Budget Bureau No. 42-R355.2.
Approval expires 12-31-52.

Form 9-330

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078060
LEASE OR PERMIT TO PROSPECT Huerfano Unit

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Stanolind Oil and Gas Company Address Box 487, Farmington, New Mexico
Lessor or Tract Huerfano Unit Field Wildcat State New Mexico
Well No. 35 Sec. 21 T. 26N R. 9W Meridian NMPM County San Juan
Location 1140 ft. {N.} of N Line and 990 ft. {W.} of E Line of Section 21 Elevation 6371'
(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 [signature]
Date February 9, 1955 Title Field Superintendent

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

Commenced drilling November 16, 1954 Finished drilling December 13, 1954

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1978 to 2023 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 ____ 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#	8RT	CF&I	94	Guide				
5-1/2"	14#	8RT	CF&I	1977	Guide				
1"	1.70#	11½ NT	CF&I	2009			1988	2009	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	94	75	Displacement		
5-1/2"	1977	75	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 96 feet to 1977 feet, and from ____ feet to ____ feet
Cable tools were used from 0 feet to 96 feet, and from 1977 feet to 2023 feet

DATES

December 18, 1954 Put to producing Shut-in, 19____

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 1,115,000 Gallons gasoline per 1,000 cu. ft. of gas ____

Rock pressure, lbs. per sq. in. 608 SICP

EMPLOYEES

C. W. Branch, Jr., Driller N. G. Lewis, Driller
R. L. Crossman, Driller ____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1265	1265	Surface sand and shale.
1265	1770	505	Kirtland
1770	1972	202	Fruitland
1972	2023	51	Pictured Cliffs

[OVER]

16—43004-2

FOLD

MARK

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

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.

CASING RECORD

On November 16, 1954, well was spudded. On November 17, 1954, 8-5/8" casing was landed at 94 feet and cemented with 75 sacks cement. On December 5, 1954, 5-1/2" casing was landed at 1977 feet, and cemented with 75 sacks cement.

On December 14, 1954, well was sandoil frac'ed with 10,000 gallons diesel oil and 8,000 pounds sand from 1977 to 2023 feet. Maximum pressure was 1400 pounds and treating pressure was 1400 pounds with an injection rate of 29.5 barrels per minute. Well was shutdown for six days. Shut-in tubing pressure was 608 psig. Potential test was 1115 MCFPD.

LOG OF OIL OR GAS WELL

GEOLOGICAL SURVEY

DEPARTMENT OF THE INTERIOR

UNITED STATES

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