

MAIN OFFICE OCC



NOV 13 AM 8:54

# CONTINENTAL OIL COMPANY

825 PETROLEUM BUILDING  
ROSWELL, NEW MEXICO

WM. A. MEAD  
DIVISION SUPERINTENDENT  
OF PRODUCTION  
NEW MEXICO DIVISION

November 13, 1959

Mr. A. L. Porter, Jr.  
New Mexico Oil Conservation Commission  
Post Office Box 871  
Santa Fe, New Mexico

Re: Continental Oil Company's  
Application for 240-acre  
NSP Unit for its Hawk B-8  
No. 3 in Section 8, T-21S,  
R-37E, NMPM, Lea County,  
New Mexico

Dear Mr. Porter:

This letter confirms the conversation between Mr. Oliver Payne of the New Mexico Oil Conservation Commission and Mr. J. A. Queen of this office. The subject request for administrative approval of the NSP application is a duplicate of one issued by the Commission on October 14, 1958, under Administrative Order NSP 445. Order NSP 445 assigned a 240-acre non-standard gas proration unit covering the SE/4, E/2 SW/4 Section 8-21S-37E.

It is therefore respectfully requested that the application dated October 9, 1959, be withdrawn.

By copy of this letter, all of the companies receiving a copy of the application will be notified that the approved

Mr. A. L. Porter, Jr.  
Page 2

Administrative Order NSP 445 is in effect and covers the requested acreage under application of October 9, 1959.

Yours very truly,

*Wm. A. Mead*  
*ga &*

WAM-BR

cc: HLJ HGD JRP FILE JWK

Pan American Petroleum Corp.  
Box 68  
Hobbs, New Mexico

The Texas Co., Engr. Dept.  
Box 1270  
Midland, Texas

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

Pech Oil Co.  
Phillips Bldg.  
Odessa, Texas



MAIN OFFICE OCC

# CONTINENTAL OIL COMPANY

825 PETROLEUM BUILDING  
ROSWELL, NEW MEXICO

R. L. ADAMS  
DIVISION SUPERINTENDENT  
OF PRODUCTION  
NEW MEXICO DIVISION

September 15, 1958

New Mexico Oil Conservation Commission  
Box 871  
Santa Fe, New Mexico

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

Re: Continental Oil Company  
Application for authority  
to effect a Drinkard oil -  
Eumont gas dual completion  
on its Hawk B-8 Well No. 3,  
located in Section 8, T-21S,  
R-37E, Lea County, New Mexico;  
and for approval of 240-acre  
non-standard gas proration  
unit consisting of the SE/4  
and E/2 SW/4 Section 8, T-21S,  
R-37E.

DC

NSP

Gentlemen:

Please refer to the subject application which was forwarded to you on September 5, 1958. Through an oversight, the existing Eumont gas proration units around the proposed gas proration unit were shown incorrectly on the plat furnished with this application. Attached is a corrected plat which it is requested be substituted for the plat originally furnished with our application.

Yours very truly,

*R. L. Adams*

RLA-JC  
Enc.

New Mexico Oil Conservation Commission  
Page 2

cc: NMOCC - Hobbs (1)  
HLJ - (2)  
JRP - (1)  
File - (1)

Pech Oil Company, 310 Phillips Building, Odessa, Texas  
Neville G. Penrose, Inc., 1813 Fair Building, Fort Worth, Texas  
The Texas Company, P. O. Box 458, Hobbs, New Mexico  
Pan American Petroleum Corporation, Petroleum Bldg., Roswell, N.M.







CONTINENTAL OIL COMPANY  
MAIN OFFICE OCC

1958 SEP 8 AM 8:50  
Roswell, New Mexico  
September 5, 1958

New Mexico Oil Conservation Commission  
Box 871  
Santa Fe, New Mexico

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

Re: Continental Oil Company  
Application for authority  
to effect a Drinkard oil -  
Eumont gas dual completion  
on its Hawk B-8 Well No. 3,  
located in Section 8, T-21S,  
R-37E, Lea County, New Mexico;  
and for approval of 240-acre  
non-standard gas proration  
unit consisting of the SE/4  
and E/2 SW/4 Section 8,  
T-21S, R-37E.

