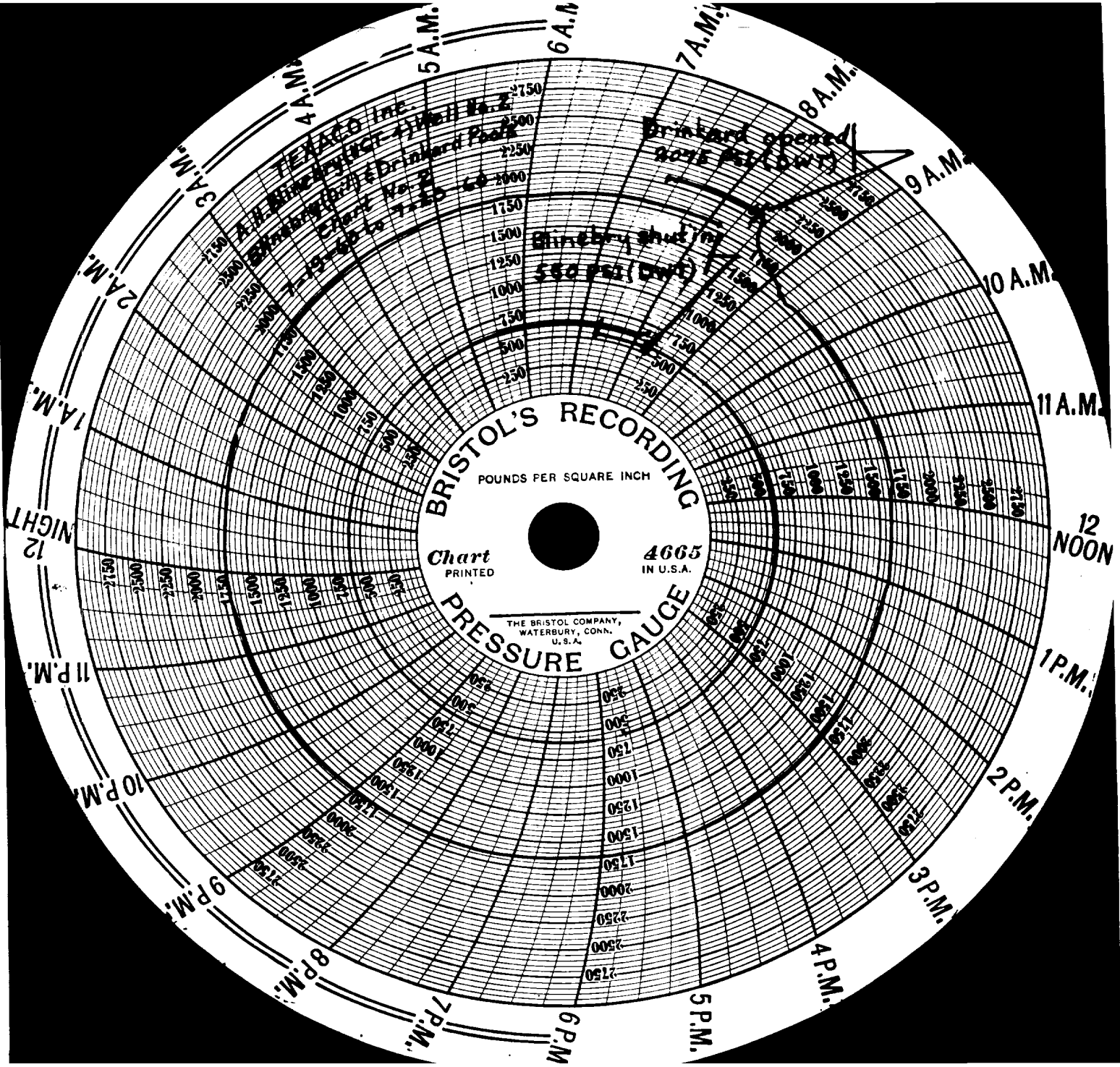
