

Case 1341

*Ex Log  
11-20*

MAIL OFFICE 666  
OCT 28 11 43 AM '57

R. OLSEN

*Oil Producer*

2808-14 LIBERTY BANK BUILDING  
OKLAHOMA CITY 2, OKLAHOMA

October 28, 1957

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

Re: Amended Application for Permit to Dual Complete as an Oil Well R. Olsen, et al, Sarkeys Well #2 in Tubb Zone and Blinebry Zone, Section 25, Township 21 South, Range 37 East, NMPM, Lea Co, N. M.

Gentlemen:

R. Olsen hereby amends his application dated September 20, 1957 and respectfully requests a hearing for permission to complete as an oil-oil dual its Sarkeys Well #2 in such a manner that oil may be produced from the vertical limits of Blinebry zone and from the vertical limits of Tubb zone.

This well is located 660 feet from North line and 660 feet from West line of Section 25, Township 21 South, Range 37 East, NMPM, Lea County, New Mexico.

The following casing program is set up for this well: 9-5/8" set at 1150' (top anhydrite), cement circulated to surface; 7" set at 5795' with 600 sacks bottom, D. V. tool set 1400', cemented with 200 sacks, cement circulated to surface.

It is proposed to perforate, treat and test separately the pay zones. For test purposes each pool will be separated by use of a bridge plug or production packer.

Upon completion, the two zones will be separated by use of a retainer type production packer. Well will then be produced using two parallel strings of 2" tubing.

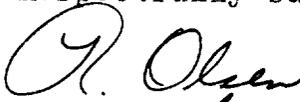
*Docket Mailed  
11-6-57  
EP*

Plat showing acreage to be dedicated to this well, well location, and offset operators, is on file in your office with application dated September 20, 1957. Attached is a corrected diagrammatic sketch showing the proposed mechanical completion of this well.

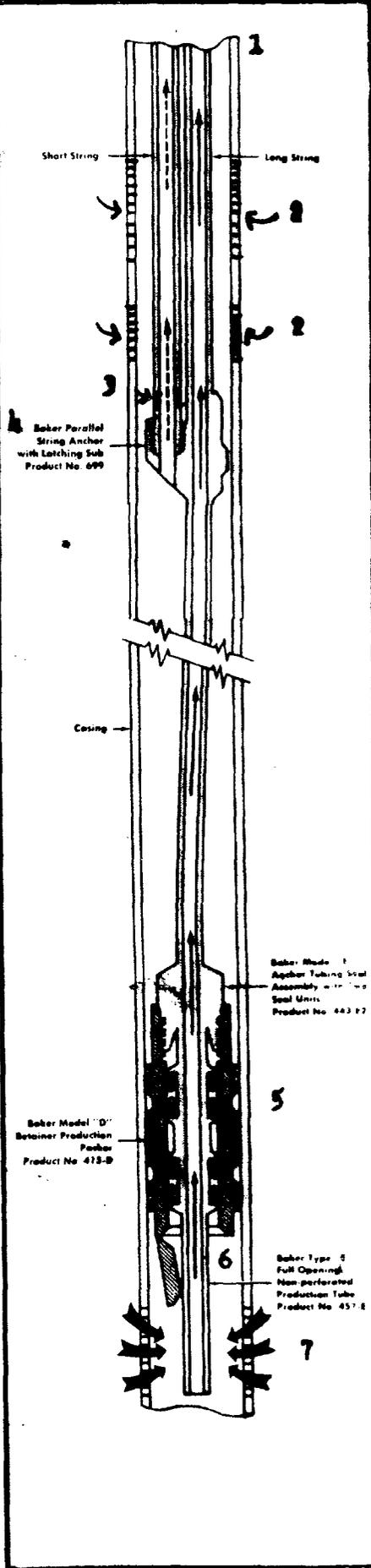
It is the opinion of the applicant that the manner and method proposed for the dual completion of this well is mechanically feasible and practical, and is in the interest of conservation and the protection of correlative rights.

The applicant will comply with all rules and regulations of the New Mexico Oil Conservation Commission to the maintenance and producing of this well.

Respectfully submitted,

  
R. OLSEN 

RO:kz



LEASE: OLSEN-SARKEYS      WELL NO: 2  
 FIELD: TUBB GAS POOL  
 COUNTY: LEA                  STATE: NEW MEXICO

DUAL COMPLETION DATA

ITEM	DESCRIPTION
1	7" OD 23# Casing set @ 5795'
2	Casing Perforations: 5670-5800'
3	Tubing perforated from 5768-5771'
4	Anchor and 2" EUE 4.70# Tubing w/Norris Bevel Collars set at 5771'
5	Anchor and Packer set 6115-18'
6	Long String Tubing: 2" Reg EUE 4.70# set @ 6310'
7	Lower Casing Perforations: 6160' to 6315'

TOTAL DEPTH - 6336'

TYPE OF TUBING HEAD: 9-5/8" x 7" x 2" OCT Dual Suspension.

