Oklahoma Corporation Commission Oil & Gas Conservation Division Post Office Box 52000 Oklahoma City, Oklahoma 73152-2000

Rule 165: 10-3-25

OTC Prod. Unit No.: 045-211529 Drilling Finished Date: July 19, 2013

1st Prod Date: September 09, 2013

Completion Date: August 29, 2013

Drill Type: HORIZONTAL HOLE

Min Gas Allowable: Yes

Well Name: MARILYN 10-20-25 1H Purchaser/Measurer: CHESAPEAKE OPERATING

INC

First Sales Date: 09/11/2013

Location:

ELLIS 10 20N 25W S2 S2 SE SW

245 FSL 1980 FWL of 1/4 SEC

Derrick Elevation: 2412 Ground Elevation: 2393

Operator: CHESAPEAKE OPERATING INC 17441

PO BOX 18496

6100 N WESTERN AVE

OKLAHOMA CITY, OK 73154-0496

Completion Type			
Х	Single Zone		
	Multiple Zone		
	Commingled		

Location Exception		
Order No		
610269		
616678		

Increased Density	
Order No	
610266	

Casing and Cement							
Туре	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
SURFACE	13 3/8	48	H-40	785		860	SURFACE
INTERMEDIATE	9 5/8	36	K-55	1500		530	SURFACE
PRODUCTION	7	26	HCP-110	7613		320	4620

				Liner				
Туре	Size	Weight	Grade	Length	PSI	SAX	Top Depth	Bottom Depth
LINER	4 1/2	13.5	P-110	5311	0	470	7412	12723

Total Depth: 12723

Packer			
Depth	Brand & Type		
8116	R		

Plug			
Depth	Plug Type		
12642	PBTD		

October 25, 2013 1 of 2

	Initial Test Data									
Test Date	Formation	Oil BBL/Day	Oil-Gravity (API)	Gas MCF/Day	Gas-Oil Ratio Cu FT/BBL	Water BBL/Day	Pumpin or Flowing	Initial Shut- In Pressure	Choke Size	Flow Tubing Pressure
Oct 02, 2013	CLEVELAND	142	44.25	825	5810	77	ARTIFICIA			177

Completion and Test Data by Producing Formation

Formation Name: CLEVELAND

Code: 405CLVD

Class: OIL

Spacing Orders				
Order No	Unit Size			
612994	640			
569662	640			
<u> </u>				

Perforated Intervals				
From	То			
8490 12622				

Acid Volumes
5,000 GALLONS ACID

Fracture Treatments
41,531 FRAC FLUID, 2,033,940 POUNDS PROPPANT

Formation	Тор
CLEVELAND	8229

Were open hole logs run? No Date last log run:

Were unusual drilling circumstances encountered? No Explanation:

11		narks
ITHE	Ren	narks

IRREGULAR SECTION.

Lateral Holes

Sec: 10 TWP: 20N RGE: 25W County: ELLIS

NE NW NE NW

302 FNL 1970 FWL of 1/4 SEC

Depth of Deviation: 7802 Radius of Turn: 375 Direction: 357 Total Length: 4494

Measured Total Depth: 12723 True Vertical Depth: 8177 End Pt. Location From Release, Unit or Property Line: 302

