Form 9-331a
(May 1939)

(SUBMIT IN TRIPLICATE)

U. S. Land Office Las Cruces

Lease or permit No. 060422

S. A. Bowman

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	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	X
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 REDRILLING 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)

November 6, 1942

Well No. 2 is located 660 ft. from {N/S} line and 1980 ft. from {E/W} line of sec. 28

NW/4 Sec. 28 (¼ Sec. and Sec. No.) 19-S (Twp.) 32-E (Range) NMPM (Meridian)

East Lusk (Field) Lea (County or Subdivision) New Mexico. (State or Territory)

The elevation of the derrick floor above sea level is 3579 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)

Set packer at 2764' with perforation 2765-71' and acidized below packer with 1500 gal. of acid by Halliburton. Extra pump holding pressure on casing to protect packer. Maximum pressure of 1800# TP and 1500# CP when acid hit formation. Maintained 500# differential pressure between tubing and casing while pumping acid in formation. Pressures at the end of treatment, TP 800# and CP 500#. Swabbed well thru tubing to recover spent acid and then ran rods to take pumping test after acidizing. Well pumped 100 bbls. of oil and 100 bbls. of water on 24-hr. pumping test, 34" stroke and 18 SPM. Well acidized 11/2/42. Pumping test 11/3/42 to 11/4/42.

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

Company Culbertson & Irwin, Inc.

Address P. O. Box 1071

Midland, Texas.

By [signature]

Title Prod. Supt.

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November 6, 1942

Well No. 2 is located 660 ft. from {N/S} line and 1980 ft. from {E/W} line of sec. 28

NW/4 Sec. 28 (¼ Sec. and Sec. No.) 16-S (Twp.) 32-E (Range) NMPM (Meridian)

East Lusk (Field) Lea (County or Subdivision) New Mexico. (State or Territory)

The elevation of the derrick floor above sea level is 3579 ft.

DETAILS OF WORK

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Pumping test on natural production 6.5 BFPH 50% water. Intend to acidize pay section 2765-71' with 15pp gal. of acid below packer set at 2764' with perforation from 2765-71'. Pressure will be maintained in annular space above packer during treatment. Work to be done by Halliburton. Permission to do above work granted by John A. Frost as per telephone conversation 11/2/42.

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

Company Culbertson & Irwin, Inc.

Address P. O. Box 1071

Midland, Texas.

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5 1/2" OD Seamless casing set and cemented by Halliburton 10/28/42 with 50 Sx. of cement preceded by 100 Sx. of heavy mud. Bailed hole dry before drilling plug. Drilled plug 10/29/42 and swabed hole down and found cement to be holding satisfactory. Ran electric and temperature survey 10/30/42. Ran tubing with packer to test natural production of well before acidizing.

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