

APPLICATION BEFORE THE CONSERVATION COMMISSION OF NEW MEXICO

Application of Amerada Petroleum Corporation for Authority to Establish a Bressure Maintenance Program in the Saunders Field Underlying the S/2 S/2 Section 3 and the N/2 Section 10, all in Township 15 South, Range 33 East, Lea County, New Mexico)

Case No. 2533

APPLICATION

Applicant Amerada Petroleum Corporation alleges and states:

1. Applicant is owner and operator of the oil and gas leases covering:

Township 15 South, Range 33 East:
 Section 3: S/2 S/2
 Section 10: N/2
 Lea County, New Mexico,

to be called the Project Area, as shown on the plat attached, marked EXHIBIT "A".

2. The Project Area is underlain by the Saunders Pool, which is the 9800' Oil Zone in the Pennsylvanian formation as shown on the log of the Amerada State SE No. 1 Well, attached and marked EXHIBIT "B".

3. Wells located in the Project Area showing producing capacities in the Saunders Pool based on averages taken during February, 1962, include:

| <u>Well Name</u> | <u>Location</u> | <u>Daily Producing Capacity</u> |
|------------------|-----------------|---------------------------------|
| Amerada SC No. 2 | NW NW Sec. 10 | 58 bbls. |
| Amerada SC No. 3 | SE NW Sec. 10 | 50 bbls. |
| Amerada SE No. 1 | NE NW Sec. 10 | 17 bbls. |
| Amerada SF No. 1 | NW NE Sec. 10 | 15 bbls. |
| Amerada SD No. 2 | SE SW Sec. 3 | 50 bbls. |

4. Applicant proposes this pressure maintenance program in an effort to build up or maintain reservoir pressure in the pool which is now in the advanced primary stage of depletion and not in the advanced or "stripper" stage of depletion.

5. Applicant proposes in this program to convert the Amerada SE No. 1 Well and to inject at capacity but not to exceed 3500 barrels per day of water produced from the formation plus such additional fresh water as may be required, with the injection well having the following casing:

- 13 3/8" surface casing set at 297' and cemented with 250 sacks.
- 8 5/8" intermediate casing set at 4232' and cemented with 1500 sacks, with the top of the cement at 1659'.
- 5 1/2" producing string set at 9975' and cemented with 600 sacks, with the top of the cement at 6738'.

Handwritten notes and signatures in the bottom left corner.

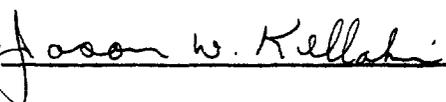
6. The program here proposed will prevent waste and protect the rights of owners within the Project Area.

WHEREFORE, Applicant requests that this matter be set for hearing, that notice thereof be given as required by law and upon hearing the Commission enter an order approving the program here proposed.

AMERADA PETROLEUM CORPORATION

By 
H. D. Bushnell

KELLAHIN AND FOX

By 

ATTORNEYS FOR APPLICANT