

UNITED STATES  
DEPARTMENT OF INTERIOR  
BUREAU OF LAND MANAGEMENT

DEC 08 2008

FORM APPROVED  
Budget Bureau No. 1004-0135

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

Lease Designation and Serial No.  
SF-078766

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPPLICATE

7. If Unit or CA, Agreement Designation  
ROSA UNIT

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

8. Well Name and No.  
ROSA UNIT #18A

2. Name of Operator  
WILLIAMS PRODUCTION COMPANY

9. API Well No.  
30-039-25436

3. Address and Telephone No.  
PO BOX 3102 MS 25-4, TULSA, OK 74101 (918) 573-3046

10. Field and Pool, or Exploratory Area  
BLANCO MESAVERDE

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1106' FSL 791' FEL, SE/4 SE/4, SEC 22-T31N-R06W

11. County or Parish, State  
RIO ARRIBA, NEW MEXICO

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

TYPE OF SUBMISSION

TYPE OF ACTION

Notice of Intent

Abandonment

Change of Plans

☒ Subsequent Report

Recompletion

New Construction

Final Abandonment

Plugging Back

Non-Routine Fracturing

Casing Repair

Water Shut-Off

Altering Casing

Conversion to Injection

☒ Other COMMINGLE

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.)\*

11-03-2008

Load R&E at 335. Rd R&E from 335 to 18-A. MI & spot R&E, set up rig mast, NU w/ circ pump & FB tank, 300# on csg & SS tbg - 0# on LS tbg. Bled to FB tank & kill down SS w/ KCL, NU w/ Tefteller WL equip. Set CW plug in LS tbg @ 100'. ND w/ Tefteller equip, ND w/ X-mas tree, NU w/ BOP - offset spool & WP. Un-land SS tbg, TOH w/ SS tbg - laid down in singles - rec 101 jts 1 1/2" x 3.9# x 10 EUE tbg - tbg in good cond w/ coating of liquefied white scale. ND w/ offset spool & replaced pipe rams w/ center bore BOP rams. NU w/ tbg stripper, un-land LS tbg -- pulling free -- removed tbg hanger. MIRU w/ Tefteller, fished CW plug in LS tbg @ 100'. Rigged out w/ Tefteller equip, TOH w/ LS tbg - laid down in singles - meas out. Rec 181 jts 1 1/2" x 3.9# tbg w/ sealbore assembly = 5739'. All of LS tbg recovered, sent 282 jts 1 1/2" x 3.9# x 10 EUE tbg to Tuboscope for inspection and grading, SDFN.

RCVD DEC 10 '08  
OIL CONS. DIV.

PLEASE SEE ATTACHED FOR CONTINUATION OF WORK COMPLETED:

04C 4086

DIST. 3

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

Signed

*Rachel Lippert*  
Rachel Lippert

Title Engineering Technician II

Date December 4, 2008

(This space for Federal or State office use)

Approved by

Title

Date

DEC 09 2008

Conditions of approval, if any:

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

11-04-2008

Csg = 300# - bled to FB tank and killed w/ 2% KCl. Moved in & spotted 23/8" x N-80 work string tbg. Made up retrieving spear w/ 2.688 grapple w/ 37/8" shoe w/ 3" ID -- 31/8" jars -- 6 x 31/8" drill collars and TIH w/ packer plucker assembly on 23/8" x N-80 WS tbg -- picked tbg up in sgls -- measured & rabbited same. Tagged packer top @ 3906' -- loc 49' high. Sgl out w/ drill line to 4 line string up w/ line indicator. NU w/ air pack - broke circ w/ 12 bph A/S/CI in 20 min @ 460#. Disp bbls form wtr w/ air. Circ & milled on Weatherford prod packer from 3906' to 3909'. Packer moving up hole -- bottom slips did not mill off. Worked packer up hole to 3700'. Packer working up hole slowly. Hung off at 3700', SDFN.

11-05-2008

Csg = 250# - bled to FB tank, NU w/ air pack. Broke circ w/ 12 bph A/S/CI - in 20 min @ 650#. Disp 25 bbls form wtr w/ air. Worked stuck packer - circ & rotated working packer up hole -- worked packer up out of liner top at 3494', ND w/ AP. Dbl up w/ drilling line to 2 line string up. TOH w/ 2 3/8" PS tbg & packer plucker assembly, rec packer mandrel, made up 3 7/8" jars - 6 x 3 1/8" drill collars. TIH w/ mill assembly on 2 3/8" work string tbg, picked replacement WS tbg up in sgls - meas & rabbited same. Hung off above MV perfs @ 5200', SDFN. Winterized pump and rig equipment.

