

DUAL COMPLETION SCHEMATIC

TENNECO OIL COMPANY
Durango District

WELL NAME: Florance Federal
WELL NUMBER: 44
LOCATION: 1680' ENL; 830' FEL
Sec. 31 T. 30N R. 8W San Juan
CO., N.Mex.
ELEVATION: _____
GL: 5827
DF: 5836
ZERO: _____

TUBING: 214 lbs of 2-3/8" seal-lock
4.6#, J-55 w/18' subs set in packer
at 6800'.

SURFACE: 10-3/4" 32.75# @ 141' w/175 sx.

DUAL COMPLETION
BLANCO MESAVERDE
BASIN DAKOTA

STAGE COLLAR: 3740'

LEGEND

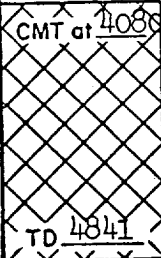
SS - Sliding sleeve
LN - Type F landing nipple
SA - Seal Assembly
PT - Production tube

CEMENTING RECORD

1st stage w/ 400 sx Class "C"
Top at 3740
2nd stage w/ 200 sx Class "C" w/12% gel &
Top at surface 25 sx Class "C"
w/no additive.

7" 20 ~~8-23~~ at: 4065'

SDTK at: 4080'



FRAC DAKOTA w/ 75,000 gallons water,
3 1/2# FR-2 per 1,000 gallons water, and
60,000# 20-40 sand.

DAKOTA PERFORATIONS

G. R. DEPTHS
6844, 6846,
6856, 6959,
6961, 6963,
6982, 7012,
7015, 7061,
7074, 7076

MESAVERDE PERFORATIONS

G. R. DEPTHS
4172, 4175,
4232, 4236,
4249, 4258,
4262, 4267,
4276, 4280,
4285, 4305,
4400, 4409,
4412, 4440,
4444, 4449,
4473, 4476

FRAC 2nd STAGE w/
100,000 gallons
water, 60,000#
10-20 sand and
20,000# 8-12 sand.

FRAC 1st STAGE w/
100,000 gallons
water, 60,000#
10-20 sand and
20,000# 8-12 sand.

BAKER MODEL D
SET at 6800'

PBTD 7082'

CASING SET at 7093'



DATE: May 31, 1965

SIGNED: Leon J. Abrusley
Leon J. Abrusley