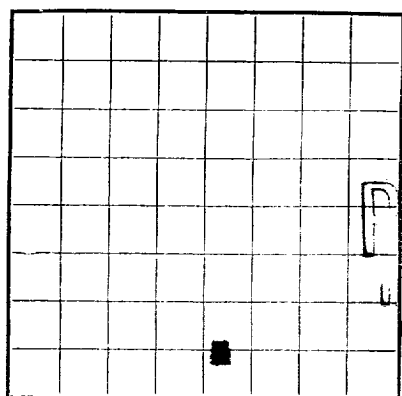


U. S. LAND OFFICE Las CrucesSERIAL NUMBER 064522

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

COPY TO O. C. C.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
ARIZONA, NEW MEXICO

LOG OF OIL OR GAS WELL

Company Stanolind Oil and Gas Company Address P. O. Box 68, Hobbs, New Mexico
Lessor or Tract Guadalupe Foothills Unit Field Wildcat State New Mexico
Well No. 1 Sec. 20 T. 22-S R. 25-E Meridian NMP County ddy
Location 660 ft. [N.] of Southline and 216 ft. [W.] of East Line of Section 20 Elevation 3694 MDB
(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 August 13, 1953Title Field Superintendent

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

Commenced drilling November 29, 1952 Finished drilling August 7, 1953

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from None to None No. 4, from None to None
No. 2, from None to None No. 5, from None to None
No. 3, from None to None No. 6, from None to None

IMPORTANT WATER SANDS

No. 1, from None to None No. 3, from None to None
No. 2, from None to None No. 4, from None to None

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"	367	ARMCO	ARMCO	420'	Float	Left in hole	-	-	Surface
13-3/8"	449	ARMCO	ARMCO	69'	Float	Left in hole	-	-	Intermediate
9-5/8"	342	ARMCO	ARMCO	255'	Float	Left in hole	-	-	Intermediate
9-5/8"	442	ARMCO	ARMCO	71'	Float	Left in hole	-	-	Intermediate

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8"	22'	575 ex 45' / 575 cu. ft. down Plug	Perlite		
9-5/8"	449'	1st stage - 200 ex / 200 cu. ft. down Plug	Howso Plug		
		2nd stage - 175 ex 45' / 175 cu. ft. Perlite			

PLUGS AND ADAPTERS

Heaving plug—Material None Length None Depth set None

Adapters—Material None Size None

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from 938 feet to 15034 feet, and from None feet to None feet

Cable tools were used from 0 feet to 938 feet, and from None feet to None feet

DATES

None, 1952 Put to producing Not a producer, 1953

The production for the first 24 hours was None barrels of fluid of which None % was oil; None % emulsion; None % water; and None % sediment. Gravity, °Bé. None

If gas well, cu. ft. per 24 hours None Gallons gasoline per 1,000 cu. ft. of gas None

Rock pressure, lbs. per sq. in. None

EMPLOYEES

O. L. Hector, Driller A. v. Clement, Driller

J. P. Clement, Driller None, Driller

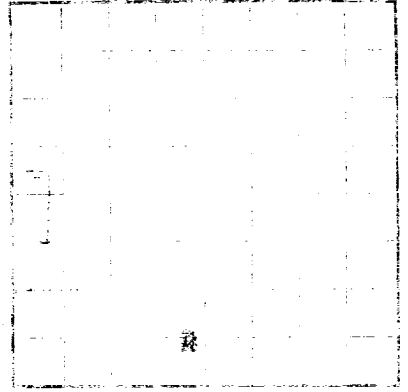
FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	190	190	Lime
190	335	145	Lime and anhydrite
335	2112	1777	Lime
2112	2670	558	Sand
2670	2779	109	Shale
2779	3067	288	Lime and shale
3067	4107	1040	Sandy shale
4107	4133	26	Black shale and chert
4133	4297	164	Sandy shale
4297	4456	159	Sandy shale and lime
4456	4500	44	Lime
4500	4542	42	Shale and chert
4542	8896	4354	Lime and shale
8896	9070	174	Lime and sand
9070	10025	955	Lime and shale
10025	10107	82	Lime shale and chert
10107	10300	193	Lime and shale
10300	10644	344	Lime, shale, and sand
10644	10782	138	Lime and shale
10782	10895	113	Shale
10895	11005	110	Lime and shale
11005	11191	186	Lime and chert
11191	11345	154	Lime and shale
11345	11460	115	Lime
11460	11736	276	Lime and chert
11736	12458	722	Line

U. S. LAND OFFICE
BUREAU OF LANDS
BUREAU OF REVENUE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



Company Name _____
Address _____
Field _____
State _____
County _____
Section _____
Twp _____
Range _____
Elev. _____
Dip _____
Strike _____
Compass _____
Magnetic _____
True _____
Signed _____
Date _____

