

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.: 35153236070000

Completion Report

Spud Date: August 19, 2017

OTC Prod. Unit No.: 153-223125

Drilling Finished Date: October 09, 2017

1st Prod Date: February 12, 2018

Completion Date: January 29, 2018

Drill Type: HORIZONTAL HOLE

Min Gas Allowable: Yes

Well Name: JOHNSON 24 1H

Purchaser/Measurer: RED CLIFF MIDSTREAM

Location: WOODWARD 13 20N 18W
S2 S2 SE SE
185 FSL 660 FEL of 1/4 SEC
Latitude: 36.2026344 Longitude: -99.0640067
Derrick Elevation: 1850 Ground Elevation: 1830

First Sales Date: 02/26/2018

Operator: CORLENA OIL COMPANY 23706

619 S TYLER ST STE 210
AMARILLO, TX 79101-2303

Completion Type		Location Exception		Increased Density	
X	Single Zone	Order No		Order No	
	Multiple Zone	658958		There are no Increased Density records to display.	
	Commingled				

Casing and Cement							
Type	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
CONDUCTOR	20	94	H-40	100			SURFACE
SURFACE	9 5/8	36	J-55	1500	970	600	SURFACE
PRODUCTION	7	26	P-110	9899	2100	455	4420

Liner								
Type	Size	Weight	Grade	Length	PSI	SAX	Top Depth	Bottom Depth
LINER	4 1/2	13.5	P-110	5870	0	0	9800	15670

Total Depth: 15670

Packer		Plug	
Depth	Brand & Type	Depth	Plug Type
9800	BAKER S3HYD	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
Mar 27, 2018	MISSISSIPPIAN	815	42	3446	4228	1926	FLOWING	1570	70	370

Completion and Test Data by Producing Formation

Formation Name: MISSISSIPPIAN		Code: 359MSSP	Class: OIL								
<div>Spacing Orders</div> <table> <tr> <th>Order No</th> <th>Unit Size</th> </tr> <tr> <td>657861</td> <td>640</td> </tr> </table>		Order No	Unit Size	657861	640	<div>Perforated Intervals</div> <table> <tr> <th>From</th> <th>To</th> </tr> <tr> <td colspan="2">There are no Perf. Intervals records to display.</td> </tr> </table>		From	To	There are no Perf. Intervals records to display.	
Order No	Unit Size										
657861	640										
From	To										
There are no Perf. Intervals records to display.											
<div>Acid Volumes</div> <table> <tr> <td>71,800 GALLONS 15% HCL</td> </tr> </table>		71,800 GALLONS 15% HCL	<div>Fracture Treatments</div> <table> <tr> <td>4,159,000 GALLONS SLICKWATER WITH 2,956,000 POUNDS 100 MESH AND 2,319,000 POUNDS 40/70 MESH, 2,919,000 GALLONS LINEAR GEL, 1,077,000 GALLONS 1.5 POUNDS XLINK</td> </tr> </table>		4,159,000 GALLONS SLICKWATER WITH 2,956,000 POUNDS 100 MESH AND 2,319,000 POUNDS 40/70 MESH, 2,919,000 GALLONS LINEAR GEL, 1,077,000 GALLONS 1.5 POUNDS XLINK						
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Formation	Top
MISSISSIPPIAN	8598

Were open hole logs run? Yes
Date last log run: October 07, 2017

Were unusual drilling circumstances encountered? No
Explanation:

Other Remarks

OCC - THIS WELL IS AN OPEN HOLE COMPLETION FROM THE BOTTOM 7" CASING AT 9899' TO TERMINUS AT 15670'. THE 4 1/2" LINER IS NOT CEMENTED. OCC - THIS DOCUMENT IS ACCEPTED BASED ON THE DATA SUBMITTED THE FINAL LOCATION EXCEPTION HAS NOT BEEN ISSUED.

Lateral Holes

Sec: 24 TWP: 20N RGE: 18W County: WOODWARD

SE SW SE SE

280 FSL 717 FEL of 1/4 SEC

Depth of Deviation: 10027 Radius of Turn: 1142 Direction: 182 Total Length: 5217

Measured Total Depth: 15670 True Vertical Depth: 10879 End Pt. Location From Release, Unit or Property Line: 280

FOR COMMISSION USE ONLY

Status: Accepted

1140347

153-23607
API NO. 153-23607
OTC PROD. 153-22325
UNIT NO.

(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

JUL 02 2018

Form 1002A
Rev. 2008

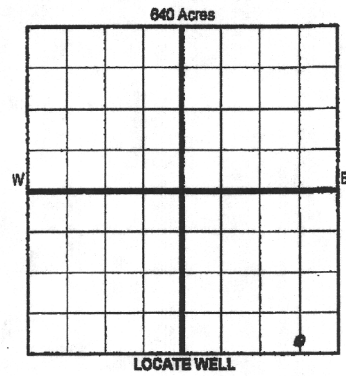
OKLAHOMA CORPORATION COMMISSION

☒ ORIGINAL
☐ AMENDED (Reason)

COMPLETION REPORT

TYPE OF DRILLING OPERATION
☐ STRAIGHT HOLE ☐ DIRECTIONAL HOLE ☒ HORIZONTAL HOLE
SERVICE WELL
If directional or horizontal, see reverse for bottom hole location.

