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

Rule 165: 10-3-25

API No.: 35003232060001 **Completion Report** Spud Date: May 16, 2015

OTC Prod. Unit No.: 003-218216 Drilling Finished Date: June 15, 2015

1st Prod Date: December 14, 2016

Amended Completion Date: November 30, 2016

Amend Reason: SHOW COMPLETION

Drill Type: HORIZONTAL HOLE Min Gas Allowable: Yes

Well Name: KLETKE 18-27-12 2H Purchaser/Measurer: CHESAPEAKE OPERATING

ALFALFA 18 27N 12W First Sales Date: 12/14/2016 Location:

SW SW SW SE

280 FSL 2450 FEL of 1/4 SEC

Derrick Elevation: 1300 Ground Elevation: 1278

Operator: CHESAPEAKE OPERATING LLC 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
660497

Increased Density
Order No
639190

Casing and Cement										
Type Size Weight Grade Feet PSI SAX To										
SURFACE	13 3/8	48	J-55	527		300	SURFACE			
INTERMEDIATE	9 5/8	36	K-55	1215		455	SURFACE			
PRODUCTION	7	26	P-110EC	5714		230	3865			

Liner									
Туре	Grade	Length	PSI	SAX	Top Depth	Bottom Depth			
LINER	4 1/2	11.6	P-110EC	4437	0	440	5473	9910	

Total Depth: 9915

Packer							
Depth	Brand & Type						
5408	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 07, 2017	MISSISSIPPIAN	132		3218	24379	2049	ARTIFICIA			181

Completion and Test Data by Producing Formation

Formation Name: MISSISSIPPIAN

Code: 359MSSP

Class: GAS

Spacing Orders								
Order No	Unit Size							
98259	640							

Perforated Intervals							
From	То						
5589	9770						

Acid Volumes 8,000 GALLONS HCL ACID

Fracture Treatments

38,147 BARRELS FRAC FLUID, 192,260 POUNDS PROPPANT

Formation	Тор
MISSISSIPPIAN	5531

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: 18 TWP: 27N RGE: 12W County: ALFALFA

NW NW NW NE

176 FNL 2372 FEL of 1/4 SEC

Depth of Deviation: 4991 Radius of Turn: 399 Direction: 2 Total Length: 4384

Measured Total Depth: 9915 True Vertical Depth: 5390 End Pt. Location From Release, Unit or Property Line: 176

