

UNITED STATES
DEPARTMENT OF INTERIOR
BUREAU OF LAND MANAGEMENT

RCVD DEC 12 '06
FORM APPROVED OIL CONS. DIV.
Budget Bureau No. 1004-0135 DIST. 3
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

2006 DEC 6 6 11 12

SUBMIT IN TRIPLICATE

RECEIVED

070 FARMINGTON NM

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)
480' FNL & 570' FWL. NW/4 NW/4 SEC 08-T31N-R06W

5. Lease Designation and Serial No.
NMSF-078765

6. If Indian, Allottee or Tribe Name

7. If Unit or CA. Agreement Designation

8. Well Name and No.
ROSA UNIT #167C

9. API Well No.
30-045-33895

10. Field and Pool, or Exploratory Area
BLANCO MESAVERDE

11. County or Parish, State
SAN JUAN, NM

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

TYPE OF SUBMISSION

Notice of Intent
☒ Subsequent Report
Final Abandonment

TYPE OF ACTION

Abandonment
Recompletion
Plugging Back
Casing Repair
Altering Casing
Other ☒ Drilling Complete

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.)*

10-14-2006 MIRU, mix spud mud, drill rat & mouse holes. **Spud well 10-13-06 @ 1900 hrs.** Rotary drill 12 1/4" hole from 0' to 320'.

10-15-2006 Rotary drill 12 1/4" surface hole from 320' to 345'. Circ hole clean, RU wireline survey @ 315'. POH & stand back 6 1/2" DC's, LD 12 1/4" bit & 8" Shok sub. RU casers, run 9 5/8" surface csg, guide shoe 1 jt csg, insert float 7 jts csg = 335', 10' of rat hole = 345', **TD of 12 1/4" hole section @ 345'. Total 8 jts #, 36#, J-55 csg, landed @ 335'.** RD & release casers, good csg. RU cementers, circulate csg cmt 9 5/8" surface csg, single stage cmt job, 10 bbl fresh water spacer, lead cement = **200 sxs Type III cmt + 32.37 bbls fresh mix water + 2% CaCl-2 + .25#/sx Cello Flake = 50 bbls slurry @ 14.5 ppg.** Displace w/ 17 bbls fresh water, PD @ 11:49, BP & SI w/ 200 psi, **19 bbls cmt returns to surface, good cmt job. TOC @ surface.** WO cmt, NU BOP, all related lines & equip. WO weather.

10-16-2006 WO weather & roads to dry out. **RU BOP testers, test BOP's, all related lines & equipment, 250 psi low test for 5 min, 1500 psi high test for 10 min. Test csg @ 1500 psi for 30 minutes, test good.** RD & release BOP testers. Make up used bit & bit sub, run in w/ DC's out of derrick. Tag top of cmt @ 290'. Drill cmt, insert float, cmt guide shoe from 290' to 335'. CO from 335' to 345'. Rotary drill 8 3/4" hole from 345' to 400'. TOOH w/ drill out BHA, LD used bit, bit sub, DC's, PU & make up directional BHA.

CONTINUED ON BACK

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

Signed

Tracy Ross

Title Sr. Production Analyst

Date December 5, 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

DEC 08 2006

FARMINGTON FIELD OFFICE

NMOCD

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10-17 to 10-23-2006 PU & MU directional BHA, run into 400'. Break circulation on bottom @ 400'. Directional drill 8 3/4" hole section from 400' 4262'.

10-24-2006 **TD intermediate hole @ 4262'.** Circulate & condition. TOH to 9 5/8" csg shoe. TIH. Circulate & condition. TOH. LD 4 1/2" HWDP & directional tools. Change out rams. RU casing crew. Run 7" csg, **run 110 jts 7" 23# K-55 csg, csg shoe set @ 4256'.** RU cement head, circulate csg. RD casing crew, RU cementers. Cement 7" int csg as follows: 10 bbls H2O, **lead 560 sxs Premium Lite plus additives. Tail 50 sxs Type III plus additives. 76 bbls excess cement to surface. TOC on intermediate csg @ surface.** PD @ 05:40. RD cementers. WOC.

