#### Oklahoma Corporation Commission Oil & Gas Conservation Division Post Office Box 52000 Oklahoma City, Oklahoma 73152-2000 Rule 165: 10-3-25

**Completion Report** 

API No.: 35003232280001

OTC Prod. Unit No.: 003-218254

#### Amended

Amend Reason: SHOW COMPLETION

Drill Type: HORIZONTAL HOLE

Well Name: BARBARA ANN 28-27-12 2H

- Location: ALFALFA 28 27N 12W SW SE SW SE 245 FSL 1835 FEL of 1/4 SEC Derrick Elevation: 1318 Ground Elevation: 1296
- Operator: CHESAPEAKE OPERATING LLC 17441 PO BOX 18496 6100 N WESTERN AVE OKLAHOMA CITY, OK 73154-0496

Spud Date: August 01, 2015 Drilling Finished Date: August 11, 2015 1st Prod Date: December 20, 2016 Completion Date: December 08, 2016

Min Gas Allowable: Yes

Purchaser/Measurer: CHESAPEAKE OPERATING LLC First Sales Date: 12/20/2016

	Completion Type Location Exception			Increased Density	
Х	Single Zone	11	Order No	1	Order No
	Multiple Zone	11	639985		639902
	Commingled	1.		-	

Casing and Cement													
T	уре		Size	Weight	Grade	Fe	et	PSI	SAX	Top of CMT			
SURFACE		9	9 5/8 36		J-55	12	1238		431	SURFACE			
PRODUCTION			7	26	P-110EC	58	98		240	3830			
Liner													
Туре	Size	Weight		Grade	Length	PSI	SAX	Тор	Depth	Bottom Depth			
LINER	4 1/2	11.6	P	P-110EC	4926	0	485	Ę	5674	10600			

## Total Depth: 10600

Pac	ker	Plug				
Depth	Brand & Type	Depth	Plug Type			
5604	AS-3	There are no Plug records to display.				

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		
Jan 07, 2017	MISSISSIPPIAN	84		1835	21845	2426	ARTIFICIA			186		

	Co	ompletio	n and Test Da	ta by Producing Fo	ormation
Formation Na	ame: MISSISSIPPIAN		Code	: 359MSSP	Class: GAS
Spacing	Orders			Perforated Ir	ntervals
Order No	Unit Size		F	rom	То
604606	640		5	704	10481
Acid Vo	blumes			Fracture Trea	atments
6,930 GALLON	NS HCL ACID		43,833 B	ARRELS FRAC FLU PROPPA	JID, 217,925 POUNDS
Formation		Тор		Were open hole lo	ogs run? No
MISSISSIPPIAN			5589	Date last log run:	
				Were unusual dril	lling circumstances encount
				Explanation:	

## Other Remarks

OCC - THIS DOCUMENT IS ACCEPTED BASED ON THE DATA SUBMITTED THE FINAL LOCATION EXCEPTION HAS NOT BEEN ISSUED.

Lateral Holes

Sec: 28 TWP: 27N RGE: 12W County: ALFALFA

NW NE NE NE

176 FNL 659 FEL of 1/4 SEC

Depth of Deviation: 5119 Radius of Turn: 404 Direction: 359 Total Length: 5011

Measured Total Depth: 10600 True Vertical Depth: 5523 End Pt. Location From Release, Unit or Property Line: 176

