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

Rule 165: 10-3-25

API No.: 35037281500004 **Completion Report** Spud Date: January 31, 1990

OTC Prod. Unit No.: 037-25421 Drilling Finished Date: February 11, 1990

1st Prod Date: February 28, 1990

Amended Completion Date: February 28, 1990 Amend Reason: CHANGE STATUS TO EOR INJECTION

Recomplete Date: November 05, 1994

Drill Type: STRAIGHT HOLE

SERVICE WELL

Well Name: MUSSELLEM 32 Purchaser/Measurer:

CREEK 8 18N 7E SE SE SW SE Location:

165 FSL 1155 FWL of 1/4 SEC

Derrick Elevation: 880 Ground Elevation: 875

Operator: BEREXCO LLC 22550

> 2020 N BRAMBLEWOOD ST WICHITA, KS 67206-1094

	Completion Type
Х	Single Zone
	Multiple Zone
	Commingled

Location Exception
Order No
There are no Location Exception records to display.

Increased Density
Order No
There are no Increased Density records to display.

First Sales Date:

		Cas	sing and Ceme	nt			
Туре	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
SURFACE	10 3/4	42	J-55	753		385	SURFACE
PRODUCTION	7	23	255	2789		225	1350

				Liner				
Туре	Size	Weight	Grade	Length	PSI	SAX	Top Depth	Bottom Depth
			There are	no Liner record	ds to displa	ay.		

Total Depth: 3300

Pac	ker
Depth	Brand & Type
2747	COMPRESSION

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

Initial Test Data

January 11, 2018 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
			There are r	no Initial Data	records to disp	olay.		•		
		Con	npletion and	l Test Data b	y Producing F	ormation				
	Formation Name: ARBU	CKLE		Code: 16	9ABCK	С	lass: INJ			
	Spacing Orders				Perforated I	ntervals				
Orde	er No U	nit Size		Fron	1	Т	ō			
There ar	e no Spacing Order records	s to display.		There are	no Perf. Interva	ls records to	display.			
	Acid Volumes		$\overline{}$		Fracture Tre	atments		_		
	2,200 GALLONS 15%			There are no	Fracture Treatn	nents records	s to display.			
Formation		Т	ор		/ere open hole l	ogs run? No				

Date last log run:

Were unusual drilling circumstances encountered? No Explanation:

Other Remarks

UIC PERMIT NUMBER 1501110071. OCC - THIS WELL IS AN OPEN HOLE COMPLETION FROM BOTTOM OF THE 7" CASING AT 2,789' TO TOTAL DEPTH AT 3,300'.

