

## APPLICATION FOR DUAL COMPLETION

Field Name <b>Tubb Gas and Drinkard Oil</b>		County <b>Lea</b>	Date <b>12-23-58</b>
Operator <b>Continental Oil Company</b>		Lease <b>Hawk B-8</b>	Well No. <b>2</b>
Location of Well <b>I</b>	Unit <b>8</b>	Township <b>21-S</b>	Range <b>37-E</b>

1. Has the New Mexico Oil Conservation Commission heretofore authorized the dual completion of a well in these same pools or in the same zones within one mile of the subject well? YES ☒ NO ☐
2. If answer is yes, identify one such instance: Order No. **DC-225**; Operator, Lease, and Well No.: **Continental**

**Oil Company, Hawk B-9 No. 3**

3. The following facts are submitted:	Upper Zone	Lower Zone
a. Name of reservoir	<b>Tubb</b>	<b>Drinkard</b>
b. Top and Bottom of Pay Section (Perforations)	<b>6260' to 6390'</b>	<b>6638' to 6738'</b>
c. Type of production (Oil or Gas)	<b>Gas</b>	<b>Oil</b>
d. Method of Production (Flowing or Artificial Lift)	<b>Flowing</b>	<b>Flowing</b>

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

**Yes** a. Diagrammatic Sketch of the Dual Completion, showing all casing strings, including size and setting, 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 dual 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.

**N. G. Penrose, Inc. - Box 988 - Eunice, New Mexico**

**Sun Oil Company, Engr. Dept. - Box 2792 - Odessa, Texas**

**Texas Company, Engr. Dept. - Box 1270 - Midland, Texas**

**Pan American Petroleum Corp. - Box 68 - Hobbs, New Mexico**

6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES ☒ NO ☐ . If answer is yes, give date of such notification **12-23-58**

CERTIFICATE: I, the undersigned, state that I am the **Division Superintendent** 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.

*R. L. Adams*  
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 dual 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  
PROPOSED METHOD OF DUAL COMPLETION  
HAWK B-8 NO. 2

13 3/8" set at  
213'. (Cement  
circulated)

9 5/8" set at  
2684'. (Cement  
to 1300')

Proposed Tubb  
Perforations  
6260'-6390'

Packer (detail  
at right)

Drinkard Perforations  
6638'-6738'.

7" set at 6774'  
(Cement to 2804')

2 1/2" EUE Tubing  
to surface.

Garrett Sleeve  
Valve @ 6405'.

