



Mid-Continent Region  
Exploration/Production

Conoco Inc.  
10 Desta Drive, Suite 100W  
Midland, TX 79705-4500  
(915) 686-5400

July 19, 2000

Mr. Michael Stogner  
New Mexico Oil Conservation  
2040 Pacheco  
Santa Fe, NM 87504

JUL 26 2000

RE: Application to Amend NSL Order # 4411  
To Wildcat Seven Rivers

State B-19 #2  
Section 19, T-18-S, R-37-E, H  
API # 30-025-34936  
Lea County, NM

Dear Mr. Stogner,

Conoco applied for a Non-Standard location for this well to test the Abo in February, 2000. You approved this request with Order # 4411 as a non-standard Undesignated Goodwin- Abo well. This well was spudded March 21, reached a TD of 7950' on April 6. The Abo was perforated, fraced, and tested non-productive. The drilling unit was moved off and the well was temporarily abandoned pending data evaluation. Based on log calculations and a show of oil on the pits when drilling through this formation, Conoco's geoscientists believe that this well is a Northern extension connecting the East Eumont pool with the NW Eumont pool. The closest Eumont production is the Southwest Royalty, McMillian #2 located in Section 29, T-18-S, R-37-E, Unit letter K. This production is more than 1 mile from the State B-19 #2. Conoco believes that this well will be completed as an oil well thereby requiring a standard proration unit of 40 acres just like the Goodwin - Abo. The N/2, N/2 SW/2 and SE/4 of Section 19 is a single state lease issued by the NMSLO (Lease # BH-1535) in which Conoco, Inc is the leasehold operators; therefore, there are no effected offsets to the subject 40 acre tract other than Conoco, Inc. In order to prevent economic waste, Conoco, Inc. request that NSL Order #4411 be amended to the Wildcat Seven Rivers.

A workover unit has become available to us that could move on this well Friday, July 21. As I am sure you are aware due to increased activity in New Mexico, scheduling projects is very tenuous. In light of this activity, I am sure you are covered up. However, I am respectfully requesting that you please review this NSL amendment today and respond with your evaluation of the feasibility of doing this work immediately. Thank you very much.

Sincerely,

Kay Maddox  
Regulatory Agent - Conoco, Inc



**NEW MEXICO ENERGY, MINERALS  
& NATURAL RESOURCES DEPARTMENT**

**OIL CONSERVATION DIVISION**  
2040 South Pacheco Street  
Santa Fe, New Mexico 87505  
(505) 827-7131

February 18, 2000

Conoco, Inc.  
10 Desta Drive – Suite 100W  
Midland, Texas 79705-4500  
Attention: Kay Maddox

Telefax No. (915) 686-5558

*Administrative Order NSL-4411*

Dear Ms. Maddox:

Reference is made to the following: (i) your most excellent application dated February 7, 2000; and (ii) to the records of the New Mexico Oil Conservation Division in Santa Fe ("Division") in Santa Fe: concerning Conoco, Inc.'s request for an unorthodox Abo oil well location for its proposed State "B-19" Well No. 2 to be drilled 2275 feet from the North line and 1215 feet from the East line (Unit H) of Section 19, Township 18 South, Range 37 East, NMPM, Undesignated Goodwin-Abo Pool, Lea County, New Mexico. The SE/4 NE/4 of Section 19 is to be dedicated to this well in order to form a standard 40-acre oil spacing and proration unit.

This application has been duly filed under the provisions of Division Rule 104.F, revised by Division Order No. R-11231, issued by the New Mexico Oil Conservation Commission in Case No. 12119 on August 12, 1999.

It is our understanding that the N/2, N/2 SW/4, and SE/4 of Section 19 is a single state lease issued by the New Mexico State Land Office (State Lease No. BH-1535) in which Conoco, Inc. is the leasehold operator; therefore, there are no effected offsets to the subject 40-acre tract other than Conoco, Inc.

It is further understood that this location exception is based on a 3-D seismic survey of the immediate area which indicates that a well drilled at the proposed unorthodox location should penetrate the Permian Abo Reef at a more structurally advantageous position within the subject 40-acre unit than a well drilled at a standard location, thereby increasing the likelihood of obtaining commercial production.

By the authority granted me under the provisions of Division Rule 104.F (2), the above-described unorthodox oil well location is hereby approved.

Sincerely,

Lori Wrotenberg  
Director

LW/MES/kv

cc: New Mexico Oil Conservation Division - Hobbs  
New Mexico State Land Office - Santa Fe

District I  
PO Box 1980, Hobbs, NM 88241 1980

District II  
PO Drawer DD, Artesia, NM 88211-0719

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

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

State of New Mexico  
Energy, Minerals & Natural Resources Department

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

Form C-101  
Revised February 10, 1994

Instructions on back  
Submit to Appropriate District Office  
State Lease - 6 Copies  
Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

Operator Name and Address. Conoco Inc 10 Desta Dr. Ste. 100W Midland, Tx. 79705-4500		OGRID No_ 005073
		API Number 30 - 0 025-34936
Property Code 24333	Property Name State B-19	Well No. #2

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	19	18S	37E		2275'	North	1215'	East	Lea

s Proposed Bottom Hole Location If Different From Surface

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Proposed Pool 1 Wildcat Seven Rivers					Proposed Pool 2				

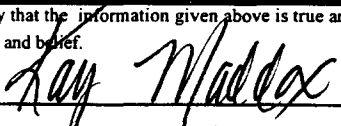
" Work Type Code	" Well Type Code	" Cable/Rotary	" Lease type Code	14 Ground Level Elevation
16 Multiple	17 Proposed Depth	18 Formation	19 Contractor	3742'
				20 Spud Date

21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
Same as original					

Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

It is proposed to recomplate this well to the Seven Rivers using the attached procedure.

