

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

NM OIL CON COMMISSION  
SUBMIT IN DUPL. ATE\*  
Artesia, NM  
Instructions on reverse side

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

C/SF

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

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 12

9. API WELL NO.

2015-20739

10. FIELD AND POOL, OR WILDCAT

N. Dugger Draw Upper Penn

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

Sec 18, T19S, R25E

12. COUNTY OR PARISH  
Eddy

13. STATE  
NM

1a. TYPE OF WELL:

OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RENVR. ☐ Other ☐

SEP 11 1991

O.C.D.

ARTESIA OFFICE

2. NAME OF OPERATOR

Conoco Inc.

3. ADDRESS AND TELEPHONE NO.

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

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

At surface 710' FSL, 1980 FEL Unit Ltr Q

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

5-9-91

16. DATE T.D. REACHED

6-15-91

17. DATE COMPL. (Ready to prod.)

7-17-91

18. ELEVATIONS (DF, RKB, RT, GE, ETC.)\*

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

8100

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

8052

22. IF MULTIPLE COMPL., HOW MANY\*

-

23. INTERVALS DRILLED BY

X

ROTARY TOOLS

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

7612-7896 Cisco Canyon

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR, CBL, VDL, CCL

27. WAS WELL CORED

No

28. 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	36	1200	14 3/4	2550 SK	
7	26	8098	8 3/4	1500 SK	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8	7740	

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

4" 94mm, 45 SPF  
7612-7622, 7733-7750, 7790-7810,  
7818-7830, 7840-7850, 7852-7896

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7612-7896	5670 gal heated 20% NEPE HCL

33. PRODUCTION

DATE FIRST PRODUCTION 7-17-91		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 7-20-91	HOURS TESTED 24	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL. 481	GAS—MCF. 913	WATER—BBL. 356	GAS-OIL RATIO 1898
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL. 481	GAS—MCF. 913	WATER—BBL. 356	OIL GRAVITY-API (CORR.) 43.7	

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

Sold

TEST WITNESSED BY

Van Burton

35. LIST OF ATTACHMENTS

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

SIGNED Rich. K. Bailey

TITLE Sub. Staff Analyst

DATE 8-27-91

\*(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
C1500	4720	7770	Dolomite, Limestone	Glorietta Yeso Abso Welfcamp C1500	2665 2255 4146 5515 7608	

WELL NAME & NUMBER Barbara Federal #12

LOCATION T-19-S, R-25-E Unit Letter Q  
(Give Unit, Section, Township and Range)

OPERATOR Conoco 10 Desta Drive West Midland, TX 79705

DRILLING CONTRACTOR Grace 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>DEGREES @ DEPTH</u>
<u>.75 252</u>	<u>1.25 4005</u>	<u>1.25 7081</u>	<u>                    </u>
<u>1.75 493</u>	<u>1.25 4099</u>	<u>.75 7293</u>	<u>                    </u>
<u>1.25 621</u>	<u>1.25 4233</u>	<u>.75 7548</u>	<u>                    </u>
<u>2.00 863</u>	<u>2.00 4357</u>	<u>.75 7694</u>	<u>                    </u>
<u>.75 1200</u>	<u>2.75 4673</u>	<u>.75 8100</u>	<u>                    </u>
<u>.75 1437</u>	<u>2.25 4753</u>	<u>                    </u>	<u>                    </u>
<u>.75 1700</u>	<u>2.00 4909</u>	<u>                    </u>	<u>                    </u>
<u>.75 1948</u>	<u>2.25 5098</u>	<u>                    </u>	<u>                    </u>
<u>.75 2189</u>	<u>2.50 5317</u>	<u>                    </u>	<u>                    </u>
<u>.50 2447</u>	<u>1.75 5569</u>	<u>                    </u>	<u>                    </u>
<u>.25 2698</u>	<u>.50 5823</u>	<u>                    </u>	<u>                    </u>
<u>.25 2939</u>	<u>.50 6074</u>	<u>                    </u>	<u>                    </u>
<u>.50 3200</u>	<u>.25 6327</u>	<u>                    </u>	<u>                    </u>
<u>.75 3441</u>	<u>.25 6580</u>	<u>                    </u>	<u>                    </u>
<u>.75 3764</u>	<u>.25 6830</u>	<u>                    </u>	<u>                    </u>

Drilling Contractor Grace Drilling Company

By *E. V. Blum*

Subscribed and sworn to before me this 11 day of June, 19 91

*Karen K. Hamilton*  
Notary Public

My Commission Expires 11/19/94

Ector County Texas