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For approved.
Budget Bureau No. 42-R355.4.

U. S. LAND OFFICE

SERIAL NUMBER 44-38861-5

LEASE OR PERMIT TO PROSPECT -----

FEB 1 1963
 UNITED STATES
 DEPARTMENT OF THE INTERIOR
 U. S. GEOLOGICAL SURVEY
 ARTESIA, OFFICE

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **TEXACO Inc.** Address **P.O. Box 728, Hobbs, New Mexico**
 Lessor or Tract **L. R. Manning Fed. "b" NCT-1** Field **North Benson Queen** State **New Mexico**
 Well No. **2** Sec. **27** T. **18-S** R. **30-E** Meridian **NMPM** County **Grayburg** Eddy
 Location **660** ft. **N** of **S** Line and **560** ft. **E** of **W** Line of **Sec. 27** Elevation **3445'**
(Describe from 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.

Date January 21, 1963

Assistant District Superintendent

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

Commenced drilling October 26, 1963 Finished drilling January 9, 1963

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

(Don't put a 0)

No. 1, from <u>See attached</u> to _____	No. 4, from _____ to _____
No. 2, from _____ to _____	No. 5, from _____ to _____
No. 3, from _____ to _____	No. 6, from _____ to _____

IMPORTANT WATER SANDS

IMPORTANT WATER SANDS

No. 1, from <u>335'</u> to <u>345'</u>	No. 3, from <u>2788'</u> to <u>2805'</u>
No. 2, from <u>1782'</u> to <u>1801'</u>	No. 4, from _____ to _____

CASTING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8"	522'	450	Howco		
7"	2740'	-	Aguagel	-	50 bx
4-1/2"	3299'	600	Howco		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.
Cable tools were used from 0 feet to 3300' feet, and from _____ feet to _____ feet.

DATES

January 21, 19**63** Put to producing **January 17**, 19**63**

The production for the first 24 hours was 432 barrels of fluid of which 100% was oil; -% emulsion; -% water; and -% sediment. Gravity, °Bé. 32.2

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

Rock pressure, lbs. per sq. in.

EMPLOYEES

EMPLOYEES	
D. M. Walters	J. M. Bradford
Driller	Driller
K. M. Bereutz	
Driller	Driller

FORMATION RECORD

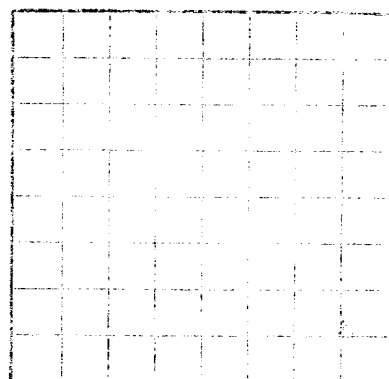
FROM—	TO—	TOTAL FEET	FORMATION
0	30'	30'	Caliche
30'	60'	30'	Redbed
60'	250'	190'	Redbed and shale
250'	355'	105'	Sand and shale
355'	671'	316'	Sand
671'	1435'	764'	Anhy & Sand
1435'	2315'	880'	Lime and Anhy
2315'	2395'	80'	Lime
2395'	2440'	45'	Lime and Anhy
2440'	2515'	75'	Lime
2515'	2625'	110'	Lime and Anhy
2625'	3300'	675'	Lime
3300' TD SALT PBTB SPTT I # T.D. 1-#MOCC 1-File 1-Field 1-Division	I I I I I I I O DCELSG2		
Dedip		OLL	
	DEAFULION RECORD		ROMIVATION JOLE

[OVER]
LOMAVILLO RECORDS - CONTINUING

16-43094-5

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
UNITED STATES
GEOLOGICAL SURVEY
WASHINGTON, D. C.



Company _____
Location _____
The information given here is a complete record of the well and all work done thereon
as far as can be determined from all available records.
The information on this page is for the condition of the well at the time of
completion of the well.

OIL OR GAS SANDS OR ROCKS

No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 from _____ to _____

IMPORTANT WATER SANDS

No. 1 from _____ to _____
No. 2 from _____ to _____

SEE ATTACHED SHEET

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 the size and location. If the well has been dynamited, give date, 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.

HISTORY OF OIL OR GAS WELL

FROM—		TO—	TOTAL FEET		FORMATION	
Depth		Degrees Off	FORMATION RECORD		FORMATION TOPS	
535'	0	1/4	FORMATION RECORD		FORMATION TOPS	
891'	1/4	1/4				
1277'	1/4	1/4				
1744'	1/4	1/4				
2345'	1/4	1/4				
2977'	1/4	1/4	FORMATION RECORD		FORMATION TOPS	
3300'	1/2	1/2				
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Spudded 11-1/4" hole 3:00 A. M., October 26, 1962. Ran 519' of 9-5/8" O.D. Casing (19.37 lb. - Spiral Weld) and cemented at 522'. Cemented 9-5/8" O.D. Casing with 400 sx 4% gel and 50 sx regular. Cement circulated. Plug at 502'. Job complete 9:00 P. M. November 2, 1962. Bailed casing dry. Tested plug 9:00 to 9:30 P. M. November 3, 1962. No fluid entry, drilled out plug. Bailed hole dry. Tested 6:00 to 6:30 P. M. November 4, 1962. No fluid entry. Tested OK. Job complete 6:30 M., November 4, 1962.

Ran logs November 14, 1962.

Core No. 1. From 2740' to 2788' (Rec 41') Slight show of oil at 2760' to 2764', 2765' to 2770', 2770' to 2781'. Bailed hole dry.

Core No. 2 - From 2950' to 3000'. (Rec 100%) Slight show of oil at 2951'. Bailed hole dry.

Ran 2738' of 7" O. D. Casing (23.0 lb. J-55) and set at 2740'. Mud up behind pipe with 50 sx Aquagel. Bailed hole dry.

Ran 3298' of 4-1/2" O. D. Casing (9.5 lb. J-55) and set at 3299'. Plug at 3297'. Pulled 2738' of 7" casing (all of 7"). Cemented 4-1/2" casing with 500 sx Class "A" cement. Used 10% salt by weight of mix water. Job complete 11:30 P. M., January 10, 1963.

Ran Gamma Ray Neutron Logs January 12, 1963.

Perforate 4-1/2" O. D. Casing with 1 shot per foot at 2771'; 2775', 2780', 2975', 2985', 3280', 3294'. Acidize with 500 gal 15% LSTNEA. Used 10 ball sealers. Reacidize with 1000 gals LSTNEA and 20,000 gals ref. oil with 1.5 lb. sand per gallon. Rate 22.5 BPM.

On 4 hour Potential Test ending 12:40 P. M., January 18, 1963, well flowed 72 B0 and 0 water through 24/64" choke.

GOR - 276

Gravity - 32.2

Top of Pay - 2771'

Bottom of Pay - 3294'

USGS Date - January 9, 1963

TEXACO Inc. Date - January 18, 1963

RECEIVED
JAN 31 1963
U. S. GEOLOGICAL SURVEY
ARIZONA, NEW MEXICO