

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

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Bum
OP

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

APR 20 1993

API NO. (assigned by OCD on New Wells)

30-015-27417

5. Indicate Type of Lease

STATE ☐

FEE ☒

6. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, GRASPUG BACK

1a. Type of Work:

DRILL ☒

RE-ENTER ☐

DEEPEN ☐

PLUG BACK ☐

b. Type of Well:

OIL
WELL ☒

GAS
WELL ☐

OTHER ☐

SINGLE
ZONE ☒

MULTIPLE
ZONE ☐

2. Name of Operator

Conoco, Inc. ✓

7. Lease Name or Unit Agreement Name

Barbara Com.

8. Well No.

17

3. Address of Operator

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

9. Pool name or Wildcat

North Dagger Draw

4. Well Location

Unit Letter K : 1650 Feet From The south Line and 1650 Feet From The west Line

Section 17

Township 19S

Range 25E

NMPM

Eddy

County

10. Proposed Depth
8100'

11. Formation
Cisco

12. Rotary or C.T.
Rotary

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

3533.7' GR

14. Kind & Status Plug. Bond

Blanket

15. Drilling Contractor

16. Approx. Date Work will start

5/1/93

17.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
13-1/2"	9-5/8"	36#	1200'	1100	surface
8-3/4"	7"	26#	8100'	1300	surface

This well is proposed to be drilled as a Cisco oil producer according to the drilling plan submitted in the following attachments:

1. Well Location & Acreage Dedication Plat
2. Proposed Well Plan Outline
3. Cementing Program Outline
4. BOP Specifications

POSTED
4-23-93
JERRY W. HOOPER

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 4/19/93

TYPE OR PRINT NAME

Jerry W. Hoover

(915) 686-6548

TELEPHONE NO.

(This space for State Use)

APPROVED BY

Mark Healy

TITLE

Heal

DATE

4-21-93

CONDITIONS OF APPROVAL, IF ANY:

4/25/93

PRO
4-23-93

OIL CONSERVATION DIVISION

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DISTRICT III

1000 Rio Brazos Rd., Artec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

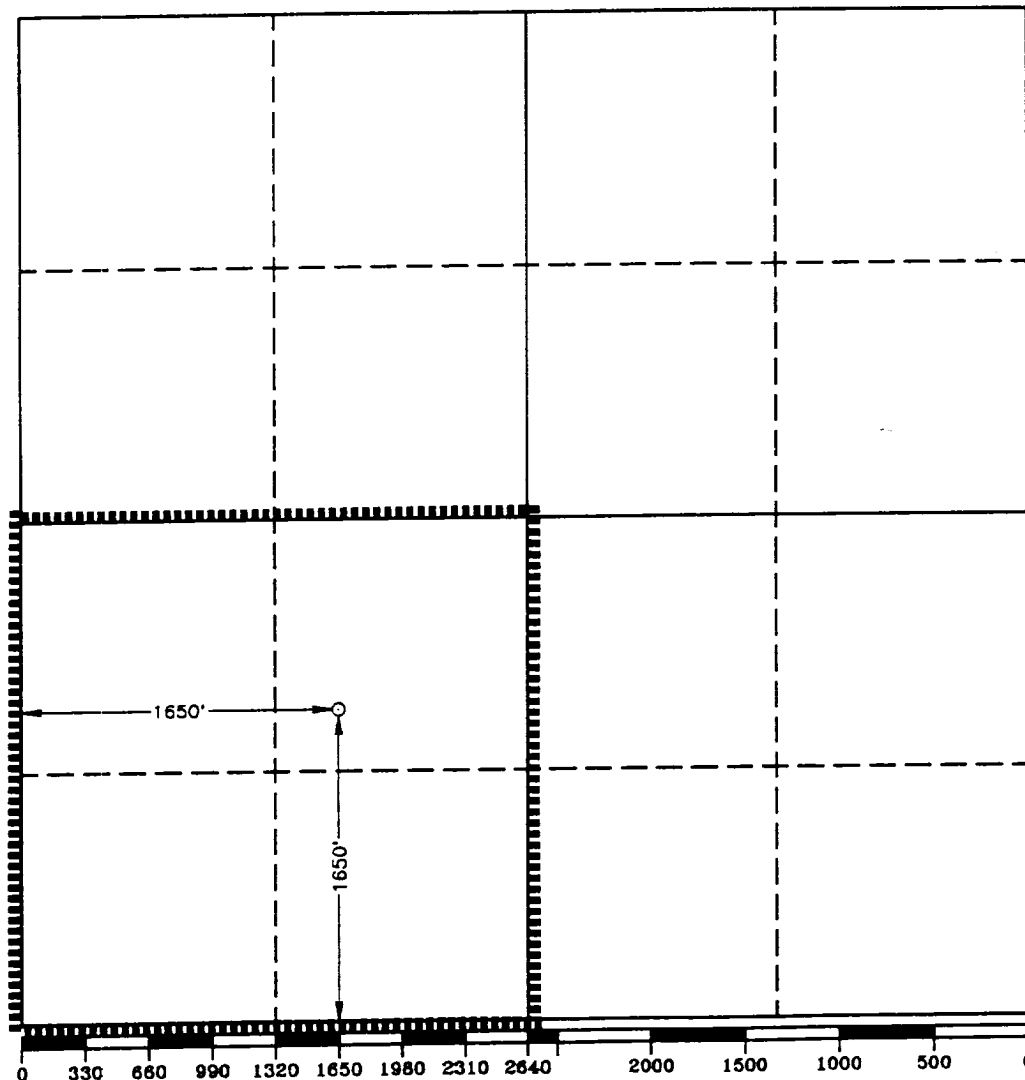
Operator CONOCO INC.			Lease BARBARA COM.		Well No. 17
Unit Letter K	Section 17	Township 19 SOUTH	Range 25 EAST	NMPM	County EDDY
Actual Footage Location of Well: 1650 feet from the SOUTH line and 1650 feet from the WEST line					
Ground Level Elev. 3533.7	Producing Formation Cisco		Pool North Dagger Draw		Dedicated Acreage: 160 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?

