

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.: 35127200670001

Completion Report

Spud Date: June 30, 2006

OTC Prod. Unit No.:

Drilling Finished Date: August 10, 2006

Amended

1st Prod Date: August 29, 2006

Amend Reason: ADD ADDITIONAL PERFORATIONS

Completion Date: August 29, 2006

Recomplete Date: December 04, 2017

Drill Type: DIRECTIONAL HOLE

Well Name: BARBEE 4-1

Purchaser/Measurer:

Location: PUSHMATAHA 1 2N 19E
 NE NW NW SE
 2470 FSL 616 FWL of 1/4 SEC
 Latitude: 34.67333 Longitude: -95.25916
 Derrick Elevation: 902 Ground Elevation: 875

First Sales Date:

Operator: VANGUARD OPERATING LLC 23638

5847 SAN FELIPE ST STE 3000
 HOUSTON, TX 77057-3399

Completion Type	
X	Single Zone
	Multiple Zone
	Commingled

Location Exception	
Order No	
530212	

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	16"	94#	LP	65			SURFACE
SURFACE	9-5/8	40#	P110	1627		525	SURFACE
INTERMEDIATE	7"	23#	P110	3976		225	2322
PRODUCTION	4-1/2"	11.6#	P110	6355		310	3850

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

Total Depth: 6361

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 23, 2017	JACKFORK SERIES (SUBTHRUSTED)			58			FLOWING	480		
Aug 21, 2006	JACKFORK SERIES (SUBTHRUSTED)			3800		24	FLOW	2000	5/8"	385
Aug 29, 2006	JACKFORK SERIES (SUBTHRUSTED)			3533		174	FLOWING		5/8	390

Completion and Test Data by Producing Formation

Formation Name: JACKFORK SERIES (SUBTHRUSTED)

Code: 354JFKSB

Class: GAS

Spacing Orders

Order No	Unit Size
437389	640

Perforated Intervals

From	To
6220	6224
6102	6104
5956	5960

Acid Volumes

NO

Fracture Treatments

YES FOAM FRAC

Formation Name: JACKFORK SERIES (SUBTHRUSTED)

Code: 354JFKSB

Class: GAS

Spacing Orders

Order No	Unit Size
437389	640

Perforated Intervals

From	To
5530	5532
5452	5458

Acid Volumes

NO

Fracture Treatments

YES

Formation Name: JACKFORK SERIES (SUBTHRUSTED)

Code: 354JFKSB

Class: GAS

Spacing Orders

Order No	Unit Size
437389	640

Perforated Intervals

From	To
4568	4578
4714	4724

Acid Volumes

NO

Fracture Treatments

YES FRAC W/ 103,221# 16/30 SD
1,333,000 SCF N2 65Q

Formation	Top
MISS MTN	0
POLK CREEK	480
BIG FORK	590

Were open hole logs run? Yes

Date last log run: August 10, 2006

Were unusual drilling circumstances encountered? No

Explanation:

WOMBLE	1110
WSF/JOHNS VALLEY	3674
JACKFORK SHALE	3708
JACKFORK SS	4222

Other Remarks
There are no Other Remarks.

Bottom Holes
<p>Sec: 1 TWP: 2N RGE: 19E County: PUSHMATAHA</p> <p>SE NW SE SE</p> <p>834 FSL 882 FEL of 1/4 SEC</p> <p>Depth of Deviation: 0 Radius of Turn: 0 Direction: 0 Total Length: 0</p> <p>Measured Total Depth: 6361 True Vertical Depth: 5877 End Pt. Location From Release, Unit or Property Line: 834</p>

FOR COMMISSION USE ONLY	
Status: Accepted	1138391

3/1/18

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

Form 1002A

1016EZ

API No.: 127200670001

Completion Report

Spud Date: June 30, 2006

OTC Prod. Unit No.: 127-117762

Drilling Finished Date: August 10, 2006

Amended

A: 105259 S

1st Prod Date: August 29, 2006

Amend Reason: ADD ADDITIONAL PERFORATIONS

Completion Date: August 29, 2006

Recomplete Date: December 04, 2017

Drill Type: DIRECTIONAL HOLE

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Initial Test Data

February 08, 2018

12/23/17

357 JFKSB

480

1 of 3

EZ

JR