

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐		1b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESRV. ☐ Other ☐		5. LEASE DESIGNATION AND SERIAL NO. NM-1372	
2. NAME OF OPERATOR Conoco Inc.		ARTESIA, OFFICE		6. IF INDIAN, ALLOTTED OR TRIBE NAME	
3. ADDRESS OF OPERATOR P.O. Box 460 - Hobbs, NM 88240		14. PERMIT NO. 30-015-26106		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 710' FSL + 990' FEL Unit P At top prod. interval reported below At total depth		DATE ISSUED 4-24-89		8. FARM OR LEASE NAME Barbara Federal	
15. DATE SPUN 5-13-89		16. DATE T.D. REACHED 6-4-89		9. WELL NO. 8	
17. DATE COMPL. (Ready to prod.) 6-16-89		18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 3585.4' G.L.		10. FIELD AND POOL, OR WILDCAT N. Dagger Draw Upper Penn.	
19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD 8104'		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 18, T19S, R25E,	
21. PLUG BACK T.D., MD & TVD 8047'		22. IF MULTIPLE COMPL., HOW MANY* NA		12. COUNTY OR PARISH Eddy	
23. INTERVALS DRILLED BY Rotary		24. PRODUCING INTERVAL(S) OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 7881' - 7958' Cisco Canyon		13. STATE NM	
25. WAS DIRECTIONAL SURVEY MADE yes		26. TYPE ELECTRIC AND OTHER LOGS RUN GR-CNL-LDT-CAL, High Resolution CNL-LDT GR-DLL-MSFL-CAL, Mud Log		14. STATE OF NEW MEXICO	
27. WAS WELL CORED NO		28. CASING RECORD (Report all strings set in well)		15. COUNTY OF NEW MEXICO	
29. LINER RECORD		30. TUBING RECORD		16. COUNTY OF NEW MEXICO	
31. PERFORATION RECORD (Interval, size and number) 7881' - 7909', .4", 112 shots 7915' - 7958', .4", 172 shots		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		17. COUNTY OF NEW MEXICO	
33. PRODUCTION		34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold on spot market		18. COUNTY OF NEW MEXICO	
35. LIST OF ATTACHMENTS		36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records		19. COUNTY OF NEW MEXICO	

SIGNED Andy Graw TITLE Staff Assistant DATE 7/31/89

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

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Cisco	7602'	7980'	Cisco Canyon dolomite oil formation

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Glorieta	1582	71617
Yeso	2092	71508
Alb	4300	71700
White	5496	71896
Alb	7602	74002

WELL NAME AND NUMBER g #4 Barbara Federal #8

LOCATION Section 18, T19S, R25E, Eddy County Unit Letter P
(Give Unit, Section, Township and Range)

OPERATOR Conoco Inc.

DRILLING CONTRACTOR McVay Drilling Company

RECEIVED
AUG 04 '89

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:

Degrees @ Depth	Degrees @ Depth	Degrees @ Depth
<u>1/2</u> <u>251</u>	<u>1-3/4</u> <u>3,839</u>	<u>2 1/2</u> <u>5,024</u>
<u>1</u> <u>523</u>	<u>1-3/4</u> <u>3,995</u>	<u>2-3/4</u> <u>5,119</u>
<u>1</u> <u>782</u>	<u>2</u> <u>4,119</u>	<u>2-3/4</u> <u>5,212</u>
<u>1 1/2</u> <u>1,029</u>	<u>2</u> <u>4,212</u>	<u>2-3/4</u> <u>5,307</u>
<u>3/4</u> <u>1,221</u>	<u>2 1/4</u> <u>4,290</u>	<u>2-3/4</u> <u>5,402</u>
<u>1</u> <u>1,469</u>	<u>2-3/4</u> <u>4,377</u>	<u>3</u> <u>5,497</u>
<u>3/4</u> <u>1,718</u>	<u>3 1/4</u> <u>4,471</u>	<u>2-3/4</u> <u>5,589</u>
<u>3/4</u> <u>1,975</u>	<u>3 1/2</u> <u>4,565</u>	<u>2-3/4</u> <u>5,713</u>
<u>3/4</u> <u>2,218</u>	<u>4</u> <u>4,659</u>	<u>2 1/2</u> <u>5,931</u>
<u>1</u> <u>2,470</u>	<u>4</u> <u>4,721</u>	<u>2 1/2</u> <u>6,180</u>
<u>1 1/4</u> <u>2,718</u>	<u>4 1/4</u> <u>4,783</u>	<u>2</u> <u>6,431</u>
<u>3/4</u> <u>2,966</u>	<u>4-3/4</u> <u>4,847</u>	<u>2 1/4</u> <u>6,682</u>
<u>3/4</u> <u>3,220</u>	<u>4 1/2</u> <u>4,872</u>	<u>1</u> <u>7,429</u>
<u>1</u> <u>3,467</u>	<u>3-3/4</u> <u>4,942</u>	<u>1</u> <u>7,680</u>
<u>1-3/4</u> <u>3,715</u>	<u>3</u> <u>4,962</u>	<u>1</u> <u>7,931</u>
		<u>1 1/4</u> <u>8,100</u>

Drilling Contractor McVay Drilling Company

By: Joe Lopez

Subscribed and sworn to before me this 5th day of June, 19 89

Phillip J. Courtwright
Notary Public

My Commission Expires: 12/27/91

Lea County New Mexico