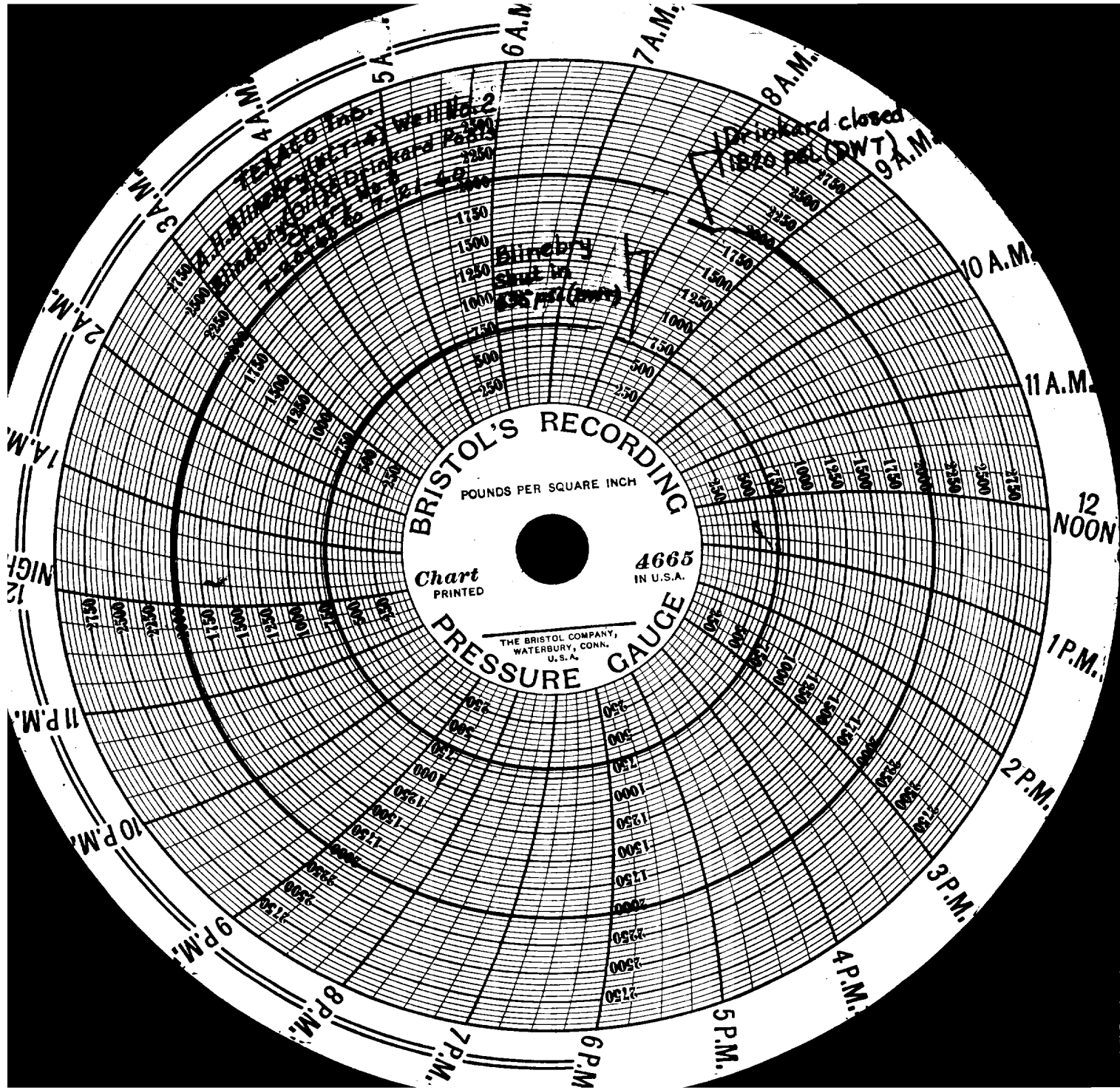
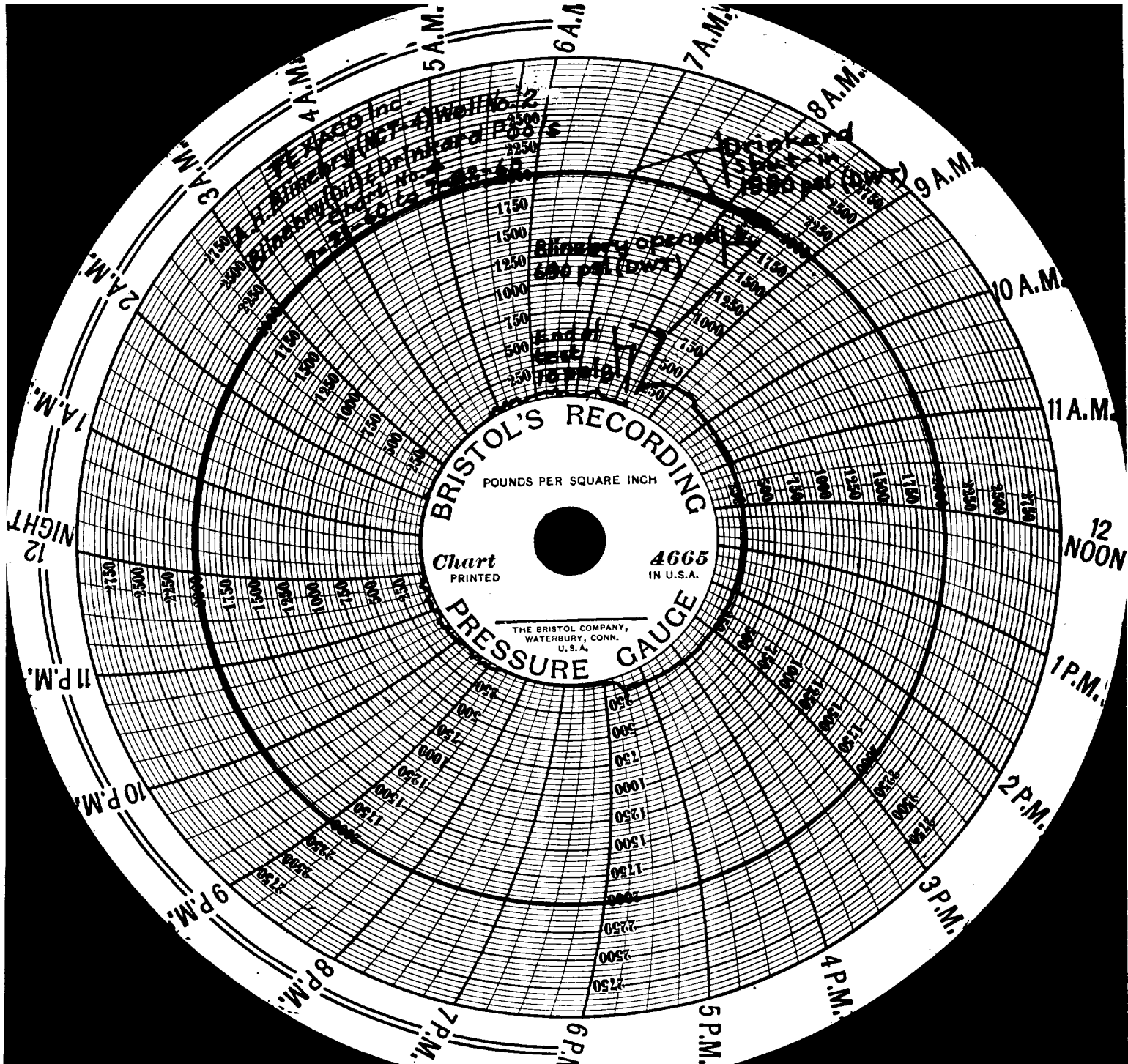