23 I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: 		OIL CONSERVATION DIVISION	
Printed name: Kay Maddox		Approved by:	
Title: Regulatory Agent - Conoco, Inc		Title:	
Date: July 19, 2000		Approval Date: Expiration Date:	
Phone: (915) 686-5798		Conditions of Approval: Attached	

District I  
PO Box 1980, Hobbs, NM 88241-1980

District II  
PO Drawer DD, Artesia, NM 88211-0719

District III  
1000 Rio Brazos Rd. Aztec, NM 87410

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

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

PO Box 2088  
Santa Fe, NM 87504-2088

Form C-102

Revised February 21, 1994

instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-34936		2 Pool Code		3 Pool Name Wildcat Seven Rivers	
4 Property Code 25333		5 Property Name State B-19			6 Well Number #2
7 OGRID No. 005073		8 Operator Name Conoco Inc., 10 Desta Drive, Ste. 100W, Midland, TX 79705-4500			9 Elevation 3742'

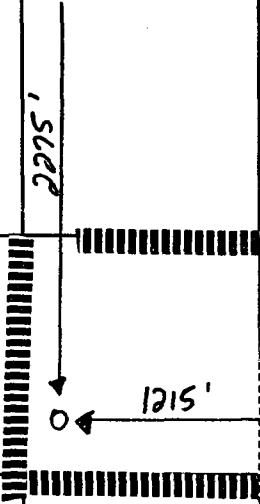
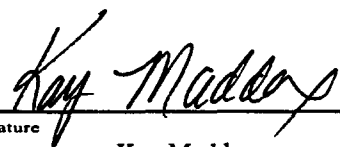
10 Surface Location

UL or lot no. H	Section 19	Township 18S	Range 37E	Lot Idn	Feet from the 2275	North/South line North	Feet from the 1215	East/West line East	County Lea
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11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
12 Dedicated Acres 40		13 Joint or Infill		14 Consolidation Code		15 Order No. Need to Amend NSL Order #4411			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16					<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   Signature Kay Maddox Printed Name Regulatory Agent Title July 19, 2000 Date	
					<b>18 SURVEYOR CERTIFICATION</b> I hereby certify that the well location shown on this plat 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.  Date of Survey Signature and Seal of Professional Surveyor:  Certificate Number	

**STATE B-19 #2  
AFE 51-61-8785  
7 Rivers Completion  
June 14, 2000 (Revision 2)**

**Summary**

This procedure addresses an uphole completion to the Eumont Pool. The zone is oil bearing at this location.

**WELL INFORMATION:**

Current Status: See dailies on Bone Spring completion

Last Action To Well: Reference dailies on Bone Spring completion

Location: 2275' FNL & 1215' FEL, Sec 19-18S-37E  
API Number: 30-025-34936

TD: 7927'  
PBDT: 7750' Tagged up on cement  
GLE: 3742'  
KBE: 3753'

**Casing Specs:**

Pipe	Depth	DRIFT ID (in)	Collapse (psi)	Burst (psi)	Capacity (bbl/ft)
8-5/8", 24#, J-55 ST&C	1650'	7.972"	1370	2950	.0636
5-1/2", 17#, J-55 LT&C Csg	7927'	4.767"	4910	5320	.0232

**Workstring Specifications:**

Pipe	Depth	DRIFT ID (in)	Collapse (psi)	Burst (psi)	Capacity (bbl/ft)
2-7/8", 6.4#, N-80	Wrkstg	2.347	11,160	10570	.00579

**RESERVOIR INFORMATION:**

**Estimated Reservoir Temperature/pressure:**

Bone Springs: 110° F/2100 psig (Pr = 0.38 psi/ft) Estimate  
Yates: 92° F / 1200 psig (Pr = 0.38 psi/ft) Estimate

**Estimated Production:** Oil with Low GOR: Bone Spring  
Oil; may have High GOR: Yates (Eumont Pool)

## **STATE B-19 #2 7 RIVERS COMPLETION**

**Perform pre-job safety assessment prior to beginning daily procedural tasks.**

### **Procedure**

1. MIRU POOL well servicing rig. NU 6" Frac Valve/Spool/BOP's and test BOP's per SOP. Release the packer and POOH. RIH with CIBP for 5-1/2", 17# and set at + 5480' to abandon the Bone Spring. POOH to 3640'.

2. RU Pool to pump acid and inhibited packer fluid. Circulate a balanced plug comprised of the following:

- a) 2% KCL containing BJ adds
- b) 200 gals of inhibited 15% NEFE HCL acid from 3640-3440'
- c) POOH.

Spot acid additives from Chemplex:

3 gpt	Plexhib 164 inhibitor
2 gpt	Plexbreak 145 breaker
0.5gpt	Clayplex 302 Clay stabilizer

**NOTE:** Test the casing to 4700 psig by isolating the 3000 psig BOP's using the Frac valve.

3. RU Baker Atlas pack-off to BOP's. PU cement bailer and dump 25' of cement on top of CIBP. RU packoff and lubricator to the BOP's. RIH w/CCL 4" HSC casing guns with 19 gm charges loaded 2 JSPF at 120' phasing (0.48" diam.; 19" Pen). Perforate 3564-74, 3604-14, 3632-42 (63 holes). RD Baker Atlas.
4. RIH w/8,000 psi differential treating packer on 2-7/8", 6.5# workstring. Set packer at + 3500'. Test backside to 1000 psig.
5. RU test 3-phase separator, flare stack, and a 500 bbl unlined flowback tank. Test equipment to 2000 psig.
6. RU BJ's 3" frac valve to the 2-7/8" EUE 8rd tubing. Install treating line with manual ball launcher and nitrogen relief valve. Open the backside during the treatment and monitor. Open treating valve after testing and perform breakdown using 2000 gallons of 15% HCL with the additives noted on the attached BJ procedure. Maximum anticipated treating pressure will be 2000 PSIG at an expected rate of 5 BPM. Inject 80, 7/8", 1.3 SG ball sealers evenly through the middle 1600 gallons. Obtain ISIP, 5, 10, & 15 minute shut-in pressures. Surge balls and allow to fall 15 minutes.

