

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-078766

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

SUBMIT IN TRIPLICATE

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

Well Name and No.
ROSA UNIT #256A

2. Name of Operator
WILLIAMS PRODUCTION COMPANY

9. API Well No.
30-039-27652

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)
1305' FNL & 1590' FWL, NE/4 NW/4 SEC 25-31N-06W

11. County or Parish, State
RIO ARRIBA, 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
Wtr Shut-Off
Conversion to Injection
Dispose Wtr
(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.)*

06-16-2004 MIRU, NU BOP stack, secure location, SDFN.

06-17-2004 Csg pressure-20 psi. Roustabout crew NU blooie line, PU 6 1/4" bit, (8) 4 3/4" DC's, DP, TIH, tag 10' of fill @ 3212'. Unload well w/ air mist, well unloaded heavy 1/4" coal & black vicious water, rt's reduced to lt coal fines in grey wtr after 1/2 hr. Circulate on bottom w/ air mist, returns-light coal fines in grey water. LD 5 jts DP, bit in 7" csg. Surge 6 times w/ air mist, 1 hr compressor time, pressure to 1450 psi, returns-mist

06-18-2004 Surge 1 time w/ air mist, 1 hr compressor time, pressure to 1450 psi, returns-mist. Shut in for natural surge. Casing pressure 75 psi. Release surge, TIH, tag fill @ 3144', 80' of fill. CO to TD w/ air mist, returns-heavy 1/2" coal to fines in black viscous water, ran heavy black water for 2 1/2 hrs, water cleared up w/ light 1/16" coal to fines. CO @ TD w/ air mist, returns-light 1/16" coal and shale (70/30) to fines in grey water. Surge 8 times w/ air mist, 1 hr compressor time, pressure to 1450 psi, returns-light 1/4" coal and water.

Continue on Back

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

Signed Tracy Ross
Tracy Ross

Title Sr. Production Analyst

Date August 17, 2004

(This space for Federal or State office use)

Approved by _____

Title _____

Date _____

Conditions of approval, if any:

ACCEPTED FOR RECORD

AUG 25 2004

FARMINGTON FIELD OFFICE

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.

NMOC

06-19-2004 Surge 1 time w/ air mist, 1 hr compressor time, pressure to 14b50 psi, returns-light 1/4" coal and water. SI for natural surge. Csg pressure-150 psi. Release natural surge, returns-coal fines and water. Had bridge below bit, CO, recovered coaly shale up to 2" across. CO w/ air mist to 3170', returns-heavy 1/4" coal and fines in black to dark brown water, some tight hole. Pull into 7" casing. Surge 7 times w/ air mist, 1 hr compressor time, pressures from 1100 psi to 1300 psi, returns-medium 3/8" coal to fines in brown water.

06-20-2004 Surge 1 time w/ air mist, 1 hr compressor time, pressures to 1100 psi, returns-medium 1/8" coal to fines in brown wtr. SI for natural surge. Safety meeting, casing pressure-100 psi. Release natural surge, returns-mist. TIH, tag @ 3100'. CO to 3170', heavy 1/2" coal to fines in black water. Pull into 7" casing. Surge 6 times w/ air mist, 1 hr compressor time, pressures-900 to 1100 psi, returns-medium coal and black water.

06-21-2004 Surge 1 time w/ air mist, 1 hr compressor time, pressures-1100 psi, returns-medium coal and black wtr. SI for natural surge. Csg pressure-100 psi, release surge, had fill to bit in 7" csg. CO to 3170' w/ air mist, ran 25 bph wtr w/ air, returns-heavy 1/2" coal to fines in black to dark brown wtr. CO @ 3170' w/ air mist and 15 bph water, returns-heavy 1/2" coal to fines in black to dark brown wtr. Pull into 7" csg, surge 6 times w/ air mist, 1 hr compressor time, pressure 800 to 900 psi, returns-heavy coal & wtr.

06-22-2004 Surge 1 time w/ air mist, 1 hr compressor time, pressure 900 psi, returns-heavy coal & wtr. SWI for natural surge. Csg pressure-300 psi, release surge, light coal returns. TIH, tag @ 3100'. CO to 3170' w/ air and 10 bph mist, med to heavy 1/4" coal to fines in brown wtr, hole got tight, LD 2 jts, CO to 3170', returns-heavy 1/4" coal to fines in brown wtr. Pull into 7" csg, flow well to blow pit.

