

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 0-00245-B
LEASE OR PERMIT TO PROSPECTUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYRECEIVED
MAY 11 1954
U. S. GEOLOGICAL SURVEY
WASHINGTON, D. C.

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Stanolind Oil and Gas Company Address Box 591, Tulsa, Oklahoma
Lessor or Tract Laura V. Hammer "A" Field Blanco-Mesa Verde State New Mexico
Well No. 1 Sec. 21T 29N 9W Meridian NMPM County San Juan
Location 590 ft. N. of 3 Line and 1090 E. of W Line of Section 21 Elevation 5626
(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 G. C. Fuller Jr.Date May 12, 1954 Title Field Engineer

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

Commenced drilling April 5, 1954 Finished drilling April 21, 1954

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3775 to 3805 No. 4, from _____
No. 2, from 4270 to 4415 No. 5, from _____
No. 3, from _____ to _____ No. 6, from _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____
No. 2, from _____ to _____ No. 4, from _____

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>239</u>	<u>Guide</u>				
<u>7"</u>	<u>20#</u>	<u>8</u>	<u>Spang</u>	<u>3693</u>	<u>Guide</u>				
<u>2-3/8"</u>	<u>4.70#</u>	<u>8</u>	<u>J & L</u>	<u>4442</u>	<u>CH OF CEMENT</u>		<u>4448</u>	<u>4454</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>252</u>	<u>190</u>	<u>Displacement</u>		
<u>7"</u>	<u>3693</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 Detonating</u>	<u>1677</u>	<u>qtz 4/18/54</u>	<u>3750-4480</u>	<u>4480</u>

TOOLS USED

Rotary tools were used from 0 feet to 4480 feet, and from _____ feet to _____ feet

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

DATES

_____ April 29, 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 4,700,000 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 1060

EMPLOYEES

_____ G. R. Mears _____, Driller _____ W. H. Lingo _____, Driller_____ N. P. Cooper _____, Driller _____ _____, Driller

FORMATION RECORD

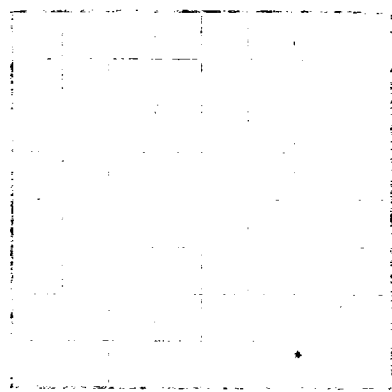
FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>252</u>	<u>252</u>	<u>Surface Sand and Boulders</u>
<u>252</u>	<u>2710</u>	<u>2458</u>	<u>Sand and Shale</u>
<u>2710</u>	<u>2800</u>	<u>90</u>	<u>Pictured Cliffs (Sand)</u>
<u>2800</u>	<u>3775</u>	<u>975</u>	<u>Sand and Shale</u>
<u>3775</u>	<u>3805</u>	<u>30</u>	<u>Cliffhouse (Sand)</u>
<u>3805</u>	<u>4270</u>	<u>465</u>	<u>Mancos (Shale)</u>
<u>4270</u>	<u>4415</u>	<u>145</u>	<u>Point Lookout (Sand)</u>
<u>4415</u>	<u>4480</u>	<u>65</u>	<u>Mancos (Shale)</u>

[OVER]

LOG OF OIL OR GAS WELL

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UNITED STATES



The well was spudded at 7:45 P.M., April 5, 1954, and drilled to a depth of 3693 feet with rotary rig. The 2nd casing was landed at 3693 feet with 150 sacks of cement. Then well was drilled to a total depth of 4480 feet with rotary rig by using gas for drilling from 3693 to 4480 feet. The well was shot from 3750 to 4480 feet open with 1677 quarts of Hercules 3200 Detonating explosive, April 18, 1954. The well was slotted out to total depth with gas and 2nd casing landed at 4454 feet. Well was shut-in 8 days. Shut-in casing pressure 1060 psi. Three hour potential test 4700 MCFPD, April 29, 1954.

Remarks: 5628 - RUB 5636 - GL 5615 - PBM

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 changes were made in the casing, state date, size, position, 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

FROM-	TO-	TOTAL FEET	FORMATION
0	3693	3693	FLUENT SAND
3693	4480	4480	FLUENT SAND
4480	4700	4700	FLUENT SAND
4700	4800	4800	FLUENT SAND
4800	4900	4900	FLUENT SAND
4900	5000	5000	FLUENT SAND
5000	5100	5100	FLUENT SAND
5100	5200	5200	FLUENT SAND
5200	5300	5300	FLUENT SAND
5300	5400	5400	FLUENT SAND
5400	5500	5500	FLUENT SAND
5500	5600	5600	FLUENT SAND
5600	5700	5700	FLUENT SAND
5700	5800	5800	FLUENT SAND
5800	5900	5900	FLUENT SAND
5900	6000	6000	FLUENT SAND
6000	6100	6100	FLUENT SAND
6100	6200	6200	FLUENT SAND
6200	6300	6300	FLUENT SAND
6300	6400	6400	FLUENT SAND
6400	6500	6500	FLUENT SAND
6500	6600	6600	FLUENT SAND
6600	6700	6700	FLUENT SAND
6700	6800	6800	FLUENT SAND
6800	6900	6900	FLUENT SAND
6900	7000	7000	FLUENT SAND
7000	7100	7100	FLUENT SAND
7100	7200	7200	FLUENT SAND
7200	7300	7300	FLUENT SAND
7300	7400	7400	FLUENT SAND
7400	7500	7500	FLUENT SAND
7500	7600	7600	FLUENT SAND
7600	7700	7700	FLUENT SAND
7700	7800	7800	FLUENT SAND
7800	7900	7900	FLUENT SAND
7900	8000	8000	FLUENT SAND
8000	8100	8100	FLUENT SAND
8100	8200	8200	FLUENT SAND
8200	8300	8300	FLUENT SAND
8300	8400	8400	FLUENT SAND
8400	8500	8500	FLUENT SAND
8500	8600	8600	FLUENT SAND
8600	8700	8700	FLUENT SAND
8700	8800	8800	FLUENT SAND
8800	8900	8900	FLUENT SAND
8900	9000	9000	FLUENT SAND
9000	9100	9100	FLUENT SAND
9100	9200	9200	FLUENT SAND
9200	9300	9300	FLUENT SAND
9300	9400	9400	FLUENT SAND
9400	9500	9500	FLUENT SAND
9500	9600	9600	FLUENT SAND
9600	9700	9700	FLUENT SAND
9700	9800	9800	FLUENT SAND
9800	9900	9900	FLUENT SAND
9900	10000	10000	FLUENT SAND