

HAY HOLLOW NO. I DRILL STEM TEST SUMMARY

DST NO. 1 2279'-2361'. Delaware sand. 15" preflow w/no blow. Shutin 25". Opened 15" for regular flow w/no blow. Shutin 15" for FSIP. BHT 80° @ 2355'. Sample chamber recovery: 2100 cc drilling fluid. Drill pipe recovery 15' drilling fluid.

<u>Top Chart</u>		<u>Bottom Chart</u>
HP	1152-1152	1226-1226
FP	14-27	80-241
ISIP	1139	774
FP	41-27	134-120
FSIP	137	241

DST NO. 2 2279'-2412'. Delaware sand. Open 15". Shutin 60". Open 30" with very weak blow and died immediately. Shutin 1'. Recovered 275' salt water plus 90' sand. Sampler plugged with sand. BHT 80° @ 2407'. Charts indicate some plugging.

<u>Top Chart</u>		<u>Bottom Chart</u>
HP	1166-1152	1252-1225
FP 15"	41-150	134-254
ISIP 60"	1112	1199
FP 30"	137-205	361-388
FSIP 1'	1045	1199

DST NO. 3 6901'-7039'. Bone Spring Sand. Opened 30" with weak to fair blow. Shutin 1 hour. Opened for 1 hour with weak blow, increasing to fair blow. Shutin 2 hours. Recovered 400' salt water. Sample chamber recovery 2100cc salt water. BHT 160°.

<u>Top Chart</u>		<u>Bottom Chart</u>
HP	3152-3152	3270-3234
FP	109-137	147-214
1' ISIP	355	401
FP	219-232	254-281
2' FSIP	396	455

DST NO. 4 7546'-7593'. Bone Spring Sand. Opened 30" with weak blow increasing to fair blow. Shutin for 1 hour. Re-opened for 45 minute regular flow with fair blow decreasing at end of test. Shutin 1½ hours. Recovered 40' gas cut drilling water. Sample chamber recovery was 2100 cc gas cut drilling water at 50 psi. BHT 130°.

<u>Top Chart</u>		<u>Bottom Chart</u>
HP	3445-3445	3495-3482
30"FP	54-54	66-66
60"ISIP	245	280
45"FP	54-41	80-66
90"FSIP	300	334

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DST NO. 5 8180'-8231'. Bone Spring sand. Opened 30" with good blow decreasing to fair blow. Opened on ½" choke and died in 15". Shut in 1 hour. Re-opened for 1 hour regular flow with weak blow - increasing to good blow in 15". Decreased to weak blow and remained steady to end of test. Shutin 2 hours. Recovered 425' fluid (10% condensate plus 90% water). Sample chamber recovery..11 CFG plus 2200 cc water at 25 psi. BHT 137°.

<u>Top Chart</u>		<u>Bottom Chart (8228')</u>
HP	3883-3862	3811-3890
FP	86-86	108-108
ISIP	129	172
FP	86-86	108-108
FSIP	151	172