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

Rule 165: 10-3-25

API No.: 35003231850001 **Completion Report** Spud Date: April 23, 2015

OTC Prod. Unit No.: 003-218711 Drilling Finished Date: May 07, 2015

1st Prod Date: August 31, 2016

**Amended** Completion Date: August 12, 2016

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

Well Name: ARLENE 26-26-11 1H Purchaser/Measurer: CHESAPEAKE OPERATING

Location: ALFALFA 26 26N 11W First Sales Date: 08/31/2016

NW NE NW NE

225 FNL 1940 FEL of 1/4 SEC

Derrick Elevation: 1202 Ground Elevation: 1180

Operator: CHESAPEAKE OPERATING LLC 17441

PO BOX 18496

**Completion Type** 

Single Zone Multiple Zone Commingled

Amend Reason: SHOW COMPLETION

6100 N WESTERN AVE

**OKLAHOMA CITY, OK 73154-0496** 

Location Exception	
Order No	
656513	

Increased Density
Order No
637899

Casing and Cement										
Туре	Size	Weight	Grade	Top of CMT						
SURFACE	13 3/8	48	J-55	620		675	SURFACE			
INTERMEDIATE	9 5/8	36	J-55	1217		345	SURFACE			
PRODUCTION	7	26	P-110EC	5700		305	2562			

				Liner				
Туре	Size	Weight	Grade	Length	PSI	SAX	Top Depth	Bottom Depth
LINER	4 1/2	11.6	P-110	5138	0	515	5347	10485

Total Depth: 10485

Packer					
Depth	Brand & Type				
5282	AS-3				

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

October 14, 2016 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
Sep 15, 2016	MISSISSIPPIAN	92		1777	19315	1987	ARTIFICIA			221

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

Formation Name: MISSISSIPPIAN

Code: 359MSSP

Class: GAS

Spacing	) Orders
Order No	Unit Size
618842	640

Perforated Intervals					
From	То				
5715	10346				

Acid Volumes
9,000 GALLONS HCL ACID

Fracture Treatments

45,811 BARRELS FRAC FLUID, 437,600 POUNDS PROPPANT

Formation	Тор
MISSISSIPPIAN	5551

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

Were unusual drilling circumstances encountered? No Explanation:

## Other Remarks

There are no Other Remarks.

### **Lateral Holes**

Sec: 26 TWP: 26N RGE: 11W County: ALFALFA

SW SW SE SE

181 FSL 1102 FEL of 1/4 SEC

Depth of Deviation: 5262 Radius of Turn: 386 Direction: 176 Total Length: 4934

Measured Total Depth: 10485 True Vertical Depth: 5648 End Pt. Location From Release, Unit or Property Line: 181

