

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPPLICATE\*  
(Other instructions on re-  
verse side)Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

LC -031620 (1)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> P&A		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR		SEMU	
3. ADDRESS OF OPERATOR		8. FARM OR LEASE NAME	
Continental Oil Company		SEMU	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface		9. WELL NO.	
P. O. Box 460, Hobbs, New Mexico		8	
660' FNL & 1980' FWL of Sec. 23, T-20S, R-37E, Lea County, New Mexico, NMPM.		10. FIELD AND POOL, OR WILDCAT	
14. PERMIT NO.		Mon. Tubb-Weir Blbry.	
15. ELEVATIONS (Show whether DF, RE, GR, etc.)		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA	
3544 DF		23-20-37	
		12. COUNTY OR PARISH	
		Lea	
		13. STATE	
		N.M.	

16.

## Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

The subject well was plugged and abandoned using the following procedure:

1. 100 sx Class "C" cement plug spotted 1786-2084'.
2. 150 sx Cement plug spotted 871-1318'.
3. 35 sx Cement plug spotted 110-214'.
4. Cemented 20' to top of casing.
5. Intervals between plugs were filled with 10# mud.

The location was restored as nearly as possible to its original condition and a four foot marker erected at the well site with the name and location inscribed thereon.

18. I hereby certify that the foregoing is true and correct

SIGNED SIGNED: ROBERT CAULT IIITITLE Staff SupervisorDATE 2-1-65

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

USGS-5, NMOCC-2, JM PAN AM HOBBS-3, ATL-ROS-2, CALIF-MID -2

\*See Instructions on Reverse Side

J. L. GORDON  
ACTING DISTRICT ENGINEER

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPL  
(Other instructions  
verse side)FE  
reForm approved.  
Budget Bureau No. 42-R1424.  
5. LEASE DESIGNATION AND SERIAL NO.

LC-031620 (b)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> P&A	7. UNIT AGREEMENT NAME SEMU
2. NAME OF OPERATOR Continental Oil Company	8. FARM OR LEASE NAME SEMU
3. ADDRESS OF OPERATOR P. O. Box 460, Hobbs, New Mexico	9. WELL NO. 8
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 660' FNL & 1980' FWL Sec. 23, T-20S, R-37E, Lea County, New Mexico, NMPM	10. FIELD AND POOL, OR WILDCAT Mon. Tubb-Weir Blinebry
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3544 DF
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 23-20-37
	12. COUNTY OR PARISH Lea
	13. STATE N.M.

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON\* ☒CHANGE PLANS ☐

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) Re-entry ☒REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT\* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

A Notice of Intention to Re-enter SEMU Penn #3 was approved 11-2-64.

Cleaned out to 2075'. Found top of cut-off 9 5/8" at 2075'. Drilled wood and cement from 3300 to 3372. Bit stopped. Ran new bit, could not get back into top of 9 5/8" OD csg. at 2075'. Could not get by outside 9 5/8" csg past depth of 2190. In view of being unable to get back into the 9 5/8" OD casing, operations were suspended because it was quite apparent that the bit was going alongside the 9 5/8" csg.

It is proposed to re-plug the well by spotting the following plugs:  
1) 100sx cmt. @ 2075', across top of 9 5/8" csg., 150 sx cmt at top of salt. 2) 35 sx cement across surface csg. shoe. 3) 15 sx at surface intervals between plugs to be filled with 10#/gal mud  
The location will be returned to its original condition, and a four foot marker will be erected on the well site.