11-06-2008

Thawed out frozen air lines on rig draw works. Comp TIH w/ 2 3/8" WS tbg & junk mill assembly - picked tbg up in sgls - meas & rabbited same. Tagged top of packer remnants @ 5800', NU w/ PS & AP. Singled out w/ drill line to 4-line string up w/ line indicator. Broke circ w/ 10 bph A/S/CI in 20 min @ 700#. Disp 25 bbls form wtr w/ air. Circ & milled on packer remnants from 5800' to 5885' = 104' rat hole - unable to get below 5885' - new PBTD @ 5885', circ wellbore clean @ 5885'. Rec 1 1/2 cups frac sand in 5 gal bucket test at start of clean out. Circ clean and made soap sweeps, ND w/ AP & PS. TUH & hung off w/ 2 3/8" WS tbg @ 5200' - above MV perfs, SDFN. Winterized pump and rig equip.

11-07-2008

250# csg - BD to FB tank, TDH w/ junk mill assembly. Tagged up @ PBTD - no fill entry over night, TOH w/ WS tbg & junk mill assembly. Singled down w/ 6 x 3 1/8" DC's & mill assembly, made up Knight 4 1/2" x 10-k CST compression packer. TIH w/ packer assembly on 2 3/8" WS tbg, set packer at 5247' - isolating Mesa Verde perfs 5303' to 5781'. Made ready to acidize Monday 11/10/08, NU w/ flowback lines and choke manifold for acid flow back, SDFN, winterized pump and rig equip. RIG DOWN UNTIL MONDAY 11/10/08

11-10-2008

250 psi - BD to FB tank. Released packer to ensure there was no fill on packer. Packer was reset at 5,247'. BJ Services rigged up to perform a nitrified acid job. Mission accomplished, rigged down BJ, rigged up flowback manifold to flowback tank. Flowback well all night.

11-11-2008

250# sag -BD to FB tank. TOOHH W/ 2 3/8" WS w/Knight 4 1/2" x 10k SCT compression packer. TIH w/ WS tbg & half muleshoe. Stopped WS at 3,830' to unload well. Continued WS down to 5,800' and re-established unloading well with air package misting at 7bph, with 1 gpt of inhibitor, 1 gpt of foamer, TOOHH 2/ 2 3/8" WS. TIH w/WS and 4.5" RBP. Shut in well, secured it for the night.

11-12-2008

260# BD to FBT. TIH w/ 2 3/8" WS with 10K Arrow Set RBP. Set at 3,938'. TOOHH with one stand, set packer at 3,907' to test RBP to 1,000 psi. Pressure held. Poured 100# of sand on top of RBP. Continued TOOHH with w/s. Replaced 4.5" packer with 7" 32A Tension packer. TIH with w/s and set packer at 3,092'. BJ Services RU, pumped nitrified acid into the Pictured Cliffs zone. RU flowback manifold to flowback tank, secured well and SDFN. Have a flowback hand on location for the night.

11-13-2008

Csg = 0# - FB over-night - no fluid rec - slight blow. Pump 20 bbls KCl to equalize press. Release packer, TOH w/ tbg & packer assembly. Break down & load out same, made up ret head to ret RBP & TIH w/ same on 2 3/8" PS tbg. Hung off at top of sand plug @ 3920', NU w/ AP. Break circ w/ 10 bph A/S/CI in 15 min @ 760# - disp 45 bbls wtr & acid w/ air. Circ w/ air - rec 1/4 cup frac sand in 5 gal bucket test w/ 17 bph water -- at start PH factor 1 -- at end PH factor 5. Rec 200 bbls water today, ND w/ air pack. TUH w/ tbg & ret head. Hung off at 3050' - above all perforations, SDFN.

