

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.: 35093250390000

**Completion Report**

Spud Date: January 24, 2017

OTC Prod. Unit No.: 093-218661

Drilling Finished Date: March 21, 2017

1st Prod Date: May 07, 2017

Completion Date: April 26, 2017

**Drill Type: HORIZONTAL HOLE**

Well Name: MARTENS 5-35

Purchaser/Measurer: TALL OAK

Location: MAJOR 2 21N 13W  
N2 NW NW NE  
200 FNL 2310 FEL of 1/4 SEC  
Derrick Elevation: 1350 Ground Elevation: 1333

First Sales Date: 5-3-2017

Operator: RED BLUFF RESOURCES OPERATING LLC 23828

3030 NW EXPRESSWAY STE 650  
OKLAHOMA CITY, OK 73112-5447

Completion Type		Location Exception		Increased Density	
X	Single Zone	Order No		Order No	
	Multiple Zone	656459		656914	
	Commingled				

Casing and Cement								
Type		Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
SURFACE		9.625	40	J-55	1000		380	SURFACE
INTERMEDIATE		7.0	29.0	HCP-110	7815		275	3875

Liner								
Type	Size	Weight	Grade	Length	PSI	SAX	Top Depth	Bottom Depth
LINER	4.5	13.5	P-110	5203	0	465	7711	12914

**Total Depth: 12915**

Packer		Plug	
Depth	Brand & Type	Depth	Plug Type
There are no Packer records to display.		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
May 09, 2017	OSAGE	207	40	203	981	1960	PUMPING		16/64	

**Completion and Test Data by Producing Formation**

Formation Name: OSAGE

Code: 352OSGE

Class: OIL

**Spacing Orders**

Order No	Unit Size
98734	640

**Perforated Intervals**

From	To
8185	12667

**Acid Volumes**

1500 GAL 15% HCl

**Fracture Treatments**TOTAL FLUID: 379,290  
TOTAL SAND: 9,889,808

Formation	Top
BIG LIME	6444
OSWEGO	6502
CHESTER	6889
MISSISSIPPIAN	7409
OSAGE	7885

Were open hole logs run? Yes

Date last log run: March 17, 2017

Were unusual drilling circumstances encountered? No

Explanation:

**Other Remarks**

OCC: FLE ORDER HAS NOT BEEN ISSUED. WE HAVE ACCEPTED OPERATORS DATA AS SUBMITTED. IRREGULAR SECTION.

**Lateral Holes**

Sec: 35 TWP: 22N RGE: 13W County: MAJOR

N2 NW NW NE

150 FNL 2310 FEL of 1/4 SEC

Depth of Deviation: 8199 Radius of Turn: 610 Direction: 360 Total Length: 4748

Measured Total Depth: 12915 True Vertical Depth: 7821 End Pt. Location From Release, Unit or Property Line: 150

**FOR COMMISSION USE ONLY**

1136615

Status: Accepted

API  
NO. **35 093 25036**  
OTC PROD.  
UNIT NO. **093218506**

(PLEASE TYPE OR USE BLACK INK ONLY)

OKLAHOMA CORPORATION COMMISSION

Oil & Gas Conservation Division

Post Office Box 52000

Oklahoma City, Oklahoma 73152-2000

Rule 165:10-3-25

RECEIVED

MAR 25 2019

OKLAHOMA CORPORATION  
COMMISSION

Form 1002A

Rev. 2009

☒ ORIGINAL  
☐ AMENDED (Reason)