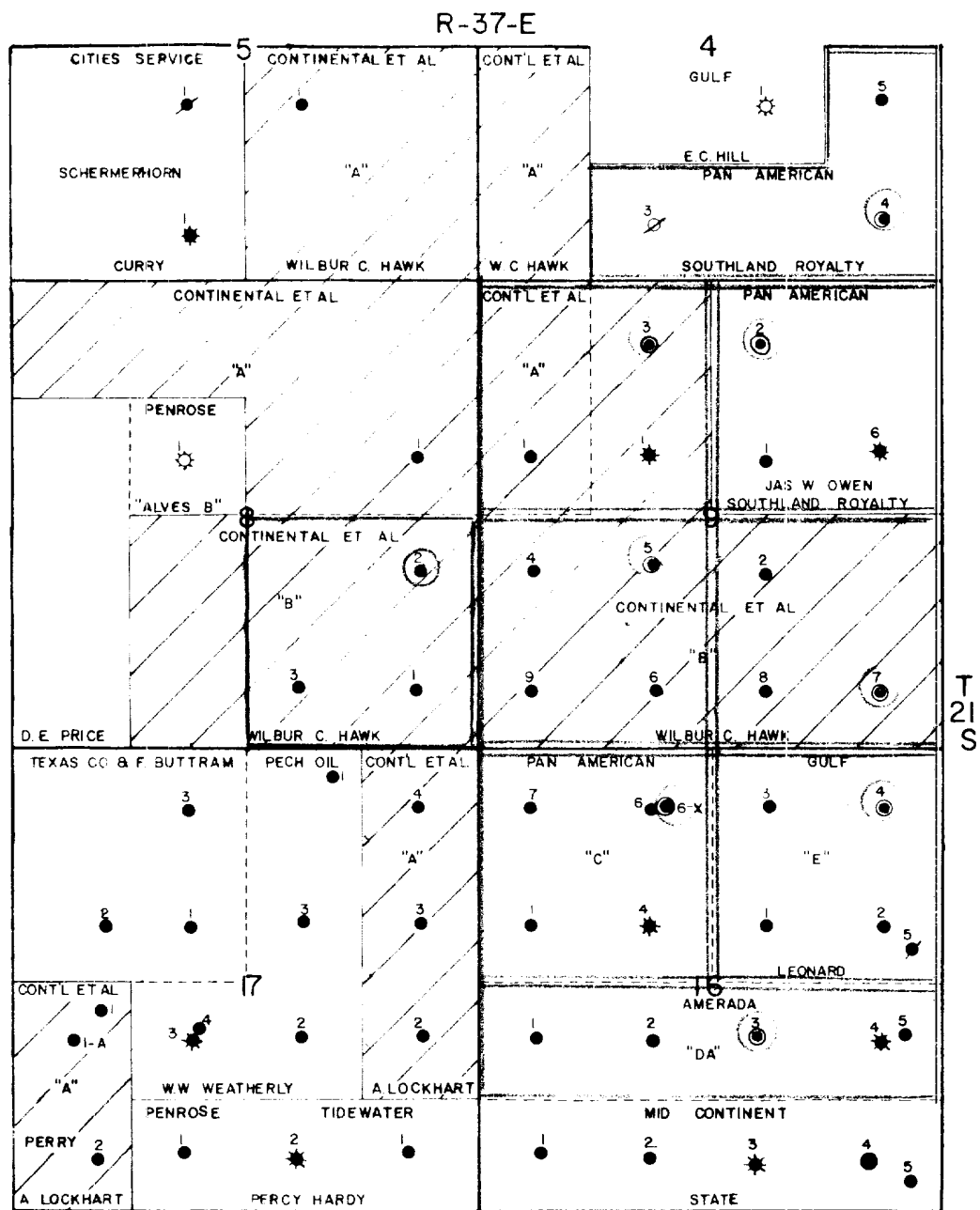
1" EUE  
tubing  
@ 6385'  
(siphon  
string)

Baker Model "E"  
Anchor Tubing Seal  
Assembly and Baker  
Model "D" Retainer  
Production Packer  
set at 6550'

2" EUE Tubing

Otis Type "J"  
Seating Nipple

Baker Production  
Tube at 6705'.



