

*J. G. Allison, Oil Producer*

300 WEST DOUGLAS, SUITE 305

WICHITA, KANSAS 67202

Ph. 316-263-2241-2

Computer inventoried

DAILY DRILLING REPORT

WELL	SMITH	S-T-R	Sec. 17-22S-35W
CONTRACTOR	Rains & Williamson Oil Co., Inc.	SPOT	C SW SE
" PHONE	265-9686	COUNTY	KEARNY
" RIG PHONE	913-625-7894 (reg. out of Hays)	ELEVATION	3110 Gr.
" TOOLPUSHER	Art Hunt (C/O Contl. Inn, Gdn City)		3119 KB
FIELD	(316-275-7693)	GEOLOGIST	Robert J. Gill
			Ph. 685-3323

ELECTRIC LOG TOPS	DEPTH	DATUM
Heebner	3844	( -725)
Toronto	3858	( -739)
Lansing	3897	( -778)
Base Kansas City	4365	(-1246)
Marmaton	4390	(-1271)
Beymer	4476	(-1357)
Johnson	4506	(-1387)
Cherokee	4524	(-1405)
Morrow	4759	(-1640)
Mississippi	4883	(-1764)
RDT	5017	(-1898)

MIRT	March 31, 1978
SPUD	April 1, 1978
SURFACE	281' set @ 291'

3/31/78 - RUR

4/1/78 - Spudded @ 10:15 A.M.

4/2/78 - Cut 305' of 12 $\frac{1}{4}$ " hole, ran 7 jts of new 23# 8-5/8" Casing - 281' set at 291' with 225 sacks common cement, 2% Jel, 3% Cal. Chl. Plugged down @ 4:00 P.M. - cement circulated - drilled plug @ 4:00 A.M.

4/3/78 - Drilling @ 2094'.

4/4/78 - Drilling @ 2580'.

4/5/78 - Drilling @ 3150'.

4/6/78 - Drilling @ 3605'.

4/7/78 - Drilling @ 3995'.

4/8/78 - Drilling @ 4318'.

4/9/78 - DST #1 - 4370-4483 - op 30, si 30; op 60, si 30, rec. 930' watery mud, ISIP 1168, FSIP 1168; FP's 271-217?

4/10/78 - DST #2 - 4481-4506 - mis-run, packer seat failure.

4/11/78 - DST #3 - 4494-4550 - op 30, si 30; op 60, si 30, rec. 677' fluid, 183' gas cut mud, 494' very heavy oil gas cut mud, FP's 190-190, ISIP 1141, FSIP 1032 (Tester ran into bottom, strong blow before tester set packer and opened tool.)

4/12/78 - Drilling @ 4700'.

4/13/78 - Drilling @ 4910'.

4/14/78 - Drill to 5025' TD, then run Electra Log & DST #4.

4/15/78 - Ran Dresser Atlas Laterlog & Caliper - straddle after log.

DST #4 - 4796-4867, op 30, si 30; op 60, si 30, rec. 210' mud, ISIP 1017, FSIP 851, IF 42, FF 94, IF 114, FF 114. Ran 108 joints new 5 $\frac{1}{2}$ " 14# Casing set @ '610', thru Johnson zone, 3 centralizers, Allied cemented with 200 sacks 60/40 poz mix, 10% salt, 10 bbl. salt flush, Plugged down @ 11:00 P.M. Shoe 31.08 ft.

(SEE COMPLETION REPORT BY MID-WEST PETROLEUM (L.H. "Dutch" Walters)  
ATTACHED)

