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Land Office \_\_\_\_\_

Lease No. LC-060881 A

Unit Federal "A"

X			

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	X
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)

December 11, 19 61

Well No. 8 is located 1650 ft. from N line and 990 ft. from E line of sec. 4  
NW/4 SW/4 Sec. 4 20 S 35 E NMPM  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Pearl-Queen Lea New Mexico  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 3686 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)

Spud November 18, 1961.  
 Drilled 12 1/4" hole to 230' in red beds. Ran 8 5/8" 24# new casing and cemented at 207' with 100 sacks (50 sacks regular with 2% HA5 & 6% Gal; 50 sacks regular with 2% HA5). Cement circulated.  
 WOC 16 hours & pressure tested casing with 1000 psi for 30 minutes with no loss in pressure.  
 Drilled 7 7/8" hole 230 - 4865'; cored 7 3/4" hole 4865 - 5019' & drilled 7 3/4" hole 5019 - 5042'. Ran 5 1/2" 15.5#, J-55 new Youngstown API casing with Howco P.S. on bottom, insert float valve at 5012 & 6 centralizers spaced from 5028 to 3645. Cemented 5 1/2" casing at 5042 with 205 sacks (155 sacks 1:1 regular-Diamix with 8% Gal & 50 sacks 1:1 Incor-Diamix). Good circulation. Plug down 12:20 A.M. 12-1-61. Bumped plug with 1800 psi; floats held O.K.

(Over)

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

Company James G. Brown & Assoc.

Address Box 1625

Midland, Texas

By James G. Brown  
 Title Production Superintendent

Pressured up to 2700 psi & pipe jumped 6" & pressure dropped to 1300 psi; pressured up to 2000 psi, held O.K. for 5 minutes & then pressure dropped to 1200 psi. Shut in with 200 psi on casing. WOC 11 hours and ran temperature survey to 5009. Top cement indicated at 3206. WOC 64 hours & pressured up on casing with water. Pressured to 3500 psi momentarily & broke down to 2600 psi; pumped 14 bbls water at 2 EPM at 2700-2300 psi; static pressure 1400 psi; no flow-back. Leak in casing.