

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.
NMSF-078771

6. If Indian, Allottee or Tribe Name

7. 2006 AUG 7 A. Agreement Designation

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)
780' FSL & 1800' FEL, SW/4 SE/4 SEC 23-T31N-R06W

8. Well Name and No.
0705A UNIT W/4B ON NM

9. API Well No.
30-039-26945

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

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 Operations

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.)*

10-11-2005 MIRU. ND frac Y & valve. NU BOP, MI 2 7/8" work string tbg. MU 2 7/8" bit & TIH w/ same on 450' of 1 1/2" x 4.9# work string. PU tbg in singles & start TIH. Hung tbg off @ 1600', SDFN.

10-12-2005 Complete singling in hole with 2 7/8" bit on 1 1/2" & 2 7/8" tbg. Tag TOC @ 7854'. NU power swivel and circulating pump. Broke circulation with water. Drill cmt from 7854' to PBTD @ 7935'. ND, load out power swivel. TOOH w/ 2 7/8" & 1 1/2" tbg & bit. ND BOP & mud cross, NU frac valve & Y. MIRU Halliburton logging equipment. Ran TMDL across DK zone. RD Halliburton, 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 August 2, 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.

ACCEPTED FOR RECORD

AUG 07 2006

NMOC

FARMINGTON FIELD OFFICE

8

10-13-2005 MIRU BWWC. TIH, spot 15 gals 28% HCl across lower perms. Perf DK zone from 7766' to 7901' w/ 78 x 0.32" x 30" pent x 120 deg x 11 gram x 3 SPF with 2 1/2' tag guns as follows: 7766', 82', 85', 88', 91', 94', 97', 7800', 26', 29', 32', 35', 38', 41', 44', 49', 54', 63', 66', 69', 72', 76', 79', 95', 98' & 7901'. MIRU BJ Services. Broke down DK perms as follows: broke down @ 1262 psi. Pumped ahead with 19 bbls 7.5% HCl w/ 80 bio balls evenly dispersed established 32.7 BPM rate @ 3023 psi. Very good ball action, balled off at 4048 psi. Pumped a total of 19 bbls 7.5 HCl. Pumped a total of 241 bbls water. Rigged to frac while letting bio balls degrade. Frac DK perms 7766' to 7901' = 78 holes with BJ 60Q foam - Lightening 22 frac as follows: pumped 95 bbl pad at 30 bpm rate at 3077 psi at start of pad and 38.5 bpm rate at 4030 psi at end of pad. Pumped 5 sand stages of 16/20 Carbolite at 0.5# - 1.0# - 2.0# - 3.0# - 5.0# at 34.6 bpm rate at 3869 psi at start of sand stages and 22.1 bpm rate at 4150 psi at end of sand stages. Cut nitrogen and flushed with water. Left 272' sand in pipe -- flushed with 136 bbls water, left top of sand at 7378'. Start of flush 22.1 bpm rate at 4150 psi and maxed at 4548 psi, SD. Total nitrogen pumped = 638,380 scf. Total sand pumped = 59,000#. Total sand pumped into formation = 54,000#. Total water pumped = 555.9 bbls. Total 7.5% HCl = 19 bbls. ISIP = 4182# 5 min = 3492# 10 min = 3576# 15 min = 3684#. Aver rate = 34.4 bpm aver press = 3840 psi. Frac gradient at end = .71 shut in at 1530 hrs. Min rate = 32.0 bpm min press = 3021 psi. Max rate = 38.5 bpm max press = 4548 psi. RD BWWC & BJ Services. Opened well through 1/8" choke. 1630 hrs: 2800 psi, foam, no sand, 1/8" choke. 1700 hrs: 1950 psi, foam, no sand, 1/8" choke. 1730 hrs: 1850 psi, foam, no sand, 1/8" choke. Turn well to night crew. Continue flow back on 1/8" choke. 1800 hrs: 1800 psi, foam no sand. 1900 hrs: 1720 psi, foam, no sand. 2000 hrs: 1640 psi, foam, no sand. 2100 hrs: 1560 psi, foam, no sand.

10-14-2005 Flowed back DK frac through 1/8" choke manifold, recovering 1t gel wtr. Turn well to night crew, FB DK over night.

10-15-2005 Flowing back DK frac through choke manifold. Well started loading up at 1400 hrs, adjusting choke size to unload water. Recovering light broken get water & intermittent light to trace sand. Recovered 400 bbls frac water to date. Avg water recovery 6 bph. Secure well, SDFN.

