

EXHIBIT NO. ⁴
CONTINENTAL OIL COMPANY
REQUEST FOR EXCEPTION
TO
N.M.O.C.C. RULE 309
IMFU MEYER B-4 LEASE

BEFORE THE
OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
Carroll
CASE 104 EXHIBIT No. 4

GENERAL INFORMATION:

1. Pool, formation and average depth -

The Eunice Pool produces from the Grayburg Dolomite of Permian age at an average depth of 3900'.

2. Location and size of lease -

The IMFU Meyer B-4 lease is comprised of the E/2 and E/2 of the W/2 of section 4-T21-S - R36-E, Lea County, New Mexico. The lease consists of ~~640~~ ^{720 (as)} acres.

3. No. of wells on lease -

There are 18 wells on the IMFU Meyer B-4 lease, of which 17 are completed in the Grayburg formation and are producing into common storage. One well, No. 14, was P.B. on 12-3-53 and recompleted as a gas well in the Queen formation. The No. 7 well was dual completed on 12-31-55 for gas in the Queen formation Eunice Pool and oil in the Grayburg formation, Monument Pool.

4. Date 9th well started producing into common storage -

In developing the IMFU Meyer B-4 lease, two batteries were installed. The North battery located in the center of the NE/4 of section 4, T-21S, R-36E served 9 wells, (Nos. 9, 10, 12, 13, 14, 15, 16, 17, 18.) The 9th well to produce into this battery was potentialled 3-1-37.

The South battery located in the center of the SE/4 of section 4, T-21S, R-36E served 9 wells, (Nos. 1, 2, 3, 4, 5, 6, 7, 8, 11.) The 9th well was potentialled 8-14-36. The two batteries were consolidated on 1-15-40. The present battery is located in the center of the ~~SE~~ ^{NE} /4 of section 4, T-21S, R-36E.

5. Current lease allowable and production -

Total lease allowable and production is 411 BOPD. Only 5 wells are capable of producing top pool allowable of 41 BOPD.

6. Tank battery facilities -

The IMFU Meyer B-4 battery contains the following separating, treating and storage equipment:

- (a) Two 4' x 12' vertical test separators.
- (b) Two 4' x 12 1/2' vertical production separators.
- (c) One 10' x 20' emulsion treater (230 bbls.)
- (d) One 10' x 24' settling tank (332 bbls.)
- (e) Twelve 8 1/2' x 15 1/2' 250 bbl. tanks.

The total storage capacity of this battery is 3000 barrels; providing approximately 7 days storage.

7. Testing facilities:-

The IMFU Meyer B-4 battery is equipped with a 9 well manifold and an 8 well manifold. Each manifold is so connected that the production of any well can be directed through a 4' x 12' vertical test separator and then directed into any one of the twelve stock tanks in the battery. Each test separator is equipped with an orifice meter and a one-pen recorder for metering gas production from individual wells on test. Water produced by wells on test is obtained from tank gauges on free water and grind-outs on combined water. Under normal operating conditions, two wells can be tested at one time with the testing equipment mentioned above. If necessary 4 wells can be tested at one time by shutting in the remaining wells on the lease.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

O. Box 997
Roswell, New Mexico
February 24, 1940

827

Las Cruces 031740(b)

Continental Oil Company
Box CC
Hobbs, New Mexico

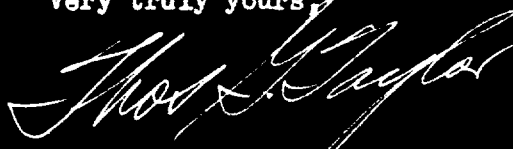
Gentlemen:

Receipt is acknowledged of your "Subsequent Report of Battery Centralization" dated February 21, 1940, covering Meyer B-4 leases, wells 1 to 18, on the subject land in the $E\frac{1}{2}$ and $E\frac{1}{2}W\frac{1}{2}$ Sec. 4, T. 21 S., R. 36 E.

The attached report is approved as of today.

Lse

Very truly yours,



THOMAS G. TAYLOR,
District Engineer.

TGT:LJL

(SUBMIT IN TRIPPLICATE)

U. S. Land Office Las CrucesLease or permit No. 031740-B

Allottee.....

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF REDRILLING OR REPAIR.....
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....
NOTICE OF INTENTION TO ABANDON WELL.....	Subsequent report of battery.....

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Morgan, New Mexico Hobbs, New Mexico Feb. 21, 1940

Well No. 1-13 is located _____ ft. from $\left\{ \begin{smallmatrix} N \\ S \end{smallmatrix} \right\}$ line and _____ ft. from $\left\{ \begin{smallmatrix} E \\ W \end{smallmatrix} \right\}$ line of sec. _____

<u>E/1-13-14</u>	<u>21-S</u>	<u>36-E</u>	<u>N.M.P.M.</u>
(1/4 Sec. and Sec. No.)	(Twp.)	(Range)	(Meridian)
<u>Roswell</u>	<u>Lee County</u>	<u>New Mexico</u>	
(Field)	(County or Subdivision)	(State or Territory)	

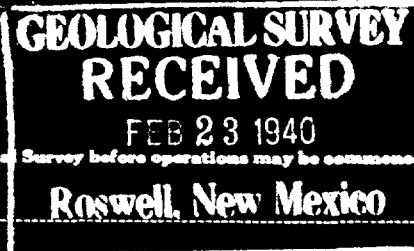
The elevation of the derrick floor above sea level is _____ ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

The south battery on this lease was eliminated, and the flow of the seventeen wells on this lease was consolidated into the north battery of 12-350 bbl. steel tanks effective 1-15-40.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Geophysical Co. CompanyAddress Roswell, New MexicoBy [Signature]
Title Dist. Supt.

ILLEGIBLE