FOR COMMISSION USE ONLY

1135709

Status: Accepted

February 13, 2017 2 of 2

	(0)										
NO. 35-003-23206	PLEASE TYPE OR USE BLACK INK	ONLY	0	KI AHOMA	CORPORA	TION COMM	IISSION]	PIRCO	A CORPORATE	Form 1002	
OTC PROD.	Attach copy of original 1002A if recom	pletion or reentry.				ation Division	11331014	TO SERVICE OF TRANSPORT			
UNIT NO. 003-218216						oma 73152-20	00	JAN 1 7 2017			
ORIGINAL AMENDED Reason Amended Sho	w Completion		Rule 165:10-3-25 COMPLETION REPORT					OKLAHOMA CORPORATION			
TYPE OF DRILLING OPERATION		27201741 11015	SPUD DATE 5/16/2015					COMMISSION 640 Acres			
SERVICE WELL		RIZONTAL HOLE	DRLG	FINISHED	6/15	/2015		640	Acres		
If directional or horizontal, see rev			DATE	OF WELL							
COUNTY ALFAL	FA SEC 18 TWP 2	7N RGE 12W		PLETION	11/30	0/2016					
NAME KLE	TKE 18-27-12	2H	1ST F	PROD DATE	12/14	1/2016					
SHL SW 1/4 SW 1/4 SW	1/4 SE 1/4 280 1/4	ØF SEC 2,450	RECO	MP DATE			w			E	
ELEVATION 4 200	Latitude (if Know		Longit	tude			VV			 	
OPERATOR	und 1,278		(if Kno								
NAME CHESAF	PEAKE OPERATING, L.L.	C. 0	TC/OCC	OPERATOR	NO.	17441					
ADDRESS P.O. BOX	X 18496										
CITY OKLAHO	OMA CITY	STATE	OK	ZIP	73	154					
				<u> </u>	· ·			LOCAT	E WELL		
COMPLETION TYPE		CASING & CEME	NT (For	m 1002C mus	t be attached	1)	, -				
X SINGLE ZONE		TYPE		SIZE	WEIGHT	GRADE	FEET	PSI	SAX	TOP	
MULTIPLE ZONE Application Date		CONDUCTOR									
COMMINGLED Application Date	660497 F.O.	SURFACE		13 3/8"	48#	J-55	527		300	SURFACE	
	7745 (INTERIM)	INTERMEDIATI	E	9 5/8	36#	K-55	1,215		455	SURFACE	
INCREASED DENSITY	639190	PRODUCTION		7"	26#	P-110EC	-		230		
ORDER NO.		LINER		4 1/2"	11.6#		5,714		440	3,865	
		LIVER		4 1/2	11.0#	P-110EC	5,473-9,910		440	5,473	
PACKER @ 5,408 BRAN BRAN		PLUG @ PLUG @	TYPE TYPE		PLUG @		TYPE	TOTA	L DEPTH	9,915	
COMPLETION & TEST DATA BY			- 11795		PLUG @		TYPE	•			
- COM CENTON & TEOT DATA D		M95P									
FORMATION	Mississippian								Regar	ted to	
SPACING & SPACING ORDER NUMBER	640								Fry	ted to	
CLASS: Oil, Gas, Dry, Inj.	98259	 -							114	10047	
Disp, Comm Disp, Svc	Gas					 					
PERFORATED INTERVALS	5589 - 9770										
ACID/VOLUME	HCL Acid										
7.010/ VOLONIE	8000 Gals Frac Fluid										
FRACTURE TREATMEMT	38,147 Bbls										
(Fluids/Prop Amounts)	Proppant 192,260 Lbs										
	Minimum Gas Allowable	(165:10-17-	7)		Gas I	Purchaser/Mea	ISUITAT	Chesan	eake Oner	ating, L.L.C.	
	X OR	(100.10-17-	• •			ales Date		Опсоир	12/14/20		
INITIAL TEST DATA	Oil Allowable	(165:10-13-3)									
INITIAL TEST DATE	1/7/2017										
OIL-BBL/DAY	132						,,,,,,,,,,,	/			
OIL-GRAVITY (API)								(<u> </u>			
GAS-MCF/DAY	3,218		1	10 1		1881	FFFD	<u> </u>		:	
GAS-OIL RATIO CU FT/BBL	24,379		1	15 :	5111		TED	e			
WATER-BBL/DAY	2049		/L					V			
PUMPING OR FLOWING	Artificial Lift		777					V			
INITIAL SHUT-IN PRESSURE			<u> </u>	<u> </u>	<u>//////</u>	//////		<u> </u>			
CHOKE SIZE	101					·					
FLOW TUBING PRESSURE	181								l		
	hrough, and pertinent remarks are pre- or under my supervision and direction									to make this	
Sola Eve	S. Shoot my Supervision and direction			erein to be true Regulatory		complete to tr	1/12/201			348-8000	
SIGNATURE		N/	ME (PR	RINT OR TYPE)		DATE		PHON	IE NUMBER	
P.O. BOX 18496 ADDRESS	OKLAHOMA CI	TY OK		73154	1		sara.eve		chk.com	<u>n</u>	

PLEASE TYPE OR USE BLACK INK ONLY FORMATION RECORD

live formation	names and tops,	if available,	or descriptions a	ind thickness of t	formations
	Show intervals				

NO .		
crintions and thickness of formations	LEASE NAME	KI FTKF 18-27-1

WELL NO. 2H

The state of the s	100000					
NAMES OF FORMATIONS	TOP		FOR COMMIS	SION USE ONLY		
MISSISSIPPIAN	5,531	ITD on file YES	APPROVED	Codos		
			2) Reject	Codes		
		Were open hole logs run?	yes X no			
		Date Last log was run	N/A			
		Was CO ₂ encountered?	yes X no			
		Was H ₂ S encountered?	yes X no			
		Were unusual drilling circu If yes, briefly explain.	mstances encountered?	yes _X_no		
Other remarks:	- <u> </u>	<u></u>				
——————————————————————————————————————						

