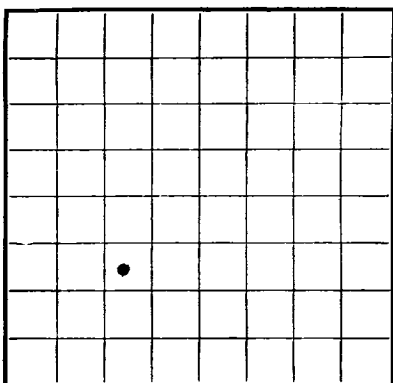




LOCATE WELL CORRECTLY

U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **076337**
LEASE OR PERMIT TO PROSPECT **W. E. Heath "A"**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Stanolind Oil & Gas Co. Address Box 591, Tulsa, Oklahoma
Lessor or Tract W. E. Heath "A" Field Blanco-Mesaverte State New Mexico
Well No. 3-X Sec. 17 T. 29N R. 9W Meridian NMPM County San Juan
Location 1791 ft. N. of E. Line and 1650 ft. E. of N. Line of Section 17 Elevation See
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 W. E. Heath Title Field Superintendent
Date March 9, 1954

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

Commenced drilling January 2, 1954 Finished drilling January 17, 1954

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3810 to 4570 (G) 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—	
<u>9-5/8"</u>	<u>32.3</u>	<u>8</u>	<u>National</u>	<u>272</u>	<u>Guide</u>				
<u>2"</u>	<u>11.7</u>	<u>8</u>	<u>J & L</u>	<u>1340</u>			<u>4343</u>	<u>4349</u>	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>9-5/8"</u>	<u>283</u>	<u>215</u>	<u>Displacement</u>		
<u>1"</u>	<u>3692</u>	<u>150</u>	<u>Displacement</u>		

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
<u>4 1/2"</u>	<u>Tin Torpedo</u>	<u>Hercules Slow</u>	<u>2179 qts.</u>	<u>1-17-54</u>	<u>3750-4592</u>	<u>4592</u>
		<u>Detonating</u>				

TOOLS USED

Rotary tools were used from 0 feet to 4592 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

January 27, 1954 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 2,326,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 1,021

EMPLOYEES

C. H. Meares, Driller W. H. Lingo, Driller
N. F. Cooper, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>283</u>	<u>283</u>	<u>Surface sand and rocks</u>
<u>283</u>	<u>2110</u>	<u>1827</u>	<u>Sand and shale</u>
<u>2110</u>	<u>2160</u>	<u>50</u>	<u>Sand (Top Pictured Cliffs - 2110')</u>
<u>2160</u>	<u>3810</u>	<u>1650</u>	<u>Shale</u>
<u>3810</u>	<u>3900</u>	<u>90</u>	<u>Sand (Top Cliffhouse - 3810')</u>
<u>3900</u>	<u>4300</u>	<u>400</u>	<u>Sand and shale (Top Manatee - 3900')</u>
<u>4300</u>	<u>4570</u>	<u>270</u>	<u>Sand (Top Point Lookout - 4300')</u>
<u>4570</u>	<u>4592</u>	<u>22</u>	<u>Shale (Top Mancos - 4570')</u>

U.S. LAND OFFICE

APPENDIX 2

ИЗДАНО ПО РАЗРЕШЕНИЮ

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

[illegible]

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 _____

Location of the well is _____ of _____ and _____ of _____

Well No. _____ Section _____ Township _____ Range _____ Meridian _____

County _____ State _____

Address _____

Company _____

Date ~~NOT SHUNT IN FOR PIPE THE CONNECTION.~~

The summary on the page is for the condition of the road as well as the condition of the road.

February 4, 1954.

Well was spudded at 8:00 AM on January 2, 1954, and drilled to a depth of 3699 feet with rotary rig. The casing was landed at 3699 feet with 350 sacks of cement. Then well was drilled to a total depth of 4592 feet with rotary rig by using gas for drilling from 3688 to 4592 feet.

to No. 8 from No. 6
to No. 4 from No. 6

50-6795
75-6000

CASING RECORD

Case no.	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cost and pulled from	From	Purpose
It is of the greatest importance to have a complete history of the well. Please state in detail the dates of reworking, together with the reasons for the work and materials. 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 pings or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.								

MUDDING AND CEMENTING RECORD

[illegible]

PLUGS AND ADAPTERS

Material	Quantity	Unit	Remarks
...	...	...	...

SHOOTING RECORD

[illegible]

TOOLS USED

Foot	of foot	Foot and hand	Foot to	Foot tools were used from
Foot	of foot	Foot and hand	Foot to	Foot tools were used from

DATA

_____ 91, _____	_____ 91, _____
_____ 91, _____	_____ 91, _____

EMPLOYEES

Officer	Officer	Officer	Officer
Officer	Officer	Officer	Officer

FORMATION RECORD

[illegible]