# FOR COMMISSION USE ONLY

Status: Accepted

1135713

API	PLEASE TYPE OR USE BLACK INK										_ Form 1002
NO. 35-00323228		ONET	O	KLAHOMA	CORPORA		NISSION	อาติ	200	NVAD	Rev. 2009
OTC PROD.	Attach copy of original 1002A if recom	pletion or reentry.				ation Division	J	KU BA			
UNIT NO. 003-218254						oma 73152-20	<b>پ</b> 000	J	AN 1 9	CVI 2017	
AMENDED Reason Amended Sho	w Completion			co	Rule 165:1				лма сс	RPORA	
TYPE OF DRILLING OPERATIO		· · · · · · · · · · · · · · · · · · ·	SPUD	DATE	8/1/	2015	וי	(	COMMIS	SSION	
STRAIGHT HOLE		RIZONTAL HOLE	DRLG	FINISHED		/2015			640	Acres	
If directional or horizontal, see re-			DATE	OF WELL							
COUNTY ALFAL	FA SEC 28 TWP 27	N RGE 12W		LETION	12/8	/2016					
	RA ANN 28-27-12 NO	2H	1ST PI	ROD DATE	12/20	0/2016					
SW 1/4 SE 1/4 SW		4 005	RECO	MP DATE			w				E
ELEVATION Derrick FI 1,318 Gro	Latitude (if Known		Longitu								
OPERATOR CHESA			(if Kno		NO	17444	┥ ┝-				
	PEAKE OPERATING, L.L.	0.		OPERATOR	NU.	17441	┥┝				
F.O. BO	X 18496		014			454	┥┝				
CITY OKLAHO		STATE	0K	ZIP	/3	154					
		CASING & CEME	NT (For	n 1002C mus	t be attached	d)	*		LUCAT		• 
X SINGLE ZONE		TYPE		SIZE	WEIGHT	GRADE	F	ET	PSI	SAX	TOP
MULTIPLE ZONE Application Date		CONDUCTOR									
COMMINGLED Application Date		SURFACE		9 5/8"	36#	J-55	1,2	38		431	SURFACE
LOCATION EXCEPTION ORDER NO. 63	9985 (INTERIM)	INTERMEDIAT	E								
INCREASED DENSITY	639902	PRODUCTION		7"	26#	P-110EC	5,8	08		240	3,830
ORDER NO.		LINER		4 1/2"	11.6#	P-110EC				485	5,674
PACKER @ 5,604 BRAN				7 112	11.0#		0,014-	10,000		L DEPTH	10,600
COMPLETION & TEST DATA B	PRODUCING FORMATION	149 P	- [								. /
	Mississippian									Rep.	rac Focu
SPACING & SPACING ORDER NUMBER	640 604606									tof	rac Focu
CLASS: Oil, Gas, Dry, Inj. Disp, Comm Disp, Svc	Gas	·									
PERFORATED											
INTERVALS	5704 - 10,481										
ACID/VOLUME	HCL Acid										
	6930 Gals Frac Fluid										
FRACTURE TREATMEMT	43,833 Bbls										
(Fluids/Prop Amounts)	Proppant 217,925 Lbs										
	Minimum Gas Allowable	(165:10-17-	7)		Gas	Purchaser/Mea	asurer		Chesape	eake Ope	rating, L.L.C.
	X OR				1st Sa	ales Date		_		12/20/20	016
	Oil Allowable	(165:10-13-3)		<u> </u>	1						
	1/7/2017										
OIL-GRAVITY ( API) GAS-MCF/DAY	1,835			/////		//////	1117				
GAS-MCF/DAY GAS-OIL RATIO CU FT/BBL	21,845	/									
WATER-BBL/DAY	2426	—— <b>Я</b> Л (		CIII		TTE	nľ				
PUMPING OR FLOWING	Artificial Lift	——⁄] A	J	JUI	D 171	TTE	IJĽ				
INITIAL SHUT-IN PRESSURE		/	7777				ml			·	
CHOKE SIZE		/////				//////	////				
FLOW TUBING PRESSURE	186										
A record of the formations drilled	through, and pertinent remarks are pres	ented on the reverse. T	declare f	hat I have key	wiedge of the	e contents of th	nis report a	nd am authr	nized by my	organization	to make this
report, which was prepared being	e or under my supervision and direction,	with the data and facts	stated he	erein to be true	e, correct, and	d complete to t	he best of	ny knowled	ge and belie	f.	C mane una
SIGNATURE	uit []	Sara Eve	rett, R	Regulatory	/ Analyst		1/	18/2017 DATE	•		848-8000 NE NUMBER
P.O. BOX 18496	OKLAHOMA CI			7315			sar		rett@c	chk.co	
ADDRESS		STA		ZIP			EN	AIL ADDR	ESS		<del>-</del>