# MID-WEST PETROLEUM MANAGEMENT

L. H. 'DUTCH' WALTERS  
Petroleum Bldg., Suite 210  
Wichita, Kansas 67202  
316 - 265-0513

Re: SMITH #1  
C SW SE 17-22S-35W  
Kearny County, Kansas  
COMPLETION REPORT

- 4/14/78 Drilled to RTD, 5017'. Conditioned hole. Pulled drill pipe. Dresser Atlas ran Gamma-Neutron, laterlog with caliper. DST 4796' to 4867'.
- 4/15/78 Pulled DST. Ran drill pipe to RTD. Conditioned hole. Laid down pipe. Ran 108 joints new 5½", 14# casing. Set at 4610'. Petal basket at 4579'. Centralizers 4501', 4467', 4423'. Allied cemented with 200 sax 60/40 pozmix. 10% salt. 100 barrel flush. Plug down 11:00 AM. Shoe joint 31.08'.
- 5/10/78 Moved in Hembree Well Service DDU. Rigged up.
- 5/11/78 Swabbed fluid from casing to 2100'. Dresser Atlas ran Gamma Ray correlation log. Log TD 4555'. Perforated Johnson formation 4514' to 4516'. 4DP/F. Swabbed fluid from casing to total depth. Swab tested 2 hours dry.
- 5/12/78 Ran swab to bottom. Tested dry. Dowell acidized down casing with 250 gallons mud acid. Maximum pressure 1000#, broke back to 500# in 3 minutes. Gradually increased injection rate to 3 BPM. Pressure gradually increased to 900#, declined to 700#. ISIP 600#. 15 minutes drop to 250#. 30 minutes drop to 0. Total load 117 barrels. Swabbed back load. Recovered 113 barrels. Swabbed to bottom. 1st 30 minutes 50 gallons oil. 2nd 30 minutes 50 gallons oil. 3rd 30 minutes 50 gallons oil. 4th 30 minutes 25 gallons oil and water.
- 5/13/78 Overnite fillup 600'. Swabbed down, recovered 14 barrels oil. Trace water on last pull. Dowell acidized down casing with 2000 gallons 15% NE acid. Maximum pressure 500#. Displaced at 4 barrels per minute. ISIP 375#. 20 minutes drop to 225#. 25 minutes bled off to pit. Total load 163 barrels. Swabbed back load. Recovered 130 barrels on swab down. Swab test 1st hour 7.02 barrels oil trace water. 2nd hour 4.68 barrels oil.
- 5/15/78 39 hours fillup. 2000' oil. Swabbed down, recovered 58 barrels oil trace of water.
- |            |         |         |
|------------|---------|---------|
| Swab test: | 1st hr. | 7.02 BO |
|            | 2nd "   | 4.68 "  |
|            | 3rd "   | 4.68 "  |
|            | 4th "   | 3.51 "  |
|            | 5th "   | 3.51 "  |
|            | 6th "   | 2.34 "  |
|            | 7th "   | 3.51 "  |
|            | 8th "   | 2.34 "  |
- 5/16/78 600' fillup overnite. Swabbed down. Dowell acidized down casing with 5000 gallons 7½% HCL NE acid. Maximum pressure 750# at 5 BPM. ISIP 675#. 15 minutes 525#. 2 hours 0#. Total load 232 barrels. Swabbed down to bottom. Recovered 165 barrels oil and water. Short 67 barrel load.
- 5/17/78 2000' fillup overnite. Swabbed down recovered 75 barrels.
- |            |         |          |
|------------|---------|----------|
| Swab test; | 1st hr. | 15.11 BF |
|            | 2nd "   | 11.70 "  |
|            | 3rd "   | 10.53 "  |
|            | 4th "   | 8.19 "   |
|            | 5th "   | 8.19 "   |
|            | 6th "   | 9.36 "   |
- 5/18/78 Overnite fillup 1100'. Fluid 175'. Clean oil. Swabbed down, recovered 55 barrels fluid.
- |            |         |                     |
|------------|---------|---------------------|
| Swab test: | 1st hr. | 14.04 BF            |
|            | 2nd "   | 10.53 "             |
|            | 3rd "   | 9.36 "              |
|            | 4th "   | 9.36 "              |
|            | 5th "   | 7.02 "              |
|            | 6th "   | 7.02 " est. 40% oil |
- 5/19/78 Overnite fillup 1100' fluid. 200' oil. Ran 16.78 perforated mud anchor. 1' seating nipple. 150 joints 2½" Eue new tubing. Seating nipple at 4536'. Ran 6' gas anchor 2½"x2"x14'. BHD insert pump. 2' pony rod. 2700' ¾" N 78 rods. 1800' ¾" N 78 rods with plastic scrapers. 16' polish rod with liner. Reased rig.