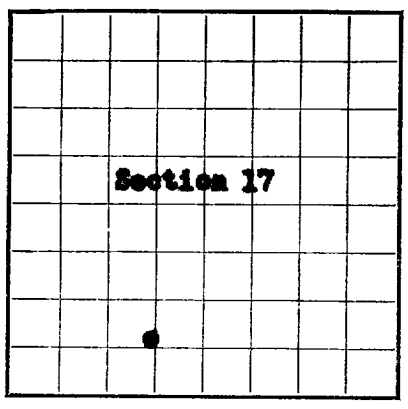
Form 9-330

get Bureau No. 42-R-355.3.
Approval expires 12-31-55.

U. S. LAND OFFICE New Mexico
SERIAL NUMBER 03210
LEASE OR PERMIT TO PROSPECT -

HOBBS OFFICE OCC
1956 SEP 18 AM 10:34



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Phillips Petroleum Company Address Box 2105, Hobbs, New Mexico
Lessor or Tract Cleat Field Caprock Queen State New Mexico
Well No. 4 Sec. 17 T. 14-S R. 31-E Meridian -- County Chaves
Location 660 ft. {N.} of S Line and 1982 ft. {E.} of W Line of Section 17 Elevation 4103
(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 W. G. Croston

Date September 17, 1956 Title District Chief Clerk

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

Commenced drilling 8-20-, 1956 Finished drilling 8-26-, 1956

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

No. 1, from 2723 to 2735 TDIF 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 None 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 From—	Perforated To—	Purpose
8-5/8	24#	8rd	J-55	208	Baker	-	-	-	Surface string
5-1/2	14#	8rd	J-55	2715	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	208	175 reg	BJ	NR	Cmt circ.
5-1/2	2715	100 reg	BJ	NR	Plug to 2679'.

PLUGS AND ADAPTERS

Heaving plug—Material None Length Depth set
Adapters—Material Size

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
None						

TOOLS USED

Rotary tools were used from 0 feet to 2735 feet, and from feet to feet
Cable tools were used from - feet to - feet, and from feet to feet

DATES

, 19 Put to producing September 14, 1956

The production for the first 24 hours was 24 barrels of fluid of which 100 % was oil; 0 % emulsion; % water; and 6/10 % sediment. Gravity, °Bé. 37.1

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

Rock pressure, lbs. per sq. in. -

EMPLOYEES

Lawless Drilling Co., Driller , Driller
Odessa, Texas, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	311	311	Caliche & redbeds
311	1506	1195	Redbeds
1506	2650	1144	Anhy & gyp w/salt
2650	2735	85	Anhy & sand

Sample tops:

Rustler 1066
Yates 1935
Queen 2697
Queen pay 2723

AT THE
LOG, AL
WHETHE

[OVER]

16—43004-3

FOLD

MARK

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

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.

8-20-56	Well spudded. Ran 8-5/8" casing.
8-21-56	Tested 8-5/8" casing, OK.
8-24-56	Reached casing point, ran 5-1/2" casing.
8-26-56	Tested 5-1/2" casing, OK. Drilled to TD & ran GR-N logs.
8-29-56	Fraced Queen open hole interval 2715-35' w/10,000 gals crude oil w/1/2# sand per gal. Started swabbing after well flowed 3 hrs & died.
9- 2-56	Ran pumping equipment & resumed recovery of load oil by pumping.
9-14-56	Took potential test.

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