

U. S. LAND OFFICE

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company BARNY COCKBURN Address P. O. Box 105, Artesia, N. M.
Lessor or Tract Reelofs Trustee Field Undesignated State New Mexico
Well No. 1 Sec. 5 T. 18 R. 31 Meridian NMPM County Eddy
Location 1980 ft. N. of S Line and 660 ft. W. of W Line of Sec. 5-18-31 Elevation _____
(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 _____ Title Agent
Date May 7, 1957

The summary on this page is for the condition of the well at above date.
Commenced drilling February 17, 1957 Finished drilling March 15, 1957

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 3680 to 3693 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 660 to 680 No. 3, from _____ to _____
No. 2, from 3693 to 3712 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>8</u>		<u>780'</u>					
HISTORY OF OIL OR GAS WELL									

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>780'</u>	<u>50</u>	<u>Denton</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 0 feet to 4006 feet, and from _____ feet to _____ feet

DATES

Put to producing _____, 19____
_____ 19____

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____%
emulsion; _____% water; and _____% sediment.

If gas well, cu. ft. per 24 hours _____

Rock pressure, lbs. per sq. in. _____

Gravity, °Bé. _____

Gallons gasoline per 1,000 cu. ft. of gas _____

EMPLOYEES

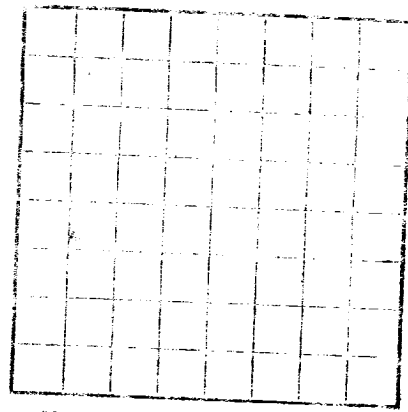
L. V. Gray, Driller V. Miller, Driller
P. F. Johnson, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>38</u>	<u>38</u>	<u>Sand - Gyp</u>
<u>38</u>	<u>230</u>	<u>192</u>	<u>Red Bed Sand</u>
<u>230</u>	<u>370</u>	<u>140</u>	<u>Gyp Red Sand</u>
<u>370</u>	<u>495</u>	<u>125</u>	<u>Shale</u>
<u>495</u>	<u>600</u>	<u>105</u>	<u>Anhy Gyp</u>
<u>600</u>	<u>660</u>	<u>60</u>	<u>Anhy</u>
<u>660</u>	<u>680</u>	<u>20</u>	<u>Water Sand</u>
<u>680</u>	<u>695</u>	<u>15</u>	<u>Anhy</u>
<u>695</u>	<u>745</u>	<u>50</u>	<u>Red Bed</u>
<u>745</u>	<u>800</u>	<u>55</u>	<u>Anhy</u>
<u>800</u>	<u>1580</u>	<u>780</u>	<u>Salt</u>
<u>1580</u>	<u>1590</u>	<u>10</u>	<u>Lime</u>
<u>1590</u>	<u>1600</u>	<u>10</u>	<u>Lime Salt</u>
<u>1600</u>	<u>1675</u>	<u>165</u>	<u>Salt</u>
<u>1675</u>	<u>2380</u>	<u>615</u>	<u>Anhy</u>
<u>2380</u>	<u>2795</u>	<u>415</u>	<u>Lime</u>
<u>2795</u>	<u>2860</u>	<u>65</u>	<u>Red Be Anhy</u>
<u>2860</u>	<u>3045</u>	<u>185</u>	<u>Lime Anhy</u>
<u>3045</u>	<u>3085</u>	<u>40</u>	<u>Sand</u>
<u>3085</u>	<u>3255</u>	<u>170</u>	<u>Lime Anhy</u>
<u>3255</u>	<u>3285</u>	<u>10</u>	<u> Bentonite</u>
<u>3285</u>	<u>3276</u>	<u>11</u>	<u>Sandy Shale Lime Shells</u>
<u>3276</u>	<u>3360</u>	<u>84</u>	<u>Lime Anhy</u>
<u>3360</u>	<u>3415</u>	<u>55</u>	<u>Red Sand</u>
<u>3415</u>	<u>3680</u>	<u>265</u>	<u>Lime</u>
<u>3680</u>	<u>3693</u>	<u>13</u>	<u>Sand (Oil Show)</u>

Approved for Release by NSA on 09-11-2013 pursuant to E.O. 13526

U.S. GEOLOGICAL SURVEY
DEPARTMENT OF THE INTERIOR
UNITED STATES



LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company _____
Location _____
Well No. _____
The information given herewith is a complete and correct record of the well and all work done thereon
no further can be determined from all available records
Signed _____
Date _____

The summary on this page is for the condition of the well at record time
Continued drilling _____
ON OR OFF PUMP ON PUMPS

No. 1 from _____
No. 2 from _____
No. 3 from _____
No. 4 from _____
No. 5 from _____
No. 6 from _____
No. 7 from _____
No. 8 from _____
No. 9 from _____
No. 10 from _____

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

U. S. GOVERNMENT PRINTING OFFICE
10-43084-2

FORMATION RECORD		LOGS USED		SHOOTING RECORD		PLUGS AND ADAPTERS		MUD LOG AND CEMENTING RECORD	
FROM-	TO-	THICKNESS	DESCRIPTION	DATE	TIME	LENGTH	DIAMETER	DATE	DESCRIPTION
3693	3718	25	Sand						
3718	3770	52	Sand						
3770	3780	10	Sand						
3780	3789	9	Sand						
3789	3840	51	Sand						
3840	3960	120	Sand						
3960	4005	45	Sand						
TOTAL FEET									