

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.: 35011236410000

Completion Report

Spud Date: August 29, 2016

OTC Prod. Unit No.: 011-218388

Drilling Finished Date: October 18, 2016

1st Prod Date: November 19, 2016

Completion Date: November 19, 2016

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: 35.971653 Longitude: -98.476814
Derrick Elevation: 0 Ground Elevation: 1619

First Sales Date: 11/21/2016

Operator: COUNCIL OAK RESOURCES LLC 23853

6120 S YALE AVE STE 1200
TULSA, OK 74136-4241

Completion Type		Location Exception		Increased Density	
X	Single Zone	Order No		Order No	
	Multiple Zone	655217		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	
Depth	Brand & Type
There are no Packer records to display.	

Plug	
Depth	Plug Type
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
Dec 03, 2016	MISSISSIPPIAN	396	46.9	3261	8235	1875	FLOWING	3020	32/64	1850

Completion and Test Data by Producing Formation

Formation Name: MISSISSIPPIAN

Code: 359MSSP

Class: OIL

Spacing Orders

Order No	Unit Size
654667	640

Perforated Intervals

From	To
10024	14224

Acid Volumes

4,000 GALLONS 15% HCL

Fracture Treatments

263,250 BARRELS, 10,275,080 POUNDS PROPPANT

Formation	Top
ATOKA	7595
MORROW	8640
CHESTER	8862
MISSISSIPPIAN	9777

Were open hole logs run? Yes

Date last log run: September 17, 2016

Were unusual drilling circumstances encountered? No

Explanation:

Other Remarks

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. OCC - THIS DOCUMENT IS ACCEPTED BASED ON THE DATA SUBMITTED THE FINAL LOCATION EXCEPTION HAS NOT BEEN SUBMITTED.

Lateral Holes

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

NW NE NE NE

70 FNL 464 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: 70

FOR COMMISSION USE ONLY

1135624

Status: Accepted

 SIGNATURE		Joseph A. Awmy NAME (PRINT OR TYPE)		12/19/2016 DATE	918-513-0900 PHONE NUMBER
6120 S Yale Ave #1200 ADDRESS	Tulsa CITY	OK STATE	74136 ZIP	joea@counciloak.net EMAIL ADDRESS	

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
Atoka	8,605
Morrow	8,640
Chester	8,862
Mississippian	9,777

Were open hole logs run?	<u> X </u> yes	<u> </u> no
Date Last log was run	<u> 9/17/2016 </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:	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	

A blank coordinate grid with x and y axes. The grid is 10 units wide and 10 units high. The x-axis is labeled 'x' at the top right, and the y-axis is labeled 'y' at the top left. The grid lines are spaced at 1-unit intervals.

SEC	TWP	RGE	COUNTY
Spot Location			
1/4	1/4	1/4	1/4
Measured Total Depth		True Vertical Depth	Feet From 1/4 Sec Lines
			FSL
		FWL	
		BHL From Lease, Unit, or Property Line:	

LATERAL #1									
SEC	04	TWP	17N	RGE	12W	COUNTY Blaine			
Spot Location						Feet From 1/4 Sec Lines		FSL	FWL
NW 1/4		NE 1/4		NE 1/4		NE 1/4		260'	467'
Depth of Deviation				Radius of Turn		Direction		Total Length	
9,204'				659'		0 deg		4,343'	
Measured Total Depth				True Vertical Depth		BHL From Lease, Unit, or Property Line:			
14,445'				9,768'		70' FNL, 464' FEL of Section 04			

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

SEC	TWP	RGE	COUNTY			
Spot Location				Feet From 1/4 Sec Lines	FSL	FWL
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:			

COR Well Location Plat

Sec. 4-17N-12W I.M.

Operator COUNCIL OAKS RESOURCES

Lease Name and No HAIGLER #1-4H

Footage 245 FSL - 380' FEL GR. ELEVATION 1619 Good Site? YES

Section 4 Township 17N Range 12W I.M

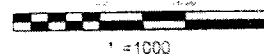
County Blaine State of Oklahoma

Alternate Loc N/A

Terrain at Loc Location fell in a flat grassy pasture

Accessibility From the East

Directions From the junction of State Highway 51A and State Highway 8. North of the town of Watonga OK go 8.0 miles North-Northwest on State Highway 51A to the Southeast Corner of Section 4-17N-12W



