BHP-1

L. R. McBride Engineering, Inc.

PETROLEUM CONSULTANT

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1700 S. E. 22ND STREET
AC 405/670-1355

WOODWARD, OKLAHOMA
AC 405 256-3423

LIBERAL KANSAS
AC 316 624-124[illegible]

STATIC BOTTOM HOLE PRESSURE TEST

HICKORY CREEK OIL COMPANY
COMPANY

Date of test 10-20-80
File OC 1080

Lease GRAY Well No. 12 Type Well _____ Field _____
Location Sec. 34-30S-21E County Neosho State Kansas

DEPTH	PRESSURE	DIFF.	PSI/FT.
0	2.4		
50	14.0	11.6	0.232
100	30.9	16.9	0.337
150	46.8	15.9	0.318
189	60.0	13.2	0.339

WELL RECORD

Elevations:
Ground _____
Derrick Floor _____
Kelly Bushing _____
Permanent Zero Ground Level
Instrument Zero 1 ft. above G. L.
Instrument to Permanent Zero +1 ft.
Pressures are (X) are not ( ) corrected

CASING RECORD

OD Size	Weight LB/FT.	Grade	Setting Depth
4 1/2			285

PERFORATION RECORD

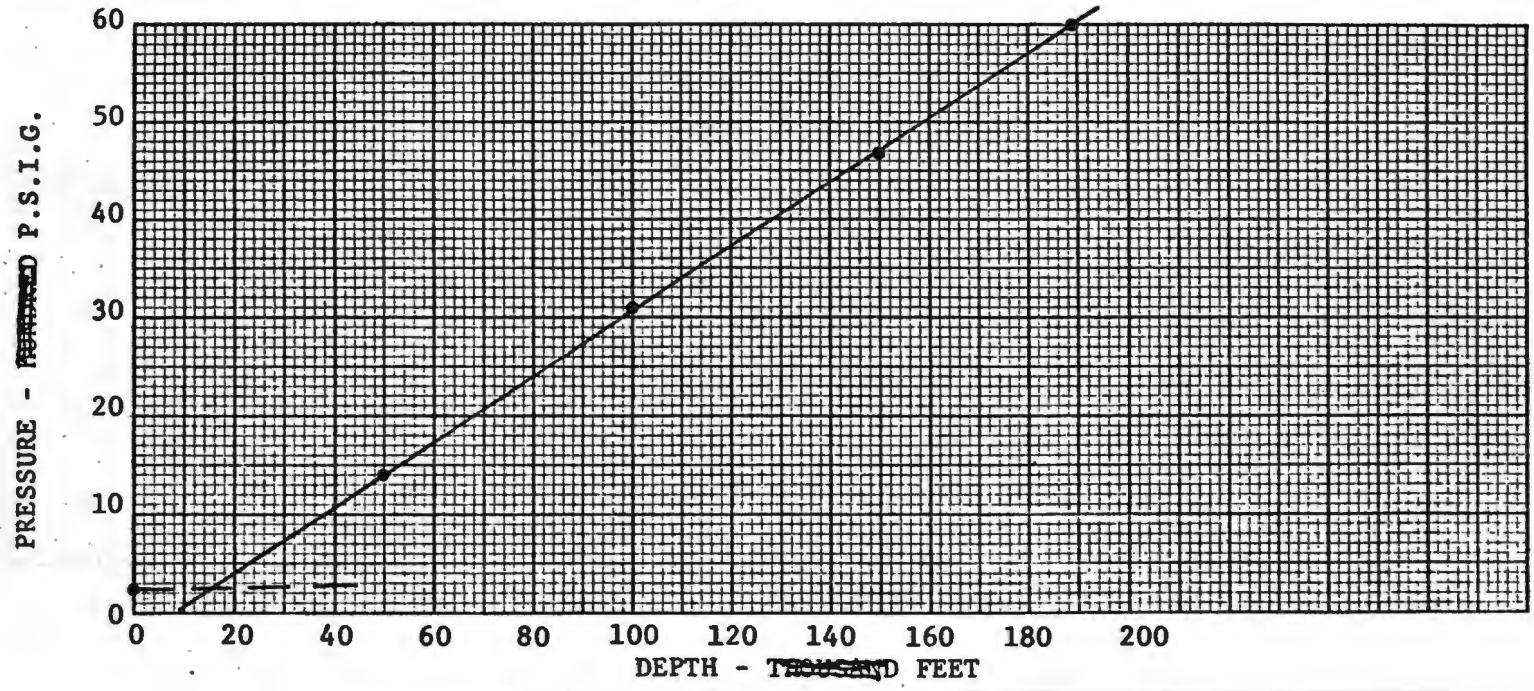
From	To	From	To

TUBING RECORD

OD Size	Weight LB/FT.	Grade	Packer Depth Set	Setting Depth

Instrument At 189 Ft., At 10:00A M
Total Depth _____
Plugback Depth _____

WELL TEST DATA

SHUT IN		
SAND NAME	Skinner	
DATUM PLANE		SUB-SEA
ELEVATION (GND.)		FEET
TEST DEPTH	189	FEET
CASING PRESSURE	2.4	P.S.I.G.
TUBING PRESSURE	None	P.S.I.G.
FLUID TOP	15(A)	FEET
WATER TOP	None	FEET
TEST DEPTH TEMP.	64	°F
HOURS SHUT IN		
Oil Grav.		
Gas Grav.		
INSTRUMENT	Amerada #30857	
CALIBRATION DATE	10-1-80	
TESTED BY	Gary	
LAST TEST DATE		
PRESS. LAST TEST		P.S.I.G.
B. H. P. CHANGE		P.S.I.
GAUGE NO.	24416	
CLOCK NO.	A-202	

REMARKS 4 1/2" Bridge @ 202 ft.