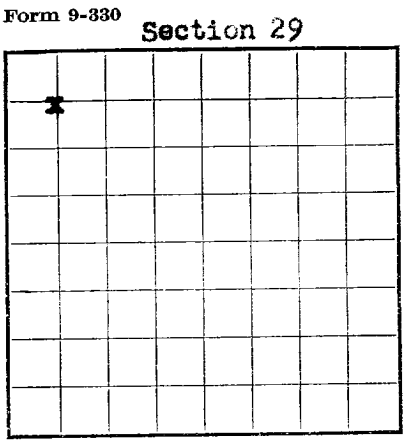
Form 9-330

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

U. S. LAND OFFICE Santa FE
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECT 14-20-604-122

Section 29



LOCATE WELL CORRECTLY

RECEIVED
FEB 13 1958
OIL CON. COM.
DIST. 3

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Standard Oil Company of Texas Address P. O. Box 1581 Farmington, N. M.

Lessor or Tract Ute Mountain Tribal 2-29 Field Verde-Gallup State New Mexico

Well No. 1 Sec. 29 T. 31N R. 14W Meridian NMPM County San Juan

Location 660 ft. {N./S.} of N Line and 660 ft. {E./W.} of W Line of Section 29 Elevation 5618 (Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed Charles H. Lawton

Date February 10, 1958 Title Field Foreman

The summary on this page is for the condition of the well at above date.

Commenced drilling December 10, 19 57 Finished drilling January 17, 19 58

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 3659 to 3746 No. 4, from — to —

No. 2, from — to — No. 5, from — to —

No. 3, from — to — No. 6, from — to —

IMPORTANT WATER SANDS

No. 1, from 2026 to 2364 No. 3, from — to —

No. 2, from — to — No. 4, from — to —

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From—	Perforated To—	Purpose
8 5/8	24#	8	J-55	252	Float	—	—	—	Protect Wtr. Sands
5 1/2	15.5#	8	J-55	3625	Float	—	—	—	Oil String

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	264	130	Plug	9.3 ppg	—
5 1/2	3625	550	Plug	9.1 ppg	—

PLUGS AND ADAPTERS

Heaving plug—Material — Length — Depth set —

Adapters—Material — Size —

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from 0 feet to 3746 feet, and from — feet to — feet

Cable tools were used from — feet to — feet, and from — feet to — feet

DATES

January 18, 1958 Put to producing February 4, 1958

The production for the first 24 hours was 101 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity, °Bé. 39.7°API

If gas well, cu. ft. per 24 hours — Gallons gasoline per 1,000 cu. ft. of gas —

Rock pressure, lbs. per sq. in. —

EMPLOYEES

C. T. Rader, Driller A. F. Sample, Driller

Dan Munoz, Driller —, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Tops	(from Electric Log)		
1063			Cliff House
1217			Menefee
2026			Point Lookout
2364			Mancos Shale
2804			Siltstone Marker
3478			Gallup Zone
3659			Tocito

AT THE END OF COMPLETE DRILLER'S LOG, ADD GEOLOGIC TOPS, STATE WHETHER FROM ELOG OR SAMPLES.

[OVER]

16—43094-4

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

Core Descriptions:

Core #1 3647-3662 recovered 3½ feet, being all l ose pieces of fractured shale with siltstone laminations.

Core #2 3662-3681 recovered 19 feet, being 12 feet laminated shale and siltstone with fractures at 3662-64 and 3668-69, 1 foot black shale, 3 feet laminated gray-black shale and siltstone, 3 feet fractured gray-black shale.

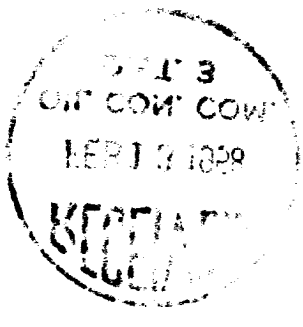
Core #3 3681-3703 recovered 21 feet, being 8 feet gray-black shale with thin siltstone laminations and fractures at 3686 and 3689, 2 feet gray-black shale, 1 foot shale and sand with good stain odor and flourescence, 2 feet gray-black shale, 8 feet gray-black sandy shale with fractures at 3695.

Core #4 3703-3746 recovered 43 feet, being 13 feet gray very shaly sand fractured from 3712-3716, 30 feet sandy shale with possible fracture at 3745.

Note that oil first entered hole while drilling from 3642-45 and contaminated all cores. No stain was found in the rock matrix except as noted above.

DST #1 3499-3642 Tool ope n 1½ hours with strong blow of air throughout. Recovered 540 feet of slightly oil-cut mud and 390 feet of oil and gas-cut mud.
IFP 38 FFP 42 45 min FSIP 1140 (Maximum)
IHH 1760 FHH 1740

16—43094-2 U. S. GOVERNMENT PRINTING OFFICE

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.