*Due Oct 8, 1958*  
*NSP-445*  
*(on waiting period)*  
*cross ref to DC 668*

Gentlemen:

Continental Oil Company respectfully requests administrative approval under the provisions of statewide Rule 112-A of the Rules and Regulations of the New Mexico Oil Conservation Commission to dually complete in the Drinkard oil pool and Eumont gas pool its Hawk B-8 well No. 3, located 660 feet from the south line and 1980 feet from the east line of Section 8, T-21S, R-37E, NMPM, Lea County, New Mexico, and in support thereof states:

1. Applicant is co-owner and operator of the Hawk B-8 lease consisting of the E/2, the N/2 NW/4 and the E/2 SW/4 of Section 8, T-21S, R-37E.
2. Applicant drilled and completed on October 10, 1952, its Hawk B-8 Well No. 3 as an oil well in the Drinkard formation. Said well is in the defined limits of the Drinkard Oil Pool.
3. Applicant proposes to perforate selected intervals from 3565 to 3695 feet for the production of Eumont gas through the casing-tubing annulus while producing Drinkard oil through two-inch EUE tubing. Separation of fluids from the two pools will be effected by means of a permanent type production packer to be set at 3730 feet. A diagrammatic sketch of the dual completion and a copy of the well radiactivity log are attached hereto, showing all information pertinent to the dual completion.
4. That the intervals to be perforated for the production of Eumont gas in said well are in the defined limits of the Eumont Gas Pool.
5. That the well will be equipped in such a manner that there will be no commingling of fluids from the two common sources of supply and each productive zone will be tested separately in the well, as required by the Commission.

6. That approval of the proposed dual completion is in the interest of conservation and will serve to prevent waste and protect correlative rights.
7. That by copy of this letter of application, all offset operators are notified of this application.

We further respectfully request approval under the provisions of Rule No. 5 (b) of the Special Rules and Regulations for the Eumont Gas Pool of Order No. R-520 of a 240-acre non-standard gas proration unit consisting of the SE/4 and E/2 SW/4 of the said Section 8, to be allocated to the said well No. 3. In support of this request we should like to point out that the proposed unit conforms with the requirements of said Rule 5 (b) in all respects as follows:

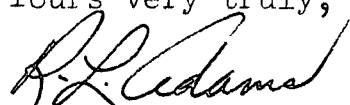
1. Said proposed non-standard gas proration unit consists of contiguous quarter-quarter sections.
2. Said proposed non-standard gas proration unit lies wholly within a single governmental section.
3. The entire proposed non-standard gas proration unit may be reasonably presumed to be productive of gas.
4. The length or width of said proposed non-standard gas proration unit does not exceed 5,280 feet.
5. Copies of this application have been furnished this date by registered mail to all offset operators and all operators within 1,500 feet of said well.

A plat is attached hereto showing to the best of our knowledge and belief the proposed unit, the location of the No. 3 well and other wells on the lease, offset wells and ownership thereof.

The granting of this application is in the interest of preventing waste and the protection of correlative rights.

In view of the facts set out herein, it is respectfully requested that the Commission enter an order approving the proposed dual completion and non-standard proration unit both as described above.

Yours very truly,



R. L. ADAMS  
Division Superintendent  
of Production  
New Mexico Division



STATE OF NEW MEXICO )  
COUNTY OF CHAVES ) ss

R. L. Adams, upon being duly sworn, deposes and says that he is the Division Superintendent of Production for Continental Oil Company, and as such is authorized to file the foregoing application, that he has read said Application and knows the contents thereof, and that the statements made therein are true, as he is credibly informed and believes.

R. L. Adams

Subscribed and sworn to before me this 5<sup>th</sup> day of

September, 1958.

Louis B. Houston  
Notary Public

My Commission expires:

5-25-60

cc: NMOCC - Santa Fe (4)  
NMOCC - Hobbs (3)  
HLJ - (2)  
JRP - (1)  
File - (1)

REGISTERED MAIL TO:

