

Form 9-331a
(Feb. 1951)

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Las Cruces
Lease No. 028992(e)
Unit Arnold E

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)

Loco Hills, New Mexico September 28, 19 51

Well No. 3-5 is located 990 ft. from S line and 2310 ft. from E line of sec. 23

Nw. 34 SE Sec. 23 17-S 30-E N. M. P. M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Fren Eddy New Mexico
(Field) (County or Subdivision) (State or Territory)

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

WE PROPOSE TO DRILL THIS WELL AS FOLLOWS:

OBJECTIVE: Fren (Seven Rivers) Pay.

TOTAL DEPTH: Approximately 2050'.

CASING PROGRAM: Salt String - We propose to run approximately 510' of 8 5/8" OD casing to top of salt and cement with 50 sacks of cement preceded by heavy mud to surface.

Production String - We propose to run approximately 1930' of 7" OD casing and mud heavily to surface. We then propose to drill Fren Pay, run Formation Packer on 3" EUS tubing and acidize. If production in commercial quantities is obtained 7" casing will be cemented with 100 sacks cement.

(Continued on Sheet -2-)

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

Company General American Oil Company of Texas

Address Box 116, Loco Hills, New Mexico

By R. J. Heard
R. J. Heard
Title Field Superintendent

ACIDIZING PROGRAM: At total depth of approximately 2050' we propose to acidise the Fren Pay with 1000 gallons of 20% HCl and with sufficient acid thereafter to obtain maximum results.

DRILLING OPERATIONS TO COMMENCE: On or about October 4, 1951 with a Company owned No. 3 National Machine

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PLEASE READ BEFORE STARTING OPERATIONS

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 setting, or repairs of any kind.
- d. Shooting, acid treatment, despensing 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 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).