

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

5. Lease Designation and Serial No.

SF-078764

6. If Indian, Allottee or Tribe Name

RECEIVED

070 FARMINGTON NM

7. If Unit or CA, Agreement Designation

SUBMIT IN TRIPLICATE

1. Type of Well
Oil Well ☒ Gas Well ☐ Other ☐

8. Well Name and No.
ROSA UNIT #233A

2. Name of Operator
WILLIAMS PRODUCTION COMPANY

9. API Well No.
30-039-29501

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

10. Field and Pool, or Exploratory Area
BASIN FRUITLAND COAL

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1920' FSL & 1530' FEL, NW/4 SE/4 SEC 30-T31N-R05W

11. County or Parish, State
RIO ARRIBA, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION
Notice of Intent	Abandonment
X Subsequent Report	Recompletion
Final Abandonment	Plugging Back
	Casing Repair
	Altering Casing
	Other <u>Completion Operations</u>
	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.)*

06-09-2005 MIRU

06-10-2005 Complete MIRU. NDWH & NU 5000# BOP's, SD for weekend.

06-12-2005 Put HCR stack together & NU, NU top BOP's, wait on bolts to NU stripper head, NU blooie lines to burn pit. RU pump pit & manifold, could not rig up floor until a welder puts a higher bracket on the rig to mount the floor to, SDFN.

06-13-2005 Help welder build extensions for rig floor, finish building manifold for air package & rig pit, CO rams in upper & lower BOP's. SDFN.

06-14-2005 PU 6 1/4" bit, BS & 8 4 1/8" spiral down DC's. Pull DP out of basket, tally, rabbit & TIH w/ 90 jts DP, SDFN.

06-15-2005 RU 3.5" power swivel. Break circ w/ rig pump, tag cement @ 3087', DO 10' of soft cmt & float collar, DO 46' of cmt to 3145', circulate well clean. LD one jt DP, tie back to single line, PU 1 jt DP, ready for mud logger in the A.M. SDFN.

Continued on Back

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

Signed Tracy Ross
Tracy Ross

Title Sr. Production Analyst

Date February 21, 2006

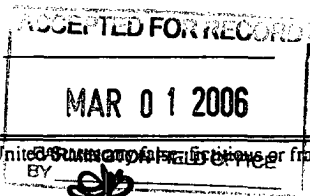
(This space for Federal or State office use)

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

06-16-2005 RU mud loggers. Break circ w/ rig pump, DO w/ 3.5 power swivel & 6.25" bit, 104' of formation from 3136' to 3240', SD before getting to bottom coal. Circulate bottoms up, SDFN.

06-17-2005 Break circ w/ rig pump, DO 91' of open hole f/ 3240' to 3331'. Circulate well clean, LD 6 jts DP & get bit up into csg.

06-18-2005 TOOH w/ 6 1/4" bit, left cones down hole, call engineer & wait on orders, change over to under ream Monday am, SDFN.

06-20-2005 SICP = 0 psi. MU tools, TIH w/ 6" x 9.5" Baker under reamer to 3150'. Tie back to single line & RU 3.5 power swivel. Unload wtr off well w/ air only, break circ w/ 15 bph a/s mist. Open arms @ 3150' & UR to 3322'. SO mist pump & blow well dry, LD 6 jts 2 7/8" DP, pull Baker UR up into 7" csg, SDFN.

06-21-2005 Check csg psi w/ 60 lb gauge & was TLTM. RD 3.5 power swivel. TOOH w/ Baker UR, break out & load out tools. PU bit & one DC, RU power swivel & prepare to surge f/ surface. Energize surge f/ surface six times @ 800 psi & 10 bph a/s mist, rets no coal & light gray wtr on 1st three surges, trace coal & light gray wtr on last 2 surges, let well soak for 1 1/2 hrs on last surge.

