

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Las Cruces

Lease No. LC-000704-72(b), 170

Unit Block 2

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 WATER SHUT-OFF 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 RE-DRILLING 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.....	<u>Subsequent Report of Sandell</u>

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

Leve Hills, N. M. April 17, 1954

Well No. 5 - B is located 1900 ft. from 1/4 line and 1900 ft. from 1/4 line of sec. 23

NE 1/4 NW 1/4 Sec. 23 17-S 29-E R.M.P.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Grayburg-Keeley Adair New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 3599 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)

NEW TOTAL DEPTH: 3925' PAY LOG: 3890-3917

RECORD OF ACIDIZING (1954):

- 4- 3 Washed with 24 gals. HCl. Hailed 7 gals. per hour (rate of 4 BOPD).
- 4- 5 Treated with 916 gals. 20% HCl from 3847-3925. Max. inj. Press. 2400 psig; at end of flush 1500 psig. 5 min. SIP 1400 psig. Flashed with 67 gal. Total inj. time 11 min. After acid ended. 20 BOPD in 1 1/2 hrs (rate of 34.30 BOPD).

RECORD OF FRACTURING:

- 4- 5 Fractured as follows: Loaded & broke down w/129 gal. 210 lbs. 24 deg. API refined oil & 250 lbs. crude containing 2,000# 10-60 and 24,100# 20-40 Ottawa Sand. Flashed w/44 lbs. crude. Total inj. time 12 min. Avg. inj. rate 14.5 BPM. Load oil to recover 600 gal. HCl; After pumping 19,740 gals. oil & 25,400# sand in at approx. rate of 29 BPM, discovered leak in

I understand that this plan of work must receive approval in writing Substantiated page 2 before operations may be commenced.

Company GENERAL AMERICAN OIL CO. OF TEXAS

Address P. O. BOX 416

LEVE HILLS, NEW MEXICO

By

R. J. Beard

Title

Field Supt.

April 17th, 1956

RECORD OF FRACTURING (Cont'd):

frac head. Cut off sand, slowed injection rate & flushed w/3/4 bbls. crude. Slow injection rate resulted in screen out.

RESULTS OF TREATMENT:

- 4- 6 Ran tubing to 2990', hit bridge & plugged tubing. Flowed 11 BO thru casing while running tubing.
- 4- 7 Pumped down tubing to unplug @ 1,000 psig. Swabbed 19 BO.
- 4- 8 Swabbed 16 BO.
- 4- 9 Ran tubing to T.D. 3325 & reversed out all sand. Pulled tubing back to 3172 & well started flowing.
- 4-10 Flowed 225 BO in 1 1/4 hrs. thru 3/4" tubing choke.
- 4-11 Flowed 140 BO in 2 1/4 hrs. thru 3/4" tubing choke. NET 28 BO.
- 4-12 Flowed 207 BO in 2 1/2 hr. 45 min. thru 3/4" tubing choke.

SUBSEQUENT TESTS:

- 4-17 Flowed 75 BO in 2 - 2 hr. flows.