

- 02-17-10 Blade and scrape location. Set safety anchors. Install surface valves and fill in cellar. MIRU Key Energy pulling unit. Move in pipe racks and catwalk. Unload , rack, and tally 354 jts of 2 7/8" 6.5# L-80 8rd EuE tbgs. Pick up 4 5/8" bit, 5 1/2" scraper, and RIH with 110 jts of 2 7/8" tbgs. Close well in and shut down; Est Daily Comp \$74,900
Est Drlg \$1,295,424; Est Comp \$74,900; Est Tot \$1,370,324
- 02-18-10 AOL. Pick up 352 jts of 2 7/8" tbgs and tagged PBTD at 11,511'. NU Petroplex acidizing. Pickle wellbore with 1,000 - gals of 15% HCL acid. Circulated clean with 280 - bbls of 3% KCL. ND . POH and layed down 4 jts of 2 7/8" to 11,348'. NU Petroplex on tbgs. Spotted 500 gals of 10% acetic acid from 11,348' to 10,778' with 62-bbls of 3% KCL. ND Petroplex. POH and layed down 200 jts of 2 7/8" tbgs. Close well in and shut down; Est Daily Comp \$9950
Est Drlg \$1,295,424; Est Comp \$84,850; Est Tot \$1,380,274
- 02-19-10 AOL. POH and layed down 148 jts of 2 7/8" tbgs, bit and scraper. ND BOP and 5,000# wellhead. NU 10,000# wellhead, frac valve and frac head. NU pump trk and tested csg to 5,000#. Held ok. RDMO Key pulling unit. Move in wireline unit . Move in and set 5 frac tanks. Close well in and shut down; Est Daily Comp \$6400
- 02-20-10 AOL. RU Halliburton wireline services and Key pump trk. RIH with logging tools and tagged PBTD at 11,480' . Pressure up on csg to 1,000#. POH and ran cement bond log w/gamma ray and CCL from PBTD at 11,480' to 3,900'. Est. cement top at 4,175' . POH and layed down logging tools. RIH with 3 1/8" csg guns and perforated at 11,251' - 11,253' - 2spf - 5 holes, 11,304' - 11,308' - 2spf - 10 holes, 11,316' - 11,318' - 1spf - 2 holes, 11,330' - 11,336' - 2spf - 11 holes, 11,358' - 11,362' - 2 spf - 10 holes, 11,417' - 11,419' - 2spf - 4 holes, and 11,425' - 11,429' - 2spf - 8 holes. 50 total holes. POH and RD wireline. NU pump trk and pumped 2 -bbls to load csg. Pressured up and brokedown formation at 1,900#. Pumped 40-bbls of 3% KCL at 2 bpm to flush acid. Avg psi.- 1,550#. ISIP- 1,500#, 5 min. - 1,000#. Close well in and ND pump trk; Est Daily Comp \$8485
Est Drlg \$1,295,424; Est Comp \$99,735; Est Tot \$1,395,159
- 02-26-10 AOL. MIRU Halliburton pumping services. Breakdown formation 2,878# at 15 bpm, spearheaded 3,000 gals of 10% MCA acid, increased rate and pumped 4,818 -bbls of X-linked gel carrying 250,000# of 20/40 inter-prop sand staged from 1# to 5#. Flushed to top perf with 252-bbls of treated water. ISIP/5 mins - 3656#/3,485, max psi.-5,643#. avg. psi.-4,769#, max rate - 72 bpm, avg. rate - 69 bpm, Total load to recover - 4,818-bbls. RDMO Halliburton. RU flowback manifold. Left well SI for 3 hrs. SICP - 2,280#. Opened well up to pit on 10/64 choke at 1/2 BPM rate and left to flowback; Est Daily Comp \$196,041
- 02-27-10 AOL. Well flowing with 1,000# csg. Psi. on 14/64 choke. Recovered 468 total bbls of all water. 4350-BLTR; Est Daily Comp \$1500
- 02-28-10 AOL. 220# flowing psi. on 32/64 choke. Recovered 706 -bbls in last 24 hrs. 20% oil cut with some gas. Total fluid recovered - 1174-bbls. 3644 BLTR; Flowing 24 hrs. CP 80 PSI, 38/64" choke, Recovered +-95 BO and 342 BW. Shut in this AM. Prepare to wireline set packer and run tubing; Est Daily Comp \$1500
Est Drlg \$1,295,424; Est Comp \$298,776; Est Tot \$1,594,200
- 03-01-10 AOL. 80# flowing csg psi. on 38/64 choke . Recovered in last 24 hrs 437 -bbls of fluid with 22% oil cut. 1,611 total bbls recovered. 3207 -BLTR. Shut well in. MIRU E & P wireline. RIH with 4.650" gauge ring to 11,200'. POH. Pick up , RIH and set 5 1/2" Arrow set 1x packer w/pump out rupture disk at 11,150'. POH and RD Wireline. Bled off pressure. MIRU Key Energy service pulling unit . Shut down for day; Est Daily Comp \$13,253
Est Drlg \$1,295,424; Est Comp \$312,029; Est Tot \$1,607,453

