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

Rule 165: 10-3-25

API No.: 35003232070001 **Completion Report** Spud Date: May 19, 2015

OTC Prod. Unit No.: 003-218206 Drilling Finished Date: June 24, 2015

1st Prod Date: December 14, 2016

Amended Completion Date: December 04, 2016

**Drill Type: HORIZONTAL HOLE** 

Well Name: KLETKE 18-27-12 1H Purchaser/Measurer: CHESAPEAKE OPERATING

Min Gas Allowable: Yes

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

SW SW SW SE

265 FSL 2450 FEL of 1/4 SEC

Derrick Elevation: 1300 Ground Elevation: 1278

Operator: CHESAPEAKE OPERATING LLC 17441

PO BOX 18496

Amend Reason: SHOW COMPLETION

6100 N WESTERN AVE

OKLAHOMA CITY, OK 73154-0496

	Completion Type
Х	Single Zone
	Multiple Zone
	Commingled

Location Exception
Order No
660496

Increased Density
Order No
639190

Casing and Cement									
Туре	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT		
SURFACE	13 3/8	48	J-55	523		460	SURFACE		
INTERMEDIATE	9 5/8	36	J-55	1202		360	SURFACE		
PRODUCTION	7	26	P-110EC	5704		230	3315		

Liner									
Туре	Size	Weight	Grade	Length	PSI	SAX	Top Depth	Bottom Depth	
LINER	4 1/2	11.6	P-110EC	5054	0	440	5479	10533	

Total Depth: 10535

Packer					
Depth	Brand & Type				
5405	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	226		2082	9212	2292	ARTIFICIA			195

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

Formation Name: MISSISSIPPIAN

Code: 359MSSP

Class: OIL

Spacing Orders						
Order No	Unit Size					
98259	640					

Perforated Intervals				
From	То			
5589	10400			

Acid Volumes 9,000 GALLONS HCL ACID

Fracture Treatments					
43,486 BARRELS FRAC FLUID, 217,080 POUNDS PROPPANT					

Formation	Тор
MISSISSIPPIAN	5536

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

NE NE NW NW

177 FNL 1052 FWL of 1/4 SEC

Depth of Deviation: 4990 Radius of Turn: 403 Direction: 352 Total Length: 4999

Measured Total Depth: 10535 True Vertical Depth: 5393 End Pt. Location From Release, Unit or Property Line: 177

