

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

SUBMIT IN TRIPPLICATE

RECEIVED
APR 02 2008
Bureau of Land Management
Farmington Field Office

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

2. Name of Operator
WILLIAMS PRODUCTION COMPANY

3. Address and Telephone No.
PO Box 640 Aztec, NM 87410-0640

4. Location of Well (Footage, Sec., T, R., M, or Survey Description)
Sur: 1695 FNL & 350 FEL, sec 9, T31N, R6W - BHL 1056 FNL & 652 FWL, sec 10 T31N, R6W

5. Lease Designation and Serial No
NMSF-078765

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation
Rosa Unit

8. Well Name and No.
Rosa Unit #261A

9. API Well No
30-045-34258

10. Field and Pool, or Exploratory Area
Basin Fruitland Coal

11. County or Parish, State
San Juan, New Mexico

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 Cavitation
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.)*

Williams Production Company, LLC. drilled this well late in 2007. Due to the seasonal wildlife closure we were only able to drill out and under ream this well. Williams now plans to move on and cavitate this well as per attached procedure.

RCVD APR 7 '08
OIL CONS. DIV.

DIST. 3

CONDITIONS OF APPROVAL
Adhere to previously issued stipulations.

14 I hereby certify that the foregoing is true and correct

Signed Larry Higgins
Larry Higgins

Title Drilling C O M Date 4-2-08

(This space for Federal or State office use)

Approved by [Signature]

Title Petr. Eng. Date 4/3/08

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.

NMOCD



Exploration & Production

Cavitation Procedure

Well Name: Rosa Unit #261A **DATE:** April 1, 2008

Location Surface: **Field:** Basin Fruitland Coal
1695 FNL, 350' FEL
Sec 09H- T31N - R6W
San Juan County, NM **API Number:** 30-045-34258

Location Bottom Hole: **AFE Number:** WT 10765
1056' FNL, 652' FWL
Sec10(D)-T31N-R6W **OGRE ID:** 4524
San Juan County, NM

Elevation: 6447' GR **Oracle ID:** 62178219

Team Lead: Matt Lain **METER NO:** 82145

Technician: Kenny Schwettman **RUN NUMBER:** 4-35

<u>Casing:</u>	<u>Diameter</u>	<u>Wt. Grade</u>	<u>Depth</u>	<u>Hole</u>
Surface	9-5/8"	36#, J-55	332'	12-1/4"
Intermediate	7"	23#, J-55	3420'	8-3/4"
Liner	None			
TD			3555'	

Tubing : 2-7/8" 6.5#, J-55 3421' (104 Jts)

WORK OBJECTIVE: Cavitate and install Beam Pumping Unit System.

1. MIRU, kill well.
2. ND tree, & NU BOP's.
3. POOH with tubing.
4. Cavitate open hole to 3420-3555'.
5. Run Liner and perforate.
6. MU mud anchor, 2.28" F Nipple, standing valve, test tubing, and land @ 3250'. (+/- 200' Dyna Coil)
7. ND BOP's & NU sucker rod wellhead assembly.
8. Run 1-1/4" insert pump and 3/4" sucker rods.
9. Test tubing and pump integrity to 500 psi.
10. Release rig.
11. Return to production.

Rosa Unit #261A Well Cavitation Procedure

Current Status: The well was drilled out, under reamed and put on production without cavitation being done due to winter closure.

Pre-Job Planning: Notify BLM 24 hrs prior to moving in. Contact Mark Lepich, CBM team lead, and Terry Carpenter, drilling superintendent, to discuss job scope and logistics. Confirm all surface facilities are secure prior to MIRU. Review liner and tubular requirements with Ron Cochran, FOA.

<u>TITLE</u>	<u>SIGNATURE</u>	<u>DATE</u>
COMPLETION ENGINEER	<u>Kirk Place</u>	<u>8/21/2007</u>
DRILLING SUPERINTENDENT	<u>Terry Carpenter</u>	<u>8/21/2007</u>

Safety Reminders: Safe operations are very important at all Williams Production Company properties and facilities. To further this goal, the wellsite supervisor or rig tool pusher at the location shall request tailgate safety meetings prior to initiation of work and also prior to any critical operations. All company, contract, and service personnel present at the location shall attend these tailgate safety meetings. All parties shall review proposed upcoming steps, procedures, and potentially hazardous situations. Occurrence of these meetings shall be recorded in the Daily Report.

Smoking is not allowed except in areas designated by the wellsite supervisor or rig toolpusher. Hard hats and steel toed shoes will be worn on location. Personnel arriving on location shall check in with the wellsite supervisor or rig toolpusher.

