MUST BE FILED BY OPERATOR OR WORKING INTEREST OWNER X OPERATOR ~

OKLAHOMA CORPORATION COMMISSION

Oil & Gas Conservation Division

NEW	WELL
11.12.11	***

Form 1534 Rev. 2007

Post Office Box 52000 Oklahoma City, Oklahoma 73152-2000

X	EXISTING WELL	

WORKING INTEREST OWNER	APPLICATION FOR TAX F	EBATE	
APPLICANT Applicant Name			Phone
CHESAPEAKE OPERATING, IN	VC.		(405) 935-1419
P.O. BOX 18496	Fax No. (405) 849-1419		
OKLAHOMA CITY	73154-0496		
Operator Name CHESAPEAKE OPERATING, IT	OCC/ OTC No. 17441		
Address P.O. BOX 18496			Phone (405) 935-1419
OKLAHOMA CITY	State OKLAH	HOMA	73154-0496
Lease Name/No. STATE 4-33	OTC Prod Unit No.	153-108745 •	API No. 35-153-22394-000
Location (1/4 1/4 1/4) C S2 N2 NW Sec.	33 · Twp. 23N ·	Rge. 17W	County WOODWARD
Please attach copy of 1002A.		1744	WOODWARD
Additional geologic and/or engineering data may be required in order to approve any	application.		
I. PRODUCTION ENHANCEMENT PROJECT	165:10-21-21 through 24	0.1-1-7-1	2
Project Start Date (MM/DD/YR) 7/29/2010 Project Completion D. (MM/DD/YR)	8/13/20	10 - Orig. 1st Prod (MM/DD/YR)	3/5/2002 —
Project description:		1st Sale Date (MM/DD/YR)	8/13/2010
		(MMBB, III)	SEE ATTACHED
WORKOVER/RECOMPLET	ION /	Base Prod Amt	DECLINE
II. INACTIVE WELL 165:10-21-35 through 38 Cessation of production Shut	In Mechanical Failure		
(MM/DD/YR) Re-work commenced Describe n	ature of failure:		
(MM/DD/YR)			PRODU
Production Re-established (MM/DD/YR)	Oklahoma Corporation Co Oil & Gas Division	ommission	MENTED
Describe work done to restore production to inactive well:	Approv	ed	SEP 2 5 2012
Attach supporting documentation for inactivity period or mechanical failure			OKLAHOMA CORPORATION
III. DEEP WELL 165:10-21-45			OKLAHOMA CORPORATION COMMISSION
Total Depth Spud Date		1st Sales	Date
IV. NEW DISCOVERY 165:10-21-55 through 58			
Formation Depth (top)	Producing Inverval (top-bottom)	Spud Date (MM/DD/YR)	Base Prod Amount if applicable
Oil Production (>1 mile) same formation Oil Production (>1 mile)	le) same interval of same formation	Oil Produ	ction (>1 mile) deeper formation
Gas Production (>2 miles) same formation Gas Production (>2 m Attach a location plat locating and identifying the subject well and all wells with	iles) same interval of same formation in 1 mile for oil production or 2 miles		uction (>2 miles) deeper formation
Attach supporting documentation for the specific "New Discovery" category.			
	1-65 through 69	09	Measured depth at terminus
(MM/DD/YR) (MM/DD/YR)	Measured depth at 7	0	Measured deput at terminus
Base Production amount if applicable:			
VI. 3D SEISMIC AREA 165:10-21-82		Shoot Name	
Spud Date (MM/DD/YR) First	Sale Date (MM/DD/YR)		Shoot Date (MM/DD/YR)
Attach 3D shoot project outline and evidence supporting use of 3D technology.			
Affidavit Statement: I declare that I have knowledge of the contents of the application, which was prepherein to be true, correct, and complete to the best of my knowledge and belief.	ared by me or under my supervision and	l direction, with the data and f	acts stated
Signature 9 9 9 9	7.	Date 09/14/10	Phone No. (405) 935-2154
Name & Title (Typed or Printed)	D COOPPINATOR	o the bot	E-mail Address
ELIZABETH SMITH, S	K. COORDINATOR		ELIZABETH.A.SMITH@CHK.COM
OCC USE ONLY	W	lp	CHIN PROP "
Reviewed by	Approved	Denied	СНК РКОР# 194135 -

(Base Production Calculation)

Remark:

- 1) As per 165:10-21-22, if the well had production for less than the full twelve-month period prior to the filling of application, then the base production shall be the average monthly production during the period well was produced.
- 2) If Decline curve ends with positive exponent, then twelve-month average will be used as base production.
- 3)The base production shall be the average monthly production for the twelve-month period immediately prior to project beginning date less the monthly rate of production decline for each month beginning one hundred eighty days prior to project beginning date. The monthly rate of production decline shall be the average extrapolated monthly decline rate for the twelve months prior to project based on production history of the well, and sound reservoir engineering principles.

