

RICHARDSON FEE #3
McDonald Pennsylvanian (West)
 API #30-025-28178
 D-Sec 5-T14S-R36E, Lea County
 660'FNL & 660'FVL (Fee lse)
 Prop ID#744200-003
 Elevation 3974', KB (?)
 Harvey E. Yates Company

Wellbore Status as of : 12/16/02

Spud: 05/09/83

TD: 11000' 06/05/83

PBTD: 10947' 06/13/83

PBTD: 10445' 03/19/85

Completed: 06/24/83

(original)

(current)

Proposed Plugging Procedure

prepared by J. Atkinson

DRAWING NOT TO SCALE.

Prior to plugging, current well data:

SN @ 10,381', TAC @ 10,225'
 Tbg= 2 3/8" N-80
 Rods= 21-7/8", 249-3/4", 144-7/8"
 Ponies= 2' & 8"
 Pump= 2 x 1 1/4 x 24'



Set 50 sx surface plug & install Dry Hole Marker.

Spot 100' cmt from -430'-330'.

Spot 100' cmt from 2100'-2000'.

Spot 100' cmt @ 4650'-4550'. Tag plug.

Spot 100' cmt @ 7,100'-7,000'. Tag plug.

Cut & pull appx 9,500' - 5 1/2" csg.

Spot 100' plug 50' in/out 9,550-9,520'. Tag plug.

Circulate 9# mud.

Set CIBP @ 10,300' + 35' cmt

3/20/85 3. Perf 10318'-10382' w/2 spf (9 holes)

a/20% HCL w/EDTA

06/19/83 2. Perf 10511'-10516', 10524'-10528', 10533'-10535' (25 holes)

tracer survey showed 10533'-10535' taking 62% fluid (SW-74%)

06/15/83 1. Perf 10581'-10583' (9 holes)

a/20% MSR 100

3/20/85 Set CIBP @ 10,460' w/15' cmt

1/2/84 Set CIBP @ 10,532' (PBTD=10531')

6/18/93 Set CIBP @ 10576' + 18' cmt

by CBL, PBTD: 10,947'

TD: 11,000'

Surface Casing:

Bit size - 17 1/2"

380' - 13 3/8" 54.5# J-55 ST&C

Cmt'd w/400 sx, TOC=Circulated

Intermediate Casing:

Bit size - 11"

4600' - 8 5/8" 24, 28 & 32# J-55 Csg

cmt'd w/3700 sx cmt, TOC=Circulated

Centralizers every 120' from 4580-4100'

Production Casing:

Bit size - 7 7/8"

11000' - 5 1/2" 17# & 20# J-55 csg

cmt'd w/300 sx cmt, TOC=9520' by

Marker Jt: 10055-10065'

Proposed Plugging Procedure

1. Set CIBP @ 10,300' + 35' cmt
2. Circulate 9# mud.
3. Cut & pull appx 9,500' - 5 1/2" csg.
4. Spot 100' plug 50' in/out 9,550-9,520'. Tag plug.
5. Spot 100' cmt @ 7,100'-7,000'. Tag plug.
6. Spot 100' cmt @ 4,650'-4,550'. Tag plug.
7. Spot 100' cmt from 2,100'-2,000'.
8. Spot 100' cmt from 430'-330'.
9. Set 50 sx surface plug & install Dry Hole Marker.

DEC 19 2002