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

Rule 165: 10-3-25

API No.: 35151243550001 **Completion Report** Spud Date: March 03, 2015

OTC Prod. Unit No.: 151-218224 Drilling Finished Date: March 18, 2015

1st Prod Date: December 16, 2016

Amended Completion Date: November 12, 2016

**Drill Type: HORIZONTAL HOLE** Min Gas Allowable: Yes

Well Name: IRENE B 2-28-17 2H Purchaser/Measurer: CHESAPEAKE OPERATING

WOODS 2 28N 17W First Sales Date: 12/16/2016 Location: W2 NW NW NE

330 FNL 2550 FEL of 1/4 SEC

Derrick Elevation: 1853 Ground Elevation: 1831

Operator: CHESAPEAKE OPERATING LLC 17441

PO BOX 18496

Amend Reason: SHOW COMPLETION

6100 N WESTERN AVE

**OKLAHOMA CITY, OK 73154-0496** 

	Completion Type	Location Exception
Х	Single Zone	Order No
	Multiple Zone	632551
	Commingled	

Increased Density
Order No
632549

Casing and Cement									
Type Size Weight Grade Feet PSI SAX									
SURFACE	13 3/8	48	J-55	495		300	SURFACE		
INTERMEDIATE	9 5/8	36	J-55	1217		295	SURFACE		
PRODUCTION	7	26	P-110EC	5775		217	4115		

	Liner										
Type Size Weight Grade			Length	PSI	SAX	Top Depth	Bottom Depth				
LINER	4 1/2	11.6	P-110EC	4944	0	570	5521	10465			

Total Depth: 10465

Packer						
Depth	Brand & Type					
5447	AS-3					

Plug							
Depth Plug Type							
There are no Plug records to display.							

**Initial Test Data** 

February 13, 2017 1 of 2

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 08, 2017	MISSISSIPPI	303		431	1422	966	ARTIFICIA			162

#### **Completion and Test Data by Producing Formation**

Formation Name: MISSISSIPPI

Code: 351MISS

Class: OIL

Spacing Orders						
Order No	Unit Size					
128274	640					

Perforated Intervals						
From	То					
5648	10321					

Acid Volumes
9,000 GALLONS HCL ACID

Fracture Treatments
43,299 BARRELS FRAC FLUID

Formation	Тор
MISSISSIPPI	5616

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

Were unusual drilling circumstances encountered? No Explanation:

#### Other Remarks

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

#### **Lateral Holes**

Sec: 2 TWP: 28N RGE: 17W County: WOODS

SE SW SE SE

176 FSL 921 FEL of 1/4 SEC

Depth of Deviation: 5081 Radius of Turn: 435 Direction: 171 Total Length: 4849

Measured Total Depth: 10465 True Vertical Depth: 5516 End Pt. Location From Release, Unit or Property Line: 176

