

Submit to Appropriate  
District Office  
State Lease -- 6 copies  
Fee Lease -- 5 copies

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-101  
Revised 1-1-89

OIL CONSERVATION DIVISION

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

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

API NO. (assigned by OCD on New Wells)

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.  
B-2657

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work:

DRILL ☒ RE-ENTER ☐ DEEPEN ☐ PLUG BACK ☐

b. Type of Well:

OIL WELL ☒ GAS WELL ☐ OTHER ☐

SINGLE ZONE ☒ MULTIPLE ZONE ☐

7. Lease Name or Unit Agreement Name

State A-2

2. Name of Operator

Conoco, Inc.

8. Well No.

5

3. Address of Operator

10 Desta Dr. Ste 100W, Midland, TX 79705

9. Pool name or Wildcat

Justis Tubbs-Drinkard

4. Well Location

Unit Letter 0 : 990 Feet From The South Line and 2005 Feet From The East Line

Section 2 Township 25S Range 37E NMPM Lea County

10. Proposed Depth  
6300'

11. Formation  
Tubbs-Drinkard

12. Rotary or C.T.  
Rotary

13. Elevations (Show whether DF, RT, GR, etc.)

3142'

14. Kind & Status Plug. Bond

Blanket

15. Drilling Contractor

16. Approx. Date Work will start

8/1/94

17.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17-1/2"	13-3/8"	54.5#	350'	370 sxs	circulated
11"	8-5/8"	32#	4600'	1850 sx	circulated
7-7/8"	5-1/2"	17#	6300'	1200 sxs	Circulated

It is proposed to drill this well vertically through the Drinkard formation according to the plan outlined in the following attachments:

1. Well Location and Acreage Dedication Plat (C-102)
2. Proposed Well Plan Outline.
3. Cementing Program.
4. BOP and Choke Manifold Specifications.

OPER. OGRID NO. 5073

PROPERTY NO. 3071

POOL CODE 33230

EFF DATE 4/12/94

API NO. 30-23-33230

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

SIGNATURE

*Jerry W. Hoover*

TITLE

Sr. Conservation Coordinator

DATE

4/8/94

TYPE OR PRINT NAME

Jerry W. Hoover

(915) 686-6548

TELEPHONE NO.

(This space for State Use)

APPROVED BY

TITLE

ORIGINAL SIGNED BY JERRY SEXTON  
DISTRICT SUPERVISOR

DATE

APR 12 1994

CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval  
Date Unless Drilling Underway.

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 10, 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 30-025-32474		Pool Code 35280	Pool Name Justis Tubb Drinkard
Property Code 3091	Property Name STATE A-2		Well Number 5
OGRID No. 3073	Operator Name CONOCO INC.		Elevation 3142

10 Surface Location

UL or lot no. 0	Section 2	Township 25-S	Range 37-E	Lot Ida	Feet from the 990	North/South line SOUTH	Feet from the 2005	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 Ida	Feet from the	North/South line	Feet from the	East/West line	County
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Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.
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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					17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature Jerry W. Hoover Printed Name Sr. Conservation Coordinator Title 4/8/94 Date
					18 SURVEYOR CERTIFICATION 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. 3/25/94 Date of Survey Signature and Seal of Professional Surveyor Earl Foote Certificate Number 8278

5  
2005'  
996'

# PROPOSED WELL PLAN OUTLINE

WELL NAME **STATE A-2 NO. 5**

LOCATION **990' FSL 2005' FEL S-2 T-25S R-37E**

TVD IN 1000'	MD	FORMATION TOPS & TYPE	DRILLING PROBLEMS	TYPE OF FORMATION EVALUATION	HOLE SIZE	CASING SIZE DEPTH	FRAC GRAD	FORMATION PRESSURE GRADIENT	MUD W" TYPE	DAYS
0					17-1/2"	13-3/8" 350'			FRESH	
1		RUSTLER 920'	POSSIBLE LOST CIRCULATION FROM SURFACE TO 4600'						10.0 PPG BRINE	
2		B/SALT 2200' YATES 2368' "-RIVERS 2623'	DIFFERENTIAL STICKING IN 12-1/4" HOLE	H2S EQUIP ON AT 2000'	11"					
3		QUEEN 3093' GRAYBURG 3365' SAN ANDRES 3619'								
4										
5		GLORIETTA 4701'		MUD-LOGGERS ON AT 4600'		8-5/8" 4600'				
6		BLINEBRY 5080' TUBB 5740' DRINKARD 5990'							8.4 FPG FRESH	
7		ABO 6215' TD @ 6300'		GR-CAL-CNL-DEN-PE GR-CAL-DLL-MSFL GR-CBIL	7-7/8"	5-1/2" 6300'			8.7 FPG FL-15cc GEL- STARCH AT 500'	18
8										
9										
10										
11										
12										
13										
14										
15										
16										

DATE \_\_\_\_\_

APPROVED **D.W. EUBANK**  
DRILLING ENGINEER

WELL NAME: STATE A-2 NO. 5  
LOCATION : 990' FSL 2005' FEL S-2 T-25S R-37E Lea Co.

