

THRESHOLD DEVELOPMENT COMPANY

CONOCO "7" STATE #1

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ARTESIA, OFFICE

In the interval 2825-2913', Threshold Development ran its first Drill Stem Test on the Conoco "7" State #1. For 1/2 hour, the initial blow showed very weak and was shut-in for one hour. The tool was again opened and a steady, but weak flow was recorded. Final shut-in period was 3 hours.

IHP	1310 psi	FHP	1310 psi
IFP	52 psi	FFP	52 psi
ISIP	981 psi	FSIP	981 psi

The Drill String Recovery showed 480' of drilling mud while the sample chamber had 100 cc. of oil and 200 cc. of water. Bottom hole temperature was 85°F.

The second test was made at the depth interval 7630' to 7617' in the second bone springs. The initial blow was weak but had a slight increase after 1/2 hour. The tool was then shut-in for 1 hour. Then reopened with no change in the blow. Final shut-in time was 6-1/3 hours.

IHP	3530 psi	FHP	3530 psi
IFP	93-185 psi	FFP	370-463 psi
ISIP	370 psi	FSIP	880 psi

After the tool was brought out of the hole the drill string recovery showed 1,608' of drilling fluid with no recovery in the sample chamber. Bottom hole temperature was 118°.

The last test was done in the Strawn at 10,095 to 10,254'. In a freeflow time of 1/2 hour, a weak to good blow was made, but with no gas to the surface. After being shut-in for 1 hour the tool was opened for 1-1/2 hours with a fair to strong blow. Once again no gas came to surface. Final shut-in was 3 hours.

IHP	5137 psi	FHP	5116 psi
IFP	648-770 psi	FFP	1291-1410 psi
ISIP	1674 psi	FSIP	4529 psi

For the recovery, the drill string showed 3854' of gas cut drilling fluid and the sample chamber, 2200 cc. of gas cut drilling fluid and 9.64 cubic feet gas. Bottom hole temperature was 162°.