

A 10x10 grid with a dot at the intersection of the 4th column and 3rd row from the bottom-left corner.

LOCATE WELL CORRECTLY

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER LC 068474
LEASE OR PERMIT TO PROSPECT _____
Government "US"

LOG OF OIL OR GAS WELL

Company Cities Service Oil Company Address Box 97, Hobbs, New Mexico
Lessor or Tract Government "B" Field Brickoven State New Mexico
Well No. 14 Sec. 3 T. 14 R. 31 Meridian NMPM County Chaves
Location 660 ft. (N.) of S. Line and 1980 ft. (E.) of E. Line of 3-14-31 Elevation 4436 (DE)
SEC XX

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 October 8, 1954 Signed [Signature]
Title Asst. Dir. Inst.

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

Commenced drilling September 7, 19 54 Finished drilling September 25, 19 54

No. 1, from 3044 to 3064 No. 4, from - to -
 No. 2, from - to - No. 5, from - to -
 No. 3, from - to - No. 6, from - to -

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

[illegible]

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	373	200	Plug	-	-
5 1/2	3033	360	Plug	-	-

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

Rotary tools were used from 0 feet to 3038 feet, and from _____ feet to _____ feet
Cable tools were used from 3038 feet to 3061 feet, and from _____ feet to _____ feet

October 8, 1954	Put to producing	October 5, 1954
The production for the first 24 hours was 128 barrels of fluid of which 99.8 % was oil; 0.2 %		
emulsion; % water; and % sediment.		
If gas well, cu. ft. per 24 hours	Gravity, °Bé. 37 deg 60 deg	
Rock pressure, lbs. per sq. in.	Gallons gasoline per 1,000 cu. ft. of gas	

Jim Campbell	, Driller	M. J. Moore	, Driller
John O'Brien	, Driller	Tom Bradshaw	, Driller

FROM—	TO—	TOTAL FEET	FORMATION
0	300	300	Surface soil, caliche, sand
300	372	72	Red bed
372	1200	828	Shale
1200	1450	250	Shale & shells
1450	1515	65	Anhydrite
1515	2200	685	Salt
2200	2265	65	Anhydrite
2265	2865	600	Shale & shells
2865	3044	179	Shale & anhydrite
3044	3064	20	and (Queen)
<u>Formation Tops</u>			
			Yates 2311'
			Queen 3044'

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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

A blank sheet of graph paper with a grid pattern. The grid consists of 10 columns and 8 rows of squares. The lines are black and the background is white. There is no text or other markings on the page.

Company _____
 Lesson or Tract _____
 Well No. _____
 Section _____
 Township _____
 Range _____
 State _____
 County _____
 Location with the $\left\{ \frac{N}{2} \right\}$ of _____
 and _____
 The information given herewith is a complete and correct record of the _____
 as far as can be determined from all available records.

The summary on this page is for the recording of the work of the day.

Date: _____

Signature: _____

Commenced drilling _____

Finished drilling _____

OIL OR GAS SANDS OR CONCRETE

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10	to	from	to	from	to	from
10	to	from	to	from	to	from
10	to	from	to	from	to	from

IMPORTANT WATER SALES

[illegible]

СЛУЖБА ЗАШТИТЕ

Year	Height feet	Threats per acre	Number of acres	Value \$1000
1960	10	10	10	10
1961	10	10	10	10
1962	10	10	10	10
1963	10	10	10	10
1964	10	10	10	10
1965	10	10	10	10
1966	10	10	10	10
1967	10	10	10	10
1968	10	10	10	10
1969	10	10	10	10
1970	10	10	10	10
1971	10	10	10	10
1972	10	10	10	10
1973	10	10	10	10
1974	10	10	10	10
1975	10	10	10	10
1976	10	10	10	10
1977	10	10	10	10
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1981	10	10	10	10
1982	10	10	10	10
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1986	10	10	10	10
1987	10	10	10	10
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2003	10	10	10	10
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2006	10	10	10	10
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2008	10	10	10	10
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2011	10	10	10	10
2012	10	10	10	10
2013	10	10	10	10
2014	10	10	10	10
2015	10	10	10	10
2016	10	10	10	10
2017	10	10	10	10
2018	10	10	10	10
2019	10	10	10	10
2020	10	10	10	10
2021	10	10	10	10
2022	10	10	10	10
2023	10	10	10	10
2024	10	10	10	10
2025	10	10	10	10
2026	10	10	10	10
2027	10	10	10	10
2028	10	10	10	10
2029	10	10	10	10
2030	10	10	10	10
2031	10	10	10	10
2032	10	10	10	10
2033	10	10	10	10
2034	10	10	10	10
2035	10	10	10	10
2036	10	10	10	10
2037	10	10	10	10
2038	10	10	10	10
2039	10	10	10	10
2040	10	10	10	10
2041	10	10	10	10

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 "detached" 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 piers or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE

[illegible]