06-23-2004 Flow well to blow pit. SI for natural surge. Csg pressure-300 psi. Release natural surge, returns-coal fines and mist. TIH, tag @ 3100'. CO to 3170' w/ air and 10 bwph, returns-medium 1/8" coal to fines in brown wtr. Hole got tight, bridged above bit, LD 2 jts DP, bit @ 3100'. CO to 3130' w/ air and 20 bwph, returns-heavy 1/2" coal to fines in black to brown wtr, coal was 90% shaley coal & 10% bright shiny coal. Dry well, pull into 7" csg. Flow well to blow pit.

06-24-2004 Flow well to blow pit. TIH, tag @ 3100'. CO to 3170' w/ air mist, air pumping 20 bwph w/ soap and shale inhibitor, returns-heavy 1/2" coal to fines in dark brown wtr. CO to 3170', returns-heavy 1/2" coal to fines in dark brown water, 90% dull shaley coal and 10% shiney coal. Pull to 7" csg. Surge 5 times w/ air mist, 1 hr compressor time, pressure-825 psi, returns-medium coal.

06-25-2004 Surge 1 time w/ air mist, 1 hr compressor time, pressure-825 psi, ret's med coal. SI for natural surge. Csg pressure-350 psi. Release natural surge, returns-light coal fines. TIH, tag @ 3100'. CO to 3170' w/ air mist, ret's hvy 1/2" coal to fines in dark brown wtr, coal in 70% shaley coal & 30% shiney coal. Dry well, pull into 7" csg. Surge 6 times w/ air mist, 1 hr compressor time, pressure 800 - 900 psi, returns, hvy to med coal.

06-26-2004 Surge 1 time w/ air mist, 1 hr compressor time, pressure 900 psi, returns, medium coal. SI for natural surge. Csg pressure-300 psi. TIH, tag @ 3100'. CO to 3170' w/ air mist, returns-heavy 1/2" coal to fines in brown water, well would bridge off above bit @ times. Dry well, pull into 7" csg. Surge w/ air mist 6 times, 1 hr compressor time, pressure 825 to 950 psi, returns-medium to heavy coal and water.

06-27-2004 Surge w/ air mist 1 time, 1 hr compressor time, pressure 950 psi, returns-medium coal and water. SI for natural surge. Csg pressure-300 psi. TIH, tag @ 3100', CO w/ various rates of air and mist to 3170' trying to find right mix to let us get to bottom-3222', returns-light to medium coal fines. Pull into 7" csg. Surge 6 times w/ air mist, 1 hr compressor time, pressures 875-1050 psi, returns-coal fines and mist.

06-28-2004 Surge w/ air mist 1 time, 1 hr compressor time, pressure 1050 psi, returns-coal fines & mist. SWI for natural surge. Csg pressure-250 psi. Load hole w/ coal produced wtr w/ shale inhibitor. CO @ 3170', power swivel stalling out, tight hole. Hang swivel off, TOOH to check bit, bit in gauge. TIH, PU power swivel, unload hole w/ air. Circulate @ 3170'. Pull into 7" csg, will have 3.5 Bowen power swivel in AM. Surge 6 times w/ air mist, 1 hr compressor time, pressure 800 psi to 1175 psi, returns lt coal & mist.

06-29-2004 Surge 1 time w/ air mist, 1 hr compressor time, pressure-1200 psi, returns-light coal fines. SI for natural surge. Release natural surge, pressure-300 psi. RU 3 1/2" Bowen power swivel. TIH, tag @ 3100', CO to 3150' w/ air mist, returns-heavy 1/4" coal to fines in brown water. Dry well, pull into 7" casing. Surge 4 times w/ air mist, 1 hr compressor time, pressure-850 to 1000 psi, returns-coal fines and mist.

