

Bucher #1 Proposed WBD



DESCRIPTION DEPTH WELLBORE

8-5/8" Surface Casing:
(cement to surface)

138'

200' Cement to Surface
75sx Class G Neat

300' 150sx Cement Plug (15.8# Class G Neat)
600' Fox Hills Plug

1400' 125sx Cement Plug (15.8# Class G Neat)
1650' Pierre Shale Plug

2400' 50sx Cement Plug (15.8# Class G Neat)
2500' "Courtesy" Plug

5450' 125sx Cement Plug (15.8# Class G Neat)
Set on top of cut-off

Cut-Off Casing
5-1/2" 15.5#

5723'

5723'

TOC (estimated) 6,032'

J-Sand Perforations:
6866'-6874'

5-1/2" Production Casing:
(7-7/8" Hole)

6,938'

6850' Casing loaded with sand across perfs
6950'-6850'

6,938' TD

WELL: Bucher #1

LOCATION: NWNW 1 9N 59W
660 FNL 660FWL (Planned)
40.785394°N, -103.933898°E

FORMATION: JSND 10/16/1974

API #: 05-123-07906

Field: IGO Creek

CURRENT STATUS: DA

Spud: 11/4/1973
P&A: 10/16/1974

Type	Size	Weight	Top	Bottom	Hole Size
Surface	8-5/8"	23 ppf	0	138'	12-1/4"
Top Production	5-1/2"	20.0 ppf	0	1,600'	7-7/8"
Middle Production	5-1/2"	17.0 ppf	1,600'	3,000'	7-7/8"
Bottom Production	5-1/2"	15.5 ppf	3,000'	6,938'	7-7/8"

Elevation Data		
GL	5003	feet
KB	5008	feet
Difference	5	feet

Formation	Depth	
Base of Fox Hills	524'	MD
Base of Upper Pierre	1542'	MD
Sussex	4083	MD
Niobrara	5960'	MD
D Sand	6752'	MD
J Sand	6842'	MD