

UNITED STATES
DEPARTMENT OF INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICE AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use "APPLICATION TO DRILL" for permit for such proposals

2005 OCT 6 PM 12 28

SUBMIT IN TRIPPLICATE

RECEIVED

070 FARMINGTON

1. Type of Well
Oil Well Gas Well ☒ Other

2. Name of Operator
WILLIAMS PRODUCTION COMPANY

3. Address and Telephone No.
PO BOX 3102 MS 25-2, TULSA, OK 74101 (918) 573-6254

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1895' FSL & 1885' FWL, NE/4 SW/4 SEC 17-T31N-R06W

5. Lease Designation and Serial No.
SF-078766

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
ROSA UNIT #139B

9. API Well No.
30-045-31137

10. Field and Pool, or Exploratory Area
BLANCO MV/BASIN DK

11. County or Parish, State
SAN JUAN, NM

CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

Notice of Intent
☒ Subsequent Report
Final Abandonment

TYPE OF ACTION

Abandonment
Recompletion
Plugging Back
Casing Repair
Altering Casing
Other Completion

Change of Plans
New Construction
Non-Routine Fracturing
Water Shut-Off
Conversion to Injection
Dispose Water
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

02-07-2005 Load out equip, clean up loc, road rig to the Rosa #139B (dozer assisted), spot in equip, pad & rig, NDWH, NU BOP's, drain up.

02-08-2005 RU rig & equip, NU & finish blooie line, wait on & spot in 1st float w/DC's & 1/2 of workstring, tally & caliper DC's & tools, 2nd load arrived @ 1745 hrs, float had slid off road, handling tools for DC's on 2nd load.

02-09-2005 Tally, PU & TIH w/4 3/4" bit, BS, 14 3 1/2" DC's & 183 jt(s) 2 7/8" N-80 tbg to 6280', work on tongs & slips numerous times during trip, tie back on single line, cont to tally PU & TIH w/bit & 231 jt(s) 2 7/8" tbg, stack out @ 7813', drain up, secure well for night.

02-10-2005 RU power swivel, pump & pit, break circ w/fw. Press test csg & BOP's to 2000 psi & held. Tag soft cmt @ 7813', attempt to start drlg, 2.5 swivel didn't have enough power to turn work string in deviated hole, RD swivel. Round up & wait on 3.5 power swivel from town. RU 3.5 power swivel, break circ w/fw. DO 104' of soft cmt from 7813' to 7917', DO 25' of hard cmt from 7917' to 7942' (ft clr). Drill on ft clr @ 7942', circ clean, PU bit to 7920', SDFN. Drain pumps & lines.

Continued on Back

14. I hereby certify that the foregoing is true and correct

Signed

Tracy Ross

Tracy Ross

Title Sr. Production Analyst

Date October 4, 2006

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOCD

ACCEPTED FOR RECORD

OCT 12 2006

FARMINGTON FIELD OFFICE
BY IL Salveas

02-11-2005 Break circ w/fw, DO flt clr, shoe jt & shoe to 7981' & stop making hole, circ hole clean, hang 3.5 swivel back, c/o elevators, re-level rig, TOO H w/80 stds to 2900', had to pull 26m over string weight to move pipe, RU swivel, unload well w/air only f/2900', drain pumps & lines, SDFN.

02-14-2005 TOO H w/bit, tally & caliper tools, attempt to make up air hammer, wrong c/o, wait on c/o from town, MU tools, surface test air hammer, stage in w/ 4 3/4" bit & air hammer, unload well air only @ 4000', 6000' & 7981', blow dry w/air only, PU bit to 7950', drain pumps & lines, secure well for night, help spot in N2 pkg.

02-15-2005 RU 3.5 power swivel, PU jt 237, ready to drill, Weatherford's N2 pkg wouldn't start, call for another unit, tally remaining pipe, service equip, secure well for night, N2 unit not on loc yet.

02-16-2005 Blow csg dry w/ N2 only, hammer drill 4 3/4" hole f/ 7981' to 8014', hole got wet & sticky, pump 5 gal soap & 10 gal wtr sweep, work pipe up & down, drlg f/ 8014' to 8133', drill 5' at a time, torque up & work pipe free, unload & take another bite, torque to turn pipe in deviated hole @ 2700 ft-lbs, max torque on 2 7/8" N-80=2880 ft-lbs, blow well w/N2 & work pipe to unload cuttings, rotate out laying down w/ 3 jts & drop work string 90', pulled threads on saver sub on swivel, drain up, SDFN.

