

Method

ACCEPTED FOR RECORD

DEC 28 2006

FREDERICK WRIGHT
PETROLEUM ENGINEER

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
ANHY	650				
7 RIVERS	3,620				
DELAWARE	4,910				
BONE SPRING	6,450				
WOLFCAMP	9,902				
PENN	10,295				
STRAWN	10,868				
ATOKA	11,168				
MORROW	11,402				
L. MORROW	12,050				

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☒ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☐ Directional Survey
 ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ Other:

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) Phyllis A. EdwardsTitle Regulatory AnalystSignature Phyllis A. EdwardsDate 12/18/2006

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.

OPERATOR
WELL/LEASE
COUNTY

COG Operating
Blue Thunder 5 Fed. Com. 1
Eddy Co., N.M.

056-0026

STATE OF NEW MEXICO
DEVIATION REPORT

173	0.75	8,665	1.25
936	1.25	8,810	1.25
1,221	1.00	9,280	1.25
1,505	1.00	9,477	1.00
1,822	0.25	9,765	0.75
2,075	1.00	10,115	1.25
2,360	1.00	10,463	0.25
2,646	0.75	10,717	0.50
2,931	1.00	11,034	1.00
3,248	1.00	11,346	1.00
3,597	1.00	11,689	1.75
3,908	0.25	11,955	2.00
4,195	0.25	12,268	2.00
4,538	1.00	12,310 T.D.	2.00
4,822	0.75		
5,138	0.00		
5,455	1.00		
5,805	0.75		
6,118	1.25		
6,472	1.25		
6,820	1.25		
6,946	1.25		
7,137	2.00		
7,395	1.00		
7,517	2.25		
7,643	2.25		
7,770	1.75		
7,991	1.75		
8,118	2.25		
8,245	2.00		
8,377	1.75		
8,530	1.25		

STATE OF TEXAS

COUNTY OF MIDLAND

BY: 

The foregoing instrument was acknowledged before me on
Moore on behalf of Patterson-UTI Drilling Company LP, LLLP.

October 30, 2006, by Steve


Notary Public for Midland County, Texas
My Commission Expires: 4/08/07