FOR COMMISSION USE ONLY

1138307

Status: Accepted

2 of 2 January 11, 2018

RECEIVED MAR 2 8 2016 PLEASE TYPE OR USE BLACK INK ONLY OKI AHOMA CORPORATION COMMISSION NOTE: OTC PROD. UNIT NO. 037-2542 Oil & Gas Conservation Division Attach copy of original 1002A Post Office Box 52000 **OKLAHOMA CORPORATION** if recompletion or reentry. Oklahoma City, Oklahoma 73152-2000 COMMISSION ORIGINAL Rule 165:10-3-25 Changestatus to EUR Injection AMENDED (Reason) COMPLETION REPORT TYPE OF DRILLING OPERATION 640 Acres SPUD DATE 1-31-1990 STRAIGHT HOLE DIRECTIONAL HOLE HORIZONTAL HOLE SERVICE WELL -11-1990 If directional or horizontal, see reverse for bottom hole local DATE DATE OF WELL COUNTY SEC 8 RGE 07E COMPLETION WELL 32 LEASE 1st PROD DATE NAME FWL OF FSL OF SE 1/4 SÉ 1/4 SW 1/4 SE 1/4 1/4 SEC 1/55 RECOMP DATE 1/4 SEC ELEVATIO Longitude 880 Ground 875' Latitude (if known) N Demick (if known) **OPERATOR** 225*50* NAME OPERATOR NO. ADDRESS 2020 N. Bramble wood CITY STATE KS ZIP 7206 Wichita LOCATE WELL **COMPLETION TYPE** CASING & CEMENT (Form 1002C must be attached) SINGLE ZONE TYPE SIZE WEIGHT GRADE FEET PSI TOP OF CMT MULTIPLE ZONE CONDUCTOR Application Date COMMINGLED SURFACE 42 Surface 10 3/4 385 155 753 Application Date LOCATION INTERMEDIATE EXCEPTION ORDER INCREASED DENSITY PRODUCTION 2789 23 225 755 350 ORDER NO. LINER TOTAL PACKER @ 2747 BRAND & TYPE Complession PLUG @ 3300 TYPE PLUG @ TYPE DEPTH BRAND & TYPE TYPE PLUG @ TYPE COMPLETION & TEST DATA BY PRODUCING FORMATION 169 Arbuckle SPACING & SPACING un spaceo ORDER NUMBER CLASS: Oil, Gas, Dry, Inj, Injection Disp, Comm Disp, Svc open hole PERFORATED INTERVALS ACID/VOLUME 2200 gal 15% FRACTURE TREATMENT (Fluids/Prop Amounts) Min Gas Allowable (165:10-17-7) Gas Purchaser/Measurer OR First Sales Date **INITIAL TEST DATA** Oil Allowable (165:10-13-3) INITIAL TEST DATE OIL-BBL/DAY OIL-GRAVITY (API) GAS-MCF/DAY GAS-OIL RATIO CU FT/BBL WATER-BBI /DAY PUMPING OR FLOWING INITIAL SHUT-IN PRESSURE CHOKE SIZE FLOW TUBING PRESSURE

A record of the formations drilled through, and pertinent remarks are presented on the reverse. I declare that I have knowledge of the contents of this report and am authorized by my organization to make this report, which was prepared by me or under my supervision and direction, with the data and facts stated herein to be true, correct, and complete to the best of my knowledge and belief.

juries Lews		1cewis	•		3/661	2016	316-265-3511
SIGNATURE		NAME (PRINT	OR TYPE)			DATE	PHONE NUMBER
2020 NiBlamblewood	Wichita	KS	67205	1/ewis	Dh	erexco	o. Com
ADDRESS	CITY	STATE	ZIP		E	MAIL ADDRE	SS

