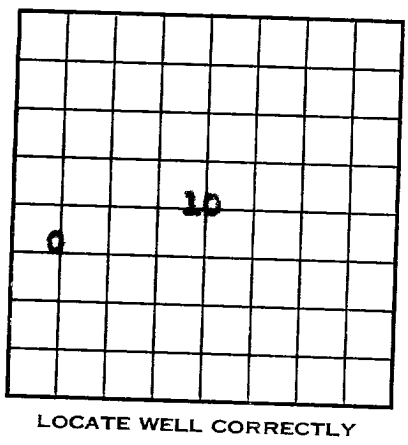
41640 - M. A. Corbin Well No. 1
Lea County, New Mexico

Form 9-330

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 029489
LEASE OR PERMIT TO PROSPECT M. A. Corbin



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED JUL 12 1938 HOBBS OFFICE

LOG OF OIL OR GAS WELL

Company The Texas Company Address Drawer B, Hobbs, Texas
Lessor or Tract M. A. Corbin Field Lea of Vacuum State New Mexico
Well No. 1 Sec. 10 T. 18-S R. 35-E Meridian N. M. P. M. County Lea
Location 1980 ft. {N.} of S. Line and 660 ft. {E.} of W. Line of Section 10 Elevation 3934 (R.K.B.)
(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 July 8, 1938 Title District Superintendent

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

Commenced drilling Dec. 29, 1937 Finished drilling June 28, 1938

DUPLICATE

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3700' to 3728' G
No. 2, from 4238 to 4315
No. 3, from to
No. 4, from to
No. 5, from to
No. 6, from to

IMPORTANT WATER SANDS

No. 1, from 5115 to 5118
No. 2, from to
No. 3, 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
13"	40#	8	A. S.	288'	Regular Pattern				
9 5/8"	40#	8	[illegible]	1617'	Guide				
7"	20#	8	A. S.	4042'	Larkin Guide				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13"	300'	275	Halliburton		
9 5/8"	1618'	350	"		
7"	4021'	100	"		

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
5 1/2"	12	Nitroglycerin	240 qts.	6-10-38	4239-4315	4320'

TOOLS USED

Rotary tools were used from 0 feet to 4021 feet, and from feet to feet
Cable tools were used from 4021 feet to 5118 feet, and from feet to feet

DATES

June 28, 1938 on test Put to producing , 19

The production for the first 12 hours was 43 barrels of fluid of which 100 % was oil; - % emulsion; - % water; and - % sediment. Gravity, °Bé. 36

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

Rock pressure, lbs. per sq. in. -

EMPLOYEES

E. A. Lockett, Driller Chas. Staley, Driller
T. A. Hutchings, Driller Mont Ellis, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	50	50	Surface Sand & Shale
50	310	260	Red Beds
310	490	180	Red Beds & Sand
490	580	90	Gray Sand & Shale
580	873	293	Red Beds & Sand
873	985	112	Shale & Shells
985	1075	90	Red Beds
1075	1550	475	Shale & Shells
1550	1740	190	Anhydrite
1740	2290	550	Salt & Anhydrite
2290	2490	200	Salt
2490	3040	550	Salt & Anhydrite
3040	3070	30	Anhydrite & Sand
3070	3210	140	Anhydrite & Gyp
3210	3263	53	Brown Lime & Anhydrite
3263	3600	337	Anhydrite & Gyp
3600	3735	180	Lime & Anhydrite
3735	3798	13	Broken Lime
3798	3939	141	Anhydrite & Lime
3939	4258	319	Gray Lime
4258	4267	9	Sandy Lime
4267	4283	16	Sand
4283	4315	32	Sandy Lime
4315	4325	10	Hard Sand & Lime
4325	4357	32	Hard Brown Lime

(OVER)

6—6745

FORMATION RECORD—Continued

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
4257	4582	325	Hard Grey & Brown lime
4582	4586	4	Anhydrite
4586	4626	40	Hard Lime
4626	4696	70	Sandy Lime
4696	5025	329	Hard Grey & Brown lime
5025	5032	7	Sand
5032	5115	83	Hard Lime & some sand
5115	5118	3	White Sand (Salt water)

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.

At 4335' the well produced 17 bbls oil in 11 hrs bailing. At the total depth of 5118', the well filled up 4000' in 4 hrs with salt water encountered between 5115-5118'. The well was plugged back from 5118' to 5115 with rock and from 5115 with wood wool to plug off this water. Later the well was plugged from 5115' to 4345' with rock and from 4345' to 4320' with sand, gravel, and lead wool, thus plugging off a non-productive section and possible water. After plugging back to 4320', the well was shot on 6-10-38 with 240 quarts of nitroglycerin from 4259' to 4315'. The shot was tamped with 10' of gravel. After shooting and cleaning out, the well produced 43 bbls. oil in 18 hrs. swabbing. Production estimated at 30 bbls. per day before shooting.

FDG:Jr

DUPLICATE

JLM (4) Bl. OC New Mexico Oil Conservation Commission, Hobbs, New Mexico.

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U. S. GOVERNMENT PRINTING OFFICE 8—6745