COPY for O. C. C.

Form 9-331a
(Feb. 1951)

Budget Bureau 42-R358.2.
Approval expires 12-31-52.

Land Office Las Cruces
Lease No. 060529
Unit Beeson "P"

APPROVED MAY 23 1952
DISTRICT ENGINEER

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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	X
NOTICE OF INTENTION TO ABANDON WELL			

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

Loco Hills, New Mexico, May 21, 1952

Well No. 11 is located 1650 ft. from {N/S} line and 330 ft. from {E/W} line of sec. 31

NW¼ SE¼ NE¼ Sec. 31 (¼ Sec. and Sec. No.) 17-S (Twp.) 30-E (Range) NMPM (Meridian)

Loco Hills (Premier Sand) (Field) Eddy (County or Subdivision) New Mexico (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)

TOTAL DEPTH: 3100'.

PAY ZONE: 3074-85' (= estimated 6' of net effective pay).

PRODUCTION NATURAL: At TD 3100' well bailed 48.4 BO in 6 hours = rate of 4.61 BOPD.

STRATOPRAC RECORD: Zone from 3061'-3100' was isolated with Sweet Formation Packer. 38 barrels of oil were then pumped into this zone at an injection rate of 3 barrels per minute at an injection pressure of 1400#. 3" tubing was then swabbed down and 4 barrels of oil over tubing capacity was recovered. Did not attempt to swab well down at this time but well did show a definite increase in gas. Tubing was

(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 416, Loco Hills, New Mexico

By R. J. Heard
R. J. Heard,
Title Field Supt.

STRATOFRAC RECORD (Continued):
reloaded with oil and well was Stratofraced from 3061'-3100' with 1500 gallons of Dowell Acid Gel (containing .5#/gal. of Ottawa Sand) preceded with 26 barrels of oil and followed with 12 barrels of oil. Maximum injection pressure = 1700# (while pumping gel). Pressure at end of flush = 1450# (NOTE: Difference in pressures due to greater friction offered by gel - no definite pressure break noted). RESULTS OF THIS TREATMENT: After recovering all load oil and gel, well swabbed 94.38 BO in 25 hours (made 24.70 BO last 8 hours this test = rate of 74.10 BOPD) thru 3" tubing.

INITIAL PRODUCTION: Swabbed at rate of 74.10 BOPD thru 3" tubing (based on last 8 hours of a 25 hour test).

COMPLETION DATE: May 7, 1952.

FINAL TUBING INSTALLATION: On May 7, 1952, we ran 3067.09' (98 joints + packer + gas anchor) of 2" EUE 4.7# 8rd thrd J-55 new National seamless tubing with old style 2" EUE x 7" OD American Flow Packer at 2865.63'.

SUBSEQUENT FLOW TESTS:

5-9-52 Well shut in 16:25 then flowed 44.16 BO in 24 hours stopcocking one 1-1/2 hour flow and three 1 hour flows thru 3/4" choke. Flowing tubing pressure = 20#-50#, 5 hour shut in tubing pressure = 495#, 16:25 shut in tubing pressure = 520#. GOR = 1090/1.

5-10-52 Flowed 27.60 BO in 24 hours stopcocking four 1 hour flows thru 3/4" choke.

5-11-52 Flowed 33.12 BO in 24 hours stopcocking six 1 hour flows thru 3/4" choke. Flowing tubing pressure = 20#-50#, three hour shut in tubing pressure = 450#.

5-12-52 Flowed 31.05 BO in 24 hours on same method of flow.

5-13-52 Flowed 30.36 BO in 24 hours stopcocking seven 1 hour flows thru 3/4" choke.

5-14-52 Flowed 34.64 BO in 24 hours stopcocking eight 1 hour flows thru 3/4" choke. 2 hour shut in tubing pressure = 290#-320#. GOR = 1713/1.

5-15-52 Flowed 31.20 BO in 24 hours on same method of flow. 2 hour shut in tubing pressure = 280#.

5-16-52 Flowed 27.04 BO in 24 hours on same method of flow.

5-17-52 Flowed 25.19 BO in 24 hours on same method of flow. 2 hour shut in tubing pressure = 260#.

5-18-52 Flowed 20.01 BO in 24 hours on same method of flow.

5-19-52 Flowed 22.77 BO in 24 hours stopcocking six 1 hour flows thru 3/4" choke.

5-21-52 Flowed 24.35 BO in 24 hours stopcocking four 1 hour flows thru 3/4" choke.

5-22-52 Flowed 21.60 BO in 24 hours on same method of flow.