<b>TREATING LINE TEST PRESSURE</b>	<b>6000 PSIG</b>
<b><u>N, POP OFF SETTING</u></b>	<b>5000 PSIG</b>
<b>ELECTRONIC THROTTLE KILL TRIPS</b> (Applicable with Frac jobs only)	<b>NA</b>
<b>MAXIMUM ALLOWABLE TREATING PRESSURE</b>	<b>4000 PSIG</b>
<b>MAXIMUM ANTICIPATED TREATING PRESSURE</b>	<b>2500 PSIG</b>

7. Pump 50 bbls 2% KCL with additives from a transport at 6-7 bpm. The Max. anticipated treating pressure is 3000 psi. Shut down and monitor pressure decline to closure (Approximately 10-15 minutes).
8. RU swab lubricator and swab on well. Note fluid volumes.
9. Release packer and POOH.
10. RD BOP's and RU Baker Atlas to the 6" frac valve and run a base temperature log.
11. RU BJ services to the 6" frac valve. RU a dual choke manifold, and flowback tank to FRAC the 7 Rivers. Spot 3 – 500 Bbl frac tanks and fill with fresh water. Add Magnacide 575 to each tank.
12. FRAC the 7 Rivers using the attached BJ procedure. Hook-up a pressure transducer to the other casing valve. Treating rate is 35 BPM. Perform a mini-frac using 200 bbls of 2% KCL with additives. Pump the frac tagging with iridium. Flush volume is 81 Bbls (2 Bbls short of top perf; 3564'). RD BJ while recording pressure data from the casing valve transducer. Reference BJ's procedure for additional information.

<b>TREATING LINE TEST PRESSURE</b>	<b>6000 PSIG</b>
<b>N<sub>2</sub> POP OFF SETTING</b>	<b>5000 PSIG</b>
<b>ELECTRONIC THROTTLE KILL TRIPS</b> (Applicable with Frac jobs only)	<b>4500 PSIG</b>
<b>MAXIMUM ALLOWABLE TREATING PRESSURE</b>	<b>4500 PSIG</b>
<b>MAXIMUM ANTICIPATED TREATING PRESSURE</b>	<b>3000 PSIG</b>

13. RU Baker Atlas to the 6" frac valve after RD BJ. Test lubricator to 1000 psig over the SI pressure. RIH with GR/Temp and make multiple passes at 30 fpm logging speed every hour (About 4 hours). RD Baker Atlas, begin flowing back well until load up.

**NOTE:** A production packer will be run and set at + 3490', but not lower than 3500' if the well is found to be prolific. Wellhead specs: 2-1/16", 5M tree one master valve/2-1/16", 5M wing valve/2-1/16", 5M safe-o-matic valve/2-1/16", 5M choke (The safe-o-matic may be put on the production equipment pending the Facility Engineers recommendation).

**NOTE:** If the well flows run 2-3/8" x 5-1/2", 17# Production packer/2-3/8", 4.7# J-55"F" profile nipple on 2-3/8" (1.78" I.D).

14. Kill the well and RIH with the following production equipment:

**Tubing String:**

- a) 5' SOPMA
- b) S/N
- c) 2 3/8", 4.7# J-55 tubing (3650')
- d) Put 2-3/8" x 5-1/2" tubing anchor at + 3450'
- e) Enough 2-3/8" to land tubing.

**Rod String:**

- a) 20-125-16-RXBC-3 Type "A" pump
- b) 2 – 1-1/2" K-bars
- c) 3/4" Grade "C" rods
- d) 1-1/2" x 25 Polished Rod

e) Set pony rods for space out.

Pumping Tee and piping per SOP. RDMO

15. Put production in the flowback tank to evaluate wells potential for facilities design and Eumont development evaluation.



+Submit 3 Copies  
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  
**DISTRICT II**  
P.O. Drawer DD, Artesia, NM 88210  
**DISTRICT III**  
1000 Rio Brazos Rd., Aztec, NM 87410

# **OIL CONSERVATION DIVISION**

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

WELL API NO. <b>30 025 34936</b>
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. <b>BH 1535</b>
7. Lease Name or Unit Agreement Name <b>State B-19</b>
8. Well No. <b>2</b>
9. Pool name or Wildcat <b>Abo Wildcat</b>

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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 checked="" type="checkbox"/> Gas Well <input type="checkbox"/> OTHER <input type="checkbox"/> <b>Injection</b>	
2. Name of Operator <b>Conoco Inc.</b>	
3. Address of Operator <b>10 Desta Dr. Ste 100W, Midland, Tx., 79705-4500</b>	
4. Well Location Unit Letter <b>H</b> <b>2275</b> Feet From The <b>North</b> Line and <b>1215</b> Feet From The <b>East</b> Line Section <b>19</b> Township <b>18S</b> Range <b>37E</b> NMPM <b>Lea</b> County	
10. Elevation (Show whether <i>DF, RKB, RT, GR, etc.</i> ) <b>3742'</b>	

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

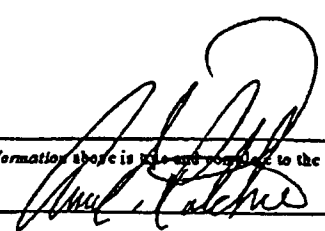
12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

3-21-00: Spudded 12 1/4" hole, drilling.

3-23-00: Ran 1650' of 8 5/8", 24#, J-55, STC casing, cemented with lead slurry of 580 sx 65:35:6 Cl C + 2% CaCl 2T, .25#/sx celloflake, tailed with 218 sx Cl C + 2% CaCl2. Waited on cement. Tested to 1000#. Cement circulated to surface.

3-24-00: Drilling.

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

SIGNATURE  TITLE Regulatory Agent DATE 4-5-00

TYPE OR PRINT NAME Ann E. Ritchie TELEPHONE NO. 915 684-6381

(This space for State Use)

ORIGINAL SIGNED BY CHRIS WILLIAMS  
DISTRICT I SUPERVISOR

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE APR 13 2000

CONDITIONS OF APPROVAL, IF ANY:

CC: SHEAR, PONEA, COST ASST, FIELD, WTOR, WELL FILE

Submit 3 Copies  
to Appropriate  
District Office

State of New Mexico  
Energy, Minerals and Natural Resources Department

**COPY**

Form C 103  
Revised 1-1-89

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

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

WELL API NO.	30 025 34936
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	BH 1535
7. Lease Name or Unit Agreement Name	State B - 19
8. Well No.	2
9. Pool name or Wildcat	Abo Wildcat

**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 Injection

2. Name of Operator

Conoco Inc.

