Form 9-330

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

COPY TO O. C. C.
HOBBS

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 032104
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

HOBBS, NEW MEXICO

LOCATE WELL CORRECTLY Lse. No. 41655

LOG OF OIL OR GAS WELL

Company The Texas Company Address P. O. Box 352 Midland, Texas

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

Well No. 8 Sec. 33 T. 22-S R. 38-E Meridian NMPM County Lea

Location 1980 ft. [N/S] of N Line and 330 ft. [E/W] of W Line of Section 33 Elevation 3387' (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 April 21, 1959 Title Asst. Dist. Superintendent

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

Commenced drilling December 8, 19 58. Finished drilling January 14, 19 59

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5584' to 5634' (O) No. 4, from 6150' to 6230' (G)

No. 2, from 4676' to 5722' (O) No. 5, from to

No. 3, from 5755' to 5800' (O) No. 6, from 6150' to 6230' (G)

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		H-40	287'	Baker	None			Surface
9 5/8"	32.30		H-40	3045'	Baker	None			Production
7 5/8"	26.40		H-40	120'	Baker	None			Production
7"	23		H-40	6164'	Baker	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"	300'	325 sx.			
9 5/8"	3058'	1900 sx.			
&7 5/8"	6299'	500 sx.			

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 6299 feet, and from feet to feet

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

DATES

January 28, 19 59 Put to producing March 30, 19 59

The production for the first 24 hours was 67 barrels of fluid of which 30 % was oil; % emulsion; 70 % water; and % sediment. Gravity, °Bé. 36.9

If gas well, cu. ft. per 24 hours 3,550,000 Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in.

EMPLOYEES

M. F. Young, Driller Leon Plato, Driller

L. L. Froley, Driller S. M. Buland, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	70	70	Caliche
70	1323	1253	Redbed
1323	1428	105	Anhy
1428	2515	1087	Anhy & Salt
2515	3900	1385	Anhy & Gyp
3900	3964	64	Anhy & Lime
3964	6299	2335	
Total Depth	6299'		
PBTD	6262'		

All measurements from Rotary Table or 13' above ground level.

Anhy 1310'
Top Salt 1480
Base Salt 2490'
Yates 2640'
Grayburg 3810'
San Andres 4073'
Glorieta 5210'
Blinebry 5633'
Tubb 6150'

DEVIATION RECORD

DEPTH	DEGREES OFF
271'	1/2
874'	1/4
1176'	1/4
1502	1/4
1810	1/2
2142	1
2323	1
2504	3/4
2626	1
2747	3/4
2950	3/4
3192	3/4
3254	1
3468	3/4
3715	1 1/4
3869	2
4036	1 3/4
4154	1 1/2
4337	1 3/4
4555	1
4710	1 1/2
4834	1 1/4
4958	1/2
5113	1/2
5458	1 1/2
5652	1 1/4
5749	1 1/4
5890	1
6076	1 1/4
6299	1 1/4

[OVER]

ILLEGIBLE

FOLD | MARK

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

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

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.

Spudded 17½" hole 2:10 P.M. 12-8-58. Set 13 3/8" casing at 300'. Job complete 6:30 P.M. 12-9-58. Set 3045' of 9 5/8" casing at 3058'. Job complete 7:30 A.M. 12-18-58.

DST No. 1 From 5170' to 5300'. Tool open with fair blow of air. GTS in 1 hr 25 min. Open 2 hrs. GTSM. Recovered 1340' free oil and 90' oil & gas cut drlg mud. 30 mins. I-1695# 30 MFSI - 1695# HI-2400# HO-2400# IF-152, FF-578. Job complete 11:30 P.M. 12-28-58.

Core No. 1 - From 5585' to 5635', 50', 100% recovered.
Core No. 2 - From 5635' to 5685', 50', 100% recovered.
Core No. 3 - From 5685' to 5735', 50', 90% recovered.
Core No. 4 - From 5735' to 5752', 50', 100% recovered.

DST No. 2, From 5670' to 5785', Tool open 2 hrs. with fair blow decreasing to weak blow at end of test. Recovered 154' of slight oil and gas cut drlg mud. 30 MISI-0#, 30 MFSI-984#, HI- and HO-2710', IF-85, FF-160. Job complete 9:00 A.M. 1-7-59.

Core No. 5 - From 6140' to 6190', 50', 100% recovered.
Core No. 6 - From 6191' to 6241', 50', 100% recovered.

DST No. 3 From 6120' to 6241'. Tool open 2 hrs. & 15 mins. Tool open with good blow of air Gas to surface 2 min. Gas vol 688,000 cu. feet per day. Recovered 750' gas cut drlg mud. 30 MISI-2560#, 30 MFSI-2480#, IF-220, FF-280, HI-2880, HO-2860. Job complete 2:oo P.M. January 14, 1959.

Set 7 and 7 5/8" O.D. casing at 6299'. Job complete 6:30 A.M. 1-18-59. Top of cement by Temperature Survey, 2415'.

TUBB GAS ZONE Perforate 7" O.D. casing with 4 jet shots per foot from 6150' to 6230', (Tubb Gas Zone). Ran tubing. Gas volume 93,000 cu. feet per day. Acidize with 1,000 gals 15% acid and 55 gals control flo. Gas Volume 1,930,000 cu ft day thru 34/64" choke. Job complete 4:15 A.M. January 19, 1959. Tested Tubb Gas Zone 5 hr. 1,950 MCFPD, and 5 bbls. Dist. 58.6 Gravity. Frac Tubb Gas Zone with 20,000 gals refined oil, and 20,000 lbs. sand. Killed well. Ran tubing to 6132', Packet at 5947', Gas Volume thru 1" choke 3,550,000 cu ft per day. Kill well.

BLINEBRY Oil ZONE Perforate 7" O.D. casing from 5584' to 5634', 5676' to 5722', and 5755' to 5800'. Packer set at 6050'. BP at 5900', Acidize with 1000 gals regular acid. Frac with 30,000 gals refined oil and 30,000 lbs of sand in 3 stages of 10,000 gals each with ball sealers between stages. Swab well. Treat perforations with 300 gals control flow mixed with 3000 gals lse oil and flush with 150 bbls. lse oil. Job complete 4:00 P.M. 2-9-59. Swab well and install pump unit, and recover load oil. Unable to test. Pull tubing to water frac with 60,000 gals water with 1½ lbs sand per gal, and with 34,000 gals in perfs. Plugged up at 4200 lbs. Job complete 3:00 P.M. 3-11-59. Cleaned out frac sand by reverse circulation. Ran 5,827' of 2 3/8" tubing and set at 5830'. Recover load water. On 24 hr PT Blinebry Oil Zone pumped 20 BO and 47 BW, Gravity 36.9, GOR 390, Complete 7:00 A.M. 3-31-59 Shut in for packer leakage test. Complete Packer Leakage Test April 18, 1959.