

A 10x10 grid with a small black mark in the 7th column and 7th row.

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U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 06281 A
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Stanolind Oil and Gas Company Address P. O. Box 68 - Hobbs, New Mexico
Lessor or Tract Lakewood Unit Field wildcat State New Mexico
Well No. 1 Sec. 34 T. 19-S R. 25-E Meridian N.M.P. County Eddy
Location 1980 ft. N of S Line and 660 ft. E of E Line of Section 34 Elevation 3543

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 Ralph L. Henderson

Date **February 4, 1953**

Title Field Superintendent

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

Commenced drilling **September 23,** 19**52** Finished drilling **January 20,** 19**53**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **None** 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		Purpose
							From—	To—	
13-3/8	48	8	AOSmith	689	Float				
9-5/8	32.5	8	H-40	2712)	Float				
9-5/8	36	8	H-40	1374)					
				3586					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	700	583	Howco Plug		
9-5/8	3579	200	Howco Plug		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size _____

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from Surface feet to 10-26 feet, and from _____ feet to _____ feet.

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

DATES

....., 19..... Put to producing....., 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

J. B. Johnson -----, Driller **E. J. Williams** -----, Driller

J. E. Smith, Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0	2450		Caliche, Red Beds, Sand and Anhydrite
2450	2550		Sand
2550	3260		Dolomite w/sand stringers
3260	3510		Lime, Dolomite and Sand
3510	3800		Shaley Lime and Dolomite
3800	4050		Shaley Lime and Chert
4050	4190		Lime, Sand and Dolomite
4190	6620		Shaley Lime
6620	8150		Lime, Black Shale, Gray Shale w/thin beds of Sand
8150	8950		Lime, Shale and Sand
8950	9550		Sand, Sandy Shale and Lime
9550	9865		Shale, Lime, Some Sand
9865	10310		Lime with Chert
10310	10340		Shale
10340	10486		White Chert w/Dolomite
		<u>TOPS</u>	
885 (-2667)			San Andres
2450 (-51092)			Glorietta
3260 (-282)			Drinkard Sand
4190 (-648)			Alco
6620 (-3078)			Wolfcamp
8150 (-1608)			Pennsylvanian

FORMATION RECORD—Continued

FROM	TO	TOTAL FEET	FORMATION
		<u>TOPS</u>	
9885 (-4320)			Mississippian Lime
10310 (-6768)			Woodford
10340 (-6798)			Devonian
		<u>DST'S</u>	
#1	810' - 861'	Tool open two hours. Weak blow of air at once. Continued weak through test. BHFP 40 to 50 psi. 15 minute SIBHP zero. Recovered 105' slightly oil and gas cut mud, no water.	
#2	2610' - 2692'	Tool open 2 hours. Weak blow of air throughout test. Recovered 135' slightly oil and gas cut mud. No show of water. FBHP 23 - 50 psi. 15 min. SIBHP zero.	
#3	2770' - 2850'	Tool open 1 hour and 45 min. Weak blow of air died in 45 min. Recovered 108' slightly gas cut mud. No show of oil or water BHFP 25 - 45 psi. 15 min. SIBHP zero.	
#4	3304' - 3385'	Tool open 2-1/2 hours. Weak blow air to surface at once, died in 20 minutes. Recovered 84' drilling mud. No show of oil, gas or water. BHFP 5 - 55 psi. 15 min. SIBHP 55 psi.	
#5	6605' - 6700'	Tool open 4 hours and 10 min. Strong blow air to surface at once; moderate blow after 30 min. Very weak blow sweet gas in 2 hrs. 15 min. Continued weak throughout balance of test. Recovered 270' drilling mud and 2615' salt water, no show of oil. FBHP 65 - 1495 psi; 20 min. SIBHP 2605 psi.	
#6	7030 - 7123'	Tool open 4 hours. Moderate blow air to surface at once. Weak blow of gas to surface in 35 min. Held for balance of test. Recovered 60' gas cut drilling mud; no show of oil or water. FBHP zero - 130 psi 10 min SIBHP 175 psi.	
#7	7834' - 7873'	Misrun. Packers failed to hold.	
#8	7838 - 7878'	Misrun. Packers failed to hold.	
#9	7836 - 7878'	Tool open 3 hours. Weak blow air at once. Dead in 1-1/2 hours. Recovered 40' drilling mud, no show oil, gas, or water. FBHP zero. 15 min. SIBHP zero.	
#10	9397 - 9500'	Tool open 5 hours. Strong blow gas to surface in 35 minutes, continued strong for balance of test. Produced at rate of 47 MCFPD. Recovered 284' very heavy gas cut drilling mud. No show of oil or water. FBHP 60 - 115 psi. 20 min. SIBHP 2930 psi.	
#11	9407 - 9540'	Tool open 3 hours. Medium blow of air at once. Gas to surface in 55 minutes. Recovered 115' heavy gas cut mud, no show oil or water. FBHP 70 psi; 20 min. SIBHP. 1818 psi. Amount of gas too small to measure.	
#12	10330 - 10351'	Tool open one hour and 31 minutes; weak blow of air to surface, dead in 31 minutes. Recovered 20' drilling mud. No show of oil, gas, or water. FBHP zero 20 min. SIBHP zero.	
#13	10350 - 10373'	Tool open one hour 22 minutes. Weak blow of air, dead in 22 min. Recovered 15' drilling mud. No show gas, oil or water. BHFP zero 20 min. SIBHP zero.	
#14	10373 - 10398'	Tool open 3 hours. Weak blow of air at surface. Dead in 45 minutes. Recovered 40' drilling mud and brackish water. BHFP 15 - 45 psi. 20 minute SIBHP 225 psi. No show of oil or gas.	

HISTORY OF OIL OR GAS WELL

16-48084-1

U. S. GOVERNMENT PRINTING OFFICE

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.

- #15 10415 - 10437'. Tool open 3 hours. Weak blow of air to surface. Dead in 42 min. Recovered 225' of drilling mud. No show oil, water or gas. BHFP 50 - 120 psi. 20 min. SIBHP. 180 psi.
- #16 10433 - 10486'. Tool open 4 hours. Strong blow of air at once. Dead in 1 hour and 58 minutes. Recovered 270' drilling mud and 10030' of Brackish Water. No show of oil or gas. BHFP 2880 - 4475 psi. 20 minute SIBHP 4475 psi.

OUT OF THE HANDS OF SOME

LOG OF ONE OF THE WELLS

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