

2-9-82----

DST #1 3129' to 3250' opened tool with v.v. weak blc increasing to  $\frac{1}{4}$ " down in bucket, Tool open for 3", tool closed for 60", reopened tool with v.v. weak blow increasing to  $\frac{1}{4}$ " to  $\frac{1}{2}$ " down in bucket, at  $3\frac{1}{2}$  hrs well nearly dead - only a bubble now and then, tool was open for 4 hrs, tool was closed for 9 hrs.

RECOVERY: 326' water----No oil  
Top Sample 6000 PPM  
Mid Sample 9600 PPM  
T/Tool Sample 36,000 PPM

SAMPLER: Malfunction

	BOTTOM RECORDER 24 hr clock	TOP RECORDER 48 hr clock
IHP	1432	
IPFP	66	1370
FPFP --10"	79	13
ISIP --60"	1419	13
IFP	79	1343
FFP --4 hrs	224	27
FSIP --9 hrs	1445	161
FHP	1445	1383
BHT	850	1397

2-11-82---DST #2 3470' to 3520' (50') Delaware Sand. Tool Open @ 9:16 A.M.  
Blow from bottom of bucket immediately.

After 1"---1# on bubble hose  
5"---3# on bubble hose  
10"---5# on bubble hose  
15"---6# on bubble hose

Tool closed @ 9:31 A.M. for 60", tool reopened @ 10:31 A.M.. Reopened with immediate good blow at bottom of bucket.

After 1" 7# on bubble hose  
2" 11# on bubble hose  
2" ---  $\frac{1}{4}$ " ck  
3" 11#  $\frac{1}{4}$ " ck  
5" 10#  $\frac{1}{4}$ " ck  
9" 7#  $\frac{1}{4}$ " ck Gas to Surface  
15" 3 $\frac{1}{2}$ #  $\frac{1}{4}$ " ck  
20" 1 $\frac{1}{2}$ #  $\frac{1}{4}$ " ck  
24"----- Back side bubbling  
25" 10 $\frac{1}{2}$ oz  $\frac{1}{4}$ " ck Back side bubbling  
35" 8oz  $\frac{1}{4}$ " ck Back side bubbling  
40" 7oz  $\frac{1}{4}$ " ck Back side bubbling  
65" 6 $\frac{1}{2}$ oz  $\frac{1}{4}$ " ck Back side bubbling  
80" 8 $\frac{1}{2}$ oz  $\frac{1}{4}$ " ck Back side bubbling  
90" 5 $\frac{1}{2}$ oz  $\frac{1}{4}$ " ck Back side bubbling

Tool closed for 3 hrs. Reversed out 2.4 BO.

SAMPLER RECOVERY: .106 cu.ft. gas @ 250 psi plus 2700 cc fluid (550 cc oil and 2150 cc water) sampler water 3800 PPM, pit water 3500 PPM.

	TOP RECORDER 24 hr clock	BOTTOM RECORDER 48 hr clock
IHP	1505	1504
IPFP	126	90
FPFP 15"	126	90
ISIP	458	451
IFP	95	108
FFP 90"	126	108
FSIP 3 hrs	849	897
FHP	1505	1504