10-25-2006 RU for air drilling, test BOP, PU & test air hammer.

10-26-2006 Wait on Reilly's Super Vacuum truck to clean solids out of lined pit. Reilly's could not make it to location due to road conditions, will try again tomorrow.

10-27-2006 WO Reilly's vacuum truck to clean solids out of lined pit, haul solids from lined pit to lined pit @ the Rosa #234A. MO TE to set new guy wire anchor. RU blooie line & choke lines, PU 4" DP, tag cement @ 4196'. Unload hole, install Kelly drives, replace rot head rubber, and repair oiler line. Break circulation, drill cmt & float equipment, blow hole dry. Air hammer drilling 6 1/4" production hole from 4262' to 4400'.

10-28-2006 Air hammer drill 6 1/4" production hole section of well from 4400' to 4692'. Circulate hole clean w/ air while moving vacuum trucks in on reserve pit to pull fluid level down. Air hammer drill 6 1/4" production hole section of well from 4692' to 5840'.

10-29-2006 Air hammer drill 6 1/4" production hole section of well from 5840' to 6044'. Short trip to move air string floats down hole in drill string. Rig wireline TOTCO survey @ 6004'. Air hammer drill 6 1/4" production hole section of well from 6044' to **6658', TD.** Circulate hole clean w/ air. Wiper trip up to 7" csg shoe @ 4256' & back to bottom @ 6658', hole in good condition. Circulate hole clean w/ air, TOOH to run 4 1/2" liner, rack 65 stands of DP back in derrick to run the liner with.

10-30-2006 TOOH to run 4 1/2" liner, rack 65 stands of DP back in derrick to run the liner with, LD remaining DP & 2 X 4 3/4" DC's, 6 X 4 3/4" DC's & the air hammer were left in the hole & will have to be fished out. PU 1 X 4 3/4" DC & 72 jts of DP out of pipe basket, run in hole, cont to run in hole w/ DP out of derrick, check each connection running in blow down on top of fish w/ air, top of fish @ 6462', bottom @ 6658'. Attempt to screw into fish, dropped fish on first two screw ins, third screw in looked good, chain out of hole w/ possible fish, caught 3 X 4 3/4" DC's, lay out caught fish, 3 X 4 3/4" DC's & the air hammer still in the hole, bottom pin of last 4 3/4" DC fished out of hole is very bad, the pin is crumpled & has imbedded threads from the box of the top 4 3/4" DC still in the hole looking up it is not possible to screw into the top box of the fish still in the hole WO Baker Oil Tool Fisherman for fishing tools.

10-31-2006 WO fishing tools, 300' of DP w/ rotating rubber in hole. Circulating hole w/ air through DP out blooie line, PU & make up fishing BHA, run in hole to top of fish @ 6538', top of fish 120' off bottom, fish - all indications show a catch, chain out of hole w/ a possible fish. Continue to chain out of hole, no fish caught. LD fishing tools, run 3 stands of DP in hole w/ rotating rubber. PU Kelly, circulate hole gas free down through Kelly, DP & out blooie line. PU & make up milling BHA, run in hole to top of fish @ 6538', top of fish 120' off bottom, circulate hole clean on top of fish, tag top of fish w/ mill.

11-01-2006 Mill on top of DC fish, top of fish @ 6538'. Mill from 6538' to 6540', 2' of milling, circulate hole clean. Hole is wet from milling w/ mist, there is a possible influx of water seeping in from the formation. Blow hole down w/ air & dry back up to dust. TOOH w/ mill BHA. LD mill & PU overshot, run in hole w/ the overshot BHA to 6512'. PU Kelly & break circulation w/ air, blow down w/ air from 6512' to 6524', top of fish @ 6540'. Well is dusting, then dusting stopped. Attempt to PU from 6524', stuck solid @ 6524', attempted to work free, no movement & no circulation. BHA = overshot, bumper sub, jars, 8 X 4 3/4" DC's, DP bottom of overshot @ 6524' = 16' above top of the fish, never got down to the fish on this run, the jars are fee & working, stuck @ overshot & bumper. The well is wet, working pipe & WO free point truck.