## Mailing List

Sinclair Oil and Gas Company  
Petroleum Tower Building  
Midland, Texas

Gulf Oil Corporation  
P.O. Box 669  
Roswell, New Mexico

R. Olsen Oil Company  
2805 Liberty Bank Building  
Oklahoma City 2, Oklahoma

Harper Oil Company  
Hightower Building  
Oklahoma City 2, Okla.

Magnolia Petroleum Company  
P.O. Box 662  
Roswell, New Mexico

NEW MEXICO  
OIL CONSERVATION COMMISSION

Form C-128

Well Location and/or Gas Proration Plat

Date Sept. 12, 1957

Operator R. OLSEN Lease SARKEY

Well No. 2 Section ~~XXXX~~ ~~XXXX~~ 25 Township 21S Range 37E NMPM

Located 660 Feet From North Line, 660 Feet From West Line,

Lea County, New Mexico. G. L. Elevation \_\_\_\_\_

Name of Producing Formation Blinebry - TubbPool Undes. Dedicated Acreage 40

(Note: All distances must be from outer boundaries of Section)

			Continental Unit
2 3	Sinclair	Magnolia	2 4
	Gulf Harper	o R.Olsen Sarkey #2	Gulf
2 6		o R.Olsen Sarkey #1	2 5
	Olsen Oil	Olsen Oil	Sinclair

SCALE: 1" = 1000'

1. Is this Well a Dual Comp. ? Yes X No \_\_\_\_.
2. If the answer to Question 1 is yes, are there any other dually completed wells within the dedicated acreage? Yes \_\_\_\_\_ No X.

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Name ~~XXXXXXXX~~  
Position Assist. Prod. Supt.  
Representing R. OLSEN  
Address DRAWER "Z" JAL, NEW MEX.

Date Surveyed \_\_\_\_\_  
Registered Professional Engineer and/or Land Surveyor

W. D. GIRAND  
LAWYER  
231 LEA COUNTY STATE BANK BUILDING  
HOBBS, NEW MEXICO

May 16, 1958.

Oil Conservation Commission,  
State Capitol,  
Santa Fe, New Mexico.

Attention: Mr. A. L. Porter.

Gentlemen:

Enclosed you will find, in triplicate, Amended Application of the Jal Oil Company, Inc. This Amended Application is in lieu of the Application previously assigned Case No. 1341, which Hearing was vacated in November of 1957.

We request that this matter be set on the next examiner's docket to be held in Hobbs, New Mexico.

By Registered Mail, we are furnishing each of the offsetting operators a copy of this Amended Application.

Very truly yours,

*W. D. Girand*  
W. D. GIRAND.

G/bc  
Encls.

cc: Oil Conservation Commission, Hobbs, New Mexico.  
Jal Oil Company, Jal, New Mexico.  
R.R.R.

Sinclair Oil & Gas Company, Petroleum Tower Building,  
Midland, Texas.

Gulf Oil Corporation, Post Office Box 669, Roswell,  
New Mexico.

R. Olsen Oil Company, 2805 Liberty Bank Building,  
Oklahoma City 2, Oklahoma.

Harper Oil Company, Hightower Bldg., Oklahoma City 2, Okla.  
Magnolia Petroleum Corporation, Box 662, Roswell, N.M.

*Exam Hearing*

*Oil - Oil Deal*

*6 mos period to  
make up production  
during test period.  
Case 1341*

TELEPHONE:  
EX. 9116  
POST OFFICE BOX 1

BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO.

*Blimebry and Tubbs*  
CASE NO. 1341

IN THE MATTER OF THE JAL OIL COMPANY, INC.)  
FOR PERMISSION TO EFFECT DUAL COMPLETION )  
(OIL-OIL) OF ITS JAL OIL COMPANY SARKEYS )  
#2, LOCATED 660 FEET SOUTH OF THE NORTH )  
LINE AND 660 FEET EAST OF THE WEST LINE )  
OF SECTION 25, TOWNSHIP 21 SOUTH, RANGE )  
37 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO )  
IN THE BLIMEBRY AND TUBBS POOL. )

COMES NOW Jal Oil Company, operator of that certain well designated as Jal Oil Company, Inc. Sarkeys Well #2, located 660 feet ~~South of the North line~~ and 660 feet ~~East of the West line~~ in the NW $\frac{1}{4}$ NW $\frac{1}{4}$  of Section 25, Township 21 South, Range 37 East, N.M.P.M., Lea County, New Mexico, formerly designated R. Olsen, et al., Sarkeys Well #2, and files this its Amended Application for an oil-oil dual completion producing oil from the Blimebry <sup>oil pool</sup> through perforation points between 5570 feet to 5769 feet and producing oil from the Tubbs Pool through perforation points from 6160 feet to 6315 feet.

