

# WELLBORE DIAGRAM

2212217

WELL NAME: BACKUS 4-16  
LOCATION: SESE SEC. 4 T4N R65W  
647'PSL & 661'FEL  
COUNTY, STATE: WELD, CO

ELEVATION GR: 4671' KB: 4682'  
SPUD DT: 12/08/93 COMPLETION DT: 12/22/93  
TD: 7330' PBTD: 7264'

SURFACE CSG: 12 JTS 8 5/8" 23# M50, "A" SET @ 518.29'  
CMT W/ 500 SX STANDARD

PRODUCTION CSG: 178 JTS 3-1/2" 7.7# B-70, 10RD SET @ 7335.01  
SUSSEX CMT W/ 355 SXS PREMIUM  
CDE/NIO CMT W/ 206 SXS PREMIUM  
TOP OF CEMENT: SUSSEX 4072' CDE/NIO 6356'

PRODUCTION TBG: 213 JTS 2-1/16 3.25# J-55, 10RD SET @ 7070.09'

PACKER DEPTH/TYPE: NONE - BRIDGE PLUG: NONE  
ARTIFICIAL LIFT:

SURF. CSG @ 518'  
CMT TO SURF W/ 500 S

Sussex Cmt @ 4072'

Cmt w/ 355 SX

Sx Perf's @  
NA

C/N Cmt @ 6356'

Cmt w/ 206 SX

Nio Perf's @  
6792'-6918'

Tbg Landed @ 7070

Cde Perf's @  
7104'-7113'

PBTD 7264'

PROD CSG @ 7335'

TD 7330'

FORMATION	WORK	DATE	DESCRIPTION
CODELL	PERF	12/17/93	7104'-7113' .34 EHD, 1 SPF, 9 HOLES 7104'-7113'
	FRAC	12/20/93	ACIDIZE W/1000 GAL 7.5% HCL, FRAC W/93,048 GALS WTR W/CLAYTREAT AND 35# GUAR W/0# 100 MESH AND 417,200# 20/40 MESH SAND
NIOBRARAA	PERF	12/17/93	6914'-6918', 6792'-6794' .34 EHD, 1 SPF, 6 HOLES
	FRAC	12/20/93	ACIDIZE W/ GAL , FRAC W/
-	PERF	-	- EHD, - SPF, - HOLES
	-	-	ACIDIZE W/ GAL , FRAC W/

PERF'D AND FRAC'D THE CDE/NIO TOGETHER  
O&G BATTERY W/REXFORD 1, IP IS 50% OF BATTERY.  
FRAC SCREEN OUT? CODELL - N, NIOBRARA - , SUSSEX -

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