640 Acres	SEC TWP	RGE COUNTY				
	Spot Location		Feet From 1/4 Sec Lines	FSL FWL		
	1/4 1/4 Measured Total Depth	1/4 1/4 True Vertical Depth	BHL From Lease, Unit, or I			
		R HORIZONTAL HOLE: (LATER	ALS)			
	SEC TWP 27N	RGE 12W COUNTY	Δ	 LFALFA		
	Spot Location	- L	Feet From 1/4 Sec Lines	FNL 176 FEL 2,372		
	NW 1/4 NW 1/4 Depth of Deviation 4.991	NW 1/4 NE 1/4 Radius of Turn	Direction 2	Total Length 4,384		
If more than three drainbales are provided	Deviation 4,991 Measured Total Depth	True Vertical Depth	BHL From Lease, Unit, or I			
If more than three drainholes are proposed, attach a separate sheet indicating the necessary information.	9,915	5,390	176			
Direction must be stated in degrees azimuth. Please note, the horizontal drainhole and its end	SEC TWP	RGE COUNTY	=			
point must be located within the boundaries of the lease or spacing unit.	Spot Location	NGE 000.111		T		
Directional surveys are required for all	1/4 1/4 Depth of	1/4 1/4 Radius of Turn	Feet From 1/4 Sec Lines Direction	FSL FWL Total Length		
drainholes and directional wells. 640 Acres	Deviation Measured Total Depth	True Vertical Depth	BHL From Lease, Unit, or I			
3157,665	modelica Total Deptil	True vertical Deptit	Sine From Lease, Offic, Of I	reporty Line.		
	LATERAL #3	1				
	SEC TWP	RGE COUNTY				
	Spot Location	1/4 1/4	Feet From 1/4 Sec Lines	FSL FWL		
7	1/4 1/4 Depth of	Radius of Turn	Direction	Total Length		
	Deviation Measured Total Depth	True Vertical Depth	BHL From Lease, Unit, or I	Property Line:		

6709 NORTH CLASSEN BLVD., OKIA. CITY, OKIA. 73116 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219

Certificate of Authorization No. 1293 LS. ALFALFA County, Oklahoma

18 Township 27N Range 12W I.M. 280'FSL-2450'FEL Section 36.826298° N 98.539965° W 36 826306" N 36.826312" N 98.521856" W 98.530910° W ±1855' X= 1841950 3 PERF Y = 1844600 8BOTTOM PERF 9998' MD X= 1847251.1 Y= 665242.0 Y= 665230.1 10400 2645' 727N-R13W 727N-R12W BOTTOM HOLE BOTTOM PERF (9770' MD) 321'FNL-2376'FEL 36.825423' N 98.529969' W X= 1844874.7 9915' MD) 176'FNL-2372'FEL 36'49'33.0" N 98'31'47.8" W 36.825822' N 98.529956' W Lot 1 Y= 664919.4 E/2-NW/4 X= 1844879.2 Y= 665064.3 ARKANSAS \parallel Lot 2 36.819032 N 98.539986 W 36.819035 98.521811° W X= 1847250.1 X = 1841929.7Y= 662608.6 Ŧ Ħ 18 Lot 3 E/2-SW/4 TOP PERF (5589' MD) Guide 796'FSL-2401'FEL 36.813949' N 98.529981' W X = 1844848.30GR40/ \$-N-(5531' MD) 742'FSL-2401'FEL 765. 1₁₉68. Lot 4 36.813801° N 98.529978° W 1844848.7 Y= 660687.9 280'FSL-2450'FEL 2690 GRID 36.811767" N 98.540006" W 36.811767 36 811750° 36.811759° N 98.521765° W NAD-27 OK NORTH 36.811763' N 98.530817' W X= 1841909. X = 1847249US Feet X = 1844599.1Y= 659931.3 Y= 659947.4 1000 Operator: CHESAPEAKE OPERATING, L.L.C. **ELEVATION:** Lease Name: KLETKE 18-27-12 1278' Gr. at Level Pad 2H Well No .: _ Topography & Vegetation Loc. fell on level pad, ±245' North of E-W power line Reference Stakes or Alternate Location Yes Stakes Set None Good Drill Site? __ From South off county road Best Accessibility to Location _ Distance & Direction from Hwy Jct or Town From the Jct. of St. Hwy. 8 and US. Hwy. 64 West, North of Cherokee, Ok, go ±9 miles West on US. Hwy. 64, then ±1 mile North to the SE Cor. of Sec. 18-T27N-R12W 269166 Date of Drawing: <u>Dec. 19, 2016</u> DATUM: NAD-27
LAT: 36'48'45.1"
LONG: 98'31'48.5" JΡ Invoice # 240823A Date Staked: Mar. 3, 2015 LAT: <u>36°48'45.1"N</u> LONG: 98'31'48.5"W LAT: 36.812532° N This information hered with a Go 1 ± 1 foot Horiz. FINAL AS-DRILLED PLAT LONG: 98.530139' W STATE PLANE COORDINATES: (US Feet) AS-DRILLED INFORMATION ZONE: OK NORTH

FURNISHED BY CHESAPEAKE OPERATING, L.L.C.

