

UC - 171

May 5/26/55

NEW MEXICO

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GULF OIL CORPORATION
FORT WORTH PRODUCTION DIVISION
P. O. Box 2167
Hobbs, New Mexico

May 11, 1955

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

Re: Application to Dually Complete
Gulf Oil Corporation Arnott-
Ramsay State "C" No. 13, Eunice
Pool, Lea County, New Mexico

Gentlemen:

By this letter of application, Gulf Oil Corporation wishes to state the following:

(a) That Gulf Oil Corporation Arnott-Ramsay "C" No. 13, located in the C SE/4 NW/4 of Section 21-21S-36E, was completed May 5, 1937, at a total depth of 3902'. The attached Exhibit "A" shows the location of this well on the Gulf Oil Corporation Arnott-Ramsay Lease together with the location of all offset wells.

(b) That subject well has 5½" casing set at 3782' and cemented with 150 sacks of cement. The well is an oil well producing from the open hole interval from 3782 - 3902' in the Eunice Pool.

(c) That the applicant proposes to dually complete the well in the following manner:

- (1) Perforate the 5½" casing within the interval of the Eumont Gas Pool.
- (2) Set production type packer below these perforations at approximately 3730' to separate the two pay zones.
- (3) Produce the Eunice Pool oil through the tubing and the Eumont gas through the tubing-casing annulus.

(d) That the granting of this application for permission to produce the well as a dual completion with gas from the Eumont and oil from the Eunice is in the interest of conservation and the protection of correlative rights.

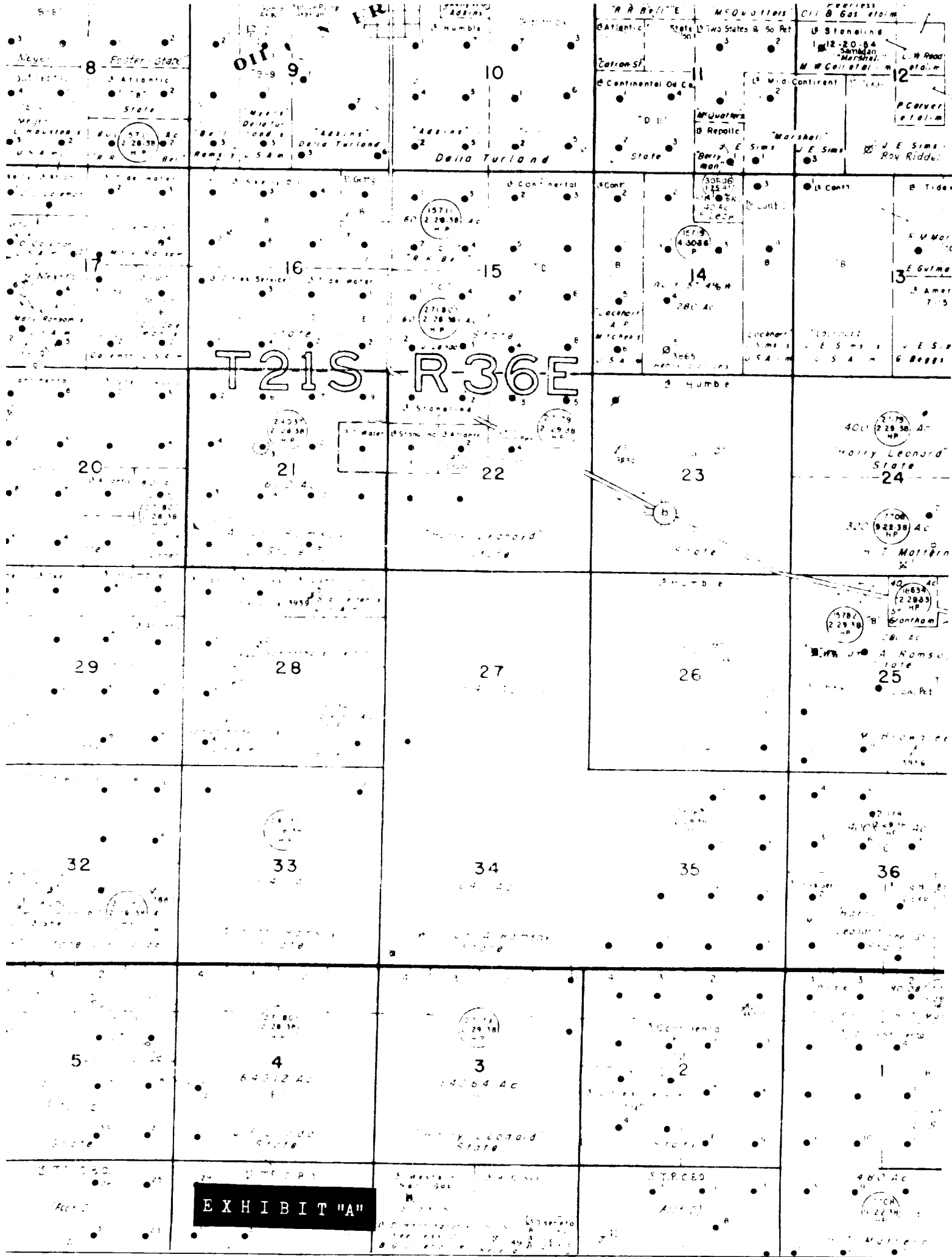


EXHIBIT "B"
Schematic Diagram of Proposed Dual Completion
Gulf Oil Corporation's Arnott-Ramsay "C" No. 13

Proposed gas interval to be perforated is approximate and is contingent upon interpretation of Gamma Ray-Neutron log to be run at time of dual completion work.

Gas Zone to be perforated is Eumont.

7-5/8" csg @ 1435'

Circulating valve (closed).

Packer at 3740'

5-1/2" csg @ 3782'

Seating Nipple

Circulating valve (open)

Propose to plug back in open hole to shut off water prior to dually completing.

Oil Zone - Eunice Line

T.D. 3902'

EJF:ptg
4-8-55

12-80 20 X 20 12 THE INCH 539 10' 26