3. Address of Operator

10 Desta Dr. Ste 100W, Midland, Tx., 79705-4500

4. Well Location

Unit Letter H 2275 Feet From The North Line and 1215 Feet From The East Line

Section 19 Township 18S Range 37E NMPM Lea County

10. Elevation (Show whether DP, RKB, RT, GR, etc.)  
3742' GR

11.

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 ☐

OTHER: ☐

**SUBSEQUENT REPORT OF:**

REMEDIAL WORK ☐

ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐

PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☒

OTHER ☐

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.

4-6-00: Reached TD of 7950', logging open hole.

4-7-00: Ran 5 1/2", 17#, J/LTC casing to 7927'. Cemented with first stage - 200 sx 65:35 poz, 230 sx CI C and 200 sx 65:35 pox. WOC - opened stage tool with 1000 psi and circulated 65 sx of cement to pit. Second Stage - 850 sx, 65:35 POZ and 385 sx CI C w/2% CaCl2, full returns, circulated 188 sx to pit. Landed plug w/550 psi, floats held. Tested BOP & casing 1500 psi - good test. Circulated cement on both stages. Waiting on completion.

*Amend intent  
40 TGA  
will be  
submitted*

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

SIGNATURE Ann E. Ritchie TITLE Regulatory Agent

DATE 4-27-00

TYPE OR PRINT NAME Ann E. Ritchie

TELEPHONE NO. 915 684-6381

(this space for State Use)

APPROVED BY

ORIGINAL SIGNED BY CHRIS WILLIAMS  
DISTRICT SUPERVISOR

DATE

MAY 03 2000

CONDITIONS OF APPROVAL, IF ANY:

Dist: SHEAR, POWLA, COST ASST, WTOR, FIELD, FILE Room

Submits 3 Copies  
to Appropriate  
District Office

State of New Mexico  
Energy, Minerals and Natural Resources Department

**COPY**

Form C 103  
Revised 1-1-89

## DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

## DISTRICT II

P.O. Drawer D10, Artesia, NM 88210

## DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

## OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

WELL API NO.

30 025 34936

5. Indicate Type of Lease.

STATE ☒FEE ☐

6. State Oil &amp; Gas Lease No.

BH 1535

7. Lease Name or Unit Agreement Name

State B - 19

8. Well No.

2

9. Pool name or Wildcat

Abo Wildcat

## 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: Injection

2. Name of Operator

Conoco Inc.

3. Address of Operator

10 Desta Dr. Ste 100W, Midland, Tx, 79705-4500

4. Well Location

Unit Letter H 2275 Feet From The North Line and 1215 Feet From The East LineSection 19 Township 18S Range 37E NMPM Lea County10. Elevation (Show whether DF, RKB, RT, GR, etc.)  
3742' GR

11.

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 ☐OTHER: ☐

## SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ALTERING CASING ☐COMMENCE DRILLING OPNS. ☐PLUG AND ABANDONMENT ☐CASING TEST AND CEMENT JOB ☐OTHER: Perforations ☒

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).

4-8-00: Rigged up, tested BOP to 1500 psi, RIH w/4 3/4" bit &amp; workstring, prep to drill out. SION.

4-9-00: Drilled out cement &amp; DV tool, RIH &amp; tagged up @ 7750', circulated. Spotted 240 gals 15% NEFE HCL, prep to run logs.

4-10-00: Ran GR/CCL/CBL from 6700-surface. Perforated 2 SPF from 5506-26, 5527-47, 5552-72'. Prep to acidize. SION.

4-11-00: Rigged up BJ, tested lines, treated with 2750 gals 15% HCL w/additives. Open well to frac tank. Well died. Start swab. SION. Evaluating completion.

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

SIGNATURE

TITLE

Regulatory Agent

DATE

6-9-00

TYPE OR PRINT NAME Ann E. Ritchie

TELEPHONE NO. 915 684-6381

(This space for State Use)

APPROVED BY

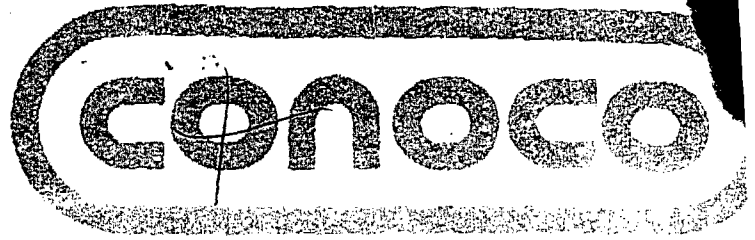
ORIGINAL SIGNED BY CHRIS WILLIAMS  
DISTRICT I SUPERVISOR

CONDITIONS OF APPROVAL, IF ANY.

CC: SHEAR, POWELL, COST ASST, WTOR, FIELD, FILE Room

JUN 14 2000

10 Desta Drive, Suite 100W  
Midland, Texas 79705  
Phone: (915) 686-5400



**FAX**

To: *Michael Stogner*

From:

*Kay Maddox*

Phone No:

Phone No:

*686-5798*

Fax No: *505-827-1389*

Fax No:

*915-686-5780*

Date:

Pages:

*11* + COVER

Re:

CC:

☒ Urgent ☐ For Review ☒ Please Comment

☐ Please Reply ☐ Please Recycle

Comments:

*You can E-mail me*

*@ mKay.Maddox@USA.Conoco.com*

*Thanks so much!*



Mid-Continent Region  
Exploration/Production

Conoco Inc.  
10 Desta Drive, Suite 100W  
Midland, TX 79705-4500  
(915) 686-5400

July 19, 2000

Mr. Michael Stogner  
New Mexico Oil Conservation  
2040 Pacheco  
Santa Fe, NM 87504

RE: Application to Amend NSL Order # 4411  
To Wildcat Seven Rivers

State B-19 #2  
Section 19, T-18-S, R-37-E, H  
API # 30-025-34936  
Lea County, NM