### Casing Program

Surface 13-3/8 inch in 17-1/2 hole at 350 ft.  
Inter 8-5/8 inch in 11 hole at 4600 ft.  
Prod 5-1/2 inch in 7-7/8 hole at 6300 ft.

### Cementing Program

#### Surface

Lead 370 sxs Class C Mixed at 14.8 ppg  
Additives 2% CaCl  
Tail        sxs Class        Mixed at        ppg  
Additives       

#### Intermediate (first stage)

Lead 1500 sxs Class C Mixed at 12.7 ppg  
Additives 5 pps salt  
Tail 350 sxs Class C Mixed at 14.8 ppg  
Additives 0.8% FLA 0.2% FWC  
Percent free water        Water loss        cc

#### (second stage)

Lead        sxs Class        Mixed at        ppg  
Additives         
Tail        sxs Class        Mixed at        ppg  
Additives         
Percent free water        Water loss        cc

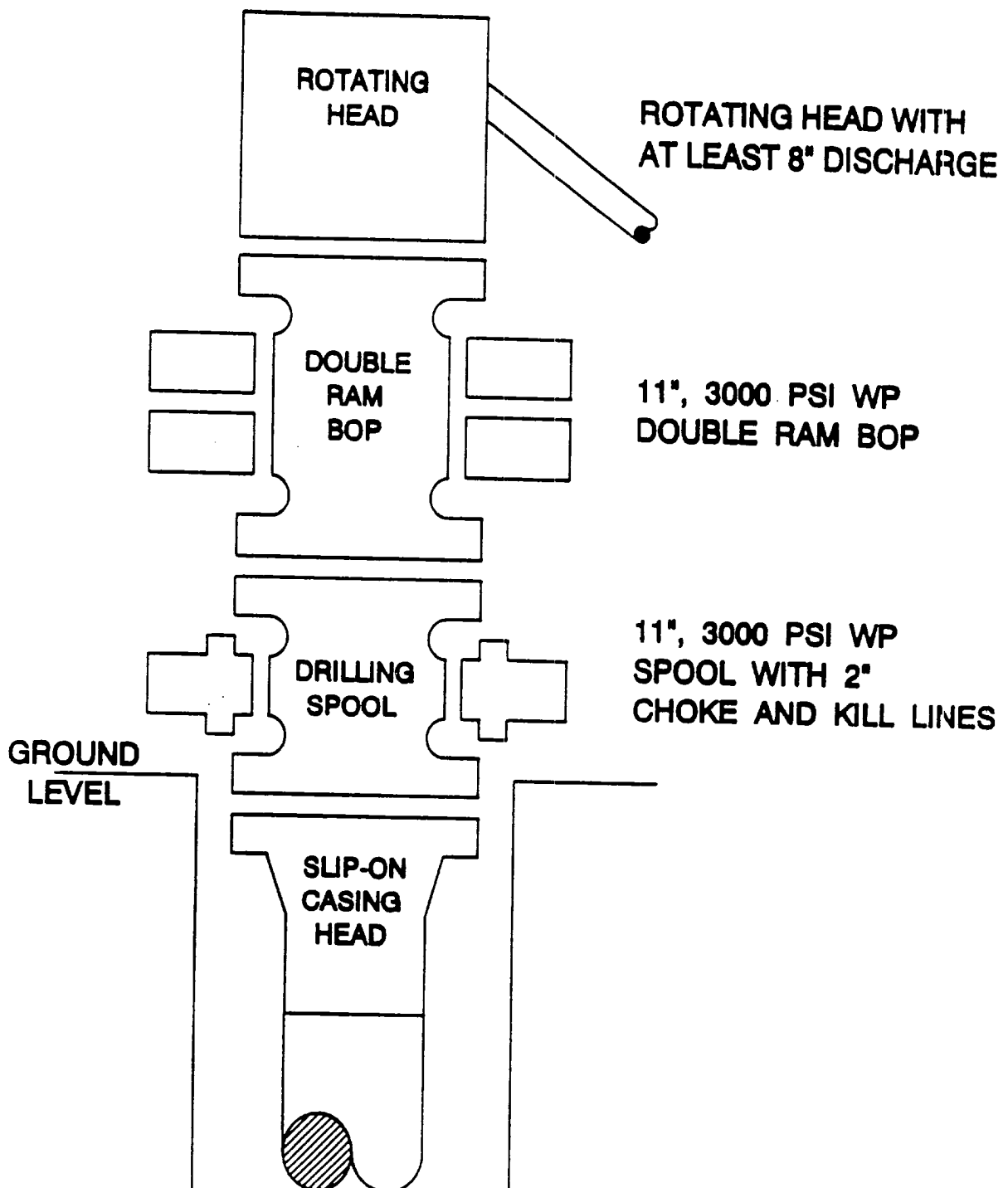
#### Production (first stage)

