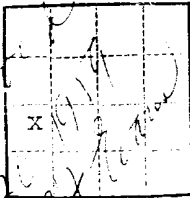


ARTESIA OFFICE COPY
(SUBMIT IN TRIPLICATE)

Budget Bureau 42-R358.3.
Approval expires 12-31-55.



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Las Cruces
Lease No. 037777(a)
Unit Levers

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	Clean out and fracture

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

January 15, 1959
Levers
Well No. 2 is located 1980 ft. from NW line and 660 ft. from E line of sec. 33
NW 1/4 Sec. 33 16S. 29E. N.M.P.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Forest Eddy New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is _____ ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Plan to enter hole drill out bridge at 2250', clean out to bottom and treat well with sand oil.

RECEIVED
JAN 20 1959
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Highland Corporation

Address West Grand

Artesia, New Mexico

By /s/ Harold Kersey

Title Agent

Form 9-330

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 037777(a)
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY
Originally C. S. Powell & J. W. Matthews
Company Highland Corporation Address P. O. Box 305, Artesia, New Mexico
Lessor or Tract Forest E. Levers Field _____ State New Mexico
Well No. 2 Sec. 33 T. 16SR. 29E Meridian N.M.P.M. County Eddy
Location 1280 ft. S. of _____ Line and 660 ft. W. of _____ Line of Section 33 Elevation 3597
(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 /s/ Powell & Matthews

Date _____ Title _____

The summary on this page is for the condition of the well at above date.
Commenced drilling March 16, 19 40 Finished drilling August 25, 19 40

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

No. 1, from 2255 to 2260 No. 4, from _____ to _____
No. 2, from 2481 to 2502 (shows) No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 1660 to 1680 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 1/4"</u>	<u>28</u>	<u>6</u>	<u>Nat.</u>	<u>328</u>	<u>Texas</u>				<u>Top of salt</u>
<u>7" OD</u>	<u>20</u>	<u>10 1/2</u>	<u>"</u>	<u>1695</u>	<u>Okla.</u>	<u>pulled all</u>			<u>Shut off water</u>
<u>5 1/2"</u>	<u>17</u>	<u>11 1/2</u>	<u>"</u>	<u>2191</u>	<u>"</u>				<u>Top of pay</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8 1/4"</u>	<u>328</u>	<u>50</u>	<u>Halliburton</u>	<u>12 lb.</u>	<u>20 sacks</u>
<u>7" OD</u>	<u>1695</u>			<u>12</u>	<u>3 tons</u>
<u>5 1/2"</u>	<u>2191</u>	<u>100</u>	<u>"</u>		<u>3 tons</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>4"</u>		<u>Nitro</u>	<u>40 qt.</u>	<u>7-1</u>	<u>2481-2502</u>	<u>2502</u>
<u>4"</u>		<u>"</u>	<u>30</u>	<u>8-23</u>	<u>2250</u>	<u>2260</u>

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from entirely feet to _____ 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

J. W. Matthews, Driller John Coats, Driller
C. S. Powell, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>10</u>	<u>10</u>	<u>Caliche</u>
<u>10</u>	<u>115</u>	<u>105</u>	<u>Red Beds</u>
<u>115</u>	<u>125</u>	<u>10</u>	<u>Sand and gravel</u>
<u>125</u>	<u>276</u>	<u>151</u>	<u>Red beds</u>
<u>276</u>	<u>690</u>	<u>414</u>	<u>Salt</u>
<u>690</u>	<u>1660</u>	<u>970</u>	<u>Anhy with occasional red rock trace</u>
<u>1660</u>	<u>1680</u>	<u>20</u>	<u>Red sand, water at 1665</u>
<u>1680</u>	<u>1875</u>	<u>195</u>	<u>Anhy</u>
<u>1875</u>	<u>1883</u>	<u>8</u>	<u>Gray sandy lime-oil show</u>
<u>1883</u>	<u>2055</u>	<u>172</u>	<u>Anhy</u>
<u>2055</u>	<u>2060</u>	<u>5</u>	<u>Green shale</u>
<u>2060</u>	<u>2255</u>	<u>195</u>	<u>Gray lime-62,000 MF gas at 2255</u>
<u>2255</u>	<u>2270</u>	<u>15</u>	<u>Gray lime</u>
<u>2270</u>	<u>2307</u>	<u>37</u>	<u>Broken lime</u>
<u>2307</u>	<u>2480</u>	<u>173</u>	<u>Hard lime gray</u>
<u>2480</u>	<u>2502</u>	<u>122</u>	<u>White lime - oil show at 2481 and 2493</u>
<u>2502</u>	<u>2505</u>	<u>3</u>	<u>Hard White lime TD</u>

[OVER]

FROM—	TO—	TOTAL FEET	FORMATION
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—OL

TOTAL FEET

FORMATION

[illegible]

16-48094-2 U. S. GOVERNMENT PRINTING OFFICE

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.