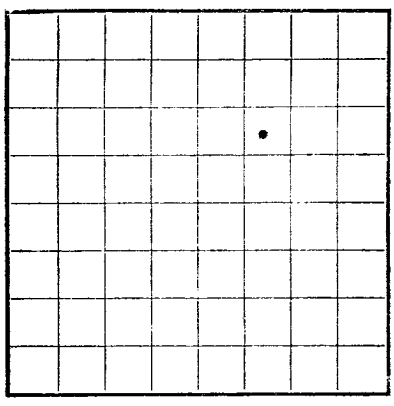
Form 9-330

Budget Bureau No. 42-R-355.3.
Approval expires 12-31-55.

U. S. Land Office Santa Fe
Serial Number 077967
Lease or Permit to Prospect



LOCATE WELL CORRECTLY

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 Gallegos Canyon Unit Field West Kutz-Pictured Cliffs State New Mexico
Well No. 72 Sec. 36 T. 28N R. 13W Meridian NMPM County San Juan
Location 1730 ft. [N.] of N Line and 1650 ft. [E.] of E Line of Section 36 Elevation 5825
(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 L. D. Spencer
Date February 29, 1956 Title Field Superintendent

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

Commenced drilling December 28, 19 55 Finished drilling January 20, 19 56

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1440 to 1452 (G) 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
9-5/8"	32.3#	8RT	National	109	Guide				Surface Casing
5-1/2"	14#	8RT	National	1487	Guide				Oil String

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8"	109	100	Circulated		
5-1/2"	1487	75	Circulated		

MARK

FOLD

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 1487 feet, and from ____ feet to ____ feet
Cable tools were used from ____ feet to ____ feet, and from ____ feet to ____ feet

DATES

January 29, 19 56 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 3,700,000 Gallons gasoline per 1,000 cu. ft. of gas ____

Rock pressure, lbs. per sq. in. 385 psi

EMPLOYEES

F. A. Ahnens, Driller K. D. Fiertig, Driller
J. A. Gates, Driller L. V. Stone, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	550	550	Surface sand and shale.
550	1250	700	Kirtland
1250	1440	190	Fruitland
1440	1475	35	Pictured Cliffs

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.

This well was spudded on December 28, 1955. On December 29, 1955, 9-5/8" casing was landed at 109 feet and cemented with 100 sacks of circulated cement. After waiting on cement 21 days, casing and water shut off were tested with 500 pounds pressure for 30 minutes with no drop in pressure. Drilling operations were resumed.

On January 19, 1956, 5-1/2" casing was landed at 1487 feet and cemented with 75 sacks cement. After waiting on cement for four days, bailing test failed to produce any water. Completion operations were resumed.

On January 25, 1956, the well was perforated with four jet shots per foot from 1440 feet to 1452 feet. Test before frac was 116 MCFPD. Well was then sand-water fraced with 28,500 gallons water and 30,000 pounds sand. Formation broke at 2850 pounds. Average injection rate 41 BPM. Test after frac, 3700 MCFPD.