FOR COMMISSION USE ONLY

1121480

Status: Accepted

October 25, 2013 2 of 2

API, NO. 045-2336 6	PLEASE TYPE OR USE BLAC						SSION	624	ing / _ \	7 2 2 2 2 2009
NO. 045-23366 DTC PROD. JNIT NO. 045-211529	Attach copy of original 1002A i	f recompleti	ias s	SUBM		EDE	331014	001	09 20	113
X ORIGINAL AMENDED Reason Amended					OMPLETION	I DEPORT	(OKLAHOMA COM	A CORPO	RATION
YPE OF DRILLING OPERATION	DN			SPUD DATE	JWIF LL HON	7/1/2013		001	MINIOSIOI	V
STRAIGHT HOLE SERVICE WELL	DIRECTIONAL HOLE X	HORIZO	NTAL HOLE	DRLG FINISHED				640	Acres	
f directional or horizontal, see r	everse for bottom hole location.			DATE	•	7/19/2013				
COUNTY ELLI	S SEC 10 TW	^{/P} 20N	RGE 25W	DATE OF WELL COMPLETION	1	8/29/2013				
EASE MAR	ILYN 10-20-25	WELL	1H	1ST PROD DATE		9/9/2013				
HL IVIAIN	FSL	NO FWL OF	111			9/9/2013				
LEVATION	1/4 SW 1/4 245 ound 2393	1/4 SEC Known)	1980	RECOMP DATE Longitude			w			E
PERATOR CHECA	ound 2393 PEAKE OPERATING	INIC	ОТ	(if Known) C/OCC OPERATOR	NO	17441				
		INC.		C/OCC OPERATOR	i NO.	17441				
DDRESS P.O. BC	X 18496									
OKLAH	OMA CITY	-	STATE C)K ZIP	73	3154		•		
OMPLETION TYPE			04000 0 05450	T. (F	-4 b44 b			LOCA	TE WELL	
X SINGLE ZONE				IT (Form 1002C mus		<u> </u>	·			
MULTIPLE ZONE			TYPE	SIZE	WEIGHT	GRADE	FEET	PSI	SAX	ТОР
Application Date COMMINGLED			CONDUCTOR			 		-		
Application Date			SURFACE	13 3/8	48#	H-40	785		860	SURFACE
OCATION XCEPTION ORDER NO. 61	0269 (INTERIM)		INTERMEDIATE	9 5/8	36#	' K-55	1500		530	SURFACE
ICREASED DENSITY RDER NO.	610266		INTERMEDIATE	7	26#	HCP-110	7613		320	4,620
RDER NO.			LINER	4 1/2	13.5#	P-110		-12723	470	7,516
										12,723
<u> </u>	ND & TYPE R	PLUG		TYPE PBTD	PLUG @		TYPE	тот/	AL DEPTH	12,725
OMPLETION & TEST DATA E	PRODUCING FORMATION	_	50 LVD	TYPE	PLUG @		nype_	– Repe	17	to Frac
COMPLETION & TEST DATA E CORMATION SPACING & SPACING DRDER NUMBER CLASS: Oil, Gas, Dry, Inj.	CLEVELAND 640 612994	_		TYPE	PLUG @			– Repe	17	o Frac
COMPLETION & TEST DATA E CORMATION SPACING & SPACING DEPARTMENT OF THE SPACING	CLEVELAND 640	_		TYPE	PLUG @			– Repe	0+1	to Frac
ORMATION PACING & SPACING PACING & SPACING RILASS: Oil, Gas, Dry, Inj. Disp, Comm Disp, Svc ERFORATED	CLEVELAND 640 612994	_		TYPE	PLUG @			– Repe	s (+ 1	to Frac
COMPLETION & TEST DATA E CORMATION PACING & SPACING PROBER NUMBER PLASS: Oil, Gas, Dry, Inj. Disp, Comm Disp, Svc PERFORATED NTERVALS	CLEVELAND 640 612994 OIL 8490-12622 ACID 5,000 GAL	_		TYPE	PLUG @			– Repe	s+ 1	to Frac
ORMATION PACING & SPACING PACING & SPACING RILASS: Oil, Gas, Dry, Inj. Disp, Comm Disp, Svc ERFORATED NTERVALS CID/VOLUME	CLEVELAND 640 612994 OIL 8490-12622 ACID 5,000 GAL FRAC FLUID	_		TYPE	PLUG @			Repe	s+ 1	to Frac
OMPLETION & TEST DATA E ORMATION PACING & SPACING RDER NUMBER LASS: Oil, Gas, Dry, Inj. Disp, Comm Disp, Svc ERFORATED ITERVALS CID/VOLUME RACTURE TREATMEMT	CLEVELAND 640 612994 OIL 8490-12622 ACID 5,000 GAL FRAC FLUID 41,531 PROPPANT	_		TYPE	PLUG @			Repe	s (+ 1	Frac
