Form 9-331 b
(April 1952)

Budget Bureau No. 42-R-359.3.
Approval expires 12-31-55.

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency Ute Mountain

Allottee

Lease No. 14-20-604-1947

Sec. 3

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 REDRILL 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)

RECEIVED DEC 5 1957 U.S. GEOLOGICAL SURVEY FARMINGTON, NEW MEXICO

December 2, 1957

Well No. 1 is located 2310 ft. from [N/S] line and 1650 ft. from [E/W] line of sec.

NE¼, SW¼, Sec. 3 (¼ Sec. and Sec. No.) 31-N (Twp.) 16-W (Range) NMPM (Meridian)

Undesignated (Field) San Juan County (County or Subdivision) New Mexico (State or Territory)

RECEIVED DEC 6 1957 OIL CON. COM. DIST. 3

The elevation of the derrick floor above sea level is 5688 ft.

DETAILS OF WORK

Please Hold This Information Confidential!

(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)

This well was drilled from 8004' to 8703' during the month of November using an 8 3/4" bit w/ the following intervals being cored: 8033'-8052', 8124'-8187', 8233'-8268', 8338'-8351', and 8518'-8574'. The following intervals were drill stem tested: 8010'-8052', 8062'-8092', 8108'-8187', 8165'-8268', 8288'-8338', 8336'-8420', 8470'-8515', and 8515'-8574'. ES-Induction, Microlog and Gamma-Ray-Neutron logs were run at 8140 ft. Core descriptions and DST results may be found below and on the reverse side of this sheet.

CORE DESCRIPTIONS & DST RESULTS

CORE #7: 8033' to 8052'. Rec. 19 ft. being 8' coarse XLN ANHY becoming shaly & calc to btm., and 11' platy soft XLN ANHY w/ strong sulf odor in lower 5 feet.

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

Company Standard Oil Company of Texas

Address P. O. Box 1581

Farmington, New Mexico

By Charles W. Curtis

Title Field Foreman

U. S. GOVERNMENT PRINTING OFFICE 16—8437b-7

CORE #8: 8124' to 8135'. Rec. 10½' being 4' gry dolo MS, 2' blk SH bldg O & G from fracs, 4½' gry frac dolomite bldg. O & G in top foot. SW from remaining fracs.

CORE #9: 8135' to 8142'. Rec 7 ft. being ½' gry dolo. MS, 4½' gry blk calc SH, and 2' gry brn dolo w/ scat vug por & sol por along frac planes & w/ good stn, oder, flour & cut in vugs & along por channels.

CORE #10: 8142' to 8187'. Rec. 44 ft. being 3' gry brn frac dolo w/ gd stn, oder & flour in fracs & in few vugs. Fracs confined to upper 1½', 6' gry brn to blk shly dolo, MS. becoming v. shly in btm 3', 11' gry brn DMS, LS, MS, 4' gry brn to blk shly LS, MS, 7' gry brn LS frac & w/ sli inter x por from 67½'-72', 4' gry blk shly ls w/ gd oder. V sli to no stn & flour, and 9' blk SH, MS.

CORE #11: 8233' to 8268'. Rec 35 ft. being 26' gry tan VFX-SUC hrd DMS Stylolitic sli mic LS.MS, 5' gry-blk soft muddy calc. Shale more dense & calc at top & btm., and 4' gry tan vfx hrd DMS LS w/ V. sli bldg gas & SW from btm 1½'. Frac in btm ½'.

CORE #12: 8338' to 8344'. Rec 6 ft. being all drk gry-brn FN x DMS dolo w/ calcite crystals. Some vert & hor fracs. Few fracs filled w/ calcite. Trace of lt blue flour on some frac surfaces.

CORE #13: 8344' to 8351'. Rec 7 ft. being 2½' blk v argillaceous & carbonaceous ls w/ few chert nodules at btm & few fracs. No flour and 4½' drk brn to blk FN x DMS argillaceous LS w/ some thin carbonaceous SH partings. Numerous fracs w/ gd fracs (48-50). No flour or stn

CORE #14: 8518' to 8549'. Rec 32½ ft. being 4½' drk brn FX DMS LS, 1' blk calc SH, 10½' brn-drk brn VFX-FX DMS LS w/ thin SH partings, 1' drk brn soft calc SH, 2' brn-drk-brn VFX-FX DMS LS w/ thin SH partings, 1' drk brn calc SH containing LS pebbles, 2' brn-drk brn VFX-FX DMS LS, 1' cong brn LS pebbles in gry soft SH matrix, 1' brn VFX LM, 1' brn XLN LM, 4' lt brn f-mx lm. Fair pp to vug por. Trace of flour along frac. Sli salty taste, 3½' brn VFX-FX DMS LS, and 1½' no return.

DST #4: 8010' to 8052'. Tool open 50 mins. Rec 510' wtr cushion & 10' v sli O & GC Drlg. mud 30 Min ISIP-180, IFP-220, FFP-220, 30 min FSIP-300, IHH-3650, FHH-3525.

DST #5: 8062' to 8092'. Tool open 1 hr. Rec. 15 ft. sli GC Drlg. Mud. 30 Min ISIP-150, IFP-50, FFP-100, 45 Min FSIP-150, IHH-3750, FHH-3750.

DST #6: 8108' to 8187'. Tool open 2 hrs. Rec 690 ft. wtr cushion & 60 ft. sli Gc Drlg. Mud. 45 Min ISIP-400, IFP-345, FFP-345, 45 Min FSIP-500, IHH-3950, FHH-3750.

Continued on next page.