10-16-2005 Flowing back DK frac through choke manifold, adjusting choke size to unload water. @ 1400 hrs, SWI for 1 hr & opened up on 1/2" choke. Well surging & making water. @ 1800 hrs well making gas but unable to recover any water. SWI @ 1900 hrs. Will do pressure build up over night. Flowing back on 1/8" choke holding 20 psi on csg. Recovered 500 bbls water total, no sand recovery today. SDFN.

10-17-2005 Csg pressure = 1100 psi. Bled down csg, recovered 30 bbls water. ND frac Y, NU BOP, installed work platform, prepare to TIH w/ tbg. MU 2 7/8" bit & TIH w/ same, tbg unloading water. Tagged up @ 7790', trip up hole to PU power swivel, unable to pull above 7780', NU power swivel & air package, build pressure to 1300 psi & air package blew a gasket. Down for repairs. Pumping air & rotating with power swivel, unable to get circulation. Pumping air into formation at 1300 psi, worked stuck pipe & lost all movement, stuck solid @ 7790'. Secure well, SDFN.

10-18-2005 Csg = 1100 psi, tbg = 1300 psi. Bled down tbg by surging through blooie line while pulling on tbg, tbg pulled free @ 7657'. Rig broke down, unable to pull on tbg. Recovered 40 bbls water flowing back through blooie line. Well stopped flowing back after 40 mins, well dead. Sent fishing tool man & WL Specialties in. Work on rig, unable to get up & running. SWI for pressure build up. SDFN.

10-21-2005 1300 psi on csg. Surged off pressure through blooie line and worked stuck pipe. Worked stuck pipe out of 65' liner. Well blowing good up csg & unloading water on its own. NU air pack, pump down tbg boosting with mud pump. Unable to break circulation with 2200 psi. ND power swivel & air pack. TOO H w/ 2 7/8" & 1 1/2" tbg and bit. Pulled tbg wet. The bottom 6 singles of 1 1/2" tbg full of sand, cleaned sand out of tbg. MU 4 3/4" tri-cone bit, TIH w/ same on 2 7/8" N-80 work string tbg. Ran 40 jts & made well safe for night. NU to flow back through blooie line. Flow back hand on location to monitor flow back. Recovering 3 bph frac water with trace sand. Flaring and evaporating reserve pit water. SDFN.

10-22-2005 Flowed back DK frac overnight through blooie line. Recovered 2 bph water and light/trace sand. Flared and evaporated reserve pit water. TIH w/ 4 3/4" bit on 2 7/8" work string tbg, hung tbg off at 7000'. NU air pack, broke circulation with 10 bph air/soap/corrosion inhibitor. Circulated and recovered trace sand. Made soap sweeps until clean. TOO H with tbg and bit. ND BOP, NU frac Y. MIRU BWWC wireline. Pumped 5 bbls 2% KCl down csg to clear of any sand in csg collars. TIH w/ BWWC gauge ring to 6500'. TIH w/ Weatherford 5 1/2" x 17# RBP, set @ 6000'. Ran dump bailer, spotted 10' sand on top of RBP. Filled csg w/ 139 bbls 2% KCl, pressure tested RBP at 2000 psi. TIH w/ dump bailer, spotted 15 gals 28% HCl at 7901' bottom perforation. BWWC perforated PLO w/ 3 1/8" select fire guns w/ 48 x 0.38" x 30" pent x 120 deg x 11 gr x 1 -spf as follows: 5575', 80', 86', 92', 98', 5605', 10', 16', 22', 28', 34', 40', 46', 52', 56', 60', 67', 74', 80', 85', 5689', 97', 5703', 06', 12', 24', 35', 40', 46', 52', 61', 65', 74', 80', 88', 94', 5800', 06', 10', 18', 24', 30', 36', 44', 48', 52', 60' & 66'. Perforated under 2000 psi, broke down and pumping into formation at 800 psi at 6 bpm rate. ND BWWC WL equipment. SDFN.

