

Form 9-230

A 10x10 grid with a dot at (1,1) and a '25' at (5,5).

SERIAL NUMBER.....

LEASE OR PERMIT TO PROSPECT 0-77941

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Stanolind Oil and Gas Company Address Box 77, Hobbs, New Mexico
Lessor or Tract J. H. Fuller Field Frio Dome State New Mexico
Well No. 1 Sec. 29 T. 2 R. 502 Meridian 18N County Gray

Location 620 ft. [N.] of N. Line and 660 ft. [E.] of E. Line of Section 25 (T-4) Elevation +40
(Derrick floor relative to 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.

Date April 6, 1943 Title Field Superintendent

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

Commenced drilling ----- December 30, 1922 ----- Finished drilling ----- March 20, 1923 -----

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

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
6"	13' ± 2"	125 Sks.	WILLIAMS		
3"	10' ± 8"	500 Sks.	WILLIAMS		
5/8"	4500'	150 Sks.	WILLIAMS		

PLUGS AND ADAPTERS

Heaving plug—Material None Length Depth set
Adapters—Material None Size

SHOOTING RECORD

Shot	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
		None				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
16"	134' 2"	145 Sks.	WILLIAMS		
13"	104' 10"	400 Sks.	WILLIAMS		
8-5/8"	4700'	150 Sks.	WILLIAMS		

PLUGS AND ADAPTERS

Heaving plug—Material None Length _____ Depth set _____
Adapters—Material None Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
		None				

TOOLS USED

Rotary tools were used from 0 feet to 6747 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 Did Not % 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

Loffland Bros. Drlg. Co., Contractor, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
0	170	170	Surface Rock
170	190	20	Sand
190	250	60	Shells
250	390	140	Red Beds
390	987	597	Sandy Red Beds
987	1120	133	Shaley Sand
1120	1135	15	Hard Lime
1135	1158	23	Red Beds
1158	1200	42	Anhydrite
1200	1310	110	Salt
1310	1760	450	Anhydrite with Salt Stringers
1760	1780	20	Sand
1780	2019	239	Anhydrite with Salt Stringers
2019	2069	50	Lime - 50' - 100' beds
2069	2175	106	Salt and Anhydrite
2175	2219	44	Dolomite - 100' - 150' beds
2219	2412	193	Salt
2412	4220	1807	Hard Dolomite Anhydrite
4220	4383	143	Salt
4383	4495	132	Shale
4495	4540	45	Lime
4540	4721	11	Sand
4721	5013	1062	Salt
5013	5643	30	Shale with Granite Flash Stringers
5643	6000	357	Shale

FORMATION RECORD—Continued

[illegible]

NAME	TO	DATE	LOCATION
LOCATION RECORD			
_____ _____ _____			
EMPLOYEES			
_____ _____ _____			
TOOLS USED			
_____ _____ _____			
SHOOTING RECORD			
_____ _____ _____			
REMARKS AND COMMENTS			
_____ _____ _____			

Name		Address		City		State		County		Section		Range		Township	
SHOOTING RECORD															
Plugs and Adapters															
Drilling and Cementing Record															

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 balling.

Core No. 1 - 2420-35', recovered 13'; 10' anhydrite, 3' hard/ granular dolomite, odor gas on fresh break.

Core No. 2 - 2435-52', recovered 18'; 10' dark brown hard granular tight dolomite, good odor on fresh break, 7' hard gray to brown crystalline limestone, 1' brown granular dolomite with stain and odor.

Core No. 3 - 2452-70', recovered 17'; 1' anhydrite, 15' hard crystalline lime with streaks of stain and odor.

Core No. 4 - 2470-83', recovered 16'; 10' dolomite anhydrite, 4' limey dolomite, 2' black fine crystalline dolomite.

Drill Stem Test No. 1 - 2420-83', open 30 minutes; recovered 100' drilling mud, B.H.P. none, no show of oil or gas.

Drilled 2510-24', medium porous saccharine lime dolomite, slight odor gas, no show of oil.

Core No. 5 - 2524-42', recovered 18'; 7' brown granular dolomite, slight porosity, good odor gas, 7' anhydrite, 4' salt.

Drill Stem Test No. 2 - 2505-75', open 40 minutes; recovered 285' drilling mud, no show oil or gas.

Drilled 2630-30', brown crystalline and lime, slight to fair porosity, good odor gas.

Drill Stem Test No. 3 - 2593-2678', open 40 minutes; recovered 500' drilling mud, no show oil or gas, B.H.P. 100 pounds.

This well was drilled to total depth of 6747' in basement granite and was abandoned.

GEOLOGICAL SURVEY
DEPARTMENT OF THE INTERIOR

LEAVE ON FILE IN THE OFFICE OF THE
DIRECTOR OF THE GEOLOGICAL SURVEY
U. S. LAND OFFICE - DENVER, COLO.