02-17-2005 C/O saver sub on power swivel, MU tools. PU 4 jts & TIH w/overshot, tag/engage fish @ 90', POOH to fish, break out & load out tools. Hang swivel back, c/o to pull tbg. TOO H w/54 stds to bent jts. POOH laying down w/136 bent jts, bottom jt parted @ x-over, top of fish @ 7697' as follows bottom up: air hammer, 14 3 1/2" DC's & X-over. Stack bent pipe as good as possible, drain up, SION.

02-18-2005 RU rig on 2 lines, TIH open ended w/54 stds. POOH laying down w/108 jts 2 7/8" N-80 tbg. Secure well for weekend, service equip, SDFN.

02-21-2005 thru 03-01-2005 Standby, waiting on road conditions to get better.

03-02-2005 Move out workstring, spot in cat walk & racks, off load drill pipe, c/o drill line.

03-03-2005 Cut new DL, strg rig up on 6 lines, spot in floats w/DP, loc to tight to set up cat walk & pipe racks, trans DP & DC's from pipe basket to floats, tally/caliper & stand back six 3 1/2" DC's, continue to transfer DP to floats, SDFN.

03-04-2005 Tally/caliper & make up tools, tally & PU 2 7/8" AOH DP, TIH w/mill & jarring assembly as follows: 4 3/4" OD x 3 1/2" ID mill shoe, XO, overshot w/3 1/2" grapple, extension, XO, bumper sub, jars, seven 3 1/2" DC's, accelerator & XO, cont to tally PU & TIH w/DP, tie back on single line, tally PU & cont in w/BHA to 6432' (197 jts total), stab TIW valve, secure well, drain air lines, SDFN.

03-07-2005

Recap: Tally & PU 2 7/8" DP, cont in w/mill-jarring assembly, tag fish top @ 7697', pull 40,000 lbs over string weight to start moving pipe in deviated hole, RU power swivel, c/o saver sub, break circ w/12 bph a/s mist, attempt to mill over fish top, torque up & stall swivel out w/3600 psi, PU off of fish, work & attempt to turn swivel w/same results, LD 1 jt, hang swivel back, TOO H w/60 strands, RU on 2 lines, TOO H w/mill shoe, LD shoe & extension, MU 3 3/4" overshot, TIH w/jarring assembly, 7 DC's & 1 jt DP, stab TIW, drain up, SDFN.

03-08-2005 TIH w/70 stands. String rig up on single line. Continue in w/overshot to top of fish @ 7697'. RU power swivel, PU 1 jt DP. Engage fish, work stuck pipe, set jars off 80 times +/- & start moving up hole, LD 1st jt @ 1330 hrs, work & LD 2nd jt @ 1445 hrs, 3rd jt @ 1500 hrs, 4th jt @ 1515 hrs. Hang swivel back, c/o elevators, RU manual tongs. TOO H w/60 stands. Stab TIW, drain up, SDFN.

03-09-2005 RU rig on 2 lines, TOO H to tools. LD tools, LD fish as follows: 14 3 1/2" DC's & top sub of air hammer, left air hammer in hole. SI & secure well for night, service equipment. SDFN.

03-10-2005 MU tools, TIH w/60 stands, RU rig on single line, C/O weight indicator, cont in w/mill shoe & jarring assembly to 7690', tally, PU & continue in, start taking weight @ 8048'. RU power swivel, break circ w/12 bph AS /FR mist. CO from 8048'-8060' & hole got sticky. LD 1 jt & hang up, work stuck pipe, pump 30 bbls down backside. PU 1 jt & work BHA to 8079', work pipe LD 3 jts & free up. Pull up inside csg, drain up, SDFN.

03-11-2005 Attempt to break circ w/ 12 bph a/s/ FR mist, pres went to 1500 psi, take rig pump to 2000 psi, plugged solid, hang swivel back, C/O elevators, TOO H w/ tools, tools clear must have flushed out tripping, MU tools, TIH w/ 4 3/4" bit to 7009', SI & secure well for weekend, drain up, SDFWE.

