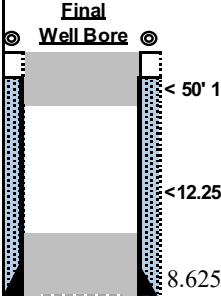


FINAL P&A Wellbore Diagram

PROJECT/FIELD	Wildcat Vertical J-sand Oil Well	COUNTY	Washington	STATE	CO
OPERATOR	St. Croix Operating, Inc.	LEASE		AFE #	
	PO Box 13799, Denver, CO 80201				
WELL NAME/NO.	Longknife #1	PERMITTED T.D.	4,300' TVD	API #	05 121 11109 00
SURF LOCATION	614' FNL, 1846' FWL (NENW) Sec. 6 T3S-R50W	LAT/LONG:	Lat: 39.828790, Long: -103.022540		
BHL LOC.	Same	LAT/LONG	Same		

Company Representative: Tom Thomas 970-630-4243



GR Elevation: 4563
 KB Elevation: 4571
 Rig 8' KB
Corrected elevations

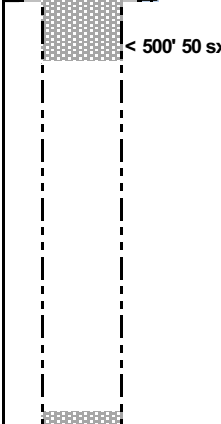
< 50' 15 sx to surface

Directions: From Otis, Colorado, HWY 34 and CR RR (paved road), 23 miles south to CR 17, 2 miles west to CR PP, 1 mile north, 0.6 miles west, South into.

< 12.25'

< 8.625" CSG @ 438' Cmt to surf.

DRILLING CONTRACTOR:
 Murfin/WW Drilling Rig 112

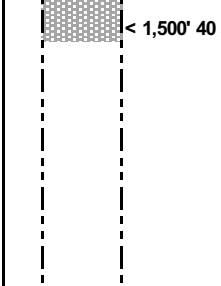


MARKER	TVD Depth	Measured Depth	SL Datum
Ogallala	0	0	
Pierre	295	295	
Niobrara	3083	3083	1488
Ft. Hays	3418	3418	1153
Carlile	3480	3480	1091
Greenhorn	3610	3610	961
X-Bentonite	3693	3693	878
D Sand	3895	3895	676
J Sand	3952	3952	619
TD	4150	4150	620'

< 500' 50 sx half in half out of surface

< 1,500' 40 sx

Class H cement 15.8# / 1.02 yield



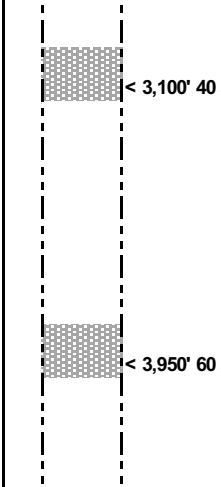
Max. BHP:

Surface Formation:

< 3,100' 40 sx Top of Niobrara

< 3,950' 60 sx Top of J-Sand

CASING:	Size	Wt ppf	Grade	Hole	Depth	Cement	WOC	Remarks
Conductor:	None							
Surface:	8.625"	24	J-55	12.25"	438'	321 sx	8 hrs	Cement to surface
Production:				7.875"	0'-4,150'	HXH-325 cement 1.33 yield 15.2# (100% excess)		



7 7/8" Open Hole TD - 4,150'

Prog By:

Date: 7/3/25