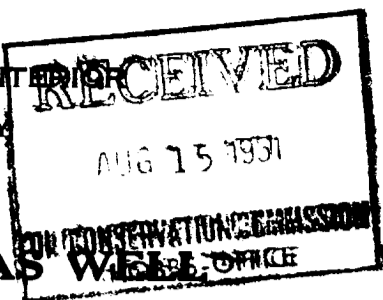


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 030132
LEASE OR PERMIT TO PROSPECT Closson A

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Cities Service Oil Company Address Hobbs, New Mexico
Lessor or Tract Closson Field South Eunice State New Mexico
Well No. 3-A Sec. 18 T. 22S R. 36E Meridian N.M.P.M. County Lea
Location 1980 ft. N. of S Line and 660 ft. W. of E Line of Sec. 18 Elevation 3598
(Derive 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/ S.G. Stoltz

Date 3/17/38 Title Division Clerk

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

Commenced drilling 3/16, 1938 Finished drilling 5/13, 1938

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

No. 1, from 3250 to 3725 No. 4, from _____ to _____
No. 2, from 3760 to 3823 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>2 1/2</u>	<u>40</u>	<u>8</u>	<u>IW</u>	<u>173</u>	<u>Guide</u>				<u>Surface</u>
<u>9 5/8</u>	<u>36</u>	<u>10</u>	<u>Smls</u>	<u>3085</u>	<u>"</u>				<u>Intermediate</u>
<u>7</u>	<u>24</u>	<u>10</u>	<u>"</u>	<u>3745</u>	<u>"</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>12 1/2</u>	<u>173</u>	<u>175</u>	<u>Halliburton</u>		
<u>9 5/8</u>	<u>3085</u>	<u>700</u>	<u>"</u>		
<u>7</u>		<u>150</u>	<u>"</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>NOT SHOT</u>					

TOOLS USED

Rotary tools were used from 0 feet to 3823 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

May 13, 1938 Put to producing May 16th, 1938

The production for the first 24 hours was 330 barrels of fluid of which 99 % was oil; 1 % 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. _____ Gas-Oil Ratio 700

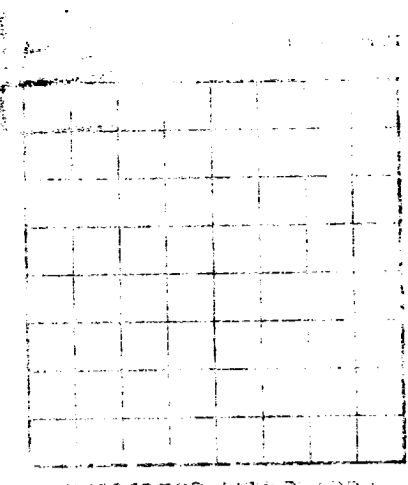
EMPLOYEES

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

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0	102	102	Caliche and surface sand
102	158	56	Water sand
158	192	34	Red rock
192	200	8	Red bed (Set 12 1/2" @ 173 w/175 sax)
200	615	415	Red rock
615	700	85	Hard sand
700	839	139	Red bed and sand shells
839	965	126	Red rock
965	1000	35	Brown shale and sand
1000	1086	86	Hard sand, shell and shale
1088	1180	94	Shale, shells and red rock
1180	1200	20	Red rock and shells
1200	1250	50	Red rock and gyp
1250	1280	30	Shale and gyp
1280	1314	34	Red rock and gyp
1314	1411	97	Shale, gyp and red rock
1411	1450	39	Red rock and gyp
1450	1461	11	Anhydrite
1461	1680	219	Shale and anhydrite shells
1680	2345	665	Salt and anhydrite
2345	2400	55	Anhydrite
2400	2670	270	Salt and anhydrite
2670	2690	20	Hard anhydrite
2690	2750	60	Salt and potash
2750	2810	60	Hard anhydrite

FOLD MARK



UNITED STATES
 DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY
LOG OF OIL OR GAS WELL

The information given herewith is a complete and correct record of the work done in the well as far as can be determined from all available sources.
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OIL OR GAS SANDS OR ZONES

Name of zone
 Depth from surface
 Thickness
 Description

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 balling.

HISTORY OF OIL OR GAS WELL

FORMATION	TOTAL FEET	TO-	FROM-
Anhydrite	27	2930	2903
Salt	75	3005	2930
Salt and anhydrite streaks	35	3040	3005
Lime	55	3095	3040
Brown lime (9 5/8" @ 3085' w/700 sax)	17	3112	3095
Lime	51	3163	3112
Brown lime and anhydrite	13	3206	3163
Lime	19	3255	3206
Sand and lime	15	3270	3255
Lime and anhydrite (hard)	25	3295	3270
Lime	41	3336	3295
Sand and lime	44	3380	3336
Lime	45	3425	3380
Hard lime	18	3443	3425
Very porous lime	99	3542	3443
No returns	17	3556	3542
Lime	117	3670	3556
Grey lime	35	3705	3670
Lime	20	3725	3705
Sandy lime (7" @ 745 w/150 sax)	35	3760	3725
Lime	63	3823	3760