## Oklahoma Corporation Commission Oil & Gas Conservation Division Post Office Box 52000 Oklahoma City, Oklahoma 73152-2000

Rule 165: 10-3-25

API No.: 35109223600002 **Completion Report** Spud Date: September 15, 2011

OTC Prod. Unit No.: Drilling Finished Date: October 03, 2011

1st Prod Date: February 26, 2012

Completion Date: February 24, 2012 Amend Reason: RECOMPLETE

Recomplete Date: June 25, 2020

Drill Type: **DIRECTIONAL HOLE** 

Min Gas Allowable: Yes

Well Name: ARROWHEAD 20-1 Purchaser/Measurer: SUPERIOR PIPELINE

OKLAHOMA 20 14N 4W SW SW SW NE 150 FSL 135 FWL of 1/4 SEC

Amended

Location:

**Completion Type** 

Single Zone Multiple Zone Commingled

Latitude: 35.6750122 Longitude: -97.6462046 Derrick Elevation: 0 Ground Elevation: 0

Operator: REVOLUTION RESOURCES LLC 24162

> 14301 CALIBER DR STE 110 **OKLAHOMA CITY, OK 73134-1016**

Location Exception
Order No
There are no Location Exception records to display.

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

First Sales Date: 06/30/2020

Casing and Cement									
Туре	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT		
SURFACE	8 5/8	24	J-55	750		400	SURFACE		
PRODUCTION	5 1/2	17	L-80	7400		295	4450		

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

Total Depth: 7400

Pac	cker
Depth	Brand & Type
There are no Packe	er records to display.

Plug						
Depth	Plug Type					
6670	CIBP					
6747	CIBP					
6910	CIBP					

Initial	Test	Data

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	Format	ion	Oil BBL/Day	Oil-Grav (API)		Gas-Oil Ratio Cu FT/BBL	Water BBL/Day	Pumpin or Flowing	Initial Shut- In Pressure	Choke Size	Flow Tubing
Jul 14, 2020	BARTLES	SVILLE	1	40	20	20000	20	PUMPING			
Jul 26, 2020	PRUE-OS	WEGO	1	40	25	25000	20	PUMPING			
Sep 11, 2020	OSWE	:GO	0.5	40	10	20000	10	PUMPING			
			Cor	npletion	and Test Data b	y Producing F	ormation				
	Formation N	ame: BARTI	LESVILLE		Code: 40-	4BRVL	С	lass: DRY			
	Spacing	Orders				Perforated I	ntervals				
Orde	r No	U	nit Size		From	n	1	о			
NO	NE				6824		68	42			
	Acid Vo	olumes		$\neg$ $\Gamma$		Fracture Tre	atments		7		
7,182 GA	LLONS ACID,	167 BARRE	LS WATER			NONE					
	Spacing	•				Perforated I					
Orde	r No	Ui	nit Size		From	ı	1	ю			
NO	NE				6690		66	92			
	Acid Vo	olumes		一 i		Fracture Tre	atments		7		
7,182 GA	Acid Vo LLONS ACID, TION ON BOTH PERFOR	167 BARREI I PRUE ANI				Fracture Tre					
7,182 GA	LLONS ACID,	167 BARREI H PRUE ANI ATIONS	O OSWEGO		Code: 40-	NONE	<b>=</b>	lass: GAS			
7,182 GA	LLONS ACID, TION ON BOTH PERFOR	167 BARREI H PRUE AND ATIONS Jame: OSWE	O OSWEGO		Code: 40-	NONE	C	lass: GAS	]		
7,182 GA	LLONS ACID, TION ON BOTH PERFOR Formation N	167 BARREI H PRUE AND LATIONS Lame: OSWE	O OSWEGO		Code: 40-	NONE 4OSWG Perforated II	C	lass: GAS			
7,182 GA STIMULA	LLONS ACID, TION ON BOTH PERFOR  Formation N  Spacing r No	167 BARREI H PRUE AND LATIONS Lame: OSWE	O OSWEGO			NONE 4OSWG Perforated II	C ntervals				
7,182 GA STIMULA <sup>*</sup> Orde	LLONS ACID, TION ON BOTH PERFOR  Formation N  Spacing r No	167 BARREI H PRUE AND ATIONS Jame: OSWE	O OSWEGO		From	NONE 4OSWG Perforated II	Contervals	o			