10-24-2005 MIRU BJ frac equipment. Broke down & balled off PLO perforations from 5575' to 5866' = 48 holes as follows: loaded hole with 35 bbls slickwater, dropped 75 1.3 ball sealers in 24 bbls 7.5% HCl. Broke down @ 1859 psi, established 30 bpm rate @ 1500 psi, balled off at 3450 psi, had good ball action. TIH w/ junk basket & retrieved 75 ball sealers w/ 48 hits. Frac PLO w/ BJ slickwater Lite Prop 125 frac as follows: pumped 238 bbls slickwater pad at 90 bpm rate @ 2400 psi @ start & 107 bpm rate @ 2790 psi @ end of pad. Pumped 3 sand stages of 14/30 Lite Prop @ 0.1# - 0.2# - 0.3# and 1 stage of Brady 20/40 @ 1.0# @ 108 bpm rate @ 2470 psi @ start of sand stages & 109 bpm rate @ 2640 psi @ end of sand stages. Flushed to top perf @ 5575' with 129.3 bbls slickwater @ 109 bpm rate @ start of flush & 52 bpm rate @ 400 psi @ end of flush. ISIP = 111 psi. 5 min = 0 #. End frac gradient = .453 avg rate = 107.4 bpm avg pressure = 2662 psi. Min rate = 85.1 bpm, min press = 2032 psi. Max rate = 110.3 bpm, max press = 3191 psi. Total water pumped = 1915 bbls. Total 7.5% HCl = 24 bbls. Total 14/30 Lite Prop pumped = 9540#. Total 20/40 Brady pumped = 3300#. Total sand into formation = 12,840#. RU BWWC, TIH w/ Weatherford 5 1/2" retrievable bridge plug & set @ 5550'. TIH w/ dump bailer & spotted 10' sand on top of RBP. TIH w/ dump

bailer & spotted 15 gals 28% HCl across bottom CH/MEN area to be perforated. TIH & perf CH/MEN from 5307' to 5527' = 36 holes with 3 1/8" select fire guns with 36 x 0.38" x 11 gr x 120 deg x 30" pent x 1 spf as follows: 5307', 10', 13', 16', 18', 20', 27', 34', 40', 49', 54', 58', 60', 64', 68', 72', 76', 80', 88', 98', 5408', 14', 18', 20', 22', 25', 62', 64', 66', 77', 79', 81', 5523', 25' & 27'. Perforated under 2000 psi, broke down & pumping into @ 6 bpm @ 1200 psi. Broke down & balled off CH/MEN as follows: broke down @ 1410 psi. Established 23 bpm rate @ 1330 psi, dropped 60 1.3 ball sealers in 24 bbls 15% HCl, balled off @ 4139 psi, good ball action. Pumped a total of 24 bbls 15% HCl & 137 bbls water. TIH w/ junk basket & retrieved 60 ball sealers. Frac CH/MEN perforations from 5307' to 5527' = 36 holes with BJ slickwater Lite Prop 125 frac as follows: pumped 238 bbl slickwater pad @ 99 bpm @ 3113 psi @ start of pad & 99.6 bpm @ 3031 psi @ end of pad. Pumped 3 14/30 Lite Prop stages @ 0.1# -- 0.2# -- 0.3 # & 1 20/40 Brady stage @ 1.0# @ 99.4 bpm rate @ 3016 psi @ start of sand stages & 86.1 bpm @ 2550 psi @ end of sand stages. Flushed to 5307' top perforation with 123.1 bbls slickwater @ 86.1 bpm rate @ 2555 psi @ start of flush & 39 bpm rate @ 1045 psi @ end of flush. ISIP = 278#, 5 min = 70#, 10 min = 50#, 15 min = 39#. Frac gradient @ end of frac = .48. Avg rate 90.3 bpm. Avg press = 2759 psi. Min rate = 58.7 bpm, min pressure = 2266 psi. Max rate = 100.2 bpm, max pressure = 3121 psi. Pumped 9460# 14/30 Lite Prop. Pumped 3300# 20/40 Brady sand. Pumped total of 12,760# sand into formation. Pumped a total of 24 bbls 15% HCl. Pumped a total of 2079 bbls water. SWI w/ 39 psi @ 1900 hrs. RD BWWC & BJ frac equipment. SDFN.

10-25-2005 ND frac Y & frac valve, NU & function test BOP, NU w/ blooie line. MU 5 1/2" Weatherford retrieving head, TIH w/ same on 2 7/8" N-80 work string tbg. Stage in hole, unloading frac water. Located top of sand fill @ 5514'. Bottom perf @ 5527', bottom 3 holes sanded off. NU power swivel, broke circulation w/ 10 bph air/soap/corrosion inhibitor, unloaded wellbore of frac water. Recovered 300 bbls frac water w/ hvy sand. CO sand fill from 5514' to 5535' = 15' above RBP, circulate with air, recovering 5 bph frac water w/ hvy sand. Trip up hole w/ tbg & hang off at 5251' = 56' above all perforations. Circulating w/ air/soap/corrosion inhibitor & flowing back through blooie line. Recovering 35 bbls frac water w/ hvy sand. Turn well over to flow back hand. Circulating w/ air & flowing back through blooie line. Recovering 35 bph frac water & hvy sand.

