Form 3160-4 (April 2004)

*(See instructions and spaces for additional data on page 2)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0137 Expires: March 31, 2007

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2 Name of Operator CHESAPEAKE OPERATING, INC. ATTN: LINDA GOOD 8. Lesse Name and Wol No.	la. Type o	ſ Well]Oil We	l √Gas	Well	Diy O	her		· .	0,		aV	5. If Indi	an, Allottee	or Tribe Name	=
2 Name of Operator CHESAPEAKE OPERATING, INC. ATTN: LINDA GOOD 3. Address P.O. BOX 18496, OKLAHOMA CITY, OK 405-767-4275 4. Location of Well (Report location clearly and in accordance with Federal requirements)* 4. Location of Well (Report location clearly and in accordance with Federal requirements)* 4. Location of Well (Report location clearly and in accordance with Federal requirements)* 4. Location of Well (Report location clearly and in accordance with Federal requirements)* 4. Location of Well (Report location clearly and in accordance with Federal requirements)* 4. Location of Well (Report location clearly and in accordance with Federal requirements)* 4. Location of Well (Report location clearly and in accordance with Federal requirements)* 4. Location of Well (Report location clearly and in accordance with Federal requirements)* 4. Location of Well (Report location clearly and in accordance with Federal requirements)* 4. Location of Well (Report location clearly and in accordance with Federal requirements)* 4. Location of Well (Report location clearly and in accordance with Federal requirements)* 4. Location of Well (Report location clearly and in accordance with Federal requirements)* 4. Location of Well (Report location clearly and in accordance with Federal requirements)* 4. Location of Well (Report location)* 4. Date State Sputched* 4. Location of Well (Report location)* 4. Date State Sputched*	b. Type of	Completion	: [✓ New W	ell [Work Over	Deep	en Ph	ig Back	Diff.	Resvr,					_
3. Address P.O. BOX 18496, OxLAHOMA CITY, OX 71314-0496 4. Location of Well //Report location clearly and in accordance with Federal requirements)* 4. Location of Well //Report location clearly and in accordance with Federal requirements)* 4. Location of Well //Report location clearly and in accordance with Federal requirements)* 4. Location of Well //Report location clearly and in accordance with Federal requirements)* 4. Location of Well //Report clearly and in accordance with Federal requirements)* 4. Location of Well //Report interval reported below SAME 4. Location of Well //Report interval reported below SAME 4. Location of Well //Report interval reported below SAME 4. Location of Well //Report interval reported below SAME 4. Location of Well //Report interval reported below SAME 4. Location of Well //Report interval reported below SAME 4. Location of Well //Report interval reported below SAME 4. Location of Well //Report interval reported below SAME 4. Location of Well //Report interval reported below SAME 4. Location of Well //Report interval reported below SAME 4. Location of Well //Report interval reported below SAME 4. Location of Well //Report interval reported below SAME 4. Location of Well //Report interval reported below SAME 4. Location of Well //Report interval reported below SAME 4. Location of Well //Report interval reported below SAME 4. Location of Well //Report interval reported below SAME 4. Location of Well //Report interval reported below SAME 4. Location of Well //Report interval report interval report interval report interval reports			(Other						1000			! Unit o	r CA Agree	ment Name and No.	