06-22-2005 NF well after 1 1/2 hr SI, rets trace coal & lt gray wtr. Surge well f/ surface @ 800 psi w/ 10 bph a/s mist, rets no coal & lt gray wtr, NF for 1 hr. SI for 4 hr natural, 15 min = 10 psi, 30 min = 30 psi, 45 min = 40 psi, 1 hr SI = 65 psi. SICP = 130 psi. SU rig & equip, hold safety mtg, Nat surge f/ surface, rets no coal & very lt wtr, NF 30 min. MU 6 1/4" bit & BS, TIH w/ eight 4 3/4" DC's & 93 jts 2 7/8" DP, set bit @ shoe. RU power swivel, PU 5 jts DP & tag fill @ 3315'. Unload wtr off well, blow well dry, LD 5 jts DP. Surge f/ shoe w/ one 5 bbl pad & 10 bpm a/s mist, pressure to 900 psi & SI for 1 hr, rets trace coal & lt gray wtr. Pressure f/ shoe @ 900 psi w/ one 5bbl pad @ start & one @ 400 psi & 10 bph a/s mist, SI for 1 1/2 hr, surge well, rets trace coal & lt wtr, NF 1 hr. Pressure f/ shoe @ 900 psi w/ one 5 bbl pad @ start & 10 bph a/s mist, SI for 2 hrs, surge well, rets trace coal & lt black wtr, NF well for 1 hr. Pressure well @ 1000 psi w/ one 5 bbl pad @ start & one 5bbl pad @ 500 psi, SI well for 3 hrs.

06-23-2005 Release surge, rets trace coal & lt wtr, NF well for 1 hr. Surge well @ 1000 psi w/ one 5 bbl pad & 10 bph a/s mist, rets trace coal & lt wtr, NF well for 1 hr. SI well for nat build up. SICP = 190 psi. Nat surge, rets no coal & very lt wtr. Pressure well @ 1000 psi w/ one 5 bbl pad @ start & one 5 bbl pad @ 400 psi, SI for 1 1/2 hrs while Sierra shortened up our blooie lines, release surge, rets lt coal & wtr, NF 1 hr. Surge f/ shoe twice @ 1000 psi w/ two 5 bbl pads & 10 bph a/s mist, rets lt coal & lt wtr, NF 1 hr. Surge @ 800 psi w/ one 5 bbl pad & 10 bph a/s mist, SI for 2.5 hrs, rets lt coal & wtr, nat flow for 1 hr. Surge well @ 900 psi w/ one 5 bbl pad @ start, one pad @ 500 psi & 10 bph a/s mist, SI for 2 1/2 hrs, rets lt coal & wtr, nat flow for 1 hr. Surge well @ 1200 psi w/ 10 bph a/s mist, rets lt coal & wtr.

06-24-2005 NF well for 1 hr. Surge well f/ shoe @ 800 psi, w/ 10 bph a/s mist, rets lt coal & wtr, follow surge w/ air only for 1 hr. SI for nat build up. 4 hr SICP = 160 psi. Nat surge well, rets trace coal & very lt wtr, PU DP & tag fill @ 3265', break circ w/ 10 bph a/s mist, C/O 55' of fill f/ 3265' to 3315', circ well clean, run three 4 bbl sweeps, blow well dry. RD power swivel, LD 5 jts DP. TOOH w/ bit & lock same in upper rams. Gauge well on 2" open line, reading is to light to measure. SI for nat surge, 4 hr SI = 175 psi, rets trace coal & med wtr w/ heavy black soap, nat flow for 1 hr. Surge well f/ surface @ 800 psi w/ two 5 bbl pads, @ start & @ 400 psi, rets lt coal & med wtr, nat flow for 1 hr. Surge well f/ surface @ 900 psi w/ 10 bph a/s mist, rets lt coal & lt black wtr.

06-25-2005 NF well for 1 hr, well making med soap & war. Surge f/ surface @ 900 psi w/ 10 bph a/s mist, rets lt coal & med wtr, NF well for 1 hr. SIFNBU, 4 hr SI = 180 psi, rets trace coal, med wtr, flowed gray soap constant. SIFNBU, 4 hr SI = 180 psi, rets same as above, nat flow 1 hr. Surge f/ surface @ 1000 psi w/ two pads & 10 bph a/s mist, rets lt coal & lt wtr, nat flow for 1 hr. Surge @ 1000 psi w/ two pads & 10 bph a/s mist, rets lt coal & wtr, NF 2 hrs due to hvy black soap. Surge @ 1000 psi w/ 10 bph a/s mist, rets lt coal & med wtr, NF 1 hr. Nat surge, 3 hr SI = 175 psi, rets trace coal & lt black wtr, NF 1 hr. Surge @ 900 psi w/ two 5 bbl pads & 10 bpm a/s mist, rets lt 1/8" coal & med wtr.

