

Chronological Well Records

Lilli Field

WELL: Lilli Unit 16-12 SESE 12-8N-59W

Date	Nature of Operation
11-02-94	Moved to location. Drilled deadman holes. Rigged up. Pulled rods. Tagged bottom with tubing. Pulled tubing and tallied it out of hole. (Found bottom @ 6457' KB.)
11-03-94	Ran sand pump. Cleaned out 5 gallons of cement. Sand and frac balls. Ran tubing. Landed tubing with seating nipple @ 6444' KB and end of perforated nipples @ 6447' KB. Ran rods. Changed 3- 7/8" rod boxes and 6- 3/4" rod boxes. Hung well on. Used tank trailer to load tubing. Load and pressured tubing to 200#. Held good. Rigged down. Moved off location. *225' of fluid over seating nipple Rods: 75- 7/8"; 182- 3/4" – Rod Subs: 1- 2'x 7/8"; 2- 6'x 7/8" Tubing: 196 jts 2 3/8" – Tubing subs: 1- 10'x 2 3/8" Pump: 2"x 1 1/4"x 10'x 14'x 15' heavy wall Anchor: 2 3/8"x 4 1/2" anchor 6 jts above seating nipple Other: 2 3/8"x 3' perforated nipple
6- 1-95	Pressured to 210# with 15# drop in 5 minutes
4-1-95	Moved to location.
4-2-96	Unseated pump. Pulled rods. Changed pump. Ran rods. Changed polished rod liner and 2" check valve in flow line on tubing side. Hung well on. Used tank trailer and loaded tubing. Used rod pump and pressured tubing to 200#. Held good. Rigged down. Moved off location *Unable to feel fluid with pump Rods: 75- 7/8"; 182- 3/4" – Rod Subs: 1- 2'x 7/8"; 2- 6'x 7/8" Pump: 2"x 1 1/2"x 10'x 14'x 15' heavy wall
12-9-96	Picked up rig @ Akron. Moved to location. Rigged up. Unseated pump and pulled rods. Changed pump. Ran rods. Hung well on. Used tank trailer and loaded tubing with fluid. Pressured tubing with rod pump to 200#. Held good. Rigged down. Moved off location. *Unable to feel fluid with pump Rods: 75- 7/8"; 182- 3/4" – Rod Subs: 1-2'x 7/8"; 2- 6'x 7/8" Pump: 2"x 1 1/4"x 10'x 14'x 15' heavy wall

Chronological Well Records

Lilli Field

WELL: Lilli Unit 16-12 SESE 12-8N-59W

5-7-98	Moved to location from sterling yard. Rigged up. Unseated pump. Pulled rods. Changed pump. Ran rods. Hung well on. Used tank trailer and filled tubing with production fluid. Used rod pump and pressured up tubing to 200#. Held good. Rigged down. Slid off in ditch with tank trailer while trying to leave location. Finally got out with pick-up using backhoe.
5-8-98	Moved off location. (Waiting for road to dry.) Rods: 75- 7/8"; 182- 3/4" – Rod Subs: 1- 2'x 7/8"; 2- 6'x 7/8" Pump: 2"x 1 1/4"x 12'x 15'x 16' heavy wall
12-06-00	Moved to location. Rigged up. Hung well off. Rods seemed to be parted. Tried to screw on. No luck. Pulled rods. Threads were pulled in box on top of pump. Put on a new box. Ran rods. Screwed onto pump. Unseated pump.
12-07-00	Pulled rods. Changed pump. Ran rods. Change d6-3/4" rod boxes. Hung well on. Used tank trailer to load tubing with production fluid. Pressured to 150#. Held good. Too windy to rig down.
12-08-00	Rigged down. Moved off location. Rods: 75-7/8"; 182- 3/4" – Rod Subs: 1-2'x 7/8"; 2-6'x 7/8" Pump: 2"x 1 1/4"x 10'x 14'x 15' heavy wall
11-11-02	Moved to location. Rigged up. Hung well off. Unseated pump. Pulled rods. Unlanded tubing. Unset anchor. Pulled and tallied tubing out of hole.
11-12-02	Hauled mud pump and tank to well. Got a load of water on water truck. Ran bridge plug and packer on tubing. Set BP @ 6195' KB. Pulled packer up to 2500', set packer. Tested plug. Dripped 10 gallons sand down tubing on to plug. Used water truck and started testing for a hole in casing. Found hole between 1856' to 1878'. Have another hole or holes from 1878' to 1158'.
11-13-02	Tried to pump down tubing to get circulation up surface but wasn't able to. Tied blocks back on deadline. Unlanded casing. Started working casing about 1400' free. Moved 400 bbls tank over from Castor 8-14. Put on load water in tank.
11-14-02	Loaded 2200' of 1" pipe on rod trailer. Took to the well. Started running 1" on the out side of casing. Had to circulate pip down. wasn't able to get past 1100'. Pulled pipe back out.

