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

API No.: 35009218060000

OTC Prod. Unit No.: 009-205388

## **Completion Report**

Spud Date: March 12, 2011

Drilling Finished Date: May 01, 2011

1st Prod Date: June 26, 2011

Completion Date: June 26, 2011

Min Gas Allowable: Yes

Purchaser/Measurer: MARKWEST WESTERN OKLA First Sales Date: 06/26/2011

Drill Type: HORIZONTAL HOLE

Well Name: THETFORD 5-23H

Location: BECKHAM 23 11N 23W NE NE NE NE 300 FNL 300 FEL of 1/4 SEC Derrick Elevation: 0 Ground Elevation: 2056

Operator: APACHE CORPORATION 6778

6120 S YALE AVE STE 1500 TULSA, OK 74136-4224

Completion Type		Location Exception	Increased Density			
Х	Single Zone	Order No	Order No			
	Multiple Zone	591021	583080			
	Commingled	597256				

Casing and Cement										
т	Туре		Size	Weight	Grade	Grade Feet			SAX	Top of CMT
SURFACE INTERMEDIATE		13 3/8	48 H40		73	30		800	SURFACE	
		9 5/8	40	J55	5310		1630		SURFACE	
INTER	INTERMEDIATE		7	29	P110	111	152		400	10950
PRODUCTION		4 1/2	13.5	HCP110	157	15734		680		
Liner										
Туре	ype Size Weight Grade		Length	PSI	SAX	Тор	Depth	Bottom Depth		
There are no Liner records to display.										

## Total Depth: 15734

Pac	ker	Plug				
Depth	Depth Brand & Type		Plug Type			
There are no Packe	r records to display.	There are no Plug records to display.				

				Initial Tes	t 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		
Jul 11, 2011	HOGSHOOTER	889	47.1	4592	5165	202	FLOWING		48/64	660		
		Cor	npletion and	Test Data k	by Producing F	ormation						
	Formation Name: HOGS	SHOOTER		Code: 40	5HGSR	С	lass: OIL					
	Spacing Orders			Perforated Intervals								
Order No Unit Size				From			Го					
258521 640				11820		15621						
	Acid Volumes			Fracture Treatments								
	185 BBL HCL			10-STAGE FRAC: 1,375,833# PROP								
Formation				Were open hole logs run? No								
HEEBNER					Date last log run:							
TONKAWA			10020 Were unusual drilling circumstances encount				untered? No					
COTTAGE GROVE			10688 Explanation:									
Other Remarks												
There are no Ot	iner remarks.											
				Lateral H								
				Laterarr	loies							

N2 S2 SE SE

406 FSL 654 FEL of 1/4 SEC

Depth of Deviation: 10560 Radius of Turn: 573 Direction: 182 Total Length: 4594

Measured Total Depth: 15734 True Vertical Depth: 11308 End Pt. Location From Release, Unit or Property Line: 406

## FOR COMMISSION USE ONLY

Status: Accepted

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