

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
HOBBS OFFICE O. C. C.

SUBMIT IN DUPLICATE

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

LC-029409 (a)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☐ Other **Water Injection**

b. TYPE OF COMPLETION:

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

2. NAME OF OPERATOR

Continental Oil Company

3. ADDRESS OF OPERATOR

P. O. Box 460, Hobbs, New Mexico

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

At surface **1980 FSL & 1980 FWL, Sec. 33, T-17S, R-32E,****Lea County, New Mexico**

At top prod. interval reported below

At total depth **Same**

14. PERMIT NO.

DATE ISSUED

17. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Pearsall AX

9. WELL NO.

4

10. FIELD AND POOL, OR WILDCAT

Pearsall Queen

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

Sec. 33, T-17S, R-32E

12. COUNTY OR PARISH

Lea

13. STATE

N.M.

15. DATE SPUDDED

8-27-66

16. DATE T.D. REACHED

9-3-66

17. DATE COMPL. (Ready to prod.)

1-2-66

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

3917 DF

19. ELEV. CASINGHEAD

3905

20. TOTAL DEPTH, MD & TVD

TD 3538

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

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22. IF MULTIPLE COMPL., HOW MANY*

--

23. INTERVALS DRILLED BY

-->

ROTARY TOOLS

0 - TD

CABLE TOOLS

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

Queen 3492-3514

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR-Neutron

27. WAS WELL CORED

Yes

28.

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
7	24#	1074	8 3/4	375 sx Class A	None
2 7/8	6.5#	3538	7	700 sx Class C	None

29.

LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
None				

30.

TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
See Casing Record		

31. PERFORATION RECORD (Interval, size and number)

3493, 3503, 3506 & 3512 W/2 JSPF

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3493-3512	1000 gal. 15% LSTNE Acid - Fraced W/5000 gal water, 15,000# SD, 410# Guar Gum, 360# "ADOMITE" Aqua Addi- tives & 23 gal "ADOMALL" Additives.

33.*

PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)

DATE FIRST PRODUCTION

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PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)

Water Injection Well

WELL STATUS (Producing or shut-in)

DATE OF TEST

*1-2-67

HOURS TESTED

24

CHOKE SIZE

PROD'N. FOR TEST PERIOD

OIL--BBL.

GAS--MCF.

WATER--BBL.

GAS-OIL RATIO

FLOW. TUBING PRESS.

CASING PRESSURE

CALCULATED 24-HOUR RATE

OIL--BBL.

GAS--MCF.

WATER--BBL.

OIL GRAVITY-API (CORR.)

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

TEST WITNESSED BY

J. R. Cook

5. LIST OF ATTACHMENTS

*Injected 187 FW with zero lbs. pressure.

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

SIGNED

William S. Cook

TITLE

Staff Supervisor

DATE

1-10-67

SGS-5 FILE

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

INSTRUCTIONS

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:				38. GEOLOGIC MARKERS	
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.	NAME	MEAS. DEPTH TOP VERT. DEPTH
Queen			Core #1 - 3465-3516, 5' Anhy & dolo 25' sd, anhy & shly; 13' sd, cleaner w/stn; 8' Anhy, dolo, & sd.	Rustler Salado Yates Queen	1063 1162 2404 3476

HOBBS OFFICE O. C. C.
CONTINENTAL OIL COMPANY
JAN 17 11 07 AM '67

P. O. Box 460
Hobbs, New Mexico
January 10, 1967

New Mexico Oil Conservation Commission
P. O. Box 1980
Hobbs, New Mexico

Gentlemen:

In compliance with New Mexico Oil Conservation Commission Rule III, we are submitting below a list of deviation surveys taken on Continental Oil Company's Pearshall AX No. 4, located in Unit K Section 33, T-17S, R-32E, Lea County, New Mexico.

<u>DEPTH</u>	<u>DEGREE</u>	<u>DEPTH</u>	<u>DEGREE</u>	<u>DEPTH</u>	<u>DEGREE</u>
<u>160</u>	<u>1/4</u>	<u>2,527</u>	<u>2</u>		
<u>370</u>	<u>1/4</u>	<u>2,997</u>	<u>1 3/4</u>		
<u>680</u>	<u>1/4</u>	<u>3,465</u>	<u>2</u>		
<u>908</u>	<u>1/2</u>				
<u>1074</u>	<u>3/4</u>				
<u>1331</u>	<u>3/4</u>				
<u>1582</u>	<u>1</u>				
<u>1834</u>	<u>1 1/4</u>				
<u>2085</u>	<u>1 1/4</u>				
<u>2240</u>	<u>2</u>				

Yours very truly

W. L. Smith

Subscribed and sworn to before me, a Notary Public, in and for Lea County, New Mexico, this 10 day of January, 1967.

Commission Expires

Notary Public

USGS-5 FILE