

SUBSURFACE WELL TEST LOG

P.O. BOX 5254
MIDLAND, TEXAS 79701

"Quality Testing Oil & Gas Wells"

PHONE
915/682-7580

BOTTOM HOLE PRESSURE REPORT

Operator Grace Petroleum Corporation Lease Whitten Federal Well No. 1
Field Lea (Penn), Gas Reservoir Morrow Datum _____
Test Date September 4, 1979 Well Status Shut In Hours Shut In 94 Days
Tubing 2 7/8" Depth 12800' End Open Packer 12800' S. N. _____
Casing 7" OD Depth 14169' Perf. 12972-13208' Total Depth PB 14053'

	Depth	Press. Lbs/Sq. In.	Press.	Gradient Lbs/Ft.
Tubing Press. <u>2299# DWT</u>	Surface	2301		
Casing Press. <u>Packer</u>	12690	3664	1433	.113
Top of Fluid. <u>12890'</u>	13090	3720	56	.140
Top of Water. <u>None</u>	0	0		
Temp. @ <u>13090' F. 187</u>	13090	3720	Ctr. of Perfs.	.140
Elev. KB. <u>3671'</u> GI. <u>3649'</u>				
Last Test Date. <u>6-5-79</u>				
Press. Last Test. <u>3851#</u>				
Change. <u>-131#</u> Per Day. <u>1.394#</u>				
Inst. No. <u>16527</u> Cal. <u>79-2</u>				
Tested By. <u>Leon Arnett</u>				
Calcu. By. <u>L. Arnett</u>				
Prod. Index. <u>Bbls/day/lb.</u>				
Drop. _____				
Cumulative prod. _____				

Remarks:

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STATIC-FLOWING-B. H. PRESSURES

COMPANY Grace Petroleum Corporation Well & No. Whitten Federal No. 1

FIELD Lea (Penn), Gas Date 9-4-79 Instrument No. 16527

DATE	STATUS	SERV TIME	ELAPSED TIME		D. W. T. TP	BHP PSIG @ 13090'
			HRS.	MIN		
9-4-79	Instrument on Bottom	08:55			2299	3720
	Opened to Separator	09:25			2299	3720
	Opened on 1st Rate	11:00	0	00	2295	3720
	1st Flow Rate	11:15	0	15	1978	3514
	1st Flow Rate	11:30	0	30	2010	3421
	1st Flow Rate	11:45	0	45	2012	3384
	1st Flow Rate	12:00	1	00	2012	3378
	Opened on 2nd Rate	12:00	0	00	2012	3378
	2nd Flow Rate	12:15	0	15	1847	3272
	2nd Flow Rate	12:30	0	30	1870	3140
	2nd Flow Rate	12:45	0	45	1810	3140
	2nd Flow Rate	13:00	1	00	1800	3136
	Opened on 3rd Rate	13:00	0	00	1800	3136
	3rd Flow Rate	13:15	0	15	1730	3009
	3rd Flow Rate	13:30	0	30	1690	2931
	3rd Flow Rate	13:45	0	45	1660	2923
	3rd Flow Rate	14:00	1	00	1660	2921
	Opened on 4th Rate	14:00	0	00	1660	2921
	4th Flow Rate	14:15	0	15	1570	2804
	4th Flow Rate	14:30	0	30	1550	2751
	4th Flow Rate	14:45	0	45	1535	2746
	4th Flow Rate	15:00	1	00	1533	2746