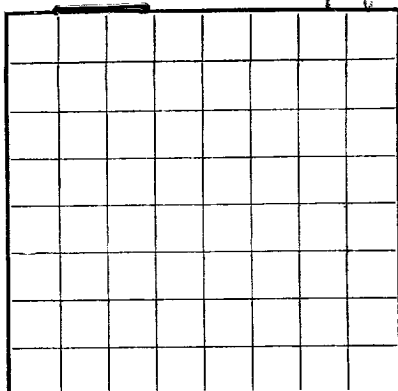


Santa Fe
U. S. LAND OFFICE
SERIAL NUMBER NM 011894-A
LEASE OR PERMIT TO PROSPECT

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
RECEIVED
GEOLOGICAL SURVEY

FEB 21 1962

U. S. GEOLOGICAL SURVEY
ARTESIAN WELLSRECEIVED
FEB 27 1962
O. C. C.
ARTESIAN OFFICE

LOG OF OIL OR GAS WELL

Company Olen Featherstone Address Roswell New Mexico
Lessor or Tract Chaney Trust Field Red Lake State New Mexico
Well No. 1 Sec. 14 T. 17S R. 28E Meridian N. M. P. M. County Eddy
Location 990 ft. N. of S. Line and 1650 ft. E. of W. Line of Sec. 14 Elevation 3642'
(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 Charles W. HickerDate February 20, 1962Title Production Manager

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

Commenced drilling December 20, 1961 Finished drilling January 15, 1962

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2086' to 2105' No. 4, from _____ to _____
No. 2, from 2120' to 2133' No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 100' to 110' 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>8 5/8</u>	<u>24#</u>	<u>8 rd</u>	<u>CE&I</u>	<u>450'</u>	<u>Pattern</u>	<u>450'</u>			<u>Surface</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>450'</u>		<u>Mud</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 2142' feet, and from _____ feet to _____ feet

DATES

_____, 19____ 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

H. T. Marshall, Driller R. C. Jacobs, Driller
Buckhart, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0'</u>	<u>220'</u>	<u>220'</u>	<u>Red beds</u>
<u>220'</u>	<u>430'</u>	<u>210'</u>	<u>Halite</u>
<u>430'</u>	<u>605'</u>	<u>175'</u>	<u>Anhydrite</u>
<u>605'</u>	<u>810'</u>	<u>210'</u>	<u>Anhydrite, dolomite, siltstones (605' Top Yates</u>
<u>810'</u>	<u>1380'</u>	<u>570'</u>	<u>Anhydrite, dolomite, siltstone & shale</u>
			<u>(810' Top Seven Rivers)</u>
<u>1380'</u>	<u>1800'</u>	<u>420'</u>	<u>Anhydrite, dolomite, sand shale and</u>
			<u>siltstone (1380' Top Queen)</u>
<u>1800'</u>	<u>2133'</u>	<u>333'</u>	<u>Dolomite, sand anhydrite, shale (1800' Top</u>
			<u>Grayburg)</u>
<u>2133'</u>	<u>2142'</u>	<u>9'</u>	<u>Dolomite white (2133' Top San Andres)</u>

*** Attached Copies of Detail Logs.