



**Marathon
Oil Company**

P.O. Box 552
Midland, Texas 79702
Telephone 915/682-1626

**NORTH INDIAN BASIN UNIT #14
660' FNL & 2310' FEL
SEC. 2, T-21-S, R-23-E
EDDY COUNTY, NEW MEXICO**

RE-ENTRY AND SIDETRACK

10/24/96 - MIRU PU. Pulled 2 7/8" tbg. Set retainer @ 7526'. Sqzd perms 7788' - 7754' w/250 sx "C"; did not catch cmt. Tbg on vacuum. WOC 12 hrs. Stung into retainer, resqzd w/100 sx "C", 100 sx "H".

TIH w 6 1/8" bit, drld cmt 7512'. retainer 7523' - 7526', cement to 7773'. Drilled CIBP @ 7773'. Lost returns. Set retainer @ 7763'. Sqzd perms 7783' - 7800' w/200 sx "H", reversed 52 sx to pit. Stung out of retainer. TIH w/6 1/8" bit, tagged cmt @ 7753'. Drilled cmt & retainer to 7810'.

Set CIBP @ 7648'. RDPU.

MIRU McVay #4. Installed BOPE. Tested 11" 3m blind and pipe rams, choke & kill lines, manifold, floor valves and mudlines to 250/2500 psi. Tested annular to 1500 psi. PU 5 1/2" 3° Whipstock, starting mill & orientation sub. Oriented Whipstock to 225 azimuth. Set Whipstock & milled window 7610' - 7612'. Drilled 6 1/8" hole to 7625', PU 4 3/4" bit & motor - drilled to 7626'. Ran Gyro. Drilled curve section and lateral to MD-9026', Inc. - 95.5°, AZ 265.9, TVD 7708.4'. Approximate BHL @ 777' FNL & 1675.5' FWL. Closure 1299.5'

Acidized lateral & curve section w/23,000 gals 15% HCL. Released Whipstock @ 7610'.

Knocked out CIBP @ 7648'. Pushed CIBP to 7798'. Ran TD 1750 submersible pump, 6' - 2 7/8" sub, drain valve. 2 jts 2 7/8", seating nipple, 239 jts, 2 7/8" J-55 to 7721'. Landed tbg in Seaboard Head.