06-30-2004 Surge 1-time w/ air mist, 1 hr compressor time, pressure-1000 psi, returns-coal fines and mist. SI for natural surge. Csg pressure-230 psi. Release natural surge, returns-coal fines and mist. TIH, tag @ 3100'. CO to TD-3222', had to LD jts two times due to hole bridging above bit, returns-heavy to light 1/4" coal to fines in dark brown water. Dry well, pull into 7" csg. Natural surge 2 times w/ 3 hr SI's, pressure-200 psi, returns-gas and mist.

07-01-2004 Natural surge 1 time w/ 3 hrs SIs, pressure - 200 psi, returns-gas & mist. SI for natural surge. Csg pressure - 250 psi. Release natural surge, returns-gas & mist. TIH, tag @ 3096'. CO to 3170, ret's med coal fines in dark brown water, hole got tight, LD 1 jt DP. CO from 3140' to 3222' (TD), returns-medium coal fines in dark brown water, returned 1" coal & shale from basal coal. Dry well, pull into 7" csg. Natural surge 2 times w/ 3 hrs SI's, pressure - 200 psi, returns gas & mist.

07-02-2004 Natural surge 1 time w/ 3 hr SI's, pressure-225= psi, returns gas and mist. SI well for natural surge. Csg pressure 340 psi. TIH, tag @ 3090'. CO to TD w/ air mist, had to LD jts 2 times due to hole bridging above bit, returns-heavy 1/2" coal to fines in dark brown water. Dry well, LD 5 jts DP, pull into 7" casing. Natural surge 2 times w/ 3 hr SI's, pressure 225 psi, returns-gas and mist.

07-03-2004 Natural surge 1 time w/ 3 hr SI's, pressure 225 psi, returns-gas and mist. Natural surge w/ 4 hr SI, pressure 350 psi, returns-gas and mist. Natural surge 4 times w/ 3 hr SI's, pressure-200 psi, returns-gas and mist.

07-04-2004 Natural surge 6 times w/ 3 hr SI's, pressure-250 psi, returns-gas and mist

07-05-2004 Natural surge 6 times w/ 3 hr SI's, pressure-250-275 psi, returns-gas and mist, one 4 hr SI built to 375 psi

07-06-2004 Natural surge 1 time w/ 3 hr SI's, pressure-275 psi, returns-gas and mist. SI for natural surge. Csg pressure-350 psi. Release natural surge, returns-gas and mist. TIH, tag @ 3090'. CO to 3180', w/ air mist, hole tight & sticky, returns-med 1/4" coal & hvy coal fines in dark brown wtr. Dry well, pull into 7" csg. Surge 5 times w/ air mist, 1 hr compressor time, pressure - 900 to 950 psi, returns-med coal & wtr.

07-07-2004 Surge 1 time w/ air mist, 1 hr compressor time, pressure-950 psi, returns-medium coal and water. SI well for natural surge. Csg pressure-350 psi. Release natural surge, returns-gas & mist. TIH, tag @ 3073' (7" shoe). CO w/ air mist to 3180', hole got tight, pipe stuck. Work stuck pipe, pressure up on back side w/ air mist, pull 1 jt DP, work pipe free, pull and LD one jt, pull 15' of second jt, pipe was vibrating, bit is @ 3117', 44' in open hole, pipe free, circulate w/ air mist.

07-08-2004 Bit is @ 3117', 44' in open hole, pipe free, circulate w/ air mist. CO to 3180' w/ air mist, returns-heavy 1/4" coal to fines in black water reducing to light coal fines, well started to bridge off above bit. Dry well, LD 4 jts DP, close blooie lines.

07-09-2004 Well flowing through 2" line. TIH, tag @ 3100'. CO w/ air mist to 3130' and 10 bph mist, returns-heavy 1/4" coal to fines in dark brown water. CO w/ air mist to 3160', returns-heavy 1/4" coal to fines in dark brown water. CO w/ air mist to 3212', increase mist to 20 bph, returns-heavy 1/4" coal to fines in dark brown water, well bridged off, pipe stuck. Pressure up on back side, work pipe free, pull into 7" csg. Flow well through 2" line to pit.

07-10-2004 Flow well through 2" line to pit. TIH, tag @ 3100'. CO to 3170' w/ air mist, returns-heavy 1/4" coal to fines uphole, returns-heavy coal fines in black water 3140' to 3170'. Well bridged above bit, pressure up on backside, work pipe free. Circ w/ air msit @ 3120', returns-heavy 1/2" coal to fines in dark brown water, pull up to 7" csg. Flow well through 2" line.

