

McClure Oil Company, Inc.
Foster No. 1

New Mexico
Oil Conservation Division
Form C-103 Attachment

12. Described Proposed or Completed Operations:

Production casing set as follows:

<u>Casing Detail:</u>	<u>Length</u>	<u>Depth</u>
1 - 5½" float cllr w/Tx Ptrn Shoe	2.26	6507.00
1 - 5½" shoe jt 17#/ft LT&C J-55	25.04	6504.74
1 - 5½" float cllr	0.95	6479.70
52 - jts 5½" 17#/ft LT&C Rng 2&3 csg	2070.81	6478.75
1 - 5½" 17#/ft LT&C marker jt	19.11	4407.94
14 - jts 5½" 17#/ft LT&C Rng 3 csg	519.45	4388.83
67 - jts 5½" 15.5#/ft LT&C Rng 3 csg	2773.48	3869.38
38 - jts 5½" 17#/ft ST&C Rng 2 csg	1084.40	1095.90
Kelly Bushing to Top 5½" Head	<u>11.50</u>	11.50
Total	6507.00	0.00

Ran centralizers as follows: 30 cent - 1 every 100' from 6500' to 3000'. Land on the 169th jt 15.55' above floor.

Cement Detail:

After running csg, circ 2 times hole vol & pmp 50 BFW followed w/500 gal superflush 102 (sodium silicate bonding agent) followed w/665 sxs Light Class C cmt containing 0.25 #/sx Floseal (loss circ) & 5#/sx salt (accelerator) mixed w/172 BFW. Cmt to have following properties:

Fluid Weight 12.60#/gal
Fluid Yield 1.99 Ft 3/sx

Pmp press mixing 300#; displacing 400#.

Inj Rate mixing 7 BPM; displacing 7 BPM.

Follow lead cmt w/tail cmt to consists of 700 sx Class C Prem Plus containing 0.2% CFR-3 (Dispersant), 0.25% D-Air-1 powder (defoamer), 0.4% LAP -1 (Fluid loss) & 5#/sx microbond (bonding agent) mixed w/107 BFW. Cmt to have following properties:

Fluid Weight 14.80#/gal
Fluid Yield 1.38 Ft 3/sx

Pmp press mixing 300#; displacing 400#

Inj rate mixing 6 BPM; displacing 7½ BPM.

Drop plug & displace w/153 BW. Bump plug w/2100# press.
Held OK. Calc TOC @ 2000' f/surf.