X: 1844799.3 660226.2

Y:

TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

NO. 35-003-23206	PLEASE TYPE OR USE BLACK	INK ONLY	OKLAHOMA	COPPORA	TION COM	AISSION T	DEC	م اولوار	Form 1002
OTC PROD.	Attach copy of original 1002A if re	completion or reentry.	- 1	1	vation Division	III33ION	OB/C	NOW!	A TOWN
UNIT NO. 003-218216	1	1		Post Office B	ox 52000 oma 73152-20	200	141	1172	017
ORIGINAL	H: 212	2999 \$-75	Oklanom	Rule 165:1				_	1016
X AMENDED Reason Amended Sho		-	СО	MPLETION	REPORT	Ok	CLAHOM	A CORF	ORATION
TYPE OF DRILLING OPERATION STRAIGHT HOLE		HORIZONTAL HOLE	PUD DATE	5/16	3/2015	1 .	COI	VIVIISSI	NC
SERVICE WELL		D	RLG FINISHED	6/15	5/2015		6407	Acres	
directional or horizontal, see rev			ATE OF WELL						
EASE		WELL C	OMPLETION	11/30	0/2016				
AME KLET	ΓΚΕ 18-27-12 ⊢FSL	NO 2H 15	ST PROD DATE	12/1	4/2016				
SW 1/4 SW 1/4 SW			ECOMP DATE			w			E
LEVATION Derrick FI 1,300 Gro	und 1,278 Latitude (if Kr	· .	ongitude Known)						
PERATOR	PEAKE OPERATING, L		OCC OPERATOR	NO.	17441				
DDRESS P.O. BO									
Г.О. ВО.		016	. T						
OKLAHO	OMA CITY	STATE OK	ZIP	73	154				
OMPLETION TYPE		CASING & CEMENT (Form 1002C mus	be attached	d)		LOCAT	E WELL	
X SINGLE ZONE		TYPE	SIZE	WEIGHT	GRADE	FEET	PSI	SAX	TOP
MULTIPLE ZONE Application Date		CONDUCTOR							
COMMINGLED Application Date	60497 F.O.	SURFACE	13 3/8"	48#	J-55	527		300	SURFACE
)CATION	7745 (INTERIM)	INTERMEDIATE	9 5/8	36#	K-55	1,215		455	SURFACE
ICREASED DENSITY RDER NO.	639190	PRODUCTION	7"	26#	P-110EC	5,714		230	3,865
RDER NO.		LINER	4 1/2"	11.6#		5,473-9,910		440	5,473
ACKED & F 400 DDAN					1 -110LC				9,915
- 0,100	D & TYPE AS-3			PLUG @ PLUG @		TYPE	TOTA	L DEPTH	9,910
				_					
OMPLETION & TEST DATA BY		2 20 2							
	PRODUCING FORMATION	9 M95P)							
ORMATION	Mississippian	a mussp		:				Repor	ted to
ORMATION PACING & SPACING	35°	(MYSP)		:				Repoi Frau	ted to
DRMATION PACING & SPACING RDER NUMBER LASS: Oil, Gas, Dry, Inj.	Mississippian 640 98259	amusp)						Repoi Frau	ted to
DRMATION PACING & SPACING RDER NUMBER LASS: Oil, Gas, Dry, Inj.	Mississippian 640	nysp)						Repoi Frau	ted to
DRMATION PACING & SPACING RDER NUMBER LASS: Oil, Gas, Dry, Inj. iisp, Comm Disp, Svc	Mississippian 640 98259 Gas	9 M95P)						Repot From	ted to
DRMATION PACING & SPACING RDER NUMBER LASS: Oil, Gas, Dry, Inj. iisp, Comm Disp, Svc	Mississippian 640 98259	9 MSSP)						Repoi Frau	ted to
DRMATION PACING & SPACING RDER NUMBER LASS: Oil, Gas, Dry, Inj. isp, Comm Disp, Svc	Mississippian 640 98259 Gas 5589 - 9770	MUSSP)						Repoi From	ted to
DRMATION PACING & SPACING RDER NUMBER LASS: Oil, Gas, Dry, Inj. iisp, Comm Disp, Svc ERFORATED TERVALS	Mississippian 640 98259 Gas 5589 - 9770	9 MSSP)						Regoi Frau	ted to