10-26-2005 Circulate & flow back over night. Recovered 240 bbls frac water w/ lt-med sand. TIH, tag top of sand fill @ 5514' = 21' sand fill over night. Circulated sand from 5514' to top of RBP @ 5550'. Circulated clean & made soap sweeps. Latch onto RBP @ 5550', equalized pressure & release RBP, well came around & unloaded 200 bbls frac water w/ lt-med sand. Circulated clean & made soap sweeps until clean. TOOH, RBP dragging & hanging up for first 15 stds of pipe pulled. Got out of hole & did not have RBP. Retrieving head damaged, J-slot & spring stripped out of bowl, leaving same in hole on top of RBP. Flowed back through choke manifold & equalized csg pressure. RU to flow back CH/MEN & PLO through blooie line, turn well to flow back man to monitor flow back.

10-27-2005 Offload DC's & fishing tools. MU overshot w/ basket grapple, float sub, bumper sub, jars, DC's & accelerator. TIH w/ same on 2 7/8" work string. Tagged top of RBP @ 5963', broke circulation w/ 10 bph air/soap/corrosion inhibitor. Chased RBP down hole to 5981', circulated clean. Start RBP moving up hole. TOOH w/ tbg & fishing assembly, slowly recovered total fish, broke down & loaded out fishing tools, single down w/ DC's. Turn well to night crew. Flow back PLO & CH/MEN over night through blooie line. Recovering 15 bph frac water w/ trace to no sand. Flaring & evaporating water from reserve pit.

10-28-2005 Flowed back MV through blooie line overnight. Recovered 10 bph water and no sand. Flaring and evaporating reserve pit water. MU & TIH w/ 5 1/2" Weatherford retrieving head. Tagged top of sand fill at 5960'. NU power swivel, unable to break circulation with air. Attempted to break free with circulating pump to no avail., ND power swivel and air pack. TOOH w/ tbg, found rust and dirt on top of string float. Cleaned out same. TIH w/ retrieving head, tagged top of sand fill at 5960'. NU power swivel & air pack. Broke circulation with 10 bph air/soap/corrosion inhibitor. Circulated sand fill from 5960' to RBP at 6000', made soap sweeps. Latched onto RBP and equalized pressure. Released RBP and got moving up hole. TOOH w/ RBP, dragging, pulled slowly. Broke down and loaded out with RBP and tools. Turn well to night crew to flow back MV & DK through blooie line. Flowing back all zones through blooie line. Flow back hand on location to monitor flow back. Recovering 10 bph water with trace/light sand.

10-29-2005 Flowing back MV & DK zones through blooie line. Recovering 8 bph frac water & no sand. Flaring & evaporating water from reserve pit. Flow back hand on location to monitor flow back.

10-30-2005 Flowing back MV & DK zones through blooie liner. Recovering 2 bph frac water & no sand. Flaring & evaporating water from reserve pit. Flow back hand on location to monitor flow back.

10-31-2005 MU 2 7/8" blade bit & 370' 1 1/2" tbg, TIH w/ same, scale & rust failing out of 1 1/2" tbg. Attempt to break circulation w/ water, 1 1/2" tbg plugged. TOOH w/ 1 1/2" tbg & located 2 plugged jts. Replace plugged tbg. TIH w/ 2 7/8" blade bit & 1 1/2" tbg on 2 7/8" tbg, stopped at TOL. NU air package, broke circulation @ TOL, circulated in hole w/ tbg from TOL @ 7601' to solid fill @ 7805' = 96' perforations covered. Circulated sand fill from 7805' to PBDT @ 7935'. Circulated clean & made soap sweeps. Trip up hole w/ tbg & hung off @ 7375' = 200' above TOL. RU to flow back overnight through blooie line. Turn well to flow back hand. Flow back all zones through blooie line over night. Recovering 5 bph water & trace sand.