*Redrill new Lateral (see remarks)*  
**Recompletion Meramec**

COMPLETION REPORT

TYPE OF DRILLING OPERATION

☐ STRAIGHT HOLE ☐ DIRECTIONAL HOLE ☒ HORIZONTAL HOLE

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

COUNTY **Major** SEC **35** TWP **22N** RGE **16W**  
LEASE NAME **Three Musketeers** WELL NO. **35-1H**  
NW 1/4 NE 1/4 NW 1/4 NW 1/4 FNL OF 1/4 SEC **165** FWL OF 1/4 SEC **700**  
ELEVATION Derrick FL **23** Ground **1623** Latitude (if known) **36.347196301** Longitude (if known) **-98.886270370**  
OPERATOR NAME **Carrera Energy, LLC** OTC/OCC OPERATOR NO. **23514**  
ADDRESS **901 Missouri**  
CITY **Midland** STATE **Texas** ZIP **79701**

640 Acres


LOCATE WELL

COMPLETION TYPE

☒ SINGLE ZONE  
☐ MULTIPLE ZONE  
Application Date  
☐ COMMINGLED  
Application Date  
LOCATION EXCEPTION  
ORDER NO. **684206 F.O.**  
INCREASED DENSITY  
ORDER NO.

CASING & CEMENT (Form 1002C must be attached)

TYPE	SIZE	WEIGHT	GRADE	FEET	PSI	SAX	TOP OF CMT
CONDUCTOR	16	65	H-40	120			Surf
SURFACE	9.625	36	J-55	1051		370	Surf
INTERMEDIATE							
PRODUCTION	7.0	29	P-110	8790		770	3140 CBL
LINER NEW	4.5	11.6	P-110	7537-13,026		405	7537
						TOTAL DEPTH	13,028

PACKER @ \_\_\_\_\_ BRAND & TYPE \_\_\_\_\_ PLUG @ \_\_\_\_\_ TYPE \_\_\_\_\_ PLUG @ \_\_\_\_\_ TYPE \_\_\_\_\_  
PACKER @ \_\_\_\_\_ BRAND & TYPE \_\_\_\_\_ PLUG @ \_\_\_\_\_ TYPE \_\_\_\_\_ PLUG @ \_\_\_\_\_ TYPE \_\_\_\_\_

COMPLETION & TEST DATA BY PRODUCING FORMATION

FORMATION **Mississippian Meramec** *Mississippi Lime*  
SPACING & SPACING ORDER NUMBER **331329 640 Acres**  
CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc **Oil**  
PERFORATED INTERVALS **12,958-8,713**  
ACID/VOLUME **493 bbls**  
FRACTURE TREATMENT (Fluids/Prop Amounts) **147,637 bbls wtr**  
**4,148,720 lbs 100 msh**  
**4,267,100 lbs 40/70 wht**



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

OR

Oil Allowable (165:10-13-3)

Gas Purchaser/Measurer

First Sales Date

DCP Midstream

9/25/2018

INITIAL TEST DATA

INITIAL TEST DATE	11/15/2018
OIL-BBL/DAY	55
OIL-GRAVITY (API)	28.7
GAS-MCF/DAY	466
GAS-OIL RATIO CU FT/BBL	8,473
WATER-BBL/DAY	1820
PUMPING OR FLOWING	E Submersible Pump
INITIAL SHUT-IN PRESSURE	N/A
CHOKE SIZE	N/A
FLOW TUBING PRESSURE	N/A

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.

*Richard L. Wright*

SIGNATURE

Richard L. Wright

NAME (PRINT OR TYPE)

3/20/2019 432 695 6970

DATE

PHONE NUMBER

901 Missouri

Midland

Texas

79701

ADDRESS

CITY

STATE

ZIP

rwright@carreraenergy.com

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.