Form 1002A Rev 2009

PLEASE TYPE OR USE BLACK INK ONLY

Give formatiled thro	ugh. SI	HOW II	ici va		ou or urmou									
NAMES O	F FORM	MATIC	NS					ТОР				FOF	R COMMISSION U	SE ONLY
-										ITD on	ا ما	ES NO		
										APPRO		ISAPPROVED		
										APPRO	L		2) Reject Codes	
								100						
													- 1 (d)	
									1					
										Were o	en hole logs run	?yes	no	
										Date La	st log was run			
										Was Co	₂ encountered?	yes	no at wha	t depths?
										Was H ₂	S encountered?	yes	no at wha	t depths?
												:umstances encountered		yes no
											riefly explain belo		••	yes110
Other rema	arks:		-					- 0						com bot
							ν 1	6 Per	mit	1501	110071		, ,	
	<u>) (</u>	(_	1	his	W	011	is a	NE	peni	role	comple	tion t	com bot
nt	1	-h.	0	-	11			1 7	700	4-1	-Lm1.	andle ut	23000	
	7	110	-		ca	SINC	2	7 21	15 91	110 4	DT CEL E	CEDTUS III	1100	
	7	/) e		/	ca	sinc	a	7_2,	07	70 1	STUL 8	epp a	0000	
	7				· ca	sine	j a	7 2,	87	70 +	otal B	e eport ai	9500	
	7				<u> </u>	SINC	<i>a</i>	7 2,	<i>B</i> 7	70 t	5701 2	e e p y v i za	9300	
	7,				ca	SINC		7	<i>B</i> 11	70 +	2	<u> </u>		
	7	640 A			ca					DIRECTIONAL H				
					ca	 				DIRECTIONAL H				
					ca		воттом	HOLE LOCAT	TION FOR E	DIRECTIONAL H	IOLE			
					ca		BOTTOM SEC Spot Loca	HOLE LOCAT	TION FOR E	DIRECTIONAL F	IOLE COUNTY	Feet From 1/4 Sec Lin	nes FSL	FWL
					Ca		BOTTOM SEC Spot Loca	HOLE LOCAT	TION FOR D	DIRECTIONAL I	IOLE COUNTY	Feet From 1/4 Sec Lin	nes FSL	FWL
					Ca		BOTTOM SEC Spot Loca	HOLE LOCAT	TION FOR D	DIRECTIONAL F	IOLE COUNTY	Feet From 1/4 Sec Lin	nes FSL	FWL
					Ca		BOTTOM SEC Spot Loca Measured	TWP tion 1/4 Total Depth	RGE	DIRECTIONAL I	IOLE COUNTY	Feet From 1/4 Sec Lin BHL From Lease, Uni	nes FSL	FWL
					Ca		BOTTOM SEC Spot Loca Measured BOTTOM	HOLE LOCAT TWP tition 1/4 Total Depth HOLE LOCAT	RGE 1/4	1 True Vertical I	COUNTY 4 1/ Depth OLE: (LATERAL	Feet From 1/4 Sec Lin BHL From Lease, Uni	nes FSL	FWL
					Ca		BOTTOM SEC Spot Loca Measured	HOLE LOCAT TWP Ition 1/4 Total Depth HOLE LOCAT	RGE	1 True Vertical I	COUNTY 4 1/ Depth	Feet From 1/4 Sec Lin BHL From Lease, Uni	nes FSL	FWL
					Ca		BOTTOM SEC Spot Loca Measured BOTTOM	HOLE LOCAT TWP Ition 1/4 Total Depth HOLE LOCAT #1 TWP Ition	RGE 1/4 TION FOR H	1 True Vertical I	COUNTY 14 1/ Depth OLE: (LATERAL	Feet From 1/4 Sec Lin BHL From Lease, Uni S)	nes FSL it, or Property Line	FWL
		640 A	cres				BOTTOM SEC Spot Loca Measured BOTTOM LATERAL SEC Spot Loca Depth of	HOLE LOCAT TWP Ition 1/4 Total Depth HOLE LOCAT #1	RGE 1/4	1 True Vertical I	COUNTY OLE: (LATERAL COUNTY	Feet From 1/4 Sec Lin BHL From Lease, Uni S)	nes FSL nes FSL Total	FWL
f more than	three dra	640 A	cres	propose	ıd, attach a		BOTTOM SEC Spot Loca Measured BOTTOM LATERAL SEC Spot Loca Depth of Deviation	HOLE LOCAT TWP Ition 1/4 Total Depth HOLE LOCAT #1 TWP Ition	RGE 1/4 TION FOR H	1 True Vertical I	COUNTY COUNTY COUNTY COUNTY	Feet From 1/4 Sec Lin BHL From Lease, Uni S) Feet From 1/4 Sec Lin	nes FSL it, or Property Line nes FSL Total Length	FWL
separate she	three dra	640 A	s are p anece	oroposessary i	d, attach a		BOTTOM SEC Spot Loca Measured BOTTOM LATERAL SEC Spot Loca Depth of Deviation	HOLE LOCAT TWP Ition 1/4 Total Depth HOLE LOCAT #1 TWP	RGE 1/4 TION FOR H	1 True Vertical I	COUNTY COUNTY COUNTY COUNTY	Feet From 1/4 Sec Lin BHL From Lease, Uni S) Feet From 1/4 Sec Lin Direction	nes FSL it, or Property Line nes FSL Total Length	FWL