03-14-2005 Unload well f/ 7009' w/ air only, cont in w/ bit to 7983', shoe @ 7980', C/O stripper rubber, RU power swivel, unload well f/ 7983', break circ w/ 12 bph a/s mist, CO to 8000', hole got sticky & stuck pipe, work stuck pipe free, LD 1 jt, work pipe inside csg, run three 6 bbl sweeps, hang swivel back, C/O elevators, TOO H w/ 60 stds, stab TIW, drain pumps & lines, SDFN.

03-15-2005 TOO H to DC's, LD DC's & tools, TIH w/ 1/2 mule shoe & 5 jts 2 3/8" tbg to 7980', RU power swivel, break circ w/ air only, CO to 8060' w/ air only, LD 3 jts & PU inside csg, stab TIW, drain pumps & lines, SDFN.

03-16-2005 Circulate & CO to 8012', circ & CO to 8030', could not get any deeper, due to losing returns, tried with different mist rates, with no success, pulled up to 7980', BJ on loc, RU BJ loaded hole & circulated w/ water to 8012', pumped 10 bbl fresh water spacer, pumped 50 sx, class H neat cmt mixed @ 15.8 PPG @ 4 BPM @ 1300 psi, displaced w/ 44 bbl water, POOH w/ 21 jts tbg, reverse circulate w/ 100 bbl fluid, no cmt to pit, pumped 4 bbls & caught fluid, pressure to 200 psi, SD & pressure dropped to 0 psi, SD & rig down BJ, shut well in.

03-17-2005 RIH to tag for cmt, tagged TOC @ 7351', POOH w/ 236 jts of 2 7/8" tbg, stand in derrick, POOH & LD in singles, 9 jts of 2 7/8" tbg filled w/ cmt, below that 4 jts of 2 7/8" tbg w/ no cmt (clean), below that 4 jts of 2 7/8" w/ no cmt, 2 3/8" tbg was parted, tbg left in hole, mule shoe, 1 jt & 4.40' stick up (total 36.25'), drain up, SD.

03-18-2005 Tally, MU 4 3/4" tooth bit, bit-sub on 2 7/8" DP, TIH w/10 stds, establish rev circulation to insure bit & tool string clear, took 35 bbls to circulate, continue TIH w/106 stds to tag cmt @ 7350', tied back rig to single line on trip in, had tong problem on this trip. RU 3 1/2" power swivel, tally & PU singles, DO green cmt from 7350' to 7414', circulate hole clean. LD 4 singles, left bit @ 7289', drain up equipment, secure well, SD for weekend

03-19-2005 Drain up equipment, secure well, SD for weekend.

03-21-2005 RIH with 4 jts to 7414', RU power swivel & break circulation. Tagged cement @ 7414', circulate and drill cmt to 7852'. Drill out cmt @ 7852', continue to circulate & clean cmt stringers to csg shoe @ 7980', circulate clean. RD power swivel, POOH w/ 2 jts, install TIW, SWI, drain equipment.

03-22-2005 POOH with 80 stds of 2 7/8" DP. SWI, drain all equipment, SDFN.

03-23-2005 Continue to POOH with 2 7/8" AOH with 4 3/4" bit and subs. PU 4 1/2" Knight Advantage whip stock, RIH with 50 stds of 2 7/8" AOH and torque each connection to 5000 ft/lb. SD due to high winds. Fill rig tank with water. RU return lines. Continued to RIH with 2 7/8" AOH, ran 24 stds and had to SD due to windy weather. Drain equipment, SDFN.

03-24-2005 Continue to RIH with 2 7/8" AOH w/ 4 1/2" Knight Advantage whipstock, RU power swivel, on depth w/ whipstock, RU BJ to circ w/ water, pump was not pumping proper rate, tried to pressure test w/ pump, could not get good test, (valves on pump wore out), continued to work on pump no luck, scheduled replacement pump truck for tomorrow AM, LD jt w/ swivel, installed TIW valve, drain all equipment, SD.

03-25-2005 PU 1 jt w/ swivel, on depth w/ whip stock @ 7911', RU BJ pump, establish circ w/ 4 BPM fresh H2O, start milling csg from 7911' to 7913', lost power swivel, replace fuel filter on power swivel & resume operations, cont milling csg from 7913' to 7918' (7' open of 15' necessary), C&C hole w/ 2-5 bbl sweeps, hole stable, circ clean, left mill & 7918', RD BJ pump truck, drain lines & equip, secure well & SLOWE, resume ops Monday 3/28/05.