DRMATION PACING & SPACING RDER NUMBER LASS: Oil, Gas, Dry, Inj. isp, Comm Disp, Svc ERFORATED TERVALS	Mississippian 640 98259 Gas 5589 - 9770 HCL Acid 8000 Gals Frac Fluid	9 MSSP)						Repoi Frau	ted to
DRMATION PACING & SPACING RDER NUMBER LASS: Oil, Cas, Dry, Inj. isp, Comm Disp, Svc ERFORATED TERVALS CID/VOLUME RACTURE TREATMEMT	Mississippian 640 98259 Gas 5589 - 9770 HCL Acid 8000 Gals Frac Fluid 38,147 Bbls Proppant	MSSP)						Regoi Frau	ted to
ORMATION PACING & SPACING RDER NUMBER LASS: Oil, Gas, Dry, Inj. Disp, Comm Disp, Svc ERFORATED ITERVALS CID/VOLUME RACTURE TREATMEMT	Mississippian 640 98259 Gas 5589 - 9770 HCL Acid 8000 Gals Frac Fluid 38,147 Bbls Proppant 192,260 Lbs							77 24	crocus
DRMATION PACING & SPACING RDER NUMBER LASS: Oil, Cas, Dry, Inj. isp, Comm Disp, Svc ERFORATED TERVALS CID/VOLUME RACTURE TREATMEMT	Mississippian 640 98259 Gas 5589 - 9770 HCL Acid 8000 Gals Frac Fluid 38,147 Bbls Proppant 192,260 Lbs Minimum Gas Allowa				Purchaser/Mea	Isurer	Chesape	PT VIL	rating, L.L.C.
PACING & SPACING RDER NUMBER LASS: Oil, Gas, Dry, Inj. isp, Comm Disp, Svc ERFORATED TERVALS CID/VOLUME RACTURE TREATMEMT uids/Prop Amounts)	Mississippian 640 98259 Gas 5589 - 9770 HCL Acid 8000 Gals Frac Fluid 38,147 Bbls Proppant 192,260 Lbs Minimum Gas Allowa X OR	able (165:10-17-7)			Purchaser/Mea	isurer	Chesape	77 24	rating, L.L.C.
DRMATION PACING & SPACING RDER NUMBER ASS: Oil, Gas, Dry, Inj. isp, Comm Disp, Svc ERFORATED TERVALS CID/VOLUME RACTURE TREATMEMT uids/Prop Amounts)	Mississippian 640 98259 Gas 5589 - 9770 HCL Acid 8000 Gals Frac Fluid 38,147 Bbls Proppant 192,260 Lbs Minimum Gas Allowa					isurer	Chesape	PT VIL	rating, L.L.C.
DRMATION PACING & SPACING RDER NUMBER LASS: Oil, Gas, Dry, Inj. isp, Comm Disp, Svo ERFORATED TERVALS CID/VOLUME RACTURE TREATMEMT luids/Prop Amounts)	Mississippian 640 98259 Gas 5589 - 9770 HCL Acid 8000 Gals Frac Fluid 38,147 Bbls Proppant 192,260 Lbs Minimum Gas Allowa X OR Oil Allowable	able (165:10-17-7)		1st Sa	ales Date		Chesape	PT VIL	rating, L.L.C.
DRMATION PACING & SPACING RDER NUMBER LASS: Oil, Gas, Dry, Inj. isp, Comm Disp, Svc ERFORATED TERVALS CID/VOLUME RACTURE TREATMEMT luids/Prop Amounts) ITIAL TEST DATA ITIAL TEST DATE L-BBL/DAY	Mississippian 640 98259 Gas 5589 - 9770 HCL Acid 8000 Gals Frac Fluid 38,147 Bbls Proppant 192,260 Lbs Minimum Gas Allowa X OR Oil Allowable 1/7/2017	able (165:10-17-7)		1st Sa	ales Date		Chesape	PT VIL	rating, L.L.C.
DRMATION PACING & SPACING RDER NUMBER LASS: Oil, Gas, Dry, Inj. isp, Comm Disp, Svc ERFORATED TERVALS CID/VOLUME RACTURE TREATMEMT luids/Prop Amounts) ITIAL TEST DATA ITIAL TEST DATE L-BBL/DAY L-GRAVITY (API) AS-MCF/DAY	Mississippian 640 98259 Gas 5589 - 9770 HCL Acid 8000 Gals Frac Fluid 38,147 Bbls Proppant 192,260 Lbs Minimum Gas Allowa X OR Oil Allowable 1/7/2017 132 3,218	able (165:10-17-7)	Steel South Links on said	1st Sa	ales Date		Chesape	PT VIL	rating, L.L.C.
