

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.: 35011236410002

Completion Report

Spud Date: August 29, 2016

OTC Prod. Unit No.: 011-218088-0-0000

Drilling Finished Date: October 18, 2016

1st Prod Date: November 19, 2016

Amended

Completion Date: November 19, 2016

Amend Reason: RECOMPLETE TO MORROW SAND; PLUG OFF MISSISSIPPIAN;
CORRECT PUN

Recomplete Date: August 30, 2019

Drill Type: HORIZONTAL HOLE

Min Gas Allowable: Yes

Well Name: HAIGLER 1-4H

Purchaser/Measurer: ONEOK

Location: BLAINE 4 17N 12W
SW SE SE SE
245 FSL 380 FEL of 1/4 SEC
Latitude: 35.971980556 Longitude: -98.477622222
Derrick Elevation: 1639 Ground Elevation: 1619

First Sales Date: 09/01/2019

Operator: COUNCIL OAK RESOURCES LLC 23853

1 W 3RD ST STE 1000
TULSA, OK 74103-3500

Completion Type		Location Exception		Increased Density	
X	Single Zone	Order No		Order No	
	Multiple Zone	709603		There are no Increased Density records to display.	
	Commingled				

Casing and Cement							
Type	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
CONDUCTOR	20	180	K-55	105			
SURFACE	13 3/8	54.5	J-55	996		725	SURFACE
INTERMEDIATE	9 5/8	40	P-110	8542		655	2590
PRODUCTION	5 1/2	20	P-110	14435		1630	8640

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

Total Depth: 14445

Packer		Plug	
Depth	Brand & Type	Depth	Plug Type
There are no Packer records to display.		8800	CIBP

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
Oct 18, 2019	MORROW SAND	246	58	6499	26419	2	FLOWING	3798	24/64	2212

Completion and Test Data by Producing Formation

Formation Name: MORROW SAND

Code: 402MWSD

Class: GAS

Spacing Orders

Order No	Unit Size
63396	640

Perforated Intervals

From	To
8718	8748

Acid Volumes

NONE

Fracture Treatments

NONE

Formation	Top
ATOKA	8605
MORROW	8640
CHESTER	8862
MISSISSIPPIAN	9777

Were open hole logs run? Yes

Date last log run: September 17, 2016

Were unusual drilling circumstances encountered? Yes

Explanation: INITIAL LATERAL DRILLED TO A MEASURED DEPTH OF 14,441', STUCK DRILL STRING, UNABLE TO WORK FREE, TAG UP AT 13,397'. SIDE TRACK FISH FROM 12,142' TO 14,445' MD

Other Remarks

OPERATOR - MORROW RECOMPLETION 08/30/2019 - SET 5 1/2" CIBP @ 8800', DUMPED 1 SK CEMENT ON TOP, PERF'D 8,718-8,748', NO ACID OR FRAC

Lateral Holes

Sec: 4 TWP: 17N RGE: 12W County: BLAINE

NW NE NE NE

77 FNL 498 FEL of 1/4 SEC

Depth of Deviation: 9204 Radius of Turn: 659 Direction: 360 Total Length: 4343

Measured Total Depth: 14445 True Vertical Depth: 9768 End Pt. Location From Release, Unit or Property Line: 77

FOR COMMISSION USE ONLY

1144461

Status: Accepted

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

Form 1002A

1002A
Addendum

API No.: 05011236410002

Completion Report

Spud Date: August 29, 2016

OTC Prod. Unit No.: 011-218088-0-0000

Drilling Finished Date: October 18, 2016

1st Prod Date: November 19, 2016

Amended

Completion Date: November 19, 2016

Amend Reason: RECOMPLETE TO MORROW SAND; PLUG OFF MISSISSIPPIAN;
CORRECT PUN

Recomplete Date: August 30, 2019

Drill Type: HORIZONTAL HOLE

Min Gas Allowable: Yes

Well Name: HAIGLER 1-4H

Purchaser/Measurer: ONEOK

Location: BLAINE 4 17N 12W
SW SE SE SE
245 FSL 380 FEL of 1/4 SEC
Latitude: 35.971980556 Longitude: -98.477622222
Derrick Elevation: 1639 Ground Elevation: 1619

First Sales Date: 09/01/2019

Operator: COUNCIL OAK RESOURCES LLC 23853

1 W 3RD ST STE 1000
TULSA, OK 74103-3500

A: 218088

I

Completion Type	
X	Single Zone
	Multiple Zone
	Commingled

Location Exception
Order No
709603

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

Casing and Cement							
Type	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
CONDUCTOR	20	180	K-55	105			
SURFACE	13 3/8	54.5	J-55	996		725	SURFACE
INTERMEDIATE	9 5/8	40	P-110	8542		655	2590
PRODUCTION	5 1/2	20	P-110	14435		1630	8640

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

Total Depth: 14445

Packer	
Depth	Brand & Type
There are no Packer records to display.	

Plug	
Depth	Plug Type
8800	CIBP

Initial Test Data

April 29, 2020

1 of 2

62 10/18/19

402 MWSD

3798 psi

22

*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
Oct 18, 2019	MORROW SAND	246	58	6499	26419	2	FLOWING	3798	24/64	2212

Completion and Test Data by Producing Formation

Formation Name: MORROW SAND

Code: 402MWSD

Class: GAS

Spacing Orders

Order No	Unit Size
63396	640

Perforated Intervals

From	To
8718	8748

Acid Volumes

NONE

Fracture Treatments

NONE

Formation	Top
ATOKA	8605
MORROW	8640
CHESTER	8862
MISSISSIPPIAN	9777

Were open hole logs run? Yes

Date last log run: September 17, 2016

Were unusual drilling circumstances encountered? Yes

Explanation: INITIAL LATERAL DRILLED TO A MEASURED DEPTH OF 14,441', STUCK DRILL STRING, UNABLE TO WORK FREE, TAG UP AT 13,397'. SIDE TRACK FISH FROM 12,142' TO 14,445' MD

Other Remarks

OPERATOR - MORROW RECOMPLETION 08/30/2019 - SET 5 1/2" CIBP @ 8800', DUMPED 1 SK CEMENT ON TOP, PERF'D 8,718-8,748', NO ACID OR FRAC

Lateral Holes

Sec: 4 TWP: 17N RGE: 12W County: BLAINE

NW NE NE NE

77 FNL 498 FEL of 1/4 SEC

Depth of Deviation: 9204 Radius of Turn: 659 Direction: 360 Total Length: 4343

Measured Total Depth: 14445 True Vertical Depth: 9768 End Pt. Location From Release, Unit or Property Line: 77

FOR COMMISSION USE ONLY

1144461

Status: Accepted