



PHONE EX 3-6355  
EX-3-4849

BOX 1332

# GENERAL PETROLEUM ENGINEERING SERVICE

"SPECIALIZING IN ACCURACY"

## BOTTOM HOLE PRESSURE RECORD

Field Blinebry Gas & Tubbs Gas Pool (Dual) Lea, New Mexico  
County

Operator Gulf Oil Corporation

Lease Gutman

Well No. 1

Date September 14, 1960

DEPTH  
FEET

PRESSURE  
P. S. I.

GRADIENT  
PSI - FT.

WELL  
DATA

Packer Leakage Test using Bottom Hole Pres. Gauge

Well head pressures as obtained with dead-weight tester following 48 Hr. S.I.

	Blinebry Gas Casing	Tubbs Gas Tubing
48 Hr. S.I. pressure	1,530 p.s.i.g.	1,637 p.s.i.g.
Surface Pres. after flowing Blinebry 8 Hr.	694 p.s.i.g.	1,632 p.s.i.g.
B.H. Pres. differential	836 p.s.i.g.	

Status SI & Bl. flow

Hours Shut In 48

Tubing Press 1,637

Casing Press 1,530

Elevation 3,366' DF

Datum Tubbs -2,700'

Temp. @ 95° F.

Chart No. 1

Max. Safe Test Depth Dat.

Last Test Date

B. H. P. Last Test

B. H. P. Change

Fluid Top

Water Top

Run By

### FOOT NOTES

1. Extrapolated Pressure
2. Hit Obstruction
3. Self Compensating Element  
No Temp. Correction
4. Corr. for Temperature
5. Corr. for U-Tube Effect

The B.H.P. gauge was run down the tbg. to 6,056' D.P. (Tubbs datum), and the pres. recorded for 30 Min. under S.I. conditions followed by 8 Hr. B.H.P. record with the Blinebry Gas flowing on a 1/2" orifice into Permian Basin's H.P. gathering line at an average rate of ~~21,000~~ <sup>2,700.0</sup> M.C.F.P.D.

Along with condensate production The well produces approximately 3 bbl. of water P.D., and slight surface pres. variations were observed due to freezing in the flow line

A B.H.P. of 2,110 p.s.i.g. at datum depth was recorded, and the pres. neither increased nor decreased during the 8 Hr. 30 Min. duration of the test.

Test conducted by Wayne R. Bright  
Wayne R. Bright



# GENERAL PETROLEUM ENGINEERING SERVICE

SPECIALIZING IN ACCURACY

PHONE 2-3488  
24-4244

## BOTTOM HOLE PRESSURE RECORD

Well No. 1 Location Law, New Mexico

Date December 14, 1960

DEPTH (FEET) PRESSURE (P.S.I.) GRADIENT (P.S.I./FT.) WELL DATA

DEPTH (FEET)	PRESSURE (P.S.I.)	GRADIENT (P.S.I./FT.)	WELL DATA
0	21,000	0.00	Surface
100	20,800	0.02	100 ft. depth
200	20,600	0.02	200 ft. depth
300	20,400	0.02	300 ft. depth
400	20,200	0.02	400 ft. depth
500	20,000	0.02	500 ft. depth
600	19,800	0.02	600 ft. depth
700	19,600	0.02	700 ft. depth
800	19,400	0.02	800 ft. depth
900	19,200	0.02	900 ft. depth
1000	19,000	0.02	1000 ft. depth

- FOOT NOTES
1. Extrapolated Pressure
  2. No Obstruction
  3. Self Compensating Element No Temp. Correction
  4. Corr. for Temperature
  5. Corr. for U-Tube Effect

Along with condensate production the well produced approximately 8 bbl. of water per day. No gas was observed in the face line. The average rate of 21,000 p.s.i. at the surface of the well. The well was shut in for 24 hours and the pressure was 20,000 p.s.i. at the surface. The well was then opened and the pressure was 21,000 p.s.i. at the surface. The well was then shut in for 24 hours and the pressure was 20,000 p.s.i. at the surface. The well was then opened and the pressure was 21,000 p.s.i. at the surface.

Test conducted by [Signature]  
 Date December 14, 1960