03-02-10 AOL. SICP-300#. Bled off to tanks for 3 hrs and died. ND frac valve and 10,000# wellhead. NU 5,000# wellhead and BOP. Move in pipe racks and catwalk. Move in and rack 350 jts of 2 7/8" t bg. Pick up on/off tool and RIH with 341 jts of 2 7/8" tbg and latched up on packer at 11,150'. ND BOP. Set 18 pts of comp. on packer. Flange up wellhead. Shut well in and shut down. 8' x 2 7/8" tbg sub, 340 jts 2 7/8" L-80, 2.31" F nipple, 1 jts of 2 7/8" tbg, T2 on/off too, w/2.55" F nipple, 5 1/2" Arrow set 1x packer, 3' x 2 7/8" sub; Est Daily Comp \$7094
Est Drlg \$1,295,424; Est Comp \$319,123; Est Tot \$1,614,547

03-03-10 AOL. SITP-0#, SICP-0#. NU pump trk on tbg and pumped 55 -bbls of 2% KCL to catch pressure. Pressured up to 600# and well went on vacuum. Pumped 76 total bbls to ensure ceramic disk was gone. ND pump trk. NU swab. RIH and made 8 runs. IFL 750'. Ending FL was 600'. Recovered 60 total bbls of fluid. Well kicked off flowing after 8th run, 300# on 16/64 choke. RDMO Key pulling unit. NU flowback tester; flwg 11 hrs thru tst eqpmt ending @ 6 a.m. 3/4/10: 340# TP on 20/64 choke; recovered 59 BO + 215 BW; gas rate 70 MCFPD; 2992 Bbls load water; Est Daily Comp \$5600
Est Drlg \$1,295,424; Est Comp \$324,723; Est Tot \$1,620,147

03-04-10 Flwd 239 BO + 136 BW + 220 MCF; 60# FP/20/64" chk; BLW 2992; BLWR 351 (12%); BLWTR 2641; Est Daily Comp \$1500
Est Drlg \$1,295,424; Est Comp \$326,223; Est Tot \$1,621,647

03-05-10 Flwd 212 BO + 112 BW + 182 MCF; 160# FP/20/64" chk

03-06-10 Flwd 160 BO + 93 BW + 150 MCF; 145# FP/20/64" chk

03-07-10 Flwd 150 BO + 76 BW + 135 MCF; 135# FP/20/64" chk; BLW 2992; BLWR 632 (21%); BLWTR 2360

03-08-10 Flwd 150 BO + 76 BW + 135 MCF; 135# FP/20/64" chk; BLW 2992; BLWR 632 (21%); BLWTR 2360

03-09-10 Flwd 132 BO + 101 BW + 98 MCF; SI @ 11am; BLW 2992; BLWR 733 (24%); BLWTR 2259

03-10-10 23 hr SITP 340#; BLW 2992; BLWR 733 (24%); BLWTR 2259

03-11-10 Flwd 106 BO + 17 BW + 41 MCF in 4 hrs; BLW 2992; BLWR 750 (25%); BLWTR 2242

03-12-10 Flwd 66 BO + 20 BW + venting gas; BLW 2992; BLWR 770 (26%); BLWTR 2222
AOL. MIRU Fesco slickline unit. RIH with 1 1/2" sample bailer and tagged fill at 11,291'. POH. Some sand in sample bailer. RD Fesco. MIRU Key pulling unit. NU pump trk on tbg and pumped 45-bbls of 10# down tbg to kill well. Released packer, POH with 341-jts of 2 7/8" tbg and layed down packer. Left well open to test tanks and shut down. 138' of fill over perms and 220' total; Est Daily Comp \$6100