07-11-2004 Flow well through 2" line. TIH to 3120'. Circulate @ 3120' w/ air mist, returns-heavy 1/4" coal to fines in dark brown water. Circulate @ 3120 w/ air mist, returns-heavy 1/4" coal to fines in dark brown water reducing to medium 1/4" coal to fines by 2100 hrs.

07-12-2004 Circulate @ 3120' w/ air mist, returns-medium 1/4" coal to fines in brown water. Safety meeting. CO from 3090' to 3120' w/ air mist, returns-heavy 1/4" coal to fines in brown water. Circulate @ 3120' w/ air mist, returns-heavy to medium 1/4" coal to fines in brown water.

07-13-2004 Circulate @ 3120' w/ air mist, returns-heavy to medium 1/4" coal to fines in brown water. CO @ 3120' w/ air mist, returns-heavy 1/4" coal to fines in brown water. CO to 3180' w/ air mist, returns-heavy coal fines in black water, hole bridged above bit, pull 50,000# over string weight to get free, had to LD 3 jts DP, well made 2" coal after pulling free. CO @ 3120' w/ air mist, returns-heavy 1/4" coal to fines in dark brown water. CO to 3180' w/ air mist, returns-medium 1/4" coal to fines in brown water. Hole got tight, LD 3 jts DP, well unloading heavy 1/2" coal to fines in dark brown water. Circulate @ 3120' w/ air mist, returns-heavy 1/4" coal to fines in brown water.

07-14-2004 Circulate @ 3120' w/ air mist, returns-medium to light 1/4" coal to fines in brown water. CO to 3150' w/ air mist, returns-medium 1/4" coal to fines in brown water, well bridged above bit, LD 1 jt DP. CO @ 3120' w/ air mist, returns-medium 1/4" coal to fines in brown water. CO to 3180' w/ air mist, returns-medium to light 1/4" coal to fines in light brown water. Pull up to 3120', unload well w/ air mist, returns-medium 1/4" coal to fines in light brown water. Flow well w/ air mist @ 3120', returns-light 1/4" coal to fines. Shut off mist, dry well for 1 hour. Flow well through 2" line.

07-15-2004 Flow well through 2" line. CO w/ air mist @ 3138', returns-heavy 1/4" coal to fines in dark brown water. CO to 3180' w/ air mist, returns-coal fines in brown water, hole got tight, had to LD 2 jts DP. Work pipe @ 3138', returns-heavy 1/4" coal to fines in dark brown water. CO @ 3138' w/ air mist, returns-heavy 1/4" coal to fines in dark brown water.

07-16-2004 Returns reduced to light, shut off air. Circulate w/ air mist @ 3138', returns-medium to light 1/4" coal to fines in light brown water. CO w/ air mist to 3180', returns-medium coal fines. Circulate and CO @ 3138', returns-medium to light coal fines in brown water. Dry well, LD 1 jt DP, SI well for natural surge. Natural surge 3 times w/ 2 hr SI's, pressure-300 psi, returns-light 1/4" coal to fines.

07-17-2004 Natural surge 1 times w/ 2 hr SI, pressure-350 psi, returns-light coal fines. SI for natural surge. Safety meeting, casing pressure 400 psi. PU 1 jt DP, tag @ 3100', unload hole w/ air mist, pumping 8 bwph, returns-air, very little water, no coal. CO to 3170' w/ air and 8 bwph mist, returns-air, little water, light coal fines, hole tight. Dry well, hang back swivel, TOH, bit is pinched 1/2" undergauge. Natural surge 3 times, 2 hr SI, pressure-300 psi, returns-coal fines.

07-18-2004 Natural surge 1 time, 2 hr SI, pressure-300 psi, returns-coal fines. SI for natural surge. Csg pressure-400 psi. PU RR 6 1/4" mill tooth bit, TIH, PU swivel, tag @ 3100'. CO to 3185' w/ air and 8 bwph, returns-light coal fines, hole got tight, LD 1 jt DP. CO @ 3170' w/ air and 12 bwph, returns-med coal fines in black water. CO to 3195' w/ air and 12 bwph, returns-heavy coal fines in black water. Hole tight, pipe stuck, pressure up on backside to 700 psi, work pipe, pipe came free. LD 3 jts DP. Natural surge 3 times, 2 hr SI, pressure-350 psi, returns-light coal fines.

