WELL SUMMARY
for

WELL: Myers/Wilbanks # 1-9
LOCATION: NE SW, Section 9-T33S-R31W
Seward County, Kansas
ELEVATION: 2769' Gr., 2779' DF, 2783 KB.
AREA: Hugoton Embayment, Northwest Anadarko Basin
DRILLING AND COMPLETION CONSULTANT: Harold Frauli
DRILLING CONTRACTOR: Allen Drilling Co., Rig 5
PUSHER: Dickie Collins
MUD LOGGING: Gas detector unit leased from MBC Logging
GEOLOGIST: Gary C. Wilkins
COMPLETED: 03/10/97
SPUDDED: 1500 hrs., 02/25/97
REACHED TOTAL DEPTH: 0730 03/09/1997
176.25 Rotating Hours.
TOTAL DEPTH: 6055' Driller, 6059' Log.

HOLE SIZE(S) AND CASING SIZE(S):

Hole Size	Casing Size
12 1/4" to 1590'	8 5/8" @ 1586'
7 7/8" to 6055'	

DEVIATION SURVEYS: At 1025', 3/4 deg.
At 1589', 3/4 deg.
At 2270', 3/4 deg.
At 2814', 1.0 deg.
At 3345', 1.0 deg.
At 4710', 1.25 deg.
At 5891', 1.25 deg.

BIT RECORD:

Bit #	Size	Company	Type	Out	In	Footage Drilled
1	12 1/4"	STC	F11	1260'	0'	1260'/11.75 hrs.
2	12 1/4"	STC	ATF11	1590'	1260'	330'/3.75 hrs.
3	7 7/8"	HTC	GT28	4710'	1590'	3120'/82.00 hrs.
4	7 7/8"	HTC	GT28rr	4898'	4710'	188'/10.00 hrs.
5	7 7/8"	HTC	GT88rr	6055'	4898'	1157'/68.75 hrs.

DAILY DRILLING REPORT:

02/24/97 MI & RURT
02/25/97 RURT AND PREP TO SPUD
02/26/97 TFB @ 1260'.
02/27/97 Drlg. @ 1660'. Drld 12.25" hole to 1590'. Ran 33 jts. 8 5/8" 24# csg, tally 1572', set at 1586'. Allied cemented with 550 sx 65/35 w/ 6% gel, 3% CaCl, 1/4# flocele/sk & tailed in with 150 sx common w/ 3% CaCl & 1/4# flocele/sk. PD 1630 hrs.
02/28/97 Drlg. @ 2860'.

03/01/97 Drlg. @ 3420'.
03/02/97 Drlg. @ 3960'. Mud 9.1#, 34 sec., 4500 ppm Cl-. DMC $890.00, TMC $3816.00.
03/03/97 PTD 4566., OART Circ. for samples. Mud 9.1#, 48 sec., 13.6 cc., 2400 ppm Cl-. DMC $1573.00, TMC $5450.00
03/04/97 PTD 4710'. OART, rigging down after DST #1. Mud 9.1#, 40 sec., 11.2 cc., 1500 ppm Cl-, DMC $1205.00, TMC $ 6655.00.
03/05/97 PTD 4898'. OART PU tool for DST #2. Mud 9.0#, 42 sec., 11.2 cc., 1800 ppm Cl-, DMC $738.00, TMC $7393.00.
03/06/97 Drlg. @ 5035'. Mud 8.9#, 67 sec., 8.8 cc., 1200 ppm Cl-, DMC $1160.00, TMC $8553.00.
03/07/97 Drlg. @ 5402'. Mud 9.0#, 50 sec., 9.2 cc., 1100 ppm Cl-, DMC $782.00, TMC $9335.00.
03/08/97 Drlg. @ 5760'. Mud 9.0#, 50 sec., 8.4 cc., 1100 ppm Cl-. DMC $1688.00, TMC $11023.00.
03/09/97 RTD 6055'. Prep to POH for logs. Mud 9.2#, 48 sec., 8.8 cc., 1100 ppm Cl-. DMC $ 1115.00, TMC $12138.00
03/10/97 RTD 6055'. Plugged and abandoned. Mud 9.0#, 55 sec., 8.8 cc., 1100 ppm Cl-. DMC $407.00, TMC 12545.00.

SAMPLES:

10' from 4000' to T.D. Samples generally good to excellent.