3. Address P.O. BOX 1896, OKLAHOMA CITY, OK 4. Location of Well 1879 of localing clearly and in accordance with Federal requirements)* 4. Location of Well (Report localing clearly and in accordance with Federal requirements)* At surface 1980 FNL & 710 FWL, SWNW At top prod. interval reported below SAME At local depth SAME 4. Local depth SAME 4. Local depth SAME 4. Local depth SAME 4. Date Spadded 15. Date T.D. Reached 11711/2006 11701	2. Name of	of Operator	CHESA	PEAKE C	PERAT	ring, inc.		ATTN:	LINDA	GOOD						••
4 Location of Well (Report location clearly and in accordance with Federal requirements)* 10 Field and Pool, or Exploratory Pecos Stope; Abo (Eas)	3. Addres			OKLAH	OMA C	ITY, OK					a code)	9				-
At surface 1980 FNL & 710 FWL, SWNW At top prod. interval reported below SAME	4. Locatio			tion clearly	and in a	ccordance with	Federa					10			Exploratory	-
At top prod. interval reported below SAME At total depth SAME At total depth SAME 12	At surf	ace 109	O ENL.	710 FWI	SWN	w										_
Actional depth SAME	At top				-	•••						1	 Sec., 7 Survey 	., R., M., or or Area 1	n Block and 8-10S-26E	
14. Date Spudded	At tota	Identh SA	.ME									ľ		•	ľ	-
18. Total Depth: MD 5750' 19. Plug Back TD: MD 5200' TVD	14. Date S	pudded						ı —	٠ -				7. Elevat	ions (DF, R	KB, RT, GL)*	-
TVD			,	11/					T				• • • • • • • • • • • • • • • • • • • •			~
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) DLL/MLL/GR	18. Total L				19.	Plug Back T.D.:		5200'	ŀ	20. Dept	th Bridg	e Plug Se			5200'	
DLL/MLL/GR ZDL/CNL/SL/GR Was DST run?	2l. Type F			nanical Log	s Run (S	ubmit copy of e				22 Was	well co	red? ✓	No.	Yes (Sub	mit analysis)	_
				·		, wo mile out of	,			Was	DST ru	ın? 🔽	No [Yes (Subr	mit report)	
18	23. Casing	and Liner	Record (Report al	strings	set in well)			1					1.40(0		-
18	Hole Size	Size/Grade	Wt. (#	#/ft.) To	p (MD)	Bottom (MD)		•			Slun (E	ry Vol. 3BL)	Cement	Top*	Amount Pulled	-
77/8 5 1/2 15.5# 0 5750' 975x Class C Surface	18	14		0		40'			3 yd I	RedlMix			Surfac	e		_
24. Tubing Record		ļ														_
Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD)	7 7/8	5 1/2	15.5#	0		5750'	ļ		975sx	Class C			Surfac	e	~~~~~	-
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Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD)	***************************************						+				-					-
2 3/8	24. Tubing	Record		<u> </u>			<u> </u>		L		1,					-
26. Perforation Record Formation Top Bottom Perforated Interval Size No. Holes Perf. Status	Size	Depth S	et (MD)	Packer Dep	th (MD)	Size	Dep	th Set (MD)	Packer I	Depth (MD)	Size	Depth	Set (MD)	Packer Depth (MD)	-
Perforated Interval Size No. Holes Perf. Status		<u> </u>		4370'												-
A)	25. Produc					15.0	26.				<u> </u>	T				_
B) Abo "C"		Formation			ор	Bottom			Interval		Size	No.	Holes			
C) D) 27. Acid, Fracture, Treatment, Cement Squeeze, etc. Depth Interval S245' - 5249' Acid w/2000 gal 15% NeFe + 50 Ball Sealers Acid w/1500 gal 15% NeFe + 50 Ball Sealers. Frac w/18,270 gal Binary fluid, 71,000# 16/40 Brown sd w/60Q 28. Production - Interval A Date First Produced Date Tested Production BBL MCF BBL Corr. API Gravity Gravit		ICII		445	01	AE761									C115176/	Gemen
D) 27. Acid, Fracture, Treatment, Cement Squeeze, etc. Depth Interval 5245' - 5249' Acid w/2000 gal 15% NeFe + 50 Ball Sealers Acid w/1500 gal 15% NeFe + 50 Ball Sealers. Frac w/18,270 gal Binary fluid, 71,000# 16/40 Brown sd w/60Q 28. Production - Interval A Date First Produced Date Tested Production BBL MCF BBL Corr. API Gravity Gravity 1216/2006 01/04/2007 24 Choke Tbg. Press. Csg. 24 Hr Oil Gas Water Gas/Oil Well Status	C) A00	<u> </u>		443	0	4370	442	00 - 45/0				 		Open	, , , , , , , , , , , , , , , , , , ,	-
