

Directions:

Spud Date: 8-18-84

Location: 660 FNL, 1980 FEL Unit B
Sec. 15, T.20S, R.29E
Eddy County, NM.

Elevation: 3297.8 GL

Treatment History:

(1-16-85) Middle Morrow 11528-11615
500 250 gal 7% 7% MS acid
(Perf. in acid)

(1-17-85) Middle Morrow 11528-11615
Acid w/ 100 gal 7% 7% MS acid
AIR: 2 BPM @ 5200 PSI. BO
w/ 12 BS's in form. 15DP-3800"
15 2300"

(1-18-85) Same
Western Frac via 2 3/8" w/ 20,000 gal
5% MS. Gel w/ 25% CO₂ acid
14500' West prod. 2. 1-1/2" 15%
AIR 8 BPM @ 7800". Max: 8600"
15DP-4100". 15 min 5500"
(Test: 1.1 19MCFD)

(5-11-85) Bone Springs 7200-80
500 250 gal 15% NEFE w/ cdd
Down 1" 24" acid 24" @ 4 BPM @
2200". 15DP: 900". 15 min 1000"

(5-12-85) Same
Down 1" acid w/ 2500 gal 15% NEFE
w/ 90 BS's. AIR: 2 BPM @ 2300"
No. Cell action. 15DP: 650". 15 min
350"

(Test: 13/64 ch. 1150" (BS's LP), 736 MCFD
147 80' 4' gal)

17 1/2" Hole

11 1/2", 13 3/8", 4 1/2" R-55, STC
Set @ 460'
Cmt w/ 500 3x 'C' Circ. 42 3x to pit

Note: Kicked off @ 1363'. Junk in
hole. 1/1640-1703'

Lost circ. zone @ 2064'. Pumped total
of 930 3x cmt.

73 1/2", 8 3/4", 10 3/4"
Set @ 3085'
Cmt w/ 1000 gal. flo check. 1 500 3x
HACO thick set. 3250 3x 1 1/2", 300 3x
'C' Did not circ. Perf. & squeeze holes @
1775'. Pump 1000 gal. flo check. 200
3x Thick set. 2100 3x 1 1/2", 300 3x 'C'
Did not circ. cmt. Pumped 800 3x
'C' down 7" 7 1/2". Did not circ. cmt.
Pumped 1200 3x 'C' down 1" 1 1/2". Did
not circ. cmt. Cmt w/ 26 1/2" 'C'
Down 1" 1 1/2". 25 3x to pit.

DN tools @ 4800' 2 7/8"
Stage 1 TOL @ 70,000'
Stage 2 TOL @ 51,000'
Stage 3 TOL @ 3000'

Currently:
2 1/2" 4 1/2" N-80
Baker Model "R" set @ 7123'
11,000' comp.

Baker 44 3/4" @
11,000' w/ 11 1/2"
w/ 11 1/2" 11 1/2"

Baker
Sliding sleeve @ 7500'

Bone Springs 7200-80 01, 02, 04, 08, 09, 10
11, 12, 13, 14, 15, 16, 17, 18, 19, 20
(500 3x 1 1/2" holes)

Middle Morrow 11528-29, 31, 41, 74, 75, 91, 92
11, 14, 15. 1-500' (10 holes) Decade. To gun.

77 1/2", 4 1/2", 13 1/2", 11 1/2" N-80 LTC 839
Set @ 11950'
Cmt w/ stage 1 - 500 3x 'H' ; Stage 2 - 900 3x
'H' 3350 1/2" ; Stage 3 - 500 3x 50/50 per 'H'

TD: 11950'
P870 -

46 1331

10 X 10 TO 1/2 INCH 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.

K-E