

SIPES, WILLIAMSON & AYCOCK, INC.

CONSULTING ENGINEERS

Midland, Texas

March 17, 1976

1100 GIBBS TOWER WEST
MIDLAND, TEXAS 79701
915 683-1841

1212 THE MAIN BUILDING
SUITE 712
HOUSTON, TEXAS 77002
713 228-8146

EXHIBIT

Bottom Hole Pressure History

TYPE OF TEST	DATE	MEASURED	REMARKS
		PRESSURE @ 9778' psig	
DST-FSIP	1/8/76	3392	PKR Depths 9680-9804
FLWG BHP	1/17/76	3121	FLWG on 12/64" chk
CI BHP	1/19/76	3473	CI 47 hrs.
CI BHP	1/26/76	3510	CI 211 hrs. 30 min.
Draw=Down - FLWG	1/27/76	2940	After FLWG 27 hrs.
Build Up	3/4/76	Meas. 2061 Extrap. 2473	CI 96 hrs. Cum. Prod. to time of CI is 5300 BO + 5830 MCF

Reserve Estimates

1. Volumetric Estimate:

Porosity % 11.8
Water Sat. % 18.0
Recovery Factor % 15
FVF (est. from literature) 1.75
Net Pay Thickness, feet 10
Drainage area, acres 160
Oil Reserves, BBL 102,400

2. Estimated Production Decline Approach (after the production of 5300 BO)

If 20% Annual Decline, Ultimate oil recovery = 5300 BO + 233,118 BO
= 238,418 BO

If 40% Annual Decline, Ultimate oil recovery = 5300 BO + 103,608 BO
= 108,908 BO

/cjs