Dear Mr. Stogner,

Conoco applied for a Non-Standard location for this well to test the Abo in February, 2000. You approved this request with Order # 4411 as a non-standard Undesignated Goodwin- Abo well. This well was spudded March 21, reached a TD of 7950' on April 6. The Abo was perforated, fraced, and tested non-productive. The drilling unit was moved off and the well was temporarily abandoned pending data evaluation. Based on log calculations and a show of oil on the pits when drilling through this formation, Conoco's geoscientists believe that this well is a Northern extension connecting the East Eumont pool with the NW Eumont pool. The closest Eumont production is the Southwest Royalty, McMillian #2 located in Section 29, T-18-S, R-37-E, Unit letter K. This production is more than 1 mile from the State B-19 #2. Conoco believes that this well will be completed as an oil well thereby requiring a standard proration unit of 40 acres just like the Goodwin - Abo. The N/2, N/2 SW/2 and SE/4 of Section 19 is a single state lease issued by the NMSLO (Lease # BH-1535) in which Conoco, Inc is the leasehold operators; therefore, there are no effected offsets to the subject 40 acre tract other than Conoco, Inc. In order to prevent economic waste, Conoco, Inc. request that NSL Order #4411 be amended to the Wildcat Seven Rivers.

A cover unit has become available to us that could move on this well Friday, July 21. As I am sure you are aware due to increased activity in New Mexico, scheduling projects is very tenuous. In light of this activity, I am sure you are covered up. However, I am respectfully requesting that you please review this NSL amendment today and respond with your evaluation of the feasibility of doing this work immediately. Thank you very much.

Sincerely,

Kay Maddox  
Regulatory Agent - Conoco, Inc



**NEW MEXICO ENERGY, MINERALS  
& NATURAL RESOURCES DEPARTMENT**

**OIL CONSERVATION DIVISION**  
2040 South Pacheco Street  
Santa Fe, New Mexico 87505  
(505) 827-7131

February 18, 2000

**Conoco, Inc.**  
10 Desta Drive - Suite 100W  
Midland, Texas 79705-4500  
Attention: Kay Maddox

**Telefax No. (915) 686-5558**

*Administrative Order NSL-4411*

Dear Ms. Maddox:

Reference is made to the following: (i) your most excellent application dated February 7, 2000; and (ii) to the records of the New Mexico Oil Conservation Division in Santa Fe ("Division") in Santa Fe: concerning Conoco, Inc.'s request for an unorthodox Abo oil well location for its proposed State "B-19" Well No. 2 to be drilled 2275 feet from the North line and 1215 feet from the East line (Unit H) of Section 19, Township 18 South, Range 37 East, NMPM, Undesignated Goodwin-Abo Pool, Lea County, New Mexico. The SE/4 NE/4 of Section 19 is to be dedicated to this well in order to form a standard 40-acre oil spacing and proration unit.

This application has been duly filed under the provisions of Division Rule 104.F, revised by Division Order No. R-11231, issued by the New Mexico Oil Conservation Commission in Case No. 12119 on August 12, 1999.

It is our understanding that the N/2, N/2 SW/4, and SE/4 of Section 19 is a single state lease issued by the New Mexico State Land Office (State Lease No. BH-1535) in which Conoco, Inc. is the leasehold operator; therefore, there are no effected offsets to the subject 40-acre tract other than Conoco, Inc.

It is further understood that this location exception is based on a 3-D seismic survey of the immediate area which indicates that a well drilled at the proposed unorthodox location should penetrate the Permian Abo Reef at a more structurally advantageous position within the subject 40-acre unit than a well drilled at a standard location, thereby increasing the likelihood of obtaining commercial production.

By the authority granted me under the provisions of Division Rule 104.F (2), the above-described unorthodox oil well location is hereby approved.

Sincerely,

Lori Wrotenberg  
Director

LW/MES/kv

cc: New Mexico Oil Conservation Division - Hobbs  
New Mexico State Land Office - Santa Fe

District I  
PO Box 1980, Hobbs, NM 88241-1980  
District II  
PO Drawer DD, Artesia, NM 88211-0719  
District III  
1009 Rio Brazos Rd., Aztec, NM 87410  
District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department

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

Form C-101  
Revised February 10, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 6 Copies  
Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

Operator Name and Address: Conoco Inc 10 Desta Dr. Ste. 100W Midland, Tx. 79705-4500		OCRID No. 005073
Property Code 24333		API Number 30 - 025-34936
Property Name State B-19		Well No. #2

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	19	18S	37E		2275'	North	1215'	East	Lea

s Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Proposed Pool 1					Proposed Pool 2				
Wildcat Seven Rivers									

Work Type Code	Well Type Code	Cable/Rotary	Lease type Code	14 Ground Level Elevation
16 Multiple	17 Proposed Depth	18 Formation	19 Contractor	3742'
				20 Spud Date

21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
Same as original					

Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

It is proposed to recomplete this well to the Seven Rivers using the attached procedure.

I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Kay Maddox</i>		OIL CONSERVATION DIVISION	
Printed name: Kay Maddox		Approved by:	
Title: Regulatory Agent - Conoco, Inc.		Title:	
Date: July 19, 2000		Approval Date: Expiration Date:	
Phone: (915) 686-5798		Conditions of Approval: Attached	

District I  
PO Box 1980, Hobbs, NM 88241-1980

District II  
PO Drawer DD, Artesia, NM 88211-0719

District III  
1000 Rio Brazos Rd. Aztec, NM 87410

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

State of New Mexico  
Energy, Minerals & Natural Resources Department

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

Form C-102

Revised February 21, 1994  
Instructions on back

Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-34936	2 Pool Code	3 Pool Name Wildcat Seven Rivers
4 Property Code 25333	5 Property Name State B-19	6 Well Number #2
7 OGRID No. 005073	8 Operator Name Conoco Inc., 10 Desta Drive, Ste. 100W, Midland, TX 79705 4500	9 Elevation 3742'

