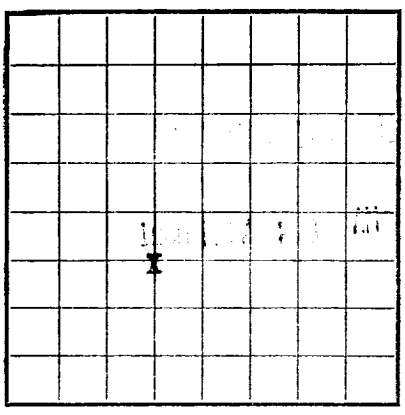
Form 9-330

1 t Bureau No. 42-R355.4.
Approval expires 12-31-60.

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER LC-062300
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company TEXACO Inc. Address P.O. Box 352, Midland, Texas

Lessor or Tract G.E. Jordan Federal NCT-1 Field Undesignated State New Mexico

Well No. 2 Sec. 15 T. 25-S R. 32-E Meridian NMPM County Lea

Location 1980 ft. [N./S.] of S Line and 1980 ft. [E./W.] of W Line of Section 15 Elevation 3434 (D.F.)
(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 M B Rolland

Date November 25, 1960 Title Assistant District Superintendent

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

Commenced drilling November 11, 1960 Finished drilling November 17, 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4676 to 4690 No. 4, from ____ to ____

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

No. 3, from ____ to ____ 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 From—	Perforated To—	Purpose
7-5/8"	24.00	8rd	Nat'l	352'	Baker	None	4676'	4690'	Production
4-1/2"	9.50	8rd	Nat'l	4730'	Baker	None			

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7-5/8"	352'	300	Howco		
4-1/2"	4730'	150	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 4730 feet, and from ____ feet to ____ feet

Cable tools were used from ____ feet to ____ feet, and from ____ feet to ____ feet

DATES

November 25, 1960 Put to producing November 22, 1960

The production for the first 24 hours was 234 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment.

Gravity, °Bé. 40.0

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

Rock pressure, lbs. per sq. in. ____

EMPLOYEES

J. W. Moon, Driller M. B. Holland, Driller

B. E. Thomas, Driller J. C. Chappell, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	255	255	Caliche
255	781	526	Red Bed
781	1157	376	Salt
1157	1508	351	Anhy
1508	4397	2889	Anhy & Salt
4397	4623	226	Anhy & Dolomite
4623	4648	25	Lamar Lime
4648	4730	82	Lime
Total Depth	4730		
PBTD	4720		

All measurements from rotary table or 8' above ground level.

Estimate No. 5345
4 - USGS
1 - NMOCC
1 - Division
1 - Mrs. Rhea
1 - Field
1 - File

Formation Tops

Top of Anhy	781'
Top of Salt	1157'
Base of Salt	4397'
Top of Lamar Lime	4623'
Top of Delaware Sand	4648'

(OVER)

16—43094-4

FORMATION RECORD—Continued

(OVER)

FROM—	TO—	TOTAL FEET	FORMATION

Deviation Record

Depth	Degrees Off
353'	1/4
661'	1/2
975'	1/2
[illegible]	3/4
[illegible]	3/4
[illegible]	3/4
[illegible]	1-1/2
[illegible]	1-3/4
2952'	1-3/4
3108'	2-3/4
3565'	2-3/4
3852'	2
4440'	2-1/2
4730'	2-1/2

Formation Tops

781	Top Anhy
1157	Top Salt
4397	Base of Salt
4623	Top Lamar Lime
4648	Top Delaware Sand

All measurements from rotary table or 8' above ground level.

Distribution No. 5245
1 - USGS
1 - NMOCC
1 - [illegible]
1 - Mrs. [illegible]
1 - Field
1 - File

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	255	255	Caliche
255	781	526	Red Bed
781	1157	376	Salt
1157	1508	350	Anhy
1508	4397	2889	Anhy & Salt
4397	4623	226	Anhy & Dolomite
4623	4648	25	Lamar Lime
4648	4730	82	Lime
Total Depth	4730		
PBTD	4720		

EMPLOYEES

E. W. Moon, Driller [illegible] Holland, Driller

R. E. Thomas, Driller J. G. Chappell, Driller

DATES

Put to producing November 24, 19 60

The production for the first 24 hours was [illegible] barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity, °Bé. 40.0

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

Rock pressure, lbs. per sq. in. ...

TOOLS USED

Rotary tools were used from 0 feet to 4730 feet, and from ... feet to ... feet

Cable tools were used from ... feet to ... feet, and from ... feet to ... feet

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

PLUGS AND ADAPTERS

Heaving plug—Material ... Length ... Depth set ...

Adapters—Material ... Size ...

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7-5/8"	352'	300	Howco		
4-1/2"	4730'	150	Howco		

HISTORY OF OIL OR GAS WELL

16—48094-2 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 for water, state kind of material used, position, and results of pumping or bailing.

G.E. JORDAN FEDERAL NCT-1 WELL No. 2

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From—	Perforated To—	Purpose

Spudded 9-7/8" hole 3:00 A.M. November 11, 1960. Ran 340' of 7-5/8" O.D. casing and cemented at 352' with 300 sx Incor. Plug at 325'. Cement circulated. Tested 7-5/8" O.D. casing for 30 minutes with 1000 PSI before and after drilling plug. Tested OK. Job complete 3:30 P.M. November 12, 1960.

IMPORTANT WATER SANDS

Drilled with rotary tools and no water sands tested.

Ran 4720' of 4-1/2" O.D. casing and cemented at 4730' with 150 sx Incor 4% Gel. Plug at 4700'. Tested 4-1/2" O.D. casing for 30 minutes with 1500 PSI before and after drilling plug. Tested OK. Job complete 11:00 A.M. November 19, 1960.

Perforated 4-1/2" O.D. casing with 2 jet shots per ft from 4676' to 4690'. Washed perforations with 250 gals MA.

OIL OR GAS SANDS OR ZONES

No. 1, from 4676' to 4690' No. 4, from ... to ...

On 12 Hr PT well flowed 117 BO and no wtr thru 10/64" choke ending 7:00 A.M. November 24, 1960. GOR - 163. Gravity - 40.0. Top of Pay - 4676'. Btm of Pay - 4690'. NMOCC date - November 17, 1960. Texaco Inc. date - November 24, 1960.

Commenced drilling November 11, 1960. Finished drilling November [illegible], 1960.

Date November 25, 1960 Title Assistant District Superintendent

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]

Location 1980 ft. N/S of S Line and 1980 ft. E/W of [illegible] Line of Section 15 Elevation 3634'(D.F.) (Derrick floor relative to sea level)

Well No. 2 Sec. 15 T. 24-S R. 32-E Meridian NMPM County Lea

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Company Texaco Inc. Address P.O. Box 352, Midland, Texas

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

GEOLOGICAL SURVEY
DEPARTMENT OF THE INTERIOR
UNITED STATES

Lease or Permit to Prospect
Serial Number LC-062300
U. S. Land Office Las Cruces

Form 9-330

Budget Bureau No. 42-R356.4.
Approval expires 12-31-60.