

Sawyer #32-34 Proposed WBD



Details	DEPTH	WELLBORE	DEPTH	Details
*Cement is Class G 1.15 cu ft/sk yield 15.8# *OH assume 20% cement loss			Surf	Top off cement
<div>Existing Cement</div> <div>New Cement</div>				
8-5/8" Surface Casing: (unk cement to surface)	215		267	120sx Cement Plug Surface shoe and surface Isolation (267" plug)
	979			
150sx Cement Plug Fox Hills Isolation (318' plug)	1,297			
Tag	2,505			
120sx Cement Plug Upper Pierre Isolation (146' plug)	2,651			
Tag	5,338			
85sx Cement Plug Niobrara Isolation (173' plug)	5,511			
			5544	Deepest depth reached due to formation gas
7-7/8" Production Hole TD:	8,001			

WELL: Sawyer #32-34

LOCATION: W2SE Sec 32 1N 65W
1320 FSL 1980 FEL
40.004129,-104.685305

FORMATION: J SAND 4/1/1989 Dry Hole

API #: 05-123-14235

Field: WATTENGERG - #90750

CURRENT STATUS: 4/1/1989 PA

Spud: 3/25/1989

Casing and Tubular Data

Type	Size	Weight	Top	Bottom	Hole Size	Assumption
Surface	8-5/8"	24 ppf	0	215'	unk	12-1/4"
Open Hole	unk	n/a	0	8,001'	unk	7-7/8"

Elevation Data

GL	5056	feet
KB	5069	feet
Difference	13	feet

Formation Tops Data

Formation	Depth	
Base of Fox Hills	1,244	MD
Base of Upper Pierre	2,600	MD Est From Induction Log
Niobrara	7,115	MD Est From Induction Log
Bentonite	7,752	MD
D Sand	7,857	MD
Huntsman	7,869	MD
J Sand	7,912	MD
Skull Creek	7,968	MD