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.: 35129240790000

OTC Prod. Unit No.: 12921848100000

Completion Report

Spud Date: January 18, 2017

Drilling Finished Date: February 20, 2017

1st Prod Date: March 21, 2017

Completion Date: March 24, 2017

Drill Type: **HORIZONTAL HOLE**

Min Gas Allowable: Yes

Well Name: HUGHES 1-22H

Purchaser/Measurer: MARKWEST

Location: ROGER MILLS 22 14N 21W
SW SE SE SW
250 FSL 2000 FWL of 1/4 SEC
Derrick Elevation: 1799 Ground Elevation: 1781

First Sales Date: 3/21/17

Operator: JMA ENERGY COMPANY LLC 20475

1021 NW GRAND BLVD
OKLAHOMA CITY, OK 73118-6039

Completion Type	
X	Single Zone
	Multiple Zone
	Commingled

Location Exception
Order No
651326

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
SURFACE	9 5/8	J55	35	1509		760	SURFACE
INTERMEDIATE	7	P110	26	9627		295	6946
PRODUCTION	4 1/2	P110	13.5	14650		555	9880

Liner

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

Total Depth: 14650

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
Mar 24, 2017	CLEVELAND	59		799	13542	2374	FLOWING	3300	22/64	3392

Completion and Test Data by Producing Formation

Formation Name: CLEVELAND Code: 405CLVD Class: OIL

Spacing Orders	
Order No	**Unit Size**
176462	640

Perforated Intervals	
From	**To**
10685	14625

Acid Volumes
506 BBLS 15% HCL

Fracture Treatments
4,875,247 LBS SAND TOTAL PROPPANT & 92,035 BBLS WATER

Formation	Top
LOWER TONKAWA	8660
COTTAGE GROVE	9296
CLEVELAND (B. CHKBD)	10412

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. OCC - RE-PUSH TO SHOW ACID AND WATER USED IN FRACTURE TREATMENT.

Lateral Holes

Sec: 22 TWP: 14N RGE: 21W County: ROGER MILLS

SE NW NE NW

344 FNL 1768 FWL of 1/4 SEC

Depth of Deviation: 9650 Radius of Turn: 1320 Direction: 360 Total Length: 3680

Measured Total Depth: 14650 True Vertical Depth: 10319 End Pt. Location From Release, Unit or Property Line: 344

FOR COMMISSION USE ONLY

1136336

Status: Accepted