# FOR COMMISSION USE ONLY

1134555

Status: Accepted

October 14, 2016 2 of 2

API		INIK ONLY					5 5	1500 500	100		
NO. 35-003-23185			OKLAHOMA	CORPORA	TION COM	IISSION	000				
OTC PROD. 003 218711	Attach copy of original 1002A if n	ecompletion or reentry.		ation Division	(	SEP 2 7 2016					
UNIT NO. 003-218711	1	_		ox 52000 oma 73152-20	000						
ORIGINAL X AMENDED	how Compl	etion	02	0-3-25		OKLAHOMA CORPORATION					
Reason Amended Rec	Show Compl Hassify as Producing W	<del>/ell-</del>	со	MPLETION	REPORT	(	JKLAHOM CO	A CORP MMISSIC	OKATION N		
TYPE OF DRILLING OPERATION	N		SPUD DATE 4/23/2015						) N		
SERVICE WELL		HORIZONTAL HOLE	DRLG FINISHED			/	640	Acres			
If directional or horizontal, see rev			DATE DATE OF WELL		2015	`					
COUNTY ALFAL LEASE	FA SEC 26 TWP	2014	COMPLETION	8/12	/2016						
NAME ARL	ENE 26-26-11	WELL 1H	1ST PROD DATE	8/31	/2016			1			
SHL	FNL	FELOF	RECOMP DATE	,							
NW 1/4 NE 1/4 NW ELEVATION	1/4 NE 1/4 225  Latitude (if K	1/4 SEC 1,940	Longitude			W		<u> </u>	E		
ODERATOR	ound 1,180		(if Known)								
NAME CHESAF	PEAKE OPERATING, I	L.C. 01	C/OCC OPERATOR	۷O. <b>'</b>	17441						
ADDRESS P.O. BO	X 18496										
CITY OKLAHO	OMA CITY	STATE (	OK ZIP	73	154						
		01/112	211	7.5	104		1004	TE MELL			
COMPLETION TYPE		CASING & CEMEN	IT (Form 1002C mus	be attached	1)		LUCA	TE WELL			
X SINGLE ZONE		TYPE	SIZE	WEIGHT	GRADE	FEET	PSI	SAX	ТОР		
MULTIPLE ZONE Application Date	-	CONDUCTOR					1 1		1		
COMMINGLED	תב כור ור	SURFACE	13 3/8"	48#	J-55	620		675	SURFACE		
בסטורווטוע ביס	5651370,	INTERMEDIATE	<del></del>		<del> </del>						
EXCEPTION ORDER NO.  INCREASED DENSITY	627900		3 3/0	36#	J-55	1,217		345	SURFACE		
ORDER NO.	637899	PRODUCTION	7"	26#	P-110EC	5,700		305	2,562		
		LINER	4 1/2"	11.6#	P-110	5,347-10,4	85	515	5,348		
PACKER @ <u>5,282</u> BRAN	D&TYPE AS-3	PLUG @	TYPE	PLUG @		TYPE	тот	L DEPTH	10,485		
	D & TYPE	PLUG @	TYPE	PLUG @		TYPE		/			
COMPLETION & 1EST DATA B	PRODUCING FORMATION	MSSP									
FORMATION	•							12	L /		
SPACING & SPACING	Mississippian 640	<u> </u>	<u> </u>					Kep	reted Tac Form		
						<b>I</b>					
ORDER NUMBER	618842							tof	rac tech		
DRDER NUMBER CLASS: Oil, Gas, Dry, Inj.								to F	rac heen		
DRDER NUMBER CLASS: Oil, Gas, Dry, Inj.	618842		//////	/////		///////	/////:-	to F	rac teen		
ORDER NUMBER CLASS: Oil, Gas, Dry, Inj. Disp, Comm Disp, Svc	618842		///////			///////		to F	rac teen		
DRDER NUMBER CLASS: Oil, Gas, Dry, Inj. Disp, Comm Disp, Svc PERFORATED	618842		//////////////////////////////////////	(////	/////	ITTE		to P	rac toen		
ORDER NUMBER CLASS: Oil, Gas, Dry, Inj. Disp, Comm Disp, Svc PERFORATED	618842 GAS		AS	SU	IBM	ITTE	D	to 1	rac keen		
ORDER NUMBER CLASS: Oil, Gas, Dry, Inj. Disp, Comm Disp, Svc  PERFORATED NTERVALS	618842 GAS 5,715-10,346 HCL ACID		AS	SU	BM	IΠE	D	tó f	rac keen		
DRDER NUMBER CLASS: Oil, Gas, Dry, Inj. Disp, Comm Disp, Svc PERFORATED NTERVALS	618842 GAS 5,715-10,346 HCL ACID		AS	SU	BM	ITTE	D	tó F	rac keen		
