

Oklahoma Corporation Commission
Oil & Gas Conservation Division
Post Office Box 52000
Oklahoma City, Oklahoma 73152-2000
Rule 165: 10-3-25

Form 1002A

API No.: 35085212070001

Completion Report

Spud Date: January 25, 2014

OTC Prod. Unit No.:

Drilling Finished Date: February 16, 2014

Amended

1st Prod Date: April 30, 2014

Amend Reason: CONVERT TO INJECTION

Completion Date: April 04, 2014

Recomplete Date: March 23, 2017

Drill Type: STRAIGHT HOLE

SERVICE WELL

Well Name: BSDSU KIRBY 4-21

Purchaser/Measurer:

Location: LOVE 21 6S 1W
SW NE SW SW
960 FSL 845 FWL of 1/4 SEC
Derrick Elevation: 0 Ground Elevation: 869

First Sales Date:

Operator: MID-CON ENERGY OPERATING LLC 23271

2431 E 61ST ST STE 850
TULSA, OK 74136-1236

Completion Type		Location Exception		Increased Density	
X	Single Zone	Order No		Order No	
	Multiple Zone	There are no Location Exception records to display.		There are no Increased Density records to display.	
	Commingled				

Casing and Cement							
Type	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
SURFACE	8 5/8	24	J-55	970		500	SURFACE
PRODUCTION	5 1/2	17	J-55	9583		500	9202

Liner								
Type	Size	Weight	Grade	Length	PSI	SAX	Top Depth	Bottom Depth
There are no Liner records to display.								

Total Depth: 9628

Packer		Plug	
Depth	Brand & Type	Depth	Plug Type
9060	BAKER R	There are no Plug records to display.	

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
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There are no Initial Data records to display.

Completion and Test Data by Producing Formation

Formation Name: DEESE

Code: 404DEESS

Class: INJ

Spacing Orders

Order No	Unit Size
524732	UNIT

Perforated Intervals

From	To
9332	9344

Acid Volumes

26 BARRELS 7 1/2 NE/FE

Fracture Treatments

1,112 BARRELS GEL WATER, 40,000 POUNDS 20/40 OTTAWA SAND
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Formation	Top
ZUCKERMAN LIMESTONE	3495
DAUBE LIMESTONE	4015
CRINERVILLE LIMESTONE	5074
ANADARCHE LIMESTONE	5188
BAYOU	5571
CHUBBEE	5902
LONE GROVE	7007
LOWER FUSULINID SAND	8886
STACY SAND	9077
TUSSY	9240
DORNICK HILLS	9520

Were open hole logs run? Yes

Date last log run: February 13, 2014

Were unusual drilling circumstances encountered? No

Explanation:

Other Remarks

UIC PERMIT NUMBER 1704070020, EXCEPTION ORDER NUMBER 665442. WELL WON'T TAKE ON WATER.

FOR COMMISSION USE ONLY

1138036

Status: Accepted

PLEASE TYPE OR USE BLACK INK ONLY
NOTE:
Attach copy of original 1002A if recompletion or ree

OKLAHOMA CORPORATION COMMISSION
Oil & Gas Conservation Division
Post Office Box 52000
Oklahoma City, Oklahoma 73152-2000
Rule 165:10-3-25

OCT 26 2017

OKLAHOMA CORPORATION
COMMISSION

640 Acres

<input type="checkbox"/>	ORIGINAL	
<input checked="" type="checkbox"/>	AMENDED (Reason)	CONVERT TO INJ

COMPLETION REPORT

TYPE OF DRILLING OPERATION

☒ STRAIGHT HOLE ☐ DIRECTIONAL HOLE ☐ HORIZONTAL HOLE
☒ SERVICE WELL

If directional or horizontal, see reverse for bottom hole location.

SPUD DATE	1/25/2014
DRLG FINISHED DATE	2/16/2014
DATE OF WELL COMPLETION	04/04/2014
1st PROD DATE	04/30/2014
RECOMP DATE	03/23/2017

LOCATE WELL

COMPLETION TYPE

X	SINGLE ZONE
	MULTIPLE ZONE
	Application Date
	COMMINGLED
	Application Date
LOCATION	
EXCEPTION ORDER	
INCREASED DENSITY	
ORDER NO.	

