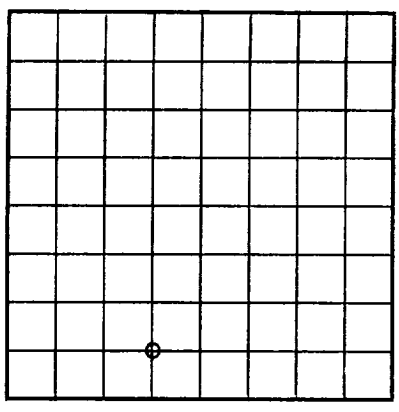
Form 9-330

U. S. Land Office Las Cruces

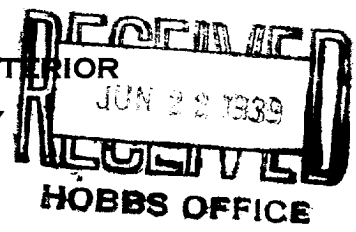
Serial Number

Lease or Permit to Prospect 033706
C. F. Talby (B)



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



DUPLICATE

LOG OF OIL OR GAS WELL

Company The Texas Company Address P. O. Box 1270, Midland, Texas

Lessor or Tract Talby "B" Field Eunice State New Mexico

Well No. 2 Sec. 8 T. 22S R. 37E Meridian NMPM County Lea

Location 1980 ft. {N. / S.} of N Line and 660 ft. {E / W.} of E Line of Section 8 Elevation 3418
(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 A. J. Holland

Date 6-19-39 Title District Superintendent

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

Commenced drilling 1-17, 19 39 Finished drilling 6-13, 19 39

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3594 to 3681 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 3710 to 3720 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 From—	Perforated To—	Purpose
10-3/4	32	8	LA	314'	Regular Pattern				
5½	14	8	LA	3680'	Halliburton Cement Guide				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	360'	200	Halliburton		
5½	3681'	500	" "		

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
Perforated			1000 G	3-4-39		
			250 G	3-10-39		
		Nitro.	350 Qts	3-1-39	3610-3640	

TOOLS USED

Rotary tools were used from 0 feet to 3681 feet, and from feet to feet

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

DATES

, 19 Put to producing March 9th, 19 39

The production for the first 24 hours was 233 barrels of fluid of which 99 % was oil; % emulsion; % water; and % sediment. Gravity, °Bé. 36.8

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

Rock pressure, lbs. per sq. in.

EMPLOYEES

Fred Korns, Driller John Simons, Driller

A. R. Coleman, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	40	40	Sand & Clay
40	115	75	Surface Clay & Shells
115	125	10	Shells
125	190	65	Shells & Red Beds
190	360	170	Red Beds
360	830	470	Shale & Shells
830	1075	245	Shale & Lime Shells
1075	1100	25	Red Rock
1100	1155	55	Anhydrite
1155	1215	60	Red Rock & Lime
1215	1265	50	Red Rock & Shells
1265	1285	20	Salt
1285	1400	115	Salt & Shale
1400	1490	90	Lime & Salt
1490	1580	90	Anhydrite
1580	1710	130	Salt Shells
1710	1780	70	Salt & Shale
1780	1825	45	Salt
1825	1920	95	Anhydrite
1920	2220	300	Lime
2220	2485	265	Salt
2485	2465	46	Anhydrite
2465	2500	35	Gyp
2500	2740	240	Anhydrite
2740	2770	30	Anhydrite & Gyp

(OVER)

C—0745

FORMATION RECORD—Continued

OCC -HNM

FOLD MARK

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
3770	3855	85	Anhydrite
3855	3890	35	Lime
3890	3935	45	Anhydrite
3935	3720	785	Lime.

Total Depth 3720'

Well was plugged back from 3720' to 3681' with lead wool.