#### PLEASE TYPE OR USE BLACK INK ONLY FORMATION RECORD

Give formation names and tops, if available, or descriptions and thickness of formations LEASE NAME BARBARA ANN 28-27-12

WELL NO. 2H

AMES OF FORMATIONS	ТОР	FOR COMMISSION USE ONLY
IISSISSIPPIAN	5,589	ITD on file YES NO APPROVED DISAPPROVED 2) Reject Codes
		Were open hole logs run?       yes $\chi$ no         Date Last log was run       N/A         Was CO <sub>2</sub> encountered?       yes $\chi$ no
		Was H <sub>2</sub> S encountered?       yes _ X no at what depths?         Were unusual drilling circumstances encountered?       yes _ X no         If yes, briefly explain.

# 640 Acres

If more than three drainholes are proposed, attach a 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. 640 Acres

	-	 10103		
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# BOTTOM HOLE LOCATION FOR DIRECTIONAL HOLE SEC TWP RGE COUNTY

BOTTOM HOLE LOCATION FOR HORIZONTAL HOLE: (LATERALS)

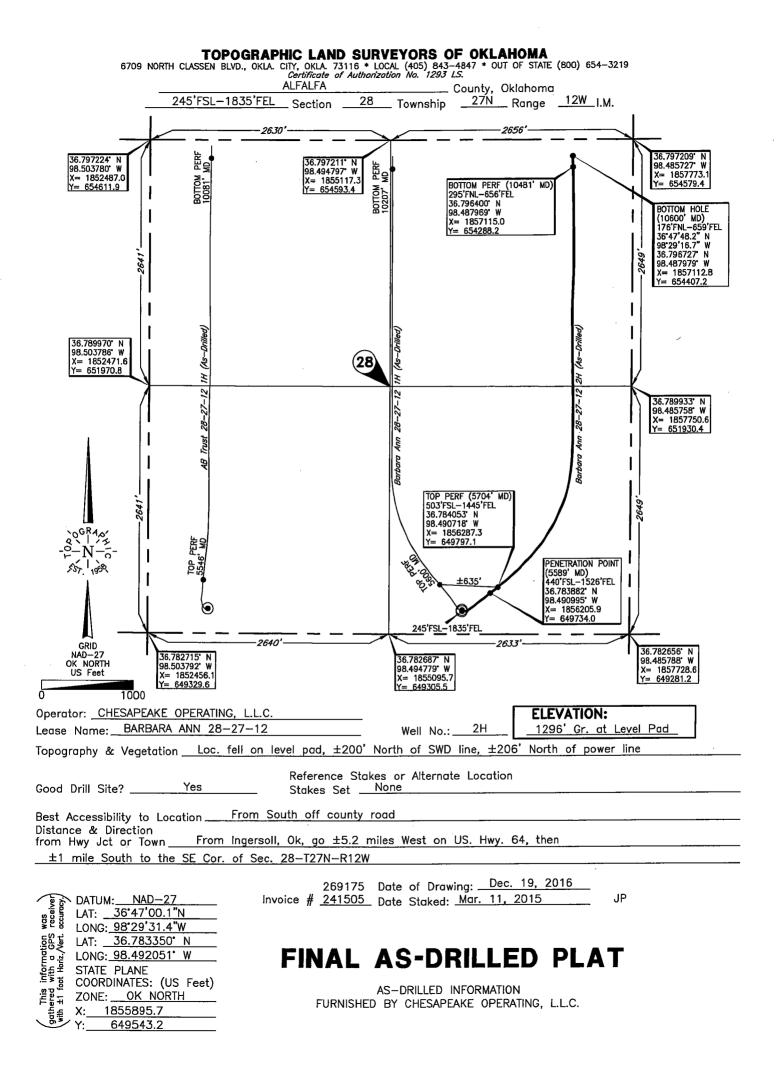
020		NOL	COONT			
Spot Location 1/4	1/4	1/4	1/4	Feet From 1/4 Sec Lines	FSL	FWL
Measured Total E	Depth	True Vertical De	pth	BHL From Lease, Unit, or F	Property Line:	

