

APPROVED 1963 JUL 23
(SUBMIT IN TRIPLICATE)Budget Bureau No. 42-R358.4.
Form Approved.Land Office LAS CRUCESLease No. 065607Unit 3

JUL 17 1963

UNITED STATES

J. L. GORDON DEPARTMENT OF THE INTERIOR
DISTRICT ENGINEER GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

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.....	X		

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

May 15, 19 63

Pure Federal "C"

Well No. #1 is located 660 ft. from [N] line and 1942 ft. from [E] line of sec. 4NW NE Sec. 4
($\frac{1}{4}$ Sec. and Sec. No.)203
(Twp.)34E
(Range)N1411M
(Meridian)Wildcat
(Field)Lee
(County or Subdivision)New Mexico
(State or Territory)The elevation of the derrick floor above sea level is 3646 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)

On May 11, 1963, we reached a depth of 13,008' after drilling out all cement plugs and cleaning out junk. A Baker bridge plug was set at 12,988' in 7" casing. The 7" casing was then perforated from 12,892'-920' with 2 $\frac{1}{2}$ " shots per foot. On May 13, ran drill stem test from 12,789'-988'. The well flowed at the rate of 620,000 cu.ft. gas per day plus 96 barrels of salt water per hour on a 6 hour test. Pressures were as follows:

Hydrostatic - - 8380 psi.
60 min. ISIP - 693860 min. FSIP - 6875
IPF - - - - 6213

FFP - 6153.

We request approval to plug well as follows (verbal approval was given by Mr. Standley on May 13). Set squeeze packer at about 12,500'. Squeeze below with 150 sacks of sic-set cement. Place cement plugs at 4083-3983 (30 sacks) and 20' to surface (10 sacks). Install 4" marker at surface. Heavy mud between plugs.

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

Company William A. & Edward R. HudsonAddress 302 Carper BuildingArtesia, New MexicoBy Ralph L. Gray
Title Consulting Engineer.