solid black; padding: 5px;"><b>17 OPERATOR CERTIFICATION</b> I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. <div style="text-align: right; margin-top: 20px;"> _____ Signature      <b>Kay Maddox</b> _____ Printed Name      <b>Regulatory Agent</b> _____ Title      <b>December 17, 1998</b> _____ Date</div></div>
	<div style="text-align: center; margin-top: 100px;"></div>

<div style="border: 1px solid black; padding: 5px;"><b>18 SURVEYOR CERTIFICATION</b> I hereby certify that the well location shown on this plan was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. <div style="text-align: right; margin-top: 20px;">_____ Date of Survey _____ Signature and Seal of Professional Surveyor:</div></div>	<div style="border: 1px solid black; padding: 5px;"><b>Certificate Number</b> _____  </div>
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