

(SUBMIT IN TRIPLICATE)

U. S. Land Office **Las Cruces**

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Lease or permit No. **060422**
S. A. Bowman

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, 19 **42**

Well No. **2** is located **640** ft. from **[N]** line and **1980** ft. from **[E]** line of sec. **28**
NW/4 Sec. 28 **19-S** **32-E** **NMPM**
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
East Lusk **Lea** **New Mexico.**
(Field) (County or Subdivision) (State or Territory)

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

DETAILS OF WORK

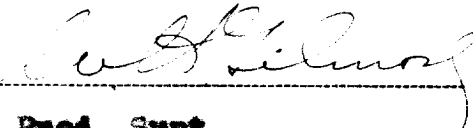
(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

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 1200# TP and 1500# OP when acid hit formation. Maintained 500# differential pressure between tubing and casing while pumping acid in formation. Pressures at the end of treatment, TP 200# and OP 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 **Halliburton & Irwin, Inc.**

Address **P. O. Box 1071**
Midland, Texas.

By 
Title **Prod. Supt.**

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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Lease or permit No. **000422**
S. A. Bowman

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 REDRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	<input checked="" type="checkbox"/>	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 8, 19 **42**

Well No. **2** is located **650** ft. from **[N]** line and **1900** ft. from **[E]** line of sec. **28**
NW/4 Sec. 28 **15-3** **22-E** **MPM**
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
East Lusk **Lee** **New Mexico.**
(Field) (County or Subdivision) (State or Territory)

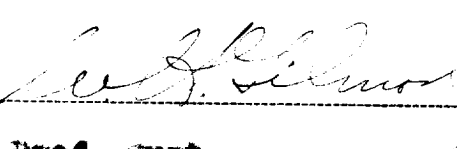
The elevation of the derrick floor above sea level is **3579** ft.

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)

Pumping test on natural production 6.5 BPPH 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 **Halliburton & Irwin, Inc.**
Address **P. O. Box 1071**
Midland, Texas.
By 
Title **Prod. Supt.**

(SUBMIT IN TRIPLICATE)

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S. A. Bowman

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

November 6, 19 **43**

Well No. **2** is located **660** ft. from **[N]** line and **1000** ft. from **[E]** line of sec. **28**
NW/4 Sec. 28 **19-E** **32-E** **N24W**
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
East Lusk **Lea** **New Mexico.**
(Field) (County or Subdivision) (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)

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 swabbed 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.

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

Company **Gilbertson & Irwin, Inc.**

Address **P. O. Box 1071**
Midland, Texas

By *[Signature]*

Title **Prod. Supt.**