

HOOVER OFFICE D.C.C.

PENNZOIL COMPANY

JUL 13 3 05 PM '67

Marathon State Well No. 1
Sec. 2 T-17-S, R-34-E,
Lea County, New Mexico

Drillstem Test Record

DST# 1: 10145-10230 Tool open 2 hours 45 minutes; GTS
in 2 hours 11 minutes @ 5,000 CFGPD Recovered:
10 feet oil (Gv. 46 @ 68 degrees F)
30 feet HOGCM
80 feet SOGCM

Sampler: 1.2 CFG, 600 cc oil 1300cc mud
IHSP 4616
PFP 63/15 mins.
ISIP 734/1 hr.
FFP 75/2 hrs. 30 mins.
FSIP 3709/2 hrs. 30 mins.
FHSP 4616
BHT 154 degrees F

DST# 2: 10692-10732 Tool open 6 hours 10 minutes; GTS
in 20 minutes @ 63.5 decreasing to 26.5 MCFGPD
during second flow; 44.8 decreasing to 24.5
MCFGPD during third flow; 20.0 decreasing to
14.2 MCFGPD during final flow. Recovered:
435 feet oil (Gv. 41.1 @ 60 degrees F)
30 feet UHOGCM
60 feet OGCM

Sampler: 1.0 CFG, 1130 cc oil
IHSP 4918
PFP 79/10 mins.
ISIP 2986/1 hr. 20 mins.
2-FP 146/2 hrs.
2- SIP 1617/1 hr.
3-FP 168/1 hr.
3-SIP 1592/2 hrs.
FFP 193/2 hrs.
FSIP 1383/2 hrs.
FHSP 4990
BHT 155 degrees F
Mud Resistivity: 1.50 @ 60 degrees F
Mud Filtrate: 1.20 @ 65 degrees F
Mud Filtrate Chlorides: 1100ppm

DST# 3: 10727-10782 Tool open 4 hours 10 minutes; GTS
in 1 hour 25 minutes @ 28.0 decreasing to 21.9
MCFGPD during second flow; 50.5 decreasing to 19.9
MCFGPD during final flow. Recovered:
285 feet oil (Gv. 39.6 @ 60 degrees F)
45 feet UHOGCM
75 feet OGCM

Sampler: 65 CFG, 960 cc oil (Gv. 40.7 @ 60 degrees F)
IHSP 5052
PFP 75/10 mins.
ISIP 3874/1 hr.
2-FP 131/2 hrs.
2-SIP 3545/2 hrs.
FFP 177/2 hrs.
FSIP 3453/3 hrs.
FHSP 5073
BHT 155 degrees F
Mud Resistivity: 1.40 @ 70 degrees F
Mud Filtrate Resistivity: 1.20 @ 70 degrees F
Mud Filtrate Chlorides: 1400ppm