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KCC

GEOLOGICAL REPORT

MAR 10 1992

WOODMAN-IANNITTI OIL COMPANY

NO. 1 LANG  
SW-SW-SE  
SECTION 30-13S-20W  
ELLIS COUNTY, KANSAS

API 15-051-24757

RECEIVED  
STATE CORPORATION COMMISSION  
MAR - 3 1992  
CONSERVATION DIVISION  
Wichita, Kansas

30-13-20W

OPERATOR: Woodman-Iannitti Oil Company

WELL: No. 1 Lang  
API #15-051-24,757

LOCATION: SW-SW-SE  
330' from the south line.  
2310' from the east line.  
Section 30-13S-20W  
Ellis County, Kansas

FIELD: Kaiser

DRILLING CONTRACTOR: Woodman-Iannitti Drilling, Rig No. 1

DRILLING COMMENCED: 02-14-92

DRILLING COMPLETED: 02-19-92

DRILLING TIME: One (1) foot drilling time was recorded  
from 3400' to 3928' RTD.

SAMPLES: Samples were saved and examined from  
3400' to 3928' RTD.

ELEVATIONS: 2276' G.L. 2278' D.F. 2281' K.B.

MEASUREMENTS: All depths are measured from 2281' K.B.

CASING RECORD: 8 5/8" set @ 227' with 140 sacks.

FORMATION TESTING: Two (2) tests were run by Western Testing Co.

MUD: Midland Mud (Starch)

OPEN HOLE LOGS: No logs were run.

PRODUCTION: Dry and abandoned.

FORMATION TOPS:

<u>FORMATION</u>	<u>SAMPLE</u>	<u>DATUM</u>
ANHYDRITE	1607'	+ 674
HEEBNER	3527'	-1246
TORONTO	3547'	-1266
LANSING	3564'	-1283
BASE KANSAS CITY	3814'	-1533
MARMATON	3874'	-1593
CONGLOMERATE CHERT	3914'	-1633
ROTARY TOTAL DEPTH	3928'	-1647

SAMPLE DESCRIPTIONS AND TEST DATA:

LANSING-KANSAS CITY:

3565-3570 Limestone, tan and gray, finely crystalline, slightly fossiliferous, chalky, with fair intercrystalline and interfossiliferous porosity, light spotted staining and saturation, very slight show of free oil, questionable odor. (Covered by D.S.T. No. 1)

3597-3603 Limestone, tan and cream, finely crystalline, fossiliferous, oolitic and slightly oolitic, with fair to good pinhole porosity, fair staining and saturation, fair to good show of free oil, good odor. (Covered by D.S.T. No. 1)

FORMATION TEST NO. 1

3557-3605

Fair blow	45 min.	I.H.P.	1852#
	45 min.	I.F.P.	81#- 91#
Weak blow	45 min.	I.S.I.P.	559#
	45 min.	F.F.P.	122#-122#
	45 min.	F.S.I.P.	529#
		F.H.P.	1852#

RECOVERY: 180' muddy water with a few oil spots

CHLORIDES: 70,000 P.P.M.

TEMPERATURE: 116°

LANSING-KANSAS CITY: (Cont.)

- 3638-3643 Limestone, cream, white and gray, finely crystalline, fossiliferous, slightly oolitic, with fair intercrystalline and interoolitic porosity, chalky, with fair spotted staining, very slight show of free oil, questionable light odor.
- 3649-3656 Limestone, white, cream and gray, finely crystalline, oolitic, with fair interoolitic porosity, chalky, rare spotted staining.
- 3724-3728 Limestone, tan and cream, finely crystalline, fossiliferous, slightly oolitic and oolitic, with fair to good oolitic and pinhole porosity, fair staining and saturation, fair show of free oil, light odor. (Covered by D.S.T. No. 2)
- 3751-3756 Limestone, white and gray, very finely crystalline, fossiliferous and oolitic, with fair interoolitic porosity, slightly chalky, with fair spotted staining and saturation, slight show of free oil, light odor. (Covered by D.S.T. No. 2)

FORMATION TEST NO. 2

3717-3763

Weak blow	30 min.	I.H.P.	1942#
	30 min.	I.F.P.	61#-61#
Weak blow, dead in 10 min.	30 min.	I.S.I.P.	61#
	30 min.	F.F.P.	61#-61#
	30 min.	F.S.I.P.	61#
		F.H.P.	1942#

RECOVERY: 5' mud.

