

U. S. LAND OFFICE New MexicoSERIAL NUMBER 0-33775

LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company TEXACO Inc. Address Box 728, Hobbs, New Mexico
Lessor or Tract Leo R. Manning Fed. "B" NCT-1 North Benson Queen
Field Grayburg State New Mexico
Well No. 3 Sec. 28 T. 18-S R. 30-E Meridian NMPM County Eddy
Location 330 ft. [N.] of S Line and 330 ft. [W.] of E Line of Section 28 Elevation 3481' 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 _____

Date April 16, 1963Title Assistant District Superintendent

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

Commenced drilling March 7, 1963 Finished drilling March 20, 1963

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

See Attached Sheet

No. 1, from _____ to _____ No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

Drilled with rotary tools. **IMPORTANT WATER SANDS**

No. 1, from _____ to _____ No water sands tested.
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		Purpose
							From—	To—	
7-5/8"	16.28	8	Weld	514	Dowell	None	None	None	Surface
4-1/2"	9.5	8	J-55	13128	Dowell	None	None	None	Intermediate

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7-5/8"	524'	450	Dowell		
4-1/2"	3349'	300	Dowell		

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 3350 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

March 20, 1963 Put to producing April 14, 1963

The production for the first 24 hours was 258 barrels of fluid of which 95 % was oil; _____ % emulsion; 5 % water; and _____ % sediment.

Gravity, °Bé. 30

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

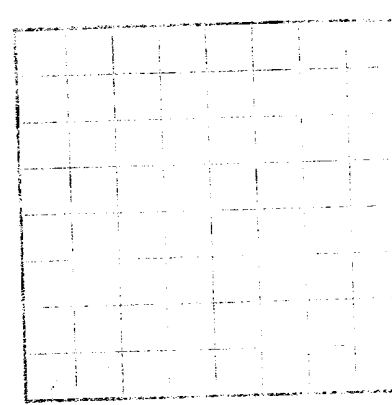
T. E. Bingham, Driller W. J. Botkin, Driller
Roy Solomon, Driller J. W. Dyer, Sr., Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0'	300'	300	Caliche
300'	956'	656'	Redbed
956'	1580'	624	Anhy & Salt
1580'	2100'	520	Anhy & Gyp
2100'	2545'	445	Anhy, Gyp & Lime
2545'	3350'	805	Lime
TD	3350'		

All Measurements from Rotary
Table or 4' above Ground Level.

USGS-5
NMOCC-1
File-1
Field-1
Division-1



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

NO OIL OR GAS SANDS ON ZONES

SEE ATTACHED SHEET

HISTORY OF OIL OR GAS WELL

FORMATION RECORD—Continued

Leo R. Manning Fed "b" NCT-1 #3

Spudded 9-7/8" hole 3:00 p.m., March 7, 1963. Ran 524' of 7-5/8" OD casing and cemented at 524'. Cement with 350 sacks of Incor 4% Gel and 100 sacks of Class "A" cement. Plug at 498'. Job complete 6:17 a.m., March 8, 1963. Tested 7-5/8" OD casing before & after drilling plug with 600 psi. Test ok. Job complete March 9, 1963.

Ran 3338' of 4-1/2" OD casing and cemented at 3349' with 300 sacks of Incor with 10% salt. Plug at 3347'. Job complete 4:30 a.m. March 20, 1963. Tested 4-1/2" OD casing for 30 minutes before & after drilling plug with 1000 psi. Test ok. Job complete 8:00 a.m., March 21, 1963.

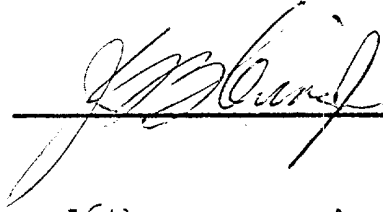
Ran electric logs March 27, 1963.

Perforate 4-1/2" OD casing with 1 jet shot per interval - 2806', 2813', 3015', 3022', 3332', 3336', 3345'. Acidize above perforations with 800 gals 15% LST NEA in 8-100 gallon stages with ball sealers between stages. Frac above perforations with 30,000 gals of refined oil.

On 24-hr. potential test well pumped 246 B0 and 12 BW.

Gravity - 30°
GOR - 385
Top of Pay - 2806'
Bottom of Pay - 3345'
USGS Date - 3-20-63
TEXACO Date - 4-15-63

I J. G. Blevins, Jr. being of lawful age and being the
Assistant District Superintendent for Texaco Inc., do state that the
deviation record which appears on this form is true and correct to the best of my
knowledge.



Subscribed and sworn to before me this 16th day of April 1963.
My Commission Expires October 20, 1966.
for Lea County, State of New Mexico Notary Republic R. E. Johnson
R. E. Johnson

Lease Leo R. Manning Federal "b" NCT-1 Well No. 3

Deviation Record

<u>Depth</u>	<u>Degrees Off</u>
450	1/4
750	1/2
968	1/2
1400	1/2
1801	1
2328	3/4
2575	1/2
2912	3/4
3225	1/2
3350	1/2