Attachment Form 9-330 Gulf Oil Corporation - Franklin Federal et al No. 1

- DST #1 8376-3646', Strawn; opened tool for 20 minute preflow with weak blow through out. Took 60 min ISIP. Opened tool for 120 minute flow. Bypassed tool after 1 hour, had weak blow throughout. Took 120 min FSIP, rec 2031' drilling mud, no show oil or gas. IHP 3940#, 1st flow IFP 190#, FFP 232#, 60 min ISIP 422#. 2nd flow IFP 253#, FFP 592#, 120 min FSIP 1205#, BHP 3940#. BHT 140°.
- DST #2 9430-9587'. Tool opened with wak blow increased to fair blow during 15 minute preflow. Took 60 min ISIP. Opened tool with fair blow which remained during 60 minute flow. Took 60 min FSIP. Recovered 1045' drilling mud, 5000' muddy salt water from recorder at 9431'. IHP 4728#. 1st flow IFP 783#, FFP 1059#. 60 minute ISIP 3113#. 2nd flow IFP 1837#, FFP 2450#, 60 min FSIP 3340#. FHP 4728#. BHT 150°.
- DST #3 9695-9827' Morrow. Tool opened with good blow and remained for 15 minute preflow. Took 60 minute flow, opened with weak blow increased to strong blow, gas to surface in 40 minutes, too small to measure. Took 142 minute FSIP. Recovered 1710' drilling mud, 90' salt water, no gas or oil. IHP 4795#. 1st flow IFP 230#, FFP 460#. 60 min ISIP 3659#. 2nd flow IFP 576#, FFP 875#. 142 min FSIP 3659#. FHP 4975#.
- DST #4 9840-10,200' Morrow. Took 15 minute preflow. Opened tool with weak blow increased to string blow, gas to surface 15 minutes. SI 60 minutes. Opened on 3/8" choke for 60 minutes, surface pressure building to 160#, average rate 590 MCFPD. Opened on ½" choke, surface pressure 140#. 20 minute average rate 710 MCFPD; 30 minute average rate 685 MCFPD. 120# surface pressure at end of 30 minute flow and declining. Gas gravity .575 (.65). Took 135 minute FSIP. Recovered 676' mud with no gas or oil. IHP 4847#, FHP 4847#. 1st IFP 413#, FFP 505#. 60 minute ISIP 4451#. 2nd flow IFP 505#, FFP 551#. 135 minute FSIP 4451#.

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