

SOUTHWIND PETROLEUM CORPORATION

1400 West 14th Street

Wichita, Kansas 67203

RE: Southwind Petroleum Corporation
 Fark (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.

DRILLING COMMENCED 27 DEC 2000
REACHED TOTAL DEPTH 06 JAN 2001
CONTRACTOR Duke Drilling Co. rig #1
GEOLOGISTS Willis Nigh and Ted Jochems
CASING 8 5/8" @ 358' w/ 225 sx
 4 1/2" @ 4837' w/ 180 sx
ELEVATIONS 2203' KB
 2197' DF
 2192' GL

<u>FORMATION</u>	<u>DEPTH</u>	<u>SEA LEVEL</u>	<u>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'
 Howard 30 - 45 - 45 - 60
 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 "
 " 32.4 " 35 "
 " 33.4 " 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 SURVEYELI 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, fissle shale. moderate gas detector responses (44 units).
Lansing - Kansas City Groups		
'A'	4178'-4198'	Main part of unit is tan, oolitic 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, oolitic 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.