

OCC  
Hill

**SUN OIL COMPANY**

NSP-238  
Due 2/9/56  
DC-271  
Due 2/16/56  
A. S. RHEA  
S. E. OPERATING DEPT.  
if OK call 2/16/56  
having in case #1019

SOUTHWEST DIVISION  
RIO GRANDE NATIONAL BUILDING  
**DALLAS 2, TEXAS**

January 27, 1956

S. M. GLADNEY  
MANAGER  
T. F. HILL  
ASSISTANT MANAGER

(No copy for V.M. 1/26/56)

Mr. W. B. Macey, Secretary  
New Mexico Oil Conservation Commission  
Santa Fe, New Mexico

Dear Sir:

Sun Oil Company hereby petitions the New Mexico Oil Conservation Commission for an order granting permission to dually complete W. W. Weatherly, et al Well No. 1 as a gas well in the undesignated gas pool and as an oil well in the Penrose-Skelly Oil Pool, and to establish a 160 acre non-standard gas proration unit lying within the limits of an Undesignated Gas Pool, Lea County, New Mexico, as provided in Rule 1 of Order No. R-520 dated August 1, 1954, and in support thereof states as follows:

1. Sun Oil Company's W. W. Weatherly lease contains 160 acres. This 160 acres is described as follows:

W/2 NE/4, NW/4 SE/4, NE/4 SW/4 of Section 17,  
T-21-S, R-37-E, NMPM, Lea County, New Mexico.

This 160 acres is located less than one (1) mile from the nearest Queen Gas Sand well in the Eumont Pool and the oil unit is situated in the horizontal limits established for the Penrose-Skelly Oil Pool.

2. Well No. 1 is located 1981 feet from the west line and 1980 feet from the south line of Section 17, T-21-S, R-37-E. Application to drill this well was made March 27, 1936 and has been producing from the Penrose-Skelly Field since completion. The entire 160 acres is within the drainage area attributal to the well.
3. By Registered Mail, with return receipt attached, Continental Oil Company, Tide Water Associated Oil Company, The Texas Company, Frank Buttram, Dixilyn Drilling Company, Pech Oil Company and N. G. Penrose, Inc. were notified of Sun Oil Company's intentions to complete a dual gas-oil well from the Undesignated Gas Pool and to assign 160 acres to the well, and to continue its present completion in the Penrose-Skelly Oil Pool.
4. Well No. 1 was originally drilled to total depth 3815 feet; 7" casing is set at 3083 feet; 5" liner will be set from 2915/3815 feet and cemented; 5" liner will be perforated 3522/60 feet opposite the Queen Sand for completion as a gas well. Penrose-Skelly Sand will be perforated 3722/80 feet for completion as an oil well. The above perforated intervals are within the vertical limits of the Eumont Gas Pool and the Penrose-Skelly Oil Pool.
5. By appropriate conventional dual completion equipment, the gas from the



- Proposed

Penrose-Shelly

W. W. Weatherly

Lea County, N. M.

1

2 1/2"

3750

3500

3640

3410' / -

Queen Sand

3560' / -

3522/60

Gas

Annulus

Brown Oil Tool Type DSR.

3700'

3680' / -

Grayburg

3732/80

Oil

Tubing

3815' / -

5"

3815

3815'

J. T. Hightower  
1-27-56

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