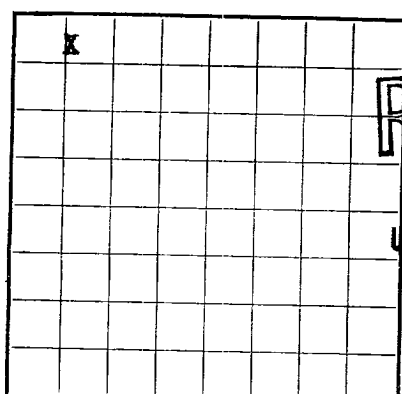




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U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICOUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYLas Cruces
U. S. LAND OFFICE
SERIAL NUMBER 029406 b
LEASE OR PERMIT TO PROSPECTRECEIVED
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O. C. C.
ARTESIA, OFFICE

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Continental Oil Company Address Rowley Bldg., Artesia, New Mexico
Lessor or Tract Grace Mitchell B Field Robinson State New Mexico
Well No. 1 Sec. 6 T. 17S R. 32E Meridian N.M.P.M. County Lea
Location 660 ft. N. of N Line and 660 ft. E. of W Line of Section 6 Elevation 4069
(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 _____

Date 1-9-61Title District Superintendent

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

Commenced drilling 4-26, 19 60 Finished drilling 5-10, 19 60

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3705 to 4136 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>7 5/8</u>	<u>24</u>	<u>8rd</u>	<u>H-40</u>	<u>356</u>	<u>Guide Shoe</u>				
<u>4 1/2</u>	<u>9.52</u>	<u>8rd</u>	<u>J-55</u>	<u>4160</u>	<u>Guide Shoe & Float Collar</u>				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>7 5/8</u>	<u>368</u>	<u>350</u>	<u>Pump & Plug</u>		
<u>4 1/2</u>	<u>4140</u>	<u>1200</u>	<u>Pump & Plug</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

USG-4 MAM File

TOOLS USED

Rotary tools were used from 0 feet to 4155 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

Dry Hole. Abandoned but not plugged DATES

_____, 19 12-30-60 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

C. B. Henderson, Driller Marshal Johnson, Driller
R. W. Shields, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>950</u>	<u>950</u>	<u>Surface sands, red beds, anhydrite</u>
<u>950</u>	<u>2010</u>	<u>1060</u>	<u>Salt</u>
<u>2010</u>	<u>2151</u>	<u>141</u>	<u>Anhydrite, Red shale</u>
<u>2151</u>	<u>2380</u>	<u>229</u>	<u>Sand, Red shale, Anhydrite</u>
<u>2380</u>	<u>2470</u>	<u>90</u>	<u>Anhydrite, Dolomite, Red shale</u>
<u>2470</u>	<u>2660</u>	<u>190</u>	<u>Anhydrite, trace of sand</u>
<u>2660</u>	<u>3090</u>	<u>430</u>	<u>Anhydrite, Dolomite</u>
<u>3090</u>	<u>3250</u>	<u>160</u>	<u>Sand, Dolomite, Anhydrite, Red Shale</u>
<u>3250</u>	<u>3660</u>	<u>410</u>	<u>Anhydrite, Dolomite, Red Shale</u>
<u>3660</u>	<u>3800</u>	<u>140</u>	<u>Dolomite, Sand, Anhydrite</u>
<u>3800</u>	<u>3835</u>	<u>35</u>	<u>Sand</u>
<u>3835</u>	<u>3940</u>	<u>105</u>	<u>Dolomite</u>
<u>3940</u>	<u>3960</u>	<u>20</u>	<u>Sand</u>
<u>3960</u>	<u>4155</u>	<u>195</u>	<u>Dolomite</u>

TOPS: B/Salt 1990, Yates 2152, Seven Rivers 2464, Queen 3098, Grayburg 3520,
San Andres 3824.

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AIRMAIL OFFICE

perforated 3705-13, 3782-3836, 3850-32 3944-55, 4186-56. Tested with 500 gallons acid. 85,000 gals lease grade, 85,000 lbs sand, 5,250 lbs. Alkalis. No oil or gas encountered in commercial quantities. Failed to recover 1242 barrels lost oil. Well abandoned but not plugged 12-30-60. Completed as a dry hole in the Grayburg-San Andres formations.

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 piers 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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FORMATION RECORD—Continued