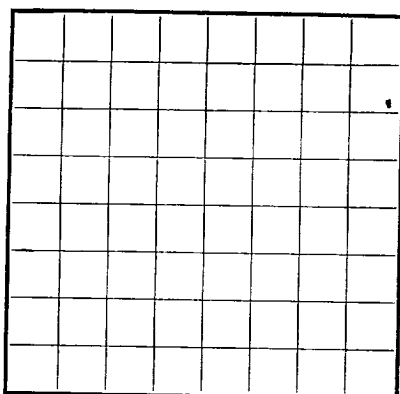




LOCATE WELL CORRECTLY

RECEIVED

JUN 17 1960

U. S. GEOLOGICAL SURVEY UNITED STATES
ARTESIA, NEW MEXICO

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

New Mexico
U. S. LAND OFFICE
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECT

JUN 20 1960

D. C. C.
ARTESIA, OFFICE

LOG OF OIL OR GAS WELL

Company Southwestern, Inc. Address Box 1116 Lovington, New Mexico
Lessor or Tract Southern Cal. Pet. Corp. Field Undesignated State New Mexico
Well No. 1 Sec. 14 T. 19S R. 30E Meridian NMPM County Eddy
Location 2310 ft. 5 of N Line and 330 ft. 14 of E Line of Sec 14 Elevation 3370
(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

Frank C. BeardTitle Office ManagerDate June 16, 1960

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

Commenced drilling May 15, 1960 Finished drilling June 2, 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2097 to 2102 No. 4, from _____ to _____
No. 2, from 2110 to 2136 No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 200 to 205 No. 3, from _____ to _____
No. 2, from 300 to 305 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>8-5/8</u>	<u>28#</u>	<u>8 Rd.</u>	<u>Used</u>	<u>558'</u>	<u>HOMCO</u>	<u>- - -</u>	<u>- -</u>	<u>- -</u>	<u>Shut Off H2O</u>
<u>5-1/2</u>	<u>17#</u>	<u>8 Rd.</u>	<u>Grade H</u>	<u>2136'</u>	<u>Larkin</u>		<u>2098</u>	<u>2104</u>	<u>Oil String</u>
							<u>2110</u>	<u>2120</u>	
							<u>2122</u>	<u>2130</u>	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8-5/8</u>	<u>558'</u>	<u>75 sacks</u>	<u>Halliburton</u>	<u>- -</u>	<u>- -</u>
<u>5-1/2</u>	<u>2136'</u>	<u>270 sacks</u>	<u>Halliburton</u>	<u>- -</u>	<u>- -</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

TOOLS USED

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

May 151960

DATES

Put to producing June 11, 1960

The production for the first 24 hours was 45 barrels of fluid of which 100 % was oil; 0 %
emulsion; 0 % water; and 0 % sediment. Gravity, °Bé. 33.6

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

Roy Hill

EMPLOYEES

Jack BurrowsMelvin H Crabb

Driller

Driller

Driller

Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>25</u>	<u>25</u>	<u>Clent. Clay</u>
<u>25</u>	<u>160</u>	<u>135</u>	<u>Red Bed</u>
<u>160</u>	<u>235</u>	<u>75</u>	<u>Red Shale</u>
<u>235</u>	<u>250</u>	<u>15</u>	<u>Anhydrite</u>
<u>250</u>	<u>285</u>	<u>35</u>	<u>Anhydrite and Gyp</u>
<u>285</u>	<u>320</u>	<u>35</u>	<u>Anhydrite & Line</u>
<u>320</u>	<u>415</u>	<u>95</u>	<u>Anhydrite</u>
<u>415</u>	<u>435</u>	<u>20</u>	<u>Line</u>
<u>435</u>	<u>470</u>	<u>35</u>	<u>Anhydrite</u>
<u>470</u>	<u>500</u>	<u>30</u>	<u>Line, Shale & Anhydrite</u>
<u>500</u>	<u>520</u>	<u>20</u>	<u>Red Shale</u>
<u>520</u>	<u>540</u>	<u>20</u>	<u>Anhydrite</u>
<u>540</u>	<u>1650</u>	<u>1110</u>	<u>Salt</u>
<u>1650</u>	<u>1685</u>	<u>35</u>	<u>Salt & Polyhalite</u>
<u>1685</u>	<u>1905</u>	<u>220</u>	<u>Anhydrite</u>
<u>1905</u>	<u>1950</u>	<u>45</u>	<u>Line & Anhydrite with Shale Breakers</u>
<u>1950</u>	<u>1990</u>	<u>40</u>	<u>Broken Anhydrite</u>
<u>1990</u>	<u>2000</u>	<u>10</u>	<u>Sandy Shale</u>
<u>2000</u>	<u>2016</u>	<u>16</u>	<u>Gray Sand</u>
<u>2016</u>	<u>2062</u>	<u>46</u>	<u>Anhydrite</u>
<u>2062</u>	<u>2070</u>	<u>8</u>	<u>Brown Line</u>
<u>2070</u>	<u>2087</u>	<u>17</u>	<u>Broken Line</u>
<u>2087</u>	<u>2094</u>	<u>7</u>	<u>Gray Line</u>
<u>2094</u>	<u>2100</u>	<u>6</u>	<u>Brown Sandy Line</u>
<u>2100</u>	<u>2104</u>	<u>4</u>	<u>Sand</u>
<u>2104</u>	<u>2112</u>	<u>8</u>	<u>Line</u>
<u>2112</u>	<u>2136</u>	<u>24</u>	<u>Sand</u>

[OVER]

[illegible]

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 bailing.

HISTORY OF OIL OR GAS WELL

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