

Submit 3 Copies  
To Appropriate  
District Office  
DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

State of New Mexico  
Energy, Minerals and Natural Resources Department  
**OIL CONSERVATION DIVISION**  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-103  
Revised 1-1-89

DISTRICT II  
811 South First, Artesia NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS)	
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other	WELL API NO. 30-039-25436
2. Name of Operator WILLIAMS PRODUCTION COMPANY	5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
3. Address of Operator P O BOX 3102, MS 25-4, TULSA, OK 74101	6. State Oil & Gas Lease No.
4. Well Location (Surface) Unit letter <u>P</u> : 1106 feet from the <u>SOUTH</u> line & 791 feet from the <u>EAST</u> line Sec 22-31N-6W RIO ARRIBA, NM	7. Lease Name or Unit Agreement Name: ROSA UNIT
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 6275' GR	8. Well No. 18A
	9. Pool name or Wildcat BLANCO MV

Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

**NOTICE OF INTENTION TO:**

**SUBSEQUENT REPORT OF:**

PERFORM REMEDIAL WORK

PLUG AND ABANDON

REMEDIAL WORK

ALTERING CASING

TEMPORARILY ABANDON

CHANGE PLANS

COMMENCE DRILLING OPNS.

PLUG AND ABANDONMENT

PULL OR ALTER CASING

CASING TEST AND CEMENT JOB

RCVD DEC 8 '08  
OIL CONS. DIV.  
DIST. 3

OTHER:

X OTHER: COMMINGLE

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103.

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.

Please see attached for continuation of work completed:

DH 24086

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Rachel Lipperd TITLE: Engineering Technician II DATE: December 4, 2008

Type or print name Rachel Lipperd

Telephone No: (918) 573-3046

(This space for State use)

APPROVED BY [Signature] TITLE Deputy Oil & Gas Inspector DATE DEC 17 2008  
Conditions of approval, if any: B 12/15 District #3

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. TOO H 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, TOO H 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'. TOO H 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 TOO H 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 nitroified 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. N'D 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 11/2" 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 11/2 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 11/2" 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

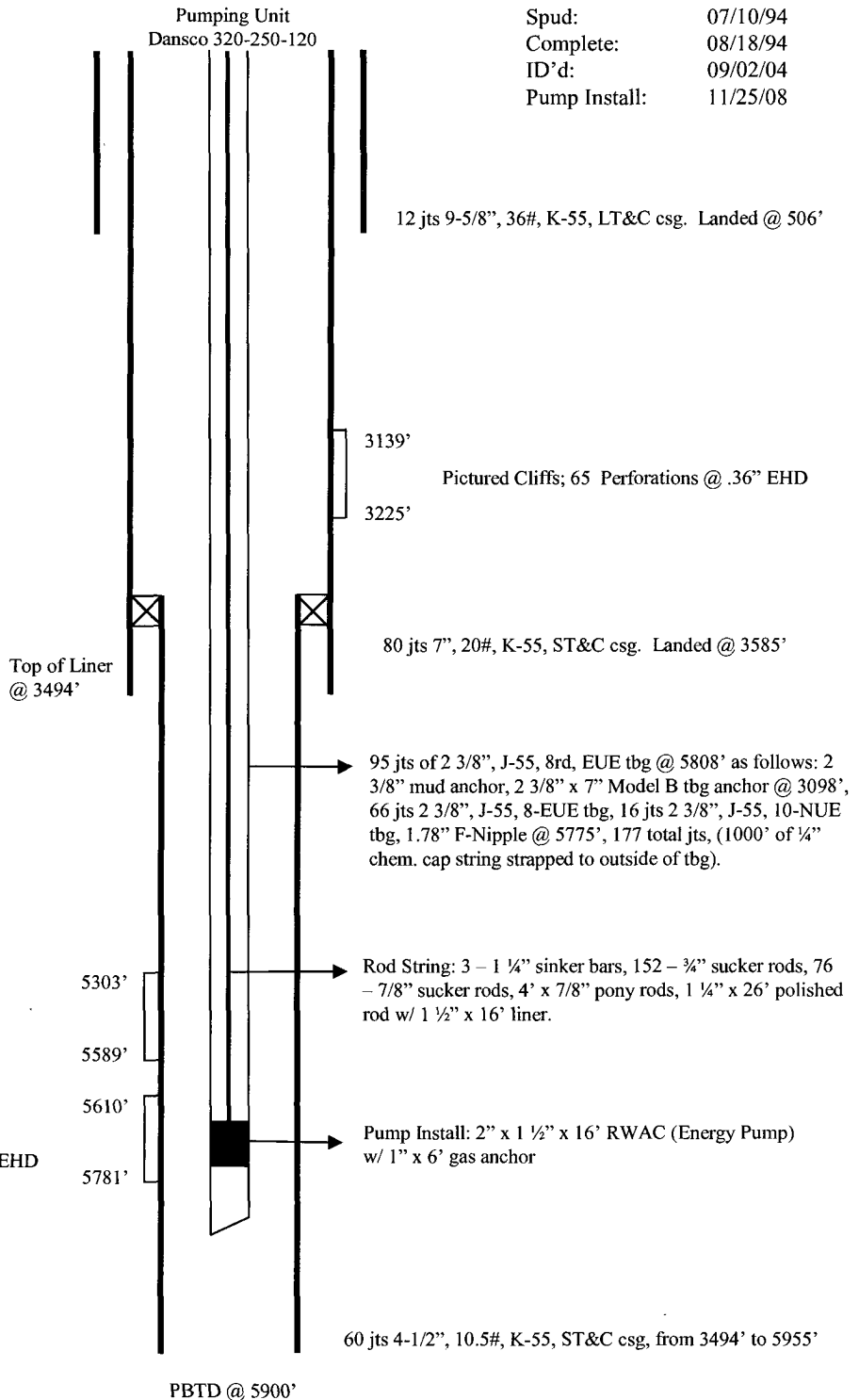
MV: 5303' to 5589'

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