eparate she Direction mu Please note,	three dra tet indica st be stat the horiz	ainhole:	s are parameters are selected and the selected are selected and the selected are selected are selected as a selected are selected are selected as a selected are selected are selected are selected are selected a	oropose ssary i	rd, attach a nformation. uth. its end		BOTTOM SEC Spot Loca Measured BOTTOM LATERAL SEC Spot Loca Depth of Deviation Measured	HOLE LOCAT TWP tition 1/4 Total Depth HOLE LOCAT #1 TWP tition 1/4 Total Depth	RGE 1/4 TION FOR H	1 True Vertical I	COUNTY COUNTY COUNTY COUNTY	Feet From 1/4 Sec Lin BHL From Lease, Uni S) Feet From 1/4 Sec Lin Direction	nes FSL it, or Property Line nes FSL Total Length	FWL
eparate she Direction mu Please note, oint must b	three dra eet indica st be stat the horiz e located	ainhole:	s are parameters are selected and the selected are selected and the selected are selected are selected as a selected are selected are selected as a selected are selected are selected are selected are selected a	oropose ssary i	rd, attach a nformation. uth. its end		BOTTOM SEC Spot Loca Measured BOTTOM LATERAL SEC Spot Loca Depth of Deviation	HOLE LOCAT TWP tition 1/4 Total Depth HOLE LOCAT #1 TWP tition 1/4 Total Depth	RGE 1/4 TION FOR H	True Vertical I Radius of Turu	COUNTY COUNTY COUNTY COUNTY COUNTY COUNTY	Feet From 1/4 Sec Lin BHL From Lease, Uni S) Feet From 1/4 Sec Lin Direction	nes FSL it, or Property Line nes FSL Total Length	FWL
eparate she direction mu dease note, oint must be ease or space	three dramatic three dramatic three dramatic three dramatic three dramatic three dramatic dra	640 A	s are parameters are a necessarily to the book t	oropose ssary i s azim ole and	rd, attach a nformation. uth. its end es of the		BOTTOM SEC Spot Loca Measured BOTTOM LATERAL SEC Spot Loca Depth of Deviation Measured	HOLE LOCAT TWP Ition 1/4 Total Depth HOLE LOCAT #1 TWP Ition 1/4 Total Depth	TION FOR E	True Vertical I Radius of Turu	COUNTY COUNTY COUNTY COUNTY	Feet From 1/4 Sec Lin BHL From Lease, Uni S) Feet From 1/4 Sec Lin Direction BHL From Lease, Uni	nes FSL nes FSL Total Length t, or Property Line:	FWL
eparate she Direction mu Please note, oint must be ease or space	three drainties to be stated the context of the con	ainhole: ainhole: contal contal contal within	s are parecelegree	oroposessary in sazimale and bundari	and, attach a information. Utth. its end es of the		BOTTOM SEC Spot Loca Measured BOTTOM LATERAL SEC Spot Loca Depth of Deviation Measured LATERAL SEC Spot Loca	HOLE LOCAT TWP Ition 1/4 Total Depth HOLE LOCAT #1 TWP Ition 1/4 Total Depth	TION FOR E	True Vertical I Radius of Turu	COUNTY COUNTY COUNTY COUNTY COUNTY COUNTY COUNTY	Feet From 1/4 Sec Lin BHL From Lease, Uni S) Feet From 1/4 Sec Lin Direction BHL From Lease, Uni	nes FSL nes FSL Total Length t, or Property Line:	FWL