03-13-10 AOL. Well was dead with a slight gas blow. NU pump trk and pumped 30-bbls 10# down tbg to kill gas. Pick up 4 5/8" mill, 2 7/8" versa tool bailer, and RIH with 347 jts of 2 7/8" tbg. Tagged fill at 11,350'. Cleaned out sand and fill down to PBTD at 11,511'. POH with 352 jts of 2 7/8" tbg and layed down bailer. RIH with production tbg. 341 jts 2 7/8" tbg, 2 1/2" seat nipple, x-over, 2 3/8" BH gas separator, x-over, 2 1/2" seat nipple, 5 1/2" rotation packer, 5 1/2" T.A.C., ND BOP and attempted to set TAC. Worked 1 1/2 hrs and TAC would not set. Flange up wellhead. Left well open to tanks on 32/64 choke and shut down for Sunday; Est Daily Comp \$11,059

03-15-10 Owu,50# csg, 50@ tbg. Ru Kt,pumped 15 bbl's 10# dn csg,15 bbl's dn tbg, pulled 20 jt's, tried to set tac,would not set. Pooh w/tbg. Tac was locked up {sand}. C/o tac+ rotation pkr, tih. Nd. Bop,set tac {16 pt's}. Nuwh,sd.; Est Daily Comp \$11,110
Est Drlg \$1,295,424; Est Comp \$352,992; Est Tot \$1,648,416

03-16-10 Owu,tbg 100#,ru kt,pumped 10 bbl's 10# dn tbg. Tih w/ 2-1/2X11/2X30' pump, 1-11/2 wb, shear-tool{26K},7-11/2 wb,82-3/4 tenaris,127-7/8 tenaris,150-1.25

FG.1-9'-1.25 sub. Spaced out,h/o.Ld. Tbg. Well pumped. Left well dn,bridle too long.Rd,unit; Est Daily Comp \$64,909
 Est Drlg \$1,295,424; Est Comp \$400,742; Est Tot \$1,696,166

03-18-10 Pmpd 85 BO + 105 BW + 100 MCF in 20 hrs; BLW 2992; BLWR 875 (29%); BLWTR 2117

03-19-10 Pmpd 140 BO + 126 BW + 129 MCF

03-20-10 Pmpd 123 BO + 130 BW + 227 MCF

03-21-10 Pmpd 209 BO + 141 BW + 252 MCF; BLW 2992; BLWR 1272 (43%); BLWTR 1720

03-22-10 Pmpd 300 BO + 128 BW + 257 MCF; BLW 2992; BLWR 1400 (47%); BLWTR 1592

03-23-10 Pmpd 200 BO + 110 BW + 290 MCF; BLW 2992; BLWR 1510 (49%); BLWTR 1482

03-24-10 Pmpd 160 BO + 132 BW + 354 MCF; BLW 2992; BLWR 1642 (54%); BLWTR 1350

03-25-10 Pmpd 100 BO + 90 BW + 381 MCF; BLW 2992; BLWR 1732 (58%); BLWTR 1260

03-26-10 Pmpd 160 BO + 91 BW + 301 MCF; BLW 2992; BLWR 1892 (63%); BLWTR 1100

03-27-10 Dwn 24 hrs NPA; pmp stuck.

03-28-10 Dwn 24 hrs NPA

03-29-10 RU Axsys WS; pump stuck, jarred on pump, sheared shear tool; POH w/rod's, 1-1-1/2 WB, 2-1/2- 1/1/2X 30 pump left in hole; ND WH; NU BOP; attmpt to release TAC; stuck; pmpd 60 Bbls 10# dwn csg; CWI; SION; EDWC \$5300.

03-30-10 Owu,tbg 0,csg 100#.Ru Craft W.L.Tih w/free-point,tagged @ 11129'.Tbg free @ 11,095.Poh w/ wireline.Tih w/ 2-1/16 chem cutter,cut tbg @ 11069',poh,rdwl.Poh w/339 jt's[left 1 jt+25' in hole.]Tih w/4-5/8 overshot,bumper sub,3-3/4 jar's, 4- 3-1/2 drill collar's+259 jt's 2-7/8 L-80 tbg. Cwi,sd.; Est Comp \$10,825
 Est Drlg \$1,295,424; Est Comp \$416,867; Est Tot \$1,712,291

03-31-10 OWU; tbg – 0, csg – 100#; fin TIH w/80 jts; tg fish @ 11,159'; latched onto fish; start jarring; jarred loose in 2 hrs; POOH w/tbg & tools; TAC has approx 7' sd above it; TIH w/328 jts; CWI SD.; Est Daily Comp \$5875
 Est Drlg \$1,295,424; Est Comp \$422,742; Est Tot \$1,718,166

04-01-10 Owu,finish tih w/tbg,tag fill @11366[114' fill].63' perf's covered.Poh w/tbg. Tih w/bailer,c/o to pbtd[11480].Poh w/tbg+ bailer.Cwi,sd; Est Daily Comp \$7375

