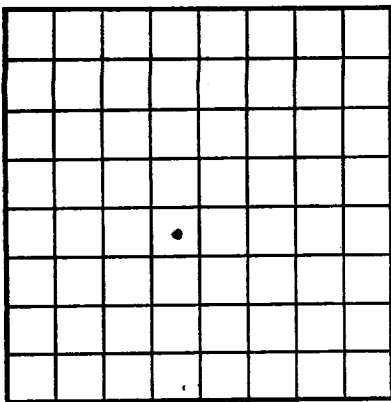


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 057798
LEASE OR PERMIT TO PROSPECT Lease

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

30-015-00631

Company Paton Bros. Address Artesia, New Mexico
Lessor or Tract Magruder Field Empire State N. Mex.
Well No. 3 Sec. 35 T. 17S R. 27E Meridian NMPM County Eddy
Location 2310 ft. N of X Line and 2310 ft. E of W Line of Sec. 35 Elevation _____
(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 /s/ L. B. FeatherDate Dec. 3, 1941Title Secretary

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

Commenced drilling Nov. 10, 1941 Finished drilling Nov. 14, 1941

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 407 to 438 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 None 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"</u>	<u>28#</u>	<u>8</u>	<u>Lapweld</u>	<u>405'</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"</u>	<u>405'</u>	<u>25</u>	<u>Halliburton</u>		<u>6 sacks Aquagell</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>Acidized with 1000 gallons 15% acid from 407' to 438'</u>						

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 441 feet, and from _____ feet to _____ feet

DATES

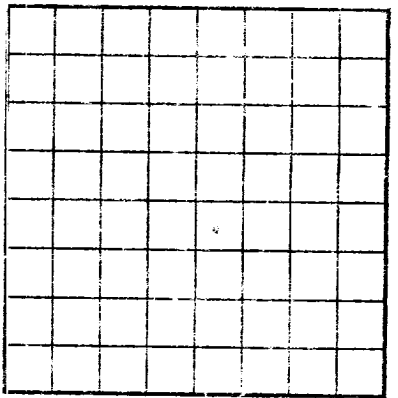
Put to producing Nov. 26, 1941
The production for the first 24 hours was 100 barrels of fluid of which 100 % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 36
If gas well, cu. ft. per 24 hours slight Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

W. H. Willey, Driller T. L. Fulton, Driller
M. K. Clark, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>30</u>	<u>30</u>	<u>Red rock</u>
<u>31</u>	<u>60</u>	<u>30</u>	<u>Caliche</u>
<u>61</u>	<u>95</u>	<u>35</u>	<u>Gyp</u>
<u>96</u>	<u>120</u>	<u>25</u>	<u>Anhydrite & Gyp</u>
<u>121</u>	<u>195</u>	<u>75</u>	<u>Red rock</u>
<u>196</u>	<u>265</u>	<u>70</u>	<u>Red rock and Anhydrite</u>
<u>266</u>	<u>370</u>	<u>105</u>	<u>Anhydrite</u>
<u>371</u>	<u>400</u>	<u>30</u>	<u>Anhydrite & Lime</u>
<u>401</u>	<u>405</u>	<u>5</u>	<u>Anhydrite</u>
<u>406</u>	<u>420</u>	<u>15</u>	<u>Lime (Oil)</u>
<u>421</u>	<u>425</u>	<u>5</u>	<u>Blue Shale</u>
<u>426</u>	<u>429</u>	<u>4</u>	<u>Anhydrite</u>
<u>430</u>	<u>435</u>	<u>6</u>	<u>Lime (Oil)</u>
<u>436</u>	<u>438</u>	<u>3</u>	<u>Lime & Anhydrite (oil)</u>
<u>439</u>	<u>441</u>	<u>3</u>	<u>Gyp.</u>



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

GEOLOGICAL SURVEY

DEPARTMENT OF THE INTERIOR

UNITED STATES

LEASE OR PERMIT TO PROSPECT

Serial Number

U. S. Land Office

1932

of Bureau No. 42-R3541

Serial Number 11-30-40

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.

Location of well: Sec. 22, T. 12S, R. 12E, Meridian, Co., State, U.S.A.

Well No. 1

Company: Union Oil Co.

Address: 1234 Main St., Los Angeles, California

Date: Dec. 31, 1931

Signed: J. B. Johnson, Secretary

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

Completed drilling: Nov. 10, 1931

Finished drilling: Nov. 14, 1931

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 100 to 105

No. 2, from 105 to 110

No. 3, from 110 to 115

IMPORTANT WATER SANDS

No. 1, from 115 to 120

No. 2, from 120 to 125

No. 3, from 125 to 130

CASING RECORD

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 "added" 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.

Size of casing: 8"

Weight: 25 lbs.

Length: 8 ft.

Amount: 200 lbs.

Kind of case: Steel

Out and pulled from: 100 ft.

Purpose: To test for water

HISTORY OF OIL OR GAS WELL

MIDDING AND CEMENTING RECORD

Number of middings: 1

Amount of cement: 100 lbs.

Depth of casing: 100 ft.

Depth of well: 100 ft.

TOOLS AND ADAPTERS

Heaving plug: Material

Adapters: Material

Size: 8"

Length: 8 ft.

Depth of set: 100 ft.

SHOOTING RECORD

Size: 8"

Shell used: 100

Explosive used: 100

Quantity: 100

Date: Nov. 10, 1931

Depth shot: 100

Depth cleared out: 100

TOOLS USED

Rotary tools were used from 100 to 105

Cable tools were used from 105 to 110

DATES

Put to producing: Nov. 14, 1931

The production for the first 24 hours was 100 barrels of fluid of which 100% was oil.

It gas well, cu. ft. per 24 hours: 100

Rock pressure, lbs. per sq. in.: 100

Gravimetric: 100

Gallons gasoline per 1,000 cu. ft. of gas: 100

EMPLOYEES

Driller: J. B. Johnson

Driller: J. B. Johnson

FORMATION RECORD

FORMATION	FROM	TO	TOTAL FEET
Red rock	0	30	30
Caliche	31	60	30
Gyp	61	80	20
Anhydrite & Gyp	81	100	20
Red rock	101	120	20
Red rock and Anhydrite	121	140	20
Anhydrite	141	160	20
Anhydrite & Lime	161	180	20
Anhydrite	181	200	20
Lime (oil)	201	220	20
Blue shale	221	240	20
Anhydrite	241	260	20
Lime (oil)	261	280	20
Lime & Anhydrite (oil)	281	300	20
Gyp	301	320	20

FORMATION RECORD—Continued

FORMATION

TOTAL FEET

TO

FROM