



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYLand Office New Mexico  
Lease No. LC-064198C  
Unit Federal

JUN 4 AM 8 23

## 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)

RECEIVED  
MAY 29 1962  
E.E.E.  
ARTESIA, OFFICE

Middleton-Federal 'A'

May 22, 1962

Well No. 1 is located 1980 ft. from N line and 990 ft. from E line of sec. 18  
3E/4 NE/4, Sec. 18 19S 32E N4PM  
( $\frac{1}{4}$  Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Lusk Lea County New Mexico  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 3620 ft. estimated

## 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 Shell Middleton-Federal 'A' Well No. 1 as an 11,500-foot Pennsylvanian test w/Rotary tools as follows:

- Drill 17 1/2" hole to 900' and cement 48#, 13 3/8" casing w/900 sx. Circulate cement.  
Drill 12 1/4" hole to 4800' and cement 40#, 9 5/8" casing w/1700 sx. Circulate cement.  
Drill 8 3/4" hole to 11,500' and cement 23#, 26#, & 20#, 7" casing w/500 sx.

RECEIVED

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

Company Shell Oil CompanyAddress Box 1858Roswell, New MexicoOriginal Signed By  
By R. A. Lowery R. A. LOWERYTitle District Exploitation Engineer