

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Continental Oil Company Address Box 427, Hobbs, New Mexico
Lessor or Tract W. P. Thurmon No. 1 Field Wildcat State New Mexico
Well No. 1 Sec. 11 T. 16S R. 27E Meridian N.M.P.M. County Lea
Location 660 ft. XX of N Line and 660 ft. XX of E Line of Section 11 Elevation 3669
(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 [Signature]Date November 8, 1951 Title Asst. Dist. Supt.

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

Commenced drilling December 19,, 1950 Finished drilling June 19,, 1951

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 _____ 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>13 3/8</u>	<u>54.5</u>	<u>8R</u>	<u>J-55</u>	<u>130</u>	<u>Guide</u>				
<u>9 5/8</u>	<u>38</u>	<u>8R</u>	<u>J-55</u>	<u>1490</u>	<u>G. shoe and P. collar</u>				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>10 3/4</u>	<u>134</u>	<u>140</u>	<u>Pump & Plug</u>		
<u>9 5/8</u>	<u>1627</u>	<u>707</u>	<u>Pump & Plug</u>		

For plugging data, see reverse side.

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>None</u>						

TOOLS USED

Rotary tools were used from 0 feet to 10,770 feet, and from _____ feet to _____ feet

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

DATES

Plugged and abandoned July 9,, 1951 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 _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

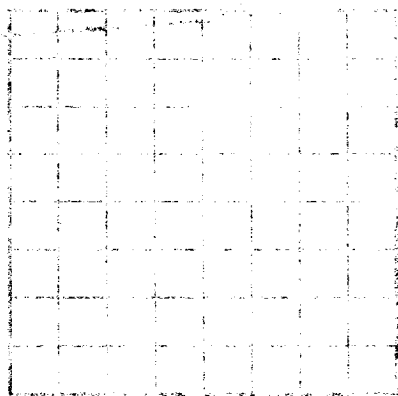
_____High Ingram_____, Driller _____N. T. Coleman_____, Driller_____Otha Ward_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>975</u>	<u>975</u>	<u>Anhydrite with lime streaks.</u>
<u>975</u>	<u>1333</u>	<u>358</u>	<u>Anhydrite, shale and lime.</u>
<u>1333</u>	<u>1490</u>	<u>157</u>	<u>Anhydrite and lime.</u>
<u>1490</u>	<u>1628</u>	<u>138</u>	<u>Anhydrite, dolomite and lime.</u>
<u>1628</u>	<u>3200</u>	<u>1572</u>	<u>Lime and sand streaks.</u>
<u>3200</u>	<u>3345</u>	<u>145</u>	<u>Dolomite and chert streaks.</u>
<u>3345</u>	<u>4000</u>	<u>655</u>	<u>Lime and chert.</u>
<u>4000</u>	<u>4969</u>	<u>969</u>	<u>Lime, dolomite with chert and sand streaks.</u>
<u>4969</u>	<u>5108</u>	<u>139</u>	<u>Dolomite and shale streaks.</u>
<u>5108</u>	<u>5411</u>	<u>303</u>	<u>Shale, gyp, streaks reddish.</u>
<u>5411</u>	<u>5498</u>	<u>87</u>	<u>Anhydrite, gyp and shale.</u>
<u>5498</u>	<u>5540</u>	<u>42</u>	<u>Dolomite and gyp.</u>
<u>5540</u>	<u>5647</u>	<u>107</u>	<u>Anhydrite, gyp and shale streaks.</u>
<u>5647</u>	<u>6335</u>	<u>688</u>	<u>Dolomite with chert streaks.</u>
<u>6335</u>	<u>9537</u>	<u>3202</u>	<u>Lime, chert and shale streaks.</u>
<u>9537</u>	<u>10,755</u>	<u>1218</u>	<u>Lime, chert and dolomite.</u>
<u>10,755</u>	<u>10,770</u>	<u>15</u>	<u>Granite wash.</u>

REPORT ON THE PROGRESS OF THE WORK

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
UNITED STATES



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, 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

U. S. GOVERNMENT PRINTING OFFICE
16-43094-1

FROM-	TO-	TOTAL FEET	FORMATION																								
DST #1, 1649-1710', open 1 hour, light blow air for 10 minutes, recovered 8' mud.	DST #2, 2160-2190', open 1 hour, light blow air, recovered 50' drilling mud.	DST #3, 6315-6345', open 70 minutes, light blow air for 3 minutes, recovered 30' very light gas-cut mud.	DST #4, 7178-7221', open 90 minutes, light blow air throughout test. Recovered 15' heavily gas-cut mud. No pressure.	DST #5, 7296-7330', open 1 hour 10 minutes, light blow air throughout test. Recovered 15' heavily gas-cut mud. No pressure.	DST #6, 7336-7431', open 3 hours, light blow air throughout test. Recovered 60' oil and gas-cut mud, 130' salt water. No pressure.	DST #7, 8215-8266', open 3 hours, gas in 23 minutes, 4.2 MCF. Flowing BHP 150#.	DST #8, 8486-8525', open 1 1/2 hours, recovered 40' slightly gas-cut mud, no pressure, no oil or water. Gas when at 8493'.	DST #9, 8548-8628', open 1 1/2 hours, recovered 30' heavily gas-cut mud, no pressure.	DST #10, 8755-8802', open 1 1/2 hours, recovered 40' heavily gas-cut mud (18,000 PPM salt).	DST #11, 9549-9593', open 1 hour, light blow air for 7 minutes, died. Recovered 10' mud, with 1000' water blanketing, flowing BHP 500#, shut-in BHP 1250#.	DST #12, 9593-9631', open 30 minutes, recovered 2' drilling mud. Light blow air for 1 minute. Shut-in BHP 1700#.	DST #13, 9819-9915', open 1 1/2 hours. Recovered 7500' salt water. Flowing BHP 1050-9725#. Shut-in 4100#.	DST #14, 10,316-10,371', open 8 hours, light blow air for 40 minutes, died. Recovered 40' drilling mud, no flowing pressure. Shut-in BHP 3600#.	DST #15, 10,370-10,447', open 4 1/2 minutes, weak blow air for 20 seconds. Recovered 1750' water blanket, plus 105' salt water and slight salty water-cut drilling mud. No flowing pressure. Shut-in BHP 4000#.	DST #16, 10,447-10,581', open 1 1/2 hours, good blow air throughout test. Recovered 480' salty sulphur water, no oil, or gas. Flowing BHP 900-1075#. Shut-in BHP 5900#.	DST #17, 10,580-10,770', open 30 minutes. Light blow air for 13 minutes. Recovered 1900' water blanket and 30' drilling mud. No flowing pressure. Shut-in BHP 2975#.	9 5/8" casing was shot and pulled 497'.		Well was plugged back with the following cement plugs, each 100' with 40 sacks:		10,670-10,770'	10,230-10,330'	9480-9580'	6690-6790'	1580-1680'	450-550'	0-50'