CASING & CEMENT (Form 1002C must be attached)

SAGGING & CEMENT (Form 1022B must be attached)							
TYPE	SIZE	WEIGHT	GRADE	FEET	PSI	SAX	TOP OF CMT
CONDUCTOR							
SURFACE	8 5/8	24#	J55	970'		500	surface
INTERMEDIATE							
PRODUCTION	5 1/2	17#	J55	9583'		500	9202'
LINER							
PLUG @	TYPE	PLUG @	TYPE	TOTAL DEPTH			9628'

PACKER @ 9060' BRAND & TYPE Baker R PLUG @ _____ TYPE _____ PLUG @ _____ TYPE _____

PACKER @ _____ BRAND & TYPE _____ PLUG @ _____ TYPE _____ PLUG @ _____ TYPE _____

TOTAL DEPTH	9628'
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COMPLETION & TEST DATA BY PRODUCING FORMATION **404 DEESS**

FORMATION	Deese				Reported
SPACING & SPACING ORDER NUMBER	524732				To Frac Force
CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc	oil Injection				
PERFORATED INTERVALS	9332'-9344'				
	4 spf				
ACID/VOLUME	26 bbls 7 1/2 NE/FE				
FRACTURE TREATMENT (Fluids/Prop Amounts)	1,112 bbls gel water				
	40,000# 20/40				
	Ottawa Sand				

Min Gas Allowable (165:10-17-7)

OR

Gas Purchaser/Measurer
First Sales Date

INITIAL TEST DATA

INITIAL TEST DATE	7/5/2017
OIL-BBL/DAY	
OIL-GRAVITY (API)	
GAS-MCF/DAY	
GAS-OIL RATIO CU FT/BBL	
WATER-BBL/DAY	0
PUMPING OR FLOWING	pumping
INITIAL SHUT-IN PRESSURE	
CHOKE SIZE	
FLOW TUBING PRESSURE	

AS SUBMITTED

AS SUBMITTED

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.

<u>Annie Houchin</u>		<u>ANNIE HOUCHIN</u>		<u>10/23/2017</u>		<u>918-748-3343</u>	
SIGNATURE		NAME (PRINT OR TYPE)		DATE		PHONE NUMBER	
2431 E 61st St. Suite 850		Tulsa Ok 74136		ahouchin@midcon-energy.com			
ADDRESS		CITY STA ZIP		EMAIL ADDRESS			

PLEASE TYPE OR USE BLACK INK ONLY
FORMATION RECORD

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

NAMES OF FORMATIONS	TOP
Zuckerman Limestone	3,495
Daube Limestone	4,015
Crinerville Limestone	5,074
Anadarche Limestone	5,188
Bayou	5,571
Chubbee	5,902
Lone Grove	7,007
L/ Fusulinid Sand	8,886
Stacy Sand	9,077
Tussy	9,240
Dornick Hills	9,520

LEASE NAME BSDSU Kirby WELL NO. 4-1

FOR COMMISSION USE ONLY	
ITD on file <input type="checkbox"/> YES <input type="checkbox"/> NO	
APPROVED _____	DISAPPROVED _____
2) Reject Codes	

Were open hole logs run?	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
Date Last log was run	<u>2/13/2014</u>	
Was CO ₂ encountered?	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no at what depths? _____
Was H ₂ S encountered?	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no at what depths? _____
Were unusual drilling circumstances encountered?	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
If yes, briefly explain below		

Other remarks: UIC PERMIT #: 1704070020, EXCEPTION ORDER #: 665442

WELL WON'T TAKE ON WATER

640 Acres

If more than three drainholes are proposed, attach a separate sheet indicating the necessary information.

Direction must be stated in degrees azimuth. Please note, the horizontal drainhole and its end point must be located within the boundaries of the lease or spacing unit.

Directional surveys are required for all drainholes and directional wells.

640 Acres

BOTTOM HOLE LOCATION FOR DIRECTIONAL HOLE

SEC	TWP	RGE	COUNTY
Spot Location			
1/4	1/4	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			
SEC	TWP	RGE	COUNTY
Spot Location			
1/4	1/4	1/4	1/4
Depth of Deviation		Radius of Turn	Direction
			Total Length
Measured Total Depth		True Vertical Depth	BHL From Lease, Unit, or Property Line:

LATERAL #2			
SEC	TWP	RGE	COUNTY
Spot Location			
1/4	1/4	1/4	1/4
Depth of Deviation		Radius of Turn	Direction
			Total Length
Measured Total Depth		True Vertical Depth	BHL From Lease, Unit, or Property Line:

LATERAL #3			
SEC	TWP	RGE	COUNTY
Spot Location			
1/4	1/4	1/4	1/4
Depth of Deviation		Radius of Turn	Direction
			Total Length
Measured Total Depth		True Vertical Depth	BHL From Lease, Unit, or Property Line: