

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.: 35129239240000

Completion Report

Spud Date: March 05, 2014

OTC Prod. Unit No.: 129-213008

Drilling Finished Date: April 03, 2014

1st Prod Date: April 16, 2014

Completion Date: April 16, 2014

Drill Type: HORIZONTAL HOLE

Min Gas Allowable: Yes

Well Name: SWITZER 21-16-22 4H

Purchaser/Measurer: MARKWEST OKLA GAS CO
LLC

First Sales Date: 4/16/2014

Location: ROGER MILLS 21 16N 22W
SE SW SE SE
250 FSL 825 FEL of 1/4 SEC
Latitude: 35.78494 Longitude: -97.95572
Derrick Elevation: 0 Ground Elevation: 2157

Operator: APACHE CORPORATION 6778

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

Completion Type	
X	Single Zone
	Multiple Zone
	Commingled

Location Exception	
Order No	
619266	

Increased Density	
Order No	
618694	

Casing and Cement							
Type	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
SURFACE	9 5/8	40	J-55	630		415	SURFACE
INTERMEDIATE	7	26	HCP-110	7372		215	2810
PRODUCTION	4 1/2	11.6	P-110	13093		705	4900

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

Total Depth: 13093

Packer	
Depth	Brand & Type
8344	AS1-X PRODUCTION PACKER

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
Apr 26, 2014	TONKAWA	132	40.8	90	682	343	GAS LIFT	1209	64/64	130

Completion and Test Data by Producing Formation										
Formation Name: TONKAWA			Code: 406TNKW			Class: OIL				
Spacing Orders					Perforated Intervals					
Order No		Unit Size			From			To		
61659		640			9076			12991		
Acid Volumes					Fracture Treatments					
There are no Acid Volume records to display.					10-STAGE FRAC: 1,079,000# TOTAL PROP, 21,149 BBLS TLTR					

Formation	Top
DOUGLAS H	8212
HASKELL	8548
TONKAWA	8636

Were open hole logs run? No

Date last log run:

Were unusual drilling circumstances encountered? No

Explanation:

Other Remarks
OCC: FLE ORDER HAS NOT BEEN ISSUED. WE HAVE ACCEPTED OPERATORS DATA AS SUBMITTED. IRREGULAR SECTION.

Lateral Holes
Sec: 21 TWP: 16N RGE: 22W County: ROGER MILLS
C N2 NW NE
330 FNL 1980 FEL of 1/4 SEC
Depth of Deviation: 7690 Radius of Turn: 573 Direction: 355 Total Length: 4768
Measured Total Depth: 13093 True Vertical Depth: 8555 End Pt. Location From Release, Unit or Property Line: 330

FOR COMMISSION USE ONLY
Status: Accepted
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