

ROSA UNIT #187C

BLANCO MV/BASIN MANCOS/BASIN DK

Surface Location:

1090' FSL and 1145' FWL
SW/4 SW/4 Sec 21(M), T31N, R05W
Rio Arriba, NM

Bottom Hole Location

1724' FSL and 922' FWL
NW/4 SW/4 Sec 21(L), T31N, R05W
Rio Arriba, NM

Elevation: 6801' GR
API # 30-039-30185

Spud: 7-20-08

Completed DK: 9-18-08

Completed MCS: 10-31-08

1st Delivery DK: 9-22-08

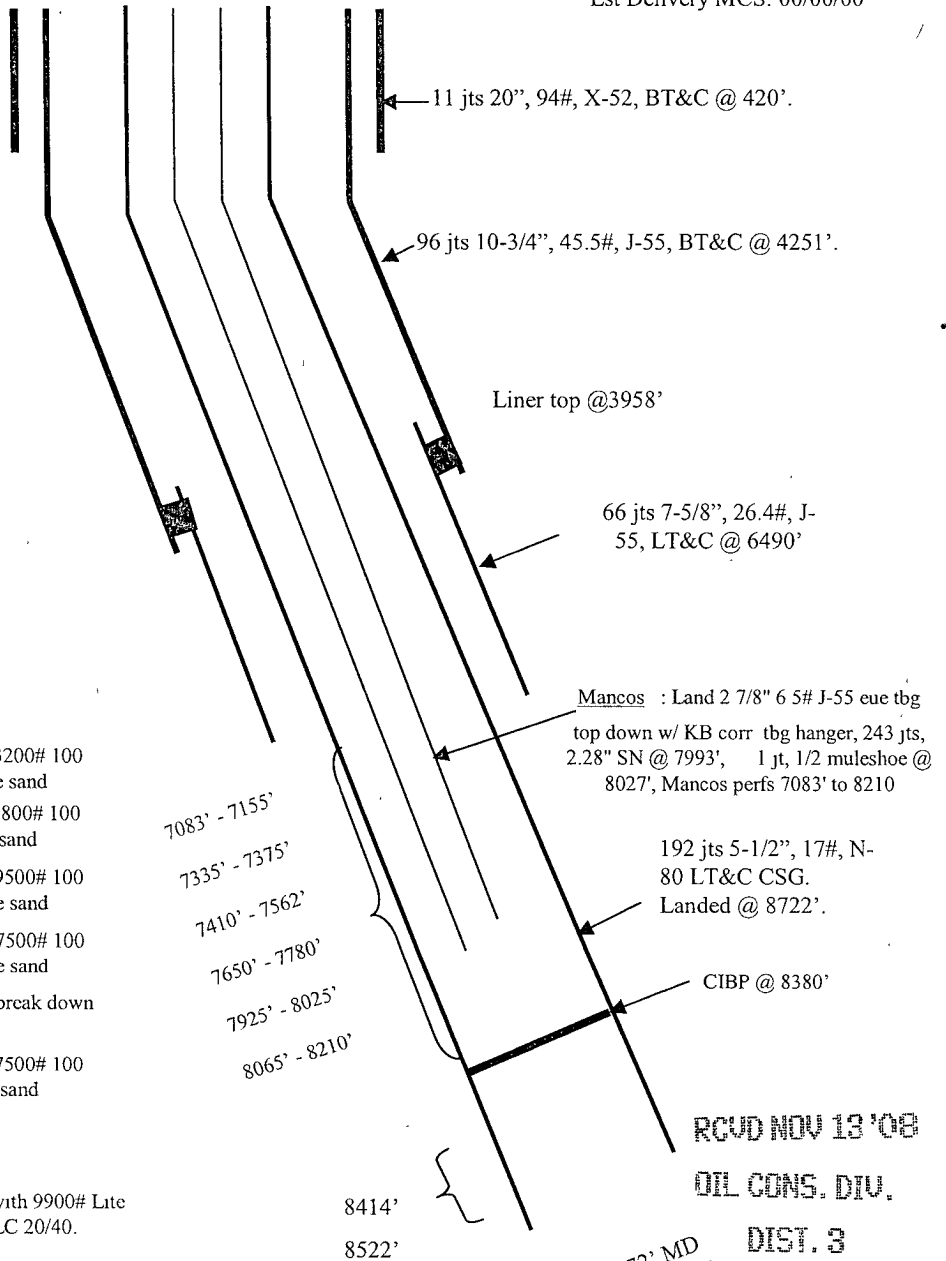
Lst Delivery MCS: 00/00/00

Top	MD Depth	TVD Depth
Pictured Cliffs	3728'	3681'
Lewis	4016'	3968'
Cliffhouse Ss	5936'	5888'
Menefee	5980'	5932'
Point Lookout	6185'	6137'
Mancos	6687'	6639'
Dakota	8413'	8364'

MANCOS

6th stage 7083'-7155', (33, 0.34" holes) Frac with 3200# 100 mesh white sand, follow with 133,176# 40/70 white sand
5th stage 7335'-7375', (27, 0.34" holes) Frac with 7800# 100 mesh white sand, follow with 88,622# 40/70 white sand
4th stage 7410'-7562', (36, 0.34" holes) Frac with 9500# 100 mesh white sand, follow with 125,159# 40/70 white sand
3rd stage 7650'-7780', (36, 0.34" holes) Frac with 7500# 100 mesh white sand, follow with 119,279# 40/70 white sand
2nd stage 7925'-8025', (33, 0.34" holes) unable to break down No Frac
1st stage 8065'-8210', (33, 0.34" holes) Frac with 7500# 100 mesh white sand, follow with 56,324# 40/70 white sand

Dakota 8414' - 8522' (54, 0.37" holes) Frac with 9900# Late Prop 108 14/40, follow with 3080# Tempered LC 20/40.



RCUD NOV 13 '08

OIL CONS. DIV.

DIST. 3

TD @ 8772' MD
TD @ 8722' TVD
PBTD @ 8670' MD

Hole Size	Casing	Cement	Volume	Top of Cmt
26"	20", 94#	750 sxs	1207 cu. Ft.	Surface
14-3/4"	10-3/4", 45.5#	2660 sxs	5395 cu.ft.	Surface
9-7/8"	7-5/8", 26.4#	850 sxs	1068 cu.ft.	3958'
6-3/4"	5-1/2", 17#	408 sxs	956 cu.ft.	4000'