

U. S. LAND OFFICE **New Mexico**
SERIAL NUMBER **03927**

LEASE OR PERMIT TO PROSPECT -----
Government "C"
Cities Service Oil Co.

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Cities Service Oil Company Address Box 97, Hobbs, New Mexico
Lessor or Tract Government "C" Field Dickey-Queen State New Mexico
Well No. 5 Sec. 33 T. 13S R. 31E Meridian NMPM County Chaves
Location 1900 ft. N of S Line and 660 ft. E of E Line of 33-13S-31E Elevation 4240'

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 *M. Meyer*

Date 3-3-55 Title Dist. Supt.

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

Commenced drilling 2-17, 19 55 Finished drilling 2-27 19 55

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

(Denote gas by G)

No. 1, from <u>2841</u> to <u>2859</u>	No. 4, from <u>-</u> to <u>-</u>
No. 2, from <u>-</u> to <u>-</u>	No. 5, from <u>-</u> to <u>-</u>
No. 3, from <u>-</u> to <u>-</u>	No. 6, from <u>-</u> to <u>-</u>

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	160'	Armco	-	-	-	Surface
5 1/2	14	SP	J-B	222 1/2'	Baker	-	-	-	(1) String

MUDDING AND CEMENTING RECORD

	Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8	5/8	173'	100	Plug	-	-
5	1/2	2840'	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 2859 feet, and from - feet to - feet.
Cable tools were used from - feet to - feet, and from - feet to - feet.

DATES

----- **3-3** -----, 19 **55** Put to producing ----- **2-28** ----- 19 **55**

The production for the first 24 hours was 279 barrels of fluid of which 99.8 % was oil; .2 % emulsion; - % water; and - % sediment. Gravity °Ré 36.6

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

Rock pressure, lbs. per sq. in. -----

EMPLOYEES

EMPLOYEES

Mr. Davis	Driller	Mr. Gray	Driller
Mr. Hoover	Driller		Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	55	55	Surface soil, caliche & sand
55	1107	1052	Red Bed
1107	1226	119	Shale & anhydrite
1226	1628	402	Anhydrite & salt
1628	1925	297	Salt, shale & anhydrite
1925	2465	540	Shale & anhydrite
2465	2560	95	Anhydrite & shells
2560	2665	105	Shale & anhydrite
2665	2760	95	Shale, salt & anhydrite
2760	2841	81	Anhydrite, shale & siltstone
2841	2859	18	Sand (Queen)
			<u>Formation Tops</u>
			Yates 2088'
			Queen 2841'

FORMATION RECORD—Continued

[illegible]

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.

HISTORY OF OIL OR GAS WELL

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