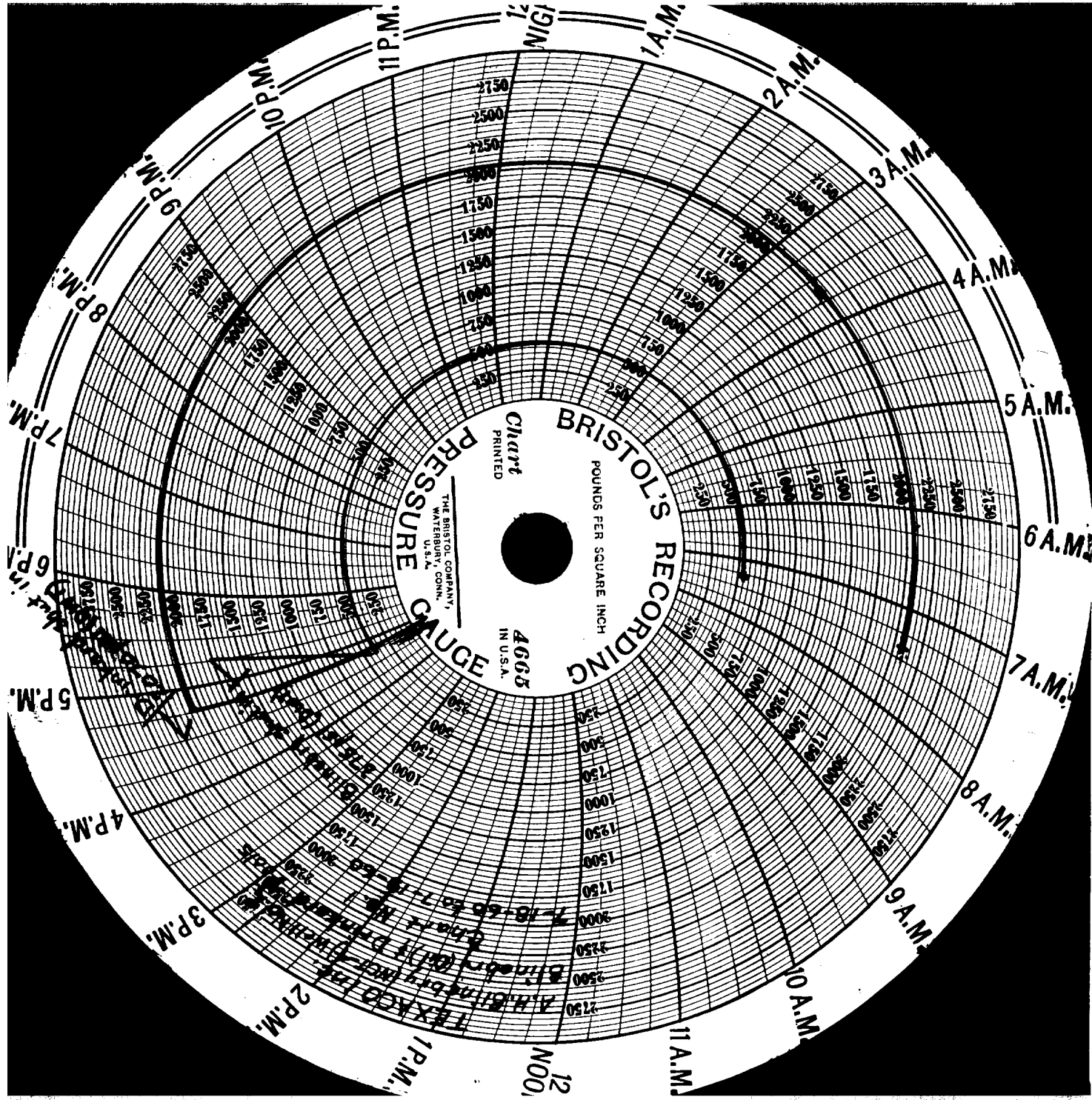










