

C. 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 #1
SO. EMPIRE MORROW GAS
BOTTOM HOLE PRESSURE
BUILD UP TEST
12-5 to 12-8-72

Date & Time	Hours	BHP @ 10,750' (Mid Perf.)	Tubing Pressure	T=1264 hrs. <u>T + t</u> +	Remarks
12-5-72					Flowing @ 10,000 MCF Rate On bottom w/instrument Closed in
11:30 A.M.	0	3424	2175		
12:00 P.M.	0	3424	2175		
12:15 P.M.	$\frac{1}{4}$	3757	2690	5057	
1:00 P.M.	1	3760	2700	1265	
2:00 P.M.	2	3762	2700	633.3	
3:00 P.M.	3	3764	2700	422.3	
6:00 P.M.	6	3765	2700	211.6	
9:00 P.M.	9	3766	2700	141.4	
12:00 A.M.	12	3767	2700	106.3	
12-6-72					
12:00 P.M.	24	3767	2700	53.67	
12-7-72					
12:00 P.M.	48	3767	2700	27.33	
12-8-72					
10:00 A.M.	70	3767	2700	19.06	Pulled bomb.
12:00 P.M.	72	3776	2699	18.55	Gradient Run
START 4 POINT TEST MCF/DAY					
First Rate Flowing on 15/64" Choke					
1 hr.		3717	2655	3002	Stabilized Pressure
Second Rate Flowing on 19/64" Choke					
1 hr.		3637	2559	5879	Stabilized Pressure
Third Rate Flowing on 24/64" Choke					
1 hr.		3511	2360	9137	Stabilized Pressure
Fourth Rate Flowing on 29/64" Choke					
1 hr.		3406	2172	11,482	Stabilized Pressure