

RECEIVED

Southwestern Natural Gas, Inc.  
Kerr McGee Federal #1  
Drilling Prognosis

OCT 25 1966

O. C. C.  
ARTESIA, OFFICE

3. Record 1' drilling time from surface to total depth.
4. Two sets of 10' samples will be taken from 4200' to total depth.

Logging

1. Gamma Ray Sonic and possible Induction -Laterolog through sections selected by geologist.

Drill Stem Tests

1. One drill stem test to test Strawn zone.

Formation Tops(±)

Top Anhydrite	700'	Bone Springs	6950'
Top Salt	800'	Wolfcamp Lime	10400'
Base Salt	2200'	Cisco Shale	10650'
Top Yates	2350'	Strawn Lime	11140'
Top Seven Rivers	2600'	Total Depth	11500'
Delaware	4500'		

Notification

L. N. Dunnavant	RES. - Odessa EM 2-1541	OFF. - Midland MU 2-7161
J. M. Reaves	RES. - Midland MU 4-6611	OFF. - Midland MU 2-7161

M. S. Ricker  
M. S. Ricker, Office Manager



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Drawer 1857  
Roswell, New Mexico 88201

IN REPLY REFER TO:

*Copy to J.F.*

October 24, 1966

RECEIVED

Southwestern Natural Gas, Inc.  
412 First State Bank Building  
Midland, Texas 79701

OCT 25 1966

G. C. F.  
ACTING SUPERVISOR

Gentlemen:

Your Notice of Intention to Drill well No. 1 Kerr McGee Federal in the ~~NE 1/4~~ sec. 33, T. 19 S., R. 31 E., E.M.P.M., Eddy County, New Mexico, lease New Mexico 0449684-A, to a depth of 11,500 feet to test the Eocene formation in the Potash Area, is hereby approved.

One copy of the Notice is returned herewith. Please notify the District Engineer, Geological Survey, P. O. Drawer U, Artesia, New Mexico in sufficient time for a representative to witness all cementing operations.

Sincerely yours,

(Orig. Sgd.) CARL C. YRAVICK

CARL C. YRAVICK  
Acting Oil and Gas Supervisor

Attachment

cc:  
Washington  
Mining Branch (2)  
NMOC-~~Artesia~~ (2) (w/2 cys Notice) ✓  
Artesia  
Roswell (2)

JAK:mf:ih 10/21/66