06-26-2005 Nat flow well for 1 hr. Surge well @ 900 psi w/ two 5 bbl pads & 10 bph a/s mist, rets lt coal & lt wtr, NF 1 hr. SIFNBU 4 hr SI = 200 psi, rets lt coal & med wtr w/ hvy black soap & hvy fines. NF well. Nat surge well, 4 hr SI = 220 psi, rets lt coal & med wtr, NF well for 1 hr. Nat surge, 4 hr SI = 250 psi, rets lt to med coal & med wtr. NF well, well ran hvy black soap w/ hvy fines. Surge well @ 1100 psi w/ two pads & 10 bph a/s mist, rets lt to med coal, 1/8" to 1/4" in size, med wtr, NF well for 1 hr. Surge well @ 1100 psi w/ 10 bph a/s mist, rets med coal & wtr, NF well for 1 hr.

06-27-2005 NF well for 1 hr. Surge well f/ surface @ 1350 psi w/ 10 bph a/s mist, rets med coal & wtr, NF 1 hr. 4 hr SICP = 200 psi. Nat surge, rets lt 1/8" coal & lt wtr appr 10 mins after surge. RD power swivel, TIH w/ bit, BS, eight 4 3/4" collars & 92 jts DP, tag fill @ 3130'. RU power swivel, break circ w/ 12 bph a/s mist. CO 183' of fill f/ 3130' to 3313', rets 1/4" to 3/4" coal, last two jts ran med coal constant, run 4 bbl sweeps every 30 mins the last two hrs. LD 5 jts DP, set bit @ 3158'. Surge f/ shoe @ 800 psi w/ 10 bph a/s mist, rets med coal & wtr w/ thick black soap, nat flow well 1 hr. Surge well @ 1000 psi w/ 10 bph a/s mist, rets lt to med coal 1/4" in size, med wtr w/ hvy soap, nat flow 1 hr. Surge well @ 1200 psi w/ three 5 bbl pads & no a/s mist, rets lt to med coal & med wtr w/ hvy black soap, nat flow 1 hr. Surge well @ 1200 psi w/ three 5 bbl pads, rets lt coal & med wtr w/ med black soap & hvy fines.

06-28-2005 NF well for 1 hr, rets med black soap & hvy fines. Surge f/ shoe @ 1100 psi w/ 3 pads, rets lt coal & med wtr, NF 1 hr. 4 hr SICP = 400 psi. 5 1/2 hr SICP = 450 psi. Nat surge well, hold safety mtg, NF well 30 mins. Try to PU on DP & it was stuck, break circ w/ 13 bph a/s mist, work DP appr 20 mins till it was free, PU DP & tag fill @ 3255', C/O 58' of fill to 3313', rets med 1/8" to 1/4" coal, run two 5 bbl sweeps. Blow well dry w/ air only. LD 5 jts DP, RD power swivel, TOOH w/ bit & lock same in upper rams, turn over to night crew. Try an air only breakover, pressure well to 825 psi before it broke, surge well, rets coal dust & very lt wtr, NF 1 hr, appr 12' flare. SI for nat surge f/ surface, 3 hr SI = 325 psi, rets trace coal & lt wtr, NF 1 hr, 15 min SI = 20 psi, 30 min SI = 55 psi, 45 min SI = 90 psi, 1 hr SI = 120 psi. SI for nat surge.

