



GCU 93 FC
Fruitland Coal
API # 30-045-07699
Unit E Sec. 36, T29N, R12W
San Juan County, New Mexico

History

Spud date Aug. 1961 as a Dakota only well
Well Repairs 2/1992 - Bradenhead repair
Well TXA 1997 - Temporarily abandoned Dakota
Well Serv. 2/2001 - NOI C/O Dak, if not producing
plug back Dak & test FC
Well Serv. 4/2001 - Reopened the Dakota for production
Recomplete 2/2003 - Abandon Dak, Gallup & MV, Recomplete
to FC & leave PC open for rathole
5/14/10: Changed out pump.
1/13/11: Bradenhead re-test. BH pressure at 132 psi.
Blew down gas in 9 sec. 23 psi on Bradenhead
after 5 min shut-in.

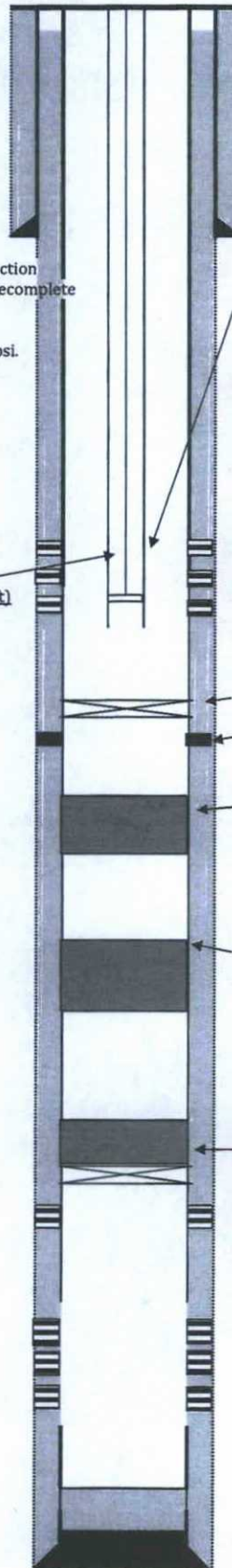
Rod Details (5/2010)

ROD, POLISHED: 1.25
RODS, PONY: 0.75 GRD. D
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RODS: 0.75 X 25 GRD. D FSSMC
PUMP, RHAC, 2.0 X 1.50" X 9

joints	Length (ft)
1	16
1	6
1	8
53	1325
1	14

Formation Tops

Pictured Cliffs	1320'
Lewis Shale	1532'
Mesa Verde	2895'
Mancos	4108'
Gallup	5000'
Sanastie	5400'
Greenhorn	5755'
Grenarous Shale	5820'
Dakota	5860'



5487' GR

TOC: Circulated 49 sx cmt.

OIL CONS. DIV DIST. 3

DEC 18 2015

12-1/4" Hole
8-5/8", 22.7# J-55 casing @ 357'
Cmt w/ 300 sks cement w/ 2% CaCl2

2-3/8" tubing set at 1371'

Tubing Details (4/2003)

TUBING HANGER
TUBING, 2.375, 4.7#, J-55, EUE T&C
NIPPLE, PROFILE, "F", 2.375 OD, 1.780 ID
MULE SHOE, 2.375

joints	Length (ft)
1	
42	1346.1
1	0.93
1	18.12

Fruitland Coal Perforations (2003)

1108 - 1114' @ 4 jspf
1208 - 1212' @ 4 jspf
1320 - 1338' @ 4 jspf
Frac'd w/ 670 gals of 15% HCl followed by 50,000 #
16/30 Brady Sand w/ 50% N2 foam

CIBP set @ 1500' (new PBTB)

DV Tool @ 1645'

(2003) - 2800' - 3000' cement plug
across the MV

(2003) - 4800' - 5000' cement plug
across the Gallup

(2003) 5600' - 5800' cement plug
across the Dakota

CIBP set @ 5800'

Graneros Perforations (1961)

5862' - 5870' @ 6 spf
Sand water frac'd w/ 20,600 gal water containing 1%
CaCl2 & 5 lbs J-98 per 1,000 gals & 20,000 lbs sand

Dakota Perforations (1961)

5940' - 5946' @ 4 spf
5956' - 5960' @ 4 spf
5975' - 5977' @ 4 spf
Sand water frac'd w/ 41,200 gal water containing 1%
CaCl2 & 5 lbs J-98 per 1,000 gals & 40,000 lbs sand

7-7/8" hole
4-1/2" 9.5# J-55 casing @ 6058'

Cemented:
1st stage: 275 sks containing 6% gel w/ 1-1/2 lb Tuf plug
and 100 sks NEAT cement
2nd stage: 285 sks containing 6% gel
Did not circulate.

PBTB: 6010'
TD: 6058'