

In Lieu of
Form 3160
(June 1990)

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

070 FARMINGTON NM

Lease Designation and Serial No.
NM-03189

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
COX CANYON UNIT #200A

9. API Well No.
30-045-32126

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

11. County or Parish, State
SAN JUAN, NM

SUBMIT IN TRIPLICATE

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)
1050' FSL & 2305' FEL, SW/4 SE/4 SEC 09-32N-11W

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.)*

04-19-2004 MIRU, spot in ramp & rig. RU rig & spot in equipment. SICP = 200 psi, blow well down, NDWH, NU bottom BOP's. PU DC's & XO's out of basket, inspect same, 1 bad box on XO, NU cavitation stack. HCR's & blooie lines, CO rams, RU rig floor. Tally/caliper DC's, CO & work tong heads, pull tbg hanger. PU & TIH w/6 1/4" bit, BS & eight 4 3/4" DC's, stab TIW. Test stack & HCR's (one bad hose), SWI & SDFN.

04-20-2004 SICP = 200 psi, blow well down, TIH w/89 jts 2 7/8" to 3047'. Tie back on single line, RU power swivel. Cont w/6 1/4" bit, tag bridge @ 3268'. Break circulation w/12 bph a/s/ci mist, CO to 3300', run (2) 6 bbl sweeps, rets lt coal & med shale. Blow well dry w/air only. LD 7 jts, PU bit to 3047'. Surge well f/ 3047' w/6 bph a/s mist @ 600 psi, inspect blooie line, rets air only, blooie line solid as a rock, flow nat 1/2 hr each surge. Surge w/6 bph a/s mist @ 650 psi, ret's lt mist, flow nat 1/2 hr each surge. Surge (2 times) w/8 bph a/s mist @ 750 psi, ret's lt mist, flow nat 1/2 hr each surge. Flow natural

04-21-2004 Surge f/ 3047', 12 bph mist, 1 hr = 700 psi, ret's lt wtr, flow natural 1/2 hr. Surge f/ 3047', 12 bph mist, 1 hr = 700 psi, ret's lt wtr, flow natural 1/2 hr, SWI for 4 hr natural build. 4 hr SI = 200 psi, ret's gas only. TIH from 3047', had 3' of fill. Pull up to 3270', surge w/ 12 bph mist, 1/2 hr = 900 psi, ret's mist only, flow well natural. Surge w/ 14 bph mist, 4 bbl pad @ 300 psi, 1/4 hr = 800 psi, ret's very lt coal & shale, circulate w/ air/mist 1/2 hr. Surge w/ 14 bph mist & 2 - 4 bbl pads @ 200 psi & 500 psi, 1/4 hr = 750 psi, ret's lt coal & shale, circulate 1/4 hr, bypass air, pull bit up to 3047'. Surge from 3047' w/ 14 bph mist, 1/4 hr = 700 psi, no ret's. Surge from 3047' w/ 10 bph mist, 1/4 hr = 700 psi, no ret's. Surge from 3047' w/ 14 bph mist, 1/4 hr = 700 psi, no ret's. Natural surge, 2 hr SI = 100 psi, ret's gas. Flow natural w/lt gas. Surge w/10 bph a/s mist @ 600 psi, ret's lt mist. Surge from 3047' w/15 bph a/s mist @ 720 psi, ret's lt coal & med wtr, flow natural 1/2 hr each surge.

Continue on Back

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

Signed Tracy Ross
Tracy Ross

Title Production Analyst

Date June 14, 2004

(This space for Federal or State office use)

Approved by _____

Title _____

Date JUN 18 2004

Conditions of approval, if any:

ACCEPTED FOR RECORD

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.

NMOCD

04-22-2004 Flow well natural. Surge from 3047' (2 times) w/15 bph a/s mist @ 720 psi, ret's lt coal/shale & lt wtr well seams to be drinking 90% of the wtr, flow natural each surge. SI for natural build up. Natural surge, 4 hr SI = 100 psi, ret's gas. TIH to 3300', no fill. Blow well w/air only (no fluid). LD 8 jts, hang swivel back, RU on 2 lines. TOO H w/bit, lock same in top rams. Attempt to surge well from surface, couldn't get top rams to stop leaking. Close blinds, pull 4 3/4" pipe rams, inspect same, bad shape, order rams. Service equipment, wait on rams, CO rams. Surge from surface w/10 bph a/s mist, ret's lt wtr & lt gas, flow natural 1 hr each surge, turn over to night crew. Surge 2 times w/15 bph a/s mist @ 800 psi, 1st = lt ret's, 2nd = med coal & med wtr, flow natural 1 hr each surge. Surge w/15 bph a/s mist @ 850 psi, ret's lt coal, flow natural.