27. Acid, Fracture, Treatment, Cement Squeeze, etc. Depth Interval							+					 				-
Acid w/2000 gal 15% NeFe + 50 Ball Sealers		racture, Trea	tment, Cei	nent Squee	ze, etc.									L		-
Acid w/1500 gal 15% NeFe + 50 Ball Scalers. Frac w/18,270 gal Binary fluid, 71,000# 16/40 Brown sd w/60Q	D	epth Interval						A								_
28. Production - Interval A Date First Test Hours Tested Production BBL MCF BBL Corr. API Gravity Flowing Flowing Flowing Gravity Gravity Flowing Gravity Gravity Flowing Gravity Gravity Flowing Gravity Gravity												<u>၂/ C</u>	emin	0		**
Date First Test Hours Test Production Date Tested Production Date Tested Production Date Production Date Production Date Date Production Date Date Production Date Date Production Date	4458' , 4	576'		Acie	w/1500	gal 15% NeFe	+ 50	Ball Sealers	. Frac	w/18,270	gal Bir	ary flui	1, 71,000	# 16/40 Br	own sd w/60Q	_
Date First Test Hours Test Production Date Tested Production Date Tested Production Date Production Date Production Date Date Production Date Date Production Date Date Production Date																~
12/16/2006 01/04/2007 24 0 0 675 0 Flowing Choke Tbg. Press. Csg. 24 Hr. Oil Gas Water Gas/Oil Well Status	28. Produc	ction - Interv	al A													-
12/16/2006 01/04/2007 24 0 0 675 0 Flowing Choke Tbg. Press. Csg. 24 Hr. Oil Gas Water Gas/Oil Well Status			lours Tested	Test Production	Oil BBI	Gas V	Vater	Oil Gray	vity		, [Production	Method			-
	- 1			->		1 1		Con. A		"""		Flowing				
	Choke			24 Hr.	Oil		Vater			Well Sta	ntus					-
Size Flwg. Press. Rate BBL MCF BBL Ratio 25/64 Sl 275 0 675 0 Producing	1		Press.	Rate		1		Ratio				Producin	K			
25/64 SI 275 0 675 0 Froducting 28a, Production - Interval B			ed R			0/3										-
Date First Test Hours Test Oil Gas Water Oil Gravity Gas Production Method	Date First	Test	fours	l'est		Gas TV	ater	Oil Grav	rity	Gas		Production	Method		 	-
Produced Date Tested Production BBL MCF BBL Corr. API Gravity	Produced	Date	Tested	Production		MCF B	BL	Corr. Al	PJ (Gravity						
Choke Tbg. Press. Csg. Press. Size Flwg. Press. Rate BBL MCF BBL Ratio Well Status	1	Flwg.	Csg. Press.	24 Hr	Oil BBL		Vater BL			Well Stat	tus					■ €

tion Inte		Tr	0.1	10	I was	010	T C==	I partial a Act of	
Test Date	Hours Tested	Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
Ibg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status		
Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status		
sition of C	Gas (Sold, i	used for fuel,	vented, etc	i.j					
	rous Zones	(Include Age	ifers):				31 Format	ion (Loo) Markers	
all import	tant zones	of porosity a	nd conten	ts thereof: time tool o	Cored interventions pen, flowing	als and all drill-stem and shut-in pressures			
ition	Тор	Bottom		Desc	riptions, Cont	ents, etc.		Name	Top Meas. Depth
onal remai	0 856' 2032' 2232' 3445' 3607' 4205' 5037' 5451' 5631'	856' 2032' 2232' 3445' 3607' 4205' 5037' 5451' 5631' 'T'D	1176 200' 1213 162' 598' 832' 414' 180' 119'	dolomite sand, salt dolomite sand dolomite sand dolomite sand & sh shale & li limestone	& shale , anhydrite, & anhydrite ale nestone	salt, sand & shale	PI mari Glorieta Upper (Tubb Drinkan Abo Wolfcan Penn	ter 12: 1 20: Clearfork 22: 34: rd 360 42: np 50:	58' 332' 45' 97' 95' 37'
etrical/Me dry Notice	chanical L e for plugg	ogs (1 full se ing and ceme	t req'd.) nt verifica	tion C	eologic Repo fore Analysis	ort DST Report Other:	l from all avail		
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