Form 9-330

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

U. S. Land Office Las Cruces
Serial Number 032104
Lease or Permit to Prospect
HOBBS OFFICE OCC

UNITED STATES 1960 FEB 5 PM 3:46
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

X							

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

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

Lessor or Tract A.H. Blinebry NCT-1 Field Blinebry (oil) Tubb(Oil) State New Mexico

Well No. 11 Sec. 28 T22-S R38-E Meridian NMPM County Lea

Location 1980 ft. N. ~~S.~~ of S Line and 330 ft. E. W. of W Line of Section 28 Elevation 3386' (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 February 3, 1960 Title Asst. Dist. Supt.

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

Commenced drilling November 16, 1959 Finished drilling December 16, 1959

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 6292' to 6322' No. 4, from to

No. 2, from 6274' to 6282' No. 5, from to

No. 3, from 5306' to 5312' 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
13 3/8"	48.00	8R	H-40	292'	Howco	None	None	None	Surface
9 5/8"	36.00	8R	H-40	[illegible]	Howco	None	None	None	Production
7"	23.00	8R	J-55	[illegible]	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
13 3/8"	302'	350	Howco		
9 5/8"	3131'	2000	Howco		
7"	6905'	400	Howco		

FOLD | MARK

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

February 3, 1960 Put to producing January 25, 1960

The production for the first 24 hours was 206 barrels of fluid of which 100% was oil; --% emulsion; --% water; and --% sediment. Gravity, °Bé.

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

Rock pressure, lbs. per sq. in.

EMPLOYEES

M. F. Young, Driller L. L. Fraley, Driller

J. W. Dyer, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	150	150	Caliche
150	1320	1170	Redbed
1320	1420	100	Anhy
1420	2200	780	Anhy & Salt
2200	3958	1758	Anhy & Gyp
3958	7200	3242	Lime

Total Depth 7200
Open Hole 6905' to 7200'

All measurements from rotary table or 9' above ground level.

Estimate No. 7050

4 - USGS
1 - NMOCC
1 - Field
1 - Division
1 - File

Tops

Anhy	1344
Top Salt	1410
Bas Salt	2542
Yates	2690
San Andres	4140
Glorieta	5300
Blinebry	5702
Tubb	6258
Drinkard	6587

[OVER]

16—43094-4

OF COMPLETE DRILLER
LOG, ADD GEOLOGI
WHETHER FROM

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

Deviation Record

Depth	Degrees Off
525'	1/2
1202'	1/2
1504'	1/4
1714'	1/4
2138'	1
2500'	3/4
2984'	3/4
3500'	1 1/2
3772'	2
3991'	1 1/2
4271'	1 1/2
4639'	1 ~~1/4~~
4948'	1
5262'	1
5369'	3/4
5633'	1
5792'	1/4
6074'	1/4
6231'	1 1/4
6420'	3/4
6767'	3/4
7023'	2 1/4
7181'	2 3/4
7200'	2 3/4

HISTORY OF OIL OR GAS WELL

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.

For complete history see attached sheet.

A. H. BLINEBRY NCT-1 WELL NO. 11

Spudded 17¼" hole 5:00 A.M., November 16, 1959. Ran 292' of 13 3/8" O.D. casing and cemented at 302' with 350 sx. Tested with 600 PSI before and after drilling plug. Tested O.K.

Ran 3122' of 9 5/8" O.D. casing and cemented at 3131' with 1750 sx 4% gel and 250 sx regular cement. Tested with 1000 PSI before and after drilling plug. Tested O.K.

Core 1, from 5280' to 5332', Rec 21' scattered O&G bleeding thruout.
Core 2, from 5332' to 5371', Rec 26' lime and sand.
DST 1, from 5341' to 5401', Tool open 2 hrs with slight blow air and died in 3 minutes. Rec 5' DM. NS. 30 MISI-940, IF-60, FF-60, 30 MFSI-380, HI & HO 2460, Job complete 12:00 Noon, December 5, 1959.

DST 2, 5620' to 5820', Misrun.

DST 3, From 5620' to 5820', Tool open 2 hrs with good blow of air through out. Rec. 1470' gas & 90' OCDM. 30 MISI-165, IF-140, FF-150, 30 MFSI-155, HI & HO-2665. Job complete 4:00 P.M., December 7, 1959.

Core 3, from 5371' to 5401', Rec 30' Anhy & Dolomite.

DST 4, from 6855' to 7045', Tool open 2 hrs with slight blow air and continued thruout test. No gas or fluid to surface. Rec 630' OCDM. 30 MISI-870, IF-305, FF-438, 30 MFSI-550, HI & HO-3440, Job complete 10:00 A.M., December 15, 1959.

DST 5, from 7039' to 7200', Tool open 1 hr with weak dim to 0 at end of test. Rec 330' DM. NS. 30 MISI-2390, IF-174, FF-262, 30 MFSI-438, HI & HO-3475. Job complete 3:55 P.M., December 17, 1959.

Ran 6894' of 7" O.D. casing and cemented at 6905' with 400 sx 4% gel. Tested with 1500 PSI for 30 minutes before and after drilling plug. Tested O.K.

DRINKARD ZONE

Acidize open hole from 6905' to 7200' with 2000 gal regular 15% acid followed with 3150 gal refined oil and 1500 lbs sand. Swab well. Pull tubing and re-acidize open hole with 10,000 gals 15% LST NEA acid. Swab well. Ran 7151' of 2" tubing and set at 7161'.

TUBB ZONE

Perforate 7" O.D. casing with 4 jet shots per ft from 6292' to 6322' and 6274' to 6282'. Acidize with 500 gals 15% acid, followed with 20,000 gals refined oil and 30,000 lbs sand at 15.1 BPM. Ran 6260' of 2" tubing and set at 6270'.

PADDOCK ZONE

Perforate 7" O.D. casing with 2 jet shots per ft from 5306' to 5312'. Swab natural. Set cement retainer at 5120' and squeeze with 100 sx cement. Reverse out 48 sx.

<u>Drinkard Test</u>: On 12 hr PT well flowed 133 BO and No water thru 24/64" choke ending 2:00 P.M. January 26, 1960. Top of Pay - 6905', Btm Pay - 7200', GOR - 1215, Gravity 55.0. <u>Tubb Test</u>: On 12 hr PT well flowed 47 BO and no wtr thru 16/64" choke ending 11:00 A.M. January 31, 1960. GOR - 802, Gravity 39.0, Top of Pay - 6274', Btm of Pay 6322', NMOCC date - Dec. 16, 1959,

TEXACO date - January 31, 1960.