04-23-2004 Surge f/surface w/air only @ 1140 psi, ret's lt coal & lt wtr, flow nat 1.5 hrs w/3' flare. SI for natural build up. Natural surge, 4 hr SI = 100 psi, lt ret's. Hang swivel back. TIH w/6 1/4" bit to 3047'. Tie back on single line, RU power swivel. PU & cont in w/bit, tag bridge/fill @ 3285'. Pump 15 bbls 2% kcl, tag fill @ 3290'. Break circ w/12 bph a/s mist, CO f/3290'- 3305' & fell thru, continue in & stack out @ 3342'. Hang swivel back, LD 10 jts, RU on 2 lines. TOO H w/bit. RU Black Warrior WL, dump bail 9 sacks cmt f/3342'- 3300', make two runs w/5" X 40' bailer, 4.5 sx per run, clean up. Close blinds, pres sqz to 200 psi, SDFN.

04-24-2004 SICP = 220 psi, blow well, RIH w/bailer, tag TOC @ 3312', POOH w/tools. Mix 2.5 sks cmt, RIH w/bailer, spot cmt f/3312'- 3302', POOH w/tools, RD BWWC. Close blinds, pres cmt to 250 psi w/air only, WOC, SDFN

04-25-2004 SICP = 200 psi, blow well down. TIH w/bit to 3047'. Tie back on single line, RU power swivel. PU & cont in w/bit, tag TOC @ 3309'. Break circ w/12 bph a/s mist, lean on cmt & fall thru, tag/stack out @ 3320', PU bit to 3300', pump 6 bbl sweep. Hang swivel back, LD 8 jts, RU on 2 lines. TOO H w/bit. RU Black Warrior WL, dump bail 4.5 sx cmt f/3300'- 3320', SI & SDFN

04-26-2004 SICP = 200 psi, blow well down. TIH to 3047'. RU power swivel. PU & cont in w/bit, tag TOC @ 3308'. Break circ w/12 bph a/s mist, lean on cmt & fall thru, tag/stack out @ 3318', PU bit to 3300', pump three 6 bbl sweeps. Hang swivel back, LD 8 jts. TOO H w/bit. RU Black Warrior WL, dump bail 4.5 sx cmt from 3318' to 3298', SWI, RD BWWC. Service equipment, WOC

04-27-2004 SICP = 200 psi, blow well down. TIH to 3047'. RU power swivel, continue in w/bit, stack out @ 3315', gained 3' of PBD. Hang swivel back, LD 8 jts. TOO H w/bit. RU Black Warrior, attempt to dump bail 6 sx of sand across thief zone, sand stuck in bailer, beat sand out of bailer @ surface, flush csg w/15 bbls 2% KCl, mix 4 sx cmt, RIH & tag sand @ 3304', dump cmt, POOH, SI well, RD BWWC

04-28-2004 SICP = 90 psi, blow well down. TIH w/bit to 3047'. PU & continue in w/bit, tag/stack out @ 3296'. Break circ w/10 bph a/s mist, unload hvy wtr, CO to new solid PBD @ 3296'. LD 7 jts, PU bit to 3047'. Surge well from 3047' w/air only @ 1200 psi, ret's air. Pressure up well w/15 bph a/s mist to 1000 psi, let well soak 2 hrs, surge, ret's clean, turn over to night crew. Flow natural. Surge from 3047' w/15 bph a/s mist (4 times), 1st 2 @ 650 psi, 2nd 2 @ 800 psi, ret's clean fluid & air, flow/open 30 min each surge. Pressure well to 1200 psi w/20 bph a/s mist, let soak 2 hrs & surge, ret's clean fluid w/trace coal, flow nat 45 min. Surge w/10 bph a/s mist @ 1100 psi, ret's lt.

04-29-2004 Flow natural for 1 hr. Surge f/shoe @ 950 psi w/ 12 bph a/s mist, rets no coal & lt wtr, flow natural for 1 hr. SI for natural build up. SICP 4 hrs = 20 psi. PU 7 jts 2 7/8" DP, no fill, heavy wtr, blow wtr off well, LD 4 jts DP. Surge well f/ 3205' @ 850 psi w/ 12 bph a/s mist, rets no coal & lt brown wtr, flow nat for 30 min. Pressure well @ 1050 psi w/ 8 bph a/s mist 2 gal soap per 10 bbls of wtr, SI for 2 hr, rets no coal, light brown wtr, flow for 1 hr. Surge well @ 1150 psi, w/ 8 bph a/s mist, rets trace coal & light wtr, flow natural for 1 hr. Surge well @ 1180 psi w/ 8 bph a/s mist, rets trace coal & med wtr, flow natural for 1 hr. Surge well @ 1200 psi w/ 10 bph a/s mist, rets trace coal, caught about 1 cup of fine coal w/ screen, med wtr, flow natural for 1 hr. Surge well @ 1200 psi w/ 10 bph a/s mist, rets trace coal & light wtr, flow natural for 1 hr. Pressure well @ 100 psi w/ 8 bph & soap pad @ start.

