

Submission pursuant to Oil and Gas Regulations is required.
Operating Regulations is required.
Approved for record purposes.

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office

Lease No. NM 07339

Unit

Budget Bureau No. 42-R356.4.
Approval expires 12-31-60.

FEB 13 1961
Date

District Engineer

RECEIVED
FEB 20 1961

SUNDRY NOTICES AND REPORTS ON WELLS

D. C. C.
ARTESIA, OFFICE

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....
NOTICE OF INTENTION TO ABANDON WELL.....	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

February 2, 1961

Federal Wiggs

Well No. 1-31 is located 1980 ft. from N line and 1980 ft. from E line of sec. 31

NE 1/4, Sec. 31

(1/4 Sec. and Sec. No.)

24-S

(Twp.)

27-E

(Range)

N.M.P.M.

(Meridian)

Wildcat

(Field)

Fddy County

(County or Subdivision)

New Mexico

(State or Territory)

The elevation of the derrick floor above sea level is 3460 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Resumed operations January 16, 1961. Acidized perforations 9940-78' with 500 gallons LST & NE acid. Swabbed 61.59 barrels of fluid, out 30-40% condensate and 50-70% water in 8 hours following acid treatment. Landed tubing at 9944.86', packer at 9700.86' and seating nipple at 9661.75'. Swabbed 20.35 barrels fluid in 5 hours, last 2 runs recovered salt water and barite. Sandfraced perforations 9940-78' with 10,000 gallons of slick water with 3750# sand. Flowed 33.36 bbls. water in 3 hours and then swabbed a total of 200.74 bbls. of water in 44-1/2 hours, with slight gas shows. Well shut-in on January 24, 1961, for further evaluation.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Union Oil Company of California

Address 619 West Texas Avenue

Midland, Texas

By R. W. Yarbrough
R. W. Yarbrough
Title Drilling Supt.

1977

1978

1979

1980

The following table shows the results of the survey conducted in 1977, 1978, 1979, and 1980. The data is presented in four columns, one for each year. The rows represent different categories of data, such as the number of respondents, the percentage of respondents, and the average score. The data shows a general trend of increasing numbers and percentages over the years, with the average score also showing a slight increase.

1977

1978

1979

1980