Chronological Well Records

Lilli Field

WELL: Lilli Unit 16-12 SESE 12-8N-59W

11-15-02	Ran 1" pipe back in. Mixed 30 bbls gel. Circulated down 1". Still wasn't able to get past 1100'. Pulled pip out. Relanded casing. Unloaded 1" pipe in Lilli yard.
11-18-02	Ran Baker bridge plug and packer on tubing into 1850'. Set bridge plug. Started testing for upper holes in casing. Moved plug and packer up hole. Seemed to have several holes between 1100' KB and 1856' KB. Pulled plug and packer out of hole. Ran cement retainer on tubing. Set retainer @ 1850'. Mixed 4 sacks cement. Pumped down tubing. Stung out of retainer. Pulled tubing.
11-19-02	Ran tubing. Tagged top of cement @ 1810'. 40' cement on retainer. Started swabbing tubing. Still getting about 7 bbls an hour entry. Pulled tubing back out. Put on packer. Ran tubing, set packer @ 1050'. Mixed 50 Sacks cement pump down tubing. Shut well in.
11-20-02	Checked pressure. Tubing was on a vacuum. Released packer. Ran 200' tubing. Didn't find any cement. Set packer back @ 1050'. Made 4 runs with the swab. Still getting fill up. Mixed 50 sacks cement. Pumped down tubing. Shut well in.
11-21-02	Checked pressure. Some vacuum. Unset packer. Ran 135' tubing. Tagged cement @ 1185'. Still no cement over top hole. Set packer. Ran swab. Still getting fill up. Pulled tubing. Took off packer. Ran tubing open ended to top of cement. Mixed 40 sacks cement. Started squeezing cement into holes until it held 900#. Shut well in.
11-22-02	Checked pressure. Still had 700#. Released pressure. Pulled rest of tubing. Picked up 3 drill collars. Put on a bit and scraper. Ran tubing. Tagged cement @ 1060'. Rigged up power swivel. Started drilling cement out. Drilled out 320' of cement. Laid down 16 jts tubing. Ran 16 jts out of derrick. Picked up power swivel. Got ready to drill.
11-23-02	Drilled out 190' of cement. Had 15' void @ 1441'.
11-25-02	Got drill out equipment going. Having problems with cold weather. Drilled down another 180' to cement retainer. Pulled tubing. Changed bit. Ran tubing back in.
11-26-02	Rigged up drill out equipment. Drill on cement retainer.
11-27-02	Finished drilling up retainer. Drilled another 50' of cement. Rigged down power swivel. Ran tubing to bottom. Circulated sand off plug with clean water. Pulled tubing to drill collars.