U. S. LAND OFFICE Las CrucesSERIAL NUMBER 032104

LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR,
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY.

Company TEXACO Inc. Address P. O. Box 352, Midland, Texas
Lessor or Tract A. H. Blinbry NCT-4 Field Drinkard State New Mexico
Well No. 2 Sec. 31 T. 22-S R. 38-E Meridian 10N County Lea
Location 660 ft. N. of S Line and 1980 ft. W. of E Line of Sec. 31 Elevation 3343 (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 June 16, 1960Title Asst. Dist. Supt.

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

Commenced drilling April 15, 19 60 Finished drilling May 10, 19 60

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5700' to 5748' No. 4, from _____ to _____No. 2, from 5808' to 5850' No. 5, from _____ to _____

No. 3, from _____ to _____ No. 6, from _____ to _____

Drilled with rotary tool 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	8R	H-40	239'	Howco	None	None	None	Surface
9-5/8	36.00	8R	J-55	2988'	Howco	None	None	None	Production
7"	23.00	8R	J-55	3516'	Brown	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"	309'	400	Howco		
9-5/8"	2999'	1800	Howco		
7"	6449'	600	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 7050 feet, and from _____ feet to _____ feet

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

DATES

_____, 19 _____ Put to producing _____, 19 _____

The production for the first 24 hours was _____ barrels of fluid of which _____% 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

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1150	1150	Redbed
1150	1284	134	Anhy
1284	1430	146	Anhy & Gyp
1430	2460	1030	Anhy & Salt
2460	3130	670	Anhy & Gyp
3130	3719	589	Anhy & Lime
3719	7050	3331	Lime
Total Depth	7050		
Open Hole	6449' to 7050		

All measurements from rotary table are 10' above ground level.