See attached current wellbore schematic for other wellbore details.

Pre-Job Planning and Notes: Notify Mark Lepich, CBM Team Leader a minimum of 48 hours prior to commencing any work and after job is completed.

Lock-out and tag-out surface facilities per Williams E&P Safety Policy and Procedures.

Ensure that rectifier for cathodic protection is turned off before any work is performed. Notify cathodic protection personnel after job is complete so cathodic protection can be re-activated.

Rosa Unit #261A Well Cavitation Procedure

1. Notify BLM 24 hours prior to moving in. Have rig anchors tested 5 days prior to moving on location. Confirm with Mark Lepich that the rig pit is ready.
2. Hold daily safety meetings to discuss job scope and emergency response plans. If the procedure changes or critical tasks are involved revisit safety concerns before continuing work.
3. MIRU service unit and air package.
4. Kill well as necessary.
5. ND wellhead and NU BOP, HCR Valve ("Cav" package) and choke manifolds. Perform BOP test as per SOP (function test pipe ram and blind ram).
6. Pull tubing hanger, TOO H with 2-7/8".
7. TOO H standing back, inspect and replace damaged tubing. Confirm PBTD with tubing tally and PBTD reported on wellbore diagram. Note tbh hanger/wellhead condition and contact Antelope for repair/replacement as necessary.
8. PU 6-1/4" bit on 2-7/8" DP and DCs and TIH. Clean out to original TD.
9. PUH into 7" and start natural/pressure buildup surges as the well dictates. Repeat process and discuss with engineer for specific process going forward.
10. PU 5-1/2" liner on 2-7/8" DP. RIH with liner and LA set shoe, rotate down if necessary. Land at TD with ~100' of overlap in 7" csg. TOO H w/ DP and LD.
11. MIRU perforating crew. Hold safety meeting. Perforate 4 spf w/ 0.50" EHD as instructed.
12. Run production tubing, pump and rods according to procedure to be provided by production engineer.
13. RDMO. Notify CBM team.

ROSA UNIT COM #261A
BASIN FRUITLAND COAL

Spud: 06/23/07

Completed: 11/11/07

1st Delivered. 12/20/07

Surface Location:

1695' FNL and 350' FEL
SE/4 NE/4 Sec 09(H), T31N, R06W
San Juan, NM

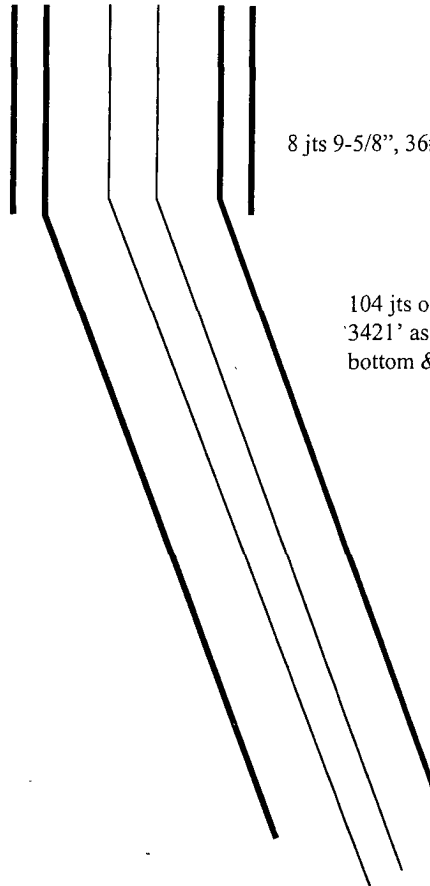
Bottom Hole Location:

1056' FNL and 652' FWL
NW/4 NW/4 Sec 10(D), T31N, R06W
San Juan, NM

Elevation: 6447' GR

API # 30-045-34258

<u>Top</u>	<u>Depth</u>
Ojo Alamo	2673'
Kirtland	2822'
Fruitland	3332'
Pictured Cliffs	3537'



8 jts 9-5/8", 36#, J-55, ST&C @ 332'.

104 jts of 2-7/8", 6.5#, J-55 tbg @
'3421' as follows: 2.28" "F" nipple on
bottom & 104 jts tbg.

74 jts 7", 23#, J-55, LT&C @ 3420'.

Well is producing open hole @
3420' – 3556'

TD @ 3556' MD

Open hole from 6-1/4" to 9-1/2"
from 3418' to 3555'

Hole Size	Casing	Cement	Volume	Top of Cmt
12-1/4"	9-5/8", 36#	170 sxs	240 cu.ft.	Surface
8-3/4"	7", 23#	550 sxs	1120 cu ft.	Surface