ORMATION & TEST DATA E ORMATION PACING & SPACING PROBER NUMBER LASS: Oil, Gas, Dry, Inj. Disp, Comm Disp, Svc ERFORATED NTERVALS CID/VOLUME RACTURE TREATMEMT	CLEVELAND 640 612994 OIL 8490-12622 ACID 5,000 GAL FRAC FLUID 41,531 PROPPANT 2,033,940 LBS	240°	ECLVD			Mo	ntur			
OMPLETION & TEST DATA E DRMATION PACING & SPACING RDER NUMBER LASS: Oil, Gas, Dry, Inj. Disp, Comm Disp, Svc ERFORATED ITERVALS CID/VOLUME RACTURE TREATMEMT	CLEVELAND 640 612994 OIL 8490-12622 ACID 5,000 GAL FRAC FLUID 41,531 PROPPANT 2,033,940 LBS Minimum Gas Alle	240°			Gas	Mo,	ntur		peake O	perating, Inc.
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OMPLETION & TEST DATA E ORMATION PACING & SPACING RDER NUMBER LASS: Oil, Gas, Dry, Inj. Disp, Comm Disp, Svc ERFORATED ITERVALS CID/VOLUME RACTURE TREATMEMT Ruids/Prop Amounts) IITIAL TEST DATA IITIAL TEST DATE IL-BBL/DAY IL-GRAVITY (API) AS-MCF/DAY	CLEVELAND 640 612994 OIL 8490-12622 ACID 5,000 GAL FRAC FLUID 41,531 PROPPANT 2,033,940 LBS Minimum Gas Alle X OR Oil Allowable 10/2/2013 142 44.25	240°	(165:10-17-7		Gas	Mo,	ntur		peake O	perating, Inc.
OMPLETION & TEST DATA E ORMATION PACING & SPACING RDER NUMBER LASS: Oil, Gas, Dry, Inj. Disp, Comm Disp, Svc ERFORATED ITERVALS CIDIVOLUME RACTURE TREATMEMT Fluids/Prop Amounts) IITIAL TEST DATA IITIAL TEST DATE IL-BBL/DAY IL-GRAVITY (API) AS-MCF/DAY AS-OIL RATIO CU FT/BBL	ACID 5,000 GAL FRAC FLUID 41,531 PROPPANT 2,033,940 LBS Minimum Gas Alle X OR Oil Allowable 10/2/2013 142 44.25 825	240°	(165:10-17-7		Gas	Mo,	ntur		peake O	perating, Inc.
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COMPLETION & TEST DATA E COMPLETION & TEST DATA E CORMATION SPACING & SPACING DRDER NUMBER CLASS: Oil, Gas, Dry, Inj. Disp, Comm Disp, Svc PERFORATED INTERVALS AND COMPLETED INTERVALS INTIAL TEST DATA INTIAL TEST DATA INTIAL TEST DATE DIL-BBL/DAY DIL-GRAVITY (API) SAS-MCF/DAY PUMPING OR FLOWING INTIAL-SHUT-IN PRESSURE CHOKE SIZE CHOW TUBING PRESSURE A record of the formations drille report, which was prepared by the complete of the the complet	ACID 5,000 GAL FRAC FLUID 41,531 PROPPANT 2,033,940 LBS Minimum Gas Alle X OR Oil Allowable 10/2/2013 142 44.25 825 5,809 77 ARTIFICIAL LIFT 177 d through, and pertinent remarks ne or under my supervision and	pwable sare present	(165:10-17-7) (165:10-13-3) ted on the reverse. It the data and facts	declare that I have stated herein to be t	Gas 1st Sa	Purchaser/Meas	nurer	Chesa	peake Op 9/11/2	perating, Inc. 013
COMPLETION & TEST DATA E COMPLETION & TEST DATA E COMPLETION & SPACING C	ACID 5,000 GAL FRAC FLUID 41,531 PROPPANT 2,033,940 LBS Minimum Gas Alle X OR Oil Allowable 10/2/2013 142 44.25 825 5,809 77 ARTIFICIAL LIFT 177 d through, and pertinent remarks ne or under my supervision and	pwable sare present	(165:10-17-7) (165:10-13-3) ted on the reverse. It is the data and facts TED CAMPB	declare that I have stated herein to be tell.—DISTRIC	Gas 1st Sa Cnowledge of true, correct, a T MANAC	Purchaser/Meas	nurer nis report and a he best of my k	Chesa	peake Op 9/11/2	on to make this
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PLEASE TYPE OR USE BLACK INK ONLY FORMATION RECORD

