

DST #3: 10,528-10,588' (30') Strawn, 3/4" BHC, 1/2 " T. C., 600' wtr cushion. Tool opened with good blow. GTS in 9 mins. 22# in 5 mins, 37# in 10 mins & 37# in 15 mins. Tool closed for 60 mins ISIP. Tool opened for 60 mins, final flow w/a good blow on a 3/8" ck. Max press 18# in 10 mins, decr to 4# in 60 mins. Max gas rate 112.2 cu ft/day in 10 mins decr to 64.6 cu ft/day in 60 mins. Tool closed for 180 min FSIP. Recd 600' of wtr cushion in DP. Chls: Top of rec 151,875 ppm; top of circulating sub 14,375 ppm, pit sample 196,875 ppm. Sample chamber @ 10,498', contained zero fluid & 103.8 cu ft of gas @ 100 psig. BHP's as follows:

	<u>TOP CHART</u> <u>@ 10,510'</u>	<u>BOTTOM CHART</u> <u>@ 10,554'</u>
IMCP	5930#	5940#
15 min preflow	231-231#	184-184#
60 min ISIP	1790#	1826#
60 min final flow	184-277#	161-276#
180 min FSIP	2383#	2364#
FMCP	5930#	5940#
B. H. Temp	170° F	170° F

Ran DST No. 4 Morrow "B" Zone 11,280-11,424'. Open tool and took 15 min preflow. Good blow immed. 5 min-5#, 10 min-18 psig on 3/8" ck, 15 min-25 psi on 3/8" ck, SI for 1 hr. Reopen for final flow and flwd 1 hr @ the following rates & pressures: (Tool open 75 mins)

<u>TIME</u>	<u>FDP PRESSURE-PSIG</u>	<u>RATE CFD</u>
10	12	91.8
20	40	187.0
30	45	204.0
40	49	217.6
50	56	241.4
60	63	265.2

SI for 180 mins. POOH w/tools. Rec 4300' of gas & wtr cut drlg fluid. Smpl chmbrs @ 11,256' continued 400 cc form wtr & 0.437 cu ft gas @ 80 psig. Chart readings as follows:

<u>Depth</u>	<u>11,260</u>	<u>11,420'</u>
IHP	6,111	6,207
IFP (15 mins)	277-346	277-414
ISIP (60 mins)	4,752	4,779
FFP (60 mins)	553-922	598-966
FSIP (180 mins)	4,797	4,510
FHP	6,066	5,851
BHT	190° F	190° F