The company on this page is for the condition of the well as above stated.
Comments of drilling _____

OIL OR GAS SANDS OR ZONES

Well from _____ to _____

of gas to well to measure. Also 375 to 450 feet from surface. No oil or gas. Volume
out of gas for 30 minutes. Rec. 840 of gas cut and, no oil or gas. Volume
to surface, weak blow of gas to surface in 4 hours 30 minutes. Rec. 840 of gas cut and, no oil or gas. Volume

D. S. T. #121 8201 to 8675, tool open 1 hour and 20 minutes. Rec. 840 of gas cut and, no oil or gas. Volume
to surface, weak blow of gas to surface in 4 hours 30 minutes. Rec. 840 of gas cut and, no oil or gas. Volume

D. S. T. #121 8345 to 8675, tool open 1 hour and 20 minutes. Rec. 840 of gas cut and, no oil or gas. Volume
to surface, weak blow of gas to surface in 4 hours 30 minutes. Rec. 840 of gas cut and, no oil or gas. Volume

D. S. T. #121 8395 to 8675, tool open 1 hour and 20 minutes. Rec. 840 of gas cut and, no oil or gas. Volume
to surface, weak blow of gas to surface in 4 hours 30 minutes. Rec. 840 of gas cut and, no oil or gas. Volume

23101 of gas to surface, tool open 1 hour and 20 minutes. Rec. 840 of gas cut and, no oil or gas. Volume
to surface, weak blow of gas to surface in 4 hours 30 minutes. Rec. 840 of gas cut and, no oil or gas. Volume

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
"disconnected" or left in the well, give its size and location. If the well has been dynamited, give date, position, and number
of shots. If plugs or bridges were put in the well, state kind of material used, position, and results of pumping or bailing.

2 hours and 15 minutes. Rec. 840 of gas cut and, no oil or gas. Volume
to surface, weak blow of gas to surface in 4 hours 30 minutes. Rec. 840 of gas cut and, no oil or gas. Volume

D. S. T. #121 10267 to 10300, tool open 1 hour and 20 minutes. Rec. 840 of gas cut and, no oil or gas. Volume
to surface, weak blow of gas to surface in 4 hours 30 minutes. Rec. 840 of gas cut and, no oil or gas. Volume

D. S. T. #121 12500 to 12535, tool open 1 hour and 20 minutes. Rec. 840 of gas cut and, no oil or gas. Volume
to surface, weak blow of gas to surface in 4 hours 30 minutes. Rec. 840 of gas cut and, no oil or gas. Volume

D. S. T. #121 12535 to 12570, tool open 1 hour and 20 minutes. Rec. 840 of gas cut and, no oil or gas. Volume
to surface, weak blow of gas to surface in 4 hours 30 minutes. Rec. 840 of gas cut and, no oil or gas. Volume

D. S. T. #121 12570 to 12605, tool open 1 hour and 20 minutes. Rec. 840 of gas cut and, no oil or gas. Volume
to surface, weak blow of gas to surface in 4 hours 30 minutes. Rec. 840 of gas cut and, no oil or gas. Volume

D. S. T. #121 12605 to 12640, tool open 1 hour and 20 minutes. Rec. 840 of gas cut and, no oil or gas. Volume
to surface, weak blow of gas to surface in 4 hours 30 minutes. Rec. 840 of gas cut and, no oil or gas. Volume

D. S. T. #121 12640 to 12675, tool open 1 hour and 20 minutes. Rec. 840 of gas cut and, no oil or gas. Volume
to surface, weak blow of gas to surface in 4 hours 30 minutes. Rec. 840 of gas cut and, no oil or gas. Volume

D. S. T. #121 12675 to 12710, tool open 1 hour and 20 minutes. Rec. 840 of gas cut and, no oil or gas. Volume
to surface, weak blow of gas to surface in 4 hours 30 minutes. Rec. 840 of gas cut and, no oil or gas. Volume

D. S. T. #121 12710 to 12745, tool open 1 hour and 20 minutes. Rec. 840 of gas cut and, no oil or gas. Volume
to surface, weak blow of gas to surface in 4 hours 30 minutes. Rec. 840 of gas cut and, no oil or gas. Volume

D. S. T. #121 12745 to 12780, tool open 1 hour and 20 minutes. Rec. 840 of gas cut and, no oil or gas. Volume
to surface, weak blow of gas to surface in 4 hours 30 minutes. Rec. 840 of gas cut and, no oil or gas. Volume

D. S. T. #121 12780 to 12815, tool open 1 hour and 20 minutes. Rec. 840 of gas cut and, no oil or gas. Volume
to surface, weak blow of gas to surface in 4 hours 30 minutes. Rec. 840 of gas cut and, no oil or gas. Volume

