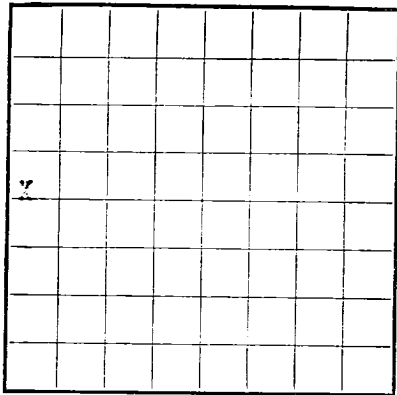




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Hobbs
HOBBS OFFICE 10-2368
SERIAL NUMBER 000

LEASE OR PERMIT TO PROSPECT

1960 JAN 12 AM 10:49
UNITED STATESDEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company TEXACO Inc. Address P. O. Box 352, Midland, Texas
Lessor or Tract C. E. Penry NCT-4 Field Justis McKee State New Mexico
Well No. 4 Sec. 19 T. 25-S R. 38-E Meridian NTPM County Lea
Location 2310 ft. W of N Line and 330 ft. E of N Line of Section 19 Elevation 3078'
(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 [Signature]
Title Assistant District Superintendent

Date December 17, 1959

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

Commenced drilling October 12, 1959 Finished drilling December 2, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 7145' to 7164' No. 4, from 7233' to 7238'
No. 2, from 7183' to 7188' No. 5, from 7251' to 7265'
No. 3, from 7211' to 7231' No. 6, from _____ to _____
Drilled with Rotary Tools and no water sands tested.

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—	
13 3/8	48.00	8 RT	H-40	865'	Baker	None	None	None	Surface
9 5/8	36.00	8 RT	J-55	3431'	Howco	None	None	None	Production
7	26.00	8 RT	H-80	7856'	Howco	None	See	above	Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8	880'	750	Howco		
9 5/8	3441'	1700	Howco		
7	7867'	900	Howco		

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 0 feet to 7894 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

December 17, 1959 Put to producing December 14, 1959
For tests of each zone, see copies of NMOC Form 3-124 attached
The production for the first 24 hours was 105 barrels of fluid of which 100% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. 13.0

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

C. R. Ward, Driller A. L. Webster, Driller
S. M. Trout, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	220	220	Caliche
220	782	562	Red Bed
782	1200	418	Anhy & Red Bed
1200	2255	1055	Anhy & Salt
2255	2355	100	Anhy
2355	2701	346	Anhy & Gyp
2701	2866	165	Anhy
2866	3117	281	Anhy & Line
3117	4594	1447	Line
4594	5507	913	Line & Dolomite
5507	7137	1630	Line
7137	7308	171	Line & Sand
7308	7374	66	Line & Shale
7374	7839	465	Sand & Shale
7839	7894	55	

Total Depth 7894'Open Hole 7867' to 7894'

All measurements from Rotary Table are 11' above ground level

ESTIMATE NO. 7025

4 - U.S.G.S.
1 - NMOC
1 - Field
1 - Division
1 - File

[OVER]

FROM-	TO-	TOTAL FEET	FORMATION
ANDY	795		
F. Salt	1708		
B. Salt	2190		
Yates	2373		
San Andres	3653		
Alarieta	4759		
Hubbard	5803		
Drinkard	6070		
Stimpson	6950		
McKee	7143		
Ellenburger	7680		
Formation Tops			
Depth			
240			
510			
1360			
1630			
2000			
2350			
2760			
3005			
3530			
3880			
4220			
4590			
4770			
4940			
5140			
5500			
5670			
5930			
6060			
6160			
6739			
6865			
7105			
7270			
7470			
7720			
7894			
Deviation Record			
Degrees Off			
3/4			
2 1/4			
1 3/4			
3/4			
2 1/2			
3			
1			
1 1/2			
3005			
2760			
3530			
3880			
4220			
4590			
4770			
4940			
5140			
5500			
5670			
5930			
6060			
6160			
6739			
6865			
7105			
7270			
7470			
7720			
7894			

INCHES (WHOLLY) 555