

Government R continued

DST #4: 10,825-10,920' (95') Atoka Lime. 1049' WC. 5/8" BHC. Opened tool for 15 min pre-flow w/good blow immed. on on 1/2" TC. After 15 mins had 10 psig on 1/2" choke. Closed tool for 90 min ISIP. Had gas to surf after 2 mins of ISIP (17 mins). Re-opened tool for 90 min flow w/good blow immed. on 1/2" choke w/flwg pressures as follows:

12 psig in 10 mins.
 31 psig in 20 mins.
 38 psig in 38 mins.
 36 psig in 40 mins.
 35 psig in 60 mins.
 36 psig in 70 mins.
 37 psig in 80 mins.
 37 psig in 90 mins.

Gas volume at end of 90 min flow 298 MCFD on 1/2" choke at 37 psig. Closed tool for 90 min FSIP. Rec'd 1049' WC and 219' of gas cut drlg. fluid (4.5 bbls). Sample chamber at 10,779' contained 209 CF gas at 950 psig and 560 cc drlg fluid that titrated 103,000 ppm chlorides. Drlg fluid in pit titrates 108,000 ppm chlorides. Chart readings from top chart at 10,909' as follows:

| | |
|-----------------|--------------|
| IMCP | 5547 psig |
| 15 min pre-flow | 495-495 psig |
| 90 min ISIP | 4909 psig |
| 90 min IFP | 468-549 psig |
| 90 min FSIP | 4800 psig |
| FMCP | 5547 psig |
| BHT | 177° F. |

DST #5: 11,000-11,173' (173') Morrow. 5/8" BC, 1500' FWC. Opened tool w/a good blow immed, continuing thruout initial flow period. No surface press. Closed tool for 90 min ISIP at 9:11 AM. Gas to surf in 33 mins (18 mins after closing tool) w/6# surf press on blow hose. Re-opened tool for 120 min flow period w/gas flow immed. On 1/2" choke, rate incr from 160 MCFD at 10# flwg press to 396 MCFD at 72# FP after 100 min flow, then decreased to 349 MCFD at 66# FP at end of flow period. No fluid to surf during test. Closed tool for 120 min FSIP. Rec'y in DP 1500' gas cut WC (6.30 bbls) and 200' gas cut drlg. fluid (0.84 bbl.) Sample chamber at 10,973' contained 7.14 CF gas and 700 cc drlg fluid at 2850#. Liquid in chamber titrated 100,000 ppm chlorides. Drlg fluid in pit titrated 100,000 ppm chlorides. Pressure readings.

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