03-28-2005 Waiting on BJ, replace packing on BJ pump, break circ w/ 4 bph fw, cont milling csg f/ 7,918' to 7,926, top of window @ 7,911', sweep well, circ hole clean, set whip stock, top of slide @ 7,913', bottom of slide @ 7,918', LD 2 jt(s), hang swivel back, TOOH w/ 50 stds, RU on 2 lines, drain up, SDFN.

03-29-2005 Continue out w/ tools to 1,800', unload well f/ 1,800' w/ air only, cont out w/ tools, break out & LD same, tally/caliper & MU tools as follows: bit, BS, mud motor & CO, bit 4 3/4" STX-44C, S/N 5064344, TIH w/ 36 stands, SD, to windy to trip pipe, wait on weather, go ahead & unload well w/ air, drain up, SDFN, to windy to trip pipe.

03-30-2005 Continue TIH w/ 2 7/8" AOH to 4150', unload hole w/ air, cont TIH to 6028', unload hole w/ air, tie back rig to single line, TIH w/ AOH to 7900', LD singles for drill out (whip slide 7913' to 7818'), RU 3.5 power swivel, PU single w/ sw & unload hole w/ air only @ 7915', RU mud logger sample line & depth counter, start drilling @ 7915' w/ 1500 scfm air & 10 bph mist of 2 gal F450 foamer/20 bbls fluid, 2-3K# on bit, fluid returns <10 bph, increased foamer loading to 2 1/2 gal/20 bbls + 1/4 gal polymer, fluid returns increased, drill to 7921', 100% shale, P-rate 3'/hr, cont drilling f/ 7921' to 7926', very hard drilling this 5' section, rotate string w/ swivel & drilled last 2' in 15 min, ran 2 bbl sweep, recip DP to recover sweep, circ good returns following sweep, PU bit to 7894' to install string float, bypass air/mist, pump 5 bbls down DP, ND connection & NU string float, put air/mist back on hole, wash jt back down to 7926', make conn, drilling f/ 7926' to 7930' & start losing circ, press & 1400 psi, LD 2 jts, work pipe, alternate pumping wtr & air until well loaded, circ w/ 6 bph a/s mist, returns lt wtr, circ press didn't drop below 1300 psi, LD 18 jts, attempt to break circ w/ same results, press up to 1300 psi, hang swivel back.

03-31-2005 Crew change, change power tongs dies, install new stripping rubber, TOH, draw works engine getting hot, check engine, add water & antifreeze, finish TOH, LD motor, rerun bit, PU two 3.5" DC's, TIH w/ 2 DC's & 234 jts 2 7/8" DP, crew change, PU 17 jts 2 7/8" AOH DP, bit @ 7913' (top of slide), RU power swivel, break circ w/ 10 bph 2% KCl a/s mist, CO stripper rubber, break circ w/ 10 bph a/s mist, rotate & circ down to 7930', drlg new open hole f/ 7930' to 8007', bit jumping & hanging up, hvy metal shavings in returns (csg cutting f/ whip stock), fell back into the old hole, LD 4 jts, PU bit inside csg, run two 6 bbl soap sweeps.

04-01-2005 TOH, secure loc, SD till Monday AM.

04-05-2005 CO slips & dies, TIH w/ 1/2 mule shoe, co & 252 jts 2 7/8" AOH to 7910', CO stripper rubber, RU power swivel, break circ w/ 10 bph a/s mist, circ/ wash down f/ 7908' to 7952', hole tight & sticky, blow hydraulic hose on power swivel, LD 1 jt, hang swivel back, RU Gyro Data, log well f/ 7939'-surface, RDWL, RU BJ, attempt to load csg w/ fw, pump 250 bbls (86 bbls over capacity) never got returns, PU mule shoe out of open hole, SDFN, mechanic out to work on rig engine.

04-06-2005 Lower DP in open hole to 7939', RU BJ, break circ w/ 30 bbls fw, mix & spot 25 sx type III cmt @ 14.6 ppg, LD 5 jts, rev out clean, LD 1 jt, SDFN.

04-07-2005 CO pipe rams, attempt to press test csg w/ same results, open doors & swap rams, still wouldn't pres test, RD TIW, PU 4 jt(s), tag TOC @ 7876', LD 2 jt(s), TOOH w/ 10 stands, rig engine blowing heavy black smoke.

