

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 070251
LEASE OR PERMIT TO PROSPECT _____
Yates-Donohue Federal #1UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Harvey E. Yates Address 303 Booker Bldg., Artesia, N. M.
Lessor or Tract Donohue Field Wildcat State New Mexico
Well No. 1 Sec. 19 T. 18S R. 29E Meridian N.M.P.M. County Eddy
Location 1650 ft. N. of N. Line and 1650 ft. W. of W. Line of Sec 19 Elevation 3532
(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 May 16, 1955 Title Bookkeeper

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

Commenced drilling March 17, 19 55 Finished drilling May 5, 19 55OIL OR GAS SANDS OR ZONES
(Denote gas by G)No. 1, from GAS 974 to 983 No. 4, from _____ to _____
No. 2, from GAS 3020 to 3030 No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 3052 to 3062 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 1/2</u>	<u>24</u>			<u>340</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 1/2</u>	<u>340</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 3062 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

James D. Monroe, Driller _____, Driller
Roy Burkhardt, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>5</u>		<u>Sand</u>
<u>5</u>	<u>125</u>		<u>Sand & R.R.</u>
<u>125</u>	<u>275</u>		<u>R.R. Anhy & Sand</u>
<u>275</u>	<u>320</u>		<u>R.R. & Anhy</u>
<u>320</u>	<u>340</u>		<u>Salt</u>
<u>340</u>	<u>440</u>		<u>Salt</u>
<u>440</u>	<u>620</u>		<u>Salt</u>
<u>620</u>	<u>740</u>		<u>Salt</u>
<u>740</u>	<u>780</u>		<u>Anhy</u>
<u>780</u>	<u>880</u>		<u>Anhy</u>
<u>880</u>	<u>974</u>		<u>Anhy</u>
<u>974</u>	<u>980</u>		<u>Sand</u>
<u>980</u>	<u>1025</u>		<u>Anhy</u>
<u>1025</u>	<u>1140</u>		<u>Anhy & R.R.</u>
<u>1140</u>	<u>1265</u>		<u>Anhy, Broken</u>
<u>1265</u>	<u>1340</u>		<u>Anhy & Lime Shells</u>
<u>1340</u>	<u>1460</u>		<u>" " "</u>
<u>1460</u>	<u>1520</u>		<u>Anhy & Lime</u>
<u>1520</u>	<u>1530</u>		<u>Br. Sand</u>
<u>1530</u>	<u>1620</u>		<u>Anhy & Lime</u>
<u>1620</u>	<u>1720</u>		<u>" " " & R.R.</u>
<u>1720</u>	<u>1855</u>		<u>Broken Anhy</u>
<u>1855</u>	<u>1879</u>		<u>Anhy</u>
<u>1879</u>	<u>1920</u>		<u>Red Sand</u>
<u>1920</u>	<u>1950</u>		<u>Gray Sand & Anhy</u>
<u>1950</u>	<u>2040</u>		<u>Anhy & Lime</u>

FORMATION RECORD—Continued

