

OCC
Hobbs
MAIN OFFICE OCC

SINCLAIR OIL & GAS COMPANY
BOX 1470
MIDLAND, TEXAS

HOBBS OFFICE OCC

August 31, 1956

1956 SEP 5 PM 5:00
New Mexico Oil Conservation Commission (3)
P. O. Box 871
Santa Fe, New Mexico

Re: Application to Dually Complete
Sinclair's State 396 No. 1 in the
Dean Devonian and Dean Pennsylvanian
Pools, Lea County, New Mexico.

Gentlemen:

Sinclair Oil & Gas Company makes this application for an Administrative Order permitting the dual completion of their State 396 Well No. 1 in the Dean Devonian and Dean Pennsylvanian formations, Lea County, New Mexico under Order R-799.

In this respect Sinclair wishes to state:

1. Sinclair Oil & Gas Company is the operator of their State 396 Well No. 1 located 1980 feet from the South and 2010 feet from the West lines of Section 35-15S-36E, Lea County, New Mexico. Subject well was drilled to a depth of 13,690 feet and was completed as an oil well in the Devonian Formation on January 6, 1956. Seven inch casing was set at total depth and cemented so that the top of the cement circulated to a point 11,585 feet from the surface. Sinclair proposes to perforate and re-cement the interval from 11,433 feet to 9,645 feet (top Wolfcamp) so as to protect the oil productive formations behind the production string. (A copy of the temperature surveys and a detailed account of the re-cementing work performed will be submitted after said work is done.)
2. Sinclair proposes to dually complete subject well in the following manner:
 - (a) Produce the Devonian formation from the existing perforations from 13,625 to 13,689 feet.
 - (b) Set a permanent retainer type production packer above the Devonian perforations at about 13,500 feet to separate the two zones.
 - (c) Perforate the Pennsylvanian formation from approximately 11,433 to 11,600 feet.

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- (d) Run 2" EUE tubing with latching sub and seals for Devonian production.
- (e) Run 2" Hydril "CS" tubing for Pennsylvanian production.
- 3. Sinclair believes that the manner and method of this proposed dual completion as shown on the attached diagrammatic sketch is mechanically feasible and practical.
- 4. Sinclair will comply with all the Rules and Regulations of the Commission applicable to dual completions and to the separation of pay zones.
- 5. Sinclair believes that the granting of this application is in the interest of conservation and the protection of correlative rights.
- 6. Sinclair has notified all operators within the horizontal limits of the Dean Devonian and the Dean Pennsylvanian pools of this application by copy thereof via registered mail. Said operators are listed below and are shown on the attached ownership map.

Sinclair, therefore, requests that this application for a permit to dual complete in the Dean Devonian and Dean Pennsylvanian Pools in their State 396 No. 1 be granted administratively under Order R-799. I hereby certify that the information contained in this application is true and complete to the best of my knowledge and belief.

SINCLAIR OIL & GAS COMPANY

By: *H. B. Defenbaugh*
H. B. Defenbaugh
Div. Production Superintendent

HFD:RMA:id

Sworn to and subscribed before me this 31 day of August, 1956.

Roy D. Satterwhite
Roy D. Satterwhite
Notary Public in and for Midland
County, Texas

Attachment: Ownership Map
Schematic Sketch

cc: Via Registered Mail

Atlantic Refining Company
P. O. Box 871
Midland, Texas

Cities Service Oil Company
P. O. Box 97
Hobbs, New Mexico

Magnolia Petroleum Company
P. O. Box 633
Midland, Texas
Attn: Mr. H. K. Holland

Tidewater Associated Oil Company
P. O. Box 731
Tulsa, Oklahoma
Attn: Mr. H. E. Berg

Gulf Oil Corporation
Drawer 962
Roswell, New Mexico
Attn: Mr. M. I. Taylor

Humble Oil & Refining Company
P. O. Box 1600
Midland, Texas

Ohio Oil Company
P. O. Box 552
Midland, Texas

CLAIR OIL & GAS COMPANY
PROPOSED FLOWING DUAL COMPLETION
DEAN DEVONIAN AND PENNSYLVANIAN ZONES
LEA COUNTY, NEW MEXICO
STATE 396 NO. 1

