

CONTINENTAL OIL COMPANY

Hobbs, New Mexico
June 3, 1953

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

Gentlemen:

In accordance with the provisions of Order No. R-242, dated January 15, 1953, regarding Continental Oil Company's application to dually complete the J. T. Lynn A-28 No. 5 located in the NE/4 NE/4 Section 28, Township 23 South, Range 36 East, NMPM, Lea County, New Mexico, the Continental Oil Company wishes to present the following:

1. On May 2, 1953, the J. T. Lynn A-28 No. 5 was deepened from 3276 to 3375 feet, a radioactivity survey was run, and 479 feet of 5 inch OD liner was set at total depth and cemented with 100 sacks. As cement failed to hold, a 7 inch retainer was set at 2847 feet and the liner recemented with 150 sacks. After drilling out the retainer and cement in the liner to 3374 feet, the casing and liner were tested successfully under 1,000 psi pressure for 30 minutes.
2. The 5 inch liner was perforated opposite the Seven Rivers formation in the intervals 3366 to 3374 feet and 3340 to 3356 feet. These perforations flowed 228 barrels oil, no water in 6 hours on a 1 inch choke with 461 MCF gas per day for a gas oil ratio of 550 cubic feet per barrel. The tubing pressure was 50 psi.
3. The 5 inch liner was then perforated opposite the Yates formation in the intervals 3054 to 3087 feet, 3100 to 3130 feet, 3146 to 3170 feet, 3176 to 3193 feet, and 3200 to 3226 feet. A 5 inch Baker Model "D" Production Packer was set at 3300 feet, tubing was run with side door choke and seating nipple with standing valve, and the Yates perforations were acidized with 500 gallons. The well was swabbed in and the Yates formation flowed at the rate of 4,580 MCF gas per day by pitot tube measurement.

4. The side door choke was blanked off and the standing valve pulled. A back pressure test was made of the Yates gas flowing thru the annulus between the tubing and casing which indicated an open flow potential of 5400 MCF gas per day with a shut-in pressure of 698.2 psia. A copy of this back pressure test on Form C-122 is attached.

5. The Seven Rivers was completed flowing thru the tubing for an initial potential of 228 barrels oil, no water flowing on a 12/64" choke with 461 MCF gas per day for a gas-oil ratio of 550 cubic feet per barrel. The tubing pressure was 50 psi.

6. A static pressure gradient was run after a 36 hour shut-in on May 27, 1953 and a plat of this survey is attached.

The above information and the attached exhibits of the radioactivity survey, back pressure test, static pressure gradient and diagrammatic sketch of the mechanical installation which was actually used to complete and produce the seal between the Yates and Seven Rivers formations are respectfully submitted.

Done at Hobbs, New Mexico, this 3rd day of June, 1953.

CONTINENTAL OIL COMPANY

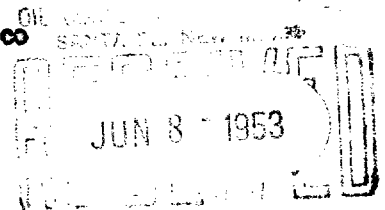
By: C. C. Wilson
C. C. WILSON
Dist. Supt., New Mexico District
West Texas-New Mexico Division
Production Department

WR-BJE
Hobbs, N.M.
6-3-53



CONTINENTAL OIL COMPANY

Hobbs, New Mexico
June 5, 1953



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

Gentlemen:

Please be referred to our letter of June 3, 1953 having reference to order number R-242 dated January 15, 1953 regarding Continental Oil Company's application to dually complete the J. T. Lynn A-28 No. 5 located in the NE/4 of NE/4 Section 28, Township 23 South, Range 36 East, NMPM, Lea County, New Mexico.

In paragraph number five on page two of this letter the initial potential after the dual completion is indicated as being 228 barrels oil per day. The correct daily potential is 912 barrels oil per day as the figure of 228 barrels represents production for six hours only. We will appreciate your entering this correction on your record.

Yours truly,

CONTINENTAL OIL COMPANY

By: C. C. Wilson
C. C. WILSON
Dist. Supt., New Mexico Dist.
West Texas-New Mexico Divn.
Production Department

CCW-BJE

CC: Reg.Prod.-2, Div.Prod.



CONTINENTAL OIL COMPANY *Case 447*

FAIR BUILDING
FORT WORTH 2, TEXAS

H. L. JOHNSTON
REGIONAL MANAGER OF PRODUCTION
SOUTHWESTERN REGION

October 31, 1952

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

Gentlemen:

Continental Oil Company, by means of the attached application, respectfully requests a hearing before the New Mexico Oil Conservation Commission and an order authorizing the dual completion of its Lynn A-28 well No. 5, located 660 feet South of North line and 660 feet West of the East line of Section 28, T. 23 S., R. 36 E., Lea County, New Mexico, in the Yates formation and the Seven Rivers formation.

Yours very truly,

A handwritten signature in cursive script, appearing to read "H. L. Johnston".

HLJ-LP
Enc

