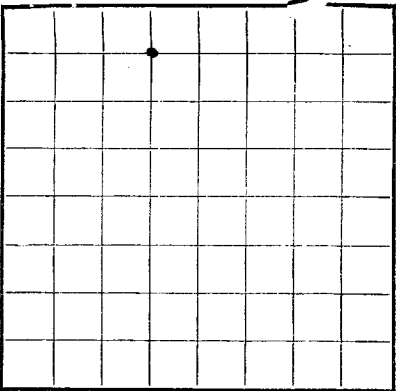




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER LC 068474
LEASE OR PERMIT TO PROSPECT _____
Government "B"
Cities Service Oil
Co.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Cities Service Oil Company Address Box 97, Hobbs, New Mexico
Lessor or Tract Government "B" Field Dickey-Queen State New Mexico
Well No. 18 Sec. 3 T. 14 R. 31 Meridian NMPM County Chaves
Location 664.75 ft. XX of N Line and 1980 ft. XX of W Line of 3-14S-31E Elevation 4429 (DF)
(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 _____
Date November 10, 1954 Title Asst. Division Supt.

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

Commenced drilling October 19, 19 54 Finished drilling November 2, 19 54

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3046 to 3066 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 - 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—	
8 5/8	22.7	SW SJ	Armco	280	Armco	-	-	-	Surface
5 1/2	14.15.5	8R	J-55	3033	Baker	-	-	-	Oil String

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	293	150	Plug	-	-
5 1/2	3040	300	Plug	-	-

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
		This well was not shot.				

TOOLS USED

Rotary tools were used from 0 feet to 3046 feet, and from - feet to - feet
Cable tools were used from - feet to - feet, and from - feet to - feet

DATES

November 10, 19 54 Put to producing November 8, 19 54

The production for 17 hours was 276 barrels of fluid of which 99.7 % was oil; .3 % emulsion; 0 % water; and 0 % sediment. Gravity, °Bé. 37.2 deg at 60 deg

If gas well, cu. ft. per 24 hours - Gallons gasoline per 1,000 cu. ft. of gas -

Rock pressure, lbs. per sq. in. -

EMPLOYEES

Mr. C'Brien, Driller Jim Campbell, Driller
T. Davis, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	220	220	Surface soil, caliche, sand & gravel
220	450	230	Red Bed
450	1365	915	Shale & shells
1365	1495	130	Anhydrite & shale
1495	1510	15	Anhydrite
1510	2125	615	Salt
2125	2230	105	Anhydrite
2230	2410	180	Anhydrite and sand
2410	2985	575	Anhydrite and shale
2985	3046	61	Anhydrite
3046	3066	20	Queen Sand
			<u>Formation Tops</u>
			Yates 2280'
			Queen 3046'

FORMATION RECORD—Continued

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

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