

DAVID FASKEN

LAKE FEDERAL NO. 1

Drill Stem Test Summary

D.S.T. No. 1, 9338'-9550'

5-15-75

Tool opened with weak blow increasing to good blow. Tool open 45 mins., closed 95 mins. Reopened with GTS immediately, in 5 mins. on 3/8" choke had 11# surface pressure & 82 MCF/day, in 10 mins. on 3/8" choke had 10# surface pressure & 78 MCF/D. Pressure and rate declining to zero surface pressure in 35 mins. Left tool open total of 60 mins. with fair blow, tool closed 2 hrs. Recovered 275' of gas cut drilling fluid. IHP 4518, PFP 71-88 in 45 mins., ISIP 2428 & building in 95 mins., IFP 71, FFP 88 in 60 mins., FSIP 2393 & building in 120 mins., FHP 4518, BHT 160 deg. F. Drilling fluid - 90,000 PPMCl, water sample on top of test tool - 94,400 PPMCl.

D.S.T. No. 2, 10,587' - 10,887'

5-20-75

Tool opened at 8:15 p.m., 5-20-75 with weak blow increasing to very good blow, on 3/8" choke had GTS in 5 mins. T.O. 15 mins., at end of 15 mins. had 1195# surface pressure and 4107 MCF/day. SI 120 mins. w/600# trapped on drill pipe. Reopened tool 120 mins. total - all on 1/4" choke:

<u>Time</u>	<u>Surface Pressure</u>	<u>Rate</u>
15	1965	2906
23	- Water & drilling mud put out flare - too wet to burn, alternately burned gas & vented water & gas throughout remainder of test.	
30	2925	4319
40	3000	4429
50	3005	4436
60	3015	4451
75	3000	4429
90	3015	4451
120	3015	4451

Tool closed 6 hrs. 30 mins. Recovered 60' condensate cut drilling fluid & 470' drilling fluid. (continued on page 2)