

U. S. LAND OFFICE Las Cruces

SERIAL NUMBER 032326 (b)

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 Box 68, Hobbs, New Mexico
 Lessor or Tract South Mattix Unit Field Fowler State New Mexico
 Well No. 10 Sec. 15 T. 24 S. R. 37 E. Meridian N. M. P. County Lea
 Location 1980 ft. (N) of N. Line and 810 ft. (W) of E. Line of Section 15 Elevation 10832 ft.

Signed Kepha L. Pennington
Title Field Superintendent

Date October 22, 1953

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

Commenced drilling May 15, _____, 1953 Finished drilling September 8, _____, 1953

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

(Denote gas by G)

No. 1, from <u>G-10343</u>	to <u>PSTD 10485</u>	No. 4, from _____ to _____
No. 2, from _____	to _____	No. 5, from _____ to _____
No. 3, from _____	to _____	No. 6, from _____ to _____

IMPORTANT WATER SANDS

IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

CASING RECORD

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"	36#-48#	SI & 3BT	Armco H-40	317'	Guide				surface intermediate or bottom
9-5/8"	32#-36#	8BT	J-55	9862'	Guide				
7-5/8"	25-29#	8BT	N-40	10592'	Guide				
BLACK OIL OR OIL WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8"	328'	300 sx. w/ neat	Howco Plug		
4-5/8"	3850'	375 sx. 8% / 100 sx. neat	Howco Plug		
7"	10525'	900 sx. 4% / 900 cu. ft. perlite	Howco Plug		

PLUGS AND ADAPTERS

PLUGS AND ADAPTERS
 Heaving plug—Material ----- Length ----- Depth set -----
 Adapters—Material ----- Size -----

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from 0 feet to 10525 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

October 22,	19	Put to producing	September 7,	19
The production for the first 24 hours was	53	barrels of fluid of which	75	% was oil; %
emulsion; 25 % water; and % sediment.	132			
If gas well, cu. ft. per 24 hours		Gravity, °Bé.	44	API
Rock pressure, lbs. per sq. in.		Gallons gasoline per 1,000 cu. ft. of gas		

EMPLOYEES

L. J. Wilson	Driller	Glenn Lang	Driller
D. S. Lawson	Driller	E. R. Hook	Driller

FORMATION RECORD

FORMATION RECORD			
FROM—	TO—	TOTAL FEET	FORMATION
0	95	95	Caliche and Sand
95	1086	991	Red Bed
1086	1418	332	Red Bed and salt
1418	2370	952	Salt and anhydrite
2370	3137	767	Anhydrite and gyp
3137	3194	57	Anhydrite and lime
3194	3374	180	Anhydrite
3374	3628	254	Anhydrite and lime
3628	3950	322	Lime
3950	4015	65	Anhydrite and Lime
4015	8432	4417	Lime
8432	8446	14	Lime and chert
8446	8486	40	Lime
8486	8563	77	Lime and chert
8563	8589	26	Lime
8589	8613	24	Lime and chert
8613	8734	121	Lime
8734	8786	42	Lime and chert
8786	8835	49	Lime
8835	9076	241	Lime and chert
9076	9105	29	Lime
9105	9122	17	Lime and chert
9122	9219	97	Lime
9219	9787	568	Lime and shale
9787	9816	29	Sand lime and shale

(OVER)

18-43004-6

LOBBYING RECORD-Continued

FORMATION RECORD—Continued

FROM	TO	TOTAL FEET	FORMATION
9816	10384	568	Shale and lime
10384	10507	123	lime
10507	10525	18	lime and shale

FORMATION RECORD	REMARKS
	Drilled 100' below 10525, 30 minutes BHP 2900. No gas to surface. Rec. 1700' WB, 900' free oil, 20 heavy oil and gas cut mud, no water, BHP 800 - 1050. 20 min BHP 2900.
	D. S. T. #5: 10430' to 10475', tool open 6 hours, strong blow of air at once, gas to surface in 90 minutes, strong blow gas throughout test. Rec. 1700' WB, 900' free oil, 20 heavy oil and gas cut mud, no water, BHP 800 - 1050. 20 min BHP 2900.
	D. S. T. #4: 10366' to 10433', tool open 4 hours strong blow of air at once, gas to surface in 53 minutes. Moderate strong blow gas throughout test. Rec. 250' heavily oil and gas cut mud below circ, and this 100' salt water. BHP 1000 to 1250, 20 min. BHP 2995.
	D. S. T. #3: 10380' to 10433', mis-run, packer failed.
	D. S. T. #2: 10010 to 10110. Tool open 1 hour 10 minutes. Weak blow of air at once, died in 19 minutes. Rec. 1500' WB plus 50' drilling mud. No show of oil, gas, or water. BHP 850 to 800 psi, 20 minutes static - zero.
	D. S. T. #1: 8650' to 8839'. Tool open 5 hours weak blow of air at once continuing throughout test. No gas, recovered 180' of gas and sulphur water cut mud, 480' of sulphur water, BHP 250 to 300. 30 minutes BHP 250 to 300, 30 minutes BHP 3875.

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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.

HISTORY OF OIL OR GAS WELL

D. S. T. #1: 8650' to 8839'. Tool open 5 hours weak blow of air at once continuing throughout test. No gas, recovered 180' of gas and sulphur water cut mud, 480' of sulphur water, BHP 250 to 300. 30 minutes BHP 250 to 300, 30 minutes BHP 3875.

D. S. T. #2: 10010 to 10110. Tool open 1 hour 10 minutes. Weak blow of air at once, died in 19 minutes. Rec. 1500' WB plus 50' drilling mud. No show of oil, gas, or water. BHP 850 to 800 psi, 20 minutes static - zero.

D. S. T. #3: 10380' to 10433', mis-run, packer failed.

D. S. T. #4: 10366' to 10433', tool open 4 hours strong blow of air at once, gas to surface in 53 minutes. Moderate strong blow gas throughout test. Rec. 250' heavily oil and gas cut mud below circ, and this 100' salt water. BHP 1000 to 1250, 20 min. BHP 2995.

D. S. T. #5: 10430' to 10475', tool open 6 hours, strong blow of air at once, gas to surface in 90 minutes, strong blow gas throughout test. Rec. 1700' WB, 900' free oil, 20 heavy oil and gas cut mud, no water, BHP 800 - 1050. 20 min BHP 2900.

D. S. T. #6: 10475' to 10525', tool open 3 hours. Moderate blow of air at once, decreased to weak blow. No gas to surface. Rec. 1700' WB, 900' free oil, 20 heavy oil and gas cut mud, 300' salt water BHP 975 to 2125, 30 minutes BHP 3250.

ACIDIZING RECORD

8-17 Well stimulated with wash of 500 gal. 15% reg. acid.

8-17 Acidized perforations, 10350' to 10414' w/12000 gal of 15% acid mixed w/60 gal water w/200 lbs overflush.

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

LOGGED BY