eparate she Direction mu Please note, oint must be ease or space	three draint state the tradical state to the cated the cated the located clining unit.	640 A	s are parecelegree	oroposessary in sazimale and bundari	and, attach a information. Utth. its end es of the		BOTTOM SEC Spot Loca Measured BOTTOM LATERAL SEC Spot Loca Depth of Deviation Measured	HOLE LOCAT TWP Ition 1/4 Total Depth Total Depth Total Depth #2 TWP	TION FOR E	True Vertical I	COUNTY COUNTY COUNTY COUNTY COUNTY COUNTY COUNTY	Feet From 1/4 Sec Lin BHL From Lease, Uni S) Feet From 1/4 Sec Lin Direction BHL From Lease, Uni	nes FSL Total Length t, or Property Line:	FWL
eparate she Direction mu Please note, oint must be ease or space	three draint state the tradical state to the cated the cated the located clining unit.	ainhole: ainhole: contal contal contal within	s are parecelegree	oroposessary in sazimale and bundari	and, attach a information. Utth. its end es of the		BOTTOM SEC Spot Loca Measured BOTTOM LATERAL SEC Spot Loca Depth of Deviation Measured LATERAL SEC Spot Loca Depth of Deviation Depth of Deviation	HOLE LOCAT TWP Ition 1/4 Total Depth Total Depth Total Depth #2 TWP	TION FOR E	True Vertical I Radius of Turu	COUNTY COUNTY COUNTY COUNTY COUNTY COUNTY COUNTY	Feet From 1/4 Sec Lin BHL From Lease, Uni S) Feet From 1/4 Sec Lin Direction BHL From Lease, Uni	nes FSL Total Length t, or Property Line:	FWL FWL
Direction mu Please note, point must be pease or spar	three draint state the tradical state to the cated the cated the located clining unit.	ainhole: ainhole: contal contal contal within	s are parecelegree	oroposessary in sazimale and bundari	and, attach a information. Utth. its end es of the		BOTTOM SEC Spot Loca Measured BOTTOM LATERAL SEC Spot Loca Depth of Deviation Measured LATERAL SEC Spot Loca Depth of Deviation Depth of Deviation	HOLE LOCAT TWP Ition 1/4 Total Depth HOLE LOCAT #1 TWP ITWP ITWP #2 TWP ITWP	TION FOR E	True Vertical I Radius of Turu	COUNTY COUNTY COUNTY COUNTY COUNTY COUNTY COUNTY	Feet From 1/4 Sec Lin BHL From Lease, Uni S) Feet From 1/4 Sec Lin Direction BHL From Lease, Uni Feet From 1/4 Sec Lin Direction Feet From 1/4 Sec Lin Direction	nes FSL Total Length t, or Property Line:	FWL FWL
eparate she Direction mu Please note, oint must be ease or space	three draint state the tradical state to the cated the cated the located clining unit.	ainhole: ainhole: contal contal contal within	s are parecelegree	oroposessary in sazimale and bundari	and, attach a information. Utth. its end es of the		BOTTOM SEC Spot Loca Measured BOTTOM LATERAL SEC Spot Loca Depth of Deviation Measured LATERAL SEC Spot Loca Depth of Deviation Measured	HOLE LOCAT TWP Ition 1/4 Total Depth HOLE LOCAT #1 TWP Ition 1/4 Total Depth #2 TWP Ition 1/4 Total Depth	TION FOR E	True Vertical I Radius of Turu	COUNTY COUNTY COUNTY COUNTY COUNTY COUNTY COUNTY	Feet From 1/4 Sec Lin BHL From Lease, Uni S) Feet From 1/4 Sec Lin Direction BHL From Lease, Uni Feet From 1/4 Sec Lin Direction Feet From 1/4 Sec Lin Direction	nes FSL Total Length t, or Property Line:	FWL FWL