04-30-2004 Pressure well @ 1200 psi w/ 8 bph & soap pad @ start, SI for 2 hrs, rets trace coal lt brown wtr, flow nat for 1 hr. SI for natural build up. 4 hr SI = 120 psi. Nat surge, no coal & lt brown wtr. PU 4 jts 2 7/8" DP, tag 4' fill, break circ w/ 10 bph a/s mist, CO fill f/ 3292' to 3296', run two 5 bbl sweeps & blow well dry. LD 4 jts DP. Air only break over f/ 3205' @ 1140 psi, rets no coal & lt wtr. Pump one 5 bbl soap pad, pressure to 950 psi w/ 8 bph a/s mist, SI for 2 hrs, rets trace coal & lt wtr, flow nat for 1 hr, turn over to night crew. Pressure well @ 800 psi w/ 12 bph a/s mist, SI for 2 hrs, rets no coal & lt wtr, flow nat for 1 hr. Pump one 7 bbl soap pad, pressure @ 1000 psi w/ 8 bph a/s mist, SI for 2 hrs, rets trace coal & med wtr, flow nat for 1 hr. Pressure well @ 1000 psi w/ 15 bph a/s mist.

05-01-2004 SI well for 2 hrs @ 1000 psi, let soap soak, rets trace coal & med wtr, flow nat for 1 hr. SI for natural build up. 4 hr SICP = 80 psi. Nat surge, rets no coal & lt wtr. PU 4 jts DP, tag 10' of fill, break circ w/ 10 bph a/s mist, CO fill f/ 3286' to 3296', rets 60 % shale & 40 % coal, run one 5 bbl sweep. Surge well f/ 3270' w/ 10 bph a/s mist @ 1200 psi, SI for 1 hr to soak, rets trace shale & coal & (ice), med wtr. LD 4 jts DP, RD power swivel. TOO H w/ bit, lock same in top rams. Surge well f/ surface @ 1000 psi, w/ 12 bph a/s mist & one 6 bbl pad @ 200 psi, SI for 2 hrs to soak, rets trace coal & shale, lt wtr, turn well over to night crew. Surge f/ surface w/ 10 bph a/s mist @ 1140 psi, rets no coal & lt wtr, flow nat for 1 hr. Surge f/ surface @ 1150 psi, w/ 10 bph a/s mist & three 5 bbl pads, 1st @ 200 psi, 2nd @ 800 psi, & 3rd @ 1050 psi, rets trace coal & shale & med wtr, flow nat for 1 hr, berm on burn pit is starting to wash away. Air only break over @ 1240 psi, rets trace coal & lt wtr. Pump one 5 bbl pad, pressure well to 800 psi, SI to soak.

05-02-2004 2 hr SI @ 800 psi, rets trace coal, lt wtr, flow natural for 1 hr. SI for natural build up. 4 hr SICP = 80 psi. Natural surge, rets trace coal & lt wtr, flow nat for 1 hr. Surge f/ surface @ 800 psi w/ one 5 bbl pad & 8 bph a/s mist, rets trace coal & med wtr, flow nat for 1 hr, flare is appr. 5' high. Surge well @ 1000 psi w/ 12 bph a/s mist, SI for two hrs while Sierra put cement slabs on wall in burn pit, rets trace coal & lt wtr, flow nat for 1 hr, turn well over to night crew. Surge well @ 1200 psi w/ 8 bph a/s mist & one 5 bbl pad, rets no coal & very light wtr, flow nat for 1 hr. Surge well w/ air only twice @ 800 psi, rets on 1st surge, trace coal & med to heavy wtr, flow nat for 1 hr, rets on 2nd surge, no coal & lt to med wtr, flow nat for 30 min. Surge well f/ surface w/ 8 bph a/s mist @ 800 psi.

