

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division

811 S. 1st Street

FORM APPROVED  
OMB NO. 1004-0137

Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG  
Artesia, NM 88210-2834

Well No.

NM - 14847

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry Other  
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,  
Other \_\_\_\_\_

2. Name of Operator  
**CLAYTON WILLIAMS ENERGY, INC.**

3. Address  
**6 DEST DRIVE, STE. 3000 MIDLAND, TX 79705**

3a. Phone No. (include area code)  
**(817) 682-6324**

4. Location of Well (Report location clearly and in accordance with Federal requirements)  
At surface **990' FNL & 330' FEL: UNIT A**  
At top prod. interval reported below **SAME**  
At total depth **SAME**

6. If Indian, Allottee or Tribe Name  
7. Unit or CA Agreement Name and No.  
8. Lease Name and Well No.  
**PHILLIPS 19 FEDERAL 1**

9. API Well No.  
**30-015-31224**

10. Field and Pool, or Exploratory  
**EMPIRE, UNIT (YES0)**

11. Sec., T., R., M., on Block and Survey or Area  
12. County or Parish **EDDY** 13. State **NM**

14. Date Spudded **08/26/00** 15. Date T.D. Reached **9/05/00** 16. Date Completed **9/18/00**  
☐ D & A ☒ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)\*  
**3651' GL**

18. Total Depth: MD **MD** TVD **4800'** 19. Plug Back T.D.: MD **MD** TVD **4740'** 20. Depth Bridge Plug Set: MD **MD** TVD **TVD**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
**AZL MICRO-CFL/GR, CNLD/GR, SPEC/GR LOG**

22. Was well cored? ☒ No ☐ Yes (Submit analysis)  
Was DST run? ☒ No ☐ Yes (Submit report)  
Directional Survey? ☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well) DV TOOL									
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
11"	8 5/8"	24#	0'	446'		250SX CL.C	59	Surface-circ	none
7 7/8"	5 1/2"	17#	0'	4800'	2747'	1501 sx CL.C	468	4740'-calc	none

24. Tubing Record								
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 7/8"	3846'							

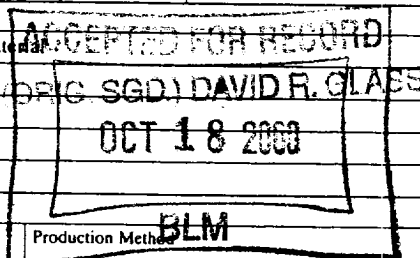
25. Producing Intervals				26. Perforation Record			
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status	
A) YES0	3893'	4150'	3895'-4135'	.47	20	open	
B)							
C)							
D)							

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.		Amount and Type of Material
Depth Interval		
3895'-4135'		982 bbls hot acid + 1285 bbls gel + 334 bbls KCL

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
9/19/00	9/29/00	24	→	135	147	567	39.8	1200
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status
	50	50	→					Producing

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
			→					
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status
			→					

(See instructions and spaces for additional data on reverse side)



## 28b. Production - Interval C

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

## 28c. Production - Interval D

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

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

**SOLD**

## 30. 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
"YESO"	3893	4150	Rotary sidewall cores taken at selected depths in Yeso porosity 3898'-4135' OA	Yates	825
San Andres	2353	3794	Rotary sidewall cores in San Andres porosity 2440'-3336' OA	Seven Rivers	1090
Seven Rivers	1090	1666	Rotary sidewall cores in Seven River porosity 1129'-1166' OA	Queen	1666
				Grayburg	2045
				San Andres	2353
				Glorietta	3794

## 32. Additional remarks (include plugging procedure):

## 33. 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 Svy.**

## 34. 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) Betsy Luna Title Engineering TechnicianSignature Betsy Luna Date 10/05/00

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.



**RECEIVED**

SEP 22 2000

**ACCOUNTING**

KEY ENERGY DRILLING, INC.  
P.O. Box 1295  
Midland, Texas 79702  
Phone 915-570-0494  
Fax 915-570-0465

To Whom It May Concern:

RE: STATE OF NEW MEXICO  
OIL AND GAS DIVISION  
INCLINATION REPORT

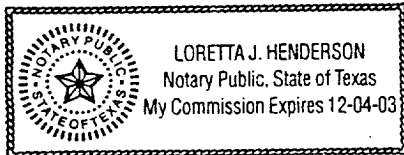
Lease Name: PHILLIPS 19 FEDERAL  
Well Number: #1  
County/State: EDDY, NM  
Operator: CLAYTON WILLIAMS ENERGY  
Address: 6 DESTA DRIVE #1100  
Address: MIDLAND, TX 79705  
Location:

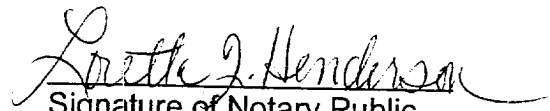
I, **CHOYR GILBERT**, Contract Manager for Key Energy Drilling, Inc., PO Box 1295, Midland, TX 79702, declare that I am authorized to make this certification, that I have personal knowledge of the inclination data and facts placed on this form and that such data and facts are true, correct, and complete to the best of my knowledge.

Sworn to and Subscribed Before Me by the said

  
CHOYR GILBERT  
Contract Manager

This the 19TH day of SEPTEMBER, 2000




  
Signature of Notary Public  
In and for the State of Texas

**LORETTA J. HENDERSON**  
Print Name of Notary Public



## INCLINATION REPORT

LOCATION
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SIGNATURE OF AUTHORIZED REPRESENTATIVE 	NAME OF COMPANY <b>KEY ENERGY DRILLING, INC.</b>
NAME OF PERSON AND TITLE <b>CHOYR GILBERT - CONTRACT MANAGER</b>	TELEPHONE NUMBER <b>(915) 570-0494</b>