| Form 9-331 a (Feb. 1951) |
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(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

| Land Office | Sente Fe |
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| Lease No | 080034 |
| Unit | A |

| L | GEOLOGICAL SURVEY | | |
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| GEOLOGIC | CAL SURVEY | | |
| | | | |
| Sec. 19 SUNDRY NOTICES AN | | | |
| 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 ON METALLING ON METALLIN | | |
| NOTICE OF INTENTION TO SHOOT OR ACIDIZE | SUPPLEMENTARY WELL HISTORY | | |
| NOTICE OF INTENTION TO PULL OR ALTER CASING | SUFFLEMENTALL | | |
| NOTICE OF INTENTION TO ABANDON WELL | | | |
| (INDICATE ABOVE BY CHECK MARK NA | ATURE OF REPORT, NOTICE, OR OTHER DATA) | | |
| | January 1, 19.58 | | |
| | $\begin{bmatrix} N \\ S \end{bmatrix}$ line and .660 ft. from $\begin{bmatrix} E \\ W \end{bmatrix}$ line of sec. 19 | | |
| Well No. 3-19 #1 is located000_1t. Holling | 18+ min | | |
| ME 1, NE 1 Sec. 19 21:-N (% Sec. and Sec. No.) (Twp.) (F | 7-W / KL | | |
| (1/2 Sec. and Sec. No.) (Twp.) | Range) (Meridian) | | |
| Undesignated Rio Arriba (County or | Subdivision) New 10 (State or Territory) AN 10 1958 | | |
| | VOIL CON | | |
| The elevation of the derrick floor above sea leve | el is 7289 ft. DIST. 3 | | |
| DETAIL | S OF WORK | | |
| (State names of and expected depths to objective sands; show size | s, weights, and lengths of proposed casings; indicate mudding jobs, soment- her important proposed work) | | |
| The Federal 3-19 #1 was dril E.S. and M.L. logs were run. An oil cemented at 6200' with 200 sxs cement in 30 min. Cement plug was left at 6 6090-610h were perforated with 2 Jets 500 gals. mud acid. Fracture treatmen 30,000 lbs. sand at 3h BPM and 2800 p with 2 Jets per foot. Two inch tubin load oil were swabbed and flowed back for pumping unit was being poured at | led to a total depth of 6202! (7 3/8* hole). string of 5 1/2*, 15.5 #/ft. casing was . Casing was tested with 1500 psi, no less . Casing was tested with 1500 psi, no less . Casing was run and 6054-6080 and . per foot. Perforations were washed with at consisted of 30,000 gals crude and . The above intervals were reperforated ag was run to 6075. A total of 606 BELs. C. Pump and rods were run and foundation months end. | | |
| I understand that this plan of work must receive approval in | n writing by the Geological Survey before operations may be commenced. | | |
| | xas | | |
| Address P. O. Box 1249 | By Charles & Lantry | | |
| Houston, Texas | By Chapter No turns | | |
| | Title Field Foreman GPO 9 18 507 | | |