eparate she direction mu elease note, oint must be ease or spar	three draint state the tradical state to the cated the cated the located clining unit.	ainhole: ainhole: contal contal contal within	s are parecelegree	oroposessary in sazimale and bundari	and, attach a information. Utth. its end es of the		BOTTOM SEC Spot Loca Measured BOTTOM LATERAL SEC Spot Loca Depth of Deviation Measured LATERAL SEC Spot Loca Depth of Deviation Depth of Deviation	HOLE LOCAT TWP Ition 1/4 Total Depth HOLE LOCAT #1 TWP Ition 1/4 Total Depth #2 TWP Ition 1/4 Total Depth	TION FOR E	DIRECTIONAL I	COUNTY COUNTY COUNTY COUNTY COUNTY COUNTY COUNTY	Feet From 1/4 Sec Lin BHL From Lease, Uni S) Feet From 1/4 Sec Lin Direction BHL From Lease, Uni Feet From 1/4 Sec Lin Direction Feet From 1/4 Sec Lin Direction	nes FSL Total Length t, or Property Line:	FWL FWL
eparate she Direction mu Please note, oint must be ease or space	three draint state the tradical state to the cated the cated the located clining unit.	ainhole: ainhole: contal contal contal within	s are parecelegree	oroposessary in sazimale and bundari	and, attach a information. Utth. its end es of the		BOTTOM SEC Spot Loca Measured BOTTOM LATERAL SEC Spot Loca Depth of Deviation Measured LATERAL SEC Spot Loca Depth of Deviation Measured	HOLE LOCAT TWP tition 1/4 Total Depth #1 TWP tition 1/4 Total Depth #2 TWP tition 1/4 Total Depth	TION FOR E	DIRECTIONAL I	COUNTY COUNTY COUNTY COUNTY COUNTY COUNTY COUNTY COUNTY COUNTY	Feet From 1/4 Sec Lin BHL From Lease, Uni S) Feet From 1/4 Sec Lin Direction BHL From Lease, Uni Feet From 1/4 Sec Lin Direction BHL From Lease, Uni	nes FSL Total Length t, or Property Line:	FWL
	three draint state the tradical state to the cated the cated the located clining unit.	ainhole: ainhole: contal contal contal within	s are parecelegree	oroposessary in sazimale and bundari	and, attach a information. Utth. its end es of the		BOTTOM SEC Spot Loca Measured BOTTOM LATERAL SEC Spot Loca Depth of Deviation Measured LATERAL SEC Spot Loca Depth of Deviation Measured	HOLE LOCAT TWP Ition 1/4 Total Depth HOLE LOCAT #1 TWP Ition 1/4 Total Depth #2 TWP Ition 1/4 Total Depth #3 TWP	TION FOR E	DIRECTIONAL I	COUNTY	Feet From 1/4 Sec Lin BHL From Lease, Uni S) Feet From 1/4 Sec Lin Direction BHL From Lease, Uni Direction BHL From Lease, Uni Feet From 1/4 Sec Lin Direction BHL From Lease, Uni	nes FSL it, or Property Line nes FSL Total Length t, or Property Line: nes FSL FSL Total Length t, or Property Line:	FWL FWL
Direction mu Please note, point must be ease or space	three draint state the tradical state to the cated the cated the located clining unit.	ainhole: ainhole: contal contal contal within	s are parecelegree	oroposessary in sazimale and bundari	and, attach a information. Utth. its end es of the		BOTTOM SEC Spot Loca Measured BOTTOM LATERAL SEC Spot Loca Depth of Deviation Measured LATERAL SEC Spot Loca Depth of Deviation Measured LATERAL SEC Spot Loca Depth of Deviation Measured Depth of Deviation Depth of Deviation Depth of Deviation	HOLE LOCAT TWP tition 1/4 Total Depth #1 TWP tition 1/4 Total Depth #2 TWP tition 1/4 Total Depth	TION FOR E	True Vertical I Radius of Turn True Vertical I Radius of Turn True Vertical I	COUNTY COUNTY	Feet From 1/4 Sec Lin BHL From Lease, Uni S) Feet From 1/4 Sec Lin Direction BHL From Lease, Uni Feet From 1/4 Sec Lin Direction BHL From Lease, Uni	nes FSL Total Length t, or Property Line: Total Length t, or Property Line: Total Length t, or Property Line:	FWL FWL