LEASE NAME Three Musketeers

WELL NO. 35-1

NAMES OF FORMATIONS	TOP
Cottage Grove	6,433
Oswego	6,921
Red Fork	7,265
Chester	7,451
Meramec	8,288
Miss Osage	8,391

FOR COMMISSION USE ONLY

ITD on file ☐ YES ☐ NO

APPROVED \_\_\_\_\_ DISAPPROVED \_\_\_\_\_

2) Reject Codes \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Were open hole logs run? \_\_\_\_ yes X no

Date Last log was run 11/15/2016

Was CO<sub>2</sub> encountered? \_\_\_\_ yes X no at what depths? \_\_\_\_\_

Was H<sub>2</sub>S encountered? \_\_\_\_ yes X no at what depths? \_\_\_\_\_

Were unusual drilling circumstances encountered? \_\_\_\_ yes X no

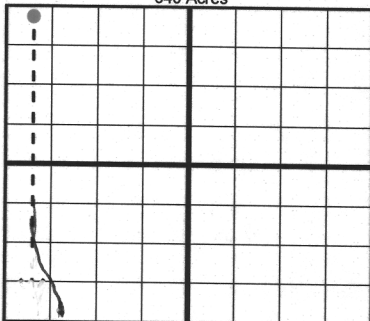
If yes, briefly explain below \_\_\_\_\_

Other remarks:

Osage Lateral proved uneconomic. Carrera set CIBP @ 7,700 above Osage Liner top. Set Whip and cut window 7,671 to 7,679 ft. Built curve and landed in Meramec 708' FNL & 711' FWL of Sec 35. Drilled Meramec Lateral to a total measured depth of 13,028 ft. We ran and cemented a 4-1/2" liner to 13,026 ft. We circulated cement above liner top of 7537 ft. A 20 stage perf / plug completion was performed using 147,637 bbls FW + 493 bbls 15% HCL + 4,148,720 lbs 100 mesh sand + 4,267,100 lbs 40/70 wht sand. Total of 960 perf holes in lateral 48 holes per stage.

Attached: Well Bore Schematic, 4.5" liner 1002C cmt rpt, final directional Surveys, directional plat, Liner Detail

Lateral 1 abandon 640 Acres

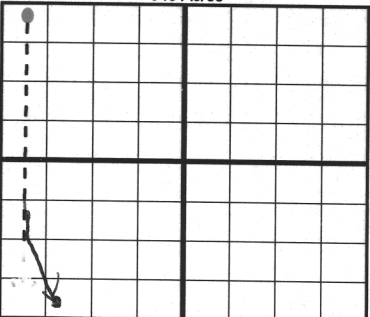


If more than three drainholes are proposed, attach a separate sheet indicating the necessary information.

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.

Lateral 2 Active 640 Acres



BOTTOM HOLE LOCATION FOR DIRECTIONAL HOLE

SEC	TWP	RGE	COUNTY
Spot Location	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 Osage Abandoned with CIBP set 7700 ft

SEC	TWP	RGE	COUNTY
35	22 N	16 W	Major
Spot Location	SE 1/4	SW 1/4	SW 1/4
Depth of Deviation	8,446	Radius of Turn	473 ft
Measured Total Depth	13,709	True Vertical Depth	9,098
Direction	180.26° Az	Total Length	4,913.53
BHL From Lease, Unit, or Property Line:	167 FSL & 696 FWL	Lease/Property	

LATERAL #2 Meramec Completion-ACTIVE

SEC	TWP	RGE	COUNTY
35	22 N	16 W	Major
Spot Location	SE 1/4	SW 1/4	SW 1/4
Depth of Deviation	KOP 7671	Radius of Turn	491
Measured Total Depth	13,028	True Vertical Depth	Avg 8,370.6
Direction	180.30° 174	Total Length	4,916.81 ft
BHL From Lease, Unit, or Property Line:	165' FSL & 696 FWL	(Lease/Section)	

LATERAL #3

SEC	TWP	RGE	COUNTY
Spot Location	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:	



COMPANY Carrera	FIELD Unknown	LEASE Three Musketeers	WELL # 35-1H
COMPANY REP. Jerry Almond	PARISH / COUNTY Major	STATE Oklahoma	DATE: 8/18/2018
SIZE, WT, GRADE, & THREAD		TOP @	BOTTOM @
CASING	7, 29 LB, P-110, LTC	0	7679
LINER 1	4.5, 11.6 LB, P-110, BTC	7,537	13028
LINER 2		0	0
Work String 1	4, 14 LB, S135, VX39	0	6358.06
Work String 2	4, 28.4 LB, S135, VX39	6358.06	7550.66
Work String 3			
Work String 4			

