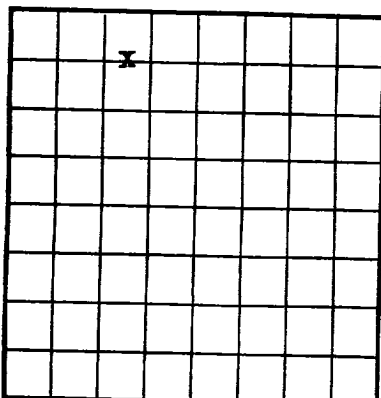


U. S. LAND OFFICE

SERIAL NUMBER 016785

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES Oil Cons. Com.
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Deepening Reckard & Workover

LOG OF OIL OR GAS WELL

Company Woolley Queen Leases, Inc. Address Box 398 Loco Hills, N.M.
Lessor or Tract Pearsall State New Mexico
Well No. 1-X Sec. T8 R. 32 Meridian NMPM County Lea
Location 1670 XX N. of 10 Line and 10 ft. E. of 10 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.

Signed J. L. Barnes
Title Supt.Date June 20, 1957

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 _____ to _____ 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	Denton O.W.C. Co.	Heavy	top to bottom				
5 1/2	3720	100	Halliburton	Heavy	top to bottom				

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 O.W.C. 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

_____, 19____ 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 _____, Driller
F. L. Barnes, Driller _____, 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

PLEASE OR PERMIT TO PROCEED
SERIAL NUMBER
U. S. LAND OFFICE

A blank 10x10 grid for graphing, consisting of 10 columns and 10 rows of squares. The grid is used for plotting the graph of the function $y = \frac{1}{2}x^2$.

LOCATE WELL CORRECTLY

Commenced drilling _____ 19____
 The summary on this page is for the condition of the well at above date.
 Date June 30, 1937
 Signed _____
 The information given herewith is a complete and correct record of the well and all work done thereon
 as far as can be determined from all available records.
 Location { N. of _____ ft. } of _____ line and _____ ft. { E. of _____ line of _____ }
 Well No. _____ Sec. _____ T. _____ R. _____ Meridian _____ County _____ State _____
 Lessor or Trust _____
 Company _____
 Address _____
 State _____

OIL OR GAS SANDS OR ZONES

(2) note card (2)

No. 1, from	to	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 348 to 350	No. 3, from 1 to 3
No. 2, from 1 to 3	No. 4, from 1 to 3

CASING RECORD

[illegible]

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of reworking, 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 "mudcracked" 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 pulling.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE

FORMATION RECORD			
FROM-	TO-	TOTAL FEET	FORMATION
3740	3740	0	Gravel, sand, and shells
3738	3740	2	Gravel, sand, and shells
3736	3740	4	Gravel, sand, and shells
3734	3740	6	Gravel, sand, and shells
3732	3740	8	Gravel, sand, and shells
3730	3740	10	Gravel, sand, and shells
3728	3740	12	Gravel, sand, and shells
3726	3740	14	Gravel, sand, and shells
3724	3740	16	Gravel, sand, and shells
3722	3740	18	Gravel, sand, and shells
3720	3740	20	Gravel, sand, and shells
3718	3740	22	Gravel, sand, and shells
3716	3740	24	Gravel, sand, and shells
3714	3740	26	Gravel, sand, and shells
3712	3740	28	Gravel, sand, and shells
3710	3740	30	Gravel, sand, and shells
3708	3740	32	Gravel, sand, and shells
3706	3740	34	Gravel, sand, and shells
3704	3740	36	Gravel, sand, and shells
3702	3740	38	Gravel, sand, and shells
3700	3740	40	Gravel, sand, and shells
3698	3740	42	Gravel, sand, and shells
3696	3740	44	Gravel, sand, and shells
3694	3740	46	Gravel, sand, and shells
3692	3740	48	Gravel, sand, and shells
3690	3740	50	Gravel, sand, and shells
3688	3740	52	Gravel, sand, and shells
3686	3740	54	Gravel, sand, and shells
3684	3740	56	Gravel, sand, and shells
3682	3740	58	Gravel, sand, and shells
3680	3740	60	Gravel, sand, and shells
3678	3740	62	Gravel, sand, and shells
3676	3740	64	Gravel, sand, and shells
3674	3740	66	Gravel, sand, and shells
3672	3740	68	Gravel, sand, and shells
3670	3740	70	Gravel, sand, and shells
3668	3740	72	Gravel, sand, and shells
3666	3740	74	Gravel, sand, and shells
3664	3740	76	Gravel, sand, and shells
3662	3740	78	Gravel, sand, and shells
3660	3740	80	Gravel, sand, and shells
3658	3740	82	Gravel, sand, and shells
3656	3740	84	Gravel, sand, and shells
3654	3740	86	Gravel, sand, and shells
3652	3740	88	Gravel, sand, and shells
3650	3740	90	Gravel, sand, and shells
3648	3740	92	Gravel, sand, and shells
3646	3740	94	Gravel, sand, and shells
3644	3740	96	Gravel, sand, and shells
3642	3740	98	Gravel, sand, and shells
3640	3740	100	Gravel, sand, and shells

FORMATION RECORD—Continued