DRDER NUMBER DLASS: Oil, Gas, Dry, Inj. Disp, Comm Disp, Svc  PERFORATED NTERVALS  ACID/VOLUME  FRACTURE TREATMEMT	618842 GAS 5,715-10,346 HCL ACID 9,000 GALS FRAC FLUID 45,811 BBLS		AS	SU	BM	IΠE	D	+6 F	rac teen		
DRDER NUMBER CLASS: Oil, Gas, Dry, Inj. Disp, Comm Disp, Svc  PERFORATED NTERVALS  ACID/VOLUME  FRACTURE TREATMEMT	618842 GAS  5,715-10,346  HCL ACID 9,000 GALS FRAC FLUID 45.811 BBLS PROPPANT		AS	SU	BM	ITTE	D	+6 F	rac teen		
ORDER NUMBER CLASS: Oll, Gas, Dry, Inj. Disp, Comm Disp, Svc  PERFORATED INTERVALS  ACID/VOLUME  FRACTURE TREATMEMT Fluids/Prop Amounts)	618842 GAS 5,715-10,346 HCL ACID 9,000 GALS FRAC FLUID 45,811 BBLS PROPPANT 437,600 LBS		AS	SU	BM						
DRDER NUMBER CLASS: Oil, Gas, Dry, Inj. Disp, Comm Disp, Svc  PERFORATED NTERVALS  ACID/VOLUME  FRACTURE TREATMEMT	618842 GAS  5,715-10,346  HCL ACID 9,000 GALS FRAC FLUID 45.811 BBLS PROPPANT 437,600 LBS  Minimum Gas Allow	able (165:10-17-7	AS	SU	BM			EAKE OPEI	RATING, L.L.C.		
DRDER NUMBER CLASS: Oil, Gas, Dry, Inj. Disp, Comm Disp, Svc  PERFORATED NTERVALS  ACID/VOLUME  FRACTURE TREATMEMT Fluids/Prop Amounts)	618842 GAS 5,715-10,346 HCL ACID 9,000 GALS FRAC FLUID 45,811 BBLS PROPPANT 437,600 LBS	(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	AS	SU	BM				RATING, L.L.C.		
DRDER NUMBER CLASS: Oil, Gas, Dry, Inj. Disp, Comm Disp, Svc  PERFORATED NTERVALS  ACID/VOLUME  FRACTURE TREATMEMT Fluids/Prop Amounts)	GAS  5,715-10,346  HCL ACID 9,000 GALS FRAC FLUID 45,811 BBLS PROPPANT 437,600 LBS  Minimum Gas Allow	able (165:10-17-7 (165:10-13-3)	AS	SU	BM			EAKE OPEI	RATING, L.L.C.		
ORDER NUMBER CLASS: Oil, Gas, Dry, Inj. Disp, Comm Disp, Svc  PERFORATED INTERVALS  ACID/VOLUME  FRACTURE TREATMEMT	GAS  5,715-10,346  HCL ACID 9,000 GALS FRAC FLUID 45.811 BBLS PROPPANT 437,600 LBS  Minimum Gas Allow X  OR Oil Allowable	(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	AS	SU	BM			EAKE OPEI	RATING, L.L.C.		
DRDER NUMBER CLASS: Oil, Gas, Dry, Inj. Disp, Comm Disp, Svc  PERFORATED NTERVALS  ACID/VOLUME  FRACTURE TREATMEMT Fluids/Prop Amounts)  NITIAL TEST DATA  NITIAL TEST DATE  DIL-BBL/DAY	GAS  5,715-10,346  HCL ACID 9,000 GALS FRAC FLUID 45.811 BBLS PROPPANT 437,600 LBS  Minimum Gas Allow X OR Oil Allowable 9/15/2016	(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	AS	SU	BM			EAKE OPEI	RATING, L.L.C.		
DRDER NUMBER CLASS: Oil, Gas, Dry, Inj. Disp, Comm Disp, Svc  PERFORATED NTERVALS  ACID/VOLUME  FRACTURE TREATMEMT Fluids/Prop Amounts)  NITIAL TEST DATA  NITIAL TEST DATE DIL-BBL/DAY  DIL-GRAVITY ( API)	GAS  5,715-10,346  HCL ACID 9,000 GALS FRAC FLUID 45.811 BBLS PROPPANT 437,600 LBS  Minimum Gas Allow X OR Oil Allowable 9/15/2016	(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	AS	SU	BM			EAKE OPEI	RATING, L.L.C.		
