

U. S. LAND OFFICE Las Curces
SERIAL NUMBER 028772 (a)
LEASE OR PERMIT TO PROSPECT _____
DunnUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Malco Resler Yates Address Artesia, New Mexico (Carner Bldg)
Lessor or Tract Dunn "A" Field Loce Hills State New Mexico
Well No. 1 Sec. 12 T. 18S R. 28E Meridian N.E.P.M. County Eddy
Location 1980 (N.) of N Line and 1980 (E) of E Line of Section 12 Elevation 3627
(Denote 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 VILAS P. SHELDON
Title SECRETARY OPERATING COMMITTEEDate December 20, 1949

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

Commenced drilling October 9, 1949 Finished drilling December 20, 1949

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2495 to 2545 No. 4, from _____ to _____
No. 2, from 2675 to 2643 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>8 5/8</u>	<u>28</u>	<u>8</u>	<u>S.H.</u>	<u>380</u>	<u>T.P.</u>	<u>Surface</u>			<u>surface</u>
<u>7</u>	<u>20</u>	<u>8</u>	<u>S.H.</u>	<u>1150</u>	<u>T.P.</u>	<u>1150</u>			<u>cave string</u>
<u>5 1/2</u>	<u>14</u>	<u>8</u>	<u>J&L</u>	<u>2220</u>	<u>float</u>	<u>2220</u>			<u>oil string</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>810</u>	<u>250</u>	<u>Halliburton</u>		
<u>5 1/2</u>	<u>2220</u>	<u>200</u>	<u>Halliburton</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
<u>3 1/2</u>		<u>nitroglycerine</u>	<u>300 qts</u>	<u>12/10</u>	<u>2493-2650</u>	<u>2650</u>

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 3102 feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing December 19, 1949The production for the first 24 hours was 60 barrels of fluid of which 100 % 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

R. C. Jacobs, Driller C. V. Miller, Driller
W. J. Cluney, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>170</u>		<u>Red bed</u>
<u>170</u>	<u>375</u>		<u>anhydrite and red bed</u>
<u>375</u>	<u>760</u>		<u>salt</u>
<u>760</u>	<u>1060</u>		<u>anhydrite</u>
<u>1060</u>	<u>1150</u>		<u>anhydrite and red rock</u>
<u>1150</u>	<u>1215</u>		<u>anhydrite</u>
<u>1215</u>	<u>1218</u>		<u>grey lime</u>
<u>1218</u>	<u>1280</u>		<u>anhydrite and lime shells</u>
<u>1280</u>	<u>1894</u>		<u>anhydrite</u>
<u>1894</u>	<u>1933</u>		<u>anhydrite and red sand</u>
<u>1933</u>	<u>1941</u>		<u>red sand</u>
<u>1941</u>	<u>1973</u>		<u>lime and anhydrite</u>
<u>1973</u>	<u>2055</u>		<u>anhydrite</u>
<u>2055</u>	<u>2080</u>		<u>grey lime</u>
<u>2080</u>	<u>2110</u>		<u>anhydrite</u>
<u>2110</u>	<u>2150</u>		<u>lime</u>
<u>2150</u>	<u>2188</u>		<u>grey sand</u>
<u>2188</u>	<u>2200</u>		<u>anhydrite and red sand</u>
<u>2200</u>	<u>2225</u>		<u>anhydrite</u>
<u>2225</u>	<u>2351</u>		<u>grey lime</u>
<u>2351</u>	<u>2377</u>		<u>sandy lime</u>
<u>2377</u>	<u>2415</u>		<u>grey lime</u>
<u>2415</u>	<u>2420</u>		<u>pink lime</u>
<u>2420</u>	<u>2509</u>		<u>grey lime</u>
<u>2509</u>	<u>2530</u>		<u>pink lime</u>
<u>2530</u>	<u>2545</u>		<u>sand</u>

FORMATION RECORD—Continued

FROM	TO	TOTAL FEET	FORMATION
2545	2586		lime
2586	2595		grey sand
2595	2610		pink lime
2610	2650		grey sand
2650	2793		white lime
2793	2825		grey sand
2825	3102		lime
3102	TOTAL DEPTH		

HISTORY OF OIL OR GAS WELL

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.

14-00000

200' 2" PLUM	100' 0" PLUM	200' 2" PLUM	100' 0" PLUM
200' 2" PLUM	100' 0" PLUM	200' 2" PLUM	100' 0" PLUM

HABONHANI AVLEK SAMES

$ZC_2^{(1)}(HOM)$	$\frac{1}{2} \frac{1}{\sqrt{2}}$	$\frac{1}{2} \frac{1}{\sqrt{2}}$	$ZC_2^{(2)}(HOM)$	$\frac{1}{2} \frac{1}{\sqrt{2}}$	$\frac{1}{2} \frac{1}{\sqrt{2}}$
$ZC_2^{(1)}(POL)$	$\frac{1}{2} \frac{1}{\sqrt{2}}$	$\frac{1}{2} \frac{1}{\sqrt{2}}$	$ZC_2^{(2)}(POL)$	$\frac{1}{2} \frac{1}{\sqrt{2}}$	$\frac{1}{2} \frac{1}{\sqrt{2}}$

(Designs may vary.)

DIG OR CAS SANDS OR SORES

(Designs may vary.)

The statement on the left is not the conclusion of the argument.

20 JUL 82 0410 PM CINCINNATI MOBILE 87 74311155 660400Z

The information given herein is a complete and correct record of the [redacted] of [redacted]
[redacted] at [redacted] of [redacted] of [redacted]

[illegible]

CONFIDENTIAL

[illegible]

ГЕОЛОГИЧ. СЪВЕТА

[illegible]

INVESTIGATION OF LEADERS TO IMPROVE...
PERIODIC REPORTS ON PROGRESS...

FOUO 8-550