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

Form 9-330

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 032511-A
LEASE OR PERMIT TO PROSPECT P. J. Langlie A-2

(Corrected Copy)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Stanolind Oil and Gas Company Address Box F, Hobbs, New Mexico
Lessor or Tract P. J. Langlie "A" Field Langlie State New Mexico
Well No. 2 Sec. 9 T. 25-S R. 37-E Meridian NMPM County Lea
Location 1980 ft. {N.} of S Line and 660 ft. {E.} of W Line of Section 9 Elevation 3160 (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
Title Field Superintendent

Date March 4, 1938

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

Commenced drilling September 21, 1937 Finished drilling October 31, 1937

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from O & G 3415 to 3424 No. 4, from to
No. 2, from O 3424 to 3430 No. 5, from to
No. 3, from O 3452 to 3463 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
13"	40	8	Beth C.	149	None				
8-5/8"	28	8	J & L	1161	Baker				
5-1/2"	17	10	Nat'l	3211	Baker				
			(Corrected Log)						

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13"	162	100 sacks	Halliburton Plug	11	
			Halliburton Plug	9½	
			Halliburton Plug	11½	

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
	(5) 4½	S.N.G.	140	11-23-37	3416-3459'	3463

TOOLS USED

Rotary tools were used from 0 feet to 3230 feet, and from feet to feet
Cable tools were used from 3230 feet to 3463 feet, and from feet to feet

DATES

, 19 Put to producing November 27, 1937

The production for the first 24 hours was 121 barrels of fluid of which 100 % was oil; -- % emulsion; -- % water; and -- % sediment.

Gravity, °Bé.

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

Rock pressure, lbs. per sq. in.

EMPLOYEES

J. D. Whatley, Driller H. C. McCauley, Driller
Ray Morris, Driller L. Lochausen, Driller
Louis Theaux

FORMATION RECORD

F. L. Buck

FROM—	TO—	TOTAL FEET	FORMATION
0	32	32	Caliche
32	120	92	Caliche and Red Beds T. Red Beds 100
120	875	755	Red Rock 800'-0°
875	1106	231	Red Rock and Anhydrite
1106	1262	156	Anhydrite
1262	1273	11	Salt
1273	2765	1492	Salt and Anhydrite 1600'-0°
2765	2808	43	Anhydrite and Br. Lime TBL 2765' 2400'-1½°
2808	3004	196	Brown Lime
3004	3270	266	Grey Lime (Some sdy Lime) 2800'-2°
3270	3276	6	Sandy Lime(Brown)
3276	3415	139	Grey Lime (Hard) 3000'-2°
3415	3424	9	Sand-Light-Show Oil & Gas
3424	3430	6	Sandy Lime - Oil Increase
3430	3452	22	Lime Hard SLM Corr. fr. 3435½ to 3433
3452	3463	11	Sand - Hole filling w/oil.
		TD 3463 by	SLM

(OVER)

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

HISTORY OF OIL OR GAS WELL

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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.

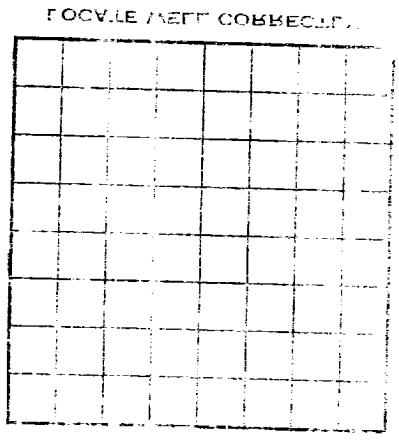
Swabbing Test on 11-8-37: 8:20 to 9:20 - 17½ bbls oil; 9:29 to 10:20 - 12½ bbls; 10:20 to 11:20 - 7½ bbls; 11:20 to 12:20 2½ bbls; 12:20 tol:20 - 2½ bbls; 1:20 to 2:20 2 bbls; 2:20 to 3:20 2 bbls. Well making about two bbls per hour.

Before shot 2½ bbls/hr. After shot 121 bbls 24 hrs. test.

Completion data:

24 hr. test flowing on 1/16" choke, flowed 121 bbls oil, no water, 62,000 cu. ft. gas. Gas/oil ratio 512 cu. ft. per bbl. Test completed December 1, 1937.

LOCATE WELL CORRECTLY



LOG OF OIL OR GAS WELL