DRDER NUMBER CLASS: Oil, Gas, Dry, Inj. Disp, Comm Disp, Svc  PERFORATED NTERVALS  ACID/VOLUME  FRACTURE TREATMEMT Fluids/Prop Amounts)  NITIAL TEST DATA  NITIAL TEST DATE DIL-BBL/DAY DIL-GRAVITY ( API) GAS-MCF/DAY	618842 GAS  5,715-10,346  HCL ACID 9,000 GALS FRAC FLUID 45.811 BBLS PROPPANT 437,600 LBS  Minimum Gas Allow X OR Oil Allowable 9/15/2016 92	(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	AS	SU	BM			EAKE OPEI	RATING, L.L.C.		
DRDER NUMBER CLASS: Oil, Gas, Dry, Inj. Disp, Comm Disp, Svc  PERFORATED NTERVALS  ACID/VOLUME FRACTURE TREATMEMT Fluids/Prop Amounts)  NITIAL TEST DATA NITIAL TEST DATE DIL-BBL/DAY DIL-GRAVITY ( API) GAS-MCF/DAY GAS-OIL RATIO CU FT/BBL	618842 GAS  5,715-10,346  HCL ACID 9,000 GALS FRAC FLUID 45,811 BBLS PROPPANT 437,600 LBS  Minimum Gas Allow X OR Oil Allowable 9/15/2016 92  1,777	(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	AS	SU	BM			EAKE OPEI	RATING, L.L.C.		
DRDER NUMBER CLASS: Oil, Gas, Dry, Inj. Disp, Comm Disp, Svc  PERFORATED NTERVALS  ACID/VOLUME FRACTURE TREATMEMT Fluids/Prop Amounts)  NITIAL TEST DATA  NITIAL TEST DATE DIL-BBL/DAY DIL-GRAVITY ( API) DAS-MCF/DAY GAS-OIL RATIO CU FT/BBL  NATER-BBL/DAY	618842 GAS  5,715-10,346  HCL ACID 9,000 GALS FRAC FLUID 45,811 BBLS PROPPANT 437,600 LBS  Minimum Gas Allow X OR Oil Allowable 9/15/2016 92  1,777 19,315	(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	AS	SU	BM			EAKE OPEI	RATING, L.L.C.		
DRDER NUMBER CLASS: Oil, Gas, Dry, Inj. Disp, Comm Disp, Svc  PERFORATED NTERVALS  ACID/VOLUME  FRACTURE TREATMEMT Fluids/Prop Amounts)  NITIAL TEST DATA  NITIAL TEST DATE DIL-BBL/DAY DIL-GRAVITY ( API) GAS-MCF/DAY GAS-OIL RATIO CU FT/BBL  VATER-BBL/DAY  PUMPING OR FLOWING	618842 GAS  5,715-10,346  HCL ACID 9,000 GALS FRAC FLUID 45,811 BBLS PROPPANT 437,600 LBS  Minimum Gas Allow X OR Oil Allowable 9/15/2016 92  1,777 19,315 1987	(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	AS	SU	BM			EAKE OPEI	RATING, L.L.C.		
DRDER NUMBER CLASS: Oil, Gas, Dry, Inj. Disp, Comm Disp, Svc  PERFORATED NTERVALS  ACID/VOLUME  FRACTURE TREATMEMT Fluids/Prop Amounts)  NITIAL TEST DATA  NITIAL TEST DATE DIL-BRL/DAY DIL-GRAVITY ( API) SAS-MCF/DAY GAS-OIL RATIO CU FT/BBL VATER-BBL/DAY PUMPING OR FLOWING NITIAL SHUT-IN PRESSURE	618842 GAS  5,715-10,346  HCL ACID 9,000 GALS FRAC FLUID 45,811 BBLS PROPPANT 437,600 LBS  Minimum Gas Allow X OR Oil Allowable 9/15/2016 92  1,777 19,315 1987	(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	AS	SU	BM			EAKE OPEI	RATING, L.L.C.		
DRDER NUMBER CLASS: Oil, Gas, Dry, Inj. Disp, Comm Disp, Svc  PERFORATED NTERVALS  ACID/VOLUME  FRACTURE TREATMEMT Fluids/Prop Amounts)  NITIAL TEST DATA  NITIAL TEST DATE DIL-BBL/DAY DIL-GRAVITY ( API) GAS-MCF/DAY GAS-OIL RATIO CU FT/BBL NATER-BBL/DAY PUMPING OR FLOWING NITIAL SHUT-IN PRESSURE CHOKE SIZE	618842 GAS  5,715-10,346  HCL ACID 9,000 GALS FRAC FLUID 45,811 BBLS PROPPANT 437,600 LBS  Minimum Gas Allow X OR Oil Allowable 9/15/2016 92  1,777 19,315 1987	(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	AS	SU	BM			EAKE OPEI	RATING, L.L.C.		