Estimate No. 7142

4 - USGS
1 - NMOC
1 - Field
1 - Division
1 - File

Top Anhy 1228'
3tm Anhy 1390'
Top Salt 1390'
3tm Salt 2430'
Yates 2596'
Queen 3596'
Grayburg 3775'
San Andres 4014'
Glorieta 5153'
Blinbry 5694'
Tubb 6088'
Drinkard 6454'

FORMATION RECORD-Continued

FROM-	TO-	TOTAL FEET	FORMATION
			Deviation Record
		Depth	Degrees Off
		300'	1/4
		886'	1
		1187'	3/4
		1489'	1-1/4
		1728'	3/4
		2032'	1
		2335'	1-3/4
		2605'	1-3/4
		3300'	1-1/2
		3696'	1-1/2
		3852'	1
		4257'	1-3/4
		4585'	1-3/4
		4928'	1-3/4
		5603'	1/2
		5759'	3/4
		6289'	1-1/4
		6536'	1
		6881'	3/4
		7050'	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.

Spudded 17-1/2" hole 4:30 AM April 15, 1960. Ran 249' 13-3/8" OD casing and cemented at 309' with 400 sx regular. Plug at 279'. Tested OK. Job complete 9:15 AM, April 17, 1960. Ran 2988' of 9-5/8" OD casing and cemented at 2999' with 1800 sx 4 1/2 gel incor. Plug at 2966'. Tested OK. Job complete 4:25 AM, April 22, 1960.

DST #1 From 5162' to 5210' (48') Tool open 2 hrs with fair blow air and increasing to strong blow and cont'd thruout test. Rec 1626' sulphur water and 50' IM. NS. 30 MIST - 1055 IF - 195 HI - 2395 T - 1000 30 MIST - 1510 FF - 695 HO - 2365, Job complete 12:30 AM, April 30, 1960.

Ran 3516' of 7" OD liners and cemented at 6449' hung in 9-5/8" OD casing at 2887' cemented btm liner with 400 sx regular top of liners with 200 sx regular. Plug at 6416'. Cement circulated. Cement top of liner. Plug at 2860'. Top of cement by temperature survey 3270'. Tested O.K. Job complete 2:30 P.M., May 10, 1960

Drinkard Zone Acidize open hole from 6449 to 7050 with 3000 gals regular 15% at 3.9 BPM. Acidize open hole with 5000 gals reg 15% with 1000# moth balls in 3 stages at 3.5 BPM. Frac open hole with 20000 gals refined oil and 30,000 lbs sand at 14.6 BPM. Ran 6420' of 2-3/8" tubing and set at 6420'.

Blinbry Zone Perforate 7" OD liner from 5700' to 5748', 5808' to 5850 with 2 jet shots per ft. Acidize with 1000 gals reg 15% at 3.4 BPM. Acidize perforations in 2nd stage with 5000 gals reg 15% acid at 3.3 BPM. Frac with 20,000 gals refined oil and 30,000 lbs sand at 16.7 BPM. Swab well. Ran 5891' of 2-3/8" tubing and latched in lower tubing at 5891'.

Run packer leakage test, and test each zone.

Drinkard Zone Test On 24-hour PT well flowed thru 16/64" choke 125 BO and no water gravity -- 44.1, GOR -- 17,360, Top of pay -- 6449', Btm of pay -- 7050', NMOCC date May 10, 1960, TEXACO Inc. Date June 15, 1960. Test ending 3:00 P.M., June 15, 1960.

Blinbry Zone Test On 24-hour PT well flowed thru 24/64" choke 80 BO and no water, gravity 39.0, GOR -- 4860, Top of pay 5700', Btm of pay 5850', NMOCC Date May 10, 1960, TEXACO Inc. Date, June 15, 1960. Test ending 4:00 P.M., June 15, 1960.