Give formation names and tops, if available, or descriptions and thickness of formations LEASE NAME MARILYN 10-20-25

WELL NO. 1H

	tested.						
NAMES OF FORMATIONS	ТОР				EOD COMMISS	SION USE ONLY	,
ICLEVELAND	8,229	a 			FOR COMMINION	SION USE ONLI	
	0,220	<u> </u>	ITD on file	YES	□ NO		
					DDDOVED		
			APPROVE	D DISA	APPROVED 2) Reject (?odes	
Į.					<i>2)</i> Neject C	J0463	
		1					
			- 1				
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		1					
	ľ		Were open	hole logs run?	yes _X_no		
		i	Date Last I	og was run	N/A		
			Was CO.	encountered?	yes X no	at what depths?	,
			1100 002	CHOOSING COS.		at mat copany	
			Was H₂S €	encountered?	yes X no	at what depths?	
			More upue	uol drilling circus	mstances encountered?		ves V no
			If yes, brief		mstances encountereur		_yes _X_no
			ii yes, bilei	ny explain.			
Other remarks:							
other romane.							
				_			
				<u>_</u>			
640 Acres	BOTTOM HOLE LOC	ATION FO	R DIRECTIONAL	HOLE			
	SEC TWP		RGE	COUNTY			
	Spot Location 1/4	1/4	1/4	1/4	Feet From 1/4 Sec Lines	FSL	FWL
	Measured Total Depth	1/4_ 1	True Vertical De		BHL From Lease, Unit, or F	Property Line:	
	BOTTOM HOLE LOC	ATION FO	R HORIZONTAL	HOLE: // ATER	ΔΙ \$)		
	LATERAL #1	AHONTO	K HORIZON IAL	HOLL. (LATER	ALO		
	ISEC TWP	0011	RGE 25W	AALINITA/			
	10 Spot Location	_20N	251/1	COUNTY	-		
			2300	COUNTY	E	ELLIS	
		NIM			Feet From 1/4 Sec Lines	FNL 302	FWL 1970
	NE 1/4	NW 1/4	NE 1/4		Feet From 1/4 Sec Lines	FNL 302	
	NE 1/4 Depth of Deviation 78	02	NE 1/4 Radius of Turn	NW 1/4 375	Feet From 1/4 Sec Lines Direction 357	FNL 302 Total Length	FWL 1970 4494
	NE 1/4	02	NE 1/4	NW 1/4 375	Feet From 1/4 Sec Lines	FNL 302 Total Length	
If more than three drainholes are proposed, attach a	NE 1/4 Depth of Deviation 78 Measured Total Depth	02	NE 1/4 Radius of Turn True Vertical De	NW 1/4 375	Feet From 1/4 Sec Lines Direction 357	FNL 302 Total Length Property Line:	
If more than three drainholes are proposed, attach a separate sheet indicating the necessary information.	NE 1/4 Depth of Deviation 78	02	NE 1/4 Radius of Turn True Vertical De	NW 1/4 375	Feet From 1/4 Sec Lines Direction 357	FNL 302 Total Length	
separate sheet indicating the necessary information. Direction must be stated in degrees azimuth.	NE 1/4 Depth of Deviation 78 Measured Total Depth 12,723 LATERAL #2	02	NE 1/4 Radius of Turn True Vertical De 8,1	NW 1/4 375 pth	Feet From 1/4 Sec Lines Direction 357	FNL 302 Total Length Property Line:	
separate sheet indicating the necessary information. Direction must be stated in degrees azimuth. Please note, the horizontal drainhole and its end	NE 1/4 Depth of Deviation 78 Measured Total Depth	02	NE 1/4 Radius of Turn True Vertical De 8,1	NW 1/4 375	Feet From 1/4 Sec Lines Direction 357	FNL 302 Total Length Property Line:	
separate sheet indicating the necessary information. Direction must be stated in degrees azimuth. Please note, the horizontal drainhole and its end point must be located within the boundaries of the	NE 1/4 Depth of 78 Deviation 78 Measured Total Depth 12,723 LATERAL #2 SEC TWP	02	NE 1/4 Radius of Turn True Vertical De 8,1	NW 1/4 375 pth	Feet From 1/4 Sec Lines Direction 357 BHL From Lease, Unit, or F	FNL 302 Total Length Property Line: 302	4494
separate sheet indicating the necessary information. Direction must be stated in degrees azimuth. Please note, the horizontal drainhole and its end point must be located within the boundaries of the lease or spacing unit.	NE 1/4 Depth of Deviation 78 Measured Total Depth 12,723 LATERAL #2 SEC TWP Spot Location 1/4	02	NE 1/4 Radius of Turn True Vertical De 8,1	NW 1/4 375 pth	Feet From 1/4 Sec Lines Direction 357	FNL 302 Total Length rroperty Line: 302 FSL	