Deviation Tests as follows:

500' - 1°
1100' - 2°
1610' - 1¼°
2050' - 1°
2400' - 1°
3100' - 1°
3358' - 1°

HISTORY OF FALBY NO. 2 WELL

This well was drilled to total depth of 3720' with Rotary and at that depth tested 48 barrels fluid 24 hours, 80% BS&W, with Gas Oil Ratio 3900. 4½ x 12 E-D Packer was then run to 3710'. Well was swabbed dry and 24 hour test following flowed total of 20 barrels oil and approximately 20,000 gas. (x) See Below

Company cable tools were moved in and tubing and packer pulled and hole was plugged back to 3709 with lead wool, when well tested 29.04 barrels fluid flowing through 3/4" choke, 24 hours. Well was acidized 3-6-39 with 1000 gallons Dowell XX, after which well flowed 17½ barrels fluid 24 hours with from 6% to 12% BS&W.

Tubing was again pulled and hole plugged back from 3709 to 3707 with lead wool, where 3687' of 2" Tubing and 2 x 4½" E-D Packer was set at 3537. Well then flowed 20 barrels fluid, 23% BS&W in 24 hours.

Tubing and packer was again pulled and hole plugged back from 3707 to 3702 with lead wool & 2" Tubing was run to 3680 with packer at 3530, and well tested 10 barrels fluid flowing 24 hours through 3/4" choke, 0# TP, 0# CP, and 1/10% BS&W. Well was then acidized at this depth on 4-10-39 with 250 gallons Dowell "X". Results of this acid, well flowed 27 barrels fluid 11 hours 65% BS&W.

Tubing and packer was again pulled and hole plugged back from 3702 to 3694 with lead wool. 2" Tubing was re-run to 3680 and 2 x 4½ Guiberson Spiral packer set at 3500', and well tested 11 barrels oil, no water, flowing 24 hours through 3/4" Choke.

While at plugged back depth of 3694, well was shot on 5-1-39 with 35 quarts Nitro from 3690 to 3645. Well was subsequently cleaned out to bottom and 2" Tubing was run to 3680 with 4½ x 2 Guiberson Spiral packer set at 3500', well then tested 16 barrels fluid flowing 24 hours with 8% BS&W.

CONT'D ON PAGE 4

CASING AND CEMENTING RECORD

U. S. GOVERNMENT PRINTING OFFICE 6—6745

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 shot or cracked 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.

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From—	Perforated To—	Purpose

CASING RECORD

*Tubing and packer was again pulled and on 6-5-39 dumped 5 sacks Starcor Cement. Top of plug was then found to be 3688' and on 6-6-39, dumped 5 more sacks which brought plugged back depth to 3681. 2" tubing was re-run to bottom and 2 x 4½ Robinson 3-in-1 packer at 3500'.

Well was completed 6-13-39 at total plugged back depth of 3681' with initial production of 10 barrels fluid flowing 11 hours through tubing, 12% BS&W, with gas oil ratio of 3915.

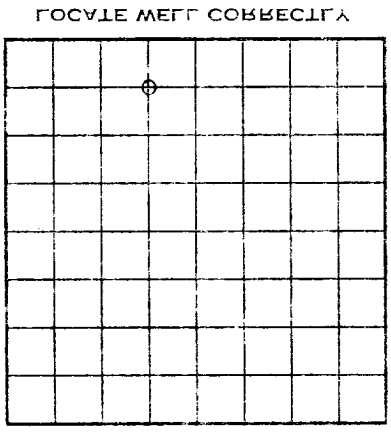
OIL OR GAS SANDS OR ZONES

LFS-DAT
6-20-39

(x) Well was initially completed on 3-9-39 with initial production of 25 barrels oil 24 hours at total depth of 3720' and for month of March, April, May & June, 1939, this well produced as follows:

March - 499 bbls oil
April - 516 bbls oil
May - 629 bbls oil
June - 642 bbls oil up to & including 6-20-39

LOCATE WELL CORRECTLY



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LOG OF OIL OR GAS WELL

DUPLICATE

GEOLOGICAL SURVEY

DEPARTMENT OF THE INTERIOR

UNITED STATES

HOBBS OFFICE

RECEIVED

LEASE OR PERMIT TO PROSPECT

SERIAL NUMBER

U. S. LAND OFFICE