

W. A. MONCRIEF, JR., #1 STATE  
1980' FNL, 661' FWL  
SECTION 26, T16S, R33E

DRILL STEM TESTS

DST #1

10,666 - 10,815' opposite Kemnitz Zone.

Open 15", SI 1 hr, open 2 hrs, SI 2 hrs. Opened with good blow and increased to strong blow w/4# on ½" choke on preflow. Reopened for regular flow period w/strong blow. Had 8# SFP on ½" choke after 30 minutes. Had GTS in 11 minutes.

SFP on ½" choke was 5# after 15 minutes

"	"	"	"	"	4#	"	20	"	
"	"	"	"	"	3½#	"	30	"	
"	"	"	"	"	3#	"	35	"	
"	"	"	"	"	3#	"	45	"	
"	"	"	"	"	2½#	"	60	"	and remained throughout test.

Recovered 5' of free oil + 685' G & SIOC mud. Chlorides below sub were 152,000 PPM. Pit sample chlorides were 194,000 PPM. FP 205-205#, 1' ISIP 1595#, FP 205-282#, 2" FSIP 2062#. HP 5570-5518#.

DST #2

11,306 - 11,461' opposite Upper Seaman. Open 15", SI 1 hr, open 2 hrs, SI 3 hrs. Had strong blow on preflow. SI for 1 hr SIP. Reopened w/strong blow for regular flow period. Had GTS in 7" on regular flow period.

Had SFP of 8# on ½" choke & gas volume 101,000 CFGPD after 10 minutes

"	"	"	15#	"	"	"	"	"	195,000	"	"	20	"
"	"	"	17#	"	"	"	"	"	200,000	"	"	25	"
"	"	"	11#	"	"	"	"	"	160,000	"	"	30	"
"	"	"	8#	"	"	"	"	"	101,000	"	"	45	"
"	"	"	5#	"	"	"	"	"	78,100	"	"	60	"
"	"	"	4#	"	"	"	"	"	68,800	"	"	75	"
"	"	"	4#	"	"	"	"	"	68,800	"	"	90	"
"	"	"	3#	"	"	"	"	"	59,200	"	"	105	"
"	"	"	3#	"	"	"	"	"	59,200	"	"	120	"

Recovered 1225' MC & GC emulsified oil. Upper 300' of recovery was 42° gty. Remainder was 46° gty. Sample chamber recovery @ 250# was 1.41 CFG + 1500 CC of 46° oil.

15" FP 256 - 307#                      1' ISIP 2450#

1' FP 256 - 410#                      3' FSIP 4265#                      HP 5910-5884#    BHT 156°

DST #3

11,594 - 11,616' (22') opposite Lower Seaman. Open 15", SI 90", open 90" and SI 3 hrs. GTS 7" w/GARO 600,000 CFGPD. Had oil to surface in 1 hr at estimated rate of 40 BOPH (gty. 40°). Maximum SFP was 290# on ½" choke after 90" on regular flow period w/GARO 2,000,000 CFGPD. Reversed out 6200' (86.8 bbls.) of 40° gty oil, no water. Recovery below circulating sub was 120' filtrate water, chlorides 135,000 PPM (pit chlorides - 182,000 PPM). FP 962-1094#, 90" ISIP 4219#, FP 1006-2186#, 3' FSIP 3268# (951# drawdown). HP 6029-5943#. BHT 162°, Spl. chamber recovery @ 1550# was 4.7 CFG + 700 CC 40° gty. oil + 420 CC BS + 280 CC filtrate water. Water was 117,000 PPM chlorides (pit sample was 182,000 PPM). (Western in Hobbs confirmed that all water samples were drilling water).

RECEIVED

MAR 6 1967

OIL CONSERVATION COMM.  
HOBBS, N. M.