DRDER NUMBER CLASS: Oil, Gas, Dry, Inj. Disp, Comm Disp, Svc  PERFORATED NTERVALS  ACID/VOLUME  FRACTURE TREATMEMT Fluids/Prop Amounts)  NITIAL TEST DATA  NITIAL TEST DATE DIL-BBL/DAY DIL-GRAVITY ( API) GAS-MCF/DAY PUMPING OR FLOWING NITIAL SHUT-IN PRESSURE CHOKE SIZE  I COW TUBING PRESSURE	618842 GAS  5,715-10,346  HCL ACID 9,000 GALS FRAC FLUID 45,811 BBLS PROPPANT 437,600 LBS  Minimum Gas Allow X OR Oil Allowable 9/15/2016 92  1,777 19,315 1987 Artificial Lift	(165:10-13-3)	AS  AS  Control of the control of th	Gas I 1st Sa	Purchaser/Mea	asurer	CHESAP	EAKE OPEI 8/31/20	RATING, L.L.C.		
DRDER NUMBER CLASS: Oil, Gas, Dry, Inj. Disp, Comm Disp, Svc  DERFORATED NTERVALS  ACID/VOLUME  FRACTURE TREATMEMT Fluids/Prop Amounts)  NITIAL TEST DATA  NITIAL TEST DATE DIL-BBL/DAY DIL-GRAVITY (API) GAS-MCF/DAY GAS-OIL RATIO CU FT/BBL VATER-BBL/DAY  PUMPING OR FLOWING NITIAL SHUT-IN PRESSURE CHOKE SIZE LOW TUBING PRESSURE	618842 GAS  5,715-10,346  HCL ACID 9,000 GALS FRAC FLUID 45,811 BBLS PROPPANT 437,600 LBS  Minimum Gas Allow OR Oil Allowable 9/15/2016 92  1,777 19,315 1987  Artificial Lift	(165:10-13-3)	AS  AS  Control of the control of th	Gas I 1st Sa	Purchaser/Mea	asurer	CHESAP	EAKE OPEI 8/31/20	RATING, L.L.C.		
DRDER NUMBER CLASS: Oil, Gas, Dry, Inj. Disp, Comm Disp, Svc  DERFORATED NTERVALS  ACID/VOLUME  PRACTURE TREATMEMT Fluids/Prop Amounts)  NITIAL TEST DATA  NITIAL TEST DATE DIL-BBL/DAY DIL-GRAVITY ( API) BAS-MCF/DAY PUMPING OR FLOWING NITIAL SHUT-IN PRESSURE CHOKE SIZE CLOW TUBING PRESSURE  Record of the formations drilled to eport, which was prepared by me	618842 GAS  5,715-10,346  HCL ACID 9,000 GALS FRAC FLUID 45,811 BBLS PROPPANT 437,600 LBS  Minimum Gas Allow X OR Oil Allowable 9/15/2016 92  1,777 19,315 1987 Artificial Lift	presented on the reverse. I dation, with the data and facts si	eclare that I have knot alled herein to be true ett, Regulatory	Gas I	Purchaser/Mea	is report and amne best of my kno. 9/26/2	CHESAP  authorized by moveledge and belie 016	PAKE OPEI 8/31/20 organization of. 405-8	RATING, L.L.C. 116  to make this 348-8000		
DRDER NUMBER CLASS: Oil, Gas, Dry, Inj. Disp, Comm Disp, Svc  PERFORATED NTERVALS  ACID/VOLUME  FRACTURE TREATMEMT Fluids/Prop Amounts)  NITIAL TEST DATA  NITIAL TEST DATE DIL-BBL/DAY DIL-GRAVITY (API) GAS-MCF/DAY PUMPING OR FLOWING NITIAL SHUT-IN PRESSURE CHOKE SIZE FLOW TUBING PRESSURE	618842 GAS  5,715-10,346  HCL ACID 9,000 GALS FRAC FLUID 45,811 BBLS PROPPANT 437,600 LBS  Minimum Gas Allow X OR Oil Allowable 9/15/2016 92  1,777 19,315 1987 Artificial Lift	presented on the reverse. I detion, with the data and facts standard Ever NAI	eclare that I have kno lated herein to be true	Gas I	Purchaser/Mea	is report and am the best of my knot 9/26/2	CHESAP  authorized by my	PHOI	RATING, L.L.C.  116  to make this  348-8000 NE NUMBER		