Chronological Well Records

Lilli Field

WELL: Lilli Unit 16-12 SESE 12-8N-59W

11-29-02	Laid drill collars down. Put on retrieving tool. Ran tubing into top of plug. Started swabbing well down. Swabbed 58 bbls. Fished bridge plug. Pulled tubing. Took off plug.
12-02-02	Started sand pumping. Cleaned out about 30 gallons of mud. Ran tubing with a packer. Pulled tubing. Took off plug.
12-03-02	Checked pressure-well still on a vacuum from the night before. Ran swab. Had about 150' fill up over night. Rigged down the swab. Landed tubing with seating nipple 2 6363' KB. Ran rods with no pump. Rigged down. Moved off location. Rods: 75- 7/8"; 177- 3/4" – Rod Subs: 1- 2'x 7/8"; 2- 6'x 7/8" Tubing: 194 jts 2 3/8" Other: 2x 4 1/2" model "R" packer
1-07-03	Moved to location. Rigged up. Went to yard. Loaded string of 2 1/2" tubing to frac with.
1-08-03	Pulled rods. Unset packer. Pulled tubing. Ran sand pump. Moved swab tank. Pushed in pit.
1-09-03	Rigged up Cable testers. Tested tubing in hole off float. Found 4 bad jts. Ran 10 more jts in hole. Set packer. Loaded casing with KCL water. Rigged up Maverick. The frac'd well. Rigged down frac crew. Well went on a vacuum. Unset packer. Pulled tubing. Laid back down on float.
1-13-03	No pressure on well. Ran sand pump. Was only able to get sand pump to 4200'. Pump was pull of mud. Have another hole in casing. Ran tubing with notched collar to 4100'. Hauled in mud pump. Circulating tank. Swab tank. Dug another pit. Hauled 300bbls water.
1-14-03	Washed mud out of 5400'. Tubing plugged off twice. Had to pull part of tubing back out to get plugs out. Drained equipment.
1-15-03	Was only able to wash down 200'. Tubing plugging off. Got too windy to work. Hauled 200 bbls water to tank. Shut down.
1-16-03	Wasn't able to work with stands out of derrick. Laid down 14 jts on rod trailer. Ran 14 jts out of derrick. Rigged up power swivel. Washed down 830' mud and shale to bottom. Well did start taking fluid. Pulled out 2 jts tubing. Landed tubing. Rigged down. Power swivel. Shut well in.

Chronological Well Records

Lilli Field

WELL: Lilli Unit 16-12 SESE 12-8N-59W

1-17-03	Well was on a slight vacuum. Ran tubing swab. Fluid level 5800'. Fluid was pretty muddy. Swabbed approx 38bbbls. Fluid was cleaning up up with about 8% BS in sample. Seeing some gas in fluid shut in.
1-20-03	Checked pressure 85# tubing. 30# casing. Ran swab. Fluid level 5600'. Pulled tubing made 3 runs with sand pump. Cleaned out a little shale and sand. Cleaned out circulating tank. Ran tubing for production. Set anchor. Landed tubing with seating nipple @ 6437' KB and end of perforated nipple @ 6440' KB. Ran pump and rods. Hung well on. Loaded hole with fluid from swab tank. Put wellhead back together.
1-21-03	Well still pumping. Rigged down. Moved off. *700' of fluid over seating nipple Rods: 75- 7/8"; 181- 3/4" – Rod Subs: 2- 2'x 7/8"; 2- 6'x 7/8" Tubing: 195 jts 2 3/8" – Tubing Subs: 1- 10, 1-8', 1-4'x 2 3/8" Pump: 2"x 1 1/2"x 16' two stage jetty fagg plunger Anchor: 2"x 4 1/2" 6 jts above seating nipple
5-01-03	Moved to location. Rigged up. Hung well off.
5-02-03	Unseated pump. Pump was stuck. Pulled rods. Changed pump. Ran rods. Hung well on. Used tank trailer to load hole with production fluid. Pressured to 150#. Rigged moved. Moved off location. *575' fluid over seating nipple. Rods: 75- 7/8"; 181- 3/4" – Rod Subs: 2- 2'x 7/8"; 2- 6'x 7/8" Pump: 2"x 1 1/4"x 16' two stage.
04-28-04	Rigged up Eatmon Well Serv. Unseated pump. Pulled rods. Pump was stuck open. Changed pump. Ran rods and pump. Hung well on. Used tank trailer and loaded tubing w/ production fluid. Used rod pump and pressured tubing to 200#. Held good. Rigged down. Moved off of location. Rods: 75- 7/8", 181- 3/4" Rod subs: 2- 2' x 7/8", 2- 6' x 7/8" Pump: 2" x 1 1/2" x 16' Two-stage
04-15-08	Moved to location. Rigged up. Unseated pump. Pulled rods and pump. Started pulling tubing. Had a hard time getting tubing anchor loose. Tubing drug first 800'. Pulled 22 stands.
04-16-08	Pulled rest of tubing. Had some mud on tubing at 4900' from surface. Made 3 runs with sandpump, but couldn't get below 5500' from surface. Had drilling mud in sandpump.
04-17-08	Ran Baker plug and "Full-Bore" packer. Had trouble getting plug down

