

WELL NAME:

#1 WILDGEN

LOCATION

C SW NE 31-T16S-R25W,
Ness County, Kansas

ELEVATION: 2569 DF 2567 Gr.

TOTAL DEPTH: 4499'

SPUD DATE: 4/2/63

COMPLETION DATE: 6/25/63

PAY: (4390-4416' Ft. Scott) (4486-99' Mississippian

IP: (P. 86 80/24' hr.) (P. 89 80/24' hr. Gr. 39.8°)

DAILY REPORTS:

- 3/22/63 Staking location - SW NE Sec. 31-16S-25W, Ness Co, Kansas.
- 3/23/63 Making location.
- 3/24/63 Location.
- 3/25/63 Location.
- 3/26/63 Location.
- 3/27/63 Location. Waiting on bids.
- 3/28/63 Bids are in.
- 3/29/63 No report.
- 3/30/63 No report.
- 3/31/63 Moving in yesterday.
- 4-1-63 Contractor (Raymond Oil Company, Inc.) moving in.
- 4-2-63 Starting up today.
- 4-3-63 Drilled to 215', set 8 5/8" @ 215', cemented w/200 sx cement, circulated. Will start up today.
- 4-4-63 Drlg @ 1895' (1680') Dakota top 885', Anhydrite 1322'. Drilled out at 7:42 p.m. 4-3-63.
- 4-5-63 Drlg @ 2688' (790'), dev. 3/4" @ 1976'. Elevation: 2570' DF, 2572' KB, 2568' GL.
- 4-6-63 Drlg 2972' (287') 3/4" @ 2800'. Mud 10.2#, 31 V. Lost circ. @ 2833' & 2890'.
- 4-7-63 Drlg @ 3265', (293), Mud 10#, 30 V. Lost circ. for 2 hrs, 45 min. @ 3147' & 3167'.
- 4-8-63 Drlg @ 3688' (423') Dev. 3/4" @ 3540'. Mud 10.3#, 32 V.
- 4-9-63 Drlg @ 3856' (168') Mud 9.3#, 42 V. Lost circulation.
- 4-10-63 Drlg @ 4068' (212') lime. Dev. 3/4" @ 3856'. Mud 40 V. 9.5#.
- 4-11-63 Drlg. @ 4255' (187') Mud 9.6#, 44 V., 16 cc w.l.
- 4-12-63 Drilled to 4410'. Prep. to run DST #1 in Ft. Scott. TD 4489'.
- 4-13-63 DST #1: 4365' to 4344'.
SI 30", Open 1 1/2 hrs, SI 1 hr.
Rec 1130' clean oil, 990' MO.
ISI 1290#, FSI 1168#, IF 265#, FF 740#.
Fixing to look at top of Miss.
(Well running 11' high with the Pickrell well)
- 4-14-63 DST #2: 4483' to 4489'.
SI 30", Open 1 1/2 hrs, SI 1 hr.
ISI 1259#, FSI 1220#, IF 69#, FF 147#.
Rec 105', clean oil, 120' MO, 120' OCM.
Running 5 1/2".