PLEASE TYPE OR USE BLACK INK ONLY FORMATION RECORD Give formation names and tops, if available, or descriptions and thickness of formations LEASE NAME ARLENE 26-26-11 WELL NO. 1H drilled through. Show intervals cored or drillstem tested. NAMES OF FORMATIONS TOP FOR COMMISSION USE ONLY MISSISSIPPIAN 5.551 ITD on file YES Пио APPROVED DISAPPROVED 2) Reject Codes Were open hole logs run? yes X no N/A Date Last log was run Was CO<sub>2</sub> encountered? yes at what depths? X no Was H<sub>2</sub>S encountered? at what depths? Were unusual drilling circumstances encountered? yes X no If yes, briefly explain. Other remarks: 640 Acres **BOTTOM HOLE LOCATION FOR DIRECTIONAL HOLE** SEC RGE Spot Location Feet From 1/4 Sec Lines FSL **FWL** 1/4 1/4 Measured Total Depth True Vertical Depth BHL From Lease, Unit, or Property Line: **BOTTOM HOLE LOCATION FOR HORIZONTAL HOLE: (LATERALS)** LATERAL #1 COUNTY 26 26N 11W **ALFALFA** Spot Location Feet From 1/4 Sec Lines | FSL | 181 FFI 1,102 SW 1/4 SW 1/4 SE 1/4 SE 1/4 Radius of Turn Depth of Direction Total Length 5,262 386 176 4,934 Measured Total Depth True Vertical Depth BHL From Lease, Unit, or Property Line: If more than three drainholes are proposed, attach a 10.485 5,648 separate sheet indicating the necessary information 181 Direction must be stated in degrees azimuth. LATERAL #2 Please note, the horizontal drainhole and its end COUNTY RGE point must be located within the boundaries of the lease or spacing unit. Spot Location Feet From 1/4 Sec Lines | FSL **FWL** Directional surveys are required for all Depth of Radius of Turn Direction Total Length drainholes and directional wells. Deviation 640 Acres Measured Total Depth True Vertical Depth BHL From Lease, Unit, or Property Line: LATERAL #3 TWP RGE COUNTY Spot Location Feet From 1/4 Sec Lines FSL FWL 1/4 Depth of Radius of Turn Direction Total Length Deviation Measured Total Depth True Vertical Depth BHL From Lease, Unit, or Property Line:

