

Cameron "31" Federal # 1

D.S.T. SUMMARY

D.S.T. # 1, 9440 - 9500'

Tool open 30 mins. with good blow, GTS in 29 mins. At 30 mins. had 40# on $\frac{1}{4}$ " choke with 78 MCF/D. Shut in 90 mins. Tool open 2 hrs.

<u>Time (mins.)</u>	<u>Choke</u>	<u>Surface Pressure</u>	<u>Rate (MCF/day)</u>
15	$\frac{1}{4}$ "	60 psig	108
30	$\frac{1}{4}$ "	72	125
45	$\frac{1}{4}$ "	85	143
60	$\frac{1}{4}$ "	100	166
75	$\frac{1}{4}$ "	105	174
90	$\frac{1}{4}$ "	110	181
105	$\frac{1}{4}$ "	112	184
120	$\frac{1}{4}$ "	114	187

Shut in 4 hours. Recovered 300' drilling fluid. IHP 4520, PFP - 184 - 207 (30 mins.), ISIP 3479 (90 mins.), IFP 115, FFP 276 in 2 hrs., FSIP 3501 in 4 hrs., FHP 4410, BHT 155 deg. F.

D.S.T. # 2, 9558' - 9580'

Tool open initially for 20 mins. with very good blow. GTS in 7 mins. At end of 20 mins. flowing gas at rate of 1190 MCF/D on $\frac{1}{4}$ " choke with 800 psig. Shut in 90 mins., reopened 155 mins.

<u>Time (mins.)</u>	<u>Choke</u>	<u>Surface Pressure</u>	<u>Rate (MCF/day)</u>
10	$\frac{1}{4}$ "	560 psig	845
20	$\frac{1}{4}$ "	950	1415
30	$\frac{1}{4}$ "	1250	1870
60	$\frac{1}{4}$ "	1765	2620
90	(Shut in drill pipe valve 5 mins. to repair leaking union.)		
95	$\frac{1}{4}$ "	2225	3280
120	$\frac{1}{4}$ "	2185	3234
155	$\frac{1}{4}$ "	2185	3234

Shut in 310 mins. Recovered 250' of gas & condensate cut drilling fluid. IHP 4497, PFP 460 - 1169, ISIP 3813 in 90 mins., IFP 690, FFP 2765 in 155 mins., FSIP 3813 in 310 mins., FHP 4476.