X 1827585
Y 358966
X 1859188
Y 358941

GPS DATUM

NAD - 83

OK NORTH ZONE

GPS DATUM

NAD - 27

OK NORTH ZONE

Surface Hole Loc

Lat 35°58'19.13"N

Lon 98°28'39.44"W

X 1827171

Y 354165

Surface Hole Loc

Lat 35°58'18.99"N

Lon 98°28'38.16"W

X 1858773

Y 354141

Bottom Hole Loc

Lat 35°59'05.02"N

Lon 98°28'38.70"W

X 1827255

Y 358805

Bottom Hole Loc

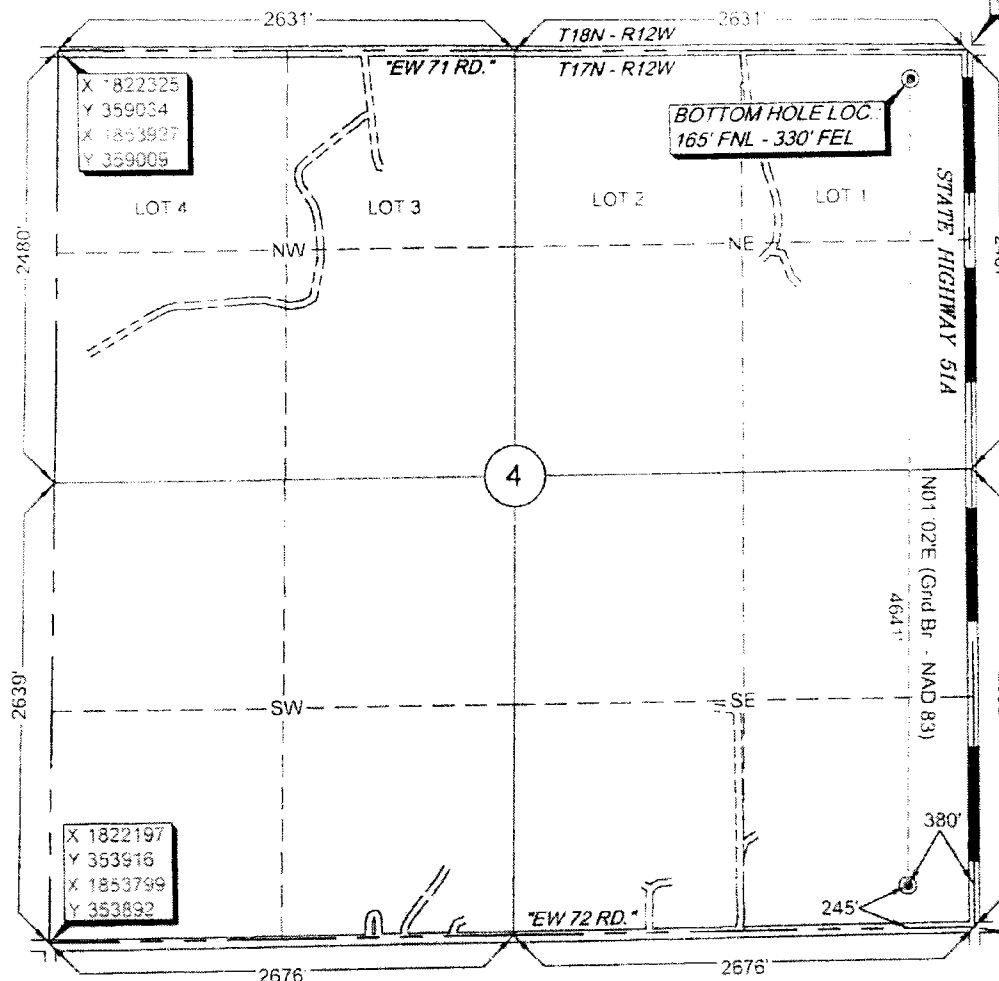
Lat 35°59'04.89"N

Lon 98°28'37.41"W

X 1858857

Y 358780

X 1827550
Y 353920
X 1859151
Y 353896



Plat was prepared by the undersigned and is based on the best available information. The undersigned is not responsible for the accuracy of the information provided by others. The undersigned is not responsible for the accuracy of the information provided by others. The undersigned is not responsible for the accuracy of the information provided by others.

Quarter Section 4, Township 17N, Range 12W, Blaine County, Oklahoma. The undersigned is not responsible for the accuracy of the information provided by others. The undersigned is not responsible for the accuracy of the information provided by others. The undersigned is not responsible for the accuracy of the information provided by others.

NO. 102E (Grid Br. - NAD 83) 464' 2638' 245' 380' 2676' 2676' 2639' 2480' 2631' 2631'

survey and plat by
Arkoma Surveying and Mapping, PLLC

P.O. Box 238 Wilburton, OK 74578

Ph. 918-465-5711 Fax 918-465-5030

Certificate of Authorization No. 5348

Expires June 30, 2018

Invoice #6433

Date Staked : 06/21/16 By : D.A.

Date Drawn : 06/22/16 By : J.H.

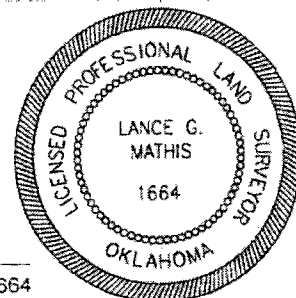
Certification

This is to certify that this Well Location Plat represents the results of a survey made on the ground performed under the supervision of the undersigned.

Lance G. Mathis
LANCE G. MATHIS

06/23/16

OK LPLS 1664



CD 201602204-T