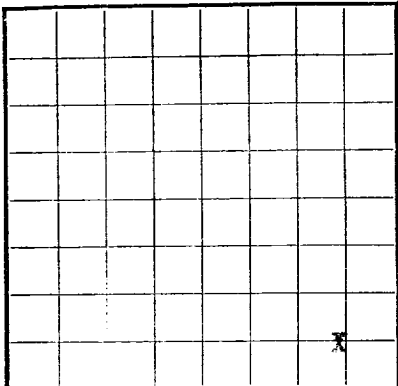


U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **032545 (a)**
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company **TEXACO Inc.** Address **P. O. Box 352 - Midland, Texas**
Lessor or Tract **E. E. Elinebry (a)** Field **Langlie Mattix** State **New Mexico**
Well No. **3** Sec. **31** T. **23S** R. **37E** Meridian **NMP** County **Lea**
Location **660** ft. **N** of **S** Line and **660** ft. **W** of **E** Line of **Section 31** Elevation **3317'** (DF)
(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 **April 4, 1961**

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

Commenced drilling **March 15**, 19**61** Finished drilling **March 24**, 19**61**

Please see reverse side OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from **3512'** to **3550'** No. 4, from **3600'** to **3603'**
No. 2, from **3566'** to **3578'** No. 5, from **3606'** to **3615'**
No. 3, from **3589'** to **3598'** No. 6, from **3618'** to **3622'**

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—	
10-3/4	24.00	8-R	H-40	281'	HOWCO	None	None	None	Surface
7-5/8	24.00	8-R	H-40	1153'	HOWCO	None	None	None	Intermediate
2-7/8	6.40	8-R	J-55	3660'	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
10-3/4	294'	250	HOWCO		
7-5/8	1164'	400	HOWCO		
2-7/8	3670'	400	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 _____ feet to **3670** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

April 4, 19**61** Put to producing **April 1**, 19**61**

The production for the first 24 hours was **151.28** barrels of fluid of which **100** % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. **37.9**

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

J. A. Sewell, Driller **L. D. Funk**, Driller
L. L. Fraley, Driller **M. F. Young**, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	200	200	Caliche
200	1158	958	Redbed
1158	1253	95	Anhy
1253	1265	12	Top of Salt
1265	2768	1503	Anhy & Salt
2768	2950	182	Anhy & Gyp
2950	3130	180	Top of Yates
3130	3510	380	Top of Queen
3510	3574	64	Top of Penrose
3574	3670	96	Line
Total Depth	3670		
PE TD	3663		

All measurements from rotary table or **10'** above ground level.

ESTIMATE No. **5437**

FORMATION TOPS

4	-	U.S.G.S.	Anhy	1158'
1	-	HOWCO	T Salt	1253'
1	-	Division	B Salt	2768'
1	-	Field	Yates	2950'
1	-	File	Queen	3510'
1	-		Penrose	3574'

[illegible]

On 9 hr PL well flowed 60-50 HO thru 18/64" choke ending 12:00 midnight April 2, 1961.

The formation above this is a shale and is not a part of the well or work done thereon.

and 2000 lbs sand in each well.

Acidize with 1000 GAL 15% HCl. Plug with 2000 Gals refined oil

3638' to 3648'. Acidize with 1000 GAL 15% HCl. Plug with 2000 Gals refined oil

3648' to 3658'. Acidize with 1000 GAL 15% HCl. Plug with 2000 Gals refined oil

3658' to 3668'. Acidize with 1000 GAL 15% HCl. Plug with 2000 Gals refined oil

Perforate 2-7/8" OD casing with 2 jet shots per ft. 3512' to 3550', 3556' to 3578'.

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

Completed 0:30 P.M. March 27, 1961.

Tested before and after drilling plug for 30 min with 1500 psi. Tested O.K. Job

Ran 3601' at 2:17 PM testing and reported as 3670' with 400 sx Incon. Plug at 3663'.

(Drops are 0.7)

March 25, 1961.

Spudded 5" hole 5:00 P.M. March 15, 1961. Run 251' of 10-3/4" OD casing and cemented at 294' with 250 sacks regular. Plug at 279'. Cement circulated. Tested before and after drilling plug for 30 min with 600 psi. Tested O.K. job complete 5:00 A.M. March 17, 1961.

New 1152' at 7-5/8" OD casing and cemented at 1130' with 300 sacks Inconel 7% gel and 100 sacks cement circulated. Plug at 1130'. Tested before and after drilling plug for 30 min with 1000 psi. Tested O.K. job complete 7:30 A.M. March 19, 1961.

IMPORTANT WATER SANDS

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of logging, 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 "sinkerhooked" 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 reasons of plugging or bailing.

HISTORY OF OIL OR GAS WELL.

FROM -	TO -	TOTAL FEET	FORMATION
			DEATH RECORD ALL THE END OF COMP. BELLERS Degree of 260 560 860 1106 1743 1929 2107 2360 2870 3110 3221 3472 3621 3710 1/4 1/4 1/2 1/4 1/4 1-3/4 2-3/4 2-3/4 3-1/2 3 2-1/2 2 2