05-03-2004 Natural flow well. SI for natural build up. SICP 4 hr = 100 psi. Natural surge f/ surface, rets light to med coal, lt wtr. TIH w/ bit to 3046', tie back on single line. RU power swivel. PU 8 jts DP, tag fill @ 3282'. Break circ w/ 10 bph a/s mist, CO 14' of fill f/ 3282' to 3296', rets fine coal for 1st 15 min, coal changed to heavy 1/8" to 1" in size for appr. 45 min, run two 5 bbl sweeps. LD 8 jts 2 7/8" DP, set bit @ 3046'. Surge f/ shoe w/ 8 bph a/s mist @ 800 psi, rets light coal & light wtr, flow nat for 45 min. Surge f/ shoe w/ 10 bph a/s mist @ 1200 psi, rets light coal & light to med wtr, flow natural for 1 hr, appr. a 6' flare, turn over to night crew. Surge well w/ air only @ 800 psi, rets light coal & wtr, flow nat for 1 hr. Surge well w/ 10 bph a/s mist @ 980 psi, rets light coal & med wtr, flow nat for 1 hr. Surge well w/ 12 bph a/s mist @ 940 psi, rets light to med coal & med wtr, flow nat for 1 1/2 hr. Surge well w/ 12 bph a/s mist @ 800 psi, rets light to med coal & light wtr, flow nat for 1 hr.

05-04-2004 Natural flow well. SI for natural build up. SICP 4 hrs = 90 psi. Natural surge, rets coal dust & no wtr. PU 8 jts DP, tag fill @ 3284'. Break circ w/ 12 bph a/s mist, CO 12' of fill, circ well, rets med coal & shale appr. 50/50, heavy brown wtr, well circ med to heavy coal & shale appr. 1/8" to 3/4" in size for 1 hr, run one 5 bbl sweep. PU bit to 3270' & surge w/ air only @ 840 psi, rets light coal & shale & med brown wtr, flow natural for 1 hr. Lower bit & tag 4' of fill, break circ w 10 bph a/s mist, CO fill & circ well, rets light coal & shale 1/4" in size & light brown wtr. Surge well f/ 3270' w/ 15 bph a/s mist @ 840 psi, rets light coal & shale & light wtr, flow natural for 1 hr, turn over to night crew. Surge well w/ 7 bph a/s mist @ 800 psi, rets light coal & wtr, flow nat for 30 min. Surge well w/ 7 bph a/s mist @ 650 psi, rets light coal & wtr, flow nat for 1 hr. Surge well w/ 10 bph a/s mist @ 650 psi, follow w/ air & mist after surge for 30 min, rets light to med coal & light wtr, flow nat for 30 min. Surge well w/ air only @ 600 psi, follow surge w/ air for 30 min to try & bring some wtr back, rets light coal & light wtr, flow nat for 30 min. Surge well w/ 7 bph a/s mist @ 620 psi, took 2 hrs to reach 620 psi, appr 1 hr longer than it should

05-05-2004 Flow well natural. SI for natural build up. SICP 4 hrs = 140 psi. Natural surge, rets med coal 1/4" in size, med brown wtr, flow nat for 1 hr. Lower bit from 3270' to 3280' & tag 16' of fill, break circ w/ 10 bph a/s mist, CO fill, run six 5 bbl soap sweeps, rets heavy coal on 1st three sweeps, med coal on next two sweeps, light coal on last sweep, coal was appr. 1/4" in size. RD power swivel, change over to two lines. TOOH w/ bit, lock same in top rams. RU power swivel. Surge from surface w/ air only @ 1180 psi, pump 7 bbls sweep to try to get a break over, pressure dropped to 1150 psi, run air for 15 more min @ 1150 psi, rets light coal & wtr, flow nat for 1 hr. SI for nat surge, 4 hr SI = 140 psi, rets light coal & light wtr, flow nat for 1 hr. Surge well from surface @ 1180 psi, w/ 10 bph a/s mist & three 5 bbl pads, 1st @ start, 2nd @ 600 psi, 3rd @ 1100 psi, rets light to med coal 1/2" in size & light wtr, flow nat for 1 hr. Surge well w/ 7 bph a/s mist @ 1150 psi, rets med coal & wtr, flow nat for 1 hr.

05-06-2004 Surge well w/ 12 bph a/s mist @ 1120 psi, rets trace coal & light wtr, flow nat for 1 hr. SI for natural build up. 4 hr SICP = 90 psi. Surge well @ 1200 psi, w/ 8 bph a/s mist & two 5 bbl pads, 1st @ 200 psi, 2nd @ 800 psi, rets trace coal & light wtr. RD power swivel. TIH w/ bit to 3282' & tag fill, LD 2 jts 2 7/8" DP, set bit @ 3233'. RU power swivel, tie back on single line. Pressure well to 700 psi w/ 7 bph a/s mist, shut off mist, pump 5 bbl pad w/ rig pump, pressure w/ air to 1250 psi & pump 10 bbl pad, pressure w/ air to 1300 psi & pressure leveled off for 20 min, SI for two hrs, rets light to med coal, med wtr. Circulate wtr off well w/ air. Surge well w/ 8 bph a/s mist @ 800 psi, rets light coal & wtr, flow nat for 1 hr. Surge well w/ 8 bph a/s mist @ 1000 psi, rets light coal appr 1/4" in size & light wtr, flow nat for 1 hr. Circulate wtr off well. Surge well w/ 10 bph a/s mist @ 1000 psi, rets light coal & wtr, flow nat for 1.5 hrs.

