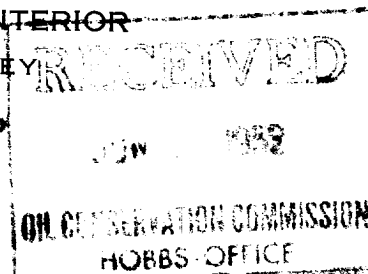




UNITED STATES
DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY
P. O. Box 1838
Hobbs, New Mexico

IN REPLY REFER TO:
Las Cruces 069469-A



General American Oil Company of Texas
Box 416
Leco Hills, New Mexico

December 27, 1951

Gentlemen:

Receipt is acknowledged of "Notice of Intention to Drill" dated December 14, 1951 covering your well No. 1 Harper located on the subject land in C SE $\frac{1}{4}$ SE $\frac{1}{4}$, section 26, T. 25S, R. 39E, wildcat area, Lea County, New Mexico.

Your proposed work is approved subject to compliance with the provisions of the Oil and Gas Operating Regulations revised May 25, 1942, a copy of which will be furnished you on request, and subject to the following conditions:

1. Drilling operations so authorized are subject to attached sheet for general conditions of approval.
2. The 13 3/8" casing should be cemented with sufficient cement to reach the surface.
3. Cement behind the 9 5/8" casing should extend about 200 feet above the top of the Salado salt section, as determined by a temperature survey to be made within 12 hours after completion of the cement job.
4. Copies of sample log, electrical log, temperature and other surveys made are requested.

Very truly yours,

M. H. SOYSTER
District Engineer

M. H. Soyster

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

WATER RESOURCES DIVISION
HOUSTON OFFICE



WATER RESOURCES DIVISION

HOUSTON OFFICE

HOUSTON, TEXAS

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LEASE AND OPERATING CONTAINERS

Attention is called to the following general and specific regulations which apply to the operation of Federal Oil and Gas Leases. The provisions of these regulations may be required by the District Engineer for future compliance with law or future Regulations. The conditions of all these Federal Leases shall remain as follows:

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 setting, 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 approved abandonment of all drilling and producing operations.

6. Log, in duplicate, on form 9-330, must be submitted within 10 days of reaching temporary or permanent drilling depth. Copies of all electrical logs, sample cutting logs, drilling-time logs, and any other well information not given on the standard form should be attached to same.

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 & all strings of casing prior to drilling the plug, except for modification provided by the Supervisor's order dated March 10, 1947, copy of which will be furnished on request.

SPECIAL (None, if so indicated.)