07-19-2004 Natural surge 1 time, 2 hr SI, pressure-350 psi, returns-light coal fines. SI for natural surge. Casing pressure-400 psi. CO @ 3138' w/ air and 12 bphw, returns-medium to light 1/4" coal to fines in dark brown water. CO to 3205' w/ air and 12 bphw, returns-heavy to medium 1/4" coal and heavy fines in black water. LD 5 jts DP, hang back swivel, install TIW valve in DP. Natural surge 2 times w/ 2 hr SI's, pressure-350 psi, returns-light coal fines.

07-20-2004 Natural surge 1 time, 2 hr SI, pressure-350 psi, returns-light coal fines. SI well for natural surge. Csg pressure-400 psi. TOH. TIH w/ Weatherford underreamer. Underream from 3093' to 3200', hole had previously been underreamed, had some areas of resistance, had problems w/ circulation, started out w/ air and 12 bphw, had tight hole problems, worked circulation rate up to air and 25 bphw to maintain good circulation, underreaming @ 3200', hole got tight, pipe stuck, work pipe, pressure up on back side to 700 psi. Work stuck pipe, no movement, SI well w/ pressure on well, secure location, SDON.

07-21-2004 Csg pressure-500 psi. LD 3 jts DP w/ pressure on well bore. Surge pressure off wellbore. Under ream to 3190', circulate w/ air and 20 to 40 bphw, hole would get tight and bridge off above under reamer, pull up to 3130' three times. Hang back swivel. TOH. LD under reamer. PU bit and float on 1 stand of DP, hang bit in BOP, close rams. Flow well to blow pit through blooie line, well unloading water. Natural surge w/ 2 hr SI, pressure to 200 psi, returns-gas.

07-23-2004 Natural surge 1 time w/ 2 hr SI, pressure-300 psi, returns-gas and mist. SI for natural surge. Casing pressure-400 psi. TIH, tag @ 3100'. CO to 3200' w/ air and 20 bwph mist and rig pump on hole in 2nd gear @ 40 bwph, returns-light coal fines on brown water. Hole tight, LD 2 jts DP. CO to 3200' w/ air and 30 bwph mist and rig pump on hole in 3rd gear @ 100 bwph, returns-light coal fines in light brown water. Tight hole, pipe stuck, work pump free, pull into 7" casing, unload liner and tubing. Flow well to pit through 2" line.

07-24-2004 Flow well to pit through 2" line. TIH, tag @ 3100'. CO to 3205' w/ air and 8 bwph mist, returns-light coal fines in lt brown water, hole tight, stuck pipe, work pipe free. LD 2 jts DP. CO to 3205' w/ air and 8 bwph mist, returns-light coal fines in light brown water, LD and PU next to last jt 3 times, PU last jt to CO to TD, hole tight, broke power swivel hose, pipe stuck, had to pressure up on back side w/ air, work pipe free. LD 3 jts DP, pull into 7" casing. Flow well to blow pit through 2" line.

07-25-2004 Flow well to blow pit through 2" line. Install new power swivel hose. TIH, tag @ 3105'. CO to 3200' w/ air and 8 bwph, returns-light fines in lt brown water, hole tight, had to LD 1 jt. CO to 3200' w/ air and 8 bwph, returns-light fines, tight hole, had to LD 1 jt three times, LD 2 jts DP. CO to TD-3222' w/ air and 8 bwph, returns-light coal fines, light 1/2" coal on bottom, work pipe on bottom, pull up 25', hole tight, pipe stuck, had good circulation, pump slug, work pipe free, pull into 7" csg. Flow well to pit through 2" line.

