

State KNN #1
Arkansas Junction Pennsylvania Field
Drill Stem Test

DST #1	5466'-5673'	
15" PF		105-105 PSI Tool opened with fair blow
120" ISIP		2158 PSI
66" FP		105-105 PSI Good blow throughout with
		GTS in 3" @ Max rate of 185 MCFPD with
		2# sur press Dec to TSTM in 15". Gas
		had sour odor
180" FSIP		2158 PSI
I HYD		2450 PSI
FHYD		2450 PSI
BHT		104 F

Rec: 60' SGCDF

Note: Initially through tool did not close for ISI but charts indicate that tool was closed for 120" for ISIP. Both ISIP and FSIP pressure build up was fast.

DST #2	6007'-6092'	
15" PF		42-42 PSI Weak blow
60" ISIP		2200 PSI
60" FP		105-127 PSI Weak blow
120" FSIP		2138 PSI
I&F HYD		2554-2554 PSI

Rec: 5' HO + SGCDF, 175' SGCW. CI 7000 PIT, 22,000 Test. BHT 104 F

DST #3	7225'-7375'	Bone Spring	
15" PF			181-181 PSI tool opened with no blow
60" ISIP			286 PSI
60" FP			181-181 PSI No blow
120" FSIP			241 PSI
I HYD			3240 PSI
FHYD			3240 PSI
BHT			124 F

Rec: 200'DF. Probably from leaky connection above SI tool. Possibly entered when packer was released at end of test.

DST #4	10,435'-10,620'	Penn. L. S.	
15" PF		120-120 psi	Very weak blow, slightly IHC.
65" ISIP		265 psi	
60" FP		120-120 psi	Very weak blow, inc in 10" to weak
			blow & stabilized
120" FSIP		316 psi	

DST #4 Con't on Page 2

DST #4 Con't 10,435'-10,620 Penn LS

IHYD	4256 PSI
FHYD	4722 PSI
BHT	150 F

Rec: 20' DF, slight show of oil & LT show gas (less than 1' free oil).

DST #5 10,870'-10,929' Perm. sand (8' high 1-W)

15" PF	316-316 PSI good blow GTS 5" Max 6# 353 MCF continued to blow after SI for 60" ISIP
60" ISIP	4587 PSI
2 Hr FP	359-1054 PSI Gas @ TSTM inc. in 10" to 2# 195 MCF (on flow period until 10:00 A.M.) Max of 3#, 242 MCF Dec. to TSTM & 0# @ end of FP.

4 Hr FSIP	3987 PSI
IHYD	4897 PSI
FHYD	4835 PSI
BHT	Therm. broke

Rec: Reserved out 10,000' (140 Bbls.) 41 @ 60 oil + 4 Bbls. HO & GCM, no water.
FSI curve had broken over & showed very slight inc would never reach ISI point,
however.

DST#6 10,878'-10,989' Penn Oil Zone

30" PF	106-148 PSI weak blow
60" OSOP	763 PSI
70" FP	212-297 PSI no blow
120" FSIP	720 PSI
IHYD	5163 PSI
FHYD	5079 PSI
BHT	151 F

Rec: 120' very slight GCM. Slight plugging action on PF and FP.