## FOR COMMISSION USE ONLY

1135711

Status: Accepted

February 13, 2017 2 of 2

	1PLEASE TYPE OR USE BLACK	INCOM V						](2)			
NO. 35-151-24355	окі			TION COMM	ISSION				Pey 2009		
OTC PROD. UNIT NO. 151-218224	Attach copy of original 1002A if re-	completion or reentry.			Gas Conserv	ation Division		JAN 1 7 2017			
ORIGINAL	1		Oklahoma City, Oklahoma 73152-2000 Rule 165:10-3-25 OKLAHOMA CORPORATION COMMISSION								RATION
X AMENDED  Reason Amended Sho	ow Completion		COMPLETION REPORT						OOWI	WHOOIOI	1
TYPE OF DRILLING OPERATION STRAIGHT HOLE		HORIZONTAL HOLE	SPUD D	ATE	3/3/:	2015			640	Acres	
SERVICE WELL		HORIZONTAL HOLE	DRLG FI	NISHED	3/18/	/2015			0407	-cres	
If directional or horizontal, see re	<del></del>	0011 005 47144	DATE OF	F WELL				+-+			
LEASE		28N RGE 17W	COMPLE	ETION		2/2016					
NAME IRE	NE B 2-28-17	NO 2H	1ST PRO	DD DATE	12/16	3/2016					-
	/ 1/4 NE 1/4 330	1/4 SEC 2,550	RECOM	PDATE			w				E
ELEVATION Derrick Fl 1,853 Gro	ound 1,831 Latitude (if Kr	iown)	Longitude								
OPERATOR CHECA	PEAKE OPERATING, L	I.C. O	(if Known	PERATOR	NO 1	17441					
1000000						17-7-1				-	
1.0, 60	X 18496										
CITY OKLAH	OMA CITY	STATE	OK	ZIP	73	154					
COMPLETION TYPE		CASING & CEME	NT (Form	1002C mus	t be attached	)			LOCAT	E WELL	
X SINGLE ZONE		TYPE	1, 5,,,,	SIZE	WEIGHT	GRADE	FEE	т	PSI	SAX	ТОР
MULTIPLE ZONE Application Date		CONDUCTOR		OIZL.	WEIGHT	CIVIDE		•		O/UX	1 101
COMMINGLED		SURFACE		13 3/8"	48#	J-55	495			300	SURFACE
Application Date LOCATION 63	32551 (INTERIM)	INTERMEDIATI		9 5/8"	36#	J-55	1,21	_		295	SURFACE
EXCEPTION ORDER NO. INCREASED DENSITY	632549	PRODUCTION	-						-		
ORDER NO.	032349			7"	26#	P-110EC	5,77			217	4,115
		LINER		4 1/2"	11.6#	P-110EC	5,521-10	J,465		570	5,521 10,465
COMPLETION & TEST DATA E	PRODUCING FORMATION	PLUG@ 5/M155								I	4 .
FORMATION	Mississippi									Reso	rted to
SPACING & SPACING ORDER NUMBER	640 128274									For	Forus
CLASS: Oil, Gas, Dry, Inj. Disp, Comm Disp, Svc	Oil										
Disp, Comming Disp, CVC	0"										
PERFORATED											
INTERVALS	5648 - 10,321										
	LICI Acid										
ACID/VOLUME	HCL Acid 9000 Gals										
FRACTURE TREATMEMT	Frac Fluid 43,299 Bbls										
(Fluids/Prop Amounts)	10,200 0010					,,					
	M:				01				Chanan	aaka Oaa.	
	Minimum Gas Allows	able (165:10-17-	7)			Purchaser/Mea	surer	_	Chesape	eake Oper	
INITIAL TEST DATA	Minimum Gas Allowa  X OR Oil Allowable	(165:10-13-3)	7)			Purchaser/Mea ales Date	surer	-	Chesape	eake Oper 12/16/20	
	X OR	`	7)				surer		Chesape		
INITIAL TEST DATE	X OR Oil Allowable	`	7)				surer		Chesape		
INITIAL TEST DATE OIL-BBL/DAY OIL-GRAVITY ( API)	X OR Oil Allowable 1/8/2017 303	(165:10-13-3)			1st Sa	ales Date			Chesape		
INITIAL TEST DATE OIL-BBL/DAY OIL-GRAVITY ( API) GAS-MCF/DAY	X OR Oil Allowable 1/8/2017 303 431	(165:10-13-3)			1st Sa	ales Date		- -	Chesapo		
OIL-BBL/DAY OIL-GRAVITY ( API) GAS-MCF/DAY GAS-OIL RATIO CU FT/BBL	X OR Oil Allowable 1/8/2017 303 431 1,422	(165:10-13-3)			1st Sa	ales Date		- - - - - - - - - - -	Chesapo		
INITIAL TEST DATE OIL-BBL/DAY OIL-GRAVITY ( API) GAS-MCF/DAY GAS-OIL RATIO CU FT/BBL WATER-BBL/DAY	X OR Oil Allowable  1/8/2017  303  431  1,422  966	(165:10-13-3)			1st Sa	ales Date			Chesape		
INITIAL TEST DATE  OIL-BBL/DAY  OIL-GRAVITY ( API)  GAS-MCF/DAY  GAS-OIL RATIO CU FT/BBL  WATER-BBL/DAY  PUMPING OR FLOWING	X OR Oil Allowable 1/8/2017 303 431 1,422	(165:10-13-3)			1st Sa	ales Date			Chesape		
INITIAL TEST DATE OIL-BBL/DAY OIL-GRAVITY ( API) GAS-MCF/DAY GAS-OIL RATIO CU FT/BBL WATER-BBL/DAY PUMPING OR FLOWING INITIAL SHUT-IN PRESSURE	X OR Oil Allowable  1/8/2017  303  431  1,422  966	(165:10-13-3)			1st Sa	ales Date			Chesape		
INITIAL TEST DATA INITIAL TEST DATE OIL-BBL/DAY OIL-GRAVITY ( API) GAS-MCF/DAY GAS-OIL RATIO CU FT/BBL WATER-BBL/DAY PUMPING OR FLOWING INITIAL SHUT-IN PRESSURE CHOKE SIZE FLOW TUBING PRESSURE	X OR Oil Allowable  1/8/2017  303  431  1,422  966	(165:10-13-3)			1st Sa	ales Date			Chesape		
INITIAL TEST DATE OIL-BBL/DAY OIL-GRAVITY ( API) GAS-MCF/DAY GAS-OIL RATIO CU FT/BBL WATER-BBL/DAY PUMPING OR FLOWING INITIAL SHUT-IN PRESSURE CHOKE SIZE FLOW TUBING PRESSURE	X OR Oil Allowable 1/8/2017 303 431 1,422 966 Artificial Lift	(165:10-13-3)	15 (////	SU	BM	ales Date	:D			12/16/20	016
NITIAL TEST DATE  DIL-BBL/DAY  DIL-GRAVITY ( API)  GAS-MCF/DAY  GAS-OIL RATIO CU FT/BBL  WATER-BBL/DAY  PUMPING OR FLOWING  NITIAL SHUT-IN PRESSURE  CHOKE SIZE  FLOW TUBING PRESSURE  A record of the formations drilled	X OR Oil Allowable  1/8/2017  303  431  1,422  966  Artificial Lift	presented on the reverse. Tition, with the data and facts Sara Eve	declare tha stated here trett, Re	SU	B M	ales Date	is report and the best of my	am autho	rized by my	12/16/20 organization f. 405-8	016