05-07-2004 Circulate water off well. Natural flow well. SI for natural build up. 4 hr SICP = 60 psi. Natural surge well, rets trace coal & light wtr. PU 2 jts DP, tag fill @ 3276', Break circ w/ 10 bph a/s mist, CO 20' of fill f/ 3276' to 3296', run two 5 bbl sweeps, rets med coal appr. 1/4" in size & light wtr, LD 2 jts 2 7/8" DP, set bit @ 3230'. Surge well w/ 8 bph a/s mist @ 1000 psi, pump 7 bbl pad w/ rig pump, pressure w/ a/s mist to 1200 psi & pump 7 bbl pad, pressure w/ a/s mist to 1350 psi pressure leveled off for 10 min., rets light coal & wtr, flow nat for 1 hr. Surge well w/ 10 bph a/s mist @ 1100 psi, rets light to med coal & wtr, flow nat for 1 hr, turn over to night crew. Surge well w/ 10 bph a/s mist @ 1100 psi, rets light coal & med wtr, flow nat for 1 hr. Surge well w 12 bph a/s mist @ 600 psi, rets light coal & wtr, flow nat for 1 hr. Surge well w/ 8 bph a/s mist @ 1150 psi, rets light coal & med wtr, flow nat for 1 hr. Surge well w/ 8 bph a/s mist @ 1200 psi, rets light to med coal & med wtr, flow nat for 1 hr. Surge well w/ 10 bph a/s mist @ 1200 psi, rets light to med coal & med wtr, flow nat for 1 hr. Surge well w 10 bph a/s mist @ 1000 psi, rets light to med coal & light wtr.

05-08-2004 Flow natural for 1 hr. Surge well f/ 3230' w/ 10 bph a/s mist @ 1250 psi, rets light to med coal & light wtr, flow nat for 1 hr. SI for natural build up. 4 hr SICP = 90 psi. Natural surge, no coal & wtr. PU 2 jts DP, tag fill @ 3270', break circ w/ 10 bph a/s mist, CO 25' of fill f/ 3270' to 3296', rets 1/2" size coal & thick grey wtr, run six 4 bbl sweeps, rets med coal, circulate well for 30 min. Natural surge, 2 hr SI = 70 psi, rets trace coal & no wtr, follow w/ a/s mist & rets picked up to med coal & wtr, flow nat for 30 min, turn over to night crew. Natural surge, 2 hr SI = 60 psi, follow w/ a/s mist, rets med coal & hvy wtr, flow nat for 1 hr. Natural surge, 2 hr SI = 70 psi, follow w/ a/s mist, rets light coal & med wtr, flow nat for 1 hr. Surge well w/ 10 bph a/s mist @ 600 psi, rets trace coal & light wtr, flow nat for 1 hr. Surge well w/ 12 bph a/s mist @ 600 psi, rets trace to light coal & light wtr, flow nat for 1 hr.

05-09-2004 Flow natural. Surge well f/ 3230' w/ 12 bph a/s mist @ 800 psi, rets light coal & wtr, flow nat for 1 hr. SI for nat build up. 4 hr SICP = 90 psi. Natural surge, follow w/ 8 bph a/s mist, rets, med coal & hvy wtr, PU 2 jts DP tag fill @ 3290', LD 2 jts DP. Natural surge, 3 hr SI = 80 psi, follow w/ 8 bph a/s mist, rets med coal & med wtr, flow nat for 1 hr. Natural surge, 3 hr SI = 80 psi, follow w/ 8 bph a/s mist, rets light to med coal & med wtr, flow nat for 1 hr, turn over to night crew. Natural surge, 3 hr SI = 90 psi, follow w/ 8 bph a/s mist, rets light coal & med wtr, flow nat for 1 hr. Surge well w/ 10 bph a/s mist @ 780 psi, rets light coal, med wtr, follow w/ air for 1 hr, rets light coal constant. Surge well w/ 10 bph a/s mist @ 700 psi, follow w/ air for 1 hr, rets light to med coal & med wtr.