06-29-2005 SI for nat surge, 3 hr SI, rets lt to med 1/4" coal & med wtr, NF 1 hr. SWI for natural build up. 4 hr SICP = 460 psi, nat surge, rets coal dust. Surge f/ surface @ 1000 psi w/ two pads & 10 bph a/s mist, rets med coal & wtr, NF 30 mins. Surge well @ 1200 psi w/ 10 bph a/s mist & two pads, one @ start & one @ 800 psi, rets hvy coal & med wtr, NF 1 hr. Surge well @ 1200 psi w/ 10 bph a/s mist & two 5 bbl pads, rets hvy 1/4" to 1" coal & med black wtr, NF 30 mins. SI for nat surge, 4 hr SI = 400 psi, rets lt to med coal & lt wtr, NF 1 hr. Surge well @ 1200 psi w/ 10 bph a/s mist & two 5 bbl pads, rets hvy coal & wtr, possibly bridged off, appr 6' flare. Surge well @ 1200 psi w/ 10 bph a/s mist & two 5 bbl pads, rets no coal & lt wtr, well is bridged off down low. Work on bridge.

06-30-2005 Pressure up on well, pump sweeps, surge & release, work on bridge. 4 hr SICP = 80 psi. Blow well down, RD power swivel. TIH w/ bit & tag bridge @ 2116', RU power swivel. Break circ w/ 14 bph a/s mist, C/O appr 60' bridge, run 5 bbl sweep. RD power swivel & TIH w/ DP & tag bridge @ 2616'. RU power swivel, break circ w/ 14 bph a/s mist & C/O appr 6 more bridges & 40' of fill f/ 3273' to 3313', well running lt to med coal, run 4 bbl sweeps every 20 mins. Blow well dry. LD 5 jts DP, set bit @ shoe, turn over to night crew. Surge f/ shoe @ 800 psi w/ one 5 bbl pad & 10 bpm a/s mist, rets lt to med coal & lt wtr, NF 1 hr. Surge well @ 900 psi w/ one 5 bbl pad & 10 bpm a/s mist, rets med coal & lt wtr, NF 1 hr. Surge well @ 800 psi w/ one 5 bbl pad & 10 bpm a/s mist, rets med coal & med wtr, NF 1 hr.

07-01-2005 Surge well @ 800 psi w/ one 5 bbl pad & 10 bpm a/s mist, rets med coal & med wtr, follow surge w/ air for 1 hr, NF for 1 hr. SI for natural build up. 4 hr SICP = 450 psi. Nat surge rets lt coal & wtr. PU DP & CO 92' of fill f/ 3251' to 3313', circ well clean, run three 5 bbl sweeps, blow well dry. TOOH w/ bit, lock same in upper rams, turn over to night crew. SI for two 3 hr Nat surges, 1st SICP = 400 psi, rets lt coal & wtr, 2nd SICP = 450 psi, rets lt coal & wtr, nat flow both surges for 1 hr. SI for nat surge.

07-02-2005 SI for nat surge, 3 hr SI = 450 psi, rets lt coal & wtr, nat flow 1 hr. SI for nat build up, 4 hr SI = 500 psi, surge well, rets lt coal & wtr, nat flow well for 1 hr. SI for 4 hr nat surge, 1st SI = 500 psi, rets lt coal & wtr, nat flow 1 hr, 2nd SI = 525 psi, rets lt to med coal & lt wtr, nat flow 1 hr, SWI for the weekend.

07-05-2005 SICP = 500 psi. Nat surge, rets lt coal & wtr. Surge f/ surface @ 1000 psi w/ one pad @ start & 10 bph a/s mist, rets lt to med coal & med wtr, NF for 1 hr. Surge f/ surface @ 1000 psi w/ one 5 bbl pad @ 300 psi & 10 bph a/s mist, rets med to hvy coal & med wtr, NF 1 hr. Surge well @ 1000 psi w/ one 5 bbl pad @ 300 psi & 10 bph a/s mist, rets hvy coal & med wtr, NF 1 1/2 hr. Surge well @ 1000 psi w/ one 5 bbl pad @ 300 psi & 10 bph a/s mist, rets hvy coal 1/4" to 1" in size & med wtr, NF 1 hr. Surge well twice @ 1000 psi w/ two 5 bbl pads @ 300 psi & 600 psi & 10 bph a/s mist, rets hvy coal & med wtr on each surge, NF 1 hr, 2nd surge might have bridged off. Surge well @ 1000 psi w/ one 5 bbl pad @ 300 psi & 10 bph a/s mist, rets lt coal & lt wtr. SI for 3 hr nat surge.