04-02-10 Owu,pu 2-7/8X5-1/2 tac,2-7/8X5-1/2 rotation pkr,2-3/8 gas separator,2-7/8 sn+ 339 jt's 2-7/8 L-80 tbg,Nd. Bop,tried to set tac,would not set,Nu.bop,pulled 30 jt's,tried to set,would not set.Pulled 126 jt's,cwi,sd. Wind; Est Daily Comp \$4400

04-05-10 Owu,finish tooh w/tbg.Tac locked up[sand]. C/O tac,tih w/tbg.Nd.Bop,set tac[20 pt's].Nuwh,tih w/ 2-1/2 X 1-1/2 X 30' pump,1-1-1/2 Wb, 26K shear-tool,7-11/2 wb,82-3/4,127-7/8,148- 1.250 FG.Spaced-out,h/o.Ld tbg[9 bbl's] Well pumped,rd unit. 73"spacing; Est Daily Comp \$7050
 Est Drlg \$1,295,424; Est Comp \$441,567; Est Tot \$1,736,991

04-06-10 Pmpd 80 BO + 108 BW + 0 MCF (vent) ; BLW 2992; BLWR 2000 (67%); BLWTR 992

04-07-10 Pmpd 202 BO + 70 BW + 0 MCF (vent); BLW 2992; BLWR 2070 (69%); BLWTR 922

04-08-10 Pmpd 154 BO + 80 BW + 20 MCF (vent) in 12 hrs; HLP; BLW 2992; BLWR 2150 (72%); BLWTR 842

04-12-10 Pmpd 130 BO + 100 BW + 257 MCF; BLW 2992; BLWR 2250 (75%); BLWTR 742

04-13-10 Pmpd 132 BO + 85 BW + 281 MCF; BLW 2992; BLWR 2335 (78%); BLWTR 657

04-14-10 Pmpd 130 BO + 77 BW + 319 MCF; BLW 2992; BLWR 2412 (81%); BLWTR 580

04-15-10 Pmpd 133 BO + 80 BW + 330 MCF; BLW 2992; BLWR 2492 (83%); BLWTR 500

04-16-10 Pmpd 125 BO + 84 BW + 348 MCF

04-17-10 Pmpd 100 BO + 78 BW + 299 MCF

04-18-10	Pmpd 66 BO + 51 BW + 244 MCF; BLW 2992; BLWR 2705 (90%); BLWTR 287
04-19-10	Pmpd 71 BO + 60 BW + 238 MCF; BLW 2992; BLWR 2765 (92%); BLWTR 227
04-20-10	Pmpd 80 BO + 71 BW + 219 MCF; BLW 2992; BLWR 2836 (95%); BLWTR 156
04-21-10	Pmpd 108 BO + 52 BW + 200 MCF; BLW 2992; BLWR 2888 (96%); BLWTR 104
04-22-10	Pmpd 160 BO + 55 BW + 205 MCF; BLW 2992; BLWR 2943 (98%); BLWTR 49
04-23-10	Pmpd 86 BO + 61 BW + 175 MCF
04-24-10	Pmpd 81 BO + 74 BW + 173 MCF
04-25-10	Pmpd 98 BO + 68 BW + 179 MCF; All wtr recd
04-26-10	Pmpd 72 BO + 54 BW + 168 MCF
04-28-10	Pmpd 79 BO + 51 BW + 153 MCF
04-29-10	Pmpd 78 BO + 35 BW + 150 MCF
04-30-10	Pmpd 77 BO + 36 BW + 147 MCF
05-01-10	Pmpd 80 BO + 30 BW + 140 MCF
05-02-10	Pmpd 85 BO + 30 BW + 134 MCF
05-03-10	Pmpd 80 BO + 30 BW + 131 MCF
05-04-10	Pmpd 84 BO + 36 BW + 134 MCF
05-05-10	Pmpd 85 BO + 32 BW + 135 MCF; FL = 74' BOP; PIP = 92 PSIG
05-06-10	Pmpd 99 BO + 30 BW + 130 MCF
05-07-10	Pmpd 81 BO + 59 BW + 56 MCF
05-08-10	Pmpd 103 BO + 30 BW + 86 MCF
05-09-10	Pmpd 83 BO + 30 BW + 130 MCF
05-10-10	Pmpd 76 BO + 29 BW + 128 MCF
05-11-10	Pmpd 85 BO + 38 BW + 129 MCF
05-12-10	Pmpd 87 BO + 33 BW + 135 MCF