WEST JAL UNIT

WELL NO. 1

Drill Stem Test No. 7 - 15.340 - 15.700*

1/4" BHC. 3/8" THC 8000' water blanket. Tool open with fair blow air for 1 hour. Closed for 1 hour, BHP. Opened for 3 hours with fair air blow declining to weak air blow at end of test. No fluid or gas to surface. Closed for 1 hr. for final BHP. Reversed out 8000' water blanket and estimated 11 bbls. medium gas cut mud, no show of oil or water. Fulled packer and pressure charts. Hyd. press. IPP 3685#, FFP 3905#. Went in hole and found bridge at 15,460'. Went in hole and cleaned out bridge.

Reached total depth of 15,958' on December 16, 1962, with 4-5/8" hole. Well deepened from 12,058' to 15,958' for a total of 3900'. Lost & failed to recover 2 drill collars & 4-5/8" diamond bit at T.D. 15,958'.

Drill Stem Test No. 8 - 15.340 - 15.958*

1/4" bottom hole choke, 8000' water blanket, packer set at 15,340'. Tool open 1 hour with with weak air blow. Closed 1 hour for Initial SIP. Reopened tool for 3 hours with weak air blow throughout test. No gas or fluid to surface. Shut-in 1 hour for Final SIP. Reversed out 8000' water blanket and estimated 5 bbls. slightly gas cut mud, no shows. Initial SIP 8525 psi. Initial FP 3690 psi. Final SIP 7420 psi. Final FP 3945psi. Hydrostatic Pressure 9445 psi (in & out). SaixMax

Set Baker Model "N" Cast Iron Bridge Flug at 15,340'. Spotted 50 sacks cement plug from 15,340' to 14,865'. Set 280 jts. (11,447') of new 7" OD 26# 8-R SS P-110 LT&C casing in top of 7" Liner The Back Sleeve at 11,473' and cemented with 500 sacks of cement. W.O.C. Perforated 5-1/2" OD liner with 4 holes at 13,560'. Set Halliburton Cast Iron Cement Retainer at 13,520' and squeezed 5-1/2" OD liner perfs. at 13,560' with 65 sacks of cement. Ferforated 5-1/2" OD liner with 4 holes at 13,410' and squeezed with 70 sacks of cement. Cleaned out cement to 13,520'. Perforated 5-1/2" OD liner 13,462' to 13,472' for a total of 10' & 40 holes.

Drill Stem Test No. 9 - 13.462' - 13.472'

Tool open total 16 hours, 2-7/8" drill pipe, 1/4" bottom and 3/8" top chokes, 6000' water blanket. Facker set at 13,425'. Opened tool 1 hour then closed for 1 hour ISIP. Reopened tool with weak blow increasing to fair blow in 2 hours. Gas to surface in 4 hours. Flowed gas 11 hours, insufficient to test. Water blanket did not arrive at surface, no fluid or distillate. Shut in for 1 hour FSIP. Reversed out water blanket, no oil or distillate. Hyd. Fress. in and out 10,415#, ISIP 5425#, FSIP 7550#, IFP 2795#, FFP 2630#.

Continued on Sheet no. 2

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