

(SUBMIT IN TRIPLICATE)

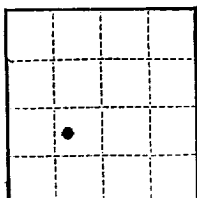
Indian Agency Ute

Mountain

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Allottee

Lease No. 14-20-601-1947



Sec. 3

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	<div style="text-align: right;"> RECEIVED DEC 6 1957 SURVEY NEW MEXICO X </div>
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	
NOTICE OF INTENTION TO ABANDON WELL		

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

December 2, 1957

Well No. 1 is located 2310 ft. from NE 1/4 line and 1650 ft. from W line of sec.

NE 1/4, SW 1/4, Sec. 3  
(1/4 Sec. and Sec. No.)

31-N  
(Twp.)

16-W  
(Range)

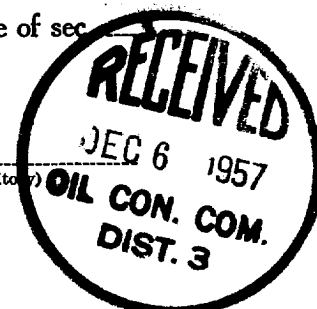
NMPM  
(Meridian)

Undesignated  
(Field)

San Juan County  
(County or Subdivision)

New Mexico  
(State or Territory)

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'-8549'. 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 XLS ANHY becoming shaly & calc to btm., and 11' platy soft XLS 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 H. Bentley

Title Field Foreman

CORE DESCRIPTIONS & DST RESULTS CONTINUED

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

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

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

CORE #11: 8233' to 8268'. Rec 35 ft. being 26' gry tan VFX-SUC hrd DNS Stylolitic sli mic LS, NS, 5' gry-blk soft muddy calc. Shale more dense & calc at top & btm., and 4' gry tan vfx hrd DNS 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 DNS dole 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 chart nodules at btm & few fracs. No flour and 4½' drk brn to blk FN & DNS 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 DNS LS, 1' blk calc SH, 10½' brn-drk brn VFX-FX DNS LS w/ thin SH partings, 1' drk brn soft calc SH, 2' brn-drk-brn VFX-FX DNS LS w/ thin SH partings, 1' drk brn calc SH containing LS pebbles, 2' brn-drk brn VFX-FX DNS 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 per. Trace of flour along frac. Sli salty taste, 3½' brn VFX-FX DNS 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, IFF-220, FFF-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, IFF-50, FFF-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, IFF-345, FFF-345, 45 Min FSIP-500, IHH-3950, FHH-3750.

Continued on next page.