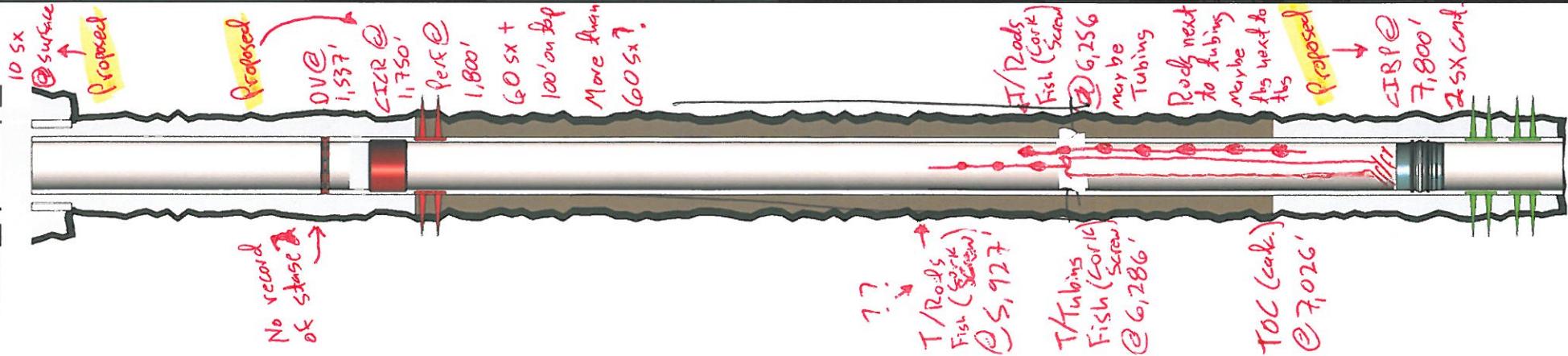




Company: Great Western Operating Company, LLC Project: DJ Basin
Well name: Clyde E. Williams Jr. #2 API no.: 05-001-07733
Legals: 660FEL-1980FNL-34-T2S-R64W County: Adams
Event: ABANDONMENT Elevation: 5,378ft

Schematic (12/1/2013)

Ground Level



Surface		
Hole	Top MD (ft)	Base MD (ft)
Surface Production	4	210
	210	8,100

Production		
Hole	Length (ft)	Hole Size (in)
Open Hole	206	12.250

Cement Job Type: Primary			
Assembly Size	TOC (ft)	MD base (ft)	Type
8.625	0	210	250 SX

Cement Job Type: Primary			
Assembly Size	TOC (ft)	MD base (ft)	Type
5.500	7,026	8,100	200 SX

Cement Job Type: Plug			
Assembly Size	TOC (ft)	MD base (ft)	Type
5.500	7,784	7,800	2sx on CIBP

Cement Job Type: Squeeze			
Assembly Size	TOC (ft)	MD base (ft)	Type
5.500	0	1,800	ABANDONMENT PLUG

Cement Job Type: Plug			
Assembly Size	TOC (ft)	MD base (ft)	Type
5.500	1,650	1,750	ABANDONMENT PLUG

Cement Job Type: Plug			
Assembly Size	TOC (ft)	MD base (ft)	Type
8.625	0	4	ABANDONMENT PLUG

MD Top (ft)	Name
1,640	Fox Hills Base
4,765	Sussex
7,120	Niobrara
7,540	Codell
7,916	D-Sand
7,997	J-Sand

PERFORATED			
Top MD (ft)	Base MD (ft)	Date	Status
7,918	7,944	5/8/1981	OPEN
4 JSPF, 0.41			

PERFORATED			
Top MD (ft)	Base MD (ft)	Date	Status
8,000	8,014	5/8/1981	OPEN
4 JSPF, 0.41			

PERFORATED			
Top MD (ft)	Base MD (ft)	Date	Status
1,800	1,803	12/1/2013	CLOSED
squeeze holes			

BRIDGE PLUG W/ CEMENT CAP					
Component	Joints	Top MD (ft)	Length (ft)	OD (in)	Grade
Bridge Plug	1	7,800	2	5.000	

CEMENT RETAINER W/ CEMENT CAP					
Component	Joints	Top MD (ft)	Length (ft)	OD (in)	Grade
CICR	1	1,750	2	5.000	

SURFACE CASING

Component	Joints	Top MD (ft)	Length (ft)	OD (in)	Weight (ppf)	Connection	Grade	Body ID (in)	Drift (in)
Casing	5	4	206	8.625	24.0			8.094	7.969

PRODUCTION CASING #1

Component	Joints	Top MD (ft)	Length (ft)	OD (in)	Weight (ppf)	Connection	Grade	Body ID (in)	Drift (in)
Casing	37	4	1,533	5.500	17.0			4.938	4.781
DV Tool	1	1,537	5,500	5,500					
Casing	156	1,543	6,557	5.500	15.5			4.906	4.813