



IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

P. O. Box 1838
Hobbs, New Mexico

3 26
September 18, 1956

Magnolia Petroleum Company
P. O. Box 633
Midland, Texas

Re: Lease Las Cruces 060420

Gentlemen:

Receipt is acknowledged of "Notice of Intention to Drill" dated September 17, 1956, covering your well No. 3 Capps Federal on the subject landhold in the NW 1/4 sec. 24, T. 9 S., R. 35 E., N.M.P.M., Dough Pool, Lea County, New Mexico.

Your proposed work is approved subject to compliance with the provisions of the "Oil and Gas Operating Regulations" revised May 25, 1942, copy of which will be furnished you on request, and subject to the following conditions:

1. Drilling operations so authorized are subject to the attached sheet (revised February 1955) for general conditions of approval.

The approval granted herein is effective as of September 17, 1956, in accordance with our telephone conversation on that date with Mr. Tom Perfect of your Kermit office.

Very truly yours,

H. A. DeWitt
District Engineer

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(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYBudget Bureau No. 42-R358.4.
Approval expires 12-31-60.La. Office Las Cruces
Lease No. 060420
Unit Capps-Federal

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	<input checked="" type="checkbox"/>	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)

September 17, 19 56

Capps-Federal

Well No. 3 is located 660 ft. from N line and 1980 ft. from E line of sec. 24NE 1/4 NE 1/4 Section 24
(1/4 Sec. and Sec. No.)9-S
(Twp.)35-E
(Range)N.M.P.M.
(Meridian)Bough

(Field)

Lea

(County or Subdivision)

New Mexico

(State or Territory)

The elevation of the derrick floor above sea level is 4112 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)

We propose to drill the above well to a total depth of Approximately 9800' with Rotary Tools. We expect to test the following zones at the following Approximate depths:

SAND	EXPECTED TOP
San Andres	4805'
Wolfcamp	8905'
Bough "A"	9535

SAND	EXPECTED TOP
Bough "B"	9575'
Bough "C"	9615'

We expect to test any other zones that appear productive of oil or gas.

CASING PROGRAM: Approximately 450' of 10-3/4" casing with approximately 400 sx cement, Approximately 4250' of 7-5/8" casing with approximately 2000 sx cement, Approximately 5800' of 5-1/2" liner with approximately 600 sx cement.

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

Company Magnolia Petroleum CompanyAddress P. O. Box 633Midland, Texas

By

R. T. GERMAN,

Title

Division Superintendent