



IN REPLY REFER TO:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
P. O. Box 907  
Roswell, N. Mex.

October 1, 1952

A. G. Hill,  
Gardner Petroleum Co.,  
E. M. Lavino, and  
E. J. Lavino, II,  
107 Garrison Building,  
Abilene, Texas

Re: New Mexico 05881-A.

Gentlemen:

Receipt is acknowledged of your "Notice of Intention to Drill", dated September 22, 1952, covering your well No. 1-A Hill et al located on the subject leasehold in the NW $\frac{1}{4}$ SE $\frac{1}{4}$  sec. 27, T. 9 N., R. 19 E., N.M.P.M., Guadalupe County, New Mexico.

Your proposed work is hereby approved subject to compliance with the provisions of the "Oil and Gas Operating Regulations", copy of which will be sent to you on request, and subject to the following conditions:

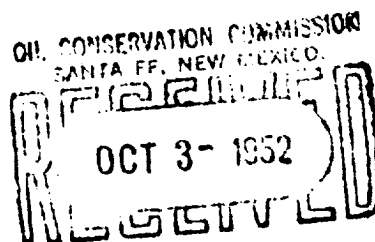
1. Drilling operations so authorized are subject to the attached sheet for general conditions of approval.
2. On the various sundry notices and reports to be submitted on form 9-331a, please show dates on which the work was performed and the spud date on the first report submitted.

Very truly yours,

*H. A. Dupont*

H. A. DUPONT  
District Engineer

COPY TO O. C. C. ✓



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office \_\_\_\_\_  
Lease No. **NM 05881-A**

Unit \_\_\_\_\_  
**RECEIVED**

SEP 24 1952

U. S. GEOLOGICAL SURVEY  
ROSWEIL, NEW MEXICO

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 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)

September 22, 1952, 19\_\_

Well No. **1-A** is located **1913'** ft. from **NE** line and **1980** ft. from **E** line of sec. **27**  
**NE 1/4 Sect. 27** **9N** **19E** **NM PM**  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
**Wildcat** **Guadalupe County** **New Mexico**  
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~derrick floor~~ <sup>ground level</sup> above sea level is **5551** 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)

Location: **1918'** from SL instead of **1980'** in order to keep location **200'** from **AT&T** long distance telephone line as shown on plat.

Projected depth: **6500'**.

Surface casing: **13 3/8"**—**565'**—to **150'** cemented to top.

All shows of oil or gas will be cored or drill stem tested.

If commercial production is indicated, **5 1/2"**—**15.5'** casing will be set and cemented on potential producing horizon.

Rotary tools with adequate blow out preventor equipment to be used.

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

Company **A. G. HILL, GARDNER FLEMING CO & L. M. LAVINO & E. J. LAVINO, 11**  
**107 GARLAND BUILDING**  
**ABILENE, TEXAS**

By **J. A. Guier**

Title **SUPERINTENDENT**

## REGULATIONS FOR DRILLING AND PRODUCTION

Attention is called to the following general and special requirements, most likely to be overlooked by operators on Federal Oil and Gas Leases. Suspension of field operations may be required by the District Engineer for failure to comply with the Operating Regulations, the conditions of drilling approval, and these requirements.

### GENERAL

1. All drilling and producing wells shall be permanently marked in a conspicuous place with the name of operators, lease name, serial number of lease, well number, and location. Necessary precautions must be taken to preserve such signs.

2. Any desired change of drilling plan or condition of approval must have written approval of the District Engineer BEFORE the change is made.

3. Unless otherwise specified in the approval to drill, the production string of casing must be set at the top of the pay zone, the completion shall be made with a reasonable gas-oil ratio.

4. Before work is started, written approval must be obtained, unless other acceptable arrangements are made in advance with the District Engineer, and after work is completed results must be reported to the U. S. Geological Survey by submitting complete information in triplicate on form 9-331a, covering:

- a. Mudding or cementing, including proposed date and method of testing water, shut-off.
- b. Drill-stem tests or perforating.
- c. Casing alterations, packer settings, or repairs of any kind.
- d. Shooting, acid treatment, deepening or plugging back.
- e. Gas-lift installations.
- f. Drilling of water wells.

5. Monthly report of operations in duplicate, on form 9-329, must be submitted promptly each month beginning with spudding of the first well on a lease and continuing until approval abandonment of all drilling and producing operations.

6. Log, in quadruplicate, on form 9-330, must be submitted within 10 days of reaching temporary or permanent drilling depth. Duplicate copies of all electrical logs, sample cutting logs, drilling-time logs, and any other well information not given on the standard form also should be filed.

7. Separate applications to drill any water well on Federal land is required, and special procedure is necessary for abandonment of any well having a desirable water supply.

8. All wells and lease premises shall be maintained in first class condition with due regard to safety, conservation, appearance, and refuse disposal.

9. The notice of intention to drill any well is rescinded without further notice if drilling is not started within 90 days of approval.

10. Cement must be allowed to set a minimum of 72 hours on all strings of casing prior to drilling the plug, except for modification provided by the Supervisor's order dated March 18, 1947, copy of which will be furnished on request.

SPECIAL (None, if so indicated.)