

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTN.M. Oil Cons. Div-Dist  
1301 W. Grand Avenue  
Artesia, NM 88210FORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

Lease Serial No. NMNM 95627

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

Rocky Arroyo Federal #1

9. API Well No.

30-015-34095

10. Field and Pool, or Exploratory Area

Rocky Arroyo (Morrow Gas)

11. County or Parish, State

Eddy Co., New Mexico

## SUBMIT IN TRIPLICATE- Other instructions on reverse side.

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

RECEIVED

2. Name of Operator

Clayton Williams Energy, Inc.

JUN 09 2005

3a. Address

79705

3b. Phone No. (include area code)

Six Desta Dr., #3000 Midland TX

432-682-6324

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec. 8, T22S R22E

990' FNL &amp; 660' FEL; UL A

## 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Spud & run surf csg.
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BLA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

05/29/05 MI &amp; RURT; prepspud inspection; install cond pipe, rot hd &amp; flow line; air drlg surf hole f/40'-90'; Spud 5/28/05

05/30/05 PO: Drlg; PTD: 955' (865'/23 hrs); Surf Rock/Sd; drlg &amp; wl survey 90'-955'; mud - Air/Mist

05/31/05 PO: Drlg; PTD: 1603' (648'/21.5 hrs); Surf; drlg w/air/mist &amp; survey f/985'-1603';

06/01/05 PO: PU 1" Pipe for Top Set Cmt; PTD: 1705' (102'4 hrs); drill f/1603'-1696', lost circ. @ 1635'; wkr tight hole clean @ 1696'; drill to 1705'; pmp 50 bbl. sweep & spot 100 bbl. hi-vis pill; POOH; RU & run 40 jts. 8 5/8" csg 24# J-55 set @ 1705'; cmt lead w/180 sx CL H + 10% A-10 + 1% CaCl2 + 10# LCM + 1/2# celoflake, 14.6 ppg; 2<sup>nd</sup> lead w/80 sx. 35/65/6 C + 2% CaCl + 5# LCM + 1/2# celoflake, 12.4 ppg; tail w/200 sx CL C + 2% CaCl2; displace w/103 BW; bump plug w/828#; plug held; did not circ; WOC; ran temp survey, TOC @ 1000'

06/02/05 PO: Cement backside w/1" pipe; PTD: 1705' (0'0 hrs); PU 1" pipe & tag @ 1585'; pump 50 sx. neat cmt. w/4% CaCl2; ST, pump FW to clear pipe; WOC & TIH w/pipe, tag @ 1585'; pmp 75 sx. neat w/CaCl2; ST; WOC & TIH w/pipe, tag @ 1429'; cmt. w/25 sx. neat + 6% CaCl2, charge pump out on cmt; TOOH w/23 jts. pipe, found pipe backed off @ pin end, left 19 jts in hole; WOC & TIH w/1" tag @ 680', tbg. stopped @ 732'; cmt. w/75 sx. neat w/4% CaCl2, pump truck failed; WOC & TIH w/1" pipe, note: total cmt. pumped on backside = 225 sx

06/03/05 PO: WOC; PTD: 1705' (0'0 hrs); TIH w/1", tag @ 700'; pump 150 sx. cmt. w/4% CaCl2; WOC & TIH & tag @ 700', TOH & pour pea gravel dwn hole; TIH & tag @ 560'; cmt. w/150 sx. neat + 4% CaCl2; TOH, first 45' very tight, recovered all pipe; WOC & TIH, tag @ 310'; cmt. w/150 sx. neat + 4% CaCl2 & TOH, FL @ 80'; WOC & TIH tag @ 90'; cmt. w/150 sx. neat + 4% CaCl2, did not circ to surface; WOC & TIH, tag @ 65'; cmt. w/100 sx. neat + 4% CaCl2, cmt. @ surface, total cmt. on backside was 925 sx.; 4 hrs. WOC

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

Betsy Luna

Title Engineering Technician

Signature

Betsy Luna

Date

06-03-2005

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Office

ACCEPTED FOR RECORD

Date

JUN - 7 2005

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

(Instructions on page 2)

ALEXIS C. SWOBODA  
PETROLEUM ENGINEER