

**BONE FLATS FED. COM "12" #3**  
**API #30-015-28529**

Attachment to form 3160-5  
January 6, 1999

1. Work commenced 9/25/98. MIRU PU. ND wellhead & NU BOP. POOH w/2 jts. tbg. RU Wireline. RIH w/junk basket & tag @ 7698'. RD wireline.
2. Unloaded and tallied 2-7/8" AOH. PU 6-1/8" bit & scraper. RIH & tag @ 7705'. Drilled & pushed obstruction to 7948'.
3. POOH w/AOH & L/D bit & scraper. RU wireline & run gauge ring junk basket. POOH w/gauge ring & trash in basket. Made 2<sup>nd</sup> run & tagged again. RD wireline & RIH w/bit & scraper on pipe. Reverse circulate wellbore clean. POOH & L/D bit & scraper. RU wireline. RIH w/ gauge ring. No drag. RIH w/CIBP & set @ 7798'. RD wireline.
4. RIH w/mill to top of CIBP. Set weight on CIBP & mark pipe. POOH w/AOH & L/D mill. Picked up whipstock w/orientation sub & oriented whipstock. TIH w/whipstock to top of CIBP. RU Scientific drilling, orient & set whipstock, and sheared starting mill. Picked up swivel & milled window. Circulated. POOH w/AOH & RIH w/mill & started milling window. Milled from 7777' to 7798'. Circulated wellbore clean. RD PU & cleaned location.
5. 10/4/98 MIRU drilling rig. Drilled 2 laterals.
6. 10/21/98 MIRU PU. NU BOPs & tested. PU 2 jts. AOH pipe & latched onto RBP. POOH w/AOH pipe & L/D RBP. RIH w/hook, collars & AOH pipe.
7. Latched onto whipstock @ 7777'. Released whipstock. POOH L/D AOH DP & DCs.
8. RU bailer. Knocked out CIBP @ 7777'. Tagged TD @ 7948'. PU RBP & 248 jts. of 2-7/8" tbg. Could not pass RBP through window. RU Arc & RIH w/pressure gauges. (BHP 390 psi @ 7758'.
9. POOH to 2500'. Set RBP. Loaded & tested. ND BOP. NU Seaboard head. NU BOP. Tested. Released RBP. POOH & PU ODI Pumps on a total of 251 jts. 2-7/8" tbg. Landed bottom of motor @ 7928'. ND BOP. NU Seaboard head.
10. 10/28/98 RIH w/2-7/8" tbg. Found window @ 7777'. RI SE lateral (#1). TD 8994'. Pulled back to 8160'. RU BJ Coil Tech. RI w/Roto-jet tool on 1-1/2" coil tbg. Tagged @ 8994'. Acidized lateral from 8994'-8160' w/15 gpf of 15% HCl acid, for a total of 12,500 gals. of acid w/additives. POOH w/coil & RD Coil Tech. PU 1 stand & turn pipe 1/2 turn. RIH w/pipe into later. Tagged short (#1 or SE) lateral. POOH w/tbg tack up to Y @ 8137' and turned pipe 1/2 turn & RIH tagging short lateral. POOH again to Y & turned pipe 1/4 turn. RIH & tagged long (#2 or NE) lateral @ 9055'. POOH up to 8242'. RU Coil Tech. RIH w/1 1/2" Rotar-Jet to 9055'. Acidized long lateral w/15 gpf of 15% HCl acid from 8242'-9055'.
11. RD coil unit. POOH w/pipe to curve and dumped 1000 gals. acid in curve. POOH w/30 stands above curve & RIH w/RTTS w/valve. Set packer & tested. ND BOPs & RD seaboard head. NU BOPs w/stripper head to clean out well w/air. Tagged back of long lateral & tried to unload well & clean out. Pulled pipe to 4523', unload hole. RIH to 6129', unload hole.
12. Circ. wellbore clean @ 6129'. Lowered tbg to 7937' (end of vertical depth). PUH to 7777', rotated pipe 1/4 turn, lowered to 8180'. Started to unload hole. Circulated fluid to surface in stages.
13. Blew out short lateral clean & pulled up in vertical hole. Cleaned out vertical hole to PBTD. POOH w/tbg. L/D AOH & RIH w/7" RTTS packer. Set & tested. ND BOP & torus. RU seaboard head. NU BOP w/torus. Tested to 500 psi. Released RTTS.
14. POOH & L/D packer. RIH w/sub pump w/capillary tbg to surface. Made final splice & landed in head. ND BOP & NU wellhead. RD PU.
15. 11/7/98 MIRU PU. Killed well. NU BOP & POOH L/D sub pump. RIH to 7813.
16. RU swab unit. Swabbed well dry in 4 runs. Waited 1 hr. Tagged fluid @ 7600'. Recovered 2 bbls. fluid. Pumped 300 bbls down csg. RIH w/swab. No fluid in tbg.