

WELLBORE DIAGRAM

1980' FNL & 1980' FEL

Operator:	Great Western Operating C
Well Name:	Clyde E Williams Jr. #3
Lease Number:	
Location:	SWNE 34-T2S-R64W
Field:	Radar
County, State:	Adams, CO
API Number:	05-001-07734
Diagram Date:	2/18/2016

KB ' 5398'

GL ' 5386'

Surface Casing

12 1/4" Hole
 8 5/8" 24# csg set at 219' KB
 250 sx Cement 3% CaCl2
 1/4#/sk floccene 1st 150 sx

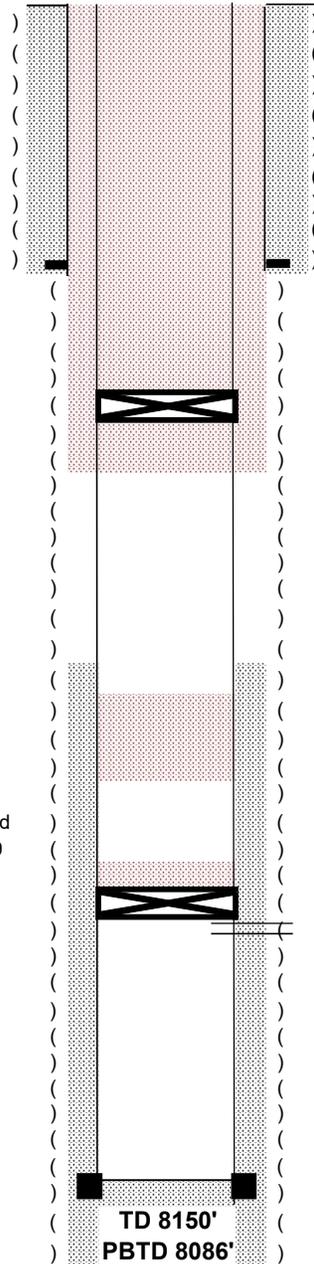
Sliding Sleeve @ 1570

24 bbls anjel through sliding sleeve displaced by 26.5 bbls
 NO KNOWN TOP
 Calc=792'

Production Casing

7-7/8" Prod hole
 5.5", 15.5# csg set @ 8150' KB
 200 sx Cement 20% 100mesh sand
 18% salt .75% CFR2 .4% HALUD9

Base of Fox Hills	1570'
Larimer-R.Ridge	4414'
Sussex	4780'
Sussex Pay	4942'
Shannon	5230'
Niobrara	7170'
Codell	7555'
Bentonite	7830'
D Sand	7928'
J Sand	8016'



Spud Date:	6/9/1981
Date TD Reached:	6/18/1981
Completion Date:	11/12/1981
First Production Date:	9/11/1981

**Perf sqz holes at 1720 ft, set CICR at 1620 ft
 Circ 375 sx to surface. Sting out, fill
 5-1/2" to surface w/ 190 sx**

TOC= Calc 6883'

**Spot 30 sx balanced plug across Nio Top
 from 7040 - 7300 ft**

Set CIBP w/ 2 sx at 7870 ft

D-Sand Perforations from 7932' to 7962'

J-Sand Perforations from 8034' to 8044'

.41 JSPF

Frac
 Pump 1000 Gal 7 1/4 KCL
 5 Gal K-5 2 Gal I-15 110# GITRIC
 Acid 50 Gal Acetic Acid
 Flush 49 BBL 1.5% KCL Water

**TD 8150'
 PBD 8086'**