04-08-2005 TOOH w/mule shoe. RD rig floor, ND & c/o BOP's, c/o rams, RU rig floor, SDFWE, severe wind conditions.

04-11-2005 Tally/caliper & MU tools, TIH w/ 4 3/4" bit, BS, two 3 1/2" DC's, c/o & 249 jts 2 7/8" AOH, tag TOC @ 7881' KB, CO stripper rubber, RU power swivel, break circ w/ fw, pres test csg to 1250 psi & held, DO med to hard cmt from 7881' to 7915', circ clean, LD 1 jt, hang swivel back, TOOH w/ 90 stands, drain pumps & lines, SDFN.

04-12-2005 TOOH w/ bit, LD same, ND swing, blooie line & air manifold, spot in & RU mud pump & pit, build line f/ mud cross to shale shaker, tally/caliper & MU tools, TIH w/ directional tool & survey sub, PU singles to tag cement, clean mud pit, RU lights on pit, mix 200 bbl pit of mud, change stripping rubber, RU Gyro-Data's swivel, displace hole w/ mud, mix a second pit of mud, crew change.

04-13-2005 Mix a second pit of mud, crew change, RU Gyro-Data, orient directional tools, time drilling @ 1' per hour f/ 7915' to 7928', ran out of mud, mix a pit of mud, called for welder to repair pump leaks, attempt to return to drilling, cannot get sufficient pressure from pump, pull pump down & attempt to repair.

04-14-2005 Repair mud pump, press test same to 1500 psi (no leaks), time drilling @ 1 per hr f/ 7928' to 7939', pull Gyro-Data line out of the hole, LD Gyro Data's swivel, PU 3.5 Bowen swivel, rotate drill f/ 7939' to 7990'.

04-15-2005 Rotate drill f/ 7990' to 7998', hang swivel back, RU Gyro-Data, PU swivel, orient directional tools, slide drill f/ 7998' to 8013', pen rate @ 3.5' per hour (33.75 hrs on bit), LD swivel jt, RU power swivel, PU 1 jt, drill f/ 8030' to 8061', drill f/ 8061' to 8114'.

04-16-2005 Drilling f/ 8114' to 8154', 48 hrs on bit, circ bottoms up, hang power swivel back, RU Gyro-Data, RD wire line, TOO H, LD wire line sub, set motor to 0 deg, TIH, fill DP w/ mud each 50 stands, drill f/ 8154' to 8216', topped the Dakota @ 8184'.

04-17-2005 Drilling f/ 8216' to 8255' & start losing circ (13.25 hrs on bit), hang swivel back, PU bit inside csg, mix full pit of mud w/ light LCM per Sperry-Sun hand, TIH w/ bit, RU power swivel, break circ, drilling f/ 8255' to 8430'.

04-18-2005 Drilling f/ 8430' to 8442' (TD), circ hole clean, hang swivel back, LD 20 jts 2 7/8" AOH, TOO H to motor, break out & LD tools, CO to run 3 1/2" liner, tally csg, PU & MU 3 1/2" liner as follows: shoe, 10' shoe jt, FC, 19 jts 3 1/2" 9.3# J-55 yellow band tbg, TIW 4" x 5 1/2" L-pkr hanger, TIH w/ 3 1/2" liner, hang liner 2' off bottom @ 8440', release setting tool from hanger, ran LA set shoe on bottom, 10' shoe jt, float collar, 19 jt(s) 3 1/2" 9.3 ppf, J-55, EUE, crossover sub, and L-pkr/J hanger, liner set @ 8440', TOL @ 7833' w/ 82' of overlap, BJ Services cemented w/ 10 bbl gel water ahead, 50 sx (107 cu ft) premium lite high strength FM cement w/ .1% R-3, .5% XLFC-5, 1.75% pheno seal, .27% CD-32, .87% FL-52 and 3% CSE, cement weight-12.3 ppg, pumped 19 bbl cement slurry, SD washed pump & lines, drop plug, pumped 35 bbl displacement, calculated displacement was 40 bbl, displacement pressure increased to 2200 psi, returns were decreasing, slowed pump rate, returns reduced to no returns, SD displacement w/ 35 bbl away, left 5 bbl cement in liner, filling the liner, work setting tool out of liner, acted like setting tool was stuck, rotate many times to release & work pipe, finally acted like setting tool pulled out of liner or liner was coming up hole w/ DP, pulled 20' & tried to reverse circ, casing would pressure up to 1000 psi, no returns, LD swivel, LD 10 jts on float, TOH, recovered liner setting tool, DP was not plugged, secure loc, SD.

