

RECOMMENDED WORKOVER PROCEDURE

WELL: Carlsbad State #1

FIELD: South Carlsbad Morrow

LOCATION: 660' FN, 1980' FE, Sec. 34, T-23-S, R-26E
Eddy County, New Mexico

CSG. DETAIL: Surface: 12-3/4" @ 503', cement circ.
Intermediate: 8-5/8" - 7" (tapered string)
7" 5477-1035', 8-5/8" 1035-surf. Cmt'd
w/2754 sx Lite + 300 sx "C" + 2% cc.
Production: 4-1/2" 13.5 & 11.6# @ 11794'
cmt'd w/500 sx + 282# Turbo mix. TOC @ 7400'
by T.S.

TBG. DETAIL: 355 jts. 11,925', 2-3/8" 4.7# N-80 w/ER
on-off tool & Baker Lokset pkr @ 11,299'.

PERFS: Strawn: 10,354-70' (sqzd w/250 sx)
Morrow: 11,410-732' (open 35 holes)

PROCEDURE:

- 1) MIRU. Attempt to blow down backside.
- 2) NU BOP.
- 3) RU Rotary Wireline and 3000# lubricator. Run 1.901" gauge ring down tubing to pkr @ 11,299'. RIH & set tbg plug in profile nipple in "ER" on-off tool @ 11,299'. Load hole w/ 2% KCL water and test tbg to 2000#. Run stuck pipe log. FAX log to Division office.
- 4) RIH w/chemical cutter. Pull 5 pts tension. Cut tbg with 15' fishing neck above stuck pt. Cut-off depth will be immediately above a 2-3/8" tbg collar and to be selected by Division office. RD Rotary Wireline.
- 5) TOH 2-3/8" production tbg.
- 6) PU Texas-Pattern shoe (ID=3.25", OD=3.875") + 7 jts (3.75" x 3.25") WP + jars + 6 - 3-1/8" DC on 2-3/8" N-80 workstring.
- 7) Tag top of fish and rig up reverse unit. All fluid in pits to be 2% KCL water. Wash approximately 200' over tbg & collars. Monitor torque.
- 8) TOH & LDWP and stand back drill collars.
- 9) PU OS w/ 3.063" grapple and 1.85" to 1.90" bore.

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- 12) RU Schlumberger. Run casing inspection log from 11,750' to surface.
- 13) TIH w/ production tbg open ended. RU Baker Wellhead Inspection Tool. POH inspecting tbg.
- 14) PU replacement pkr w/J latch seal assembly and 2-3/8" production tbg. TIH and set pkr @ 11,299'.
- 15) Load backside w/ pkr fluid. Set pkr & NU WH. Test backside to 500# for 15 minutes.
- 16) Swab well to flow. If necessary, blow down overnite to clean out load wtr. Open well to sales line.

Prepared by: _____

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Date: _____

9-8-89

Approved by: _____

Wc
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Date: _____

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