IT	DEPTH	LENGTH	JTS	DESCRIPTION	I.D.	O.D.
8	7537.47	9.37	1	VersaStim Expandable Liner Hanger	4.739	5.882
				<b>**5.25" sealbore ID - 1.65' Ratch Latch TBR**</b>		
7	7546.84	1.55	1	VersaStim Setting Sleeve	4.699	5.886
6	7548.39	1.43	1	X-over - 5.366 HST-DS x 4.5, 11.6 LB, P-110, BTC	4.005	5.870
5	7549.82	5433.08	127	Liner 4.5, 11.6 LB, P-110, BTC	4.000	4.500
4	12982.90	1.21	1	Landing Collar 4.5, 11.6 LB, P-110, BTC	3.895	5.015
3	12984.11	0.93	1	Float Collar 4.5, 11.6 LB, P-110, BTC	3.902	5.005
2	12985.04	40.89	1	Liner 4.5, 11.6 LB, P-110, BTC	4.000	4.500
1	13025.93	2.07	1	Float Shoe 4.5, 11.6 LB, P-110, BTC	3.909	4.996
	13028.00			<b>*** End of Liner Assembly ***</b>		
				Hanger assembly staying in hole	12.35	

BLOCK WGT:	PICK UP WGT:	SLACK OFF WGT:	FORM #:
25000	175	120	
WGT. ON LATCH:	TYPE LATCH:	PERF:	
NA	NA	NA	
SERVICEMAN:	WGT. & TYPE DRILLING FLUID:		
Lloyd Smith	9.4 Water Based		
SERVICE CENTER:	SALES ORDER #:	PAGE	OF
El Reno, OK	905072948	1	1



Image @ 1002A

### 3 Musketeers 35-1H Meramec

SHL: 165 FNL & 700 FWL, Sec 35, T-22-N, R-16-W, Major County, Ok  
BHL: 165 FSL & 696 FWL, Sec 35, T-22-N, R-16-W, Major County, Ok

Elev Gr 1779' KB 22 ft  
API # 35-093 25036  
Wellbore Sketch

TD 8/16/18  
First oil 10/11/18  
gas sales 9/25/18

Rig Release 8/19/18

Started Operation 7/2/2018

Depth (TVD-ft)

500 —

1000 —

1500 —

2000 —

2500 —

3000 —

3500 —

4000 —

4500 —

5000 —

5500 —

6000 —

6500 —

7000 —

7500 —

8000 —

8500 —

9000 —

9500 —

10000 —

12-1/4" Surf hole. 1055 ft  
9-5/8" 36 # J-55 ST&C @  
1051 ft  
Cmt'd w/ 210 sks Extendacem "A" 11.5 ppg 2.79 yield .  
Tailed w/ 160 sks swiftcem "A" 14.8 ppg 1.28 yield. Circ  
38 bbls cmt

Formation Tops:	
COTTAGE GROVE	6,433
OSWEGO	6,921
RED FORK	7,265
CHESTER	7,451
MERAMEC	8,288
Osage-Miss	8,391

#### Meramec Active

##### Directional Summary

KOP ± 7671	
10° curve	
EOC ± 8,652' (86.55°)	
TVD = 8,370.6' avg	
Lateral TD = 13,028 ft	
Shoe @ ± 13,026 ft	
FC @ ± 12,984 ft	
PBTD LC @ 12,983 ft	
VS=4916.81'	
Effective lat 4,245'	