## 10 Surface Location

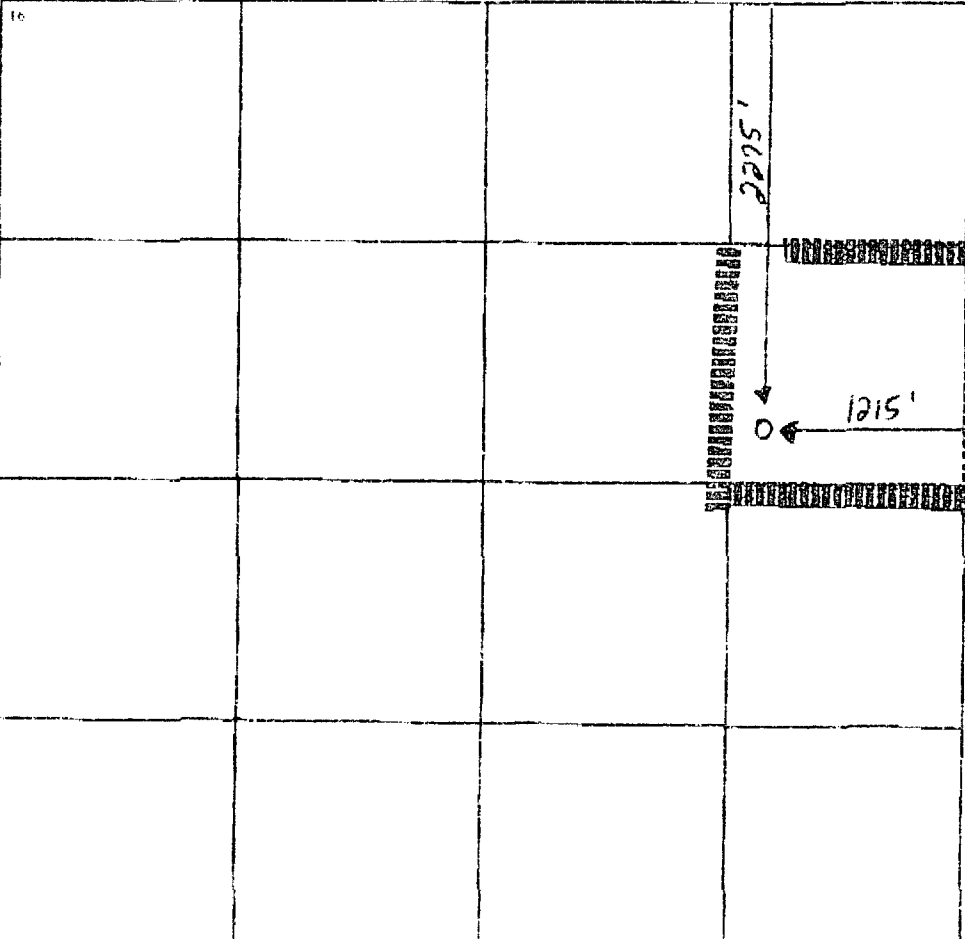

UL or lot no. H	Section 19	Township 18S	Range 37E	Lot Idn	Feet from the 2275	North/South line North	Feet from the 1215	East/West line East	County Lea
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## 11 Bottom Hole Location If Different From Surface

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 40	13 Joint or Infill	14 Consolidation Code	15 Order No. Need to Amend NSL Order #4411
--------------------------	--------------------	-----------------------	---

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	<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.   Signature Kay Maddox Printed Name Regulatory Agent Title July 19, 2000 Date	
	<b>18 SURVEYOR CERTIFICATION</b> I hereby certify that the well location shown on this plat 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.  Date of Survey Signature and Seal of Professional Surveyor	
	Certificate Number	



**STATE B-19 #2**  
**AFE 51-61-8785**  
**7 Rivers Completion**  
**June 14, 2000 (Revision 2)**

**Summary**

This procedure addresses an uphole completion to the Eumont Pool. The zone is oil bearing at this location.

**WELL INFORMATION:**

Current Status: See dailies on Bone Spring completion

Last Action To Well: Reference dailies on Bone Spring completion

Location: 2275' FNL & 1215' FEL, Sec 19-18S-37E

API Number: 30-025-34936

TD: 7927'

PBTD: 7750' Tagged up on cement

GLE: 3742'

KBE: 3753'

**Casing Specs:**

Pipe	Depth	DRIFT ID (in)	Collapse (psi)	Burst (psi)	Capacity (bbl/ft)
8-5/8", 24#, J-55 ST&C	1650'	7.972"	1370	2950	.0636
5-1/2", 17#, J-55 LT&C Csg	7927'	4.767"	4910	5320	.0232

**Workstring Specifications:**

Pipe	Depth	DRIFT ID (in)	Collapse (psi)	Burst (psi)	Capacity (bbl/ft)
2-7/8", 6.4#, N-80	Wrkstg	2.347	11,160	10570	.00579

**RESERVOIR INFORMATION:****Estimated Reservoir Temperature/pressure:**

Bone Springs: 110° F/2100 psig (Pr = 0.38 psi/ft) Estimate

Yates: 92° F / 1200 psig (Pr = 0.38 psi/ft) Estimate

**Estimated Production:** Oil with Low GOR: Bone Spring  
 Oil; may have High GOR: Yates (Eumont Pool)

State B-19 #2 7 rivers Completion  
June 14, 2000

## STATE B-19 #2 7 RIVERS COMPLETION

**Perform pre-job safety assessment prior to beginning daily procedural tasks.**

### Procedure

1. MIRU POOL well servicing rig. NU 6" Frac Valve/Spool/BOP's and test BOP's per SOP. Release the packer and POOH. RIH with CIBP for 5-1/2", 17# and set at + 5480' to abandon the Bone Spring. POOH to 3640'.
2. RU Pool to pump acid and inhibited packer fluid. Circulate a balanced plug comprised of the following:
  - a) 2% KCL containing BJ adds
  - b) 200 gals of inhibited 15% NEFE HCL acid from 3640-3440'
  - c) POOH.

