Form 3160)-4								OCD)-A	KIE	SIA			
(April 2004) UNITED STATES (April 2004) DEPARTMENT OF THE IN BUREAU OF LAND MANA						E INTERIOR						FORM APPROVED OMBNO. 1004-0137 Expires: March 31, 2007			
· *: *	WEI		MPLE	TION	OR	RECOMPLE	TION REP	ORT A	ND LO	G		5.	Lease	e Serial No.	NMLC-06903
la. Type	of Well		Vell 5	Gas V	Vell		her					6	If Ind	ian, Allotte	e or Tribe Name
	of Complet			lew Well		Work Over		Plug Ba	ck	Diff. F	Resvr, .				
			Other					1282	93037			7.	Unit o	or CA Agre	ement Name and N
2. Name	of Operato	COG	Operat	ing LL	С		101	1			2	8.		Name and	
								3a Phone No. (include the a codain Ba fact 4340					Blue Thunder 5 Federal #1 9. AFI Well No.		
								633-66	3-4340		6		30-015-34991		
4. Locat	ion of Well	(Report la	ocation o	clearly a	nd in ac	ccordance with [edend Vequire	nents)*	SIL C	<u>S</u> ev	1 @	10.	10. Field and Pool, or Exploratory Lusk Morrow Gas West		
At sur	face 1	980' FNI	. & 660)' FEL,	Unit H	t	2.7					/			on Block and
At top	prod. inter	val reporte	ed below	v			No.		91914		N.		Surve	y or Area	Sec 5, T19S, R31E
A 4 4-4	al danth						Les Contraction of the second se	241	91 GL 7	EL	0/	12		ty or Parish	13. State NM
14. Date S	al depth		15.	Date T.I	D. Reacl	hed	16. Dat	e Comple		/30/2		17.	Eddy Eleva	tions (DF. 1	RKB, RT, GL)*
	0/2006				/2006	-		D & A						3587'	
18. Total	•	D			19. P	lug Back T.D.:	MD		20.	Depth	Bridge P	lug Set:	MD		
		VD 12,3					TVD 12,200				,		TV		None
				-	Run (Su	ıbmit copy of ea	ch)	22. Was well cored? Was DST run?					✓ No Yes (Submit analysis) No ✓ Yes (Submit report)		
Micr	o CFL / H	NGS & O	CN HN	GS							tional Sur		✓ No		Submit copy)
23. Casin						set in well)	Stage Cemen	ter N	of Sks.	e.	Classes I	7-1			
Hole Size	Size/Gra	de Wt.	(#/ft.)	Тор ((MD)	Bottom (MD)	Depth		be of Cem		Slurry V (BBL	vol. .)	Cemen	t Top*	Amount Pulled
17-1/2	13-3/8			· · · · · · · · · · · · · · · · · · ·	55	ļ			70 C	_+			Surf		142 sx to pit
12-1/4	8-5/8	32		3,62 12,3				_	юс /5С&Н				Surf 2900		180 sx to pit
			.,												
24. Tubin	g Record														i
Size		Set (MD)	Packe	r Depth	(MD)	Size	Depth Set (M	D) Pack	er Depth (MD)	Si	ze	Depth	Set (MD)	Packer Depth (N
2-7/8	12,079	1	12,0	69		4-1/2	2(D.f.								
25. Produc	Formation			Тор	,	Bottom		tion Reco ed Interv		S	lize	No. Ho	oles		Perf. Status
A)							12,084 - 12,)98	· · · · · · · · · · · · · · · · · · ·	4 SI	PF :	56		Open	
B) C)															
<u>D)</u>															
27. Acid, H			ement S	queeze,	etc.	· · · · · · · · ·					I			r	
<u> </u>	Depth Interv	al						Amoun	t and Type NONE		Iaterial				·······
		val A	1												
28. Produ	ction - Inter		Test	. 0	il BL	Gas Ward MCF BI	iter Oil (L Con	Gravity . API	Ga Gr	s avity	Proc	duction M	lethod		
28. Produ Date First Produced	ction - Inter Test Date	Hours Tested	Produc	tion Bi					51.	7	Fl	owing			
Date First Produced 12/07/2006	Test Date 12/10/2006	Tested 24	Product	20		4552 0		0.11		-					
Date First Produced	Test Date 12/10/2006 Tbg. Press. Flwg.	Tested		20		4552 0	ter Gas/ IL Ratio		Wel	Statu					
Date First Produced 12/07/2006 Choke Size 15/64	Test Date 12/10/2006 Tbg. Press. Flwg. SI 3250	Tested 24 Csg. Press.	24 Hr.	20	il	4552 0 Gas W)	Wel	Statu	PF	RODUCIN			
Date First Produced 12/07/2006 Choke Size 15/64 28a. Produ Date First	Test Date 12/10/2006 Tbg. Press. Flwg. SI 3250 Inction - Inte Test	Tested 24 Csg. Press. rval B Hours	Produc 24 Hr. Rate	20 0i B1 0i 0i	il BL 	4552 0 Gas Wi MCF BI	E Ratio	14 Gravity	Gas		PF				DFORRE
Date First Produced 12/07/2006 Choke Size 15/64 28a. Produ	Test Date 12/10/2006 Tbg. Press. Flwg. SI 3250 action - Inte	Tested 24 Csg. Press. rval B	Produc 24 Hr. Rate	20 0i Bl 0i	il BL 	4552 0 Gas Wi MCF BI	E Ratio	14			PF			EPTE	D FOR RE
Date First Produced 12/07/2006 Choke Size 15/64 28a. Produ Date First Produced Choke	Test Date 12/10/2006 Tbg. Press. Flwg. SI 3250 Inction - Inte Test Date Tbg. Press.	Tested 24 Csg. Press. rval B Hours Tested Csg.	Produce 24 Hr. Rate Producti 24 Hr.	20 Oi BI Oi Oi Oi Oi Oi Oi	I BL I BL	4552 0 Gas Wa MCF BI Gas Wa MCF BB Gas Wa	L Ratic 22,3 Ier Oil C L Orr ter Gas/	14 Fravity API Dil	Gas Grav		PF				
Date First Produced 12/07/2006 Choke Size 15/64 28a. Produ Date First Produced	Test Date 12/10/2006 Tbg. Press. Flwg. SI 3250 iction - Inte Test Date	Tested 24 Csg. Press. rval B Hours Tested	Produce 24 Hr. Rate Test Producti	Definition of the second secon	I BL I BL	4552 0 Gas Wa MCF BI Gas Wa MCF BP	L Ratic 22,3 Ier Oil C L Orr ter Gas/	14 Fravity API Dil	Gas Grav	ity	PF				
Date First Produced 12/07/2006 Choke Size 15/64 28a. Produ Date First Produced Choke Size	Test Date 12/10/2006 Tbg. Press. Flwg. SI 3250 Inction - Inte Test Date Tbg. Press. Flwg.	Tested 24 Csg. Press. rval B Hours Tested Csg. Press.	Produce 24 Hr. Rate Producti 24 Hr. Rate	20 Oi BI Oi BI	1 BL BL BL 1 BL	4552 0 Gas Wa MCF BI Gas Magnetic structure MCF BE	L Ratic 22,3 Ier Oil C L Orr ter Gas/	14 Fravity API Dil	Gas Grav	ity	PF			DE	DFOR RE