18. I hereby certify that the foregoing is true and correct

SIGNED SIGNED ROBERT GAULT JRTITLE Staff Superintendent

(This space for Federal or State office use)

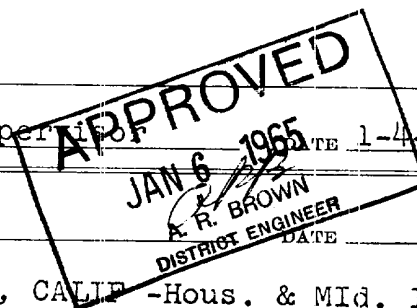
APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

USGS -5, NMOCC-2, JM PAN AM HOBBS-3, ATL-ROS 2, CALIF -Hous. &amp; Mid. 1 each

\*See Instructions on Reverse Side



OIL CONSERVATION COMMISSION  
I DISTRICT

OIL CONSERVATION COMMISSION  
BOX 871  
SANTA FE, NEW MEXICO

DATE Nov. 4, 1964

Re: Proposed NSP \_\_\_\_\_

Proposed NWU \_\_\_\_\_

Proposed NSL \_\_\_\_\_

Proposed NFO \_\_\_\_\_

Proposed DC X

Gentlemen:

I have examined the application dated 10/30/64  
for the Continental Oil Co. SEMU #8 23-20-37  
Operator Lease and Well No. S-T-R

and my recommendations are as follows:

O.K.---E.F.E.

O.K.---J.W.R.

\_\_\_\_\_  
Yours very truly,

# CONTINENTAL OIL COMPANY

Post Office Box 480  
Hobbs, New Mexico

October 29, 1964

New Mexico Oil Conservation Commission  
Post Office Box 2088  
Santa Fe, New Mexico

Attention of Mr. A. L. Porter, Jr., Secretary-Director

Gentlemen:

Re: Application to Dual Completion SEMU Well No. 8

We forward herewith application in duplicate for authority to effect a dual completion in the Weir Blinbry and Monument Tubb Pools in our SEMU Well No. 8. This well was previously designated SEMU Penn No. 8. Two copies of this application are being furnished your Hobbs District Office with carbon copy of this letter. Copies are being furnished by Certified Mail to the Offset Operators listed on the application.

Your further handling and approval of this application will be sincerely appreciated.

Yours very truly,



V. T. LYON  
Supervising Engineer

VTL-DFS  
Enc.

cc: NMCCC-Hobbs  
RGP GA JAK

By Certified Mail:

Pan American Petroleum Corporation, Box 68, Hobbs, N. M.  
Texaco, Inc., Box 728, Hobbs, New Mexico

## NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

5-1-61

## APPLICATION FOR MULTIPLE COMPLETION

Operator Continental Oil Company		County Lea		Date October 29, 1964
Address Box 460, Hobbs, New Mexico		Lease SEMU Penn		Well No. 8
Location of Well	Unit C	Section 23	Township 20S	Range 37E

1. Has the New Mexico Oil Conservation Commission heretofore authorized the multiple completion of a well in these same pools or in the same zones within one mile of the subject well? YES X NO     

2. If answer is yes, identify one such instance: Order No. MC-1430 ; Operator, Lease, and Well No.: Continental Oil Company, Britt B No. 21, Section 10, T-20S, R-37E

3. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	Weir Blinebry		Monument Tubb
b. Top and Bottom of Pay Section (Perforations)	5750-5780 (Proposed)		6470-6560 (Proposed)
c. Type of production (Oil or Gas)	Oil		Oil
d. Method of Production (Flowing or Artificial Lift)	Flow		Flow

4. The following are attached. (Please mark YES or NO)

- Yes a. Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and /or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent.
- Yes b. Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.
- Yes c. Waivers consenting to such multiple completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.\*
- Yes d. Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed, it shall be submitted as provided by Rule 112-A.)

5. List all offset operators to the lease on which this well is located together with their correct mailing address.

Pan American Petroleum Corporation, Box 68, Hobbs, New Mexico

Texaco, Inc., Box 728, Hobbs, New Mexico

6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES X NO     . If answer is yes, give date of such notification October 29, 1964.

