

SOUTHWIND DRILLING, INC.

RIG #4

PO Box 276, Ellinwood, KS 67526
Office Phone 620-564-3800, Fax 620-564-3845

DRILLING REPORT

Doxon/Bunker C-1

Location: 2194' FNL & 2310' FEL
API#: 15-195-22761-00-00

Section: 23-12S-22W
Trego County, Kansas

OWNER: Carrie Exploration & Development
CONTRACTOR: Southwind Drilling, Inc.

COMMENCED: 02/01/2012
COMPLETED: 02/12/2012

TOTAL DEPTH: Driller: 4136'
Logger: 4139'

Ground Elevation: 2362'
KB Elevation: 2369'

LOG:

0'	-	260'	Surface Hole
260'	-	1782'	Sand / Shale
1782'	-	1807'	Anhydrite
1807'	-	3136'	Sand / Shale
3136'	-	3660'	Lime / Shale
3660'	-	3715'	Kansas City
3715'	-	4035'	Lime / Shale
4035'	-	4078'	Marmaton
4078'	-	4136'	Arbuckle
		4136'	RTD

CASING RECORDS

Surface casing

Ran 6 joints of new 24# 8 5/8" casing, Tally @ 250', Set @ 260', cemented with 250 sacks of common, 3% cc, 2% gel, cement did circulate, by Allied (Ticket #056952), plug was down @ 12:45 am on 2/2/2012.

Production casing

Ran 98 joints of 5 1/2" casing, Tally @ 4177', Set @ 4137', cemented with 205 sacks, 175 sacks of AA2, 30 sacks of 60/40 Poz, by Basic (Ticket #4137), plug was down @ 8:30 am on 2/12/2012.

DEVIATION SURVEYS

1/2 degree(s)	@	260'
1 degree(s)	@	3690'
1 3/4 degree(s)	@	4035'
2 degree(s)	@	4136'