

## N.M. Oil Cons. DIV-Dist. 2

1301 W. Grand Avenue

Artesia, NM 88210

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Form 3160-4  
(September 2001)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
MB NO. 1004-0137  
Expires: January 31, 2004

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry Other						5. Lease Serial No. <b>NM-45627 95627</b>			
b. Type of Completion: <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr., Other _____						6. If Indian, Allottee or Tribe Name			
2. Name of Operator <b>CLAYTON WILLIAMS ENERGY, INC.</b>						7. Unit or CA Agreement Name and No.			
3. Address <b>MIDLAND, TX 79705 6 DESTA DRIVE, STE. 3000</b>				3a. Phone No. (include area code) <b>(432) 682-6324</b>		8. Lease Name and Well No. <b>ROCKY ARROYO FEDERAL #1</b>			
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface <b>990' FNL &amp; 660' FEL; UL A</b> At top prod. interval reported below <b>SAME</b> At total depth <b>SAME</b>						9. API Well No. <b>30-015-34095 S1</b>			
14. Date Spudded <b>05/28/05</b>						15. Date T.D. Reached <b>07/16/05</b>		16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.	
17. Elevations (DF, RKB, RT, GL)* <b>4473' GL</b>						10. Field and Pool, or Exploratory <b>ROCKY ARROYO (MORROW GAS)</b>			
18. Total Depth: MD TVD <b>9315'</b>						19. Plug Back T.D.: MD TVD <b>9258'</b>		11. Sec., T., R., M., on Block and Survey or Area <b>SEC. 8 T22S R22E</b>	
20. Depth Bridge Plug Set: MD TVD						12. County or Parish <b>EDDY</b>			
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) <b>DUAL SPACED NEUTRON SPECTRAL DENSITY &amp; HIGH RESOL.</b>						13. State <b>NM</b>			
22. Was well cored? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit copy)									
23. Casing and Liner Record (Report all strings set in well)									
Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
<b>11"</b>	<b>8 5/8"</b>	<b>24#</b>	<b>0'</b>	<b>1705'</b>		<b>685 SX</b>		<b>SURF-CIRC</b>	<b>NONE</b>
<b>5.5"</b>	<b>4"</b>	<b>17#</b>	<b>0'</b>	<b>9315'</b>		<b>1700 SX</b>			<b>NONE</b>
<b>DV TOOL</b>					<b>5496'</b>	<b>1475 SX</b>			
24. Tubing Record									
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	
<b>2 7/8"</b>	<b>9046'</b>	<b>8999'</b>	<b>5 1/2"</b>	<b>27/8"</b>					
25. Producing Intervals									
Formation		Top	Bottom	Perforated Interval		Size	No. Holes	Perf. Status	
A) <b>MORROW BASE -</b>		<b>8870'</b>	<b>9160'</b>	<b>9057'-9063'</b>		<b>.47</b>	<b>37</b>		
B) <b>TOP OF BARNET SHALE</b>									
C)									
D)									
26. Perforation Record									
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.									
Depth Interval		Amount and Type of Material							
<b>9057'-9063'</b>		<b>NONE</b>							
28. Production - Interval A									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
<b>8/18/5</b>	<b>8/18/5</b>	<b>24</b>	<b>→</b>	<b>0</b>	<b>1129</b>	<b>0</b>	<b>0</b>	<b>.599</b>	<b>FLOWING</b>
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
<b>9/64</b>	<b>2100</b>	<b>0</b>	<b>→</b>					<b>CURRENTLY SHUT IN; WAITING ON PIPELINE</b>	
28a. Production - Interval B									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			<b>→</b>						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

ACCEPTED FOR RECORD

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ALEXIS C. SWOBODA  
PETROLEUM ENGINEER

## 3b. Production - Interval C

ate First roduced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
hoke ize	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

## 3c. Production - Interval D

ate First roduced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
hoke ize	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

4. Disposition of Gas (Sold, used for fuel, vented, etc.)

**SOLD**

## 5. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
				<b>ABO SHALE</b>	<b>4415'</b>
				<b>WOLFCAMP</b>	<b>4980'</b>
				<b>CISCO/CANYON</b>	<b>7180'</b>
				<b>STRAWN</b>	<b>7910'</b>
				<b>ATOKA</b>	<b>8440'</b>
				<b>MORROW</b>	<b>8870'</b>
				<b>BARNETT SHALE</b>	<b>9160'</b>

2. Additional remarks (include plugging procedure):

## 3. Circle enclosed attachments:

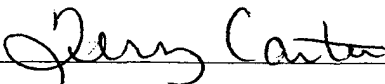
1. Electrical/Mechanical Logs (1 full set req'd.)    2. Geologic Report    3. DST Report    4. Directional Survey  
5. Sundry Notice for plugging and cement verification    6. Core Analysis    7. Other:

**INCLINATION SURVEY**

4. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) **TERRY CARTER**Title **DRILLING TECHNICIAN**

Signature



Date

**08/22/05**

the 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.

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