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ORIGINAL

5-13S-33W

November 7, 1995

WANKER OIL COMPANY
JACK D. LEE # 3
NW-NW-SW of Section 5-13S-33W
Logan County, Kansas

15-109-20598

COMMENCED: 10-28-95.

PIPE RECORD: 8 5/8" @ 216' with
150 sacks of 60/40 poz, 2% gel, 3% CC.
4 1/2" @ 4642' with 725 sacks of cement.

COMPLETED DRILLING: 11-6-95.

DRILLED BY: Abercrombie, Rig # 8.

LOGS: RA Guard, with Caliper & SP.

ELEVATION

3050:KB
3045:GL

Log Tops From KB.

ANHYDRITE	2489 Top	K C C	+561
	2510 Base		+540
HEEBNER SHALE	3918		-868
TORONTO	3940	AUG 16 1996	-890
LANSING-KANSAS CITY	3965		-915
STARK SHALE	4208		-1158
BASE KANSAS CITY	4288		-1238
MARMATON	4315		-1265
PAWNEE	4402		-1352
FORT SCOTT	4459		-1409
CHEROKEE SHALE	4485		-1435
JOHNSON ZONE	4530		-1480
MISSISSIPPI	4620		-1570
LTD	4653		-1603
RTD	4654		-1604

Gentlemen;

Find enclosed a description of oil shows, significant zones and drill stem test information on the above described well. Wet and dry samples were examined from 3600' to TD. It was recommended to set production casing to further test the Johnson Zone.

Respectfully,

Mark Torr

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Oil shows, significant zones and drill stem tests:

3840-3850 Show of free oil, faint odor, light stain in a tan, vuggy medium crystalline to fossiliferous limestone.

3858-3866 Fair show of free oil, very faint odor, light stain in a gray/tan medium crystalline to fossiliferous limestone.

3870-3874 Good show of free oil, good odor and saturated stain in a tan vuggy limestone.

3875-3880 Show of free oil, good odor, saturated stain in a offwhite to tan fine crystalline to fossiliferous limestone.

3894-3900 Offwhite fine crystalline to oolitic limestone. Trace of oil, faint odor, light stain.

3940-3948 White to offwhite limestone. Medium crystalline to fossiliferous, with a show of free oil, good odor and a light stain.

3966-3970 Fair show of free oil, strong odor and a light saturated stain in a fine crystalline to oolitic limestone. This zone was covered in DST # 1.

DST # 1

Interval Tested: 3958-3977.

Times: 45-45-45-45.

Recovery: 691' of water.

Shut-in Pressures: 1141-1141.

Flow Pressures: 54-215 & 237-323.

4002-4010 Good show of free oil, good odor and stain in a white oolitic limestone. This zone was covered in DST # 2.

DST # 2

Interval Tested: 3987-4012.

Times: 45-45-45-45.

Recovery: 585' of muddy water.

Shut-in Pressures: 1181-1171.

Flow Pressures: 60-90 & 199-259.

4020-4032 White oolitic limestone. Fair show of free oil, fair odor and a light stain. This zone was covered in DST # 3.

DST # 3

Interval Tested: 4009-4034.

Times: 60-45-45-45.

Recovery: 320' of water, with 1' of oil on top.

Shut-in Pressures: 1229-1216.

Flow Pressures: 163-185 & 196-218.

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4044-4046 Good show of free oil, odor and a dark saturated stain in a tan fine to medium crystalline limestone. Pinpoint to vug porosity. This zone was covered in DST # 4.

DST # 4

Interval Tested: 4033-4052.

Times: 30-30-30-30.

Recovery: 10' of clean oil.

Shut-in Pressures: 1172-1109.

Flow Pressures: 64-43 & 75-64.

4121-4125 Chalky white to gray limestone. No free oil, minor stain, faint odor.

4168-4180 Chalky white limestone. Fine crystalline to fossiliferous. Trace of oil, very faint odor, light stain.

4225-4228 Chalky offwhite to gray limestone. Trace of oil, rare spotted stain, faint odor. This zone was covered in DST # 5.

DST # 5

Interval Tested: 4206-4235.

Times: 15-30-15-30.

Recovery: 5' of oil spotted mud.

Shut-in Pressures: 909-832.

Flow Pressures: 131-87 & 98-65.

4460-4464 Trace of oil in a tight fossiliferous limestone. No odor, light saturated stain.

4530-4540 Tan to brown fine crystalline limestone. Tight, with pinpoint to vug porosity. Fair show of free oil, fair odor and a saturated stain. This zone was covered in DST # 6.

DST # 6

Interval Tested: 4507-4549.

Times: 60-60-60-60.

Recovery: Gas to surface in 60 minutes, 330' gassy, muddy oil.

Shut-in Pressures: 940-919.

Flow Pressures: 75-86 & 172-193.

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One foot drill time from 3601' to 4654'.

3601-3700 11222-22222-23233-32322-33333-33222-22222-23122-11211-11111-
11111-11222-33322-22221-21111-11111-21122-22223-22222-22111-

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