

(SUBMIT IN TRIPLICATE)

Land Office Las Cruces
Lease No. 058580
Unit RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
FEB 21 1964
D. C. F.
ARTESIA, DIST. ENG.

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 Deepening</u> | <u>X</u> |

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

Miller Federal February 14, 1964

Well No. 1 is located 1900 ft. from (N) line and 1900 ft. from (E) line of sec. 5

SW/4 of NE/4 of Sec. 5 18-S 29-E 10PM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Loco Hills Eddy New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 3562 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)

Moved in Cable Tools (1-3-64). Cleaned out to original T.D. at 2615. Deepened through the Premier to 2776. possible oil show 2670-70; Gas & Oil show 2702-10; Gas & Oil show 2726-36. Ran 2 3/8" OD EUE Tubing to 2713 and put on pump (2-6-64). Did not run log or Fracture.

ORIGINAL WELL DATA

D.F. Elev. 3562; T.D. 2615; producing interval (Open hole) 2370-2615; comp. date 11-10-39; 7" casing at 2370; Producing formations Loco Hills & Metex.

RESULTS OF WORKOVER

| | BEFORE | AFTER |
|--------------|----------|---------|
| Date of Test | 12-15-63 | 2-13-64 |
| HOPD | 10 | 10 |
| HCFPD | TSTM | TSTM |
| HPPD | None | None |

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

Company Harlan Production Company

Address P.O. Box 355
Monahans, Texas

By [Signature]
Title Petroleum Engineer