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 LS.

ALFALFA \_ County, Oklahoma 225'FNL - 1940'FEL Section \_\_\_ 26 \_\_ Township \_\_26N \_11W\_I.M. \_ Ranae 2612 6.710046 36.710030° N 225'FNL - 1940'FEL 36.710025° N • 98.359778° W X= 1894534.7 98.350867 W X= 1897147.0 98.341959° W X= 1899758.3 Y= 622658.6 Y= 622685.2 Y= 622669.9 PERF MD PENETRATION POIN TOP PERF (5715' MD) 460'FNL-1678'FEL (5551' MD) 353'FNL-1766'FEL 36.708764° N 98.347679° W 36.709059° N 98.347981° W X= 1898079.8 X= 1897991.6 Y= 622205.4 Y= 622313.1 64 (As-Drilled) QGR40/ % N − % Ħ 26 557. 1<sub>19</sub>68. 36 702822 98.359838° W 98.341938° W X= 1899755. X= 1894507.4 Y= 620055.2 ⑻ GRID NAD-27 BOTTOM PERF (10346" N 319 FSL-1112 FEL 36.696418" N X= 1896841.4 Y= 617708.9 OK NORTH US Feet BOTTOM HOLE (10485' MD) 181'FSL-1102'FEL 36'41'45.7" N 98'20'44.4" W Scale: 1"= 1000' 36.696038" N 98.345676° W X= 1898650.4 2636 36.695531° N 98.341915° W X= 1899752.7 36.695598° N 36.695555° N 98.359898° W 98.350909° W X= 1894480. X= 1897115.8 Operator: CHESAPEAKE OPERATING, INC. **ELEVATION:** Lease Name: ARLENE 26-26-11 1180' Gr. at Level Pad Well No.: \_ Topography & Vegetation Loc. fell on level pad, ±180' South of E-W pipeline Reference Stakes or Alternate Location Good Drill Site? \_\_\_ Stakes Set None From North off county road Best Accessibility to Location \_ Distance & Direction From Jct. US Hwy. 8 N-S and St. Hwy. 58 East, South of Cherokee, OK, from Hwy Jct or Town go ±3.0 mi. North on St. Hwy. 8, then ±1.0 mi. East to the NE Cor. of Sec. 26-T26N-R11W DATUM: NAD-27 LAT: 36°42'33.9" N LONG: 98°20'54.9" W 264176 Date of Drawing: Aug. 18, 2016 Invoice # 240160 Date Staked: Feb. 05, 2015 JΡ This information w gathered with a GPS r with ±1 foot Horiz./Vert. ac LAT: 36.709411° N LONG: 98.348575° W FINAL AS-DRILLED PLAT STATE PLANE COORDINATES: (US Feet) AS-DRILLED INFORMATION ZONE: OK NORTH FURNISHED BY CHESAPEAKE OPERATING X: 1897818.0

