

COMPLETION SCHEDULE

WELL: Yates "A" Federal #1 DATE: June 14, 1985

LOCATION: 1980' FNL & 1980' FWL, Sec. 21, T-20S, R-29E, Eddy County, New Mexico

FIELD: East Burton Flats ELEVATION: 3271' GL
18' KB TD: 12,000' PBTD: 6300'

<u>CASING RECORD:</u>	<u>SIZE</u>	<u>WT. & GRADE</u>	<u>DEPTH</u>	<u>CEMENT</u>	<u>CEMENT TOP</u>
	13 3/8"	NA	543'	650 sxs	Surface
	8 5/8"	NA	3124'	2650 sxs	Surface
	4 1/2"	11.6#	11258'	1450 sxs	5630'
				+ 800 sxs from	5190'
					TOC @ 2945' by
					CBL 4/4/84

FORMATION TOPS:

PRESNT PERFORATIONS: 5374'-5382'
5456'-5602' PRESNT PRODUCTION: SI WOCO

RECOMMENDED PROCEDURE:

- 1) POH w/rods & pump. ND tree, NU BOP.
- 2) POH w/tbg, anchor & SN.
- 3) GIH w/3-3/4" mill tooth bit, collars & 2-3/8" tbg & conventionally drill out plug from 6300' to 6600'. Clean out to 8300'. Circ hole w/1% KCL. POH.
- 4) GIH & perf 1 JSPF @ 8072', 47', 18', 06', 7996', 7833', 66', 50' & 7850' (9 holes). GIH w/tbg & pkr.
- 5) Spot 250 gals 7 1/2% MSR-100 w/phosphates & non-ionic surfactants over perfs & breakdown perfs, follow w/2000 gals same acid w/ballsealers.
- 6) Swab to recover load & shows. If shows, prepare to squeeze Delaware perfs & 4 holes @ 5190'. If no shows, proceed to plug well.
- 7) If shows, POH w/tbg & pkr. GIH w/4 1/2" RBP & set above perfs w/sand on top. POH w/tbg.
- 8) Squeeze perfs from 5456-5602' & 5374-5382' & test 4 holes @ 5190' to 3000#.
- 9) Drill out & test csg to 3000# for leaks or previous perf leaks.
- 10) Retrieve RBP & prepare to frac perfs from 8072-7850' (9 holes) down csg @ 27-36 BPM pressure permitting: 50,000 gals WF-60 & 95,000# 20-40 sand.
- 11) Flowback until dies & run tbg, pump, & rods & hang on pump. Turn over to pumper.
- 12) If no shows, plug well as follows:
 - a) Set CISP w/35' cement above 7850'.
 - b) 100' plug from 6600' to 6500'.
 - c) 300' plug from 6600' to 5300' over perfs & tag.
 - d) 100' plug from 3175' to 3075' over shoe.
 - e) 50' surface plug & dry hole marker.

*Note: Cement to surface on surface & intermediate string

Ray F. Nokes
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