OPEN HOLE LOGS:

British Plasterboard
Engineer: Matt Fenn
Dual Induction-Self Potential-Gamma Ray
Compensated Neutron, Compensated Density, G.R., Caliper
Microlog

DRILL STEM TESTS, Western Testing Company

Drill Stem Test #1, Lansing "Judy" zone, interval 4659-4672', (Straddle) (13 ft. net). Open 30 minutes with strong blow to BOB immediately. Shut in 60 minutes, Open 30 minutes, weak to BOB in 6 min. GTS in 16 min. on initial flow. Maximum gauge 14,100 SCF during first flow and declining. Shut in 120 minutes. Recovered 80' slightly gas and water cut mud and 685' gassy salt water, Rw .07 @ 55 degrees.

Initial hydrostatic pressure	2250#
Initial flow pressures	135 & 268#
Initial shut in pressure	1465#
Final flowing pressures	355 & 422#
Final shut in pressure	1474#
Final hydrostatic pressure	2237#
Temperature	121 deg. F.

This test was run in order to evaluate the Pennsylvanian-Lansing-"Judy" zone porosity which is known to produce in the area. The zone drilled at the rate of 1/2 minutes per foot for 19 ft., and with 3' at the rate of 1 minute per foot. The zone yielded a 80 unit gas show on the hot wire and had no odor in the sample bag. Sample quality was good and the rock is described as an oolitic and oolicastic limestone, medium and some coarse size grains, very fine & micro crystalline matrix, some visible porosity in the matrix material, characterized as fair but scattered, no visible oil stain, only spotty fluorescence and a slow cut in the spot plate which, by color, indicated the possibility of gas.

Drill Stem Test #2, Kansas City "A" Zone, interval 4890'-4898'. Open 30 minutes with weak blow building to strong and BOB in 11 minutes. Shut in 60 minutes and open 60 minutes with surface blow building to BOB in 21 minutes. Shut in 120 minutes. Recovered 30' MSW w/ scum oil and 895' gassy salt water, Rw .068 at 64 deg.

Initial hydrostatic pressure	2330#
Initial flow pressures	74 & 322#
Initial shut in pressure	1536#
Second flow pressures	376 & 508#
Final shut in pressure	1536#
Final hydrostatic pressure	2316#
Temperature	122 deg. F.

This test was run in order to evaluate the productive capability of the Kansas City "A" Zone, encountered at the depth of 4891' (-2108). The zone is 8 feet thick and consisted of limestone, grainstone, medium and coarse grained, crystalline matrix with little visible porosity, oily lustre, strong spotty fluorescence, quick but not streaming gold colored cut. An 80 unit gas increase was recorded on the hot wire and the chromatograph indicated the presence of hydrocarbons through C3.

PRINCIPAL OBJECTIVE:

The primary objective Mississippian-Meramec-St.Louis oolitic limestone is indicated to be present in reservoir quality and thickness., but non-productive by reason of lack of structural advantage to the offsetting Columbian Fuel test.

STRUCTURAL COMPARISON:

Comparison of selected tops in the Harris # 1-9 Myers/Wilbanks to the Columbian Fuel Corporation #1 Myra Atwell, NW NW SE Section 9-T33S-R31W, Seward County, Kansas.

	Harris #1-9 Myers/Wilbanks Elevation 2783 KB Spl/Log/Sub-sea, log	COMPARISON (By "E" Log tops)
Heebner	4255'/4250'/-1467	+16
Toronto	4286'/4289'/-1506	+7
Lansing	4408'/4411'/-1628	+7
Kansas City	4880'/4883'/-2100	+16
Kscty "A" Por.	4891'/4891'/-2108	+17
Kscty "B"	4934'/4935'/-2152	+13
Marmaton	5049'/5043'/-2260	+20
Marmaton "C"	5109'/5109'/-2326	+9
Cherokee	5216'/5218'/-2435	+7
Morrow	5558'/5560'/-2777	-10
B/Penn	5630'/5646'/-2863	-25
Chester	5630'/5646'/-2863	-25
Ste. Gen.	5814'/5834'/-3051	-6
St. Louis Por.	5953'/5956'/-3173	-4

As both sample examination and log analysis indicate that there are no reservoirs in the well bore capable of commercial production it is recommended that this test be plugged and abandoned.

Respectfully submitted,

Hawkeye Wellsite Geology Services
Gary C. Wilkins, Geologist

GCW/spc