CERTIFICATE: I, the undersigned, state that I am the Supervising Engineer of the Continental Oil Company (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

NMOCC-S.Fe-2 NMOCC-Hbs-2

Offset Operators

GW JWK File

12 J. J. [Signature]  
Signature

\* Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard proration unit in either or both of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

CONTINENTAL OIL COMPANY

SEMU PENN NO. 8

Blinebry Oil

Tubb Oil

13 3/8" casing at 200'  
200 sx cement circulated

2 3/8" tubing at 5760'

9 5/8" casing at 2899'  
500 sx cement to 2155'

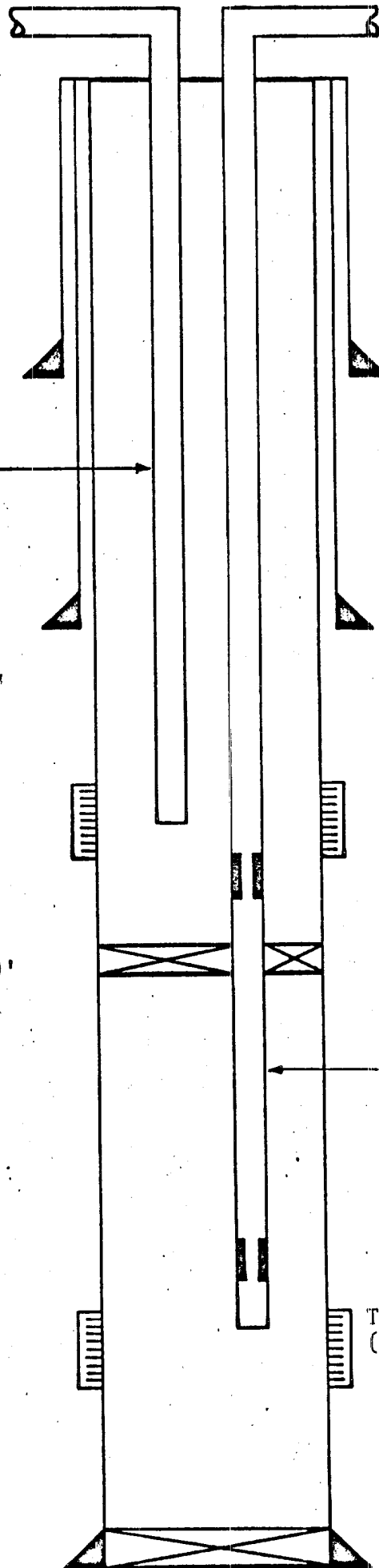
Blinebry perfs  
5750-5780(proposed)

Model "D" Packer at 6300'

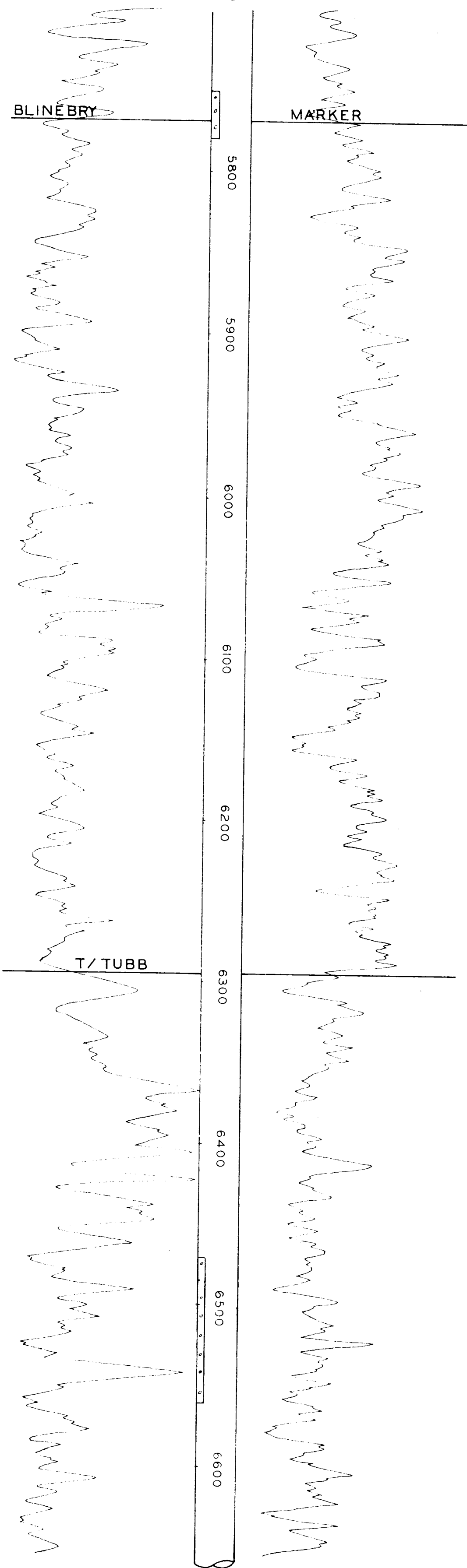
2 3/8" tubing at 6500'

