

INDIAN BASIN "A" #3
1650' FNL & 1650' FWL
SEC. 22, T-21-S, R-23-E
EDDY COUNTY, NEW MEXICO

12/28/96 - MIRU United Rig #5. Installed rotating head on 16" conductor. Spud 12 1/4" hole @ 2000 hrs 12/27/96. Drilled to 1180' with air & mist. TD @ 1700 hrs 1/1/97. Ran 28 jts, 9 5/8", J-55, 8 RD, STC new casing. Float shoe @ 1179', float collar @ 1153'. Cemented with 300 sx "C" with 1% CaCl₂, wt - 14.8, yield - 1.33. Circ'd 30 sx to pit. Cut 9 5/8", installed 11" 3m csg head, tested weld to 500 psi. Released United #5.

1/20/97 - MIRU McVay #4. Installed BOP's. Tested blind & pipe rams to 200/3000 psi. Tested annular to 1500 psi. TIH & tested casing to 1750 psi. Tagged cement @ 1100'. Drilled cement & collar to 1170'. Tested csg to 1750 psi. Drilled cement and resumed drilling formation to 9410', TD @ 1600 hrs 2/9/97.

Logged well as follows: Ran Platform Express 9410' - 1180', CNL/GR to surface. Ran FMI 9410' - 6500'.

Ran 7" production casing as follows: Float shoe, 2 jts, 26#, L-80, LTC. Float collar, 48 jts, 26#, L-80, LTC, marker joint, 22 jts, 26#, L-80, LTC, stage tool @ 6225', 34 jts, 26#, L-80, LTC, 105 jts, 23#, L-80, LTC, 2 jts, 26#, L-80, LTC.

RU BJ & tested lines to 4,000 psi. Mixed and pumped 1st stage, 50 sx POZ with .5% fl-52, .5% R-3, tailed in with 1020 sx "H" with 1% fl-62, 5 pps, BH-90, 3 pps Kolseal, .3% CD-32, wt - 15.3, yield - 1.28. Dropped bomb, opened tool, circ'd 160 sx to surface. Circ'd 4 hrs with rig pump.

Cemented 2nd stage with 750 sx 35:65:6 with 5% NaCl, 3pps Kolseal, .2% LWL, 1/4 pps Cello, wt - 12.7, yield 1.98. Tailed in with 100 sx "C" with 3 pps Kolseal, wt - 14.7, yield 1.36, circ'd 166 sx to surface.

ND BOPE. Set 7" slips and installed 11" 3m x 7 1/16" 3m tbg head. Tested seals to 2500 psi. Released rig @ 2100 hrs. 2/11/97.