04-21-2005 MU tools, TIH w/ 4 3/4" bit, tag cement @ 7821', CO stripper rubber, RU power swivel, attempt to break circ w/ mud pump, wouldn't start, swap over to rig pump, break circ, DO cement f/ 7821' to 7834' (TOL), circ clean, hang power swivel back, TOO H standing back w/ 100 stds on drillers off side, LD 10 jts on float, drain up, SDFN.

04-22-2005 Continue LD w/ 2 7/8" AOH, move out floats, swivel & pump, RD rig floor, spot in & RU coil tbg unit, SDFN.

04-23-2005 RIH w/ 2.70 blade bit, 2 1/8 BIP motor, tag LT @ 7834', break circ w/ fw, drill out 3' of cement through LT, circ down to 8116' mill on wiper plug to 8121', motor kept stalling, cycled tbg 28 times, POOH w/ blade to inspect, LD same, MU 2.75 mill, RIH w/ 2.75 mill, circ down to 8121', drilling @ 8121', not making any hole, motor keeps stalling out, cycled tbg 12 times, POOH w/ 2.75 mill, break off & inspect mill, slight wear on blade points, none on middle of mill, cut coil tbg & rehead, SDFN.

04-24-2005 MU tools, RIH w/ 2.50 mill, tag 3' of fill @ 8118', mill out from 8118' to 8170', make 2 sweep runs from 7830' to 8170', TOO H w/ mill, SDFN.

04-25-2005 MU tools, RIH w/ 2.50 blade bit to 8170', DO cement f/ 8170' to FC @ 8431', make sweep run f/ 7830' to 8431', POOH w/ 2.50 blade bit, MU tools, RIH w/ 2.75 tapered mill to 8118', work mill thru tight spot @ 8121', CO to 8431' (PBTD), POOH, load w/ 2% kcl on the way out, break & load out tools, blow coil tbg dry w/ N2, SDFN.

04-26-2005 RD coil tech, chain up trucks, RU Black Warrior WL, RIH to 7960', 2 3/4 log tool wouldn't go past 7960', POOH to change tools to shorter tool, RIH, still tagging @ 7960', good cement bond in 3 1/2" liner f/ 7960' to TOL, run CBL from TOL @ 7834'-surface, TOC @ 1750', RD BWWC, SI & secure well for night.

04-27-2005 RU Computalog run PND log, f/ 8420' to 3070' made two runs, run CBL/CCL f/ 8420'-TOL @ 7834' good cement bond behind liner, RD WL, load out LCM, mud & gel, load out mud pit & send to town, SDFN.

04-28-2005 RU Antelopes pressure unit, load csg, pres test csg/BOP's to 5000 psi & held for 30 min, RU flow back manifold, pres test same to 4000 psi & held, clean up loc, ready to frac, SDFWE.

05-02-2005 RU Black Warrior WL, Perf DK bttm up 3 SPF W/2.50" RTG's, .34" dia, 24.68 pen & 11 grm chgs @ 8186', 8206', 09', 12', 16', 18', 45', 48', 51', 54', 57', 69', 84', 88', 93', 8313', 15', 18', 25', 29', 33' & 37', made 3 runs all shots fired (66 holes total). NU tree saver, RU BJ Services. Break down DK perfs on 2% KCl @ 3120 psi, est inj rate of 13 bpm & 2300 psi, ISIP = 1620 psi, acdz DK w/750 gals 15% HCl acid & 100 Bio-Balls @ 13 bpm, ball off @ 6000 psi. Let Bio-Balls dissolve, cool down N2. Frac DK interval w/60,000 lbs 20/40 Carbolite @ 1.2,3,& 4 ppg sand carried in a 60Q Lightning 22 cross link gel, MTP = 5540 psi, ATP = 4500 psi, AIR = 35 bpm, ISIP = 5520 psi, 5 min = 5550 psi, 10 min = 5600 psi, 15 min = 5670 psi, Total FW = 468 bbls, Total N2 = 903,200 scf, bleed well down to 4800 psi on 1/4" choke. RD BJ, RD tree saver, turn over to flowback. Flow back on 1/8" choke, starting pres @ 4850 psi, ending pres @ 1050 psi, ret's broken gel N2 & trace sand.

