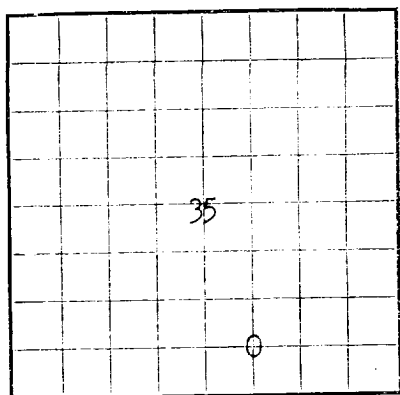


Form 9-330

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 032618
LEASE OR PERMIT TO PROSPECT Permit

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company The Texas Company Address Fort Worth, Texas
Lessor or Tract I. B. Ogg "A" Field Cooper State New Mexico
Well No. A-6 Sec. 35 T. 24 SR. 36 E Meridian N.M.P.A. County Lea
Location 660 ft. N. of S. Line and 1980 ft. W. of E. Line of Sec. 35 Elevation 3275
(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 _____

Date April 22, 1935 Title Division Superintendent

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

Commenced drilling March 4, 1935. Finished drilling April 7, 1935

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3330 to 3350 G No. 4, from 3367 to 3370 Oil
No. 2, from 3363 to 3367 G No. 5, from 3383 to 3389 Oil
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 530 to 680 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—	
12 1/2"	50#	8	Lapw.	167'	Tex. Pat.				
5 7/8"	40#	8	Smless	1726'	Tex. Pat.	Larkin Guide Shoe			
7"	34#	10	"	3350'	Baker Cement	guide shoe, with float collar			
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
12 1/2"	167'	150	Halliburton		
5 7/8"	1726'	1350	"		
7"	3350'	150	"		

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 Surface feet to 3390 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing _____, 19____

The production for the first 24 hours was at rate of 200 bbls. of oil per hour _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. 4/10

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas 29.2

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

J. C. Hammond, Inc. Ft. Worth, Texas Driller L. L. Rhoades
R. S. Wiggins Driller E. L. Spurlin

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	25	25	Caliche
25	130	105	Gray & pink sand
130	530	400	Red sandy & limey shale
530	680	150	Coarse gray sand & lime conglomerate. (water 530' to 680')
680	1270	590	Red shale-Top Rustler Anhy. 1270'
1270	1300	30	White Anhydrite
1300	1320	20	White Anhydrite 30%, Red salty shale 70%
1320	1400	80	White & gray anhy. 60%, gray lime 20%. Red shale 20%.
1400	1550	150	White anhydrite 70%, red shale & polyhalite 20%, white salt 10%. Top main salt 1400'
1500	1740	190	Red polyhalite 60%, white salt 40%.
1740	1795	55	Gray & white anhydrite 80%, red shale 20%.
1795	2210	415	White salt 80%, polyhalite 20%.
2210	2245	35	White anhydrite & gyp.
2245	2700	455	White salt 70%. White anhydrite 20%. pink polyhalite 10%.
2700	2735	35	Gray dolomite 60%, white anhydrite 20%. Red shale 20%.
2735	2860	125	White salt.
2860	2918	58	White salt 80%, brown shale 20%.

FROM

TO

TOTAL FEET (OVER)

16-43094-2

FORMATION RECORDED—CONTINUED

FORMATION RECORD-Continued

FROM-	TO-	TOTAL FEET	FORMATION
2918	2950	32	Base salt 2918'
2950	2975	25	Gray & white anhydrite.
2975	3010	35	Brown dolomite 80%, white anhydrite 20%
3010	3110	100	Light gray dolomite 80%, white anhy- 20%.
3110	3115	5	Top sandy section 3110'.
3115	3148	33	Greenish gray sand.
3148	3175	27	Gray sand 20%, gray & white dolo. 80%.
3175	3220	45	Green, gray & brown shaley sand, indl- cating gas.
3220	3235	15	Top white dolomite 3175'.
3235	3270	35	White dolomite.
3270	3310	40	Gray sand - Gas.
3310	3330	20	Gray sandy dolomite 60%, gray sand 40%.
3330	3350	20	White dolomite.
3350	3356	6	Gray sand 50%, white dolomite 50%, gas.
3356	3359	3	Gray sandy dolomite.
3359	3363	4	White & buff dolomite, bleeding gas.
3363	3367	4	Gray sandy & shaley dolomite.
3367	3369	2	Gray sand - Gas.
3369	3380	11	Gray sand with gray shale streaks - Gas.
3380	3390	10	Bluish, slightly porous dolomite - Oil.
3390	3390	0	Bluish, coarse, very porous dolomite- Main oil pay.
3390	3390	0	TOTAL DEPTH

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, 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

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

The top of the main salt occurred in this well at 1400'; the base of the salt at 2918'; top of brown dolomite 2950', and top of the white dolomite 3175'. Coring was begun at 3350' and continued to completion depth. Core recovery was 95%. The oil saturated section occurred at 3358'. Considerable porous clay was encountered between 3367' and 3370'. A very porous blue crystalline pay was encountered at 3389'. Drill stem test was made with packer point at 3350'. Result of this test was 123 barrels pipe line oil per hour with 2,140,000 cubic feet gas per 24 hours; gas-oil ratio 720 cubic feet per barrel. In casing was set at 3350' and well completed with initial restricted flow, based on gas oil ratio of 200 barrels pipe line oil per hour with gas oil ratio of 647 cubic feet per barrel.