## FOR COMMISSION USE ONLY

1135708

Status: Accepted

February 13, 2017 2 of 2

API	TPLEASE TYPE OR USE BLACK IN	IK ONLY					1.5	200C		// <del>() [</del>
NO. 35-003-23207 NOTE: OTC PROD. UNIT NO. 003-218206  NOTE: Attach copy of original 1002A if recompletion or reentry.			OKLAHOMA CORPORATION COMMISSION Oil & Gas Conservation Division Post Office Box 52000				IISSION 🔑	JAN 1 7 2017		
	2				na City, Oklaho	oma 73152-20				
ORIGINAL AMENDED Reason Amended Sho	ow Completion			co	Rule 165:10		OK	LAHOMA CON	A CORPO MMISSIC	ORATION N
TYPE OF DRILLING OPERATION	ON		SPUD	DATE		/2015	] .	0.40	<b>A</b>	
STRAIGHT HOLE SERVICE WELL		ORIZONTAL HOLE	DRLG	FINISHED		/2015		640	Acres	
If directional or horizontal, see re		2711 225 1211	DATE	OF WELL				<del>                                     </del>		
LEASE	iw.	27N RGE 12W	COM	PLETION	12/4/	/2016				-
NAME KLE		o 1H	<u> </u>	PROD DATE	12/14	1/2016	-			
	/ 1/4 SE 1/4 265 1	4 SEC 2,450		MP DATE			w			E
DOMINOR 1	ound 1,278 Latitude (if Know	wn)	Longit (if Kno							
OPERATOR CHESA	PEAKE OPERATING, L.I	C. c	TC/OCC	OPERATOR	NO.	17441				
ADDRESS P.O. BO	OX 18496									
	OMA CITY	STATE	OK	ZIP	73	154				
O(LD II)		077.12				-	\—	LOCA	TE WELL	
COMPLETION TYPE		CASING & CEME	NT (For	m 1002C mus	t be attached	1)	· · · · · · · · · · · · · · · · · · ·			
X SINGLE ZONE  MULTIPLE ZONE		TYPE		SIZE	WEIGHT	GRADE	FEET	PSI	SAX	TOP
Application Date  COMMINGLED		CONDUCTOR								
Application Date	660496 F.O.	SURFACE		13 3/8"	48#	J-55	523		460	SURFACE
EXCEPTION ONDER NO.	39191 (INTERIM)	INTERMEDIAT	Ė	9 5/8"	36#	J-55	1,202		360	SURFACE
INCREASED DENSITY ORDER NO.	639190	PRODUCTION		7"	26#	P-110EC	5,704		230	3,315
.,	<u>-</u>	LINER		4 1/2"	11.6#	P-110EC	5,479-10,53	3	440	5,479
PACKER @ 5.405 BRAI	ND & TYPE AS-3	PLUG @	TYPE		PLUG @		TYPE	тот	AL DEPTH	10,535
	ND & TYPE	PLUG @	TYPE		PLUG @		TYPE	- -		
COMPLETION & TEST DATA E	BY PRODUCING FORMATION	amssp								
FORMATION		111.201	1						000	Last to
SPACING & SPACING	Mississippian 640		+					·····	7000	rted to c Focus
ORDER NUMBER CLASS: Oil, Gas, Dry, Inj.	98259		+						1700	Crocus
Disp, Comm Disp, Svc	Oil								-	
PERFORATED										
INTERVALS	5589 - 10,400									
ACID/VOLUME	HCL Acid 9000 Gals									
FRACTURE TREATMENT	Frac Fluid									
(Fluids/Prop Amounts)	43,486 Bbls Proppant		-	<del></del>						
	217,080 Lbs									
	Minimum Gas Allowab	le (165:10-17-	-7)			Purchaser/Mea	asurer	Chesap	eake Ope 12/14/2	rating, L.L.C.
INITIAL TEST DATA	X OR Oil Allowable	(165:10-13-3)			181 58	ales Date			12/14/2	010
INITIAL TEST DATE	1/7/2017									
OIL-BBL/DAY	226									
OIL-GRAVITY ( API)		1/	////	//////	//////	//////		-		
GAS-MCF/DAY	2,082									
GAS-OIL RATIO CU FT/BBL	9,212		IA	C C	IIR	MILTE	IED			
WATER-BBL/DAY	2292		H.	J	ODI	<b>VIII I</b> I				
PUMPING OR FLOWING	Artificial Lift		,,,,,							
INITIAL SHUT-IN PRESSURE					///////		<u> </u>			
CHOKE SIZE										
FLOW TUBING PRESSURE	195								<u> </u>	
	through, and pertinent remarks are pose or under my supervision and direction									to make this
Solar Ew				erein to be true Regulator		complete to t	ne best of my knowl 1/12/20	-		848-8000
SIGNATURE	<del>-</del>	N.	AME (PF	RINT OR TYPE	=)		DATI	=	PHO	NE NUMBER
P.O. BOX 18496		CITY OF		7315	4		sara.ev EMAILADI		chk.co	<u>m</u>
ADDRESS ***	CITY									

# PLEASE TYPE OR USE BLACK INK ONLY FORMATION RECORD

Give formation	names and tops, if available, or descriptions and thickness of formations
	Show intervals cored or drillstem tested.

