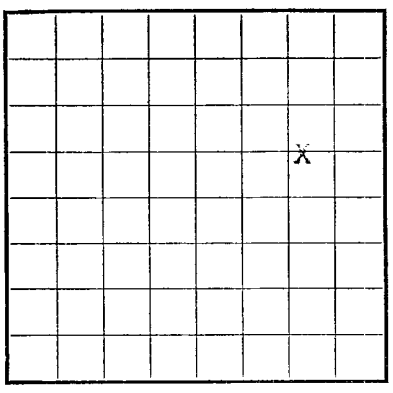
Budget au No. 42-R355.4.
Approva. xpires 12-31-60.

Form 9-330

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 03210
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 720 - Hobbs, New Mexico
Lessor or Tract A. H. Blinebry "CT-1" Field Drinkard Blinebry State New Mexico
Well No. 12 Sec. 19 T22-S R37-E Meridian NMPM County Lea
Location 1980 ft. {N./S.} of S. Line and 990 ft. {E./W.} of W. Line of Section 19 Elevation (3437) 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 October 5, 1961 Title Assistant District Superintendent

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

Commenced drilling August 3, 1961 Finished drilling September 1, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from See attached sheet to
No. 2, from to
No. 3, from to
No. 4, from to
No. 5, from to
No. 6, from to

Drilled with rotary tools and no water sands tested.

IMPORTANT WATER SANDS

No. 1, from to
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 From—	Perforated To—	Purpose
9 5/8	36.00	8R	J-55	1243	Howco	None	None	None	Surface
7	23.00	8R	J-55	6030	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
9 5/8	1299	700	Howco		
7	6030	700	B&J Service		

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 7200 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

October 5, 1961 Put to producing September 29, 1961

The production for the first 24 hours was 527 barrels of fluid of which 100 % was oil; -- % emulsion; -- % water; and -- % sediment. Gravity, °Bé. 41.0

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

Rock pressure, lbs. per sq. in.

EMPLOYEES

Roy Soluman, Driller T. F. Young, Driller
[illegible], Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	200	200	Caliche
200	1122	922	Redbed
1122	1262	140	Redbed & Anhy
1262	1299	37	Anhy
1299	2575	1276	Anhy & Salt
2575	3701	1126	Anhy & Gyp
3701	3703	2	Anhy & Lime
3703	4671	968	Lime
4671	5233	562	Lime & Anhy
5233	6891	1658	Lime
6891	7070	179	Lime & Anhy
7070	7200	130	Lime
Total Depth		7200	

Open Hole 6030 to 7200

All measurements from rotary table or 10' above ground level

Estimate No. 7-11
4 - USGS
1 - NMOCC
1 - Division
1 - File
1 - Field

Formation Tops
Top of Anhy - 1262'
Top of Salt - 1491'
Btm of Salt - 2515'
Top of Yates - 2600'
Top of San Andres - 4020'
Top of Glorieta - 5168'
Top of Drinkard - 6417'
Top of Blinebry - 5590'
Top of Tubbs - 6137'

16—48994-4

(OVER)

FOLD | MARK

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
			Deviation Record
			Depth — Degrees Off
			269 — 1/2
			529 — 3/4
			891 — 1
			1281 — 3/4
			1760 — 3/4
			2004 — 3/4
			2367 — 3/4
			3020 — 1
			3744 — 3/4
			4055 — 1
			4208 — 3/4
			4837 — 1
			5147 — 1
			5457 — 1 1/4
			5753 — 1/2
			5920 — 1/2
			6470 — 1
			6790 — 2
			7200 — 2

HISTORY OF OIL OR GAS WELL

16—43094-2 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.

See attached sheet

WELL RECORD A. H. BLINEBRY NCT-1 WELL NO. 12

Spudded 12 1/2" hole 2:00 a.m. August 3, 1961. Ran 1283' of 9 5/8" O.D. casing and cemented at 1299' with 500 sx Reg, 4% Gel and 200 sx NEAT. Cement circulated. Plug at 1267'. Tested 9 5/8" O.D. casing before and after drilling cement plug for 30 minutes with 1000 PSI. Tested O.K. Job complete 8:00 a.m. August 6, 1961.

DST #1 5135' to 5185' tool open 2 hrs. w/ fair blow increasing to strong blow in 1 hr. No fluid to surface. Rec 260' O & GCM & 250' mud cut w/sul water. HI & HO 2735# ISIP 713# IFP 100# FFP 234# FSIP 368# Complete 9:30 a.m. 8-18-61.

DST #2 5590' to 5740' tool open 1 hr with weak blow thru out. No fluid to surface. Rec 500' DM. ISIP 220# IFP 122# FFP 155# FSIP 197# HI 3018# HO 3004# Complete 2:00 p.m. 8-21-61.

DST #3 6170' to 6300' tool open 2 hrs Gts in 7 minutes Rec 1350' O & GCM. ISIP 1350# IFP 350# FFP 385# FSIP 1665# HI & HO 3485# Complete 9:00 a.m. 8-26-61.

Ran 6838' of 7" O.D. casing and cemented at 6850' with 400 sx Incor. Plug at 6828'. Tested 7" O.D. casing before and after drilling cement plug for 30 minutes 1000 PSI. Tested O.K. Ran electric logs September 6, 1961.

DRINKARD ZONE:
Acidize open hole 6850' to 7200' with 9000 gals LST NEA.

BLINEBRY ZONE:
Perforate 7" O.D. casing 5591' to 5597', 5602' to 5617', 5622' to 5631', 5634' to 5649', and 5664' to 5691' with 1 shot per 3'. Acidize with 5000 gals LST NEA in 2 stages with 250# Napthalene between stages. Frac with 20,000 gals ref oil and 30,000# sand.

PADDOCK ZONE:
Perforate 7" O.D. casing 5168' to 5174' with 1 jet shot per 3'. Acidize with 250 gals LST NEA. Re-acidize with 1500 gals LST NEA. Squeeze with 75 sx Incor NEAT with LWL and retarder additives. Stage 2 the same vol and type cement. Stage 3 with 75 sx Incor NEAT with 70# LWL and 14# retarder additives. Perforate 7" casing with 2 jet shots per ft. 5168' to 5174'. Acidize with 500 gals LST NEA. Swab dry. Re-acidize with 1500 gals LST NEA. Swab dry. Squeeze with 150 sx Incor NEAT.

DRINKARD ZONE TEST:
On 16 hr Potential Test ending 11:00 p.m. October 1, 1961 well flowed thru 14/64" choke 120 BO and no water.
GOR - 900
Gravity - 33.0
Top of Pay - 6850'
Btm of Pay - 7200'
USGS Date - September 1, 1961
TEXACO Inc. Date - October 1, 1961.

BLINEBRY ZONE TEST:
On 4 hr Potential Test ending 5:00 p.m. September 29, 1961 well flowed thru 18/64" choke 88 BO and no water.
GOR - 2382
Gravity - 41.0
Top of Pay - 5591'
Btm of Pay - 5691'
USGS Date - September 1, 1961
TEXACO Inc. Date - September 29, 1961