Applicant would show that the well was spudded on August 30, 1957 and drilled to a total depth of 6335 feet, drilling completed on or about October 26, 1957.

Applicant would further show that prior to applicant's obtaining title to this Lease, an original Application for

dual completion was filed in October and an Amendment to that Application was filed in November of 1957. The Amended Application was assigned Case No. 1341 and for Hearing on November 20, 1957. Thereafter, by Order of the Commission, the Hearing was vacated.

Applicant would show that there were minor discrepancies appearing in the information contained in the Application, primarily relating to the total depth and perforation points.

Applicant now files its Amended Application, together with supporting exhibits, showing the correct data relative to the perforation points, method of completion, location of the well and the mechanical operation and completion of the well.

In this connection, applicant has attached hereto Exhibit No. "1", being a Chronological Report showing the drilling of the well to its total depth.

Applicant has attached hereto a Chronological Report, marked Exhibit "2", showing the perforation points and the completion methods used by the applicant, as well as the mechanical devices used for dually completing the well.

Attached hereto and marked Exhibit "3" is a cross-section of the bore hole, showing the dual completion data of the well.

Attached hereto, marked Exhibit "4", is the contour map showing the location of the well in question and locating other producing wells in the area and having a contour interval of fifty (50) feet.

Attached hereto, marked Exhibit "5", is a drawing showing dual tubing, suspension assembly, together with a legend fully describing all of the integral parts.

In this connection, applicant would show that packer leakage tests have been run by John W. West, Licensed Surveyor and Engineer, and such tests establish beyond any doubt that there is no co-mingling of oil produced from the Blimebry and Tubbs Sections.

Applicant would further show the Commission that the methods and equipment used in the dual completion of the well are the accepted methods and equipment used in the industry in dual completions of oil-oil wells.

The applicant, by registered mail, has forwarded a copy of this Application to each of the following operators off-setting the subject well:

SINCLAIR OIL & GAS COMPANY,  
PETROLEUM TOWER BUILDING,  
MIDLAND, TEXAS.

GULF OIL CORPORATION,  
POST OFFICE BOX 669,  
ROSWELL, NEW MEXICO.

R. OLSEN OIL COMPANY,  
2805 LIBERTY BANK BUILDING,  
OKLAHOMA CITY 2, OKLAHOMA.

HARPER OIL COMPANY,  
HIGHTOWER BUILDING,  
OKLAHOMA CITY 2, OKLAHOMA.

MAGNOLIA PETROLEUM CORPORATION,  
POST OFFICE BOX 662,  
ROSWELL, NEW MEXICO.

Applicant would further show to the Commission that since the first of the year, by special applications, the applicant has received permission to produce three thousand (3000) barrels of oil from the Blimebry Zone for the purpose of testing and in this connection, of the three thousand barrels authorized, applicant has actually produced approximately eighteen hundred barrels (1800) barrels and that the 1800 barrels produced, if chargeable against the allowable of this well, should be made up by the applicant over a six-month period to avoid the complete shut-in of the Blimebry Zone, it being the opinion of the applicant that if applicant is required to completely shut-in the Blimebry Zone until the assigned allowable for such zone has accumulated the amount of oil heretofore produced, said section will be permanently impaired, resulting in a waste.

WHEREFORE, applicant prays that this matter be set down for Hearing before an Examiner of the Commission, at Hobbs, New Mexico, at the earliest possible date and upon Hearing, the applicant be authorized to dually complete the well designated as Jal Oil Company, Inc. Sarkeys #2, located in the NW $\frac{1}{4}$ NW $\frac{1}{4}$  of Section 25, Township 21 South, Range 37 East, granting unto such well an allowable from the Blimebry Zone as well as an allowable from the Tubbs Oil Pool in accordance with Rule 505 of the Rules of the Commission and that the Commission enter its appropriate Order requiring the applicant to make up the eighteen hundred barrels of oil heretofore produced for testing purposes over a period of six months from the first six months allowable assigned to said Blimebry section and for such other and further appropriate order as the Commission may find just and proper in the premises.



W. D. GIRAND,  
BOX 1445,  
HOBBS, NEW MEXICO.

(ATTORNEY FOR APPLICANT)