05-10-2004 Flow natural, appr. 6' flare. Surge well f/ 3230' w/ 10 bph a/s mist @ 840 psi, rets light coal & wtr, follow w/ air for 1 hr, rets increased slightly. SI for natural build up. 4 hr SICP = 90 psi. Natural surge, rets trace coal & no wtr, follow w/ a/s mist for 1 hr, rets light coal & hvy wtr. PU 2 jts 2 7/8" DP, tag fill @ 3280', break circ w/ 10 bph a/s mist, CO 16' of fill, run five 5 bbl sweeps, rets on 1" three sweeps med coal 1/8" to 3/4" in size, hvy gray & black wtr, rets on last 2 sweeps, light to med coal 3/4" in size, light brown wtr. Blow well dry, LD 1 jt 2 7/8" DP set bit @ 3270'. Flow nat for 45 min to get air off well, Gauge well on 2" open line but was to light to gauge, gauge well on 1" open line @ 83 mcfd, all gauges dry = 4 oz.. Surge well w/ air only @ 900 psi, well broke over, follow surge w/ 8 bph a/s mist, rets trace coal & no wtr, turn over to night crew. Surge well w/ 12 bph a/s mist @ 800 psi, follow surge w/ 8 bph a/s mist, rets trace to light coal & light wtr, flow nat for 30 min. Surge well @ 800 psi w/ 12 bph a/s mist & one 5 bbl pad, follow surge w/ air, rets light coal & wtr, flow nat for 30 min. Surge well @ 800 psi w/ 10 bph a/s mist & two 5 bbl pads, follow w/ air, rets light to med coal & med wtr, flow nat for 30 min. Surge well w/ 10 bph a/s mist @ 840 psi, follow surge w/ a/s mist, rets med coal & wtr, flow nat for 1 hr. Surge well w/ 10 bph a/s mist @ 800 psi.

05-11-2004 Follow surge w/ a/s mist, rets light coal & wtr. Flow natural. SI well for natural build up. 4 hr SICP = 80 psi. Natural surge, follow w/ air, rets light coal & hvy wtr. PU 1 jt 2 7/8" DP, tag fill @ 3280', break circ w/ 10 bph a/s mist, CO fill f/ 3280' to 3296', run eight 4 bbl sweeps, rets on 1st four sweeps med coal & med dark wtr, last 4 sweeps light to med coal appr. 1/2" in size, work pipe between sweeps. Surge well w/ 12 bph a/s mist @ 1180 psi, follow surge w/ a/s mist, rets light coal & light wtr, flow nat for 1 hr. Surge well w/ 12 bph a/s mist @ 960 psi, follow w/ a/s mist, rets light coal & wtr, flow nat for 1 hr. Surge well w/ 10 bph a/s mist @ 1080 psi, follow w/ a/s mist, rets light to med coal & light wtr, flow nat for 1 hr. Surge well w/ 10 bph a/s mist @ 1080 psi, follow w/ a/s mist, rets light to med coal & light wtr, flow nat for 1 hr. Surge well w/ 10 bph a/s mist @ 1100 psi, follow w/ a/s mist, rets light to med coal & med wtr, flow nat for 1 hr.

05-12-2004 Flow well. SI for natural build up. 4 hr SI = 80 psi. Natural surge, follow w/ a/s mist, rets med coal & hvy wtr. PU 1 jt DP, tag fill @ 3280', break circ w/ 12 bph a/s mist, CO fill f/ 3280' to 3296', run four 5 bbl sweeps, 1st two sweeps rets med coal & wtr, last two sweeps light coal & med wtr. Blow well dry. RD power swivel, change over to 2 lines. TOOH w/ bit, RU power swivel, lock bit in top rams. Surge well w/ air only, well broke over @ 1000 psi, rets trace coal & no wtr. SI for natural surge, 2 hr SI = 40 psi, rets trace coal & no wtr. SI for natural surge, 3 hr SI = 50 psi, rets trace coal & no wtr. SI for natural surge.

