

G. ALLEN DORSEY

Petroleum Service

MIDLAND, TEXAS

- BOTTOM HOLE PRESSURES
- TEMPERATURE SURVEYS
- BACK PRESSURE TESTS
- PACKER LEAKAGE TESTS
- GAS-OIL RATIO TESTS
- ACOUSTICAL WELL SOUNDER
(FLUID LEVEL RECORDER)

MIDWEST OIL CORP.,
SO. EMPIRE DEEP UNIT #2
SO. EMPIRE MORROW GAS
BOTTOM HOLE PRESSURE
BUILD UP TEST
12-8 to 12-13-72

Date & Time	Hours	BHP @ 10,800'	BHP @ 10,882' (Mid Perf.)	Tubing Pressure	T=1176 hrs. T + t t	Remarks
12-8-72						Flowing
5:30 P.M.	0	2171	2176	1503		On bottom w/bomb
6:00 P.M.	0	2171	2176	1503		Closed In
6:15 P.M.	$\frac{1}{4}$	2318	2323	1750	4705.0	
6:30 P.M.	$\frac{1}{2}$	2337	2342	"	2353.0	
7:00 P.M.	1	2352	2357	"	1177.0	
8:00 P.M.	2	2358	2363	"	589.00	
9:00 P.M.	3	2360	2365	"	393.00	
12:00 A.M.	6	2361	2366	"	197.00	
12-9-72						
3:00 A.M.	9	2361	2366	"	131.67	
12-10-72						
6:00 P.M.	48	2361	2366	"	25.50	
12-11-72						
6:00 P.M.	72	2361	2366		17.33	
12-12-72						
4:00 P.M.	94	2401	2406	1785	13.51	Pulled & re-ran bor
12-13-72						
11:00 A.M.	113	2401	2406	1785	11.41	Start 4 point test
1st Rate Flowing on 10/64" Choke						
					MCF/DAY	
2340 2345 1675					1116	Stabilized Rate
2nd Rate Flowing on 13/64" Choke						
2305 2310 1664					1586	"
3rd Rate Flowing on 15/64" Choke						
2257 2262 1630					2004	Stabilized Rate
4th Rate Flowing on 18/64" Choke						
2155 2160 1512					2931	"