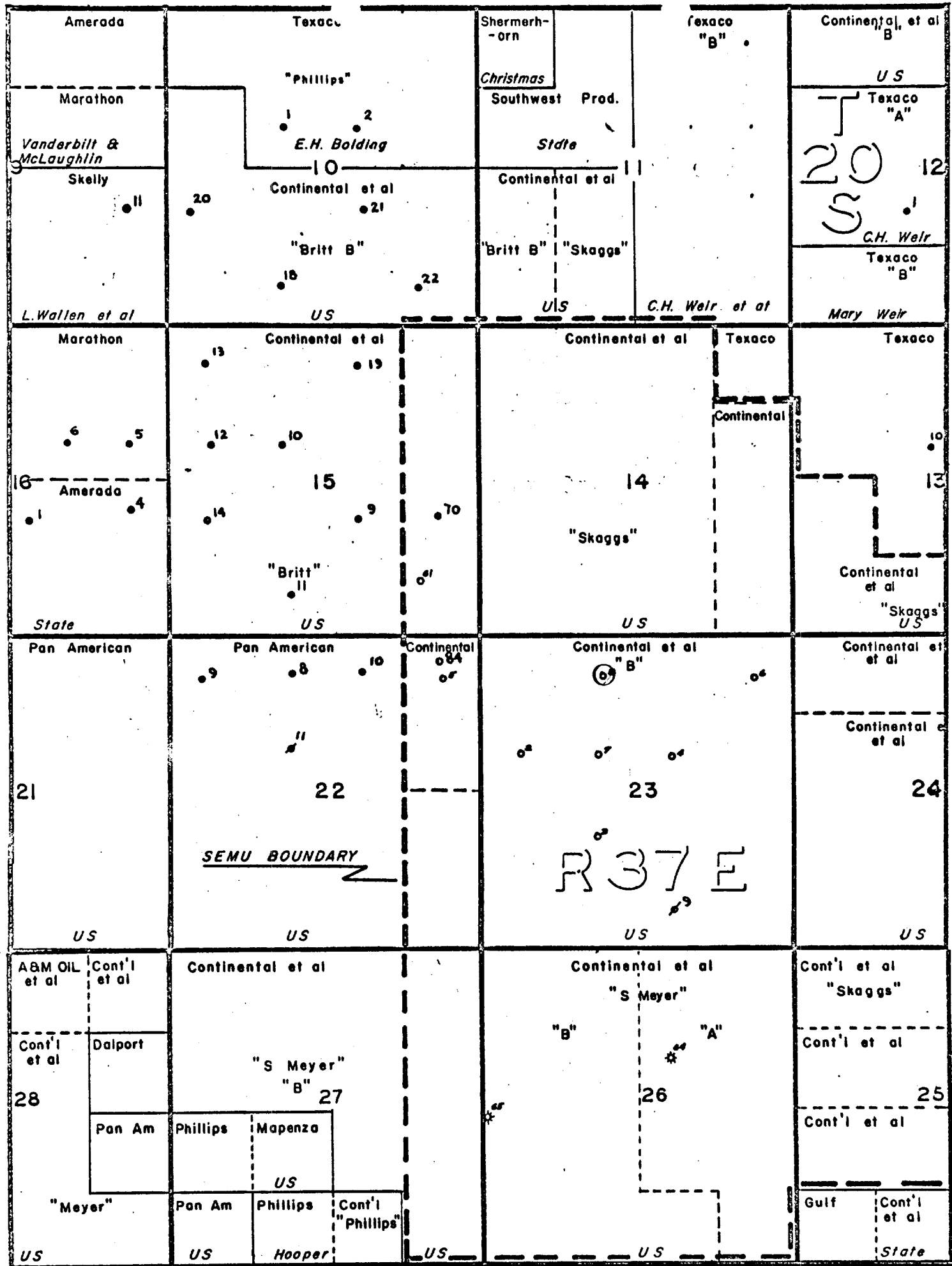
Tubb perfs 6470-6560'  
(proposed)