	ction - Inte		.				·····			
Date First		Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method	
Produced	Date	Tested	Production	BBL	MCF	BBL	Corr. API	Gravity		
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas/Oil	Well Status		
Size	Flwg. Sl	Press.	Rate	BBL	MCF	BBL	Ratio			
8c. Prod	uction - Inte	erval D	1							
Date First	Test	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method	
Produced	Date	Tested	Production	BBL	MCF	BBL	Corr. API	Gravity		
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas/Oil	Well Status		
Size	Flwg.	Press.		BBL	MCF	BBL	Ratio	1		
	SI		>		1	1				

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

SOLD

30. Summary of Porous Zones (Include Aquifers):

31. Formation (Log) Markers

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.

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				. 5	
STRAWN	10,868				5 - 24 1	
атока	11,168					
MORROW	11,402					
L. MORROW	12,050					

32. Additional remarks (include plugging procedure):

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33. Indicate which itmes 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. Edwards Title Regulatory Analyst								
Signature Dy line durand Date 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								

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.

(Form 3160-4, page 2)

OPERATORCOG OperatingWELL/LEASEBlue Thunder 5 Fed. Com. 1COUNTYEddy Co., N.M.

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		

BY:

October 30, 2006

STATE OF TEXAS

COUNTY OF MIDLAND

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

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



, by Steve