DRMATION PACING & SPACING RDER NUMBER LASS: Oil, Gas, Dry, Inj. Disp, Comm Disp, Svc ERFORATED ITERVALS CID/VOLUME RACTURE TREATMEMT Iuids/Prop Amounts) ITIAL TEST DATA ITIAL TEST DATE IL-BBL/DAY IL-GRAVITY (API) AS-MCF/DAY AS-OIL RATIO CU FT/BBL	Mississippian 640 98259 Gas 5589 - 9770 HCL Acid 8000 Gals Frac Fluid 38,147 Bbls Proppant 192,260 Lbs Minimum Gas Allowa X OR Oil Allowable 1/7/2017 132 3,218 24,379	able (165:10-17-7)	Steel South Links on said	1st Sa	ales Date		Chesape	PT VIL	rating, L.L.C.
DRMATION PACING & SPACING RDER NUMBER LASS: Oil, Gas, Dry, Inj. isp, Comm Disp, Svc ERFORATED TERVALS CID/VOLUME RACTURE TREATMEMT uids/Prop Amounts) ITIAL TEST DATA ITIAL TEST DATE L-BBL/DAY L-GRAVITY (API) AS-MCF/DAY AS-OIL RATIO CU FT/BBL ATER-BBL/DAY	Mississippian 640 98259 Gas 5589 - 9770 HCL Acid 8000 Gals Frac Fluid 38,147 Bbls Proppant 192,260 Lbs Minimum Gas Allowa X OR Oil Allowable 1/7/2017 132 3,218 24,379 2049	able (165:10-17-7)	AS S	1st Sa	ales Date		Chesape	PT VIL	rating, L.L.C.
DRMATION PACING & SPACING RDER NUMBER ASS: Oil, Gas, Dry, Inj. isp, Comm Disp, Svc ERFORATED TERVALS EID/VOLUME PACTURE TREATMEMT uids/Prop Amounts) TIAL TEST DATA TIAL TEST DATE L-BBL/DAY L-GRAVITY (API) AS-MCF/DAY ATER-BBL/DAY MPING OR FLOWING	Mississippian 640 98259 Gas 5589 - 9770 HCL Acid 8000 Gals Frac Fluid 38,147 Bbls Proppant 192,260 Lbs Minimum Gas Allowa X OR Oil Allowable 1/7/2017 132 3,218 24,379	able (165:10-17-7)	Steel South Links on sand	1st Sa	ales Date		Chesape	PT VIL	rating, L.L.C.
DRMATION PACING & SPACING RDER NUMBER LASS: Oil, Gas, Dry, Inj. iisp, Comm Disp, Svc ERFORATED TERVALS CID/VOLUME RACTURE TREATMEMT luids/Prop Amounts) ITIAL TEST DATA ITIAL TEST DATE L-BBL/DAY L-GRAVITY (API) AS-MCF/DAY AS-OIL RATIO CU FT/BBL ATER-BBL/DAY JMPING OR FLOWING ITIAL SPACING SURE	Mississippian 640 98259 Gas 5589 - 9770 HCL Acid 8000 Gals Frac Fluid 38,147 Bbls Proppant 192,260 Lbs Minimum Gas Allowa X OR Oil Allowable 1/7/2017 132 3,218 24,379 2049	able (165:10-17-7)	Steel South Links on sand	1st Sa	ales Date		Chesape	PT VIL	rating, L.L.C.
DRMATION PACING & SPACING RDER NUMBER LASS: Oil, Gas, Dry, Inj. isp, Comm Disp, Svc ERFORATED TERVALS CID/VOLUME RACTURE TREATMEMT luids/Prop Amounts) ITIAL TEST DATA ITIAL TEST DATE L-BBL/DAY L-GRAVITY (API) AS-MCF/DAY AS-OIL RATIO CU FT/BBL ATER-BBL/DAY JMPING OR FLOWING ITIAL SHUT-IN PRESSURE HOKE SIZE	Mississippian 640 98259 Gas 5589 - 9770 HCL Acid 8000 Gals Frac Fluid 38,147 Bbls Proppant 192,260 Lbs Minimum Gas Allowa X OR Oil Allowable 1/7/2017 132 3,218 24,379 2049	able (165:10-17-7)	Steel South Links on sand	1st Sa	ales Date		Chesape	PT VIL	rating, L.L.C.