7" casing at 7780'.  
1000 sx cement to 3335'.



CONTINENTAL OIL CO.  
SEMU PENN NO. 8  
ELEVATION: 3544' D.F.  
LOCATION: 660' FNL &  
1980' FWL  
SEC. 23-20-37





# CONTINENTAL OIL COMPANY

PRODUCTION DEPARTMENT  
HOBBS DISTRICT

MONUMENT TUBB POOL  
Lea County, New Mexico

SCALE  
0 1000' 2000'



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
☒ DRILL ☒ RE-ENTER ☐ DEEPEN ☐ PLUG BACK

b. TYPE OF WELL  
OIL WELL ☒ GAS WELL ☐ OTHER ☐  
SINGLE ZONE ☐ MULTIPLE ZONE ☒

2. NAME OF OPERATOR  
Continental Oil Company

3. ADDRESS OF OPERATOR  
Box 460, Hobbs, New Mexico

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
At surface 660' FNL & 1980' FWL of Section 23, T-20S,  
At proposed prod. zone R-37E, Lea County, New Mexico, NMMP  
(SAME)

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

5. LEASE DESIGNATION AND SERIAL NO.  
LC 031620 (b)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
SEMU

8. FARM OR LEASE NAME  
SEMU

9. WELL NO.  
8

10. FIELD AND POOL, OR WILDCAT  
Mon Tubb & Weir Blinebry

11. SEC., T. B., M., OR BLK. AND SURVEY OR AREA  
Sec. 23-20-37

12. COUNTY OR PARISH  
Lea

13. STATE  
N.M.

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
660' FNL & 1980' FWL, Sec. 23

16. NO. OF ACRES IN LEASE  
5400

17. NO. OF ACRES ASSIGNED TO THIS WELL  
40

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED OR APPLIED FOR, ON THIS LEASE, FT.  
1320' North of SEMU #7

19. PROPOSED DEPTH

20. ROTARY OR CABLE TOOLS  
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
3544 DF

22. APPROX. DATE WORK WILL START\*  
11-5-64

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT

SEMU Penn No. 8 was P&A on 4-1-50. It is proposed to re-enter the well and dual complete in the Blinebry & Tubb formations. Proposed procedure: 1) Drill out cement plugs in 13 3/8", 9 5/8" and top of 7" casing. 2) Clean up top of 7" casing at 3400' and run 7" - 23# J-55 ST&C casing with casing bowl to tie into 7" stub. 3) Clean out to 6600 and test old perfs W/1000 psi and run collar log from 6600 to 5000'. 4) Perforate Tubb interval 6470' to 6560', perfs from new GR/N log. 5) Treat Tubb with 2500 gallons 15% HCl. 6) Set RBP above Tubb perfs and perforate Blinebry interval 5750' - 5780'. (Perfs from new log). 7) Treat Blinebry with 2500 gallons 15% HCl. 8) Frac Blinebry with 20,000 gals brine containing 30# ADOMITE AQUA, 1 gal Adomal and 25# Guar per 1000 gal. and 1# sand/gallon. 9) Run dual completion equipment; place on production.

Your approval of the above work is requested.

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 GAULT III  
SIGNED \_\_\_\_\_ TITLE Staff Supervisor DATE 10-30-64

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_

USGS (5)  
NMOCC (2) JM PAN AM HOBBS (3) ATL-ROS (2) CALIF HOU & MID

\*See Instructions On Reverse Side