LATERAL #1									
SEC 28	TWP 27N	RGE 12W	DUNTY		AI	FALF	Ā		
Spot Location NW 1/4	NE 1/4	NE 1/4	NE 1/4	Feet From 1/4	4 Sec Lines	FNL.	176	FEL	659
Depth of Deviation	5,119	Radius of Turn	404	Direction	359	Total I	ength		5,011
Measured Total	Depth	True Vertical Depth		BHL From Lea	ise, Unit, or F	roperty	Line:		
10	,600	5,523	3			17	6		_

# LATERAL #2

SEC	TWP		RGE	COUNTY			
Spot Location 1/4		1/4	1/4	1/4	Feet From 1/4 Sec Lines	FSL	FWL.
Depth of Deviation			Radius of Turn		Direction	Total Length	
Measured Total	Depth		True Vertical De	epth	BHL From Lease, Unit, or F	Property Line:	

LATERAL #3							
SEC	TWP	RGE	COUNTY				
Spot Location 1/4	1/4	4 1/4	1/4	Feet From 1/4 Sec Lines	FSL	FWL	
Depth of Deviation		Radius of Turn		Direction	Total Lengt	th	
Measured Total	Depth	True Vertical De	∍pth	BHL From Lease, Unit, or F	Property Line	):	



	ACK INK ON	LY	K	2/20/11	S COPPORA		MISSION		57770	Form 1002A
	A if recompletion	on or reentry.		Oil &	Gas Conserv	ation Division	R			NU 1164. 2009
A: 210	)355	チーシ	5		na City, Oklaho	oma 73152-20				1016E
/ Completion		L.		cc	MPLETION	REPORT	OKLA	HOMA C	ORPORA	TION
		NTAL HOLE	SP	UD DATE	8/1/	2015		COMM	ISSION Acres	
					8/11	/2015				
		RGE 12	DA	TE OF WELL	12/8	/2016				
	WELL	12	- 00							
A ANN 28-27-12	NO FEL OF	2H	13	I PROD DATE	12/20	)/2016				
Latitude		1,835	) Lor	ngitude			w			E
					NO	17441				
	G, L.L.U.		010/0	CC OPERATOR	NO.	1/441				
18496										
MA CITY		STATE	OK	ZIP	73	154				
		CASING & C	EMENT (F	Form 1002C mus	st be attached	i)		LOCA		· · · · · · · · · · · · · · · · · · ·
				SIZE	WEIGHT	GRADE	FEET	PSI	SAX	TOP
		CONDUCT	OR							
		SURFACE		9 5/8"	36#	J-55	1,238		431	SURFACE
985 (INTERIM)		INTERMED	IATE							
639902		PRODUCTI	ON	7"	26#	P-110EC	5,898		240	3,830
		LINER		4 1/2"	11.6#	P-110EC	5,674-10,6	00	485	5,674
& TYPE AS-3	PLU	G @	TYI	PE	PLUG @		TYPE	тот	AL DEPTH	10,600
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		SP	)							
~	21110								D	at a
Mississippian 640									Repa	ertea
604606									TO P	ractocus
Gas										
5704 - 10 481										
0104 - 10,401										
HCL Acid										
6930 Gals										
43,833 Bbls										
Proppant 217,925 Lbs										
	Allowable	(165:10	)-17-7)		Gas	Purchaser/Me	asurer	Chesa	peake Ope	rating, L.L.C.
X OR					1st Sa	ales Date		1	12/20/2	016
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	)	-								
04										
1.835				///////		//////	1110			
21,845										
2426			NC	CIII	RMI					
Artificial Lift	XM	71		JUI						
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(1)	-		<u>////</u>	///////////////////////////////////////	//////	//////				
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186						contonte of t	his report and am	authorized by n	ny organization	to make this
rough, and pertinent remark	s are presente	ed on the revers	e. I decla	re that I have kn	owledge of the		he best of real	uladas ar - L-	iof	
	s are presente I direction, with	the data and fa	acts stated	d herein to be tru	e, correct, and	complete to t	he best of my kno		ief.	
rough, and pertinent remark or under my supervision and	direction, with	the data and fa	acts stated E <b>verett</b>	d herein to be tru , <b>Regulator</b> (PRINT OR TYPI	e, correct, and y Analyst =)	complete to t	the best of my kno 1/18/20 DA	017 TE	ief. 405- PHO	848-8000 NE NUMBER