ormations	LEASE NAME	KLETKE	18-27-1

14	NO	-1∟

NAMES OF FORMATIONS	то	P			FOR	COMMISSION	USE ONLY	
MISSISSIPPIAN	5	5,536	ITD on file	YES	S NO			
MISSISSIFFIAN	"	,536			,			
			APPROVE	D DIS/	APPROVED	2) Reject Code	7 <b>c</b>	
			-			2) Neject Code	75	
						<u> </u>		
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					•		·	
			<u></u>			<del>-</del>		
			10/	. h - l - l		V		
			vvere open	hole logs run?		_ <u>X</u> _no		<del></del>
			Date Last I	og was run	N/A			
			Was CO <sub>2</sub>	encountered?	yes	χ no at v	vhat depths?	
			10/00 H S 0	necuntered?			vhat depths?	
			VVas n <sub>2</sub> S e	encountered?	yes	χ no at v	viiai uepiiis:	
	1				mstances encount	tered?		yes X no
			If yes, brief	iy explain.				
Other remarks:	<u></u>		<del>_</del>		<u></u>		<u> </u>	
		-				-		
040.4					·			
640 Acres	BOTTOM HOLE	TWP	RGE	COUNTY				
	0				-			1
	Spot Location 1/4	1/4	1/4		Feet From 1/4	Con Linon EQ		
	Measured Total D			1/4	7 5511 15	Sec Lines FS	L	FWL
		oepui.	True Vertical De		BHL From Lease			FWL
		Эерин						FWL
			True Vertical De	pth	BHL From Lease			FWL
	BOTTOM HOLE		True Vertical De	pth	BHL From Lease			FWL
	LATERAL #1	LOCATION FO	True Vertical De R HORIZONTAL	pth	BHL From Lease	e, Unit, or Prope	erty Line:	FWL
	SEC 18	LOCATION FO	True Vertical De	pth HOLE: (LATER	BHL From Lease	e, Unit, or Prope	erty Line:	
	SEC 18 Spot Location	LOCATION FO	R HORIZONTAL	HOLE: (LATER	BHL From Lease	e, Unit, or Prope	erty Line:	FWL 1,052
	SEC 18 Spot Location NE 1/4 Depth of	LOCATION FO TWP 27N NE 1/4	True Vertical De R HORIZONTAL	HOLE: (LATER COUNTY NW 1/4	BHL From Lease	ALFA Sec Lines FN	erty Line:	FWL 1,052
	SEC 18 Spot Location NE 1/4 Depth of Deviation	LOCATION FO TWP 27N NE 1/4 4,990	R HORIZONTAL RGE 12W NW 1/4 Radius of Turn	HOLE: (LATER COUNTY  NW 1/4 403	BHL From Lease RALS)  Feet From 1/4	ALFA Sec Lines FN Tot	LFA L 177 al Length	
If more than three drainholes are proposed, attach a	SEC 18 Spot Location NE 1/4 Depth of Deviation Measured Total E	LOCATION FO TWP 27N NE 1/4 4,990 Depth	R HORIZONTAL RGE 12W NW 1/4 Radius of Turn True Vertical De	HOLE: (LATER COUNTY  NW 1/4  403	BHL From Lease RALS)  Feet From 1/4	ALFA Sec Lines FN Tot 352 e, Unit, or Prope	LFA L 177 al Length	FWL 1,052
If more than three drainholes are proposed, attach a separate sheet indicating the necessary information.	SEC 18 Spot Location NE 1/4 Depth of Deviation	LOCATION FO TWP 27N NE 1/4 4,990 Depth	R HORIZONTAL RGE 12W NW 1/4 Radius of Turn	HOLE: (LATER COUNTY  NW 1/4  403	BHL From Lease RALS)  Feet From 1/4	ALFA Sec Lines FN Tot 352 e, Unit, or Prope	LFA L 177 al Length	FWL 1,052
