



614 PATTON ROAD P.O. DRAWER 1367
GREAT BEND, KANSAS 67530
PHONE (316)793-5610

WILSON "A" #1
C NE SE, Sec 11-25s-15w
Stafford County, Kansas

COMPLETION REPORT:

Commenced: 7/2/85

Completed: 7/15/85

RTD: 4527

Surface Casing: 8 5/8" set at 338' with 265 sacks of cement

Production Casing: 5 1/2" set at 4526' with 200 sacks of cement.

DRILLING INFORMATION:

- 7/2/85 Moved in rigged up Mohawk Drilling Rig #8. Preparing to drill and run surface pipe.
- 7/3/85 Ran in 8 jts of 8 5/8" surface pipe and set at 338'. Cemented with 265 sacks of 60/40 Pozmix; 3% CC. Plug down at 7:30 am.
- 7/5/85 Drilling ahead at 2670'
- 7/6/85 Drilling ahead at 3237'
- 7/8/85 Drilled to 3855' and ran DST #1 (3820-3855) LKC "B" - "D", 45'45'45'45", REC: 30' GOCWM, 60' Slit GOCWM, 60' MW, SIP: 1176/1157, FP: 37-65/74-93, HP: 1950/1941
- 7/9/85 Drilling ahead at 3897'
- 7/10/85 Drilling ahead at 4143'
- 7/11/85 Drilled to 4249' and ran DST #2 (4225-5249) UPPER MISS, 45'45'45'45", REC: 1560' GIP, 70' SO&GCM, SIP: 314/425, FP: 37-37/37-56, HP: 2770/2237, BHT:111°F
Drilling ahead at 4249'
- 7/12/85 Drilled to 4300' and ran DST #3 (4250-4300) LOWER MISS, 60'45'60'45", REC: GTS in 20' (peaked at 43.9 MCFGPD and decreased to 1.2 MCFGPD), 130' HGCM, 60' GC Thin Mud, 120' Mdy Gsy Wtr, 750' GW, SIP: 536/536, FP: 259-444/444-530, HP: 2289/2214, BHT:116°F
Drilling ahead at 4300'.
- 7/13/85 Drilling ahead at 4495'.
- 7/15/85 Drilled to 4527' and logged the well by Welex. Even though DST #2 was somewhat disappointing, after viewing the log, we felt this well warranted further testing through casing as the top section of the Mississippi formation had approximately 26% porosity and calculated to be a possible oil or gas producing zone. Consequently, it was decided to set 5 1/2" casing 1' off bottom to further test this well. The log calculations also indicated 3 possible producing zones in the Kansas City that we will be perforating and treating in an effort to recover oil. Will attempt to complete in 10 days. Released Mohawk Drilling Rig #8.

COMPLETION INFORMATION:

- 7/30/85 Moved in Mohawk Rig #4. Drove to location and waited on Cat. Broke a drive shaft. Had the cat pull the rig into position. Rigged up the swab and unloaded tubing.
- 7/31/85 Repaired the drive shaft. Swabbed the hole dry. Recovered 112 bbls of fluid. Rigged up Welex to perforate. Ran in swab and recovered 30' of Oil Cut Muddy Water. 1st 30 min test was dry. Halliburton acidized with 1500 gls of 15% Dbl Strength Fe acid in the Welex perforations from 4264-4267 (LOWER MISS) and from 4215-4222 (UPPER MISS). Swabbed the hole down and recovered 114.05 bbls. Tested:
1st 30" 2.93 bbls, 3% Oil
2nd 30" 3.21 bbls, 3% Oil.
120.19 bbls total.
- 8/1/85 Ran swab to check fluid level. fluid at 3200' with 400' of oil on top. Swabbed the hole down and recovered 33.85 bbls of fluid. Tested:
1st 30" 2.56 bbls, 10.4% Oil
2nd 30" 2.56 bbls, 9.5% Oil
3rd 30" 2.56 bbls, 14.7% Oil
4th 30" 2.56 bbls
5th 30" 2.56 bbls, 11.1% Oil
6th 30" 2.56 bbls, 13.0% Oil
7th 30" 2.05 bbls, 11.7% Oil
8th 30" 2.34 bbls, 10.3% Oil
9th 30" 2.05 bbls, 19.1% Oil
1st 60" 3.51 bbls, 13.1% Oil
2nd 60" 3.51 bbls, 10.3% Oil
3rd 60" 3.51 bbls, 8.0% Oil
Rigged down the swab and spotted the frac tank. Rigged up to frac the well with 100 sacks of 20/40 sand and 100 sacks of 12/20 & 16/30 sand.
- 8/5/85 Rigged up hose to swab tank and bled pressure off the casing. ran in swab tools and checked the fluid level. Fluid at 2400' with 1000' of oil on top. Swabbed back a total of 101.8 bbls fluid. Last pull 9.2%. Swabbed back 42.59 bbls fluid. Last pull 10.8% Oil. Tested:
1st 60" 50.19 bbls, 11.4% Oil
2nd 60" 32.10 bbls, 12.5% Oil
3rd 60" 40.83 bbls, 14% Oil
Swabbed back a total load of 267 bbls of fluid. The gas did blow between the pulls.
- 8/6/85 Opened the orbit valve and bled off the pressure. Ran the swab tools in and checked the fluid level. Fluid at 2900' with 50' of oil on top. Pulled 11.1% Oil. Swabbed back 39.35 bbls fluid. Last pull 9.5% Oil. Tested:
1st 60" 30.25 bbls, 6.7% Oil
2nd 60" 37.94 bbls, 7.1% Oil
1st 45" 26.83 bbls, 13% Oil
1st 60" 32.80 bbls, 12.5% Oil
2nd 60" 31.18 bbls, 11.6% Oil
1st 30" 17.21 bbls, 13.9% Oil
Swabbed back 260.77 bbls, Total of 528.28 bbls
- 8/7/85 Opened the orbit valve and bled off the pressure. Ran in swab tools to check the fluid level. Fluid at 2400' with 100' of oil on top. Swabbed 14 bbls of fluid. Last pull 10.2%. Cut the swab line 105', strand parted. After swabbing for a constant 60", had 34.45 bbls fluid. Last pull 7.3% Oil. Tested:

- 8/7/85 1st 60" 29.17 bbls, 12.5% Oil
1st 75" 30.40 bbls, 10.0% Oil
1st 60" 30.93 bbls, 9.7% Oil
2nd 60" 28.44 bbls, 8.9% Oil
3rd 60" 29.17 bbls, 10.0% Oil
Swabbed back 195.56 bbls, total of 723.84 bbls of fluid. Fluid level stayed at 3300' during the swabbing.
- 8/8/85 Ran in swab tools and checked fluid level. Fluid at 1200' with 50' of free oil. Swabbed for 60" and recovered 29.46 bbls of fluid. 1st 30" test 25% Oil and 1st 60" test 30% Oil. Rigged down the swab tools and rigged up to run tubing. Waited on Reed Pipe Testing. Helped the pipe tester rig up and rack the pipe. Rigged down the testers. Ran in 85 jts of tubing, mud anchor, seating nipple, and working barrel.
- 8/9/85 Finished running in the tubing. Ran in a total of 144 jts of 2 7/8" tubing and spaced 10' off bottom. Rigged up to run rods. Ran in valves. 100 3/4" rod, 77 7/8 rod and 22'x 1 1/2" polish rod. Rigged down and moved off location.
- 9/17/85 Moved in Mohawk Rig #5. Got stuck and waited on cat. Rigged up and pulled out rods to traveling valve. Waited for 2 hours for the traveling valve to get to location. Ran in valve and well pumped up. Rigged down and had cat move rig off location.
- 9/23/85 Moved in Mohawk Rig #3. Pulled 22' polish rod, 10' liner, 79x7/8" rods, 98x3/4" rods and 4' plunger. Ran a new plunger in but it would not pump. Pulled the rods and pump back out.
- 9/24/85 Rigged up to swab the tubing. Fluid was down 500' from top and had 300' of oil on top. Swabbed it down to 3700' and it stayed dry. Rigged up to pull the tubing. Pulled 144 jts of 2 7/8" tubing, 1-4'x2 7/8" sub, 10' barrel, 1' seating nipple and 15' mud anchor. Took the barrel in and had it checked out.
- 9/25/85 Rigged down and had cat move rig off of location.
- 9/28/85 Moved in Mohawk Rig #4. Ran in the sand line pump. Pumped approximately 25' of sand and formation.
- 9/30/85 Ran in Sand pump and checked for sand fill up. No sand. Rigged up swab. Fluid at 2700' with 15 bbls of oil on top. Tested:
1st 60" 23.06 bbls, 5% Oil
2nd 60" 24 bbls, fluid at 2800', 3.5%
3rd 60" 24.49 bbls, fluid at 2900', 5%
4th 60" 24.49 bbls, fluid at 3000', 5%
5th 60" 21 bbls, fluid at 3100', 4.5%
6th 60" 25 bbls, fluid at 3150', 4.0%
- 10/1/85 Ran in casing swab. Fluid at 3100'. Assembled the sand line pump and checked for fill up. No sand. Rigged up to run in tubing. Ran in tubing and respaced the well head. Ran in rods and waited on polish rod supplies.
- 10/2/85 Assembled polish rod and ran it in. Hung the well back on. Rigged down and moved off of location.

- 12/20/85 Moved in Mohawk Rig #4. Rigged up and pulled 178 rods to pump. Had pump checked out. Ran rods and pump back in. Long stroked the well and hung it back on. Cleaned up location and rigged down. Moved off of location.
- 12/31/85 Moved onto location and rigged up. Pulled out rods and 75 jts of tubing.
- 1/2/86 Finished uppling the tubing out. Rigged up 5½" casing swab. Tested for 1 hr and zone made 20 bbls of fluid per hour at 15% Oil. Let zone sit for 20". Zone filled up. 7½ bbls of fluid at 30% Oil. Ran in tubing and started running in the rods and pump. Set tubing at 4293', total depth 4496' and perforations from 4215-4222 and from 4264-4267'.
- 1/3/86 Finished running in rods and picked up around location. Rigged down and moved off of location.
- 6/5/87 Moved in Mohawk Rig #4 and changed the polish rod liner. Took out 1-8' sub & ran back in with 10' liner. Rigged down and moved off location.
- 9/2/87 Moved in Mohawk Rig #4 and pulled 3/4" rods, pin out of box. Pulled the rest of the rods & the pump. Pulled the tubing. Replaced 17 x 3/4" rods with new ones from LTV. Ran everything back in & rigged down. Moved off location.