

Well 700

COMPLETION SCHEDULE

WELL: Can Ken "4" Federal #1

DATE: March 9, 1985

LOCATION: H, 1980' FNL & 660' FEL, Sec. 4, T-18S, R-31E, Lea County, NM

FIELD: Undesignated Morrow

ELEVATION: 3749' GL
18' KB

TD: 12,104' PBTD: 12,050'

<u>CASING RECORD:</u>	<u>SIZE</u>	<u>WT. & GRADE</u>	<u>DEPTH</u>	<u>CEMENT</u>	<u>CEMENT TOP</u>
	13 3/8"	54.5#	762'	675 sxs	Surface
	8 5/8"	24 & 32#	5004'	2500 sxs	Surface
	5 1/2"	17#	12104'	330 sxs	TOC @ 11,180'

FORMATION TOPS:

PRESENT PERFORATIONS: 11,814'-11,820' (Morrow)

PRESENT PRODUCTION:
SI Wtg on Gas Market

RECOMMENDED PROCEDURE: Test Bone Spring Interval

- 1) MI & RU PU. GIH & set blanking plug in 1.81 "F" nipple profile.
- 2) Unlatch retrieving head from Baker "EL" tbg receptacle & POH. (Note: Blanking plug & "EL" receptacle to be protected by RBP to allow return to Morrow interval currently shut in waiting on gas market).
- 3) GIH w/5 1/2" RBP w/sand shield & perforated nipple above sand shield. Set @ 11,350' & pull tbg up & test RBP. Dump 2 sxs sand on top of RBP. Circ hole w/10# brine @ 8700'.
- 4) GIH & perf 4 sqz holes @ 8650', POH.
- 5) GIH w/5 1/2" Model "R" pkr & 2 3/8" tbg & set @ 8000'. Open 5 1/2" annulus & attempt to break circ. down tbg & up backside of 5 1/2" csg. If successful, pump enough CI "H" cmt to cover backside to 6700' (500' above zone @ 7200').
- 6) POH, GIH w/4 3/4" bit, scraper, 4 collars, & 2 3/8" tbg & drl cut cmt to 8550'.
- 7) RU & run GR-CBL/CCL from 8550' to TOC + 400' free pipe, POH.
- 8) GIH & perforate 1 JSPF @ 8391, 81, 71, 40, 31, 07, 8280, 64, 41, 32, 8192, 80, 65, (13 holes).
- 9) GIH w/pkr, SN & 2-3/8" tbg & spot 300 gals 7 1/2% SRA w/phosphates & nonionic surfactants over perfs. Pull pkr & breakdown perfs & swab to recover load. If shows, prepare to frac.
- 10) POH w/tbg & pkr. ND BOP, NU frac head. Frac perfs 8165-8391', down casing w/ 91,000 gals w/220,000# 20-40 sand.
- 11) Open to pit and flow back frac fluid. After well dies, ND frac head, NU BOP & go in hole & circ sand off perfs. POH.
- 12) GIH w/pkr, SN & 2-3/8" tbg to 8100'± & set. RU swab & swab to kick well off.

*Note: In the event the gas market improves and a gas contract is executed for the morrow zone, Meyco intends to return to the shut in morrow gas zone @ 11,814-20'.

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