

BEFORE EXAMINER CATANACH
OIL CONSERVATION DIVISION

OCD EXHIBIT NO. 5

CASE NO. 12981

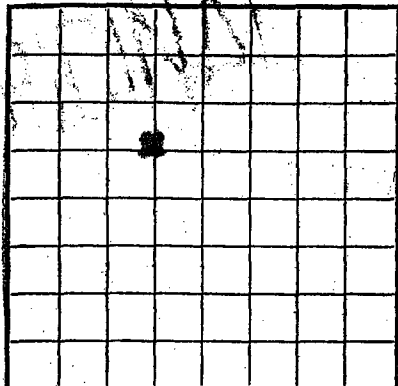
Budget Bureau No. 42-R-355.8.
Approval expires 12-31-55.

U. S. LAND OFFICE **Lee Gruesz**

SERIAL NUMBER **062368**

LEASE OR PERMIT TO PROSPECT

Form 9-330



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **The Texas Company** Address **Box 1720, Fort Worth, Texas**
Lessor or Tract **C. E. Penny N07-4** Field **Langlie-Mattix** State **New Mexico**
Well No. **2** Sec. **19** T. **25S** R. **30E** Meridian **NMPN** County **Lee**
Location **1980** ft. [S.] of **N** Line and **1650** ft. [E.] of **W** Line of **Sec. 19** Elevation **3081' (DP)**
(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 **November 18, 1955**

Title **Asst. Dist. Supt.**

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

Commenced drilling **10-7**, 19**55** Finished drilling **10-27**, 19**55**

Oil or gas sands or zones in it plus

Oil or gas sands or zones in it plus

No. 1, from **3383** to **1215** No. 4, from to

No. 2, from to No. 5, from to

No. 3, from **1320** to **1200** No. 6, from to

Well drilled with rotary and surface casing

No. 1, from **1320** to **1200** No. 2, from to

No. 3, from **1320** to **1200** No. 4, from to

No. 5, from **1320** to **1200** No. 6, from to

No. 7, from **1320** to **1200** No. 8, from to

No. 9, from **1320** to **1200** No. 10, from to

No. 11, from **1320** to **1200** No. 12, from to

No. 13, from **1320** to **1200** No. 14, from to

No. 15, from **1320** to **1200** No. 16, from to

No. 17, from **1320** to **1200** No. 18, from to

No. 19, from **1320** to **1200** No. 20, from to

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	962'	1000	Hallib.		
5 1/2"	3260'	400	Hallib.		

ARK

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 0 feet to 3415 feet, and from feet to feet	
Cable tools were used from feet to feet, and from feet to feet	

DATES	
, 19	Put to producing 11-11, 1955
The production for the first 24 hours was 192 barrels of fluid of which 71.6% was oil; 0% emulsion 28.4% water; and 0% 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	
W. C. Davis, Driller	G. H. Breland, Driller
C. H. Edward, Driller	, Driller

FORMATION RECORD			
FROM—	TO—	TOTAL FEET	FORMATION
0	120	120	Surface Sand
120	556	436	Red Bed
556	905	349	Red Rock
905	1108	203	Anhy
1108	2390	1282	Salt & Anhy
2390	2391	1	Anhy
2391	2537	146	Anhy & Gyp
2537	2591	54	Anhy & Sand
2591	2838	247	Anhy & Gyp
2838	2903	65	Anhy & Limg.
2903	3413	512	Limg.
	3415		Top of Anhy 3590'
			Top of Salt 3591'
			Base of Anhy 3702'
			Top of Gyp 3828'
			Top of Quartz 3829'
			1000' - 3829'
			200' - 3829'
			300' - 3829'
			370' - 3829'

All measurements from rotary table or 11' above ground.

FORMATION RECORD—Continued

FORMATION RECORD—Continued

[illegible]

3300	100	1000	100	100	100
100	100	100	100	100	100
100	100	100	100	100	100
100	100	100	100	100	100
100	100	100	100	100	100
100	100	100	100	100	100

MIDDING AND CEMENTING RECORD

HISTORY OF OIL OR GAS WELL

10-42004-2 U. S. GOVERNMENT PRINTING OFFICE

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 the water, state kind of material used, position, and results of pumping or bailing.

Well was drilled to a depth of 3260' and 5 1/2" casing set at 3260' with 400 sacks cement. Drilled out casing and drilled open hole to 3381'. Washed open hole from 3260'-3381' with 500 gals. of mud and acid on 10-22-55. Reversed out acid and fractured open hole from 3260'-3381' with 10,000 gals. heavy oil carrying 1 lb. of sand per gallon on 10-23-55. Swabbed 35 bbls. of fluid in 10 hrs. Drilled to total depth of 4215' and washed open hole from 3260'-4215' with 500 gals. mud and 10-24-55. Fractured open hole from 3260'-4215' with 15,000 gals. heavy oil with 1 lb. of sand per gallon on 10-27-55. Well flowed 20 bbls. of lead oil in 30 minutes.

On official test ending 7 PM 11-11-55, well swabbed 63 bbls. of 36 gravity oil and 25 bbls. of gas under 20 lbs. pressure in 11 hrs.

Commenced drilling 10-5 1955 Finished drilling 10-31 1955

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

Date November 14, 1955

Time used 5:15 PM

so far as can be determined from all available records.

The information given hereafter is a complete and correct record of the well and all work done thereon

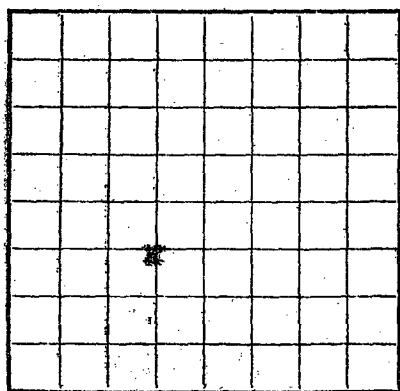
Location 1280 ft. S. of N. Line and 1230 ft. E. of E. Line of Sec. 10 Elevation 3087. (10)

Well No. S 260 to 327 Base Meridian North County Lee

Lesser of 1280 C. E. Leavelle No. 1-7 Elevation 3087-3088 State New Mexico

Company The Leavelle Company Address Box 1130, Lordsburg, Texas

LOCAL WELL CORRECTION



LOG OF OIL OR GAS WELL

GEOLOGICAL SURVEY

DEPARTMENT OF THE INTERIOR

UNITED STATES

LEASE OR PERMIT TO PROSPECT

SERIAL NUMBER 003378

U. S. LAND OFFICE FOR CLERK

ADDRESS EXPIRES 12-31-57
BUREAU BUREAU NO. 43-B-3223