separate sheet indicating the necessary information. Direction must be stated in degrees azimuth. Please note, the horizontal drainhole and its end point must be located within the boundaries of the lease or spacing unit. Directional surveys are required for all	NE 1/4 Depth of 78 Deviation 78 Measured Total Depth 12,723 LATERAL #2 SEC TWP Spot Location 1/4 Depth of	02	NE 1/4 Radius of Turn True Vertical De 8,1	NW 1/4 375 pth 177	Feet From 1/4 Sec Lines Direction 357 BHL From Lease, Unit, or F	FNL 302 Total Length Property Line: 302	4494
separate sheet indicating the necessary information. Direction must be stated in degrees azimuth. Please note, the horizontal drainhole and its end point must be located within the boundaries of the lease or spacing unit. Directional surveys are required for all drainholes and directional wells.	NE 1/4 Depth of 78 Deviation 78 Measured Total Depth 12,723 LATERAL #2 SEC TWP Spot Location 1/4 Depth of Deviation	1/4	NE 1/4 Radius of Turn True Vertical De 8,1 RGE	NW 1/4 375 pth 177 COUNTY	Feet From 1/4 Sec Lines Direction 357 BHL From Lease, Unit, or F Feet From 1/4 Sec Lines Direction	FNL 302 Total Length Property Line: 302 FSL Total Length	4494
separate sheet indicating the necessary information. Direction must be stated in degrees azimuth. Please note, the horizontal drainhole and its end point must be located within the boundaries of the lease or spacing unit. Directional surveys are required for all	NE 1/4 Depth of 78 Deviation 78 Measured Total Depth 12,723 LATERAL #2 SEC TWP Spot Location 1/4 Depth of	1/4	NE 1/4 Radius of Turn True Vertical De 8,1 RGE	NW 1/4 375 pth 177 COUNTY	Feet From 1/4 Sec Lines Direction 357 BHL From Lease, Unit, or F	FNL 302 Total Length Property Line: 302 FSL Total Length	4494
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TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA
6709 NORTH CLASSEN BLVD., OKLA. CITY, OKLA. 73116 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219
Certificate of Authorization No. 1293. **ELLIS** _ County, Oklahoma o <u>20N</u> Range <u>25W</u> I.M. 245'FSL-1980'FWL 10___ Township Section ___ 2652 N 36.231149243° W 99.863623929° X= 1450382 N 36.231125199 W 99.845647176 X= 1455683 PERF. Y= 453425 BOTTOM 12624" BOTTOM HOLE (12723' MD) 302'FNL--1970'FWL 36'13'49.1" N 99'51'25.0" W 36.230311412' N 99.856943679° W X= 1452346 Y= 453083 (As-Drilled) (As-Drilled) (As-Drilled) N 36.223848966° W 99.845660388° Ŧ Ħ 10 10-20-25 10-20-25 TRUE VERTICAL DEPTH: 8177 W 99.863625754 Y= 450772 Витег QGR4AS TOP PERF (8490' MD) 771'FSL-2008'FWL 36.218696747' N PENETRATION POINT (8229' MD) 523'FSL-2010'FWL 99.856819765° W 쯢. X= 1452301 36.218014995° N 99.856813993° W TOP PI 8420' Y= 448855 X= 1452298 PERF. 448607 GRID 10P P 8400' OK NORTH US Feet 245 FSL-1980 FWL Scale: ◉ 1"= 1000' -*2650*'-2647 N 36.216581608 N 36.216577401 W 99.854646961 N 36.21657282/ W 99.845673930 C & E Blackburn 15–20–25 1H (As–Drilled) W 99.863626800 1455574 1452928 Y= 448019 448071 Operator: CHESAPEAKE OPERATING, INC. **ELEVATION:** Lease Name: MARILYN 10-20-25 2393' Gr. at Stake Well No.: _ Topography & Vegetation Loc. fell in terraced pasture. Reference Stakes or Alternate Location Good Drill Site? ___ Yes None Stakes Set _ From county road South of location. Best Accessibility to Location ___ Distance & Direction From Jct. of U.S. Hwy. 283 North and U.S. Hwy. 60, go ±5.5 mi. North on U.S. Hwy. 283, from Hwy Jct or Town then ±1.0 mi. East to the SW Corner of Section 10, T20N-R25W. 206806 Date of Drawing: Aug. 28, 2013 information was with a GPS receiver ±1.0° accuracy. DATUM: NAD-27 LAT: 36 13'02.1"N Invoice # 199277 Date Staked: Apr. 16, 2013 LONG: 99'51'24.9"W LAT: <u>36.217251504° N</u> LONG: 99.856914540 W FINAL AS-DRILLED PLAT STATE PLANE COORDINATES: (US Feet) ZONE: OK NORTH AS-DRILLED INFORMATION X: 1452263 FURNISHED BY CHESAPEAKE OPERATING 448329 GS1A

CD #201301814