Pech Oil Company  
310 Phillips Building  
Odessa, Texas

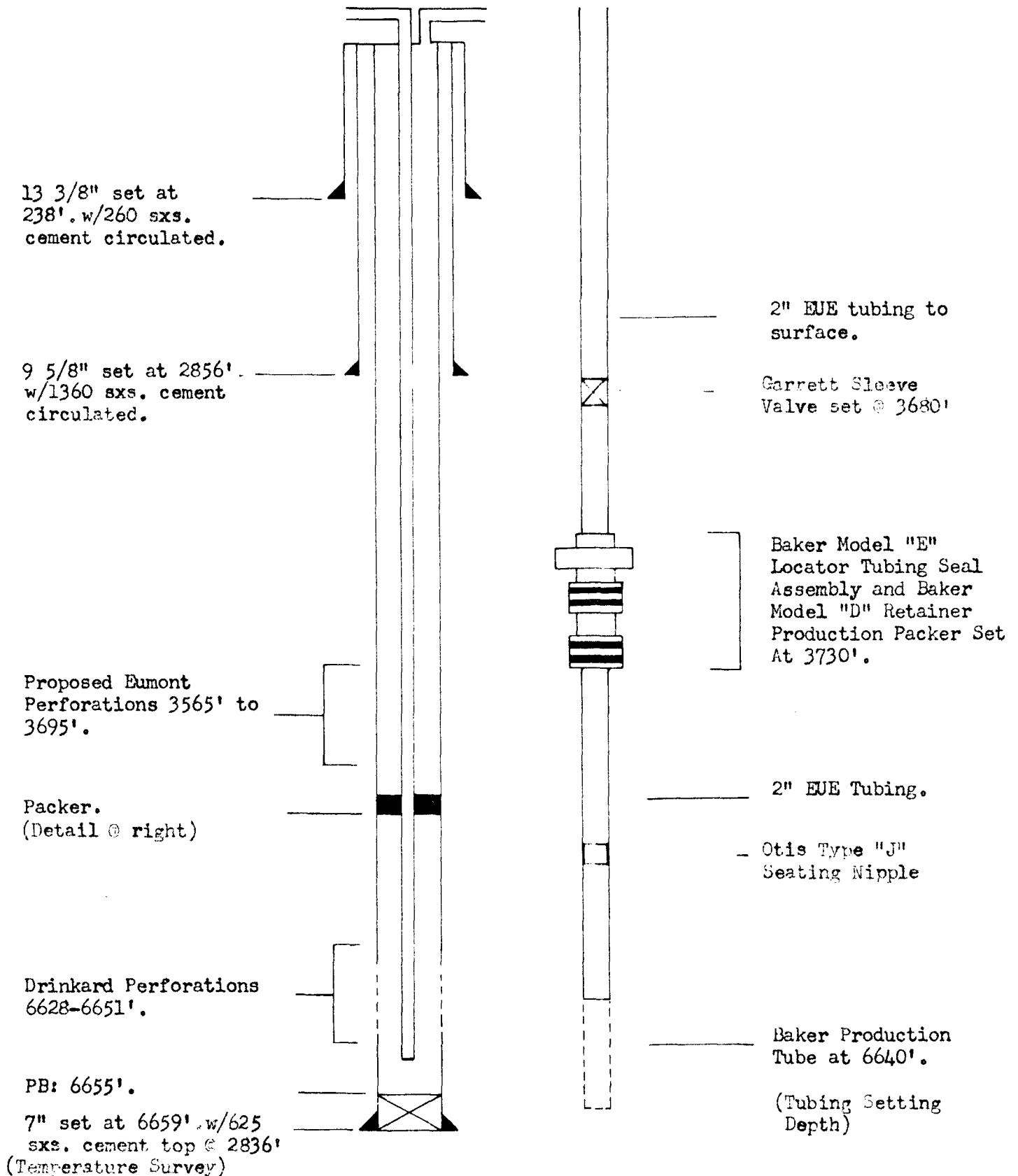
Texas Company  
P. O. Box 458  
Hobbs, New Mexico

