

WELL NAME:

(Lewis) WILDGEN #2

LOCATION:

810' FE & 1650' FN,
Sec. 31-16S-25W
Ness County, Kansas

ELEVATION: 2590 DF, 2587 GR.

TOTAL DEPTH:

SPUD DATE:

COMPLETION DATE:

PAY:

IP:

DAILY DRILLING REPORTS:

- 6-5-63 Asking for bids.
6-6-63 Location made. Let contract to Gabbert & Jones, will start immediately.
6-7-63 Will spud at 9 this A.M.
6-8-63 Spud @ 2:30 P.M., drilled to 205', set 8-5/8" @ 205' w/150 sx pozmix with HA-5 additive. Cement circulated, plugged down at 10:15 P.M.
6-9-63 Drlg @ 1450', lime and shale. Made 1245' in 24 hrs. 1/2° dev. at 500', 1/2° at 1000'. Mud is water.
6-10-63 Drlg @ 2420' in lime. 3/4° dev. at 1500', 1/2° at 2000'.
6-11-63 Drlg @ 2900' in lime. 1/2° dev. at 2550'.
6-12-63 Drlg @ 3300' in lime. Made 400' in 24 hrs. 3/4° dev. at 3170', V. 33, wt. 10#, mud cost \$117.00.
6-13-63 Drlg @ 3740' in lime (440') 1° dev. at 3434'.
6-14-63 Making trip at 4045', lime. Made 305' in 24 hrs; 1° dev. at 4045'. V. 36, wt. 9.9#. Cost \$280.00.
6-15-63 Drlg @ 4260', lime. Made 215' in 24 hrs. V. 41, wt. 10#, Cost \$788.00.
6-16-63 Making trip at 4445' for DST #1. Dev. at 4375' 1/4°.
6-17-63 DST #1: 4395-4445', Ft. Scott, open 1 hr, rec. 3' free oil + very slt/OCM. ISIP 455/30", PSIP 424/60". IFP 39 psi, FFP 54 psi, Mud V. 44, WL 8.8 cc, wt. 9.9#, Cost \$1,08'.
Prep. to run DST #2.
6-18-63 TD 4525', prep. to run casing.
DST #2: 4518-25', weak blow and died in 10", Open 1 hr, rec. 4' 38° oil plus 60' slt/OCM. ISIP 1197 psi in 30", PSIP 1197 psi in 1 hr. IF 31 psi, PF 54 psi. Miss. 14' low to Lewis-Wildgen #1, 15' high to Lewis #2.
6-19-63 TD 4525', ran 141 joints of 5-1/2", 14# J-55 casing and set at 4521'. (4' off bottom) Pump 50 bbls Ken Pack plus 75 bbls mud plus 150 sx salt-saturated cement plus CFR #2. Plug down at 5 P.M. 6-18-63. WOC.
6-20-63 WOC. Top of cement 3700 by temp. survey.
6-21-63 Moving unit in.
6-22-63 Rig up cable tools and swab down casing, drilled 25' firm cement and shoe. Clean up 4' open hole. Test 1 1/2 hrs at 2 gal. free oil + 6 gals heavily oil cut mud per hr. Prep. to dump 55 gals mud acid.
6-23-63 Dump 500 gals mud acid (mis up on order) and bail. Drill from 4525 to 4530' and test as follows: 33 gals oil first hr, 30 gals oil second hr, 28 gals oil third hr, 28 gals oil fourth hr, with trace of formation water. Prep. to break with 250 gals MCA.

- 6-24-63 TD 4530', bail 4 hrs at 28 gals oil per hr w/trace of formation water. Treat with 250 gals MCA with no over flush. Soak 20" @ 250 psi, 8" @ 500 psi, broke at 1000 psi and take at 700 psi. Increased to 850 psi and broke back to 700 psi. When shut in zero pressure in 15 min. Rate 5 gals per min. Swab load, then swab 56 b.o. + 2.5 bbls mud + 3 bbls water in 14 hrs. Last 4 hrs as follows:
 2.93 BF, 1.2% mud, 4.2% water;
 2.93 BF, 2.2% mud, 5% water;
 2.51 BF, 2% mud, 4% water;
 3.34 BF, 4% mud, 4% water.
- 6-25-63 Swabbed 54 b.o. plus 2.5 b.w. plus 1 bbl mud, 23 hrs. Prep. to treat w/1500 gals 7% retarded acid.
- 6-26-63 Treat open hole 4521-30' with 1500 gals 7% retarded acid and overflush with 3 bbls. Max. press. 950 psi, treat at 700 psi, vac. in 8 min. when shut in - rate 3 bpm. Swab down casing at 1 P.M., lacked 18 b.w. having load. Next 8 hrs swab 30.4 b.o. plus 17.2 b.w. and water had a bite like acid water. Ran 2" tubing with mud anchor at 4523' and set nipple at 4488' and released rig.
- 6-27-63 Completed - will drop from report and pick up when production reports start.
- 7-1-63 Have already run rods, running cement base today for pumping unit. Run bottom hole pressure to 4480 - 1096#. Top of oil 1800', top of water 2200'.
- 7-3-63 Will set pumping unit today, probably start well up Friday.
- 7-10-63 Last 24 hrs, pumped 75 B0 (Miss.)