07-06-2005 SI for nat surge, 3 hr = 425 psi, rets lt coal & wtr, NF 1 hr. SI for nat build up. 4 hr SI = 600 psi. Nat surge, rets lt coal & very lt wtr, NF 30 mins, appr 12' flare. Surge well f/ surface @ 1000 psi w/ two pads & 10 bph a/s mist, rets lt coal & wtr, NF well 30 mins. TIH w/ bit to shoe. Tie back on single line & RU power swivel, PU 1 jt DP & tag fill @ 3160'. Break circ w/ 12 bph a/s mist, C/O 110' of fill f/ 3160' to 3270' & power swivel started failing, circ well clean, PU 1 jt DP & circ well. Check all hyd's on rig, C/O filters & check tank levels, call mechanic, LD 3 jts DP. SIFNBU, 1 hr SI = 200 psi, 15 min SI = 40 psi, 30 min SI = 90 psi, 45 min SI = 150 psi. Turn over to night crew. SI for nat surge, 3 1/2 hr SI = 450 psi, rets lt coal & lt wtr, NF well 1 hr, appr 15' flare. SI for nat surge.

07-07-2005 SI for nat surge, 4 hr SI = 490 psi, rets lt coal & very lt wtr, NF for 1 hr. SI for nat build up. 4 hr SICP = 500 psi. Nat surge well, rets lt coal & wtr, NF 30 mins. PU DP & tag fill @ 3160', break circ w/ 12 bph a/s mist, C/O fill f/ 3160' to 3315', well running lt to med 1/4" coal & shale mix, appr 70/30 on last two jts, circ well clean, run 4 bbl sweep every 20 mins. Blow well dry. LD 5 jts DP, RD power swivel & CO to double fast lines. TOOH w/ bit, lock same in upper rams. Pressure up f/ surface w/ air only, well broke @ 760 psi, rets lt coal & no wtr. SI for natural surge.

07-08-2005 SI for natural surge, 4 hr SI = 475 psi, rets lt coal & no wtr, NF 2 hrs. SI for nat build up. 4 hr SICP = 500 psi. Surge well f/ surface, rets lt coal & lt wtr. SI for nat surge f/ surface, 3 hr SI = 450 psi, rets trace coal & no wtr, NF 1 hr, appr 15' flare. SI for nat surge, 3 hr SI = 450 psi, rets trace coal & no wtr, NF 1 hr. SI for nat surge, 3 hr SI = 450 psi, rets coal dust & no wtr, NF 1 hr, appr 15' flare. SI for nat surge, 3 hr SI = 480 psi, rets lt coal & very lt wtr, NF 1 hr.

07-09-2005 SI for nat surge, 2 hr SI = 400 psi, rets trace coal & very lt wtr, NF 1 hr. SI for nat build up, 4 hr SICP = 500 psi. Surge well rets lt coal & lt wtr, NF 1 hr. SI for nat surge f/ surface, 3 hr SI = 480 psi, rets lt coal & wtr, NF 1 hr. SI for nat surge, 3 hr SI = 480 psi, rets trace coal & lt wtr, NF 1 hr, appr 15' flare. SI for nat surge, 3 hr SI = 480 psi, rets coal dust & no wtr, NF 1 hr. SI for nat surge, 3 hr SI = 500 psi, rets coal dust @ 1st, followed w/ lt 1/8" coal flowing for appr 5 mins & very lt wtr, NF 1 hr.