11-14-2008

Csg = 250# - BD to FB tank. TDH w/ RBP ret head & 23/8" WS tbg. Tagged up @ 3920' - no fill entry overnight. NU w/ AP, broke circ w/ 10 BPH A/S/CI in 15 min @ 440 psi. Disp 18 bbls wtr w/ air, circ w/ air to clean up and neutralize acid. PH at start of circ = 5 -- at end PH = 9. Circ sand plug from 3920' to RBP @ 3938'. Circ clean & made soap sweeps. Ret RBP @ 3938', ND w/ air pack, TOH w/ RBP & WS tbg. Broke down & loaded out w/ packer equip. Made up 2 3/8" notched collar & TIH w/ same on 2 3/8" WS tbg. Tagged top of fill at 5819' = 66' fill - PBTD @ 5885'. NU w/ AP & break circ w/ 10 bph A/S/CI in 20 min @ 540#. Disp 12 bbls wtr w/ air, circ frac sand fill from 5819' to PBTD @ 5885'. Rec 3/4 cup frac sand in 5 gal bucket test w/ 10 bbls form wtr. Made soap sweep and nipped down with air pack. TUH and hung off tbg above MV perforations at 5200', SDFN. Winterized pump and rig equipment. RIG WILL BE IDLE UNTIL MONDAY 11/17/08

11-17-2008

Csg = 250# - BD to FB tank. TDH w/ WS tbg - tagged top of fill at 5865' = 20' fill entry over weekend. NU w/ AP & broke circ w/ 10 bph A/S/CI in 15 min @ 570#. Disp 30 bbls form wtr w/ air. Circ frac sand fill from 5865' to PBTD @ 5885'. Circ clean & made soap sweeps. Rec 12 bph form wtr. ND w/ AP. TOH w/ WS tbg -- laid tbg down in sgls. Moved in and spotted new 23/8" production string tubing. Winterized pump and rig equipment, SDFN.

11-18-2008

Csg = 250# - BD to FB tank. Made up 23/8" MA w/ 1.78" f-nipple - 16 jts 23/8" 10-nue tbg & TIH w/ same on new 23/8" PS tbg - pick tbg up in sgls - meas & rabbit same. MIRU w/ Spec Band equip strap 1/4" SS chem line to top 31 jts = 1000'. NU w/ chem adap tbg anchor, set left hand set mod B anchor at 3098', land tbg OA @ 5808'. ND w/ Spec Band equip, ND w/ work platform & BOP. NU w/ chem adap companion flange & new prod head, NU w/ AP - pump ahead w/ 4 bbls KCL -- pump off chk at 500#. Pump 20 gals BJ Technoclean mixed w/ 10 bbls KCL to flush perfs. Circ w/ air - rec load wtr, ND w/ AP & rig for rods. Made up 2" x 1 1/4" x 16' RWAC pump & 3 x 1 1/2" S Bars -- TIH w/ same on new 3/4" & 7/8" sucker rods -- picked rods up in sgls. Dressed polished rod & spaced pump. Unable to fill tbg w/ water, appears the pump out check hung up in mud anchor - not allowing the pump to seat in the f-nipple, SDFN. Winterized pump and rig equip.

11-19-2008

Csg = 270 psi - BD to FB tank. TOH w/ rods & pump. Unable to get pump to pump in 5 gal diesel bucket test, TIH w/ sinker bars and rods. Worked sinker bars - hitting down on pump out plug - chased down hole 4'. Started losing hole, lost 5' of hole, TOH w/ sinker bars and rods. Box on bottom of sinker bars was polished shiny -- indicating in sand. Energy pump man on loc. Broke down pump and found sand in pump barrel. NS w/ production head, NU w/ BOP and working platform. Function tested BOP, Specialty Banding available to spool stainless steel cable in morning, SDFN.

11-20-2008

Csg = 270 psi - BD to FB tank. Un-land tbg & release tbg anchor - removed tbg hanger. Spec Band co broke down on Rosa road. Wait on Spec Band co. MIRU w/ Spec Band equip. TOH w/ 23/8" PS tbg - Spooled 1000' SS chem line. Comp TOH w/ tbg. Mud anchor half full of frac sand. Made up 23/8" mule shoe & TIH w/ same on 23/8" PS tbg. Tag fill @ 5786' = 99' fill entry -- PBTD @ 5885'. NU w/ AP, break circ w/ 10 bph A/S/CI in 15 min @ 600#. Disp 40 bbls form wtr w/ air. Rec 1/2 gallon frac sand in 5 gal bucket test. Circ w/ air, made soap sweeps. TIH & hung off above all perfs @ 5200'. Made well safe for night, winterized pump & rig equip. Recovered 120 bbls formation water today, blowing hard w/ a lot of volume. Note -- csg press from overnight build up has gone up 20 psi. NOTE - SPEC BANDING NO CHARGE FOR SPOOLING CHEM LINE - TO MAKE COVER RIG TIME FOR BEING LATE. CHARGE WOULD HAVE BEEN 2,700.00.

