

OIL CONSERVATION COMMISSION

BOX 2045, 1980

HOBBS, NEW MEXICO

NOTICE OF GAS CONNECTION

DATE October 9, 1968

This is to notify the Oil Conservation Commission that connection for
the purchase of gas from the Continental Oil Company, Lockhart "B",
Operator Lease
7 D, 13-21-36, Eumont, El Paso Natural Gas Co.,
Well Unit S.T.R. Pool Name of Purchaser
was made on October 8, 1968

El Paso Natural Gas Company
Purchaser

Travis R. Elliott
Representative
Travis R. Elliott

Gas Production Status Analyst
Title

TRE:gb
cc: To operator
Oil Conservation Commission - Santa Fe
F. N. Woodruff
H. P. Logan
T. J. Crutchfield
File

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.

LC 032099 B

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

NMFC

8. FARM OR LEASE NAME

Lockhart B

9. WELL NO.

7

10. FIELD AND POOL, OR WILDCAT

Eumont Queen Gas

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

Sec. 13, T-21S, R-36E

12. COUNTY OR PARISH

Lea

13. STATE

NM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:

OIL WELL ☐ GAS WELL ☒ DRY ☐ Other

b. TYPE OF COMPLETION:

DRILL WELL ☐ WORK OVER ☐ DEHP: EN ☐ PLUG BACK ☒ HIPP: RENVR. ☒ Other

2. NAME OF OPERATOR

Continental Oil Company

3. ADDRESS OF OPERATOR

Box 460, Hobbs, New Mexico 88240

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

At surface 330' FNL + 330' FWL, Sec. 13, T-21S, R-36E, Lea Co., N.M.

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

16. DATE T.D. REACHED

17. DATE COMPL. (Ready to prod.)

7-6-68

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

3575' DF

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

3885

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

PB 3705

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

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

3433-3679 Queen

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Gemma Ray + Neutron

27. WAS WELL CORED

28. CASING RECORD (Report all strings set in well)

CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
10 3/4"	32.75#	263		225	
7 5/8"	26.40#	1370		425	
5 1/2"	17#	3720		425	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8	3654	

31. PERFORATION RECORD (Interval, size and number)

3433, 3446, 3479, 3491, 3533, 3554, 3571, 3582, 3594, 3605, 3616, 3625, 3640, 3654, 3672, and 3679 with 1 JS PF.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3433-3679	16.00 gallons 15% LSTNE
	34000 gal. gelled brine,
	34000 # Sand + 687 MCF CO2

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
		Flowing						
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
7-25-68	1	1 1/4	→	0	65.7	0		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
422	497	→	0	1577	0			

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

Vented

TEST WITNESSED BY

W.D. Recer

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

Robert Gould

TITLE

Adm. Sec. Chief

DATE

8-23-68

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

USGS-5 att-Ros-2 Chem. Mid-2 Paw Am Hobbs-2 2.10.

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, 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 53, 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.), formations, 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 3c.

should be listed on this form, see item 6.

Section 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.

Figure 19: 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.

Interval 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 53. 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. 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, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES	FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	38. GEOLOGIC MARKERS	
						MEAS. DEPTH	TRUE VERT. DEPTH
					Ruelter	1323	
					Tonall	2550	
					Yates	2690	
					Y Rivers	2945	
					Queen	3425	
					Penrose	3531	

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL ☐ DEEPEN ☐ PLUG BACK ☒		5. LEASE DESIGNATION AND SERIAL NO. LC 032 099 b
b. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Continental Oil Company		7. UNIT AGREEMENT NAME NMFU
3. ADDRESS OF OPERATOR Box 460, Hobbs, New Mexico 88240		8. FARM OR LEASE NAME Lockhart B
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 330' FNL + 330' FWL, Section 13, T-21S, R36E, Lea County, New Mexico At proposed prod. zone Same		9. WELL NO. 7
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE		10. FIELD AND POOL, OR WILDCAT Lumont Queen Gas
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 13, T-21S, R-36E
16. NO. OF ACRES IN LEASE 1600		12. COUNTY OR PARISH Lea
17. NO. OF ACRES ASSIGNED TO THIS WELL 160		13. STATE NM
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 3710' PBD		20. ROTARY OR CABLE TOOLS
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3575' DF		22. APPROX. DATE WORK WILL START

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
No Change				

In order to develop gas reserves it is proposed to plugback and recomplete the well in the following manner.
Run Gamma Ray-Neutron log. Set bridge plug at approximately 3710. Perforate 3450 to 3650 at points to be determined from log. Acidize with 16,000 gallons 15% LSTNE and frac with 35,000 gallons water, 35,000 pounds sand and CO₂. Test and place well on production

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. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Robert G. Gault III TITLE Adm. Sec. Chief DATE 5-15-68
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY _____ TITLE _____
CONDITIONS OF APPROVAL, IF ANY: _____ DATE _____

MAY 16 1968

A. B. GRIFFIN

DISTRICT ENGINEER

~~456-5-5~~ Atl-Ros-2 Chev-Mid-2 PanAm-Hobbs-2 File
456-5-5

*See Instructions On Reverse Side