05-13-2004 Natural surge, 3 hr SI = 50 psi, rets trace coal & no wtr, flow nat for 1 hr. SI for natural build up. 4hr SI = 50 psi. Nat surge, no coal or wtr, appr. 5' flare. RD power swivel. TIH w/ bit to 3220'. RU power swivel, tie back on single line. PU 8 jts 2 7/8" DP, tag fill @ 3275'. Break circ w/ 10 bph a/s mist, CO 20' of fill f/ 3275' to 3296', run five 4 bbl sweeps, first three sweeps rets med coal 1/8" to 5/8" in size & hvy black wtr, last 2 sweeps rets light to med coal & light brown wtr, turn over to night crew. LD 1 jt DP, surge f/ 3270' w/ 10 bph a/s mist @ 1000 psi, follow surge w/ a/s mist, rets light coal & wtr & 1/2" chunks of ice, flow nat for 1 hr. Surge well w/ 10 bph a/s mist @ 1060 psi, follow surge w/ a/s mist, rets light coal & wtr, flow nat for 1 hr. Surge well w/ 10 bph a/s mist @ 1020 psi, follow w/ a/s mist, rets light coal & wtr, flow nat for 1 hr. Surge well w/ 10 bph a/s mist @ 960 psi, follow w/ air only, rets light coal & med wtr, flow nat for 1 hr. Surge well w/ 8 bph a/s mist @ 1000 psi, follow w/ air only, rets light coal & med wtr, flow nat for 1 hr.

05-14-2004 Circulate wtr off well for 1 hr, flow natural for 2 hrs. SI for natural build up. 4 hr SICP = 90 psi. Natural surge, follow w/ air, rets light coal & mist. PU 1 jt DP tag fill @ 3280', break circ w/ 8 bph a/s mist, CO 15' of fill f/ 3280' to 3296', run three 5 bbl sweeps, rets light to med coal & med wtr. Blow well dry, LD 1 jt DP. Surge well down the backside w/ air only, well broke over @ 1060 psi, follow surge w/ air for 30 min, flow nat for 30 min. Natural surge, 3 hr SI = 100 psi, follow surge w/ air, rets light coal & wtr, flow natural for 1 hr. Natural surge, 2 hr SI = 70 psi, follow surge w/ air, rets light coal & wtr, flow natural for 1 hr. Natural surge, 3 hr SI = 100 psi, follow surge w/ air, rets light to med coal & light wtr, flow nat for 1 hr. Natural surge

05-15-2004 SI for natural surge, 3 hr = 90 psi, follow w/ air, rets med coal & wtr, flow natural for 30 min. SI for natural build up. 4 hr SICP = 120 psi. Natural surge, follow w/ air, rets med coal appr 1/8" in size & light wtr, flow natural for 45 min. PU 1 jt DP, tag @ 3290', tried to break circ but bit was plugged, pressure to 2000 psi, would not unplug. TOO H w/ bit, break bit off & clean it out, packed with fine pepper looking coal. RU power swivel, put bit on & lock in top rams. Surge f/ surface w/ 10 bph a/s mist @ 1000 psi, rets light coal & wtr, flow natural for 1.5 hrs. Surge well w/ 10 bph a/s mist @ 1040 psi, rets light coal & mist, flow natural for 1 hr. Surge well w/ 8 bph a/s mist @ 1060 psi, rets light coal & mist, flow natural for 1 hr. Surge well w/ 8 bph a/s mist @ 1060 psi, rets light coal & wtr, flow natural for 1 hr. Surge well w/ 10 bph a/s mist @ 1080 psi, rets light coal & wtr flow natural for 2 hrs.

05-16-2004 Surge well w/ 10 bph a/s mist @ 1100 psi, SO for 1 hr, rets light coal & wtr, flow natural for 1 hr. SI for natural build up. 4 hr SICP = 90 psi. Natural surge, rets light coal & mist, flow natural for 1 hr. Unlock rams, RD power swivel. TIH w/ bit to 3220', tie back on single line. RU power swivel, PU 8 jts DP, tag fill @ 3275'. Break circ w/ 8 bph a/s mist, CO 20' of fill f/ 3275' to 3296', rets hvy fine coal about the size of pepper, run four 5 bbl sweeps, rets hvy coal, f/ pepper size to 3/4", bit hung up on fourth sweep, pressure down csg to 700 psi then down tbg, pipe came free, rets hvy coal 1/2" in size & light wtr, pull up to 3270' to circ clean, turn over to night crew. Circ well w/ 4 bph a/s mist, rets med coal & light wtr. SI for nat surge, 3 hr SI = 100 psi, follow surge w/ air, rets med coal & light wtr, nat flow for 30 min. Surge well w/ 4 bph a/s mist @ 420 psi, follow surge w/ air for 30 min, rets med to hvy coal & med wtr, flow nat for 30 min. SI for nat surge 3 hr SI = 110 psi