07-10-2005 SI for nat surge, 2 hr SI = 460 psi, rets coal dust & very lt wtr, NF 1 hr. SI for nat build up, 4 hr SICP = 525 psi. Surge well, rets lt coal & wtr, NF well 1 hr, appr 15' flare. SI for nat surge f/ surface, 3 hr SI = 500 psi, rets lt coal & wtr, NF 1 hr. SI for nat surge, 3 hr SI = 480 psi, rets coal dust & no wtr, NF 1 hr. Surge f/ surface @ 600 psi w/ one 5 bbl pad & 10 bpm a/s mist, rets lt coal & wtr, NF 1 hr. Surge well @ 800 psi w/ two 5 bbl pads & 10 bph a/s mist, rets lt to med coal & lt wtr, NF 1 hr. Surge well @ 800 psi w/ two 5 bbl pads & 10 bph a/s mist, ret med coal & lt wtr, NF 1 hr. SI for nat surge.

07-11-2005 SI for nat surge, 4 hr SI = 525 psi, rets lt coal & wtr, NF 1 hr. SI for nat build up. 4 hr SICP = 525 psi. Surge well, rets coal dust & no wtr, NF 30 mins. Surge well f/ surface @ 800 psi w/ two 5 bbl pads & 10 bph a/s mist, rets med coal & lt wtr, NF 1 hr. Surge well @ 800 psi w/ two 5 bbl pads & 10 bph a/s mist, rets med coal & lt wtr, NF 1 hr. SI for natural surge, 3 hr SI = 500 psi, rets lt coal & wtr, NF 1 hr. SI for natural surge, 3 hr SI = 525 psi, rets lt coal & wtr, NF 1 hr. Surge well @ 800 psi w/ two 5 bbl pads & 10 bph a/s mist, rets hvy coal & med wtr, well bridged off. Pressure well @ 600 psi SI for 30 mins & release, try to work bridge out, keep working on bridge.

07-12-2005 Pressure well @ 600 psi SI for 30 mins & release, try to work bridge out, keep working on bridge, rets med coal & wtr, still acts partially bridged, NF 1 hr, appr 8' flare. SI for natural build up. 4 hr SICP = 400 psi. Surge well, rets med coal & lt wtr, NF 30 mins, RD power swivel. TIH w/ bit & tag fill @ 3195'. RU power swivel, break circ w/ 14 bph a/s mist. CO 140' of fill f/ 3195' to 3335', rets 1/4" to 1/2" coal / shale mix, appr 70/30, last 2 1/2 jts ran lt coal constant, run three 5 bbl sweeps. Blow well dry & LD 5 jts 2 7/8" DP, turn over to night crew. SI for natural surge f/ shoe, 3 hr SI = 450 psi, rets lt coal & very lt wtr, follow w/ air only for 30 mins, NF 30 mins. SI for natural surge.

07-13-2005 SI for natural surge, 4 hr SI = 460 psi, rets trace coal & no wtr, NF 1 hr. SI for nat build up. 4 hr SICP = 480 psi. Surge well, rets lt coal & very lt wtr, NF 30 mins. PU DP & tag fill @ 3230', break circ w/ 14 bph a/s mist, C/O 90' of fill f/ 3230' to 3320' & hyd on rig started acting up. Circulate well clean & wait on mechanic. Repair hyd system on rig. CO fill to 3320', well running med to heavy coal, run several sweeps, circ well clean. Blow well dry. LD 5 jts DP, NF well, appr 20' flare.

07-14-2005 NF well, appr 20' flare. PU DP & tag fill @ 3250', break circ w/ 14 bph a/s mist, C/O 65' of fill f/ 3250' to 3315', well running med to hvy coal & shale appr 50/50, run 4 bbl sweep every 30 mins, circ well clean. Blow well dry, turn over to night crew. SI for natural surge f/ shoe, 3 hr SI = 460 psi, rets lt coal & shale, very lt wtr, NF 1 hr. SI for natural surge.

07-15-2005 4 hr natural surge f/ shoe = 600 psi, gauge well @ 5 oz = 354 mcf, rets med coal lt water coal marble to golf ball size. TIH, RU swivel & PU singles & tag fill @ 3225' (jt #98), 25' of fill, circ & clean to TD @ 3301', ret's med to hvy coal lt water coffee to golf ball size coal. TOOH, LD 9 jts, tie back drlg to two lines. TOOH to bit, change top BOP's to 4 3/4" rams. 4 hr natural surge = 560 psi, ret's med coal & water coffee to pea size coal. Surge f/ surface w/ a/s mist to 800 psi, ret's med coal & water.

