

MGM OIL & GAS

UNIVERSITY 1B 32-1

SEC 32, BLK 1, ULS

11/11/2015 Start of report

RIH w/ 4.5" overshot and 2" grapple, made connection first try, pulled 40k over and parted, POOH 2 3/8 tubing and inspect fish. 18" fish, repair grapple with 2 3/8 and RIH. Tag part and latch first try, pull 40k, TAC not releasing. RIH with 3/4" rod grapple through overshot. Try to latch for 1.5 hrs w/ no success. POOH with rods, no fish. Pull 60k on tubing w/ over shot and 2 3/8 grapple SDFD

11/12/2015 Arrive on location and find tubing had shifted, lost weight according to weigh indicator. POOH w/ string weight only. Over shot on surface, split down the side and no grapple in overshot. Call fishing hand in Odessa for dispatch. MU 3 3/4" overshot, 2-3 3/4" x 36" overshot extensions, 3 1/8<sup>th</sup> Bumper sub, 3 1/8<sup>th</sup> jars, & 3 1/8<sup>th</sup> accelerator. Cont RIH w/ 2 3/8<sup>th</sup> tubing, latch on to fish, work jars for 2hrs. SDFD

11/13/2015 cont jarring on fish for 3hrs attempt to release overshot, took 2hrs. POOH and LD BHA. Trans-Tex reverse unit and power swivel on LOC. PU 3 7/8<sup>th</sup> flat bottom mill and run on (4) 3 1/8<sup>th</sup> DC, RIH w/ mill and tag fish @ 5242'. Pull 2 stands, SDFWE

11/14/2015 SDFWE

11/15/2015 SDFWE

11/16/2015 Run jnt, pick up power swivel & break circ. Tag fish @ 5242. Milled 14" off tbhg top (1hr), circ clean. Laydown swivel & POOH w/ tbhg and DC to derrick. p/u 3 3/4" lead block and 2 stands tbhg, run on sand line to tag fish. POOH tbhg and lead block. Block showed good circle. p/u 3 3/4" o/shot w/ 2 3/8<sup>th</sup> grapple and RIH. Shut down for wind 1:30pm

11/17/2015 cont. in hole w/ o/shot, latch on fish @ 5243. p/u 3/4" x 5/8" baby red & RIH to fish. Could not latch onto rod. POOH w/ o/shot and rig up power swivel. Attempt to hold torque and release TAC, no good. RD swivel and RU Rotary WL Company. RIH w/ 1 7/16<sup>th</sup> ccl + (1) 8' weight bar & tag @ 5243'. Would not pass, POOH. Pick up 1 7/16<sup>th</sup> chisel & 2 weight bars and RIH, tag tbhg top, sticky action, POOH. Attempt manual back off, pick up tbhg to 50k. Torque tbhg 18 rounds left multiple times, lost 60 rounds left. Work tbhg to 60k, no back off. Pull 60k. SI SDFD

11/18/2015 Torque string back to the right, try to release o/shot pulled 30k over with no success. Pulled 35k over, no good. Called Rotary WL (Hobbs). Continue to work o/shot until Rotary arrives on LOC. Consult w/ Rotary operator, worked pipe for additional 1.5hrs. Sat all sting weight on o/shot and torque right, o/shot released. POOH. SDFD

11/19/2015 RIH with tubing and rods. LD rods in singles. LD most tubing on seals. SDFD

11/20/2015 LD remaining tubing on seals. Left one joint hanging to make up WH. RDMO Reliable Well Service rig.

1/4/2016 Rig arrives on LOC and rig up. SDFD

1/5/2016 PU Baker Hughes wash over shoe, 4jnt wash pipe, intensifier, and jars. RIH with 157jnt 2 3/8 tubing. Tag @ 5,269' wash down to 5,274' with more progress. POOH SDFD

1/6/2016 Continue POOH with BHA. Stand all pipe to derrick. Change out wash over shoe. Drop rabbit down first stand of wash pipe. Rabbit does not pass. Lay out stand of wash pipe and find pieces of grapple and control ring stuck in wash pipe. Use old tubing to hammer out parts from WP. Run magnet with one stand of 2 3/8" tubing to top of fish on sand line (35 min round trip) nothing on magnet. Pick up WP and run assembly back in to top of fish. Begin circulation. One bottoms up, no solids. Begin RIH until top of fish bottoms out in all wash pipe. POOH till dark. SDFD

