

DAVID FASKEN

HOWELL "29" FEDERAL # 1

Drill Stem Test Summary

D.S.T. # 1, 6615'-6695'

Tool open 30 mins., very weak blow increasing to good blow in 5 mins. Tool closed 60 mins. Reopened w/fair blow increasing to good blow - tool open 75 mins. & shut in for 150 mins. No gas to surface during D.S.T. Recovered 150' gas & condensate cut water & 650' water. Pit sample - 24,500 PPMCl. Top fluid recovery - 33,500 PPMCl. Sampler recovery - 86,000 PPMCl. BHT 122 deg. F. Sampler: 350 psig pressure, 0.12 cu.ft. gas, 2000 cc water.

	<u>TOP</u>	<u>BOTTOM</u>
IHP	2991	3022
PFP (30 mins.)	81-211	129-225
ISIP (60 mins.)	1791	1778
IFP	211	257 (straight line)
FPP (75 mins.)	325	386
FSIP (150 mins.)	2475	2519 (just breaking over)
FHP	2975	3006

D.S.T. # 2, 7575'-7635'

Tool opened w/good blow, sour GTS in 17 mins.

<u>Time (mins.)</u>	<u>Choke</u>	<u>Pressure</u>	<u>Rate (MCF/D)</u>	<u>Remarks</u>
20	1/4"	450	681	sour gas
30	1/4"	572	860	sour gas
45	1/4"	702	1051	sour gas

Shut in 2 hours. Reopened with good blow.

10	1/4"	380	578	drlg. fluid to surf.
30	1/4"	900	1342	fluid by heads
50	1/4"	1060	1577	dry sour gas
70	1/4"	1060	1577	fluid by heads
75	1/4"	1080	1607	sul wtr by heads

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