Penrose, Neville G. Inc.  
1813 Fair Building  
Fort Worth, Texas

Pan American Petroleum  
Corporation  
Petroleum Building  
Roswell, New Mexico

CONTINENTAL OIL COMPANY  
 PROPOSED METHOD OF DUAL COMPLETION

HAWK B-8 NO. 3



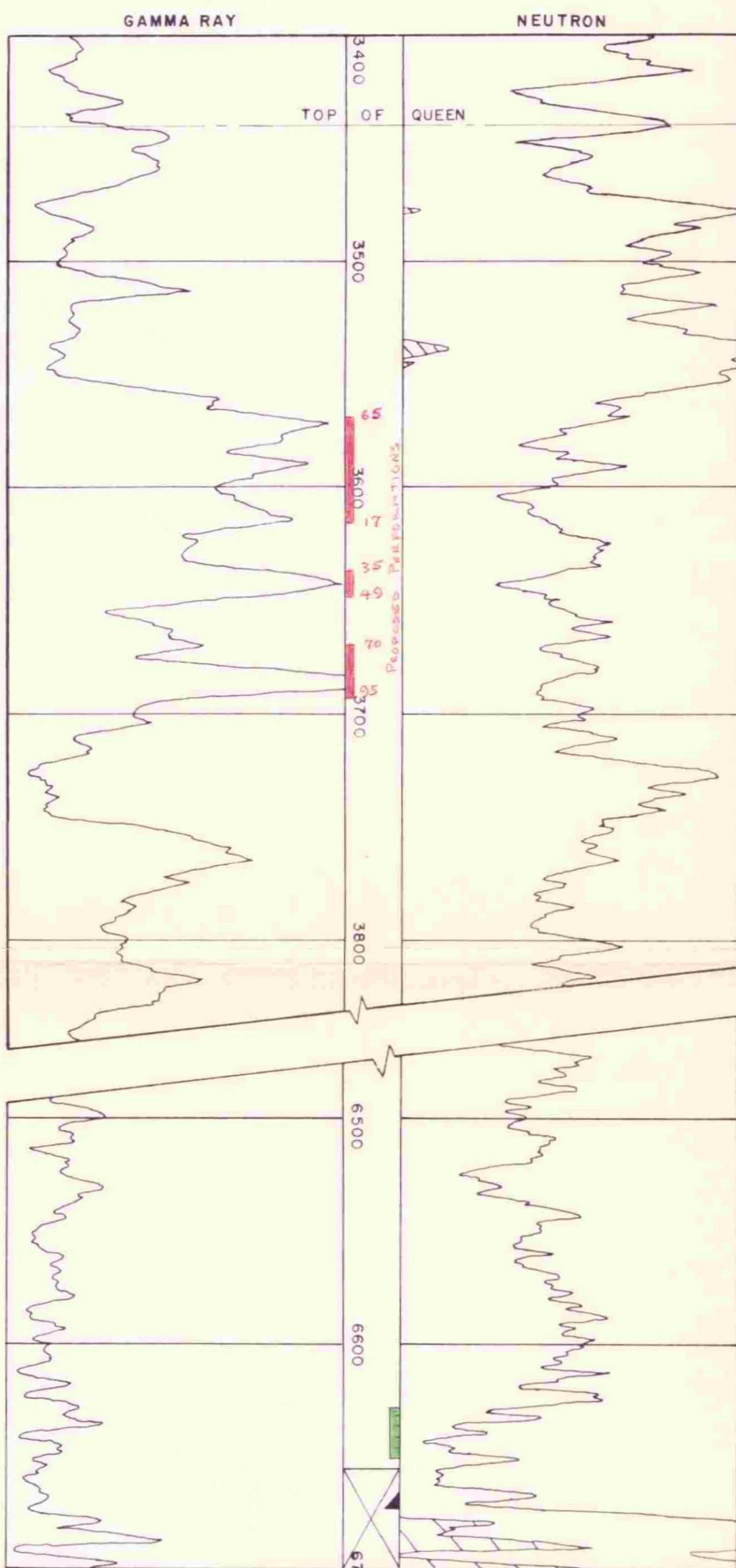
HAWK B-8 NO. 3

660' FSL - 1980' FEL

Sec. 8, T-21S, R-37E

Elev. 3503'

# CONTINENTAL OIL COMPANY



Set 13 3/8" csg. @ 238' w/260 sx (circ.), using 2 centralizers.  
 Set 9 5/8" csg. @ 2856' w/1200 sx 4% Gel, 100 sx neat and 60  
 Strata-Crete (circ), using 4 centralizers, 50 scratchers. Set  
 7" csg. @ 6659' w/500 sx 4% Gel, 100 neat, and 25 Perlite  
 (cement to 2836'), using 17 centralizers, 79 scratchers.

Swabbed thru open hole 1.5 bbls salt water, found to be produced  
 from interval 6673'-6677'. Set retainer @ 6655' and squeezed  
 off open hole section w/100 sx cement.

Perforated csg. 6628-6651' with packer at 6596' swabbed 35 BO  
 and 14 Bbl salt wtr/12 hours. Acidized w/1000 gals.

Completed for IP of 196 BOPD and 7 BWPD, based on 6-hour test,  
 flowing thru 3/4" choke on 2" tubing with 85.3 MCF gas, GOR 435.

Pay Drinkard from 6628' to 6655'.

Markers:	Top of Brown Lime	-----	2820'
	Top of Glorieta	-----	5230'
	Top of Blinebry	-----	5675'
	Top of Tubb	-----	6203'
	Top of Drinkard	-----	6502'

Completed: 10-12-52.