Instruction:

- 1) Type production data in Pink column
- 2) Obtain the exponent in the equation and type in pink cell

Well	STATE 4	-33 🗸										
Month	GAS						1678.6	1678.6e ^{-0.037x}				
1	1347							Decline (Curve Equation	1		
2	1810 🗸											
3	1544~											
4	1546-/					2000 1800						
5	1424~					1600						
6	1346 -	1332 .			e	1400						
7	1254~	1284			Gas / Oil Rate	1200 1000 						
8	1097	1237			ō	800	/					
9	1248~	1192) ses	600 400 						
10	11717	1149				200						
11	1161/	1107				o 		1	<u> </u>			
12	1041 4	1067 -				0	2	4	6 8	10	12	14
		Dec.Rate		0.0370								
		Average		1332 '					Month			
		Base		1067 •		5.00		63.3				
Months	_											
1067 1	1028	991	955	920	887	855	824	794	765	737	710	685
660	636	613	590	569	548	528	509	491	473	456	439	423
408	393											

SUBMITTING COMPANY NAME

NUMBER OF **APPLICATIONS**

DATE RECEIVED

SEP 25 2012

OKLAHOMA CORPORATION COMMISSION

CHECK RECEIPT#

TAX EXEMPTION APP

Payor: CHESAPEAKE OPERATING

Time: 09:53 1302160020

Chesapeake

Chesapeake Energy Corporation

CST Production Monitor Export

STATE 4-33 (RED FORK)