# PLEASE TYPE OR USE BLACK INK ONLY FORMATION RECORD

TOTAL CHOICE			
Give formation names and tops, if available, or descriptions and thickness of formations drilled through. Show intervals cored or drillstem tested.	LEASE NAME	IRENE B 2-28-17	

Give formation names and tops, if available, or of drilled through. Show intervals cored or drillsten	descriptions and thickness of formations n tested.	LEASE NAME IRENE B 2-28-17	WELL NO. <u>2H</u>
NAMES OF FORMATIONS	ТОР	FO	R COMMISSION USE ONLY
MISSISSIPPI	5,616	ITD on file YES NO APPROVED DISAPPROVED	2) Reject Codes
			***
		,	
			X no
		Date Last log was run N/A	
		Was CO <sub>2</sub> encountered? yes	χ no at what depths?
		Was H <sub>2</sub> S encountered?yes	χ no at what depths?
		Were unusual drilling circumstances encour If yes, briefly explain.	ntered?yes _X_ no
her remarks:	·	·	
	<u> </u>		
	· · · · · · · · · · · · · · · · · · ·	·····	
-			
640 Acres	BOTTOM HOLE LOCATION FOR D	IDECTIONAL HOLE	
040 Acres	SEC TWP RG		
	Spot Location 1/4 1/4	1/4 1/4 Feet From 1/4	Sec Lines FSL FWL
			se, Unit, or Property Line:
	BOTTOM HOLE LOCATION FOR H	ORIZONTAL HOLE: (LATERALS)	
	SEC TWP RG	E 1704 COUNTY	WOODS
	Spot Location	17W Foot From 1/4	Sec Lines FSL 176 FEL 921
	SE 1/4 SW 1/4 Depth of Ra	SE 1/4 SE 1/4 Feet From 1/4 dius of Turn Direction	Total Length
	Deviation 5,081	435	171 4,849 se, Unit, or Property Line:
ore than three drainholes are proposed, attach a arrate sheet indicating the necessary information.	10,465	5,516	176
ection must be stated in degrees azimuth.	LATERAL #2	0,010	
ase note, the horizontal drainhole and its end nt must be located within the boundaries of the	SEC TWP RG	E COUNTY	
se or spacing unit.	Spot Location	Feet From 1/4	Sec Lines FSL FWL
rectional surveys are required for all		1/4 1/4 Direction	Total Length
ainholes and directional wells. 640 Acres	Deviation		se, Unit, or Property Line:
		Dite 17011 Edde	