## Continental Oil Company

### Location Plat

Eunice District

Scale: 1" = 2000

Proposed Unit Boundary ———

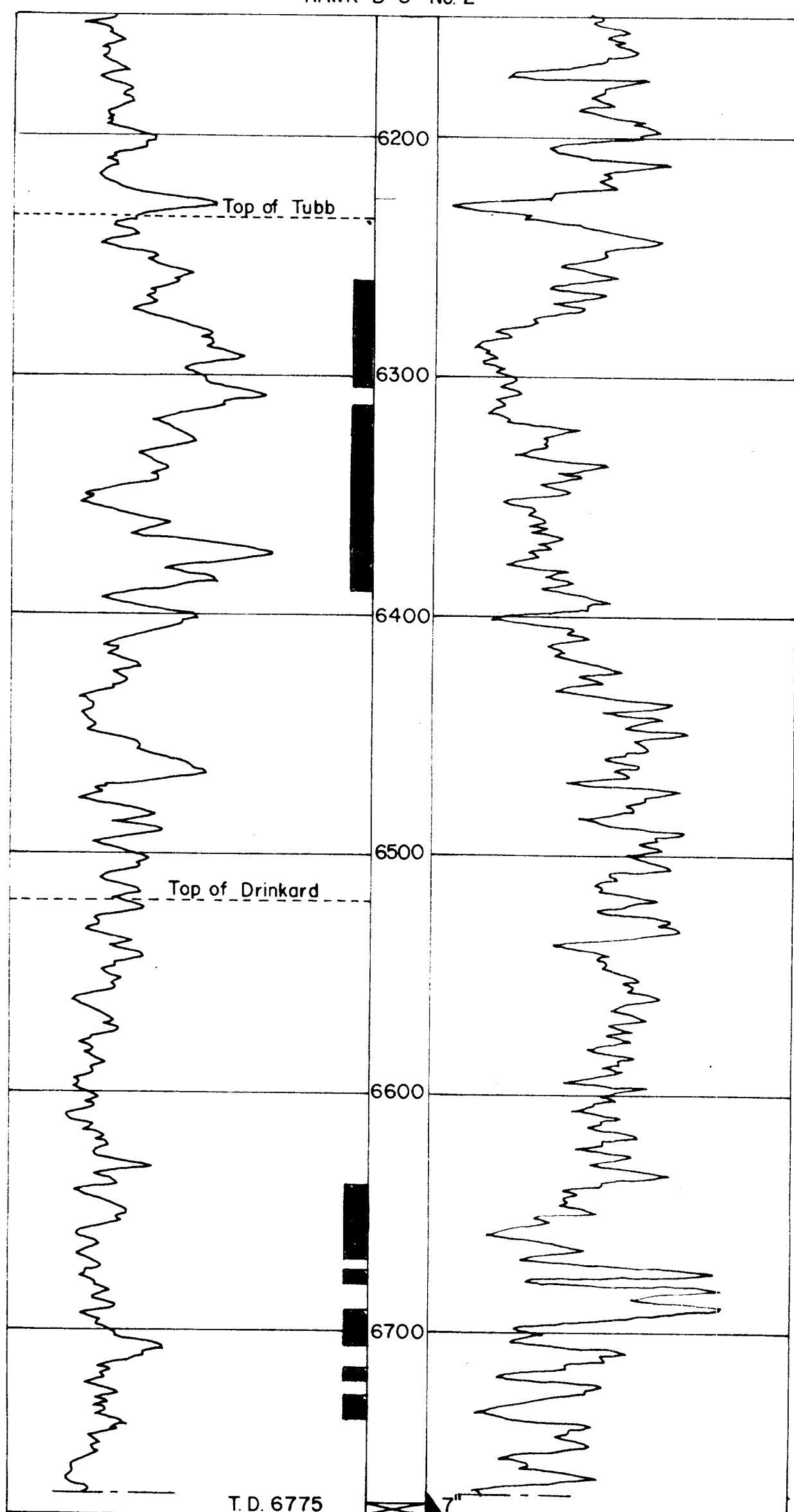
Approved Unit Boundary ———

Proposed Unit Well ○

Approved Unit Well ○

# CONTINENTAL OIL COMPANY

HAWK B-8 No. 2



■ Proposed Tubb Perforations

■ Drinkard Perforations

13 3/8" csg. set @ 213' with 250 sacks (circ.), using 2 centralizers. 9 5/8" csg. set @ 2684' (T.C. 1300') using 7 centralizers and 14 scratchers. 7" csg. set @ 6774' with 772 sks. cement & 50 sks. Wellite (T.C. 2804') using 11 centralizers and 88 scratchers.

Perforated 6726-6736' with 4 shots/ft. No oil, gas or water. Acidized with 500 gals. Flowed 77 BO/5 hrs. with 426 MCF gas. GOR 1152.

Set bridging plug @ 6722' and perforated 6714-6720' & 6690-6706' with 4 shots/ft. Flowed 64 BO/4 hrs. with 420 MCF gas thru 1" choke. Acidized with 500 gals. Flowed 113 BO, no water, in 6 hrs. with 382.6 MCF gas.

Set bridging plug @ 6685' and perforated 6638-6670' & 6675-6680' with 4 shots/ft. Tested 84 BO, no wtr, in 3 hrs. with 915.2 MCF gas thru 1" choke.

Drilled out plugs @ 6722' & 6685' and reran tubing with side-door choke and packer set @ 6672'.

Well was drilled to T.D. 6775' with P.B. 6770'. Completed for I.P. of 384 bbls. oil, no water, in 24 hours, based on 6 hour test of 96 bbls. flowing thru 3/4" choke on 2 1/2" tubing with 485.6 MCF gas, GOR 1264. C.P. 1400#. T.P. 150#.

Pay: Drinkard from 6638' to 6738'.

Markers:	Top Yates	2705'
	Top Glorieta	5255'
	Top Tubb	6232'
	Top Drinkard	6520'

T.D. reached: 3-13-50. Completion test: 4-16-50.