D. S. T. #121 12815 to 12850, tool open 1 hour and 20 minutes. Rec. 840 of gas cut and, no oil or gas. Volume
to surface, weak blow of gas to surface in 4 hours 30 minutes. Rec. 840 of gas cut and, no oil or gas. Volume

D. S. T. #121 12850 to 12885, tool open 1 hour and 20 minutes. Rec. 840 of gas cut and, no oil or gas. Volume
to surface, weak blow of gas to surface in 4 hours 30 minutes. Rec. 840 of gas cut and, no oil or gas. Volume

D. S. T. #121 12885 to 12920, tool open 1 hour and 20 minutes. Rec. 840 of gas cut and, no oil or gas. Volume
to surface, weak blow of gas to surface in 4 hours 30 minutes. Rec. 840 of gas cut and, no oil or gas. Volume

D. S. T. #121 12920 to 12955, tool open 1 hour and 20 minutes. Rec. 840 of gas cut and, no oil or gas. Volume
to surface, weak blow of gas to surface in 4 hours 30 minutes. Rec. 840 of gas cut and, no oil or gas. Volume

D. S. T. #121 12955 to 13000, tool open 1 hour and 20 minutes. Rec. 840 of gas cut and, no oil or gas. Volume
to surface, weak blow of gas to surface in 4 hours 30 minutes. Rec. 840 of gas cut and, no oil or gas. Volume

D. S. T. #121 13000 to 13035, tool open 1 hour and 20 minutes. Rec. 840 of gas cut and, no oil or gas. Volume
to surface, weak blow of gas to surface in 4 hours 30 minutes. Rec. 840 of gas cut and, no oil or gas. Volume

D. S. T. #121 13035 to 13070, tool open 1 hour and 20 minutes. Rec. 840 of gas cut and, no oil or gas. Volume
to surface, weak blow of gas to surface in 4 hours 30 minutes. Rec. 840 of gas cut and, no oil or gas. Volume

D. S. T. #121 13070 to 13105, tool open 1 hour and 20 minutes. Rec. 840 of gas cut and, no oil or gas. Volume
to surface, weak blow of gas to surface in 4 hours 30 minutes. Rec. 840 of gas cut and, no oil or gas. Volume

D. S. T. #121 13105 to 13140, tool open 1 hour and 20 minutes. Rec. 840 of gas cut and, no oil or gas. Volume
to surface, weak blow of gas to surface in 4 hours 30 minutes. Rec. 840 of gas cut and, no oil or gas. Volume

D. S. T. #121 13140 to 13175, tool open 1 hour and 20 minutes. Rec. 840 of gas cut and, no oil or gas. Volume
to surface, weak blow of gas to surface in 4 hours 30 minutes. Rec. 840 of gas cut and, no oil or gas. Volume

D. S. T. #121 13175 to 13210, tool open 1 hour and 20 minutes. Rec. 840 of gas cut and, no oil or gas. Volume
to surface, weak blow of gas to surface in 4 hours 30 minutes. Rec. 840 of gas cut and, no oil or gas. Volume

D. S. T. #121 13210 to 13245, tool open 1 hour and 20 minutes. Rec. 840 of gas cut and, no oil or gas. Volume
to surface, weak blow of gas to surface in 4 hours 30 minutes. Rec. 840 of gas cut and, no oil or gas. Volume

D. S. T. #121 13245 to 13280, tool open 1 hour and 20 minutes. Rec. 840 of gas cut and, no oil or gas. Volume
to surface, weak blow of gas to surface in 4 hours 30 minutes. Rec. 840 of gas cut and, no oil or gas. Volume

D. S. T. #121 13280 to 13315, tool open 1 hour and 20 minutes. Rec. 840 of gas cut and, no oil or gas. Volume
to surface, weak blow of gas to surface in 4 hours 30 minutes. Rec. 840 of gas cut and, no oil or gas. Volume

D. S. T. #121 13315 to 13350, tool open 1 hour and 20 minutes. Rec. 840 of gas cut and, no oil or gas. Volume
to surface, weak blow of gas to surface in 4 hours 30 minutes. Rec. 840 of gas cut and, no oil or gas. Volume

D. S. T. #121 13350 to 13385, tool open 1 hour and 20 minutes. Rec. 840 of gas cut and, no oil or gas. Volume
to surface, weak blow of gas to surface in 4 hours 30 minutes. Rec. 840 of gas cut and, no oil or gas. Volume

D. S. T. #121 13385 to 13420, tool open 1 hour and 20 minutes. Rec. 840 of gas cut and, no oil or gas. Volume
to surface, weak blow of gas to surface in 4 hours 30 minutes. Rec. 840 of gas cut and, no oil or gas. Volume