11-02-2006 Attempting to work stuck fishing BHA free while waiting on Wireline Free Point truck & crew. Building & conditioning mud volume, no luck jarring. Fill annulus w/ mud & displace air. Attempt to work stuck fishing BHA free. Fill DP w/ mud, jar on stuck fishing BHA, build & condition mud volume, no luck jarring. RU & run Wireline Free Point, can't find a good free point below 3100'. Pull out w/ wireline free point. RD air blooie line & RU mud flow line to mud pit. Run wireline free point, SO, SO free point @ 4160', knock & back off @ 4160', attempt to work pipe free & establish circulation @ 4160'. Pipe free & circulating @ 4160', working free pipe & circulating hole clean @ 4160'. Hole is unloading mud balls, mud rings & a tremendous amount of fine cuttings.

11-03-2006 Working free pipe & circulating hole clean @ 4160'. Hole is unloading mud balls, mud rings & a tremendous amount of fine cuttings. Circulate hole clean screw free pipe back into back off & attempt to jar fishing string free below 4160', no luck. Run in w/ wireline free point & attempt to find free point below 4160', unsuccessful. POOH w/ wireline free point, run in w/ wireline collar locator & knocker to 5100', knock & back off, work back off free @ 5100', pull out w/ wireline, circulate hole. Condition hole & cure loss circulation @ 5100' & up, screw free pipe back into back off & attempt to jar fishing string free below 5100', no luck. Run in w/ wireline collar locator & knocker to 6100', knock & back off, work back off free @ 6100'. Pull out w/ wireline, circulate hole clean. Condition hole & cure loss circulation @ 6100' & up, screw free pipe back into back off & attempt to jar fishing string free below 6100', no luck. Run in w/ wireline collar locator & knocker to 6370', knock & back off, backed off in DC's @ 6370', work back off free, have loss circulation, cure loss circulation & build mud volume. Circulate hole clean, work pipe to keep free while circulating hole clean @ 6370', have loss circulation, cure loss circulation & build mud volume. Continue to circulate hole clean, build mud volume, work pipe to keep free, no losses @ present.

11-04-2006 Circulate hole clean, condition hole to prevent loss circulation. Build fresh mud volume, work pipe to keep free @ 6370' up. Continue to circulate hole @ 6370'. Screw back into back off @ 6370' & attempt to jar fishing string free, no luck. Run in w/ wireline collar locator & knocker, attempt to back off @ 6490', no luck. Pull out & run back in w/ fresh knocker, attempt to back off @ 6460', no luck. Pull out & run back in w/ fresh knocker, attempt to back off @ 6430', no luck. Pull out & run back in w/ fresh knocker & re-back off @ 6370', pipe free @ 6370' up. Pull out w/ wireline, chain out of hole, lay out 2 retrieved 4 3/4" DC's from fishing BHA overshot, jars, bumper sub, 4 X 4 3/4" DC's still need to be retrieved. PU & make up 5 jts of wash pipe, run in hole w/ wash pipe BHA to 6330', Kelly up & break circulation. Wash down to 6360', complete loss of circulation, build mud volume.

11-05-2006 Build mud volume, pull back 10 stands of DP, circulate hole & re-gain circulation. Run in 10 stands of DP, break circulation, good circulation. Wash down w/ wash pipe over fishing BHA from 6370' to 6522', bottom of overshot @ 6524'. Circulate hole clean, condition hole, good circulation. Chain out w/ wash pipe, PU, screw in sub, jar, accelerator. Trip into top of fishing BHA, break circulation, good circulation, screw into top of fishing BHA, unable to circulate through fishing BHA, unable to pull fishing BHA free, unable to jar fishing BHA free, unable to back off from fishing BHA. Attempting to find a wireline back off truck & crew to come out & find a free point & back off from the fishing BHA that is stuck in the hole.

