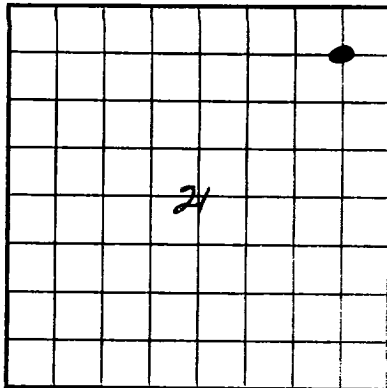


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 029420-b
LEASE OR PERMIT TO PROSPECT

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Oil & Gas Address Las Cruces, N.M.
Lessor or Tract 100 Field Las Cruces State New Mexico
Well No. 7 Sec. 21 T. 17 R. 31 Meridian N. County Albany
Location 660 ft. S. of 11 Line and 660 ft. W. of E. Line of Sec. 21-17-31 Elevation 3820
(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.

Date March 16, 1944 Signed [Signature] Title Dist. Supt.

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

Commenced drilling 11-0, 1943 Finished drilling 1-6, 1944

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2015 to 2110 No. 4, from 2973 to 3011
No. 2, from 2155 to 2203 No. 5, from 3033 to 3035
No. 3, from 2953 to 3070 No. 6, from 3041 to 3054

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>3-5/8</u>	<u>28</u>	<u>8</u>	<u>10</u>	<u>275</u>					
<u>7</u>	<u>60</u>	<u>8</u>	<u>10</u>	<u>3041</u>					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>3-5/8</u>	<u>607'</u>	<u>100 sacks</u>	<u>Water</u>		
<u>7</u>	<u>3011'</u>	<u>100 sacks</u>	<u>Water</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"</u>			<u>170 lbs.</u>	<u>2-10-44</u>	<u>3054-3500</u>	

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 3073 feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing March 16, 1944

The production for the first 24 hours was 50 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

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	15	15	Sand
15	30	15	Caliche
30	45	15	Sand, red
45	320	275	Sand & shale
320	330	10	Shale, red - top anhydrite 330'
330	525	195	Anhydrite
525	615	90	Anhydrite, red shale, salt - top salt 615'
615	607	52	Salt - set 3-5/8" casing 607' w/ 100 sx cement by ballston
607	1512	905	Salt - top salt 1512'
1512	1605	93	Anhydrite
1605	1605	30	Sand - top 1605 sand 1605'
1605	2035	430	Top 2035's 1605'
2035	2118	83	Anhydrite & shale - light show gas 2118' (driller)
2118	2100	18	Anhydrite - light show oil & gas 2100' (driller)
2100	2150	50	Light show oil & gas 2150' (driller)
2150	2313	163	Light show oil & gas 2313' (driller)
2313	2334	21	Light show oil & gas 2334' (driller)
2334	2334	0	Light show oil & gas 2334' (driller)

(OVER)

FORMATION RECORD—Continued

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
2384	2400	116	anhydrite and shale
2400	2410	100	anhydrite
2410	2435	25	hard, red - top red sand shale
2435	2435	200	anhydrite
2435	2460	25	anhydrite and brown lime
2460	2495	35	anhydrite
2495	2555	60	lime
2555	2579	24	hard & anhydrite
2579	2579	114	lime - top Grayburg lime 2579'
			Set 7" casing 1011 w/ 150 sacks cement. slight show oil 5100' (driller); show gas 5170' (driller)
5175	5315	140	lime, hard - top sand shale 5315'
5315	5317	2	show oil 5338-54 (driller); show gas 5397 (driller)
5317	5340	23	lime, hard - show oil 5358-55 (driller)
5340	5344	4	oil completion
5344	5371	27	lime - show oil 5361-54 (driller)
			At total depth 5368' produced 55 bbls oil in 24 hrs. casing showed no water. 25 gals. salt water per hour 5368-71'.
Measured from 5361 to 700' with rock and 1000' sand wood, tested the oil.			Set 1-10-44 w/150 qts cement 5390-5354. Shot exploded and well cleaned.

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.

TOP OF OIL OR GAS WELL

DEVELOPMENT OR REDEVELOPMENT
OIL OR GAS WELL

DATE OF WORK
BY
CHECKED BY