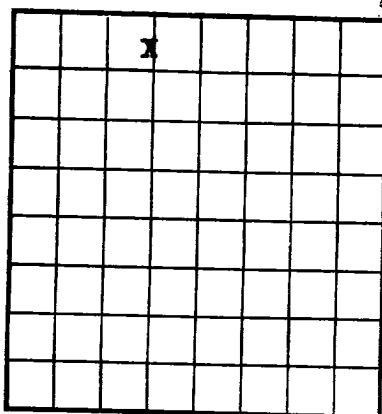


U. S. LAND OFFICE
SERIAL NUMBER 2316796

LEASE OR PERMIT TO PROSPECT

Santa Fe, N.M.



LOCATE WELL CORRECTLY

APPROVED
OFFICE OF THE COMMISSIONER OF THE GEOLOGICAL SURVEYCopy sent
to 7.UNITED STATES
DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

Deepening Record of Workover

LOG OF OIL OR GAS WELL

Company Woolley Queen Leases, Inc. Address Box 398 Loco Hills, N.M.

Lessor or Tract Field Pearsall State New Mexico

Well No. 1X Sec. 5 T. 18 R. 32 Meridian NMPM. County Lea

Location 1670 ft. {N. } of N Line and 3310 ft. {E. } of Line of Sec. 5 Elevation 3862
(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 June 20, 1957

Signed J. P. Barnes
Title Supt.

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

Commenced drilling May 27, 1957 Finished drilling May 12, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3690 to 3710 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 549 to 561 No. 3, from to

No. 2, from 590 to 600 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	663	75	Plain	663	Plain				
5 1/2	3720	100	Halliburton	3720	Halliburton				

HISTORY OF OIL OR GAS WELL

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	663	75	Denton OWC Co.	Heavy	top to bottom
5 1/2	3720	100	Halliburton	Heavy	top to bottom

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

TOOLS USED

Rotary tools were used from 3720 feet to feet, and from feet to feet

Cable tools were used from 3720 feet to 3752 feet, and from feet to feet

DATES

Put to producing June 10, 1957

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

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

Rock pressure, lbs. per sq. in.

EMPLOYEES

Jeff Hickox, Driller

F. L. Barnes, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
3720	3725	-25	Cement, Bailing
3725	3728	3	Sand Bailing to thin fluid
3728	3733	5	Sand
3733	3735	2	Lime
3735	3738	3	Lime - brown & white
3738	3741	3	Sand
3741	3745	4	Sand - Anhy.
3745	3748	3	Lime & sand
3748	3750	2	Brown Lime

FORMATION RECORD—Continued