11-06-2006 Attempting to find a wireline back off truck & crew to come out & find a free point & back off from the fishing BHA that is stuck in the hole. Stuck @ bottom of fishing BHA @ 6524' measured depth = 5985' TVD. Work pipe, attempt to circulate, no luck, cannot go up, down or circulate. Slip & cut drill line. Jar on fish w/ Kelly, attempt to work 15 rounds of torque in & back out of hole, no movement up, down or circulation. Mechanical back off in DP, set Kelly back, screw DP back together, continue to jar on fish. WO wireline free point & back off truck. Re-position rig derrick & tighten guy wires.

11-07-2006 Waiting on wire line free point. Back off, RU wire line truck, run wire line free point tool, unable to get past 6130' in the drill string w/ the free point tool. Pull wire line & free point tool higher up into the drill string, make a manual back off in the drill string, blind back off. Slack down to tag back off point, backed off drill string dropped 12' deeper down hole on the back off. Screw the drill string back together @ the 12' drop point & PU Kelly attempt to circulate w/ a slow pump rate, some returns. Start mixing pipe lube & slowly increase the pump rate up to 100 SPM @ 1000 PSI, circulating full returns. Continue to circulate until the hole cleaned up. Attempt to pick the drill string up, the drill string is free. Continue to circulate & condition the hole w/ pipe lube. Work the drill string 70' up & back down, chain out of hole w/ fishing BHA, pulling up to 90,000 over string weight. Drill string freed up @ 3200' = 1000' into 7" csg. Recovered both fishing BHA's. Fish left in hole, air bit, air hammer, bit sub, 4 X 4 3/4" DC's, XO sub, top of fish left in hole is 6538' MD = 6000' TVD. Lay out both fishing BHA's. Make up a cleanout BHA, 6 1/4" re-run bit, bit sub, jar, accelerator, 5 X 4 3/4" DC's, XO sub, strap in hole, check all tool jts running in.

11-08-2006 Run in w/ a CO BHA, 6 1/4" re-run bit, bit sub, jar, accelerator, 5 x 4 3/4" DC's, XO sub, strap in hole, check all tool jts running in, circulate hole clean @ 6535', good circulation until drill string plugged off. POOH & stand back 63 stands of DP to run liner on, strap out the 63 stands. Continue to pull out laying down the remaining drill string. Bit & jar plugged w/ LCM. LD wash pipe out of derrick. RU casers to run 4 1/2" liner. **Run 65 jts of 4 1/2" csg & break circulation. Continue to run 4 1/2" liner on DP & land @ 6518' MD = 5979' TVD = 16' below the Mancos @ 5963', 5963' is the bottom of the pay, the 4 1/2" liner shoe is 20' above the fish left in the hole, top @ 6538', liner shoe @ 6518' - liner top @ 4078', liner overlap into 7" csg. = 178'. Broke circulation every 13 stands of DP while running the 4 1/2" liner. 65 jts of 10.5# - J-55, ST&C, Hyundai, range 3 casing = 2443.46'. RD casers, circulate liner. RU cementers circulate liner complete loss of circulation @ 6518', build mud volume trying to regain circulation. Pump down liner every 15 minutes to keep clear, still no circulation.**

11-09-2006 Continue to build mud volume & try to regain circulation. Pump down liner every 15 minutes to keep clear, still no circulation. **Cement 4 1/2" liner, liner shoe @ 6518', top of liner @ 4061' - 195' of overlap into 7" csg. Single slurry cmt job, 10 bbls. Gelled water spacer followed by 10 bbls fresh water spacer, slurry = 200 sxs Premium Lite HS cmt + 1% FL52 + .2% CD32 + 3#/sx CSE + .25#/sx Cello Flake + 4% Phenoseal + 53.36 bbls fresh water = 76 bbls slurry @ 12.3 PPG. Displace w/ 83 bbls fresh water @ 0 to 635 psi. Bump Plug @ 1000 psi, Plug down @ 14:00 hrs. No returns during cmt job, set liner packoff, pull out of hanger w/ setting tool, circulate 7" csg out & leave filled w/ fresh water. No cmt returns to surface. RD & release cementers. TOOH & LD remaining DP used to run liner with. Clean mud pit. ND BOP, all related lines & equipment. Start RD, rig released @ 06:00 hrs, November 9, 2006.**

TOC for liner will be reported on completion report after CBL is run.

Report csg pressure test on intermediate