TEMPERATURE: 115°

- 3772-3775 Limestone, white and gray, fossiliferous, chalky, with poor visible porosity, trace of light spotted staining, no show of free oil, no odor.

MARMATON:

- 3874-3908 Brown, tan and cream limestone, dense to very finely crystalline, chert, mostly fresh, opaque, slightly weathered, with some small pinhole porosity, with very slight show of free oil, spotted staining and saturation, no odor.

CONGLOMERATE:


3914-3928

Vari-colored chert, limestone and shale, orange, tan and bone weathered chert, maroon and some pale green shale (washing very red).

SUMMARY:

Due to the negative results of two (2) drill stem tests and the somewhat lower structural position in comparison to nearby production, it was recommended that the No. 1 Lang be plugged and abandoned.

Respectfully submitted,



Todd E. Morgenstern  
Geologist

DRILLING TIMES:

3401-3410 3-3-4-3-3-3-3-3-4  
3411-3420 3-4-2-3-3-3-2-4-3-3  
3421-3430 3-4-3-3-4-4-3-3-3-2  
3431-3440 2-3-3-3-4-3-4-3-4-3  
3441-3450 3-4-4-4-4-4-5-3-4-4  
3451-3460 3-2-2-3-3-3-4-4-4-3  
3461-3470 3-4-3-4-4-3-2-2-3-3  
3471-3480 3-4-3-4-4-4-4-3-1-3  
3481-3490 2-3-3-4-4-3-4-4-4-2  
3491-3500 1-1-1-1-1-1-2-2-3-3

3501-3510 3-3-3-2-3-3-4-4-5-5  
3511-3520 3-4-4-3-4-4-4-4-4-5  
3521-3530 4-4-5-5-5-5-5-4-3-3  
3531-3540 6-5-5-6-4-3-3-3-4-5  
3541-3550 5-4-3-4-4-4-4-3-3-4  
3551-3560 5-4-4-5-5-5-5-4-5-4  
3561-3570 4-4-4-3-4-5-4-5-4-5  
3571-3580 5-6-3-5-5-5-4-5-5-5  
3581-3590 5-4-5-5-5-5-4-4-5-6  
3591-3600 4-5-4-4-4-4-4-4-4-4

3601-3610 2-2-4-4-4-4-3-3-4-5  
3611-3620 4-5-5-5-5-5-4-5-4-5  
3621-3630 5-5-4-5-4-5-4-4-5-5  
3631-3640 4-3-5-4-3-3-4-5-4-3  
3641-3650 4-4-5-4-3-2-3-4-4-3  
3651-3660 2-3-3-2-3-5-5-2-2-3  
3661-3670 3-2-2-3-1-2-2-4-4-4  
3671-3680 4-3-3-4-4-5-5-4-4-3  
3681-3690 3-5-5-4-4-4-4-4-4-5  
3691-3700 3-4-4-4-3-2-3-3-3-3

3701-3710 5-4-4-4-4-4-4-4-4-5  
3711-3720 4-5-5-4-4-4-5-5-5-4  
3721-3730 3-3-4-4-3-2-4-5-4-5  
3731-3740 4-5-6-6-5-5-6-6-7-6  
3741-3750 7-5-4-4-4-4-5-4-5-5  
3751-3760 6-4-4-4-6-6-5-6-5-6  
3761-3770 6-6-6-4-5-3-5-5-4-3  
3771-3780 4-5-5-5-5-5-4-5-5-5  
3781-3790 5-5-6-4-5-4-4-5-5-5  
3791-3800 4-3-3-4-5-5-5-5-6-5

DRILLING TIMES: (Cont.)

3801-3810	6-5-6-5-5-5-5-6-5-5
3811-3820	5-6-6-6-5-4-4-4-4-3
3821-3830	4-5-5-5-4-5-5-5-5-4
3831-3840	3-4-5-4-3-2-3-4-4-3
3841-3850	2-3-3-4-6-6-3-3-5-5
3851-3860	5-5-5-5-6-5-6-5-6-6
3861-3870	5-5-3-2-3-6-6-5-5-4
3871-3880	6-5-6-6-5-5-4-5-6-4
3881-3890	5-5-4-5-4-4-4-2-3-3
3891-3900	3-3-3-2-5-4-4-4-3-3
3901-3910	4-3-5-4-6-5-6-5-4-5
3911-3920	8-7-6-6-4-6-4-7-7-7
3921-3928	6-5-6-7-7-7-7-6-RTD