Spot acid additives from Chemplex:

3 gpt	Plexhib 164 inhibitor
2 gpt	Plexbreak 145 breaker
0.5gpt	Clayplex 302 Clay stabilizer

**NOTE:** Test the casing to 4700 psig by isolating the 3000 psig BOP's using the Frac valve.

3. RU Baker Atlas pack-off to BOP's. PU cement bailer and dump 25' of cement on top of CIBP. RU packoff and lubricator to the BOP's. RIH w/CCL 1/4" HSC casing guns with 19 gm charges loaded 2 JSPF at 120' phasing (0.43" diam.; 19" Pen). Perforate 3564-74, 3604-14, 3632-42 (63 holes). RD Baker Atlas.
4. RIH w/8,000 psi differential treating packer on 2-7/8", 6.5# workstring. Set packer at + 3500'. Test backside to 1000 psig.
5. RU test 3-phase separator, flare stack, and a 500 bbl unlined flowback tank. Test equipment to 2000 psig.
6. RU BJ's 3" frac valve to the 2-7/8" EUE 8rd tubing. Install treating line with manual ball launcher and nitrogen relief valve. Open the backside during the treatment and monitor. Open treating valve after testing and perform breakdown using 2000 gallons of 15% HCL with the additives noted on the attached BJ procedure. Maximum anticipated treating pressure will be 2000 PSIG at an expected rate of 5 BPM. Inject 80, 7/8", 1.3 SG ball sealers evenly through the middle 1600 gallons. Obtain ISIP, 5, 10, & 15 minute shut-in pressures. Surge balls and allow to fall 15 minutes.

<b>TREATING LINE TEST PRESSURE</b>	<b>6000 PSIG</b>
<b>N. POP OFF SETTING</b>	<b>5000 PSIG</b>
<b>ELECTRONIC THROTTLE KILL TRIPS</b> (Applicable with Frac jobs only)	<b>NA</b>
<b>MAXIMUM ALLOWABLE TREATING PRESSURE</b>	<b>4000 PSIG</b>
<b>MAXIMUM ANTICIPATED TREATING PRESSURE</b>	<b>2500 PSIG</b>

State B-19 #2 7 Rivers Completion  
June 14, 2000

7. Pump 50 bbls 2% KCL with additives from a transport at 6-7 bpm. The Max. anticipated treating pressure is 3000 psi. Shut down and monitor pressure decline to closure (Approximately 10-15 minutes).
8. RU swab lubricator and swab on well. Note fluid volumes.
9. Release packer and POOH.
10. RD BOP's and RU Baker Atlas to the 6" frac valve and run a base temperature log.
11. RU BJ services to the 6" frac valve. RU a dual choke manifold, and flowback tank to FRAC the 7 Rivers. Spot 3 - 500 Bbl frac tanks and fill with fresh water. Add Magnacide 575 to each tank
12. FRAC the 7 Rivers using the attached BJ procedure. Hook-up a pressure transducer to the other casing valve. Treating rate is 35 BPM. Perform a mini-frac using 200 bbls of 2% KCL with additives. Pump the frac tagging with iridium. Flush volume is 81 Bbls (2 Bbls short of top perf; 3564'). RD BJ while recording pressure data from the casing valve transducer. Reference BJ's procedure for additional information.

<b>TREATING LINE TEST PRESSURE</b>	<b>6000 PSIG</b>
<b>N<sub>2</sub> POP OFF SETTING</b>	<b>5000 PSIG</b>
<b>ELECTRONIC THROTTLE KILL TRIPS</b> (Applicable with Frac jobs only)	<b>4500 PSIG</b>
<b>MAXIMUM ALLOWABLE TREATING PRESSURE</b>	<b>4500 PSIG</b>
<b>MAXIMUM ANTICIPATED TREATING PRESSURE</b>	<b>3000 PSIG</b>

13. RU Baker Atlas to the 6" frac valve after RD BJ. Test lubricator to 1000 psig over the SI pressure. RIH with GR/Temp and make multiple passes at 30 fpm logging speed every hour (About 4 hours). RD Baker Atlas, begin flowing back well until load up.

**NOTE:** A production packer will be run and set at + 3490', but not lower than 3500' if the well is found to be prolific. Wellhead specs: 2-1/16", 5M tree one master valve/2-1/16", 5M wing valve/2-1/16", 5M safe-o-matic valve/2-1/16", 5M choke (The safe-o-matic may be put on the production equipment pending the Facility Engineers recommendation).

**NOTE:** If the well flows run 2-3/8" x 5-1/2", 17# Production packer/2-3/8", 4.7# J-55/F" profile nipple on 2-3/8" (1.78" I.D.).

14. Kill the well and RIH with the following production equipment:

**Tubing String:**

- a) 5' SOPMA
- b) S/N
- c) 2 3/8", 4.7# J-55 tubing (3650')
- d) Put 2-3/8" x 5-1/2" tubing anchor at + 3450'
- e) Enough 2-3/8" to land tubing.

**Rod String:**

- a) 20-125-16-RXBC-3 Type "A" pump
- b) 2 - 1-1/2" K-bars
- c) 3/4" Grade "C" rods
- d) 1-1/2" x 25 Polished Rod

State B-19 #37 ivers Completion  
June 14, 2000

e) Set pony rods for space out.

Pumping Tee and piping per SOP. RDMO

15. Put production in the flowback tank to evaluate wells potential for facilities design and Eumont development evaluation.

