

White #2-10

10-29-34W

0600-1215 (6½) Drlg w/bit #3.
 1215-1315 (1) Circ samples @ 4490'.
 1315-1430 (1½) Made 20 std short trip (no drag or fill).
 1430-1700 (2½) Circ & cond mud for DST #1.
 1700-2000 (3) POH for DST.
 2000-2330 (3½) WO sampler for test tools.
 2330-0400 (4½) PU test tools & TIH. Set pkrs.
 0400-0600 (2) Began running DST #1 in Kansas City "A" Formation @ 4457'-4490' (33'). Opened tool @ 0416 hrs, 3-1-85 for 20 min IFP w/good blow increasing to 18 psi on 1" ck in 20 mins. Closed tool @ 0436 hrs for 60 ISIP. Opened tool @ 0536 hrs for 60 min FFP w/initial 2½ psi on ½" ck & increased to 3½ psi in 60 mins. Had GTS in 1st ISIP. SI @ 0636 hrs for 180 min FSIP.

FORMATION	DRLG BREAK	ROP (MPF)	REMARKS
Kansas City "A"	4472'-4490' (18')	4/1/4	Max gas 400 units

CWC \$124,837

3/2/85 (9 days) 4660' (170'), Mw 9.1, Vis 46

PO: Drlg
 LS/SH

0600-0945 (3 3/4) Finished running DST. Pulled pkr loose @ 0936 hrs. Pulled 25 stds DP. Found gassy oil in remaining 2943'.
 0945-1015 (½) Rig repair.
 1015-1130 (1½) POH w/test tools.
 1130-1330 (2) Reversed out oil.
 1330-1500 (1½) Finished POH.
 1500-1700 (2) LD test tools.
 1700-2000 (3) TIH w/RR bit #3.
 2000-0130 (5½) Drlg w/bit #3.
 0130-0200 (½) Rig repair.
 0200-0600 (4) Drlg w/bit #3.

MAY 2 0 1985

State Geological Survey
 WICHITA BRANCH

NOTE OF INTEREST: Results of DST #1 in the Kansas City Formation from 4457' to 4490' (33') run on 3-1-85.

TOP PRESS CHART	TEST INCREMENTS	BOTTOM PRESS CHART
2148	IHP (psig)	2163
366-408	20 min IFP (psig)	377-419
1182	60 min ISIP (psig)	1200
563-774	60 min FFP (psig)	572-824
1196	180 min FSIP (psig)	1214
2106	FHP (psig)	2149
118°	Temp (°F)	118°

DRILL PIPE RECOVERY
 2943 feet of gassy oil.
 41.8 BC recovered.

PIPE IN HOLE
 SIZE & WT DP: 4½"
 ID OF DC: 2½"
 LENGTH OF DC'S: 330'

SAMPLER RECOVERY

3.5 cf gas.
 1400 cc oil. API Grav = 36° @ 60°F.
 Mud pit sample resistivity = 2 @ 70°F, C1⁻ = 2900 ppm.
 GOR = 425 scf/bbl.
 Sampler pressure = 550 psig.

CWC \$133,242