

SOUTHWIND PETROLEUM CORPORATION  
 1100 West 14th Street  
 Wichita, Kansas 67203

RE: Southwind Petroleum Corporation  
 Park (L) #1-1  
 1110' FNL & 1310' FEL of NW/4  
 section 1 - 28S - 18W  
 Alstott pool  
 Kiowa County, Kansas  
 API 15-097-21459

The following report summarizes the geology and gas/oil potential of the above captioned well. Drill samples were collected from 2350' to 4838' (driller's total depth). The well was under geological supervision throughout that same interval.

<u>DRILLING COMMENCED</u>	27 DEC 2000	
<u>REACHED TOTAL DEPTH</u>	06 JAN 2001	
<u>CONTRACTOR</u>	Duke Drilling Co. rig #1	
<u>GEOLOGISTS</u>	Willis Nigh and Ted Jochems	
<u>CASING</u>	8 5/8" @ 358' w/ 225 sx 4 1/2" @ 4837' w/ 180 sx	
<u>ELEVATIONS</u>	2203' KB 2197' DF 2192' GL	
<u>FORMATION</u>	<u>DEPTH</u> <u>SEA LEVEL DATUM</u>	
Herington	2410'	-207
Krider	2443	-240
Howard	3520	-1317
Heebner	4013	-1810
Lansing-Kansas City		
'A'	4178	-1975
'B'	4207	-2004
'E' (Drum)	4349	-2146
Cherokee	4707	-2504
Mississippian	4753	-2550
Rotary Total Depth	4838	-2635

DRILL STEM TESTS

#1 3501'-3536'	30 - 45 - 45 - 60
Howard	strong blow both openings
	GTS 2nd opening
	GA 34 MCFGPD 10 minutes
" 30.8	" 20 "
" 29	" 30 "
" 27	" 40 "
" 27	" 45 "

DRILL STEM TESTS

#1(cont.)

REC 235' VSGCM (96% M 4% G)  
3249' GIP  
AK-1 clock Alpine clock  
BHP 1650-1660 1584-1535  
FP 96-96/106-106 39-56/52-86  
SIP 1162-1183 1134-1123  
BHT 122 degrees

#2 4180'-4202'  
Lansing 'A'

30 - 60 - 30 - 60  
GTS 4 minutes  
1st opening  
GA 237 MCFGPD 9 minutes  
" 265 " 14 "  
" 253 " 19 "  
" 243 " 24 "  
" 216 " 29 "  
2nd opening  
GA 337 MCFGPD 10 minutes  
" 205 " 20 "  
" 129 " 30 "  
REC 40' SGCM (90% M 10% G)  
60' G&WCM (70% M 20% G 10% W)  
60' VSM&GCW (85% W 13% G 2% M)  
3986' GIP  
AK-1 clock  
BHP 2092-2103  
FP 192-192/160-160  
SIP 596-511  
BHT 121 degrees

#3 4214'-4237'  
Lansing 'B'

30 - 60 - 45 - 90  
fair blow both openings  
REC 20' VSO&GCM (89% M 10% G 1% O)  
120' GIP  
AK-1 clock  
BHP 2092-2092  
FP 75-75/53-53  
SIP 138-298  
BHT 128 degrees

#4 4737'-4786'  
Mississippian

45 - 60 - 60 - 90  
GTS 20 minutes  
1st opening  
GA 21.8 MCFGPD 25 minutes  
" 27 " 30 "  
" 32.1 " 35 "  
" 33.1 " 40 "  
" 34.95 " 45 "  
2nd opening  
GA 34 MCFGPD 10 minutes  
" 39.2 " 20 "  
" 41.65 " 30 "  
" 43.9 " 40 "  
" 45.5 " 50 "  
" 47.1 " 60 "

DRILL STEM TESTS

#4 (cont.)

REC 50' VSGCM (96% M 4% G)

4701' GIP

Alpine clock AK-1 clock stopped

BHP 2196-2122

FP 15-38/27-48

SIP 873-884

BHT 122 degrees

ELECTRICAL SURVEY

ELI Wireline Service

compensated neutron - density - PE log

micro log

dual induction log

gamma ray - neutron CCL log

dual receiver cement bond log

GAS DETECTOR UNIT

MBC Well Logging and Leasing provided a hotwire/ chromatograph gas detector custom built by Jerry Lee of Oklahoma.

SAMPLE DESCRIPTIONS OF SELECTED INTERVALS

Herington 2410'-2414' Gray, very fine grained crystalline, mottled (recrystallized fecal pellets) dolomite. poor porosity. moderate gas detector response (magnitude uncertain)

Krider 2443'-2449' Gray, sparry, very fine grained crystalline, platy dolomite with white tripolitic chert. very strong gas detector response (magnitude uncertain).

Howard 3520'-3528' upper limestone member. Gray to tan, sparry, coarse grained crystalline, fossiliferous limestone. strong gas detector response (magnitude uncertain). Interval was tested by DST #1.

note: Pick of Howard top conforms to local convention. Correlation of gamma ray log with Kansas Geological Society's Kiowa County Type Log (1966) suggests that the interval 3520' to 3549' is the Bern limestone formation. The top of the limestone unit at 3582', locally called the Topeka limestone formation, appears to be the top of the Howard limestone formation.

Heebner 4013'-4021' Black, fissile shale. moderate gas detector responses (44 units).

Lansing - Kansas City Groups

'A' 4178'-4198' Main part of unit is tan, oolicastic limestone with calcite overgrowths. show of gas. strong gas detector response (280 units). interval tested by DST #2. Top of unit is white, dense, platy limestone with poor porosity.

'B' 4207'-4230' Gray to white, fine grained crystalline, sparry, fossiliferous, platy, locally chalky limestone with poor to fair inter-fossil and vugular porosity and minor brecciation. slight show of amber colored oil. slight show of gas. strong gas detector response (126 units). interval tested by DST #3.

SAMPLE DESCRIPTIONS OF SELECTED INTERVALS

- 'H' (Drum) 4349'-4362' Cream, fine to medium grained, oolicastic limestone.  
with medium grained matrix. oolitic in part. moderate  
to good porosity. gas detector not operating reliably.
- Cherokee 4707'-4719' Black, fissile shale and brown, blocky shale. minor gas  
detector response(16 units).
- Mississippian 4753'-4761' Cream to tan, dense, locally dolomitic limestone with  
calcite overgrowths. fair intercrystalline porosity.  
oil stain. moderate gas response(52 units). interval  
tested by DST #4.