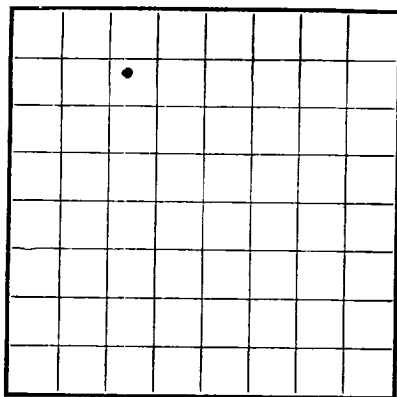




LOCATE WELL CORRECTLY

RECEIVED
DEC 22 1954
U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **000517**
LEASE OR PERMIT TO PROSPECT
Holmberg Gas Unit

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **Stanolind Oil and Gas Company** Address **Box 487, Farmington, New Mexico**Lessor or Tract **Holmberg Gas Unit** Field **Blanco-Mesaverte** State **New Mexico**Well No. **2** Sec. **24** T. **32-N** R. **10-W** Meridian **NMPM** County **San Juan**Location **870** ft. S. of **W** Line and **1450** ft. W. of **E** Line of **Section 24** Elevation **6090**

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

Date **October 25, 1954** Title **Field Superintendent**

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

Commenced drilling **July 11**, 19**54** Finished drilling **September 2**, 19**54**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **4726** to **4820** No. 4, from _____ to _____No. 2, from **5255** to **5300** 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

Casing	Weight per foot	Threads per inch	Make	Amount	Kind of pipe	Cut and pulled from	Perforated		Purpose
							From	To	
9-5/8"	32.3	8	National	269'	Guide				
7"	23	8	National	554'					
2"	4.7	8	National	554'					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8"	262	180	Displacement		
7"	4726	150 (1st Stage) 150 (2nd Stage)	Displacement		

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 **5370** feet, and from _____ feet to _____ feet

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

DATES

Put to producing **October 1**, 19**54**

The production for the first 24 hours was _____ barrels of fluid of which _____ % was oil; _____ %

emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours **3,764,000** Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. **1007**

EMPLOYEES

A. A. Schneider, Driller **W. D. Hall**, Driller**D. E. Howard**, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	2480	2480	Surface sand and shale
2480	2850	370	Fruitland
2850	2990	100	Pictured Cliffs
2990	4425	1475	Lewis Shale
4425	4800	375	Cliffhouse
4800	5154	354	Mesquite
5154	5254	100	Point Lookout
5254	5370	116	Mesquite

FROM

TO

TOTAL FEET

[OVER]

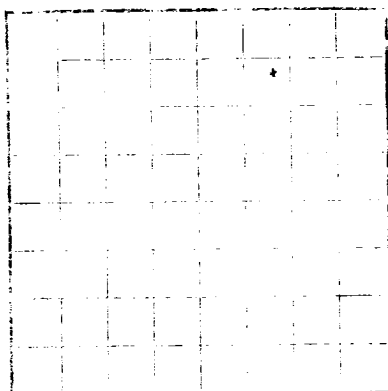
FORMATION

16-43094-3

FORMATION RECORD—Continued

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
U.S. GEOLOGICAL SURVEY
DEPARTMENT OF THE INTERIOR
WASHINGTON, D.C.



LOCATE WELL CORRELATE

On September 4, 1954, Memphis created Point Lookout zone (355-5370) with 6000 gallons of oil and 6000 pounds of kerosene. The Point Lookout zone was created to replace the zone which was destroyed by the fire on September 4, 1954. The Point Lookout zone was created to replace the zone which was destroyed by the fire on September 4, 1954. The Point Lookout zone was created to replace the zone which was destroyed by the fire on September 4, 1954.

2nd Stage - 150 sacks with 45 gal with 50 sacks next. D-A tool placed at 3118 feet. Completed drilling 10 3/4 Finished drilling 10 3/4
On August 29 1976 sandoff located 471 ft from formation (4726-4800') with 2000 gallons diesel oil and 2000 pounds of sand. Initial breakdown 1000 pounds at injection rate of 94 barrels per minute. Treating pressure 500-600 pounds at 26 inches

Signed _____
Date _____

1st Stage - 50 sacks contain with 6% fat with 50 cubic feet of pellets followed by 50 sacks next quantity opened 2-stage feed and circulated five hours.

In withdrawn hole, 7" casing was set at 4725 feet on August 26, 1954, and cemented as follows:

The well was spudded on July 17, 1964, with a 12 1/2" hole. The 9-5/8" section was drilled on July 22, 1964. On July 22, 1964, the casing was set at 1725 feet with 30 sacks cement in it. The 9 1/2" hole was drilled to 2525 feet on July 25, 1964. On July 25, 1964, the casing was set at 2525 feet with 50 sacks cement. The casing was set at 2525 feet with 50 sacks cement. The casing was set at 2525 feet with 50 sacks cement.

It is of the greatest importance to have a complete history of the well. Please state in detail the date of reaming, together with the reason for the work and its results. If there were any changes made in the casing, state fully, and in what 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.

HISTORY OF OIL OR GAS WELL

[illegible]

FORMATION RECORD—Continued