separate sheet indicating the necessary information.  Direction must be stated in degrees azimuth.	LATERAL #1 SEC 18 Spot Location NE 1/4 Depth of Deviation Measured Total E 10,5	LOCATION FO TWP 27N NE 1/4 4,990 Depth	R HORIZONTAL  RGE 12W  NW 1/4  Radius of Turn  True Vertical De	HOLE: (LATER COUNTY NW 1/4 403 pth 1/93	BHL From Lease RALS)  Feet From 1/4	ALFA Sec Lines FN Tot 352 e, Unit, or Prope	LFA L 177 al Length	FWL 1,052
separate sheet indicating the necessary information.  Direction must be stated in degrees azimuth.  Please note, the horizontal drainhole and its end	LATERAL #1 SEC 18 Spot Location NE 1/4 Depth of Deviation Measured Total E 10,5	LOCATION FO TWP 27N NE 1/4 4,990 Depth	R HORIZONTAL  RGE 12W  NW 1/4  Radius of Turn  True Vertical De	HOLE: (LATER COUNTY  NW 1/4  403	BHL From Lease RALS)  Feet From 1/4	ALFA Sec Lines FN Tot 352 e, Unit, or Prope	LFA L 177 al Length	FWL 1,052
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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 LS. ALFALFA \_ County, Oklahoma 265'FSL-2450'FEL \_\_ Township <u>27N</u> Range <u>12W</u>I.M. Section 2650 36.826298" N 98.539965" W 36.826306° N 98.530910° W 36.826312° N 98.521856° W ±1855' X= 1841950.3 Lot 1 BOTTOM HOLE (10535' MD) 177'FNL-1052'FWL 36'49'32.9" N 98'32'10.9" W 36.825814' N 98.536373' W X = 1844600.8X= 1847251.1 BOTTOM PERF 9998' MD Y= 665242.0 Y= 665230.1 177'FNL-1052' 36'49'32.9" N 98'32'10.9' W 36.825814' N 98.536373' W X= 1843000.8 ₽ BOTTOM PERF (10400' MD) BOTTOM F 9770' MD 311'FNL-1071'FWL 36.825447' N 98.536307° W X= 1843019.3 2645' Y= 664938.3 Y= 665072.0 E/2-NW/4 ARKANSAS IILot 2 36.819032 N 98.539986 W 36.819035 (As-Drill 98.521811° W X= 1847250.1 X= 1841929.7 Y= 662608.6 E Ŧ 18 18-27-12 Lot 3 E/2-SW/4 Guide 딾 95.09 19.08 PENETRATION POINT 1939 (5536' MD) 499'FSL-2488'FWL 36.813135' N 98.531503' W X= 1844401.1 Lot 4 265'FSL−2450'FFL 2690 36.811767' N GRID 36.811759° N 98.521765° W NAD-27 OK NORTH 98.540006 W 36.811763° N 98.530817° W X = 1841909.US Feet X= 1847249 Y= 1844500 1 Y= 659931.3 659947.4 ŏ 1000 Operator: CHESAPEAKE OPERATING, L.L.C. **ELEVATION:** Lease Name: KLETKE 18-27-12 1278' Gr. at Level Pad Well No.: Topography & Vegetation Loc. fell on level pad; ±230' North of E-W power line Reference Stakes or Alternate Location Stakes Set None Good Drill Site? \_ Best Accessibility to Location\_ From South off county road 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 269165 Date of Drawing: <u>Dec. 19, 2016</u> NAD-27 NAD-27 NAD-27 NAD-27 NAD-27 Invoice # 240823 Date Staked: Mar. 3, 2015 JΡ LAT: <u>36'48'45.0"N</u> LONG: 98'31'48.5"W This information whered with a GPS in ±1 foot Honiz./Vert. a LAT: <u>36.812491° N</u> LONG: 98.530138° W FINAL AS-DRILLED PLAT STATE PLANE COORDINATES: (US Feet)

ZONE: <u>OK NORTH</u>

1844799.3

660211.2

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