

Sec. 11

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(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Approval expires 12-31-55.  
Land Office L.C.  
Lease No. 067761  
Unit Childers-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)

Midland, Texas February 25, 1954

Childers-Federal  
Well No. 1 is located 660 ft. from N line and 1980 ft. from E line of sec. 11  
W/4, NE/4, Sec. 11  
(1/4 Sec. and Sec. No.) T-9-S R-36-E N.M.P.M.  
(Twp.) (Range) (Meridian)  
Unnamed (Field) Lea (County or Subdivision) New Mexico (State or Territory)  
(Lat)

The elevation of the derrick floor above sea level is 1057 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 9800' with rotary tools.  
We expect to encounter the following zones at the following approximate depths:

| Zone       | Expected Top | Zone      | Expected Top |
|------------|--------------|-----------|--------------|
| Anhydrite  | 2190'        | Abs       | 7710'        |
| Yates      | 2810'        | Lower Abs | 8965'        |
| San Andres | 4080'        | Perm Perm | 8970'        |
| Glorietta  | 5530'        | Bough "C" | 9660'        |

We expect to test any zones that appear productive of oil or gas. We intend to test all water shut offs.

CASING PROGRAM: Cement approximately 450' of 10-3/4" Surface Casing w/450 sack, cement approximately 4800' of 7-5/8" Intermediate casing w/2300 sack & cement approximately 5200' of 5 1/2" liner w/700 sack.

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

Company Magnolia Petroleum Company

Address P.O. Box 633  
Midland, Texas

By R. T. German  
R.T. German  
Title Division Superintendent

RECEIVED

MAR 1 - 1954

U. S. GEOLOGICAL SURVEY  
HOBBS, NEW MEXICO

# Magnolia Petroleum Company

PRODUCING DEPARTMENT

Feb. 23 rd.

Location Made

Childers - Federal

Well No. 1

Brownfield

District

Lease NM-1867 Acres 160, Sec 91, T 9 S, R 36 E

Lea

County,

New Mexico

Scale 1" = 500'

Phillips

Phillips

Western Gas Co.

Set Stone  
mkd. "1/4" on S face

Call 589°59' W 820.9 ft  
2600.2'

Warren

Set Stone  
for NE corner  
Sec 11 mkd.  
on S face of line

Western Gas Co.

LOG #1  
Elev. 4045 Mag. Pet. Co.  
N.M.-1867  
160 Ac.

Call N 0° 01' W

Call N 0° 01' W

Childers - Federal

Sun O. Co.

Reserve

Special Instructions

Permit Depth 3800'

I, W. D. Gill, am a registered Professional Engineer and Land Surveyor in the state of New Mexico and that work represented by this plat was made under my direction and is correct to the best of my knowledge and belief.

Signed:

W. D. Gill

New Mexico Professional Engineer and Land Surveyor