11-01-2005 Flowed back over night through blooie liner, recovered 4 bph water & lt/med sand. TIH w/ tbg & bit, broke circulation @ TOL, circulated in hole with air. Tagged top of sand fill @ 7830' = 105' sand fill entry over night = 71' DK perforations covered. Circulated sand fill from 7830' to PBDT @ 7935'. Circulated w/ 10 bph air/soap/corrosion inhibitor, making hourly soap sweeps. Recovering light/trace sand w/ 4 bph water. Trip up hole w/ tbg & hung off 200' above TOL. Turn well over to flow back hand. Flow back through blooie line, recovering 3 bph water & light/trace sand.

11-02-2005 Flowed back over night through blooie line. Stopped making sand at 2400 hrs. Recovering 2 bph water. TIH w/ tbg, broke circulation at top of setting tool and circulated in hole with air. Tagged top of sand fill at 7933'. Circulated sand fill from 7931' to PBTD at 7935'. Circulated and made soap sweep. ND air pack and power swivel. TOOH w/ tbg. MIRU BWWC, TIH w/ gauge ring. TIH w/ Weatherford 5 1/2" Aero Drill pkr, wireline set seal assembly production packer at 5920'. TOOH w/ setting tool, tool hung up at 131', worked setting head up hole to 116'. Able to pump water past tool and well blowing up around tool. Closed well in for pressure build up, SDFN.

11-03-2005 Csg = 500 psi. Surged off pressure & worked stuck setting tool. Moved up hole & line parted @ 3100# pull. Left 30' wireline in hole on top of setting tool and collar locator. TOF @ 105' ?? Ordered fishing tools and 2 7/8" work string from Farmington. ND BWWC, NU blooie line and installed 2 7/8" BOP rams. MO 2 1/16" tbg trailers, move in & spot 2 7/8" work string trailers. MU 3 1/8" rope spear w/ 4 3/4" stop, 3 3/4" bumper sub & 1 DC, TIH w/ same to 500', did not encounter fish. TOOH w/ spear assembly. MU 4 3/4" cut rite mill shoe, 3 3/4" top sub, 3 3/4" bumper sub, 3 3/4" jars & 4 DC's, TIH w/ same on work string. PU tbg, hang tbg off.

11-04-2005 Completed TIH w/ mill shoe assembly, PU 2 7/8" tbg, TIH, tag TOF @ 5916'. NU power swivel & air pack, broke circulation with air/soap/corrosion inhibitor. Milled over wireline setting tool and collar locator from 5916' to 5919', circulated wellbore clean & made soap sweep. TOOH w/ tbg & mill, wash over shoe indicated we were on top of the 4" collar locator. Broke down and loaded out with wash over shoe assembly. MU 4 11/16" overshot with 3 1/8" basket grapple, bumper sub, jars & DC's. TIH w/ same on 2 7/8" work string. Hung off at 600'. made safe for night.

11-05-2005 Bled down to safe working conditions, TIH w/ tbg & fishing assembly. Tagged TOF @ 5916', singled out w/ tbg lines. Engaged fish, worked fish & jarred @ 6000#, got fish moving, fish dragged for 900'. TOOH w/ tbg & fishing assembly, pulled slowly, recovered all setting tool & collar locator w/ 20' WL, broke down & loaded out fish & fishing tools. TIH w/ 2 7/8" work string, SDFN.

11-07-2005 Bled down to safe working conditions. TOOH w/ work string. ND stripper head & NU off-set spool. RU to run production tbg, MI & spot pipe trailer. SDFN.

11-08-2005 Bled down to safe working conditions. TIH w/ 255 jts 2 1/16", 3.25#, J-55 tbg @ 7857' as follows: mule shoe, 1 jt tbg, expendable check @ 7822', 62 jts tbg, seal assembly, 191 jts tbg, 10' & 2' pup jts, 1 jt tbg. Landed tbg w/ 10,000# compression. NU blooie line. Prepare to run short string. SDFN.

11-09-2005 Weatherford Aero Wireline set production packer @ 5921'. TIH w/ 186 jts 2 1/16", 3.25#, J-55 tbg @ 5870' as follows: bull plug/perforated sub, profile nipple/expendable check & 186 jts tbg. ND off-set spool, mud cross, blooie line, BOP & frac valve. NU xmas tree. Pressure test wellhead & tree @ 3500 psi. NU air package, removed blanking plug fro long string, pumped ahead with 4 bbls water & pumped off expendable check in DK zone at 1500 psi w/ rig pump assistance. Flowed back & recovered load water. Pumped ahead with 4 bbls water & pumped off expendable check in MV zone at 900 psi. Flowed back & recovered load water. Turn well to production department. ND air package & circulating pump. Cleaned location, LD rig mast. Load out rig equipment.