

DAVID FASKEN

HOWELL STATE COMM. NO. 1

D.S.T. SUMMARY

D.S.T. NO. 1, 6964'-7062'

Tool opened with very weak blow increasing to very good blow from bottom of bucket. Had maximum surface pressure of 37# with all flow through the bucket. Tool open 15 mins., GTS in 19 mins., tool closed 60 mins. Reopened tool with good blow, in 5 mins. on  $\frac{1}{2}$ " choke had 55# & rate 428 MCF. Flow rate was constant for total opening of 90 mins. Tool closed 3 hrs. Recovered 720' of gas and condensate cut drilling fluid. Top of fluid - 22,000 PPMCl. Bottom of fluid - 51,000 PPMCl. Drilling fluid - 22,000 PPMCl. IHP 3163, Preflow 120-159 (15 mins.), ISIP 2900 (60 mins.), IFP 159, FFP 252, FSIP 2597 (3 hrs. & building slowly), FHP 3137.

D.S.T. NO. 2, 9409'-9439'

Tool opened with very good blow increasing rapidly, in 3 mins. on  $\frac{1}{2}$ " choke had 400# surface pressure, in 4 min. on  $\frac{1}{2}$ " choke had 480#, in 5 mins. had 590# with 3799 MCF/day, in 6 mins. on  $\frac{1}{2}$ " choke had 530#, gas to surface, needle valve & pressure gauge plugging. Tool open total of 15 mins. SI 1 hour & 45 mins. Reopened on  $\frac{3}{8}$ " choke:

<u>Minutes</u>	<u>Surface Pressure</u>	<u>M.C.F./day</u>
10	1260	4328
20	1705	5841
30	1840	6300
40	1870	6402
50	1870	6402
60	1870	6402
75	1870	6402

Tool open total of 75 mins. and shut in 4 hrs. Recovered 575' of very slightly condensate cut drilling fluid. IHP 4436, Preflow 1085 to 1949 in 15 mins., ISIP 3018 (1-3/4 hrs.), IFP 1188, FFP 2528 (75 mins.), FSIP 2941 (4 hrs.), and FHP 4436.