

DST #3: 12,225' - 12,250', opened tool @ 10:28 A.M. 2-13-83, w/blow 3" down into bucket inc to very good blow from btm of bucket in 2 mins, at 15 mins 2½# on bubble hose. Tool open 15", tool closed 60".  
Reopened tool w/very good blow from btm of bucket immediately.

| Elapsed Time | Choke | SP  | Remarks  |
|--------------|-------|-----|----------|
| 1"           | ¼"    | 8#  |          |
| 10"          | "     | 10# |          |
| 20"          | "     | 9#  |          |
| 40"          | "     | 8½# | GTS      |
| 60"          | "     | 7½# | Flare 3' |
| 75"          | "     | 7¼# | "        |
| 90"          | "     | 7#  | "        |
| 120"         | "     | 6½# | "        |

Tool open 120", tool closed 240".

Recovery: 220' G & C & drlg mud. Top of tool 100% oil (42.8° API @ 60° F )

Sampler: 110#

950 cc green oil (44.6° API @ 60° F).

0.8 cf gas

Trace of mud 161000 PPM Cl

Pit sample is 159000 PPM Cl.

|           | Inside Recorder | Outside Recorder |
|-----------|-----------------|------------------|
| IHP       | 6482            | 6565             |
| IPFP      | 131             | 169              |
| FPFP 15"  | 210             | 275              |
| ISIP 60"  | 5952            | NR               |
| IFP       | 73              | 78               |
| FFP 120"  | 131             | 152              |
| FSIP 240" | 6854            | 6951             |
| FHP       | 6588            | 6584             |

BHT 192° F

DST #4 13,172'-13,229'. TO w/good blow inc to blow from btm of bucket in 2" @ 10" had 4# on bubble hose. TO @ 10", TC 91". Reopened tool & lost pkr seat & POH w/DST #4.

|          | Top Rec | Btm Rec |
|----------|---------|---------|
| IHP      | 7550    | 7571    |
| IPFP     | 569     | 578     |
| FPFP 10" | 587     | 578     |
| ISIP 91" | 6939    | 6914    |
| FHP      | 7550    | 7150    |

No recovery, 1300' water blanket.

DST #5 13,149'-13,229'. TO w/weak blow inc in 1" to 3 inches down in bucket, in 3" blow from btm of bucket, in 9" had 1½# on bubble hose, in 12" had 2# on ¼" choke. TO 12". Gas to surface in 15" or 3" after closing tool. TC 90".

| Elapsed Time | Ch | Surface Press | MCFPD |
|--------------|----|---------------|-------|
| 1"           | ¼" | 2#            | --    |
| 5"           | "  | 4#            | --    |
| 10"          | "  | 6#            | --    |
| 20"          | "  | 69#           | 121   |
| 40"          | "  | 225#          | 350   |
| 60"          | "  | 357#          | 544   |
| 80"          | "  | 458#          | 692   |
| 100"         | "  | 538#          | 810   |
| 120"         | "  | 600#          | 902   |
| 140"         | "  | 666#          | 999   |
| 150"         | "  | 692#          | 1038  |

1550' water blanket.

RECEIVED  
MAR 23 1983  
O.C.D.  
HOBBS OFFICE