1/7/2016 Continue to POOH w/ tubing and inspect. Lay down wash pipe and wash over shoe. P/U outside cutter, wash pipe, & 2 3/8 tubing. RIH to engage Cutter. 1350 lbs torque. Cut fish and pull to surface slowly. Recover 110.54' of tubing lay out damaged tubing, wash pipe and cutter. P/U over shot and mouse trap for 3/4" rods. RIH on tubing engage rods and begin to work. Pump stuck. Pull 55k and SDFD

1/8/2016 work rods, pump unseats but dragging for 350'. Clear obstruction and POOH with rods and pump. Rods on surface, clear floor and prep to POOH with rods. POOH w/ rods and pump to surface SDFD

1/11/2016 RIH with 2 3/8" guide and grapple. Engage grapple and work pipe. Still stuck. Work for two hours, TAC seems to be dragging. Called for Renegade (Snyder). Cont. to work tubing, tubing parts at slips and falls 22'. Baker calls for second overshot (Midland). Renegade rigs up and overshot arrives. P/U overshot and engage fish at 22' pull to surface and set tubing in slips. Disengage overshot on surface. RIH w/ 1 7/8" WL chisel. Find obstruction in tubing. SDFD

1/12/2016 Cont several trips in tubing to clear obstruction. Order 1" tools from Andrews Yard (renegade). Rig up "string shot" on 1" rope socket. RIH and clear obstruction RIH to 8662', misfire, WL truck Spool breaks at 45' in well. POOH tools by hand, Renegade will fix truck overnight. SDFD

1/13/2016 Renegade RIH with string shot to 8662', shots fired. WL POOH and rig up CCL to confirm back off. Back off confirmed at 8662' (collar) WL POOH and rig down/ released. Rig POOH with fish to surface laying out in singles. Recover 103 jnts. Housekeeping and prep to receive rental tubing (N-80 10,120') SDFD

1/14/2016 Receive 2 3/8 tubing, rack, and tally. P/U wash over assembly. RIH to fish @ 8662'. Mill to top of TAC @ 8683'. Lost returns POOH, SDFD

1/15/2016 Cont. POOH with tubing and wash over assembly and L/D to racks. P/U 2 3/8" Screw in assembly and jars. RIH to top of fish, screw in and pull test connection, good. Jar with one hit, fish pulled free. POOH with several hang ups, jar when needed. SDFD

1/18/2016 Cont. POOH with assembly, jars and fish. All tubing recovered. P/U bailer assembly. RIH clean out from 9900' to 9984' POOH 14 stands. SDFD

1/19/2016 cont POOH w/ Bailer assembly, 3 joints of solids recovered. P/U Service packer and RIH to 8800'. Set packer. Load annulus, 65 bbl. Inject into casing leak 1.9 BPM @ 500psig. Continue RIH to 9648'. Meet w/ rod salesman to discuss rod design and replacement. SDFD

1/20/2016 Acidize Strawn from 9828' – 9834' w/ 750 gal NeFe 15% HCL and Cisco from 8860' – 8855' w/ 750 gal NeFe 15% HCL. POOH L/D tubing. Set packer @ 6377' inject at 1.3 BPM at 450 psig. POOH to 6185' cannot set packer. POOH to 4684' test injection. 500 psi and no injection. RIH to 5200' cannot set packer. Close BOP to wash trash off packer, pump 55 bbl. Still cannot set packer. POOH, L/D tubing to racks. Release rental string of 2 3/8 N80 tubing. SDFD

1/21/2016 Move rental string from racks and receive production string. Tally on racks  
P/U and RIH w/:

- 271 jts 2 3/8" tbg
- 1 – TAC
- 36 jts 2 3/8" tbg
- 1 – 2"x 1.10 SN
- 1 – 4' – 2 3/8" PS
- 1 – 2 3/8" MA W/ 2 3/8" BP
- SN @ 9870'
- TAC @ 8769'
- EOT @ 9905'

1/22/2016 P/U Pump and RIH as follows

- 112 – 7/8" rods
- 273 – 3/4" rods
- 10 – 7/8" rods
- 1 – 2"x1 1/4"x16' BHP w/ 6' gas anchor

Seat pump w/ "light tag". Load and test pump to 500psig, good. Stroke pumping unit up to 500psig, 9 strokes. Rig down 3<sup>rd</sup> party equipment and release. Left unit on "Hand" and called pumper to inform.

---FINAL REPORT---