

PROOF OF PUBLICATION

STATE OF NEW MEXICO }
County of Eddy } ss.

Vernon Bryan, being duly sworn deposes and says that he is the Manager of **THE ARTESIA ADVOCATE**, a newspaper published in Artesia, Eddy County, New Mexico, that the notice of Notice of Publication State of New Mexico Oil Conservation Comm. Case 272

a copy of which is hereto attached was first published in said newspaper in its issue dated April 27, 1951 and was published in the weekly issue of said newspaper, and not in any supplement, thereafter for the full period of one con-secutive weeks, the last publication thereof being in the issue dated April 27, 1951

Vernon Bryan

Subscribed and sworn to before me on 5-5-51

Leland J. King
Notary Public

Publishers Fees \$ 4.30

**NOTICE OF PUBLICATION
STATE OF NEW MEXICO
OIL CONSERVATION
COMMISSION**

The State of New Mexico by its Oil Conservation Commission hereby gives notice pursuant to law and the Rules and Regulations of said Commission promulgated thereunder, of the following public hearing to be held May 22, 1951, beginning at 10:00 a. m., on that day in the City of Santa Fe, New Mexico, in the Council Chamber of the City Hall.

STATE OF NEW MEXICO TO:
All named parties in the following cases and notice to the public:
Case 272
In the matter of the application

of the Oil Conservation Commission of New Mexico, upon its own motion, for the designating of new pools, or extension of various pools listed as follows:

(a) Magnolia Petroleum Company for an order designating a new pool for or the extension within an existing pool of a well identified as Magnolia No. 1 State "A", 2310 feet from the south line and 990 feet from the west line section 32, T. 19 S., R. 27 E., N.M.P.M., Eddy County, New Mexico.

GIVEN under the seal of the Oil Conservation Commission of New Mexico, at Santa Fe, New Mexico, on this 23d day of April, 1951.

**STATE OF NEW MEXICO
OIL CONSERVATION
COMMISSION**
R. R. SPURRIER, Secretary

34-11

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Affidavit of Publication

NOTICE OF PUBLICATION STATE OF NEW MEXICO OIL CONSERVATION COMMISSION

The State of New Mexico by its Oil Conservation Commission, hereby gives notice pursuant to law and the Rules and Regulations of said Commission promulgated thereunder, of the following public hearing to be held May 22, 1951, beginning at 10:00 a. m. on that day in the City of Santa Fe, New Mexico, in the Council Chamber of the City Hall.

STATE OF NEW MEXICO TO:
All named parties in the following cases and notice to the public:

CASE 272
In the matter of the application of the Oil Conservation Commission of New Mexico, upon its own motion, for the designating of new pools, or extension of various pools listed as follows:

(a) Magnolia Petroleum Company for an order designating a new pool for or the inclusion within an existing pool of a well identified as Magnolia No. 1 State "A," 2310 feet from the south line and 990 feet from the west line section 32, T. 19S, R. 27E, N.M.P.M., Eddy County, New Mexico.

(b) Lawton Oil Corporation for an order designating a new pool for or the inclusion within an existing pool of Lawton, Goldston State A-1, 660 feet from the south and east lines section 30, T. 15S, R. 33E, N.M.P.M., Lea County, New Mexico.

CASE 273
In the matter of the application of Sinclair Oil and Gas Company for an order granting an exception to Rule 506 of the Rules and Regulations of the Oil Conservation Commission for its high gas-oil ratio well, Ollie Boyd No. 2, located regularly in the NW/4 NW/4 section 23, T. 22S, R. 37E, N.M.P.M., and not within the exterior boundaries of the adjacent Paddock pool, Lea County, New Mexico.

CASE 274
In the matter of the amended application of Cities Service Oil Company to dually complete and produce its State "S" No. 3 and "S" No. 4 wells located in S/2 NW/4 section 15, T. 21S, R. 37E, N.M.P. M., in the Brunson-Hare pool, Lea County, New Mexico, in the McKee sand and Ellenburger lime, common sources of supply, or in the alternative to authorize the transfer of allowables between said wells in said common sources of supply.

CASE 275
In the matter of the amended application of Tide Water Associated Oil Company to dually complete and produce its State "S" No. 4 and State "S" No. 5 wells, located in the N/2 NW/4 section 15, T. 21S, R. 37E, N.W.P.M., Lea County, New Mexico, in the McKee sand and Ellenburger lime, common sources of supply, or in the alternative to authorize the transfer of allowables between said wells in said common sources of supply.

GIVEN under the seal of the Oil Conservation Commission of New Mexico, at Santa Fe, New Mexico, on this 23d day of April, 1951.

STATE OF NEW MEXICO OIL
CONSERVATION COMMISSION
R. R. SPURRER,
Secretary

(SEAL)
Pub. April 26, 1951.

State of New Mexico }
County of Santa Fe } ss.

