

A 10x10 grid with a dot at the intersection of the 6th column and the 8th row from the top-left corner.

Las Cruces

U. S. LAND OFFICE ----- 058/76

SERIAL NUMBER _____

LEASE OR PERMIT TO PROSPECT -----

Government of the City of New York
City Service Oil Co.

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

City Service Oil Company
 Company _____ Address _____ Box 97, Hobbs, New Mexico
 Government "B"
 Lessor or Tract _____ Field _____ Dickey-Dean State _____ New Mexico
 Well No. 20 Sec. 3 T. 11S R. 31E Meridian _____ NMPM County _____ Chaves
 Location 664.75 ft. [N] of N Line and 1980 ft. [E] of E Line of 3-14S-31E Elevation 4424 BF
 [S] [W] (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 November 24, 1954 Signed [Signature]
Title Asst. Division Supt.

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

Commenced drilling November 3, 1954 Finished drilling November 20, 1954

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3042 to 3053 1/2 (Denote page by 3) - to -
 No. 2, from - to - No. 4, from - to -
 No. 3, from - to - No. 5, from - to -
 No. 6, from - to -

IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
2 5/8	291	150	Plug	-	-
5 1/2	3057	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 2080 feet, and from - feet to - feet.

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

DATES

DATES	
November 24	1954
Put to producing	November 22 1954

The production for ~~23~~ hours was 506 barrels of fluid of which 99.7% was oil. .3

emulsion; 0 % water; and 0 % sediment. Gravity, °Bé. 37 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. O'Brien, Driller Jim Campbell, Driller

Thurman Davis, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	230	230	Surface soil, sand & gravel
230	293	63	Red bed
293	1300	1007	Shale
1300	1430	130	Shale & shells
1430	1675	245	Shale & Anhydrite
1675	1855	180	Salt & Anhydrite
1855	1995	140	Salt & Shells
1995	2170	175	Salt & anhydrite
2170	2315	145	Shale & anhydrite
2315	2510	195	Shale & shells
2510	2710	200	Anhydrite
2710	2975	265	Anhydrite & shale
2975	3005	30	Anhydrite
3005	3057	52	Anhydrite & shale
3057	3080	23	Green Sand
 <u>Formation Tops</u>			
	Anhydrite	1410	
	Yates	2264	
	Queen	3042	
	T.B.	3080	
	S.R.	3055	

FORMATION RECORD—Continued

[illegible]

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.

16-43094-3

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