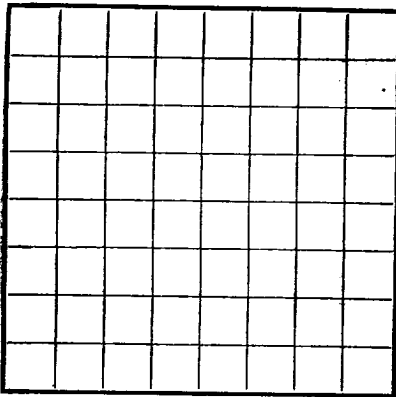


U. S. LAND OFFICE
SERIAL NUMBER 015868
LEASE OR PERMIT TO PROSPECT

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company LANDA OIL COMPANY Address 5738 North Central Exp. Dallas, Texas
Lessor or Tract Federal Field Caprock State New Mexico
Well No. 1-10 Sec. 10 T. 138 R. 31E Meridian N.M.P.M. County Chaves
Location 660 ft. N. of S Line and 660 ft. W. of E Line of Section Elevation 4433'
(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 February 15, 1956 Title Engineer

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

Commenced drilling June 6, 1955 Finished drilling June 13, 1955

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3023 to 3037 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 _____ 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	24	8	Spring	300	Halliburton				Surface
5 1/2	14	8	Spring	300	Halliburton				Surface
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	310	150	Halliburton		
5 1/2	3060	700	Halliburton		

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
		SANDOIL TREATMENT	8,000# - 912 bbls.			

TOOLS USED

Rotary tools were used from SURFACE feet to 3060 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing June 17, 1955

The production for the first 24 hours was Dry Hole 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

Camden Drilling Company, Driller _____, Driller
Fort Worth, Texas, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0-	320	320	Red Bed
320	1001	681	Red Bed & Shale
1001	1500	499	Red Bed & Anhy
1500	1610	110	Shale Dolo. & Anhy
1610	2130	520	Shale, Dolo.
2130	2140	10	Shale & Dolo. & Anhy.
2140	2230	90	Shale, Dolo & Anhy
2230	2300	70	Shale, Dolo & Salt
2300	2430	130	Shale, Dolo. & Anhy
2430	2490	60	Shale, Dolo. & Salt
2490	3019	529	Shale, & Dolo.
3019	3023	4	Anhy.
3023	3037	14	Gry. Sft. Fri. sd. (Queen Sand)
3037	3041	4	Anhy.
3041	3060 TD	19	Shale & Salt

FORM

LOG

TOTAL FEET

(OVER)

FORMATION

16-43094-3

FORMATION RECORD—CONTINUED

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

[illegible]

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 _____

Location _____ of _____ Line and _____ ft. _____ of _____ of _____ Elevation _____

Well No. _____ Sec. _____ T. _____ R. _____ Meridian _____ County _____ State _____

Lessor or Trust _____

Field _____ Township _____ State _____

Address _____

Company _____

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

Commenced drilling _____ 19____
Finished drilling _____ June 18
to

OIL OR GAS SANDS OR ZONES

No. 3, from		No. 2, from		No. 1, from		(Dewole gas by G)	
to		to		to		No. 4, from	to
to		to		to		No. 5, from	to
to		to		to		No. 6, from	to

IMPORTANT WATER SANDS

of	merit, 8.0%	of	merit, 1.0%
of	merit, 4.0%	of	merit, 2.0%

CASING RECORD

State	Per foot	Weight	Threads per inch	Make	Amount	Kind of shoe cut and pulled from	Estimated From— To—	Purpose
Ill.								

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 piers or bridges were put in to test for water, state kind of material used, position, and results of pumping or falling.

MUDGING AND CEMENTING RECORD

Amount of fund used	Fund quantity	Methion used	Number sacks of cement	Watered	Price paid
		100.00	25	7.50	1.875
		100.00	25	7.50	1.875

PLUGS AND ADAPTERS

Leaving place - Material	Approved	Depth set
Leaving place - Material	Disapproved	Depth set

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Weight cleaned out
			1000.5	2-13-61		

TOOTS USED

test test to test from test
test test to test from test

DATA

It gas well out ft. per 24 hours		Gallons gasoline per 1,000 cu. ft. of gas
.....% water; and% sediment.		Gravity, °Bé
The production for the first 24 hours was 178 barrels of fluid of which% was oil;%		Paid to producing lease by 19-24

EMPLOYEES

Driller	Driller
Driller	Driller

FORMATION RECORD

[illegible]