

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 South First, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

WELL API NO. **30-015-32187**  
5. Indicate Type of Lease  
STATE ☒ FEE ☐  
State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>		7. Lease Name or Unit Agreement Name  <b>STATE '20 B'</b>
b. Type of Completion: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/>		8. Well No.  <b>12</b>
2. Name of Operator <b>CLAYTON WILLIAMS ENERGY, INC.</b>		9. Pool name or Wildcat <b>EMPIRE, EAST (YESO) (96610)</b>
3. Address of Operator <b>6 DESTA DRIVE, STE. 3000 MIDLAND, TX 79705</b>		

4. Well Location Unit Letter <b>0</b> : <b>380'</b> Feet From The <b>SOUTH</b> Line and <b>1650'</b> Feet From The <b>EAST</b> Line Section <b>20</b> Township <b>17 S</b> Range <b>29 E</b> NMPM <b>EDDY</b> County					
10. Date Spudded <b>03/26/03</b>	11. Date T.D. Reached <b>04/07/03</b>	12. Date Compl. (Ready to Prod.) <b>04/17/03</b>	13. Elevations (DF& RKB, RT, GR, etc.) <b>3608' GR</b>	14. Elev. Casinghead	
15. Total Depth <b>4506'</b>	16. Plug Back T.D. <b>4496'</b>	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By <b>X</b>	Rotary Tools <b>X</b>	
19. Producing Interval(s), of this completion - Top, Bottom, Name <b>3823' - 4185' YESO</b>			20. Was Directional Survey Made <b>NO</b>		
21. Type Electric and Other Logs Run <b>DSN GAMMA RAY/CEMENT BOND</b>			22. Was Well Cored <b>NO</b>		

23. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
<b>8 5/8"</b>	<b>24#</b>	<b>411'</b>	<b>12 1/4"</b>	<b>200 SX</b>	<b>NONE</b>
<b>5 1/2"</b>	<b>17#</b>	<b>4496'</b>	<b>7 7/8"</b>	<b>1855 SX</b>	<b>NONE</b>
24. LINER RECORD					
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	
25. TUBING RECORD					
SIZE	DEPTH SET	PACKER SET			
<b>2 7/8"</b>	<b>4181'</b>	<b>3775'</b>			
26. Perforation record (interval, size, and number) <b>3823'-4185'; .47#, 37 SHOTS</b>			27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.		
			DEPTH INTERVAL		
			AMOUNT AND KIND MATERIAL USED		
			<b>3823'-4185'</b>		
			<b>95,000 GALS TREATED H2O 40# + 20% + 15% GELLED &amp; HEATED HCL</b>		

28. PRODUCTION							
Date First Production <b>04/17/03</b>		Production Method (Flowing, gas lift, pumping - Size and type pump) <b>PUMPING</b>			Well Status (Prod. or Shut-in) <b>PRODUCING</b>		
Date of Test <b>04/18/03</b>	Hours Tested <b>24</b>	Choke Size <b>---</b>	Prod'n For Test Period	Oil - Bbl <b>116</b>	Gas - MCF <b>52</b>	Water - Bbl. <b>158</b>	Gas - Oil Ratio <b>448</b>
Flow Tubing Press. <b>50</b>	Casing Pressure <b>50</b>	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.) <b>39.5</b>	
29. Disposition of Gas (Sold, used for fuel, vented, etc.) <b>SOLD</b>						Test Witnessed By	
30. List Attachments							

C-104; C-116; DEVIATION SURVEY; LOGS

31 I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief

Signature Terry Carter Printed Name **TERRY CARTER** Title **DRLG TECHNICIAN** Date **05/01/03**

# INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

### Southeastern New Mexico

T. Anhy DNL  
T. Salt DNL  
B. Salt DNL  
T. Yates DNL  
T. 7 Rivers DNL  
T. Queen DNL  
T. Grayburg 2006  
T. San Andres 2316  
T. Glorieta 3783  
T. Paddock 3900  
T. Blinebry  
T. Tubb  
T. Drinkard  
T. Abo  
T. Wolfcamp  
T. Penn  
T. Cisco (Bough C)

T. Canyon  
T. Strawn  
T. Atoka  
T. Miss  
T. Devonian  
T. Silurian  
T. Montoya  
T. Simpson  
T. McKee  
T. Ellenburger  
T. Gr. Wash  
T. Delaware Sand  
T. Bone Springs  
T.  
T.  
T.

### Northwestern New Mexico

T. Ojo Alamo  
T. Kirtland-Fruitland  
T. Pictured Cliffs  
T. Cliff House  
T. Menefee  
T. Point Lookout  
T. Mancos  
T. Gallup  
Base Greenhorn  
T. Dakota  
T. Morrison  
T. Todilto  
T. Entrada  
T. Wingate  
T. Chinle  
T. Permian  
T. Penn "A"

T. Penn. "B"  
T. Penn. "C"  
T. Penn. "D"  
T. Leadville  
T. Madison  
T. Elbert  
T. McCracken  
T. Ignacio Otzte  
T. Granite  
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### OIL OR GAS SANDS OR ZONES

No. 1, from...**3823'**.....to.....**4185'**.....  
No. 2, from...**3371'**.....to.....**3645'**.....  
No. 3, from.....**2592'**.....to....**2940'**.....  
No. 4, from.....to.....

### IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....  
No. 2, from.....to.....feet.....  
No. 3, from.....to.....feet.....

### LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology	From	To	Thickness In Feet	Lithology
2316	3783	1467'	DOLOMITE W/ANHYDRITE AND TRACES LIMESTONE/CHERT	2006	2316	310'	SAND/SHALE W/INCREASING DOLOMITE/ANHYDRITE
3783	3900	117'	DOLOMITE W/SAND AND MINOR LIMESTONE				
3900	4500	600'	DOLOMITE				



OPERATOR: CLAYTON WILLIAMS ENERGY, INC.  
WELL/LEASE: STATE 20-B #12  
COUNTY: EDDY

065-0031

STATE OF NEW MEXICO  
DEVIATION REPORT

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369	1 1/2
905	1 3/4
1,151	1
1,555	1
2,046	1 1/4
2,546	1 1/2
3,039	1 3/4
3,536	1 1/4
4,032	3/4
4,506	3/4



By: 

STATE OF TEXAS

COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on this 14th day of April, 2003, by Steve Moore on behalf of Patterson-UTI Drilling Company LP, LLLP.

My Commission Expires: 4/08/2007

  
Notary Public for Midland County, Texas

