

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

N.M. OIL CONS. COMMISSION  
P.O. BOX 1980  
HOBBS, NEW MEXICO 88240

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. <u>LC 031670B</u>
2. Name of Operator <u>Conoco. Inc.</u>	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. <u>10 Desta Dr. Ste 100W, Midland, TX 79705</u>	7. If Unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <u>660' FNL &amp; 610' FWL</u> <u>Sec. 28, T-20S, R-38E</u>	8. Well Name and No. <u>Warren Unit No. 116</u>
	9. API Well No. <u>NA</u>
	10. Field and Pool, or Exploratory Area <u>Warren Blinebry-Tubb</u>
	11. County or Parish, State <u>Lea</u>

**12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other
	<input checked="" type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

A previously approved APD for this well proposed a well plan with hole and casing sizes adequate for a dual completion. A re-evaluation of this project has resulted in changing the hole and casing sizes in the well plan to anticipate only a single completion.

These proposed changes are incorporated into the revised Well Plan Outline and Cementing Program that are attached. Approval of these changes in the original APD are requested for the drilling of this well.

14. I hereby certify that the foregoing is true and correct

Signed

*Shannon J. Shaw*

Title

Sr. Conservation Coordinator

Date

1/5/95

(This space for Federal or State office use)

Approved by

Signed by Shannon J. Shaw

Title

**PETROLEUM ENGINEER**

Date

2/6/95

Conditions of approval, if any:

# PROPOSED WELL PLAN OUTLINE

WELL NAME **WARREN UNIT NO.116**

LOCATION **660'FNL 660'FWL SECT. 28 T-20S R-38E LEA CO.**

TVD IN 1000'	MD	FORMATION TOPS & TYPE	DRILLING PROBLEMS	TYPE OF FORMATION EVALUATION	HOLE SIZE	CASING SIZE DEPTH	FRAC GRAD	FORMATION PRESSURE GRADIENT	WT	MUD TYPE	DAYS
0			POSSIBLE HOLE ENLARGEMENT & SLOUGHING		12-1/4"				8.4	FRESH	
1		RUSTLER 1430'			7-7/8"	8-5/8" 1500'			10	BRINE	3
2		BASE SALT 2525'		2-MAN MUD LOGGERS 2500' - TD							
3		YATES 2730'									
		7-RIVERS 2985'									5
		GRAYBURG 3575'									
4		SAN ANDRES 4040'		H2S MONITORS AT 4000'							
								LESS THAN 8.3			
5		GLORIETTA 5355'	POSSIBLE LOST CIRCULATION OR SEEPAGE. W.U.35 HAD STUCK PIPE DUE TO DIFFERENTIAL STICKING WHILE DRILLING THRU GLORIETTA								8
		BLINEBRY 5805'	POSSIBLE SEEPAGE FROM BLINEBRY - TD						9.2	BRINE STARCH	10
6		TUBB 6315'		GR-CAL-DDL-MSFL FROM 2500' - TD							
		DRINKARD 6605'		GR-CAL-FDC-CNL-PE FROM 2500' - TD							
7		TD 6975'		DI-Electric BRING GR-CAL TO SURFACE ON ONE SUITE	5-1/2"	6975'		LESS THAN 8.3			17
8											

DATE **05 JANUARY 1995**

APPROVED \_\_\_\_\_

DRILLING ENGINEER

\_\_\_\_\_  
DIVISION DRILLING SUPERVISOR

RECEIVED

2011  
HOBBS  
OFFICE

WELL NAME: Warren Unit No. 116

C E M E N T I N G      P R O G R A M

SURFACE CASING STRING

LEAD	<u>650</u>	sxs	Class	<u>C</u>	Mixed at	<u>13.7</u>	ppg
Additives	<u>4 % Gel + 2 % CaCl<sub>2</sub> + .2% SMS</u>						
TAIL	<u>270</u>	sxs	Class	<u>C</u>	Mixed at	<u>14.8</u>	ppg
Additives	<u>2 % CaCl</u>						

PRODUCTION CASING STRING

1st STAGE

LEAD	<u>100</u>	sxs	Class	<u>C</u>	Mixed at	<u>12.8</u>	ppg
Additives	<u>65:35:6 BJ Lite, .2 % SMS</u>						
TAIL	<u>400</u>	sxs	Class	<u>C</u>	Mixed at	<u>14.8</u>	ppg
Additives	<u>1 % BAIO, .2 % SMS, 1 % A-7</u>						

2nd STAGE

LEAD	<u>690</u>	sxs	Class	<u>C</u>	Mixed at	<u>12.8</u>	ppg
Additives	<u>65:35:6 BJ Lite, .2 % SMS</u>						
TAIL	<u>750</u>	sxs	Class	<u>C</u>	Mixed at	<u>14.8</u>	ppg
Additives	<u>1 % BAIO, .2 % SMS, 1 % A-7</u>						