Formation	Тор
OSWEGO	6600
PRUE	6686
BARTLESVILLE	6822
WOODFORD	6924
HUNTON	6958

Formation Name: PRUE - OSWEGO

Were open hole logs run? Yes Date last log run: October 01, 2011

Were unusual drilling circumstances encountered? No Explanation:

Class: GAS

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Code:

#### Other Remarks

SET CIBP AT 6,910' AND PLUG BACK HUNTON. PERFORATE / STIMULATE BARTLESVILLE AND TEST. SET CIBP AT 6,750' AND PLUG BACK BARTLESVILLE. PERFORATE / STIMULATE / PRODUCE PRUE AND OSWEGO. SET CIBP AT 6,670' AND PLUG BACK PRUE. ACIDIZE OSWEGO. PUT ON PRODUCTION.

### **Bottom Holes**

Sec: 20 TWP: 14N RGE: 4W County: OKLAHOMA

SE SW NW SE

1324 FSL 367 FWL of 1/4 SEC

Depth of Deviation: 0 Radius of Turn: 0 Direction: 0 Total Length: 0

Measured Total Depth: 7400 True Vertical Depth: 7200 End Pt. Location From Release, Unit or Property Line: 1324

## FOR COMMISSION USE ONLY

1145595

Status: Accepted

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Form 1002A

Rev. 2009

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.									
1 1 1	J	USTIN LU	NDQUIST		9/15/2020	405-256-4393			
SIGNATURE V		NAME (PRINT OR TYPE)				PHONE NUMBER			
14301 Caliber Dr. Suite 110	Oklahoma City	OK	73134	Justin!	@revolutionreso	urces.com			
ADDRESS	CITY	STATE	ZiP		EMAIL ADDRESS				

FLOW TUBING PRESSURE

# 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	ТОР
OSWEGO	6600'
PRUE	6686'
BARTLESVILLE	6822'
WOODFORD	6924'
HUNTON	6958'

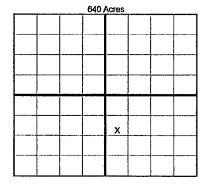
LEASE NAME	AF	RROWHEAD	WELL NO.	20-1
ITD on file APPROVED	YES DISAPPRO	FOR COMMISSION NO VED 2) Reject Code		
Were open hole Date Last log was Was CO <sub>2</sub> encou Was H <sub>2</sub> S encou Were unusual di If yes, briefly exp	as run untered? intered?	yes X no at	PC(. UN (giria) what depths? what depths? yes	( no

Other remarks:

SET CIBP AT 6910' AND PLUG BACK HUNTON. PERFORATE/STIMULATE BARTLESVILLE AND TEST. SET CIBP AT 6750'

AND PLUG BACK BARTLESVILLE. PERFORATE/STIMULATE/PRODUCE PRUE & OSWEGO. SET CIBP AT 6,670' AND PLUG BACK

PRUE. ACIDIZE OSWEGO. PUT ON PRODUCTION.



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

Direction must be stated in degrees szimuth. 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	 	
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## BOTTOM HOLE LOCATION FOR DIRECTIONAL HOLE

SEC	20	TWP	14N	RGE	04V	/	COUNTY		C	KLAH	OMA		
Spot S	Locat E	ion 1/4	SW	1/4	NW	1/4	SE	1/4	Feet From 1/4 Sec Lines	FSL	1324'	FWL.	367'
Meas	ured	Total Dep	th		True Vertic	cal De	pth		BHL From Lease, Unit, or Pro	operty Line	e:		
		740	יס			72	00'			132	4'		

#### **BOTTOM HOLE LOCATION FOR HORIZONTAL HOLE: (LATERALS)**

SEC	TWP	RGE		COUNTY			
Spot Loc	cation	- I			Foot From 1/4 Sec Lines	FSL	FWL
	1/4	1/4	1/4	1/4	Feet From 1/4 Sec Lines	) OL	, **L
Depth of	f		Radius of Turn		Direction	Total	
Deviation	n					Length	
Measure	ed Total Depth		True Vertical De	pth	BHL From Lease, Unit, or Pro	operty Line:	

SEC	TWP	RGE		COUNTY			
Spot Loc	cation 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	<del></del>
Measure	ed Total Depth		True Vertical De	plh	BHL From Lease, Unit, or Pr	operty Line:	

SEC	TWP	RGE		COUNTY			
Spot Loc	ation 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		pth	BHL From Lease, Unit, or Pro	operly Line:			