Meramec Closure = 4916.81' 180.30°

#### Osage TA

##### Directional summary

KOP ± 8446	
10° curve	
EOC ± 9392' (89.23°)	
TVD = 9,098 avg	
Lateral TD = 13,709	
Shoe @ ± 13,699	
FC @ ± 13,655	
PBTD LC @ ± 13,609	
VS=4913.5	
Effective lat 4,411'	

Osage Closure = 4913.53' 180.26°

#### Summit ESP Assembly

KB	23	ft
227 jts 2-7/8" 6.5 L-80 EUE 8rd tbg	7430.77	ft
Seal 7356.44	7356.44	ft
Seal	7365.37	ft
Motor 562 series 340 H:/3360V/61A-	7395.37	ft
Sensor	7398.65	ft
2 jts 2-7/8" 6.5 L-80 EUE 8rd tbg	7398.65	ft
Bull Plug	7469.9	ft

#### Totals Osage InActive Abandoned

Total Load	188,512	bbls
Total Acid	2,002	bbls
Total FR	15,597	lbs
Total Slickwater	186,591	bbls
Total Gel	0	lbs
Total L Frac	0	bbls
Total 100 Mesh	1,754,700	lbs
Total 40/70	3,637,200	lbs
Total Pump Down	1,956	bbls
Recover Load	190,468	bbls
Sand lbs/ft	1,248	lbs
Wtr gals/ ft	1,853	gals

#### Totals Meramec Active

Total Load stg	146,038	bbls
Total Acid	493	bbls
Normal FR FDP 1292	2,577	gals
Total Slickwater	114,397	bbls
FDP 1298 HVFR	2,047	gals
High Vis FR	29,720	bbls
Nano Transcend 450	8,843	gals
Total 100 Mesh	4,148,720	lbs
Total 40/70	4,267,100	lbs
FDP 1298 HVFR	2,577	gals
Total Sand	8,418,397	lbs
Total Load + Pmp dn	147,637	bbls
Sand lbs/ft	1,983	lbs
Wtr Gals/Ft	1,461	gals

#### 8-3/4" Hole 8790 ft

7" 29# P-110 LTC @ 8790' (25.64")

Cmt'd w/ 535 sks NeoCem "A" mixed 11 ppg 2.72  
yield. Tailed w/ 235 Sks NeoCem "A" mixed 13 ppg  
1.47 yield. 1280 psi lift. No returns. TOC 3140 FS.  
CBL 11-15-16.

Lnr top 7,537

12958-12798; 12741-12583; 12528-12368; 12313-12153; 12098-11938; 11883-11723; 11668-11508; 11453-11293; 11238-11078; 11021-10863; 10808-10648; 10593-10433; 10378-10218; 10163-10003; 9948-9788; 9733-9573; 9518-9358; 9303-9143; 9088-8928; 8873-8713. (960 holes) 20 stages 7 clusters per stage (48 holes per stg)

whip 7671-7679

CIBP 7700

Lnr top 8,266

4-1/2" 11.6 lb HCP-110 LTC Lnr (7,537-13,026')

Cmt w/ 405 sks "A" NeoCem mixed 13 ppg yield 1.708. Circ 30 bbls cmt off liner top. 98 sks

13,590-13,454; 13,409-13,273; 13,228-13,092; 13,047-12,911; 12,866-12,730; 12,685-12,549; 12,504-12,368; 12,323-12,187; 12,142-12,006; 11,961-11,825; 11,780-11,644; 11,599-11,463; 11,418-11,282; 11,237-11,101; 11,056-10,920; 10,875-10,739; 10,694-10,558; 10,513-10,377; 10,332-10,196; 10,151-10,015; 9,970-9,834; 9,789-9,653; 9,608-9,472; 9,427-9,291. (576 holes) 24 stages 4 clusters per stage (24 holes) per stage

4-1/2" 11.6 lb HCP-110 LTC Lnr (8266'-13,699')

Cmt w/ 420 sks "A" NeoCem mixed 13 ppg yield 1.56. Circ 10  
bbls clean spacer off liner top