+Submit 3 Copies  
 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 58240  
**DISTRICT II**  
 P.O. Drawer DD, Artesia, NM 88210  
**DISTRICT III**  
 1000 Rio Brazos Rd., Aztec, NM 87410

**OIL CONSERVATION DIVISION**  
 P.O. Box 2088  
 Santa Fe, New Mexico 87504-2088

WELL API NO.	30 025 34936
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	BH 1535
7. Lease Name or Unit Agreement Name	State B-19
8. Well No.	2
9. Pool name or Wildcat	Abso Wildcat

**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.)

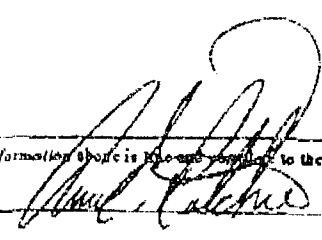
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Injection	2. Name of Operator Conoco Inc.
3. Address of Operator 10 Dista Dr. Ste 100W, Midland, Tx. 79705-4500	4. Well Location Unit Letter H 2275 Feet From The North Line and 1215 Feet From The East Line Section 19 Township 18S Range 37E NMPM Lea County
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3742'	

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

3-21-00: Spudded 12 1/4" hole, drilling.  
 3-23-00: Ran 1650' of 8 5/8", 24#, J-55, STC casing, cemented with lead slurry of 580 sx 65:35:6 Cl C + 2% CaCl 2T, .25#/sx celloflake, tailed with 218 sx Cl C + 2% CaCl2. Waited on cement. Tested to 1000#. Cement circulated to surface.  
 3-24-00: Drilling.

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

SIGNATURE  TITLE Regulatory Agent DATE 4-5-00  
 TYPE OR PRINT NAME: Ann E. Ritchie TELEPHONE NO. 915 624-6381

(This space for State Use)

ORIGINAL SIGNED BY CHRIS WILLIAMS  
 DISTRICT I SUPERVISOR

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE APR 13 2000

CONDITIONS OF APPROVAL, IF ANY:

CC: SHEAR, RONEA, COST ABST, FIELD, WTOR, WELL FILE

• Submit 3 Copies  
to Appropriate  
District Office

State of New Mexico  
Energy, Minerals and Natural Resources Department

**COPY**

Form C-103  
Revised 1-1-89

DISTRICT I  
P.O. Box 1989, Hobbs, NM 88240  
DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210  
DISTRICT III  
1090 Rio Brazos Rd., Aztec, NM 87410

**OIL CONSERVATION DIVISION**  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

WELL API NO.	30 025 34936
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	BH 1535
7. Lease Name or Unit Agreement Name	State B - 19
8. Well No.	2
9. Pool name or Wildcat	Abo Wildcat

1. Type of Well:	Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> OTHER <input type="checkbox"/> Injection
2. Name of Operator	Conoco Inc.
3. Address of Operator	10 Dests Dr. Ste 100W, Midland, Tx., 79705-4500
4. Well Location	Unit Letter <u>H</u> <u>2275</u> Feet From The <u>North</u> Line and <u>1215</u> Feet From The <u>East</u> Line Section <u>19</u> Township <u>18S</u> Range <u>37E</u> NMPM <u>1</u> Lea <u>1</u> County <u>1</u>
10. Elevation (Show whether DP, RTB, RT, GR, etc.)	3742 GR

**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.)

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 ☐  
OTHER: ☐

**SUBSEQUENT REPORT OF:**

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐  
CASING TEST AND CEMENT JOB ☒  
OTHER: ☐

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.

4-6-00: Reached TD of 7950', logging open hole.

4-7-00: Ran 5 1/2", 17#, J/LTC casing to 7927'. Cemented with first stage - 200 sx 65:35 poz, 230 sx Cl C and 200 sx 65:35 poz. WOC - opened stage tool with 1000 psi and circulated 65 sx of cement to pit. Second Stage - 850 sx, 65:35 POZ and 385 sx Cl C w/2% CaCl2, full returns, circulated 188 sx to pit. Landed plug w/550 psi, floats held. Tested BOP & casing 1500 psi - good test. Circulated cement on both stages. Waiting on completion.

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

SIGNATURE Ann E. Ritchie TITLE Regulatory Agent DATE 4-27-00  
TYPE OR PRINT NAME Ann E. Ritchie TELEPHONE NO. 915 684-6381

(This space for State Use)

APPROVED BY ORIGINAL SIGNED BY CHRIS WILLIAMS DATE MAY 03 2000  
DISTRICT SUPERVISOR

DIST: SHEAR, POWEA, COST ASST, WTOR, FIELD, FILE Room

Submit 3 Copies  
to Appropriate  
District Office

State of New Mexico  
Energy, Minerals and Natural Resources Department

**COPY**

Form C-103  
Revised 1-1-89

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

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
1000 Rio Pagan Rd., Artesia, NM 87410

**OIL CONSERVATION DIVISION**

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

WELL APIN NO.	30 025 34936
5. Indicate Type of Lease.	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	BH 1535
7. Lease Name or Unit Agreement Name	State B - 19
8. Well No.	2
9. Pool name or Wildcat	Abo Wildcat

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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 checked="" type="checkbox"/> Gas Well <input type="checkbox"/> OTHER: Injection
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>H</u> <u>2275</u> Feet From The <u>North</u> Line and <u>1215</u> Feet From The <u>East</u> Line Section <u>19</u> Township <u>18S</u> Range <u>37E</u> NMPM Lea County
10. Elevation (Show whether DP, RKB, KT, GR, etc.) <u>3742' GR</u>	

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

4-8-00: Rigged up, tested BOP to 1500 psi, RIH w/ 3/4" bit & workstring, prep to drill out. SION  
 4-9-00: Drilled out cement & DV tool, RIH & tagged up @ 7150', circulated. Spotted 240 gals 15% NEFE/HCL, prep to run logs.  
 4-10-00: Ran GR/OCL/CBL from 6700-surface. Perforated 2 SPF from 5506-26, 5527-47, 5552-72'. Prep to acidize. SION.  
 4-11-00: Rigged up BJ, tested lines, treated with 2750 gals 15% HCL w/additives. Open well to frac tank. Well died. Start swab. SION.  
 Evaluating completion.

(I hereby certify) that the information shown here is true and complete to the best of my knowledge and belief

SIGNATURE Ann E. Ritchie TITLE Regulatory Agent DATE 6-9-00  
 TYPE OR PRINT NAME Ann E. Ritchie TELEPHONE NO. 915 684-6381

(This space for State Use)

APPROVED BY Chris Williams ORIGINAL SIGNED BY CHRIS WILLIAMS  
 DISTRICT SUPERVISOR

CONDITIONS OF APPROVAL IF ANY:

CC: SHEAR, PONCA, Cost Asst, ~~INTER~~, FIELD, FILE Room

JUN 14 2000