05-03-2005 Flow back from 0600 hrs to 2100 hrs: 1/8" choke, starting pres @ 1050 psi, ending pres @ 400 psi, ret's broken gel N2 & lt sand. Flow back from 2100 hrs to 0600 hrs: 1/4" choke, starting pres @ 400 psi, ending @ 100 psi, ret's broken gel N2 & lt sand.

05-04-2005 RU swing, flow cross, stripping head, RU rig floor. Cont to flow well on 2" line. RU blooie line, spot in float w/pipe, MU BHA. RIH w/4 3/4" bit to 6345'. Break circ, 12 BPH A/S mist, run five 6 bbl sweeps, returns hvy frac sand, blow dry air only. Flow natural to get air out of well bore, SWI, SDFN.

05-05-2005 SICP= 1250 psi, blow well down. Break circ w/12 bph a/s mist, run four 6 bbl soap sweeps, sweep clean. TOOH w/ bit. SWI, ND swing & blooie line, RD rig floor. RU BWWC, RIH w/ Weatherford 5 1/2" RBP, set @ 6386'. Four hr SI = 650 psi, blow well down, dump 10 gal of sand while filling hole w/ 2% KCL, SDFN.

05-06-2005 Pres test csg & RBP to 2250 psi w/ rig pump. RU BWWC, Perf PLO w/ 1 SPF, bottoms up under 2000 psi w/ 3 1/8" sfg, 0.34" dia, 24.42" pent & 10 grm chgs @ 5990', 94', 98', 6002', 06', 10', 14', 18', 21', 24', 28', 32', 36', 40', 44', 48', 54', 58', 65', 70', 74', 78', 82', 86', 96', 6100', 04', 08', 18', 22', 30', 36', 40', 44', 60', 63', 66', 72', 79', 83', 92', 95', 6210', 25', 40', 44', 58', 66', 78' & 86', make 2 runs, all shots fired, (50 total). RU BJ services, pres test lines to 4500 psi. Breakdown PLO @ 1040 psi, est inj rate of 30 bpm @ 1070 psi, ISIP = vac. Acdz PLO w/1000 gals 15% HCl acid & 75 bio-balls, ball off @ 2900 psi. Let bio-balls dissolve. Frac PLO w/ 9920# LiteProp 125 @ 0.1, 0.2 & 0.3 ppg, tailed in w/5280# 20/40 Brown sand carried in slickwater. ISIP = vac, MIR= 90 bpm, AIR= 85 bpm, MTP= 3450 psi, ATP= 3180 psi, total fw= 2151 bbls, total FRW= 124 gals. WL set 5 1/2" RBP @ 5950'. Pres test csg to 3600 psi & held. Perf CH/Men 1 SPF bttm up under 2000 psi w/3 1/8" SFG, 0.34" dia, 24.42" pent & 10 grm chgs @ 5378', 88', 5408', 16', 27', 47', 50', 61', 68', 95', 98', 5517', 25', 35', 58', 73', 5634', 44', 47', 80', 92', 97', 5701', 04', 25', 29', 32', 36', 40', 44', 48', 52', 55', 58', 61', 75', 78', 81', 86', 89', 92', 5828', 33', 36', 50', 54', 74', 78', 80', 82', 5908', 10' & 12', make 2 runs, all shots fired (53 total). Breakdown CH/Men @ 1730 psi, est inj rate of 30 bpm @ 1930 psi, ISIP= 290 psi. Acdz CH/Men w/1000 gals 15% hcl acid & 75 Bio-balls, good action, no ball off. Let bio-balls dissolve. Frac CH/Men w/9840# LiteProp 125 @ 0.1, 0.2 & 0.3 ppg sand, tailed in w/4100 lbs 20/40 Brown sand @ 1 ppg carried in slickwater, ISIP= 230 psi, MIR= 90 bpm, AIR= 89 bpm, MTP= 3225 psi, ATP= 3100 psi, total fw= 2053 bbls, total FRW= 87 gals. RDBJ, SI & secure well for night

05-07-2005 NU swing & blooie line, NU stripper head, RU rig floor. Tally/caliper & MU tools. Stage in w/grapple to 5340', unload well w/air only every 2500'. Blow well w/air only from 5340', put Yellow dog on line, turn over to flow back, flow natural & evaporate pit.

