

NM OIL CON COMMISSION
UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 1991

5. LEASE DESIGNATION AND SERIAL NO.

NM 1372

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

BARBARA FEDERAL #16

9. API WELL NO.

30-015-27342

10. FIELD AND POOL, OR WILDCAT

N. DAGGER DRAW UPR PENN

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

SEC 18, T-19S, R-25E

12. COUNTY OR PARISH

EDDY

13. STATE

NM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:

OIL WELL ☒

GAS WELL ☐

DRY ☐

SEP 2 11 50 AM '93

b. TYPE OF COMPLETION:

NEW WELL ☒

WORK OVER ☐

DEEP-EN ☐

PLUG BACK ☐

DIFF. REVR ☐

OTHER ☐

2. NAME OF OPERATOR

CONOCO INC.

3. ADDRESS AND TELEPHONE NO.

10 DESTA DR STE 100W, MIDLAND, TEXAS 79705 (915)-686-5424

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface

1980' FNL & 1530' FWL UNIT LTR 'F'

At top prod. interval reported below

At total depth

14. PERMIT NO.

15. DATE SPUDDED

3-31-93

16. DATE T.D. REACHED

4-17-93

17. DATE COMPL. (Ready to prod.)

7-24-93

18. ELEVATIONS (DP, RKB, RT, GR, ETC.)*

KB 3620.5; GL 3605

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

8100

21. PLUG, BACK T.D., MD & TVD

8051

22. INTERV. S

23. INTERV. S

ROTARY TOOLS

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (RAD AND ELEV.)

7594 - 7760 CISCO CANYON

26. TYPE ELECTRIC AND OTHER LOGS RUN

CBL

CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
9 5/8	40	1090	14 3/4	1100 SX	NONE
7	26	8100	8 3/4	1290 SX	NONE

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8	7558	

31. PERFORATION RECORD (Interval, size and number)

4 JSPF @ 7713-7760, 7594-7629

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
SEE ATTACHED	PAGE Part ID-2 9-17-93 Camp & BR

PRODUCTION							
DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
5-4-93	PUMPING					SHUT-IN	
DATE OF TEST	HOURS TESTED	CHOKED SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
7-25-93	24			0	30	218	
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
			0	30	218		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

VENTED

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Log, Deviation Rpt.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED *Bill R. Kennedy*

TITLE SR. STAFF ANALYST

DATE 5-31-93

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
CISCO	7714	7760	DOLomite	GLORIETA	1880	1741
				YESO	2090	1531
				ABO	4064	-444
				WOLF CAMP	5385	-1764
				CANYON	7578	-3957

LEASE NO: NM 137299B
LEASE NAME & WELL NO: BARBARA FEDERAL #16
API #: 30-015-27342
COUNTY & STATE: EDDY, NM

LINE 31: PERFORATION RECORD (INTERVAL, SIZE & NUMBER)

LINE 32: ACID, SHOT, FRACTURE, CEMENT SQUEEZ3, ETC.

DEPTH INTERVAL	AMOUNT AND KIND OF MATERIAL USED
7713 - 7760	ACID W/ 72 bbl 20% HEATED HCL. ACID FRAC W/ 12,000g 20% GELLED ACID & 2500g 20% REGULAR ACID & 750# ROCK SALT W/ 120 BALL SEALERS.
7594 - 7629	ACID W/ 4000g 20% RETARDED ACID, DROPPED 100 BALL SEALERS.

WELL NAME AND NUMBER Barbara Fed. #16

LOCATION Section 18, T-19-S, R-25-E, Eddy County, N.M.
(Give Unit, Section, Township and Range)

OPERATOR Conoco, Inc.

DRILLING CONTRACTOR McVay Drilling Company

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and that he has conducted deviation tests and obtained the following results:

<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>
<u>1/2 300</u>	<u>2 1/2 4804</u>	<u> </u>
<u>1/4 412</u>	<u>2 1/4 5019</u>	<u> </u>
<u>1 764</u>	<u>1 1/2 5236</u>	<u> </u>
<u>1 1/4 1090</u>	<u>2 5639</u>	<u> </u>
<u>3/4 1159</u>	<u>1/4 6074</u>	<u> </u>
<u>1 1658</u>	<u>1/2 6574</u>	<u> </u>
<u>3/4 2150</u>	<u>3/4 7078</u>	<u> </u>
<u>1 1/4 2644</u>	<u>3/4 7252</u>	<u> </u>
<u>1 3/4 3139</u>	<u>1 1/2 7748</u>	<u> </u>
<u>1 1/2 3448</u>	<u>1 8100</u>	<u> </u>
<u>1 1/4 3752</u>	<u> </u>	<u> </u>
<u>2 4063</u>	<u> </u>	<u> </u>
<u>2 1/4 4216</u>	<u> </u>	<u> </u>
<u>2 4370</u>	<u> </u>	<u> </u>
<u>2 1/4 4586</u>	<u> </u>	<u> </u>

Drilling Contractor McVay Drilling Company

By: Joe W. Wynn

Subscribed and sworn to before me this 19th day of April, 1993

Lebbie Blake

Notary Public

My Commision Expires: 8/24/96

Lea County New Mexico