622442.0

API	PLEASE TYPE OR USE BLACK	INK ONLY	8/31/16			\[c			7 7 mm/1002
NO. 35-003-23185 OTC PROD. UNIT NO. 605-218714	NOTE: Attach copy of original 1002A if re  OO:3 - 217811			CORPORA Gas Conserv Post Office Be		MISSION J.	SEP	9 <del>69</del> - 1 2. <b>7</b> . 21	)161016E
		. п « / I <del>'Y</del> X	C S Oklahor	ma City, Oklahi Rule 165:1	oma 73152-20 0-3-25				
	Show Comple Slassify as Producing W	elt	c	OMPLETION		OK	LAHOMA CON	CORP MISSIC	ORATION N
TYPE OF DRILLING OPERATION STRAIGHT HOLE		HORIZONTAL HOLE	SPUD DATE 4/23/2015				640 A	Acres	
SERVICE WELL  If directional or horizontal, see re	verse for bottom hole location.		DRLG FINISHED DATE	5/7/	2015	1		•	
COUNTY ALFAL		26N RGE 11W	DATE OF WELL COMPLETION	8/12	/2016				
LEASE		WELL	1ST PROD DATE						
SHL		NO 1H		0/31	/2016				
NW 1/4 NE 1/4 NW ELEVATION	/ 1/4 NE 1/4 225 Latitude (if Kr	1/4 SEC 1,940	RECOMP DATE			w			E
Derrick FI 1,202 Gro	ound 1,180		(if Known)						
OPERATOR CHESA	PEAKE OPERATING, L	L.C. 0	TC/OCC OPERATOR	R NO.	17441				
ADDRESS P.O. BO	X 18496	-							
CITY OKLAH	OMA CITY	STATE (	OK ZIP	73	154				
COMPLETION TYPE		CASING & CEME	NT (Form 1002C mu	st be attached	d)		LOCAT	E WELL	
X SINGLE ZONE		TYPE	SIZE	WEIGHT	GRADE	FEET	PSI	SAX	ТОР
MULTIPLE ZONE Application Date		CONDUCTOR							
COMMINGLED Application Date	CLEIZED	SURFACE	13 3/8"	48#	J-55	620		675	SURFACE
LOCATION EXCEPTION ORDER NO.	5651370.	INTERMEDIATI		36#	J-55	1,217		345	SURFACE
INCREASED DENSITY ORDER NO.	637899	PRODUCTION	7"	26#	P-110EC	,		305	2,562
ONDER NO.		LINER	4 1/2"	11.6#		5,347-10,485	5	515	5,348
PACKER@ 5.282 BRAN	ND & TYPE AS-3	PLUG @	TYPE	PLUG @		TYPE		DEPTH	10,485
FORMATION	Mississippian	MSSP)						Rom	ated
SPACING & SPACING ORDER NUMBER	640 618842							Repl to F	Town Form
CLASS: Oll, Gas, Dry, Inj.		_						101	iac run
Disp, Comm Disp, Svc	GAS		111111	///////	7/////		///		
PERFORATED			//////						
INTERVALS	5,715-10,346		<b>AS</b>	SU	JBM	ITTE	][-		
ACID/VOLUME	HCL ACID		7,,,,,,	,,,,,,,			////		
	9,000 GALS FRAC FLUID					///////////////////////////////////////	////		
FRACTURE TREATMEMT (Fluids/Prop Amounts)	45.811 BBLS PROPPANT	·							
	437,600 LBS								
	Minimum Gas Allow	able (165:10-17-	-7)		Purchaser/Me	asurer	CHESAPE		ATING, L.L.C.
INITIAL TEST DATA	X Oil Allowable	(165:10-13-3)		1st S	ales Date		$\leftarrow$	8/31/20	)16
INITIAL TEST DATE	9/15/2016	(122112 10 0)							
OIL-BBL/DAY	92								
OIL-GRAVITY ( API)									
GAS-MCF/DAY	1,777								
GAS-OIL RATIO CU FT/BBL	19,315								
WATER-BBL/DAY PUMPING OR FLOWING	1987 Artificial Lift								
INITIAL SHUT-IN PRESSURE	, wallour Ent	XMT	+			·   ·			· · · · · · · · · · · · · · · · · · ·
CHOKE SIZE			<del>                                     </del>						
<u> </u>	(1)						I		
· · ·	221								
FLOW TUBING PRESSURE A record of the formations drilled		ction, with the data and facts	stated herein to be truerett, Regulator	ie, correct, and y Analyst	d complete to t	the best of my knowle 9/26/201	edge and belief	405-	848-8000
FLOW TUBING PRESSURE A record of the formations drilled report, which was prepared by m	through, and pertinent remarks are e or under my supervision and direct	ction, with the data and facts Sara Eve NA	stated herein to be to rett, Regulator AME (PRINT OR TYP 7315	y Analyst	d complete to t	the best of my knowle	edge and belief  6 	405- PHO	848-8000 NE NUMBER