☐ Yes ☐ No If answer is "yes" type of consolidation _____

If answer is "no" list of owners and tract descriptions which have actually been consolidated. (Use reverse side of this form necessary.) _____

No allowable will be assigned to the well unit all interests have been consolidated (by communitization, unitization, forced-pooling, otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



OPERATOR CERTIFICATION

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

Signature

Printed Name
Jerry W. Hoover

Position

Sr. Conservation Coord.

Company

Conoco, Inc.

Date

4/15/93

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 knowledge and belief.

Date Surveyed

JANUARY 21, 1993

Signature & Seal of
Professional Surveyor

Certificate No. **JOHN W. WEST** 676
RONALD J. EDSON 3239
GARY L. JONES 7977

93-11-0085

PROPOSED WELL PLAN OUTLINE

WELL NAME **BARBARA COM NO. 17**

LOCATION **1650' FSL 1650' FWL SECT. 17 T-19S R-25E EDDY 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			LOST CIRCULATION		13-1/2"			BELOW NORMAL	8.4	FRESH	
1				MUD LOGGERS AND EQUIPMENT ON @ 1200'		9-5/8" 1200' 36# K-55					
2		GLORIETTA 1989' YESO 2145'	H2S IN YESO					9.0 PPG	8.8-9.2	C/BRINE	
3											
4		ABO 4198'			8-3/4"						
5		WOLFCAMP 5100'	POSSIBLE DEVIATION 4500'-5500'	H2S ON PRIOR TO WOLFCAMP							
6											
7		CISCO 7600'							9.2	C/BRINE STARCH	
8		TD 8100'		GR-CAL-DLL-MSFL GR-CAL-CNL-LDT CBIL		7" 26# K-55 / N-80					
9											
10											
11											
12											
13											
14											
15											
16											

DATE **March 1993**

APPROVED **D.W. EUBANK**
ENGINEER

WELL NAME: Barbara Com No. 17

LOCATION : 1650' FSL, 1650' FWL, S-17, T-19-S, R-25-E

Casing Program

Surface 9-5/8 inch in 14-3/4 hole at 1200 ft.
Inter inch in hole at ft.
Prod 7 inch in 8-3/4 hole at 8100 ft.

Cementing Program

Surface

Lead 900 sxs Class "C" Mixed at 12.7 ppg
Additives 3% CACL 0.5 pps Flocele 5 pps Gilsonite
Tail 200 sxs Class C Mixed at 14.8 ppg
Additives 2% CACL

Intermediate (first stage)

Lead sxs Class Mixed at ppg
Additives
Tail sxs Class Mixed at ppg
Additives
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 550 sxs Class C Mixed at 13.6 ppg
Additives 8 lbs Silica 0.5% Halad 322 3% salt 5 pps Gilsonite
Tail sxs Class Mixed at ppg
Additives
Percent free water Water loss cc

(second stage)

Lead 650 sxs Class C Mixed at 12.5 ppg
Additives 5 pps salt 0.25 pps Flocele
Tail 100 sxs Class C Mixed at 14.8 ppg
Additives 2% CACL
Percent free water Water loss cc

BOP SPECIFICATIONS