DRMATION PACING & SPACING RDER NUMBER LASS: Oil, Gas, Dry, Inj. isp, Comm Disp, Svc ERFORATED TERVALS CID/VOLUME RACTURE TREATMEMT luids/Prop Amounts) ITIAL TEST DATA ITIAL TEST DATE L-BBL/DAY L-GRAVITY (API) AS-MCF/DAY AS-OIL RATIO CU FT/BBL ATER-BBL/DAY JMPING OR FLOWING ITIAL SHUT-IN PRESSURE HOKE SIZE OW TUBING PRESSURE	Mississippian 640 98259 Gas 5589 - 9770 HCL Acid 8000 Gals Frac Fluid 38,147 Bbls Proppant 192,260 Lbs Minimum Gas Allowa X OR Oil Allowable 1/7/2017 132 3,218 24,379 2049 Artificial Lift	(165:10-13-3)	AS S	1st Sa	ales Date	TED	Chesape	24ke Ope	rating, L.L.C.
DRMATION PACING & SPACING RDER NUMBER LASS: Oil, Gas, Dry, Inj. isp, Comm Disp, Svc ERFORATED TERVALS CID/VOLUME RACTURE TREATMEMT luids/Prop Amounts) ITIAL TEST DATA ITIAL TEST DATE L-BBL/DAY L-GRAVITY (API) AS-OIL RATIO CU FT/BBL ATER-BBL/DAY JMPING OR FLOWING ITIAL SHUT-IN PRESSURE HOKE SIZE OW TUBING PRESSURE Record of the formations drilled to contact the surface of the surface of the surface of the surface of the formations drilled to contact the surface of	Mississippian 640 98259 Gas 5589 - 9770 HCL Acid 8000 Gals Frac Fluid 38,147 Bbls Proppant 192,260 Lbs Minimum Gas Allowa X OR Oil Allowable 1/7/2017 132 3,218 24,379 2049 Artificial Lift	presented on the reverse. I deck	AS S	1st Sa	ales Date	TED	Chesape	eake Ope 12/14/20	rating, L.L.C.
ORMATION PACING & SPACING RDER NUMBER LASS: Oil, Gas, Dry, Inj. Disp, Comm Disp, Svc ERFORATED ITERVALS CID/VOLUME RACTURE TREATMEMT Iluids/Prop Amounts) ITIAL TEST DATA IITIAL TEST DATE IL-GRAVITY (API) AS-MCF/DAY AS-OIL RATIO CU FT/BBL IATER-BBL/DAY JMPING OR FLOWING IITIAL SHUT-IN PRESSURE HOKE SIZE LOW TUBING PRESSURE record of the formations drilled to port which was prepared by me	Mississippian 640 98259 Gas 5589 - 9770 HCL Acid 8000 Gals Frac Fluid 38,147 Bbls Proppant 192,260 Lbs Minimum Gas Allowa X OR Oil Allowable 1/7/2017 132 3,218 24,379 2049 Artificial Lift	presented on the reverse. I declation, with the data and facts state Sara Everett	are that I have known different to be true to, Regulatory	1st Sa	ales Date	IS report and am autile best of my knowled 1/12/201	Chesape Chesape Indicate by my dige and belief	organization 405-	rating, L.L.C. 016 to make this 848-8000
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sport which was prepared by me SIGNATURE	Mississippian 640 98259 Gas 5589 - 9770 HCL Acid 8000 Gals Frac Fluid 38,147 Bbls Proppant 192,260 Lbs Minimum Gas Allowa X OR Oil Allowable 1/7/2017 132 3,218 24,379 2049 Artificial Lift	presented on the reverse. I decision, with the data and facts state Sara Everett NAME	are that I have known different to be true to, Regulatory	SUE Wedge of the correct, and Analyst	ales Date	IS report and am autile best of my knowled 1/12/201	Chesape	organization 405- PHOI	to make this 848-8000 NE NUMBER