05-17-2004 Natural surge, 3 hr SI = 110 psi, follow surge w/ air, rets med coal & light wtr, circulate w/ air for 1 hr, flow natural for 2 hrs. SI for natural build up. 4hr SI = 100 psi. Natural surge, follow w/ air, rets light to med coal approx 1/16" to 3/8" in size & light wtr, circulate w/ air for 1 hr. PU 1 jt DP, tag fill @ 3280', break circ w/ 10 bph a/s mist, CO 16' of fill, rets hvy coal, fine to 1/8" in size, run four 4 bbl sweeps, rets med coal 1/4" in size & constant fine coal. LD 1 jt DP, set bit @ 3270', blow well dry. Surge well w/ 8 bph a/s mist @ 400 psi, rets med coal approx 1/8" in size & light wtr, circ w/ air for 1 hr. SI for natural surge, 3 hr SI = 90 psi, follow surge w/ air only, rets light to med coal & light mist, flow natural for 30 min. Surge well w/ 4 bph a/s mist @ 400 psi, follow surge w/ air, rets med coal & light wtr, circ w/ air 30 min, flow natural for 30 min. SI for natural surge, 3 hr SI = 100 psi, follow surge w/ air, rets light coal & wtr, flow natural for 30 mins. SI for natural surge.

05-18-2004 SI for natural surge, 4 hr SI = 120 psi, follow surge w/ air, rets light to med coal & light mist, circ w/ air for 30 min, flow nat for 1 hr. SI for natural build up. 4 hr SI = 100 psi. Natural surge, follow w/ air for 1 hr, rets light coal appr. 1/4" in size & light wtr. PU 1 jt DP, tag fill @ 3280', CO 16' of fill, rets fine to 1/4" in size & light wtr, run five 5 bbl sweeps, rets on 1" three sweeps med coal appr. 1/2" to 1" in size, last two sweeps, light to med coal 1/4" in size. Blow well dry, LD 1 jt 2 7/8" DP, set bit @ 3270'. SI for natural surge, 4 hr SI = 140 psi, follow surge w/ air for 30 min, rets light coal & light mist, flow nat for 30 min, turn over to night crew. SI for natural surge, 4 hr SI = 140 psi, follow surge w/ air for 30 min, rets light to med coal & light wtr, flow nat for 30 min. SI for natural surge

05-19-2004 SI for natural surge, 4 hr SI = 130 psi, follow surge w/ air for 30 min, rets light to med coal 1/4" in size & light mist, flow nat for 1 1/2 hr. SI for natural build up. 4 hrs SI = 140 psi. Natural surge, follow surge w/ air, rets light coal & wtr. PU 1 jt DP & tag fill @ 3275', break circ w/ 8 bph a/s mist, CO 21' of fill f/ 3275' to 3296', rets med coal appr. 1/2" in size, run five 4 bbl sweeps, rets med 1/2" coal. Blow well dry. LD 8 jts 2 7/8" DP. RD power swivel, change over to 2 lines. TOO H w/ bit. RU power swivel, lock bit in top rams. Natural surge f/surface 2 times, both 3 hr SI = 120 psi, ret's lt, flow nat 1 hr each. SI for 3 hr natural build up.

05-20-2004 Natural surge f/surface, 3 hr SI = 120 psi, ret's lt, flow natural 1 hr. SI for natural build up. Natural surge f/surface, 5 hr SI = 140 psi, ret's lt coal, flow natural 1 hr. Natural surge, 3 hr SI = 120 psi, ret's gas, flow natural 1 hr. Natural surge, 4 hr SI = 130 psi, rets gas, flow natural 1 hr, service & power wash rig, turn over to night crew @ 1400 hrs. Natural surge, 4 hr SI = 140 psi, ret's lt coal, flow natural 1 hr. SI for natural build up.

05-21-2004 Natural surge from surface (4 times), SI & secure well for weekend.

05-24-2004 Natural surge, 53 hrs SI = 200 psi, ret's lt fine coal dust, flow natural 1 hr. TIH to 3047', RU power swivel, PU & continue in, tag 16' of fill @ 3280', break circulation w/ 12 bph a/s mist. CO to PBTB @ 3296', run three 6 bbl sweeps, blow dry. Hang swivel back, LD 97 jts 2 3/4" AOH DP, lock in bottom rams, SWI, SDFN.

05-25-2004 SICP = 200 psi, blow well down. LD remaining DP & eight 4 3/4" DC's. CO to run 2 3/4" prod tbg. Tally, PU & TIH w/prod tbg as follows: 1/2" mule shoe, 1.80" SN & 105 new jts 2 3/4", 4.7#, J-55, EUE tbg, land tbg @ 3275' kb (105 jts total). RD rig floor, ND stripper head, HCR's & BOP stack (inventory same w/Knight hand on loc). NUWH, pressure test to 2500 psi & held. RD rig & equip, release well to production department.

NOTE: Verbal approval was received to dump bail cmt to plug off the PC from Chip Herrendon with the BLM on 04/23/04.