

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYLand Office Las CrucesLease No. 058580Unit F

RECEIVED

JUL 5 1963

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
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 Clean Out and Fracture Treatment</u>

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

June 21, 1963

Miller

Well No. 2 is located 1980 ft. from N line and 1980 ft. from W line of sec. 5SE $\frac{1}{4}$ of NW $\frac{1}{4}$ of Sec 5 18 S 29E N M P M
($\frac{1}{4}$ Sec. and Sec. No.) (Twp.) (Range) (Meridian)Loco Hills
(Field)Eddy
(County or Subdivision)New Mexico
(State or Territory)The elevation of the derrick floor above sea level is 3557 ft.

DETAILS OF WORK Performed: 5-17 to 6-10-63

(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)

Moved in Cable Tools (5-17-63). Pulled rods and tubing. Cleaned off cavings and junk tubing from 2495 to 2644. Not able to clean out to original T.D. of 2727 due to junk in hole. Ran G-R Newton Caliper log to 2644. Fractured open hole section down 2 $\frac{1}{2}$ " tubing using slick water and Lynes straddle packers as follows: 1st Stage treat from 2596 to 2644 w/8,000# sand; Avg Press. 3800#; Avg Rate 16 Hbls/Min; 2nd Stage treat from 2514 to 2596 w/13,000# sand; Avg Press. 3100#; Avg Rate 17 Hbls/Min; 3rd Stage treat from 2408 to 2490 w/13,500# sand; Avg Press. 2750#; Avg Rate 18 Hbls/Min. Washed out Frac sand to 2644. Ran 2" tubing to 2552 and put on pump (6-10-63).

(OVER)

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

Company HARLAN PRODUCTION COMPANYAddress P. O. Box 355Monahans, TexasBy J. E. EmanuelTitle Petroleum Engineer

ORIGINAL WELL DATA

D. F. Flow. 3557', I.D. 2727', Producing Interval (Open hole)
 2390'-2727', Comp. Date (3-7-40), 2" Tubing set at 2552' (6-10-63);
 7" Oil Setting at 2390', Producing Formations - Loco Hills & Netaji

RESULTS OF WORKOVER

Date of Test
 HOPD
 MOPD
 BOPD

Before
 5-15-63
 1
 TSKM
 None

After
 6-22-63
 37
 TSKM
 None