11-21-2008

Csg = 270# - BD to FB tank. TDH w/ tbg. Tag top of sand fill @ 5750' = 35' sand fill entry overnight. NU w/ AP. Broke circ w/ 10 bph A/S/CI in 15 min at 600 psi. Disp 40 bbls form wtr w/ air. Circ frac sand from 5750' to 5900'. Recovering 16 bph form wtr. Rec 173 bbls form wtr today. At start of circ - recovered 1 1/2 gal sand in 5 gal bucket test. At end of circ rec 4 cups sand in 5 gal bucket test. Made soap sweeps. TUH and hung tbg off above all MV perfs at 5100'. Winterized pump and rig equipment, SDFN.

11-24-2008

Csg = 270 psi - BD to FB tank. TDH w/ tbg. Tag frac sand fill @ 5875'. NU w/ AP. Break circ w/ 10 BPH A/S/CI in 20 min @ 600 psi. Disp 20 bbls form wtr w/ air. Circulated frac sand fill from 5875' to PBTD @ 5900'. Recovered 95 bbls form wtr today --- recovering 12 bph form wtr. Rec 3/4 gallon frac in 5 gallon bucket test at start of clean out. Sand rec dropped to 1 teaspoon in 5 gallon bucket test. Made soap sweeps -- at end of circulation no sand recovery for the final hour. Nipped down with air pack and TIH w/ tbg. Hung TBG off above all Mesa Verde perfs at 5200'. Winterized pump and rig equip.

11-25-2008

Csg = 270# BD to FB tank. TDH w tbg - tag at 5895' = 5' fill entry overnight. TOH w/ tbg & mule shoe. Made up 23/8" MA w/ 1.78" f-nipple - 16 jts 23/8" x 10-NUE tbg & TIH w/ same on 23/8" x 8-EUE tbg -- Strapped 1/4" SS chem capillary tube to outside of top 31 jts = 1000'. Set Mod B tbg anchor at 3098'. NU w/ chem adap tbg hanger & landed tbg overall @ 3098'. ND w/ Sped Banding equip. ND w/ work platform & BOP. NU w/ chem adap companion flange. NU w/ prod head. NU w/ air pack. Pump ahead w/ 4 bbls KCL. Pump off check at 600#. Circ w/ air & rec load wtr. ND w/ AP, rig to run rods. Made up new 2" x 1 1/2" x 16' RWAC pump & rods. Spaced pump, filled tbg w/ KCL. Press test @ 750# w/ rig pump - solid --- stroked pump w/ rig to 750# - good pump action. Hung well off ready for production. Load out w/ rig tools. Laid down with rig mast, cleaned location. Made ready to move off location in morning.

# ROSA UNIT #18A PC/MV

**Location:** 1106' FSL, 791' FEL  
SE/4 SE/4 Section 22, T31N, R6W  
Rio Arriba Co., NM  
**Elevation:** 6275' GR  
KB = 12'

Pumping Unit  
Dansco 320-250-120

Spud: 07/10/94  
Complete: 08/18/94  
ID'd: 09/02/04  
Pump Install: 11/25/08

<u>Tops</u>	<u>Depth</u>
Nacimiento	N/A
Ojo Alamo	2337'
Kirtland	2457'
Fruitland	2900'
Pictured Cliffs	3135'
Lewis	3369'
Cliff House	5270'
Menefee	5363'
Point Lookout	5597'
Mancos	5859'

## STIMULATION

PC: 3139' to 3225'

