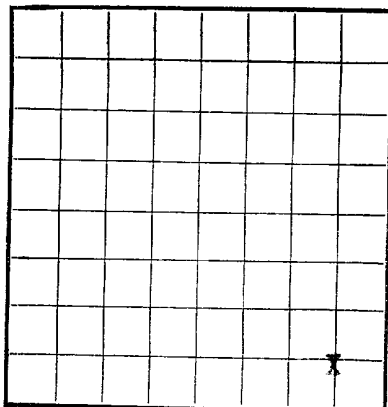


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 032104
LEASE OR PERMIT TO PROSPECTUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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-4 Field Drinkard, Tubb State New Mexico
Well No. 1 Sec. 31 T22-S R. 38-E Meridian Blinebry County Lea
Location 660 ft. N. of S Line and 660 ft. E. of W. Line of Sec. 31 Elevation 3354 ft.
(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 [Signature]
Date June 17, 1959 Title District Accountant

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

Commenced drilling March 19, 1959 Finished drilling April 16 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6898 to 6940 No. 4, from 6100 to 6220 (G)
No. 2, from 6954 to 6974 No. 5, from _____ to _____
No. 3, from 6770 to 6796 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		Purpose
							From—	To—	
13 3/8	48.00	8x	H-40	303'	Larkin	None	none	none	surface
9 5/8	36.00	8x	H-40	2972'	Larkin	None	none	none	Production
7	23.00	8x	J-55	7094'	Larkin	None	see above	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	315'	400	Howco		
9 5/8	2985'	2100	Howco		
7	7105'	500	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 7105 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

June 17 1959 Put to producing Blinebry Zone
June 12 1959

The production for the first 24 hours was 312 barrels of fluid of which 100 % was oil; — %
emulsion; — % water; and — % sediment. Gravity, °Bé. 35.0

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. Dyer, Driller J.L. Fraley, Driller
M.F. Young, Driller J.H. Dukeminier, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	130	130	Caliche
130	1064	934	Red Bed
1064	1178	114	Red Bed & Shale
1178	1330	152	Red Bed & Anhy
1330	1522	192	Anhy & Salt
1522	2475	953	Anhy, Salt, & Gyp
2475	2933	458	Anhy & Gyp
2933	3960	1027	Anhy & Lime
3960	7105	3145	Lime
total depth	7105		
PBTD	7066		
All measurements from rotary table or 12' above ground level.		1420 2420 1240 2603 4031 5164 5598 6086 6440	top of salt btm of salt Anhy Yates San Andres Glorieta Blinebry Tubb Drinkard
Estimate No. 8896			
3-federal			
1-NMOCC			
1-div			
1-file			
1-field			

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of reworking, 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.

HISTORY OF OIL OR GAS WELL

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

[illegible]

TEXACO

A.E. Blinbry NCT-4 Well No. 1

Spudded 17" hole 8:00 p.m. March 19, 1959. Ran 303' of 13 3/8" o.d. casing and cemented at 315' with 400 sx regular cement. Cement circulated. Plug at 295'. Drilled cement plug and tested before and after drilling plug with 600 psi for 30 minutes. Tested o.k. Job complete 9:30 a.m. March 21, 1959.

Ran 2972' of 9 5/8" o.d. casing and cemented at 2985' with 1900 sx 4% gel and 200 sx regular cement. Plug at 2952'. Cement circulated. Drilled cement plug and tested before and after drilling plug with 600 PSI for 30 minutes. Tested o.k. Job complete 7:00 a.m. 3-29-59.

DST #1, from 5150' to 5270', April 7, 1959

DST #2, from 6870' to 7000', April 16, 1959

Ran electric logs, April 16, 1959.

Ran 7094' of 7" and 7 5/8" o.d. casing and cemented at 7105' with 500 sx 4% gel. Top of cement by temperature survey, 3285'. Plug at 7068'. Drilled cement plug and tested before and after drilling plug with 1500 PSI for 30 minutes. Tested o.k. Job complete 8:30 p.m. April 19, 1959.

DRINKARD ZONE

Perforate 7" o.d. casing from 6898' to 6940' and 6954' to 6974' with 4 jet shots per ft. Acidize with 2000 gals 15% regular acid. Swab well. Treat perforations with 55 gals control flo in 24 bbls lse crude followed with 5000 gals regular 15% acid. Sand frac with 15000 gals refined oil and 7500 lbs sand. Well sanding up, and 266 bbls refined oil and sand reversed out. Swab well.

DRINKARD ZONE

Perforate 7" o.d. casing with 4 jet shots per ft from 6770' to 6796' with 4 jet shots per ft. Acidize with 1000 gals 15% LST NEA acid. Swab dry. Acidize with 2000 gals 15% LST NEA. Swab well.

TUBB ZONE

Perforate 7" o.d. casing with 2 jet shots per ft from 6100' to 6220' acidize with 1000 gals 15% LST NEA acid. Sand frac with 20000 gals refined oil and 20000 lbs. sand along with 100 gals control flo in 24 bbls lse crude. Job complete 8:30 p.m. April 28, 1959.

BLINBERRY ZONE

Perforate 7" o.d. casing with 2 jet shots per ft. from 5556' to 5604', 5618' to 5658', and 5704' to 5730'. Acidize perforations with 100 gals regular 15% acid. Swab well. Acidize perforations with 2000 gals regular 15% acid. Sand frac with 20000 gals refined oil and 20000 lbs sand. Job complete 6:45 p.m. May 1, 1959. Kill well.

DRINKARD ZONE

Ran 6138' of 2 3/8" tubing and 759' of 2 1/16" CS Hydril tubing through Baker Packer set at 6262' with bottom of tubing string set at 5893'.

BLINBERRY ZONE

Ran 5500' of 2 3/8" tubing set in Baker triple flow tube at 5497'.

TUBB ZONE

Producing through casing tubing annulus. Ran 337' of 3 1/2" CS Hydril tubing and 23' of Baker seal nipples run concentric over 2 1/16" CS Hydril tubing opposite Tubb zone between Baker Packers at 5847' and 5500'. (Tubb zone produces through 3 1/2" and 2 1/16" tubing-tubing annulus through Baker triple flow tube, thence into casing-tubing annulus to surface.)

Run Package Leakage test, June 3, 1959

BLINBERRY ZONE TEST: On 13 hr PT well flowed 170 B) & no str through 32/64" choke, ending 5:00 a.m. 6-13-59. Gr 1688' Gravity 35, Top of pay 5556' Btm of pay 5730' NMOC date 4-16-59, TEXACO Inc. date 6-13-59.

DRINKARD ZONE TEST: On 22 hr PT well flowed 86 B) & 21 B) thru 24/64" choke, ending 8:45 a.m. 6-15-59. Gr 2384' Gravity 31.1, top of pay 6770' btm of pay 6974', NMOC date 4-16-59 TEXACO Inc. date 6-15-59.