

ATP Oil & Gas Corporation
MISSISSIPPI CANYON Block 941, Well No. A002
OCS-G-16661

WELL DATA

WD: 4000'
RKB to Mudline: 4145'
Status: The well has the 7-5/8" tieback run to surface with 10-3/4" x 7-5/8" outer and inner riser respectively.
Type well: Oil
PBSD: 17,930' MD/13,770' TVD
Drive Pipe: 36" @ 4328' MD
Cond: 28" 218# X-56 @ 4,823' MD
Surface: 22" 224.2# X-80 @ 5,881' MD / 5,881' TVD
Surface liner: 18" 94# X-80 @ 6,728' MD / 6,698' TVD, TOL @ 4,840' MD
Surface liner: 16" 84# L-80 @ 9,258' MD / 8,541' TVD, TOL @ 4,749' MD
Intermediate: 13 5/8" 88.2# HC Q125 @ 12,618' MD / 10,714' TVD
Drilling liner: 11 3/4" 65# HCQ125 Hydril 513 @ 16,620' MD / 12,830' TVD, TOL @ 12,224' MD / 10,490' TVD
Production liner: 7 5/8" 39# C-95 @ 17,927' MD / 17,927' TVD, TOL @ 11,981' MD / 11,981' TVD
Tubing: 4 1/2" / 12.75ppf / 13Cr-95 / BTS-8
Tree: 13 5/8" 10K, Dril-Quip Surface Tree
SCSSV: Schlumberger TRC-II-10 @ ±8,132' MD
Current Perfs: Upper Yellow "C" Sand: 17,464' – 17,520' MD / 13,422' – 13,465' TVD
Lower Yellow "D" Sand: 17,627' – 17,714' MD / 13,547' – 13,614' TVD
Proposed Perfs: Yellow "B" Sand: 17,302'-17,401' MD / 13,310'-13,374' TVD
Completion Fluid: 13.3 ppg CaBr₂ brine

WELL STATUS

Well No. 004 was drilled in August of 2011 with a PBSD of 17,930' MD/ 13,770' TVD and renamed A002. It was originally thought that the "B" sand was a gas sand, but MDT data obtained in the MC 942 #2 ST 001 has shown the "Yellow B" sand to be oil bearing. ATP would like to temporarily isolate the C & D sands and move up hole to complete the B sand.

RECOMPLETION PROCEDURE

1. Skid rig over slot #6. Secure rig.
2. R/U 3-1/16" 10M flanged riser from top of X-mas tree to rig floor.
3. R/U on 7-5/8" annular casing valve and pressure test 7 5/8" casing to 5200 psi for 30 minutes on chart.
4. R/U slickline and RIH with gauge run in preparation to close the sleeves in both the "C" & "D" sands. RIH with 2.313" shifting tool and close all sleeves. POOH.

5. Record SITP. Bleed off 1000 psi from SITP to negative test sleeves, monitor for 30 minutes to insure that the sleeves are closed and holding. If necessary, make another run with shifting tool. Have a 2.313" "X" plug and junk basket on location in case sleeves will not test.
6. P/U slick line tubing punch tool and RIH. Perforate 4 1/2" 12.75# 85KSI 13cr tubing at 17,350'. POOH and R/D slick line.
7. Have 2-1/16" 10M companion flange with 1502 1/2 union on 7-5/8" annulus casing valve and run hose to kill line rigged up while performing slickline work. Reverse circulate 13.3 ppg CaBr₂ while taking returns through gas buster and into 100 bbl surface tank. Have company on location to polish and separate oil & saltwater from tubing returns. Once completion fluid is at surface, divert flow to mud pits and reverse circulate a minimum of 2 tubing volumes (530 bbls) and filter to less than 30 NTU's. R/D riser and slickline equipment.
8. Open well and monitor for flow for 30 minutes, if no flow is observed, install BPV in tubing hanger and N/D surface tree.
9. Test BOP stack to 250/5700 psi on stump prior to N/U.
10. N/U 13-5/8" 10M BOP stack configured with VBR's. Install 2-way check valve prior to testing BOP lower flange connector to 250/5700 psi.
11. Pull 2-way check valve and latch onto tubing hanger using THRT. Pull tubing hanger to rig floor and disconnect control lines. Have spoolers rigged up along with tubing running equipment.
12. Start POOH and L/D 4-1/2" tubing. Utilize tarp over slips and pressure wash tubing as it comes out of the well. Have thread inspectors check tubing prior to L/D and make sure all tubing has protectors. R/D tubing handling equipment.
13. P/U TCP guns with packer plug and TIH to 17,410. Set packer plug and set guns on depth using the top of the SLB Quantum packer @ 17,410 as a correlation. Perforate well from 17,302' to 17,401'. Monitor pressures for 15 minutes. Open packer by-pass and monitor for losses. If no losses are occurring, reverse out below packer for 1.5 tubing volumes. If losses occur, consult with Houston office for LCM pill design. Spot pill and POOH.
14. P/U Overshot and VACS tool along with a magnet and TIH to recover packer plug at 17,409'. Latch & POOH with packer plug.
15. P/U GP assembly and TIH on 4-1/2" DP. Snap in and out of packer at 17,410' and space out for frac job. R/U 4" frac iron. Set packer and establish positions. Pickle pipe as per procedure. Have frac boat on location prior to finishing pickle job.
16. R/U frac boat. Flush and test lines as per procedure. Pump acid and follow with frac as per procedure.
17. POOH L/D 4-1/2" XT-43 DP in doubles.
18. R/U tubing running equipment and start running 4-1/2" production tubing as per schematic. Verify production seals in seal bore.

19. Land tubing hanger and set BPV in hanger. N/D BOP. N/U X-mas tree.
20. R/U SWT (surface well test) equipment for flowback.
21. While R/U SWT equipment R/U slickline unit and RIH with gauge run. POOH. P/U shifting tool and RIH and shift the sleeves in the "B" sand open. POOH .
22. Flow "B" sand as per ATP recommendations.
23. Release well to production.