1/2008 - 8/2012 | Gross Volumes | Operated Wells | 14 65 Pressure Base

1/2008 - 8/2012 Gross Volumes Operated Wells 14.65 Pressure Base													
		Sas Sales Gas I		Gas	Oil Oil	Oil Oil	Oil	Water	Water Cas			Downtime Downtime	Comments Choke Producing
	(Mcf)	(Mcf) (Mc	f) Forecast (Mcf)	Goal (Mcf)	Prod Sales (bbl)	Stock Forecast (bbl) (bbl)	st Goal(bbl)	Prod (bbl)	Inj (bbl) (ps	ig) (psig)	(psig)	(days) Reason	Well Count
01/01/2008	2,018	2,018	0 1,980	0		3	2 (9	0	0	0 0	0	0 1
02/01/2008	1,881	1,881	0 1,960	0	0 0	57	2 (23	0	0	0 0	0	0 1
03/01/2008	1,951	1,951	0 1,941	0	0 0	57	2 (0 0	0	0	0 0	0	0 1
04/01/2008	1,713	1,713	0 1,922	0	0 0	57	2 (0	0	0	0 0	1 Shut-in	0 1
05/01/2008	1,721	1,721	0 1,904	0	0 0	57	2 () 1	0	0	0 0	0	0 1
06/01/2008	1,805	1,805	0 1,886	0	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	·/		30	0	0	0 0	0,	
07/01/2008	2,181	1,867	0 1,805	0	~~~~~		····	0		······································	0 0	0	
08/01/2008	2,041	1,714	0 1,787	0	***************************************	idaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa	2 0	~~~~~~~~~~	····· ·	·····	0 0	0	0 1
09/01/2008	1,781	1,517	0 1,769	0	***************************************		_2	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	0		0 0	0	0 1
10/01/2008	1,828	1,504	0 1,675	0	•••••	idgamannan maratadindipinan manan manan m	2 0			·····	0 0	0	0 1
11/01/2008	1,690	1,373	0 1,656	0	······		2 0		0		0 0	0	0 1
12/01/2008	1,598	1,270	0 1,638	0	······	ekonominani matakon manaini ma	2 0	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		····	0 0	0	0 1
01/01/2009	1,525	1,197	0 1,062	0	***************************************	·/p······	2 0	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		·····	0 0	0	0 1
02/01/2009	1,392	1,096	0 1,050	0	•••••	·kp	2 0	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	0	·····	0 0	0.0	0 1
04/01/2009	1,343	1,015 928	0 1,038 0 1,027	0		·{····································	2 0		0		0 0	2 Pumped Off	0 1
05/01/2009	1,245 1,319	928	0 1,027 0 1,015	0	0 0	·\$	2 0		0	······	~~ .	0	~~~ .
06/01/2009	1,224	907	0 1,015	0	0 0	·\$	2 0		0		0 0	0	0 1
07/01/2009	1,347	1,039	0 1,004	0	0 0	·}······	2 0		0	······	0 0	0	0 1
08/01/2009	1,810	1,483	0 1,239	0	0 0		2 0		0		0 0	0	0 1
09/01/2009	1,544	1,254	0 1,209	0	0 0	58	2 0	<u></u>	0	······································	0 0	1 Compressor Down	0 1
10/01/2009	1,546	1,224	0 1,444	0	0 0	58	2 0	0	0	0	0 0	0	0 1
11/01/2009	1,424	1,107	0 1,427	0	0 0	7	2 0		0	······································	0 0	0	0 1
12/01/2009	1,346	1,050	0 1,409	0	0 0	58	2 0	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	0		0 0	1 Compressor Down	0 1
01/01/2010	1,254	954	0 1,392	0	0 0	58	2 0	0	0	0	0 0	0	0 1
02/01/2010	1,097	884	0 1,374	0	0 0	7	2 0	0	0	0	0 0	0	0 1
03/01/2010	1,248	927	0 1,358	0	0 0	58	2 0	0	0	0	0 0	0	0 1
04/01/2010	1,171	855	0 1,207	0	0 0	58	2 0) 4	0	0	0 0	0	0 1
05/01/2010	1,161	838	0 1,192	0	0 0	58	2 0	0	0	0	0 0	0	0 1
06/01/2010	1,041	753	0 1,177	0	0 0	58	2 0	0	0	0	0 0	3 Line/Plant Repairs	0 1
07/01/2010	1,728	1,429	0 0	0	0 0	58	2 0		0	0	0 0	3 Workover	
08/01/2010	9,147	9,147	0 0	0	1 0		2 0	, , , , , , , , , , , , , , , , , , ,	0	·····	0 0	4 Frac Job	0 0
09/01/2010	7,283	7,283	0 0	0	1 0	-	2 0	~-	0	······································	0 0	0	0 1
10/01/2010	5,818	5,818	0 6,254	0	0 0		2 0	uşummanınınığı	0	·····	0 0	0	0 1
11/01/2010	5,149	5,149	0 5,089	0	0 0	·	2 0		0		0 0	0	0 1
12/01/2010	4,740	4,740	0 4,292	0	4 0	·\$······	1 0	<u> </u>	0	·······	0 0	0	0 1
01/01/2011	4,383	4,383	0 3,712	0	16 0	·	1 0	, , , , , , , , , , , , , , , , , , ,	0		0 0	0	0 1
02/01/2011	3,601	3,601	0 3,271	0	1 0		1 0		0	······ z	0 0	0	0 1
03/01/2011	3,573	3,573	0 2,924	0	2 0		1 0		0		0 0	3 Line/Plant Repairs	0 1
04/01/2011	3,929	3,929	0 2,644	0	7 0	·\$~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	1 0	jugu-unu-u-unu-u-gui	0		0 0	0	1
05/01/2011 06/01/2011	3,599	3,599	0 2,413 0 2,219	0	7 0	·\$······			0	***************************************	0 0	0	0 1
07/01/2011	3,338 3,361	3,338 3,361	0 2,219 0 3,331	0	······	of announcement and announcement and	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	พร้างการทางการการการการที่	0	·····	0 0	0	0 1
08/01/2011		////////		0	6 0 1 0	·ş······	1 0			***************************************	0 0	0	0 1
09/01/2011	3,253 3,076	3,253 3,076	0 3,148 0 2,985	0	·····	4,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1 0		0	····	0 0	0	0 1
10/01/2011	3,105	3,076	0 2,838	0	***************************************		1 0	<u></u>	0		0 0	0	0 1
11/01/2011	2,899	2,899	0 2,705	0	1 0		1 0		0	•••••••••••	~	0	0 1
12/01/2011	2,099	2,099	0 2,705	0	2 0	-b	1 0				0 0	0	0 1
01/01/2011	2,846	2,846	0 2,364	0	n 0		1 0		0	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	0 0	0	