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	AUTE: Attach copy of original 1002/ A 2 2 20 V Completion DIRECTIONAL HOLE rse for bottom hole location A SEC 28 1 A ANN 28-27-12 I/4 SE 1/4 SE 1/4 A ANN 28-27-12 I/4 SE 1/4 FSL Latitude EAKE OPERATING A ANN 28-27-12 FSL Latitude EAKE OPERATING A ANN 28-27-12 FSL 243 Cataland A ANN 28-27-12 FSL 243 Cataland A ANN 28-27-12 FSL 243 Cataland A ANN 28-27-12 FSL Cataland A ANN 28-27-12 FSL A ANN 28-27-12 FSL Cataland A ANN 28-2	AUTE: Attach copy of original 1002A if recompletic Attach copy of original 1002A if recompletic A 2 LO 3 5 5 V Completion DIRECTIONAL HOLE A HORIZO ISSE 28 TWP 27N A ANN 28-27-12 NO IA ANN 28-27-12 NO IA SE 1/4 245 1/4 SEC IA ANN 28-27-12 NO EAKE OPERATING, L.L.C. A 1,296 BAKE OPERATING, L.L.C. A 18496 MA CITY PRODUCING FORMATION 359775 Mississippian 640 604606 Gas 5704 - 10,481 HCL Acid 6930 Gals Frac Fluid 43,833 Bbls Proppant 217,925 Lbs Minimum Gas Allowable X 0R 0il Allowable 1,77/2017 84 1,835 21,845 2426 Artificial Lift	Attach copy of onginal 1002A if recompletion or reentry. A 2 10 3 55 F	NOTE:         NITECTIONAL HOLE         A 2 LO 3 55 ¢ -35         V Completion         DIRECTIONAL HOLE         INPECTIONAL HOLE         INPECTIONAL HOLE         A SEC 28 TWP 27N RGE 12W CA         A ANN 28-27-12         NUP 245 1/4 SEC 1,835         IA SEC 28 TWP 27N RGE 12W CA         A ANN 28-27-12         NEL (FELOF         A ANN 28-27-12         NEWELL         A SEC 28 TWP 27N RGE 12W CA         A ANN 28-27-12         NEWELL         Colspan="2">A Casing & Cement (F         CONDUCTOR         SURFACE         INTERMEDIATE         PRODUCTION         LINER         Mississippian         G40         Gas	OKLAHOMA         KITE:         KITE:         A SEC 28 TWP 27N RGE 12W         ON PORTIONAL HOLE         SPUD DATE         DATE         DRECTIONAL HOLE         Y Completion         Completion         Completion         A SEC 28 TWP 27N RGE 12W         AND DATE         DATE OF WELL         COMPLETION         A ANN 28-27-12         VELC         A Completion         A ANN 28-27-12         VELC         A ANN 28-27-12         VEL Colspan= 2         A Colspan= 2         A Colspan= 2          TYPE </td <td>ORLAHOMA CORPORA Dis Gas Conserv</td> <td>ORLAHOM CORPORATION COMULATION COMULATION COMPACTOR COMPACTOR COMULATION COMPACTOR C</td> <td>OKLAHOMA CORPORATION COMMISSION</td> <td>OPE         OPE         OPE<td>Correlation         Optimized accessory         Dis 4 and conservation bytes         <thdis 4="" and="" by<="" conservation="" td=""></thdis></td></td>	ORLAHOMA CORPORA Dis Gas Conserv	ORLAHOM CORPORATION COMULATION COMULATION COMPACTOR COMPACTOR COMULATION COMPACTOR C	OKLAHOMA CORPORATION COMMISSION	OPE         OPE <td>Correlation         Optimized accessory         Dis 4 and conservation bytes         <thdis 4="" and="" by<="" conservation="" td=""></thdis></td>	Correlation         Optimized accessory         Dis 4 and conservation bytes         Dis 4 and conservation bytes <thdis 4="" and="" by<="" conservation="" td=""></thdis>

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