07-16-2005 4 hr & 6 hr natural surges, 600 psi on both, ret's med coal & lt water. Surge f/ surface 4 times w/ a/s mist to 800 psi, ret's med to hvy coal med water.

07-17-2005 4 hr natural surge = 600 psi, ret's med coal & water. Surge f/ surface w/ a/s mist 6 times to 800 psi, ret's med coal & water.

07-18-2005 SI for nat surge, 3 hr SI = 425 psi, rets lt coal & very lt wtr, NF 2 hrs. SI for natural build up. 4 hr SICP = 400 psi. Surge well, rets coal dust & mist, NF well 1 hr. TIH w/ bit, tag bridge @ 3210'. RU power swivel, break circ w/ 12 bph a/s mist, C/O bridge & 40' of fill f/ 3290' to 3330', circ well, run 4 bbl soap sweep every 20 mins, blow well dry. LD 5 jts DP. NF well, appr 20' flare.

07-19-2005 NF well, appr 20' flare, PU DP & tag fill @ 3290', break circ w/ 12 bph a/s mist, C/O 40' of fill f/ 3290' to 3330', circ well. LD 5 jts DP, RD power swivel, TOOH w/ bit, B/O & LD drill collars. Change out to 5.5 ram rubbers, RU csg crew. MU shoe, 227' of 5 1/2" csg. J-latch & setting tool, RD csg crew. TIH w/ liner & 93 jts 2 7/8" DP. RU power swivel & PU 3 jts DP & tag @ 3240', break circ w/ 12 bph a/s mist, circ liner to 3325' & stuck liner, work liner loose & could not get past 3321', J off of liner, pump 15 bbls down tbg, TOL @ 3090' w/ 55' of over lap, . RD power swivel w/ DP, LD in pipe basket, SDFN.

07-20-2005 SICP = 460 psi. CO stripper heads, blow well down. RU WL crew. RIH w/ 20' 3 1/8" HCR gun, tagged fill @ 3269', bottom was real sticky, pull out of hole w/ gun, RD WL crew. Tally, rabbit & TIH w/ exp check & 97 jts 2 1/4" tbg. RU power swivel, tag fill @ 3240', break circ w/ 10 bph a/s mist, C/O fill, circ well clean, run two 4 bbl sweeps. RD power swivel, TOOH w/ 10 jts tbg, SDFN

07-21-2005 SICP = 440 psi. Blow well down. TIH w/ tbg & tag fill @ 3305', break circ w/ 10 bph a/s mist & C/O fill, run one sweep, RD swivel, TOOH w/ tbg. ND stripper head & RU WL to perf, perforate 5.5" liner, 4 shots p/f w/ 3 1/8" HSC gun, 0.45" dia, 12" pent & 15 grm chgs, 1st run (3156' - 3176') 80 shots, 2nd run (3198' - 3218') 80 shots, 3rd run (3250' - 3270') 80 shots, 4th run (3274' - 3304') 120 shots, 360 total shots, all shots fired, RD perforators. RU stripper head & rig floor, MU 1/2 M/S w/ exp check, 12' pup jt & SN. TIH w/ 2 1/4" tbg, land well @ 3308' KB as follows: one jt 2 1/4", 6.5#, J-55 EUE tbg, 1/2" mule shoe, one 2.875", J-55, 6.50# EUE pup jt, one 2.28" J-55, 6.50#, EUE SN, 99 jts 2.875", J-55, 6.50#, EUE tbg, one 2.875", J-55, 6.50#, EUE pup jt, one jt 2.875", J-55, 6.50#, EUE tbg, 100 total jts tbg, S/N set @ 3295'. SWI, part of the rig crew & I fought a 3 acre brush fire started by lightning, rest of the crew RD rig floor. ND BOP-HCR stack, NUWH & test @ 3000 psi, tested good. Pump out plug, reverse air & get well flowing up tbg, RD hardlines, pump, pit, accumulator, turn well over to production department, release rig @ 2030 hrs 7/21/05.