05-08-2005 Flow natural w/15'- 20' flare, evaporate pit.

05-09-2005 Continue in w/overshot to 5903', tag 48' of fill. RU swivel, break circ w/10 bph a/s mist. CO to RBP @ 5950', run three 6 bbl sweeps. Latch onto RBP, let well equalize. TOOH w/ RBP, had to kill well 3 times @ 40 bbls each, pres under plug kept setting slips. ND stripper head, NU rector head w/blank, open well & flow natural, well unloading hvy wtr on own, turn over to flowback, flow natural & evaporate pit.

05-10-2005 TIH to 6340', no fill. Circ hole clean @ 6340', Pump 3, 5 bbl sweeps, Med water, Lt sand in returns. Set back circ swivel, pull overshot to 5950'. Light flare, flow naturally, start yellow dog & evaporate water, turn over to flow back.

05-11-2005 TIH to 6277' tag 109' of fill. RU, circ swivel & wash on to RBP @ 6386', pump 3-5 bbl sweeps, lt sand in returns. Latch RBP & and pull free, RD swivel. TOH W/ overshot & RBP. Break out tools & layout same. TIH W/ 200 jts. Flow naturally, light flare, put yellow dog on line & evaporate, turn over to flow back.

05-12-2005 TOOH, LD 2 7/8" DP, move first float w/ pipe. Wait on trucks to move out & spot in floats for laying out pipe. Cont TOH, LD 2 7/8" DP. Swap floats w/ 2 7/8" w/ 2 1/16" tbg, SWI, SDFN.

05-13-2005 Change out stripping head, change BOP rams to 2 1/16, swap out elevators, remove thread protectors & tally pipe, open blinds & bleed well down. MU float & mule shoe, install 2 1/16 stripper rubber. PU 2 1/16 pipe & TIH. Tag sand on jt 258 @ 8275'. RU circ swivel, pump 10 bbl/ hr A/S mist, wash sand down to 8385' pump 3-5 bbl sweeps & clean liner, light water & med to heavy sand in returns. TOH 10 stds, 3 jts above TOL, flow well natural, light the flare & evaporate pit, turn over to flow back, SDFN.

05-14-2005 Flow natural & evaporate pit.

05-15-2005 Flow natural & evaporate pit.

05-16-2005 TIH & tag fill @ 8380' made 5' of fill over weekend. RU swivel, break circ w/10 bph a/s mist. CO f/8380'- 8431' (PBD), run two 6 bbl sweeps, hang swivel back. Tally out w/261 jts 2 1/16" tbg. ND stripper head, install blank in blooie line, RU Black Warrior WL. WL set Weatherford 5 1/2" Model D pkr @ 6400', RD BWWC. NU stripper head, remove blooie line blank, MU BHA. TIH w/longstring, tong & elevator problems, repair same & continue in. Tag, space out & land LS in pkr as follows: mule shoe, 1 jt 2 1/16 J-55 10rd IJ tbg, 1.50" SN w/pump out plug, 57 jts 2 1/16 tbg, SBA, 197 jts 2 1/16" tbg, 6' 8' 10' pup jts & landing jt, (256 jts total) landed @ 8278' kb, 1.50" SN @ 8244' kb, SI & secure well for night.

05-17-2005 SICP = 650 psi, blow well down, ND stripper head, NU offset spool & stripper head, C/O rams to offset, tally top row. Tally, PU & TIH w/2 1/16" tbg (short string). Tally, PU & continue in w/short string, land SS @ 6258' kb as follows : perf sub, 1 jt 2 1/16 3.25# J-55 10rd tbg, 1.50" S/N w/pump out plug & 192 jts 2 1/16" tbg, (193 jts total) S/N @ 6219' kb. RD rig floor, ND stripper head, off set spool & swing, NDBOP's, NUWH, pres test same to 3000 psi & held. Pump out long string plug @ 1300 psi, PO short string @ 700 psi, flow both zones back to solid gas. SI & secure well for night, SDFN

05-18-2005 Dakota SITP = 1040 psi, MV SITP = 650 psi, turn well to production department. Release rig @ 1230 hrs, 5/18/05.