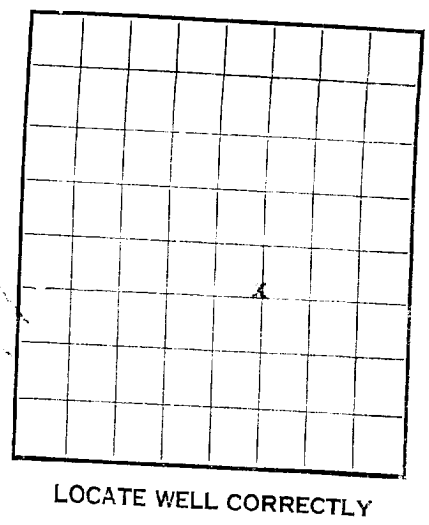
Form 9-330

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

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER LC 068051
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 68 Hobbs, New Mexico

Lessor or Tract Ruth C. McPherson Field Wildcat State New Mexico

Well No. 1 Sec. 11 T 18-S R 27-E Meridian N M P M County Eddy

Location 1980 ft. [N.] of South Line and 1980 ft. [W.] of East Line of Sec. 11, T-18-S, R-27-E Elevation 3593 (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

Date November 26, 1956 Title Production Foreman

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

Commenced drilling 9-1, 1956 Finished drilling 11-5, 1956

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from to 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
13-3/8	48&36	8 Rd	H-40 Armco	563	Guide	None			Surface
9-5/8	32.3	8 Rd	H-40	1975	Guide	None			Intermediate

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	572	700 sx neat	Howco		
9-5/8	1790	250 sx 8% gel + 1#tuf plug per sk.	Howco		
5-1/2	Casing was not run in this well.				

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 7270 feet, and from feet to feet

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

DATES

, 19 Put to producing Dry Hole, 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 Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in.

EMPLOYEES

H. L. Gilbert, Driller Z. Carr, Driller

George Wheat, Driller Bob Minnick, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	312	312	Red Bed
312	360	48	Anhy. & lime
360	482	122	Anhy.
482	539	57	Anhy. sand
539	630	91	Lime anhy.
630	835	205	Shale & Lime
835	1460	625	Lime Anhy.
1460	1679	219	Shale & Lime
1679	1726	47	Shale Anhy. Dolomite
1726	1828	102	Anhy. Shale Sand
1828	2118	290	Lime
2118	2696	578	Lime & Dolomite
2696	2790	94	Anhy. & Dolomite
2790	2947	157	Dolomite & Chert
2947	3026	79	Anhy. & Dolomite
3026	3434	408	Dolomite
3434	4154	720	Dolomite Anhy.
4154	4505	351	Dolomite & Chert
4505	4558	53	Dolomite
4558	4685	127	Sand & Dolomite
4685	5093	408	Dolomite
5093	5214	121	Dolomite & Chert
5214	5722	508	Dolomite & Shale
5722	5858	136	Dolomite & Chert
5858	6055	197	Dolomite
6055	6349	294	Dolomite & Lime

FOLD | MARK

16—43094-2

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
6349	6502	153	Dolomite & Shale
6502	6631	129	Dolomite
6631	6850	219	Dolomite & Shale
6850	6911	61	Dolomite Lime Shale
6911	6932	21	Dolomite & Lime
6932	7066	134	Dolomite & Shale
7066	7074	8	Dolomite & Lime
7074	7270	196	Dolomite & Shale

Core #1 1750-1758 Rec. 8' light brown to tan fine crystallin lime and dolomite and very thin streak of gray shale and anhy. inclusion.

Core #2 1758-1780 Rec. 20', 1758-1775 limy dolomite w/streaks gray shale 1775-1778 brown sand w/good stain flourescent and porocity.

Core #3 2500-2512 Rec. 11' brown fine to medium crystallin dolomite w/large anhy. inclusions & vuggy to pin point porosity & poor to good scattered oil stain & odor.

Core #4 6723-6737 Rec. 10-1/2, 7' dark dense fine crystallin shaly dolomite and 3-1/2' sh micro x l. x dolomite, No show.

DST #1 2455-2512 tool open 2 hrs. fair blow of air 1-1/2 hr. & died. Rec. 30' drl mud, no show oil, gas, or water. 3/4 hr. Final BHPSI 65#, Init. FBHP 55# Final FBHP 65#

DST #2 6264-6304 tool open 2-1/2 hrs. fair blow throughout test. Rec. 1350' of salty sulphur water, slightly gas cut. 30 min. initial BHSIP 2390, final 30 min. Initial flowing 60 PSIG. Final flowing 600 PSIG.

DST #3 6685-6739 tool open 2-1/2 hrs. Rec. 180' drl mud, 370' sulphur water, no show oil or gas. 20 min. Initial SIP 2665# Final 2120#. Initial flow 75# Final 315#.

DST #4 6915-6957 tool open 2 hrs. 5 min. Rec. 60' drlg mud and 180' sulphur water, no show oil or gas, 20 min. SIBHP 2750 Final SIBHP failed. Initial FBHP 60#

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.