Chronological Well Records

Lilli Field

WELL: Lilli Unit 16-12 SESE 12-8N-59W

	last 500'. Set plug at 6062' KB. Tested plug to 950#. Dumped 10 gallons of sand on top of plug. Started testing for casing leak. Couldn't get packer to seal. Pulled tubing. Rubbers had washed off of packer.
04-18-08	Moved circulating equipment to location. Rigged up Cable, Inc. and tested tubing in hole to 5,000#. Started circulating mud out of hole.
04-21-08	Circulated mud out of hole to approx. 6,000' (60' above plug). Pulled tubing. Ran tubing with Baker "Full-Bore" packer started testing for casing leak. Found leak between 5525'-5558' GL.
04-22-08	Pulled tubing with "Full-Bore" packer. Ran tubing with Baker cement retainer. Set retainer at 5460' GL. Waited for cementers. Rigged up Bison Oil Well Cementing and squeezed casing leak with 50sx. of cement. Unstung from retainer and reversed cement out of tubing. Started pulling tubing.
04-23-08	Pulled rest of tubing. Ran tubing with drill bit and casing scraper. Rigged up drill-out equipment and started drilling out retainer and cement.
04-24-08	Finished drilling up retainer and approx. 100' of cement (fell through cement at approx. 5550'). Pressure tested to 500#. Held good.
04-25-08	Circulated down to bridge plug. Used swivel on last 70' because of shale and heavy mud. Circulated hole clean. Shut down because of wind.
04-28-08	Pulled tubing. Filled casing with fluid and rigged up J.W. Wireline to run bondlog. Rigged J.W. Wireline down. Ran tubing with retrieving head for plug. Ran to just above plug and swabbed casing down through tubing. Shut well in.
04-29-08	Ran tubing swab, no indication of any entry into casing. Fished bridgeplug and pulled tubing with plug. Ran sandpump. Found shale and mud approx. 300' from bottom. Ran tubing with notched collar and circulated to bottom. Well started taking fluid once perms were clear.
04-30-08	Pulled tubing. Ran sandpump and cleaned on down to bottom (approx. 5 gal. Of mud shale and sand. Ran tubing with packer. Landed packer approx. 33' above perms. Started tubing swabbing. Found fluid at 5300' from surface. Swabbed 14.7 barrels in 5 hour test. Fluid level ended at 4800' from surface, with 15% oil cut and 10% mud in samples. Shut well in.
05-01-08	Tubing had 283#. Found fluid at 5000' from surface. Fluid on swab

Chronological Well Records

Lilli Field

WELL: Lilli Unit 16-12 SESE 12-8N-59W

	down was 90% oil. Swabbed 19.9 barrels in 8 hour test. Fluid level at 5200' and oil cut at 40% at days' end. Shut well in.
05-02-08	Tubing had 283#. Found fluid at 5300' from surface. Fluid on swab down was 80% oil. Swabbed 4.2 barrels in 2 hour test. Fluid level at 5500'. Shut down because of extremely high winds.
05-05-08	Tubing had 282#. Fluid was at 5300' from surface. Swabbed 2.9 barrels on swab down, with 85-90% oil cut. Released packer. Pulled tubing with packer. Ran sandpump. Cleaned out 3 gallons of mud. Ran tubing. Landed tubing with seating nipple at 6437' KB, and perforated nipple at 6440' KB.
05-06-08	Ran rods. Changed 50 rod boxes. Hung well on. Loaded tubing with production fluid. Used rod pump and pressured up on tubing to 200#. Held good. Rigged down. Moved off of location. Rods: 75- 7/8", 181- 3/4" Rod subs: 2-2'x 7/8", 2-6'x 7/8" Tubing: 195 joints 2 3/8" Pump: 2"x 1 1/2" x 16' Tubing anchor" 2 3/8" x 4 1/2" 6 joints above seating nipple Other: 2 3/8" x 3' perforated nipple