

DAVID FASKEN

Vandiver "7" # 1 (Side Track)

D.S.T. Summary

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APR 5 - 1974

O. G. G.  
ARTESIA, OFFICE

D.S.T. No. 2, 8630-8718'

Tool open initially 45 mins. on  $\frac{1}{4}$ " choke, GTS in 10 mins., 180 psig on  $\frac{1}{4}$ " choke. In 15 mins. on  $\frac{1}{4}$ " choke, 245 psig & 379 MCF/day. In 30 mins. on  $\frac{1}{4}$ " choke, 425 psig & 643 MCF/day. In 45 mins. on  $\frac{1}{4}$ " choke, 540 psig & 813 MCF/day. Shut in 2 hrs. Reopened 2 hrs.

<u>Time (mins.)</u>	<u>Choke</u>	<u>Pressure (psig)</u>	<u>Rate (MCF/day)</u>
15	$\frac{1}{4}$ "	350	534
30	$\frac{1}{4}$ "	515	776
45	$\frac{1}{4}$ "	610	916
60	$\frac{1}{4}$ "	675	1011
75	$\frac{1}{4}$ "	720	1078
90	$\frac{1}{4}$ "	745	1114
105	$\frac{1}{4}$ "	755	1129
120	$\frac{1}{4}$ "	755	1129

Shut in 4 hrs. Recovered 20' condensate plus 430' gas and condensate cut mud. IHP 4249, PFP 211 to 726, ISIP 3400, IFP 258, 2 hr. FFP - 1053,  $1\frac{1}{2}$  hr. SIP 2917 (12 hr. clock ran out at  $1\frac{1}{2}$  hrs. - 24 hr. clock failed to record), BHT 138 deg. F.

D.S.T. No. 3, 8735-8825'

Tool open initially for 20 mins. with weak blow throughout, shut in  $1\frac{1}{2}$  hrs., reopened 1 hr. with very weak blow, shut in 2 hours. Recovered 2000' gas in drill pipe plus 295' slightly gas cut mud. IHP 4156, PFP 107-128, ISIP 406, IFP 128, FFP 213, FSIP 278, FHP 4114.