07-26-2004 Flow well to pit through 2" line. TIH, tag @ 3100'. CO to 3200' w/ air and 8 bwph, returns-light coal fines, power swivel locked up, would not turn to right, would turn in reverse, pull into 7" csg. Wait on mechanic to repair power swivel, repaired same. TIH, CO to 3200' w/ air and 8 bwph, returns-heavy to light 1/4" coal to fines in black to light brown water, had to LD and PU drill pipe 4 times due to tight hole. Pull into 7" casing. Flow well through 2" line.

07-27-2004 Flow well through 2" line. TIH, tag @ 3100'. CO to 3200' w/ air and 8 bwph, returns-light to medium coal fines in brown to black water. TOOH, prepare to run liner in AM. Flow well to pit through 2" line.

07-28-2004 Flow well to pit through 2" line. RU csg crew. RIH w/ 6 jts 5 1/2", 17#, N-80 csg. RD csg crew. TIH w/ DP. PU power swivel. Tag @ 3100', establish circulation. Wash liner to 3190', circulate w/ air and 8 bwph, had to LD pipe several times due to tight hole. Load hole w/ coal water, could not get well to circulate w/ water. Circulate w/ 2 air compressors and 1 booster and rig pump pumping 120 bwph, wash liner to 3185', circulate w/ air and 120 bwph, hole tight, could not get deeper than 3185, power swivel would stall out. Pull into 7" casing. Flow well on blooie line.

07-29-2004 Flow well on blooie line. Wash and ream liner downhole, washed to 3190', could not get deeper, swivel would stall. TOOH, leave liner hanging in hole, will LD liner in AM and run liner back in hole w/ rotary shoe w/ cutrite on bottom, SI well, secure location, SDON.

07-30-2004 RU csg crew. Lay down 6 jts 5 1/2" csg. Redress liner setting tool. Run 6 jts 5 1/2" casing w/ rotary shoe on bottom and TIH H-latch drop off tool, RD csg crew. PU power swivel, establish circulation w/ air and 20 bwph. Tag @ 3100', wash down to 3175' w/ no problem, wash to 3192', had torque from 3175' to 3192', 3.5 power swivel would stall out @ 3192'. Release from liner, ran 6 jts 5 1/2" (232.86') 17#. N-80 LT&C 8rd set @ 3192', H latch @ top of liner @ 2959'. RD 3.5 power swivel, lay on power unit skid. Lay down drill pipe, TIH w/ DC's, LD same, SI well, secure location, SDON.

07-31-2004 PU (6) 3 3/4" DC's w/ 4 3/4" bit, TIH w/ 2 3/8" tbg, PU 2.5 power swivel. Establish circulation w/ 3 compressors and 10 bwph mist. Tag fill 20' above liner shoe @ 3172', CO to 3210', med to hvy 1" coal to fines. Pipe stuck @ 3210'. work pipe, pressure up on back side w/ air, work pipe free, pull bit above liner top. Circulate w/ air mist, returns-light 1/4" coal to fines, returns decreased to light fines. Natural surge w/ 2 hr SI's.

08-01-2004 Natural surge w/ 2 hr SI's, pressure-350 psi, SI for 4 hr surge. CO to 3222' w/ air mist, returns-med to heavy 1" coal to fines in dark brown water. Circulate @ 3222' w/ air mist, returns-med to heavy 1/4" coal to fines in brown water. Pull bit above liner top. Natural surge w/ 2 hr SI's, pressure-350 psi, returns-light fines and mist.

08-02-2004 TIH from liner top to TD, no fill. Circulate on bottom w/ air mist, returns-light coal fines. Dry well. TOH, LD 6-3 3/8" DC's. RU perforators. Computalog perforated w/ 3 1/8" casing guns w/ 4 spf, perforated 3085' to 3105' & 3115' to 3190', total of 380, 0.50" holes. RD perforators, secure location, SDON.

08-03-2004 TIH w/ expendable check and F-nipple on 2 3/8" tubing. Circulate w/ air and mist, tag TD, no fill. Land tbg, ran 103 jts 2 3/8" (3184.97') 4.7#, J-55, EUE 8rd tubing w/ expendable check on bottom @ 3196.97', 4' sub, 1.81" F-nipple @ 3179'. ND BOP's & blooie line. Pump off expendable check, circulate well w/ air mist. Turn well to production department, release rig @ 1600 hrs, 8/3/04.