112,000# 20 / 40, 21,294 gals 70 qual foam

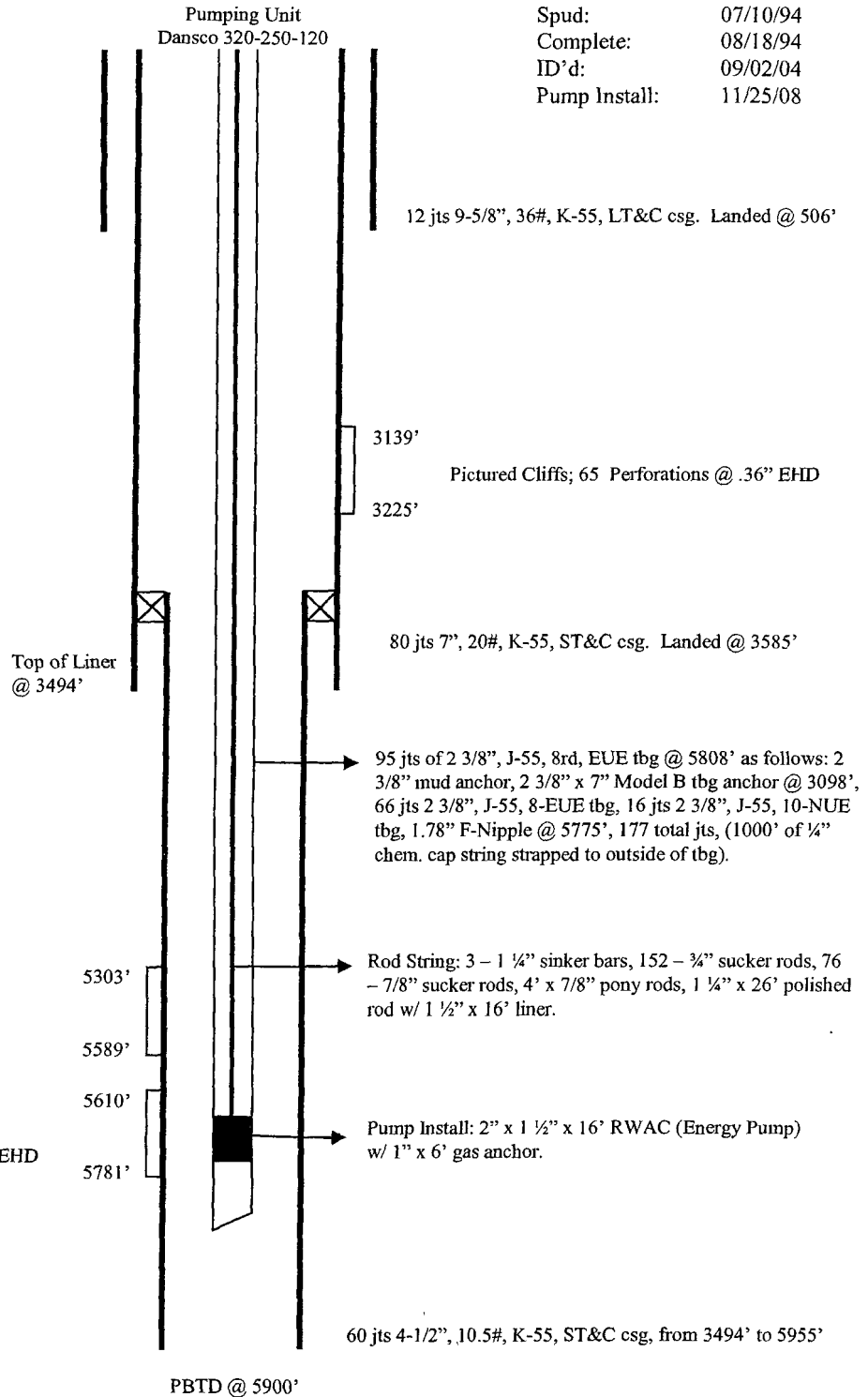
MV: 5303' to 5589'

78,800# 20 / 40, 58,968 gals slick wtr

MV: 5610' to 5781'

88,000# 20 / 40, 105,882 gals slick wtr

Mesaverde; 56 Perforations @ .36" EHD



Hole Size	Casing	Cement	Volume	Top Of CMT
12 - 1/4"	9-5/8", 36#	265 sx	315 cu. ft.	surface
8 - 3/4"	7", 20#	580 sx	1107 cu. ft.	surface
6 - 1/4"	4 - 1/2", 10.5#	235 sx	407 cu. ft.	liner top