COUNTY	Woodward	SEC	13	TWP	20N	RGE	R18W	SPUD DATE	8/19/17
LEASE NAME	Johnson 24	WELL NO.	1H	DATE OF WELL COMPLETION	1/29/18	1st PROD DATE	2/12/18	DRLG FINISHED DATE	10/9/17
S2 1/4 SE 1/4 SE 1/4 SE 1/4	183	FSL OF 1/4 SEC	183	FWL OF 1/4 SEC	660E	RECOMP DATE			
ELEVATION	1850	Ground	1830	Latitude (if known)	36.2026344	Longitude (if known)	-99.064267		
OPERATOR NAME	Cortena Oil Company			OTC/OCC	OPERATOR NO. 23706				
ADDRESS	619 S. Tyler Ste 210								
CITY	Amarillo			STATE	TX	ZIP	79101		



COMPLETION TYPE

<input checked="" type="checkbox"/> SINGLE ZONE
<input type="checkbox"/> MULTIPLE ZONE
Application Date
COMMINGLED
Application Date
LOCATION EXCEPTION
ORDER NO. 658958 I.O.
INCREASED DENSITY
ORDER NO.

CASING & CEMENT (Form 1002C must be attached)

TYPE	SIZE	WEIGHT	GRADE	FEET	PSI	SAX	TOP OF CMT
CONDUCTOR	20"	94	H-40	100'			Surface
SURFACE	9 5/8"	36	J-55	1500'	970	600	Surface
INTERMEDIATE	7"	26	R110	9899	2100	455	4420
PRODUCTION	5"	20	R110	9800	1650	600	NONE
LINER	4 1/2"	13.5	R110	9800-15670			9800
						TOTAL DEPTH	15670

PACKER @ 9800 BRAND & TYPE Baker S3HVD PLUG @ TYPE PLUG @ TYPE
PACKER @ BRAND & TYPE PLUG @ TYPE PLUG @ TYPE

COMPLETION & TEST DATA BY PRODUCING FORMATION

FORMATION	Mississippian						Reported to Free Flow
SPACING & SPACING	6 1/2 ac. 657861						
ORDER NUMBER	Oil per GOR						
CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc	10780-15674						
PERFORATED INTERVALS	open hole						
ACID/VOLUME	71,800 gal						
	15% HCL						
FRACTURE TREATMENT (Fluids/Prop Amounts)	4,159,000 gal of Slickwater w/ 2956 gal #100 mesh + 2319,000 #2919,000 gal of Linear Gel 40/70 mesh						
	1,077,000 gal of 1.5" x link						

☒ Min Gas Allowable (165:10-17-7) OR ☐ Oil Allowable (165:10-13-3)
Gas Purchaser/Messurer Red Cliff Midstream
First Sales Date 2/26/18

INITIAL TEST DATA

INITIAL TEST DATE	3/27/18					
OIL-BBL/DAY	815					
OIL-GRAVITY (API)	42					
GAS-MCF/DAY	3446					
GAS-OIL RATIO CU FT/BBL	4228					
WATER-BBL/DAY	1926					
PUMPING OR FLOWING	Flowing					
INITIAL SHUT-IN PRESSURE	1570					
CHOKE SIZE	70					
FLOW TUBING PRESSURE	370					

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.

Robert Michelotti Robert Michelotti 6-26-18 (906) 872-5044
SIGNATURE NAME (PRINT OR TYPE) DATE PHONE NUMBER
619 S. Tyler Ste 210 Amarillo TX 79101 rob@cordena.com
ADDRESS CITY STATE 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.

LEASE NAME Johnson 24

WELL NO. 1H

NAMES OF FORMATIONS	TOP
Mississippian	8598 TVD
S. Carbonate	

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?	<u>X</u> yes <u> </u> no
Date Last log was run	<u>10/7/17</u>
Was CO ₂ encountered?	<u> </u> yes <u>X</u> no at what depths? <u> </u>
Was H ₂ S encountered?	<u> </u> yes <u>X</u> no at what depths? <u> </u>
Were unusual drilling circumstances encountered?	<u> </u> yes <u>X</u> no
If yes, briefly explain below	

Other remarks: OCC - This well is an open hole completion from bottom of the 7" casing at 9899' to terminus at 15670.

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
24	20N	18W	Woodward
Spot Location			
1/4	1/4	1/4	1/4
Measured Total Depth		True Vertical Depth	BHL From Lease, Unit, or Property Line:
15670			

BOTTOM HOLE LOCATION FOR HORIZONTAL HOLE: (LATERALS)

LATERAL #1			
SEC	TWP	RGE	COUNTY
24	20N	18W	Woodward
Spot Location			
SE 1/4 SW 1/4 SE 1/4 SE 1/4	Feet From 1/4 Sec Lines		
FSL 280			FWL 717 FSL
Depth of Deviation 10027	Radius of Turn 1142	Direction 182	Total Length 5217
Measured Total Depth 15670	True Vertical Depth 10879	BHL From Lease, Unit, or Property Line: 280 FSL	

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:	