

WORKOVER PROCEDURE

PROJECT: State "A" Sec. 12 Well No. 1 PB Queens OH, Reperf Y-SR,Qns Perfs

DRILLED & COMPLETED: 8/35 LAST WO: 11/94 - OAP Y-SR, Acdze & Frac

LOCATION: 660' FEL & 1980' FNL Unit Ltr H, T-21s, R-35E

FIELD: Eumont COUNTY: Lea STATE: NM

TD: 4404' PBTD: 3886' Fill 11/94 DATUM: 3588' CHF KB to GL:

CASING AND LINER RECORD

SIZE	WEIGHT	DEPTH	CEMENT	HOLE SIZE	TOC	REMARKS
12 1/2"	50#	541'	368 sxs	16"	surf.	cmt circ.
9 5/8"	36#	2970'	630 sxs	11"	surf	cmt circ
7"	24#	3800'	35 sxs	8 3/4"	3650'	calc'd orig TOC 75%
6 1/4" OE		4404'				Shot Hole 3800' - 3904'

PRESENT FORMATION AND COMPLETION: Yates Perfs (3360' - 74'), SR Perfs (3471' - 3686'),
Queens Perfs (3750' - 70'), Queens OH (3800' - 4404')

TUBING: 119 Jts 2 3/8" 4.7# J-55 tbg, SN, 2 3/8" x 4' tbg sub, 2 3/8" Cavins D-2301 DS, 2 Jt 2 3/8" BPMA. SN @ 3722', EOT @ 3794'.

TBG HEAD: 9 5/8" Hindeliter

MISC.: 11/94 - Repaired HIC (3,360' - 74') & M.O. csg & Pkr @ 3,417'.
3/96 - Noted tight spot while RIH w/prod tbg starting at 3,233'.
1/99 - Noted Btm 20 Jts, DS & MA with severe external BaSO4 scale build up. Also tagged fill at 3,892.5' (11/94 tag'd @ 3,886').
6/99 - FL noted as high as 117 JFS.

PROCEDURE

Notify NMOCD 48 hrs prior to planned work.

1. RU prnp truck & PT 2 3/8" prod tbg to 1,000 psi prior to RU PU.
2. MIRU PU. POH w/rods & pump.
3. ND WHD. NU BOP. POH w/2 3/8" 4.7# J-55 prod tubing.
4. GIH (Tally in hole) w/6 1/4" bit on 2 7/8" 6.5# N-80 WS to 3795' (7" csg FS @ 3,800'). POH w/bit.
5. GIH w/7" tbg set CIBP (10K Diff) on 2 7/8" WS & set @ 3,790'. POH & LD setting tool.
6. GIH w/7" RTTS Pkr. 2 7/8" SN on 2 7/8" WS to 3,780'. Set Pkr & PT CIBP @ 3,790' to 1,000 psi.
7. Drop SV. Rlse Pkr & PUH to - 3,715'. Set Pkr & swab test Queens perfs (3,750' - 3,770'). Retr SV. Rlse Pkr & POH LD Pkr & WS. Evaluate swab test on Queens perfs to determine if re-perforating on this zone is required.