	640 A	\cres		

	RGE	COUNTY			
1/4	1/4	1/4	Feet From 1/4 Sec Lines	FSL	FWL
	Radius of Turn		Direction	Total Length	
Measured Total Depth True Vertical Depth		BHL From Lease, Unit, or Property Line:			
	1/4 Depth	Radius of Turn	Radius of Turn	Radius of Turn Direction	Radius of Turn Direction Total Length

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 Leng	th
Measured Total Depth		True Vertical Depth		BHL From Lease, Unit, or Property Line:		e:

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. WOODS \_ County, Oklahoma 28N\_\_ Range 17<u>W</u> ј.м. 330'FNL-2550'FEL Section Township \_ Range 420 2232 -*2214'*-729H-R17W T28N-R17W 36,942905 36.942916" N 99.004335" W X= 1706470.4 Y= 708792.2 36.942915° N 36.942906 36.942917' N 99.005834' W X= 1706032.3 98.995322° W (•) 98.996760 W X= 1708684.2 98 987685" W X = 1709104.3Y= 708761.0 Y= 708766.0 Y= 708741.9 Y= 708797.4 ±527 LOT 2 ES LOT 4 LOT 1 LOT 3 5605. E.S. TOP PERF (5648' MD) 597'FNL-2176'FEL 36.941265' N 98.995141' W 70p | 5647 X= 1709151.1 Y= 708163.5 PENETRATION POINT (5616' MD) 578'FNL-2199'FEL 36.941316' N 98.995219' W S/2-NE/4 1709128.4 Y= 708182.5 (As-Drilled) (As-Drilled) S/2-NW/4 36.935601° N 99.005914° W X= 1705981. Ħ Ŧ 2 171 2-28-17 36.935602° N 98.987740° W 2-28-Y≈ 706079.7 В BOTTOM HOLE (10465' MD) 176'FSL-921'FEL 36'55'43.8" N 98'59'27.4" W 00 R40/ BOTTOM PERF 9646' MD BOTTOM PERF (10321' MD) -N-5318'FSL-947'FÈL 36.929219' N 1999 36.928829\* 98.991026° W 98.990941° W ₽ X= 1710308.9 X= 1710332.5 Y= 703623.4 BOTTOM 9849' M Y= 703765.4 ±1836 // GRID NAD-27 2660 2660 OK NORTH US Feet 36.928342° N  $\parallel$ 98.987793° W X= 1711250.6 36.928357° N 36.928350° N 98.996893 W X= 1708590.7 99.005994° W Y= 703436.7 X= 1705930.5 Y= 703496.9 <u>10</u>00 Y= 703466.8 Operator: CHESAPEAKE OPERATING, LLC **ELEVATION:** Lease Name: IRENE B 2-28-17 1831' Gr. at Level Pad Well No.:\_ Topography & Vegetation Loc. fell on level pad, ±186' SE of NE-SW pipeline Reference Stakes or Alternate Location Stakes Set None Yes Good Drill Site? \_\_\_\_ From North off lease road Best Accessibility to Location\_ Distance & Direction From US. Hwy. 64 E-W & St. Hwy. 14 South, West of Alva, Ok, go from Hwy Jct or Town ±6 miles West on US. Hwy. 64, then ±10' miles North to the NE Cor. of Sec. 2-T28N-R17W JΡ

was receiver accuracy. This information with a GPS riphered with a GPS riphered heriz./Vert. at

DATUM:\_ NAD-27 LAT: 36'56'31.2" N LONG: 98'59'47.1" W LAT: <u>36.942000° N</u> LONG: 98.996417° W STATE PLANE COORDINATES: (US Feet) ZONE: OK NORTH X: 1708781.0

708434.8

268603 Date of Drawing: Nov. 30, 2016 Invoice # 229137A Date Staked: Aug. 21, 2014

## FINAL AS-DRILLED PLAT

AS-DRILLED INFORMATION FURNISHED BY CHESAPEAKE OPERATING, L.L.C.