- 4-15-63 Set 5 1/2" @ 4486' (3 ft off bottom) w/150 sx salt-saturated cement, 55 bbls tem-pac. 2200' to 1000' behind 5 1/2". Released rig at 6 p.m.
- 4-16-63 W.O.C. Will start 4/17/63. Cement top 3700', float collar 4448'.
- 4-17-63 MICT.
- 4-18-63 Swabbed mud, drilling cement 4452-86'. CO 3' to bottom @ 4489'. Bailed 12 gal. oil, 1 1/2 gal. mud, no wtr. Testing.
- 4-19-63 Swabbed 7 1/2 b.o. in 8 hrs, no wtr, last hr 3/4 b.o., washed 4 hrs w/250 gal acid, bailed 1 bailer per half hr, bailed 2 1/2 hrs and rec. 1 b.o. Ran tubing and set RTTS packer @ 4440', treated w/500 gal. acid, break down and treating press PSI at 1.6 bpm. Prep. to swab.
- 4-20-63 No report.
- 4-21-63 No report.
- 4-22-63 Drilled from 4489-94', bailed and CO, swabbed 15 BO and mud on head. Swabbed 12 hrs and rec. 34 BO. Last 4 hrs as follows: 2.5 bbls, 2.5 bbls, 2.5 bbls, 1.67 bbls + 0.6% mud.
- 4-23-63 Drilled from 4494-99'. Swabbed 13.7 BO in 5 hrs. Last 3 hrs, 2.51 BPH. Dumped 250 gal 15% acid. Bailed one bailer per 30". Started testing at 4:30 A.M. as follows:
3.34 BO
2.51 BO
2.51 BO + .2 of 1% mud
- 4-24-63 Swabbed 21 BO in 8 hrs with 0.1% mud. Treated w/2000 gal 15% and 118 BW. Down 5-1/2". Pressure to 1250 PSI, break to 850 PSI and treat at 750 PSI, SI at 400 PSI. Vacuum in 3 min, rate 14 1/2 BPM. Swabbed 95 BLW, then swabbed 98 BO + 15 BLW in 11 hrs. Last 3 hrs as follows:
7.5 BO with 8% wtr
7.5 BO with 3% wtr
6.0 BO with 11% wtr
- Lack 57 BLW.
- 4-25-63 TD 4499', swabbed from open hole 7.51 boph for 2 hrs with 9% load water. Ran Gamma-Ray Neutron Isotron, recommended perforating Ft. Scott 4390-4416'. (bottom 10' 4406-16 is either extremely tight or would produce water - afraid there is a sizable fracture at 4405'.
- 4-26-63 Perforated 4413-16', 3 shots per ft. Set Baker retrievable Model D with expendible plug at 4450'. Ran tubing with RTTS packer. Swabbed dry, 250 gal. 15%. Treated at 500 psi. Increased rate to 1 bpm at 1000 psi. SI at 300 psi. Vacuum in 3 minutes, swabbed 27.5 bbls fluid for 2 hrs, or 4.5 bbls overload. Swabbed 7.5 b.o. first hr, no wtr. Fluid level 2400' down, not drawing down.
- 4-27-63 Swab 36 b.o./6 hrs, then swab 12 b.o./2 hrs. Fluid level 2400' down. Pull tubing. Perf 4390-4413' w/3 h/ft. Treat w/2000 15% & 100 balls. Max. press. 1000 psi @ 16 1/4 b/m. SI @ 750 psi. 500 psi @ 2 min, 400 psi @ 8 min, 300 psi @ 13 min. Swab off load & start rec. oil @ 4:30 this am., first 2 hrs rec. 63.34 b.o. 0 to 10% G.O., 3rd hr, 15.21 b.o., Fluid 3300' down, swabbing casing.
- 4-28-63 TD 4499 w/sand pump, pick up 96 balls. Ran 4471.8' (overall inc. tail pipe) 2-1/16" tubing & latch into Baker model D packer. Ran 4402.9 (overall) 2-1/16" tubing into short string hold down. Job comp. @ 2:30 this am. Well now SI.
- 4-29-63 WO pumping unit.
- 4-30-63 Mississippian BHP 1192 psi @ 4471', oil level at 1200', water level at 3710' with .430 gradient.

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4-30-63 (continued)

- Ft. Scott BHP 1018 psi @ 4402', oil level @ 1555', water level @ 4020' with .450 gradient.
Will run rods tomorrow.
- 5-1-63 Setting pumping units.
5-2-63 Setting pumping units.
5-3-63 Laying flow lines and setting equipment.
5-4-63 Setting equipment.
5-5-63 Setting equipment.
5-6-63 Building power line.
5-7-63 Starting up this morning.
5-8-63 Mississippian pumped 44 B0 in 16 hrs, first 3 hrs 90% acid water, last hr 8% acid water, will test until tomorrow and then shut in Mississippian and pump Ft. Scott.
5-9-63 Mississippian pumped 86 B0 per 23 hrs + 8% acid water + 2% mud. Will shut in Mississippian and start pumping Ft. Scott for about 48 hrs. Then Ft Scott will have to be shut in until dual permit is granted. In hands of Legal Dept. Mississippian level for May 1147 bbls.
5-10-63 Ft. Scott pumped 54 b.o. for 18 hrs with acid wtr as high as 26%. Now 4% acid water.
5-11-63 Ft. Scott pumped 86 b.o. in 24 hrs + 1½% acid wtr, shut in Ft. Scott for dual permit.
5-12-63 No report.
5-13-63 Will report production on this well once a week.