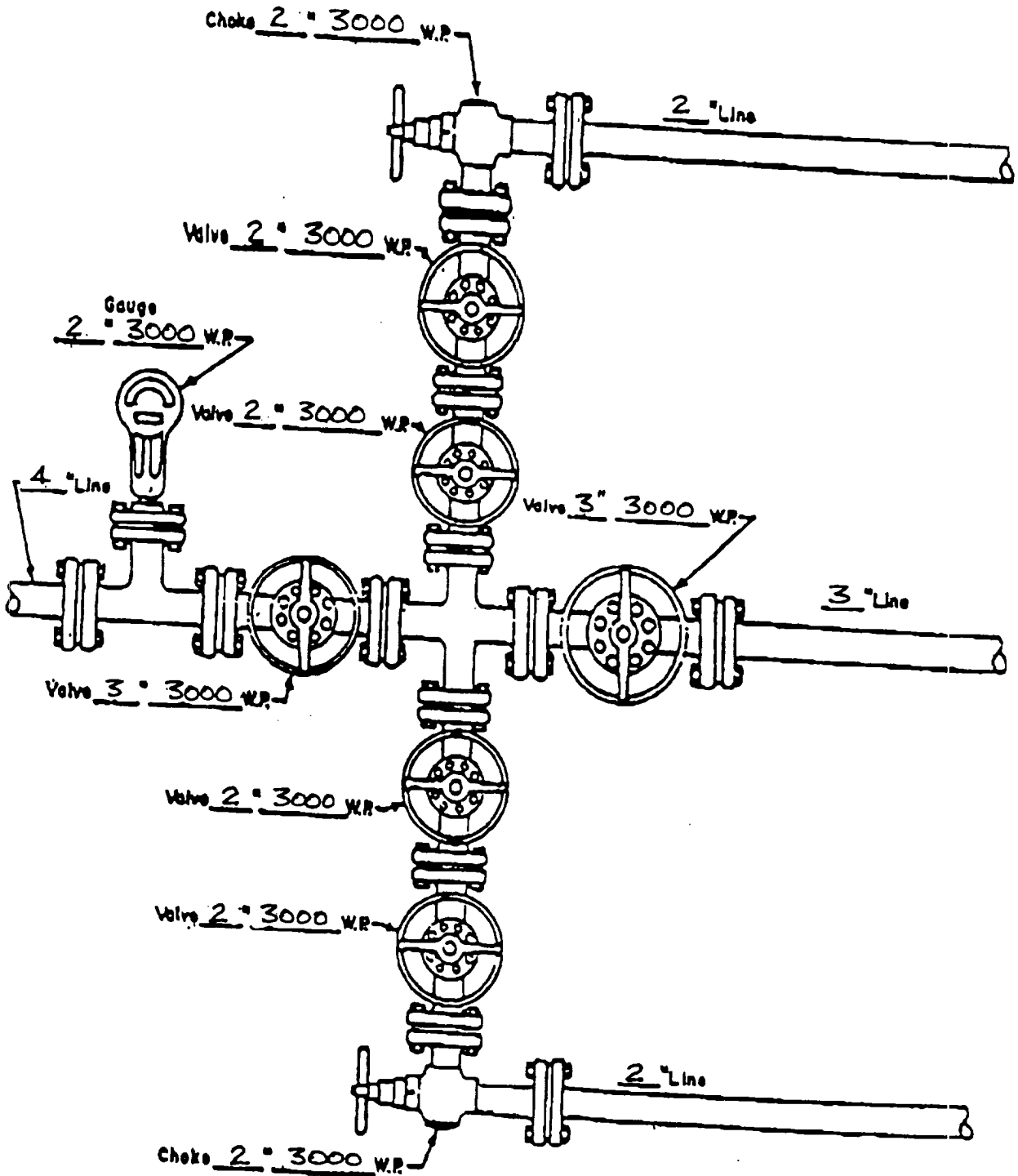
Lead 750 sxs Class H Mixed at 15.7 ppg  
Additives 0.1% dispersant 0.8% FLA 0.3% FWC  
Tail        sxs Class        Mixed at        ppg  
Additives         
Percent free water        Water loss        cc

#### (second stage)

Lead 300 sxs Class C Mixed at 11.4 ppg  
Additives 3% LDA 2% CaCl  
Tail 150 sxs Class C Mixed at 14.8 ppg  
Additives 0.9% FLA 0.2% FWC 1.5% CaCl  
Percent free water        Water loss        cc

# BOP SPECIFICATIONS





MANIFOLD  
3000 W.P.

- ☒ Manual
- ☐ Hydraulic