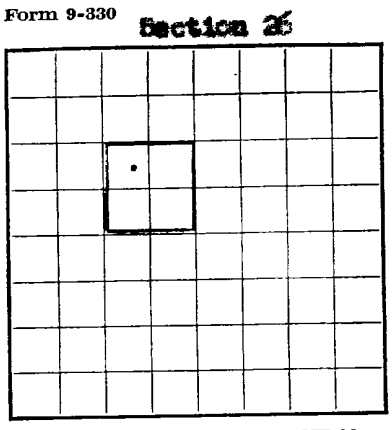
Form 9-330

Section 26



LOCATE WELL CORRECTLY

Form approved.
Budget Bureau No. 42-R355.4.

U. S. LAND OFFICE New Mexico

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT 240

RECEIVED OCT 31 1962 OIL CON. COM. DIST. 3

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED OCT 29 1962 U. S. GEOLOGICAL SURVEY FARMINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL

Company Standard Oil Company of Texas, A Division of California Oil Company Address Drawer "S", Moombane, Texas

Lessor or Tract Jicarilla 4-26 Field Boulder-Mancos State New Mexico

Well No. 4 Sec. 26 T. 26N R. 1W Meridian NMPM County Rio Arriba

Location 1795 ft. {N. / S.} of S Line and 1840 ft. {E. / W} of W Line of Section 26 Elevation 7204 (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 J. L. Rowland

Title District Engineer

Date October 29, 1962

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

Commenced drilling September 3, 19 62 Finished drilling September 20, 19 62

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 3126 to 4158 No. 4, from to

No. 2, from 4158 to — No. 5, from to

No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

No. 1, from to 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	[illegible]	New	139'	Guide	None	—	—	Surface csg.
5-1/2"	14	[illegible]	New	3805'	Guide	New	—	—	Oil String
4"	11.6	Flush-Joint	New	557'	Guide	New	4093	4321	Slotted liner-Keep hole from caving.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	139	100	Pump & plug		
5-1/2	3805	125	Pump & plug		

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 Surface feet to 4325 feet, and from feet to feet

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

DATES

October 29, 19 62 Put to producing September 25, 19 62

The production for the first 24 hours was 143 barrels of fluid of which 100 % was oil; — % emulsion; — % water; and — % sediment. Gravity, °Bé. 32.5

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

Rock pressure, lbs. per sq. in. —

EMPLOYEES

H. E. Wayman, Driller J. L. Browning, Driller

Odell Freeman, Driller M. L. Hall, Rotary Drlg. Foreman

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surf	630	630	Medium grained sand, shale, silts
630	2540	1910	Gray shale
2540	3310	770	Coarse to fine grained sands with gray shale
3310	4190	880	Silty, gray shale
4190	4320	130	Shale
			Spud in Animas
			Lewis Shale 477'
			Point Lookout 2718'
			Mancos 3196'
			Gallup 4158'

FOLD | MARK

[OVER]

16—43094-5

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

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.

Spudded well at 4:30 AM, 9-3-62. Drilled 11" hole to 140 feet. Landed and cemented 8-5/8", 24#, J-55, ST&C new casing at 139 feet with 100 sx cement. Circulated estimated 40 sx cement to surface. WOC. 2:00 PM, 9-3-62. After WOC 19½ hours, tested 8-5/8" casing to 1000 psi for 30 minutes, OK. Drilled 7-7/8" hole to 3806 feet. Ran logs. Landed & cemented 5½", 14#, J-55, ST&C new casing at 3805 feet with 125 sx cement. WOC 2:00 PM, 9-15-62. After WOC 36 hours, tested 5½" casing to 1500 psi for 30 minutes, OK. Drilled to total depth of 4325 feet substituting air for drilling fluid. Ran logs. Perforated selected intervals 4093-4344 with one crack jet and one conventional jet per foot. Landed 357' of 4", 9.5#/ft., J-55 New Flush joint liner on top of cavings at 4312 with top of liner at 3955 feet. Liner is slotted 4093-4155 and 4219-4281 feet. Ran & landed 2-3/8", 4.7#/ft., J-55, EUE production tbg. at 4086 feet. On 10-4-62 fracture treated well with 193½ barrels lease oil, no sand. Recovered total volume load oil. On potential test, 10-28-62, well pumped 143 barrels oil in 24 hours. Gas-oil ratio, 202-1. Gravity 32.5 deg. API.

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OCT 30 1962
U. S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO