

RGD FED COM # 1
RGD PROSPECT
BURTON FLAT MORROW FIELD
NE/NE/4 SEC 19-21S-27E
EDDY CO. NEW MEXICO
AFE#-684 LEASE# NM0354232
WELLBORE CONFIGURATION

GL = 3223'
KB = 17'
SPUD: 2330 hrs, 4/10/98
TD: 0700 hrs 5/16/98
Rig: Peterson #7

20" @ 75' KBM, cmt W/220 sks C, 2 % CaCl
14.8 ppg, 1.34 YLD

13 3/8" 54.5, 61 & 72#, J & K-55, ST&C & BT&C SET @ 1045'
Cmt W/200sks Premium(Thixotropic), 12% Cal-Seal, 1% CaCl, 5# Gilsonite
.5 # Flocele, 14.4 ppg, 1.58 yld, Tail w/ 1000 sks Premium Plus Howco Lite
w/ 2% CaCl, 5# Gilsonite, 1/4 # Flocele, 12.4 ppg, 1.97 yld., Tail w/ 200 sks
Premium Plus w/ 2 % CaCl, 14.8 ppg 1.34 yld., DNC cmt to surface.
Tag cmt @ 155'. Cmt w/ 343 sks Class C 2 % CaCl, cmt to surface

8 5/8" 32 # J-55 ST&C, 57 jts 2522.57', set @ 2520.
Cmt w/ 100 sks Premium(Thixotropic) w/ 9.4 # Cal-Seal, 1 % CaCl, 1/4# Flocele
5# Gilsonite, 14.5 ppg, 1.45 yld, 400 sks Interfill C w/ 5 # Gilsonite, 1/4# Flocele
11.7 ppg, 2.61 yld, Tail w/ 200 sks Premium Plus w/ 2 % CaCl 14.8 ppg, 1.32 yld.
Displaced w/ 150.5 bbl's FW.DNC Cmt. Temp survey TOC @ 1175'
Top out w/739 sks C w/ 2 % CaCl, 14 attempts cmt to surface

Tbg Detail

1 jt 2 3/8" 5.95# N-80=32.14', XO Sub.27', 345 JTS 2 3/8" 5.95# N-80=11091.29', XO Sub3.43',
Otis "R" Profile nipple 1.71" 1.00', 1 jt 2 3/8" 4.7# N-80 8 rd=31.25', WLEG1.995" ID=1.00'.
11160.29'+17' KB=11176.29 EOT, Profile nipple @ 11143'.

Cmt w/ 290 sks 50/50 Poz, 5 % D44, 2 % D20, .2% D13, 14.2 ppg, 1.35 yld

PERF'S 4SPF 60 DEG PHASING, Howco TCP 5/26/98

CORRELATION LOG : WESTERN-ATLAS COMPENSATED Z-DENSILOG, 16MAY98

11196'-11198'	2'	11299'-11310'	11'
11216'-11222'	6'	11374'-11381'	7'
11248'-11254'	6'	11383'-11391'	8'
11268'-11274'	6'	11394'-11401'	7'
11280'-11286'	6'		59', 236 SHOTS

4 1/2" 11.6 # P110 LT&C & BT&C, 300 jts 11621.29' SET @ 11600',

B=10690*.8=8552 PSI, C=7560*.8=6048 PSI, ID=4.000", DRIFT DIA =3.875"

Cmt w/680 sks 50/50 Poz H, 5 % D44, 2% D20, .4% D156.2% D13, 14.2PPG 1.36 YLD

Tail w/ 285 sks H, 2% D13, .5% D156, .5% D85, 16.4 PPG, 1.06 YLD, Disp w/ 92 bbl 3% KCL+87bbl's mud.

TD =11600' 0700 hrs 5/16/98

All measurements from KB unless otherwise noted.

9.8 ppg mud in
4 1/2" annulus
when displacing cmt

TOC@4732'

DV Tool @ 5600.97'
Burst PSI @ 10K

TOC:7980'
Schl CBL 2/25/98

PBTD@11466'KBM
11463'WLM 5/25/98
FC @11521.92'