I, Will Harrison, being first duly sworn, declare and say that I am the (~~Business Manager~~) (Editor) of the Santa Fe

New Mexican, a daily newspaper, published in the English Language, and having a general circulation in the City and County of Santa Fe, State of New Mexico, and being a newspaper duly qualified to publish legal notices and advertisements under the provisions of Chapter 167 of the Session Laws of 1937; that the publication, a copy which is hereto attached, was published in said paper ~~once each week~~

~~for one time~~ ~~consecutive weeks~~, and on the same day of each week in the regular issue of the paper during the time of publication, and that the notice was published in the newspaper proper, and not in any supplement, ~~once each week for~~ one time

~~weeks consecutively, the first~~ publication being on the 26th day of April, 1951, ~~and the last publica~~

~~tion on the~~ day of ~~XXXXXX~~, that payment for said advertisement has been (duly made), or (assessed as court costs); that the undersigned has personal knowledge of the matters and things set forth in this affidavit.

Will Harrison

Editor-Manager X

Subscribed and sworn to before me this 27th

day of April, A.D., 1951

Anna K. Demashe

Notary Public

My Commission expires

June 14, 1953

\$ 8.10
\$
\$
\$ 8.10

STATE OF NEW MEXICO
OFFICE OF STATE GEOLOGIST
SANTA FE, NEW MEXICO

April 24, 1951

276 - Independent of Valencia County, Los Lunas (Publish Thurs)
272, 273, 274, 275 - Hobbs News Sun
272 - Artesia Advocate
All - Santa Fe New Mexican

RE - Notice of Publication

Dear Sir:

Please publish the enclosed notice one time immediately on receipt of this request. Please proofread the notice carefully and send a copy of the paper carrying such notice to this office.

Upon completion of the publication, send publisher's affidavit in duplicate.

For payment, please submit statement in duplicate, and sign and return the enclosed voucher.

PLEASE PUBLISH NOT LATER THAN APRIL 10, 1951.

Very truly yours,

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

bpw

R. R. SPURRIER,
Secretary and Director

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O

P

Y

MAGNOLIA PETROLEUM COMPANY

A SOCONY-VACUUM COMPANY

P. O. Box 672
Roswell, New Mexico
April 12, 1951

May 22 Hearing
New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Re: Pool Nomenclature
McMillan-Seven Rivers Discovery
EDDY COUNTY, New Mexico

Gentlemen:

Magnolia Petroleum Company as one of the operators would like to submit for your consideration a new pool name, "McMillan-Seven Rivers," to cover the area shown on the attached maps. The new pool is producing from the discovery well, Martin Yates Jr. Estate #1 Featherstone-State, 2140' FSL; 1650' FWL, Section 32-19S-27E, Eddy County, New Mexico, as well as from the Magnolia #1 State "A", 2310' FSL; 990' FWL of the same section.

In accordance with our geological information, the oil is contained in a single reservoir of porous dolomite encountered at 183' in the Magnolia #1 State "A". The geologic interpretation of present information does not connect this pool with any known producing pool adjacent thereto.

The areal extent of the pool apparently will be dependent upon an erratic lateral development of dolomite porosity, and the dry hole on the Yates-Featherstone #2 may or may not condemn the NE $\frac{1}{4}$ of Section 32.

Formation Tops: The following sample tops have been picked according to the lithology of the well cuttings from the Magnolia #1 State "A".

Seven Rivers	Surface outcrop.
Pay	183' #3155
Queen Sand	705' #2633
TD	815' #2523
PBTD	450' #2888

Attached herewith is a sample description sheet as well as a land plat showing the location of the proposed McMillan-Seven Rivers Pool as follows:

W $\frac{1}{2}$ Section 32, Township 19 South, Range 27 East.

Very truly yours,

R. E. Murphy
R. E. Murphy
District Geologist

REM:cs

Enclosures

cc John T. Rouse R. T. German
W. E. McKellar M. M. Keeble
T. D. DeLoach

DRILLERS LOG

Magnolia #1 State "A"
2310' FSL; 990' FWL
Section 32-19S-27E
Eddy County, New Mexico.

Elev. 3338' Commenced 1-17-51 Completed 2-28-51
IP Pumped 1 B0 & 39 gals. wtr. on 2" @ 210', Gravity 39.
Casing Record: 8 5/8" @ 194' mud; 8 5/8" @ 185' w/330 sacks.

0 - 25	Anhydrite
25 - 65	Sand
65 - 100	Dolomite
100 - 115	Dolomite & Anhydrite
115 - 140	Sand
140 - 183	Dolomite & Anhydrite
183 - 465	Dolomite & Anhydrite, porosity & shows of oil at 193', 245', 290', 350'.
465 - 500	Dolomite
500 - 525	Dolomite & Anhydrite
525 - 565	Anhydrite & Sand
565 - 600	Dolomite & Anhydrite
600 - 705	Dolomite, anhydrite & sand
705 - 770	Sand
770 - 815 TD	Dolomite & Anhydrite

LARGE FORMAT
EXHIBIT HAS
BEEN REMOVED
AND IS LOCATED
IN THE NEXT FILE