

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.: 35073253630001

**Completion Report**

Spud Date: August 17, 2016

OTC Prod. Unit No.: 073218086

Drilling Finished Date: September 24, 2016

1st Prod Date: November 11, 2016

Completion Date: November 07, 2016

**Amended**

Amend Reason: PERFORATION CORRECTION

**Drill Type: HORIZONTAL HOLE**

Well Name: GEIS 31-1H

Purchaser/Measurer: MARKWEST

Location: KINGFISHER 6 17N 8W  
NE NW NE NW  
253 FNL 1742 FWL of 1/4 SEC  
Latitude: 35.984636 Longitude: 98.09723  
Derrick Elevation: 1167 Ground Elevation: 1141

First Sales Date: 11/14/16

Operator: GASTAR EXPLORATION INC 23199

1331 LAMAR STE 650  
HOUSTON, TX 77010-3131

Completion Type		Location Exception		Increased Density	
X	Single Zone	<b>Order No</b>		<b>Order No</b>	
	Multiple Zone	655952		There are no Increased Density records to display.	
	Commingled				

Casing and Cement							
Type	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
SURFACE	9.625	36	J-55	570		215	SURFACE
INTERMEDIATE	7	29	P-110	8593		530	5788

Liner								
Type	Size	Weight	Grade	Length	PSI	SAX	Top Depth	Bottom Depth
LINER	4.5	11.6	P-110	5025	0	510	8479	13504

**Total Depth: 13504**

Packer	
Depth	Brand & Type
8227	WEATHERFORD AS-III

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 15, 2016	MISSISSIPPI (EX CHESTER)	528	41	698	1322	1252	GAS LIFT		64	150

**Completion and Test Data by Producing Formation**

Formation Name: MISSISSIPPI (EX CHESTER)

Code: 359MSNLC

Class: OIL

**Spacing Orders**

Order No	Unit Size
655245	640

**Perforated Intervals**

From	To
8648	13353

**Acid Volumes**

84,110 GALS. 15% FENEHCL
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**Fracture Treatments**

377,405 BBLS SLICKWATER WITH 3.593 MM# 100 MESH & 9.173 MM# 30/50 SAND.
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Formation	Top
BIG LIME/OSWEGO	7002
MANNING	7877
MISSISSIPPI	8191

Were open hole logs run? No

Date last log run:

Were unusual drilling circumstances encountered? No

Explanation:

**Other Remarks**

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

**Lateral Holes**

Sec: 31 TWP: 18N RGE: 8W County: KINGFISHER

NW NE NE NW

39 FNL 2136 FWL of 1/4 SEC

Depth of Deviation: 7576 Radius of Turn: 10 Direction: 5 Total Length: 5513

Measured Total Depth: 13504 True Vertical Depth: 8282 End Pt. Location From Release, Unit or Property Line: 39

**FOR COMMISSION USE ONLY**

1136117

Status: Accepted