

MAIN OFFICE OCC

CONTINENTAL OIL COMPANY

Roswell, New Mexico  
December 5, 1956

RECEIVED DEC 6 1956

New Mexico Oil Conservation Commission  
P. O. Box 871  
Santa Fe, New Mexico

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

Re: Continental Oil Company  
Application for authority  
to effect an Arrowhead Oil-  
Eumont Gas dual completion  
on its Lockhart B-1 well  
No. 4 located in Section 1,  
T.22S, R.36E, Lea County,  
New Mexico; and for approval  
of a 160-acre non-standard  
gas proration unit consisting  
of the S/2 N/2 of Section 1,  
T.22S, R.36E.

Gentlemen:

Continental Oil Company respectfully requests  
administrative approval under the provisions of statewide rule  
112-A to dually complete in the Arrowhead oil pool and Eumont  
gas pool its Lockhart B-1 well No. 4 located 1980 feet from  
the North line and 2310 feet from the East line of Section 1,  
T.22S, R.36E, NMPM, Lea County, New Mexico. A plat attached  
hereto shows the manner in which the dual completion is proposed  
to be accomplished. The Eumont gas will be produced through  
the casing tubing annulus while the Arrowhead oil is being  
produced through the tubing. The fluids from the two reservoirs  
will be completely separated by appropriate packers, and the  
well will be so equipped that the reservoir pressure of each  
of the two pools may be determined separately. Well head  
equipment will include all necessary connections to permit  
accurate measurement of fluids produced by each pool as may  
be required by the Commission.

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 160-acre non-  
standard gas proration unit consisting of the S/2 N/2 of the  
said Section 1 to be allocated to the said well No. 4. 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:

NSP-337

Due 1/6/57

see DC-387  
memo 12/16/56

3310-3416

Eumont Gas - Q  
Arrowhead oil - G  
open hole  
3742-3800

1. Said unit consists of contiguous quarter-quarter sections (and/or lots)
2. Said unit lies wholly within a single governmental section.
3. The entire proposed unit may be reasonably presumed to be productive of gas.
4. The length or width of said 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, as required by the provisions of said Rule 5 (b).

A plat is attached hereto showing to the best of our knowledge and belief the proposed unit, the location of the No. 4 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

Copies to:

NMOCC-6  
HLJ-2  
Dist.

Registered Mail

GULF OIL CORPORATION  
P.O. Box 2167  
Hobbs, New Mexico

ROWAN OIL COMPANY  
P. O. Box 98  
Eunice, New Mexico

OHIO OIL COMPANY  
P. O. Box 2107  
Hobbs, New Mexico

New Mexico Oil Conservation Commission

STATE OF NEW MEXICO    )  
                                  ) ss.  
COUNTY OF CHAVES        )

R. L. Adams, being first duly sworn on behalf of the applicant in the above application, says: That he is the Division Superintendent, of applicant, and as such is authorized to make said application; that he has read the foregoing application, knows the contents thereof, and that the same are true as he is reliably informed and believes.

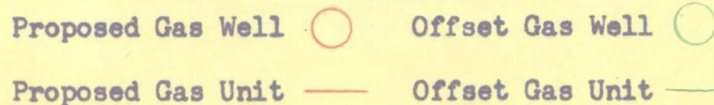
  
\_\_\_\_\_  
(Signature)

Subscribed and sworn to before me this 5<sup>TH</sup> day of  
December, 1956.

  
\_\_\_\_\_  
Notary Public

My Commission Expires:  
May 25, 1960

R-37-E



# CONTINENTAL OIL COMPANY

LOCKHART B-1 NO. 4

## Existing Pump Assembly

## Proposed Dual Completion Equipment and Pump Assembly

