

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.: 35043233900001

Completion Report

Spud Date: February 12, 2016

OTC Prod. Unit No.: 4321764000000

Drilling Finished Date: March 15, 2016

1st Prod Date: July 21, 2016

Completion Date: July 21, 2016

Drill Type: HORIZONTAL HOLE

Min Gas Allowable: Yes

Well Name: ROSE HILL 1-31H

Purchaser/Measurer: MARKWEST

Location: DEWEY 31 17N 19W
SE SE SW SW
250 FSL 1200 FWL of 1/4 SEC
Derrick Elevation: 1906 Ground Elevation: 1888

First Sales Date: 7/21/16

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
637271

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	36	J55	1535		770	SURFACE
INTERMEDIATE	7	26	N80	8731		300	2260
PRODUCTION	4 1/2	13.5	P110	13870		630	9540

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

Total Depth: 13870

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
Jul 21, 2016	CLEVELAND	298		2420	8121	3597	FLOWING	1750	32/64	

Completion and Test Data by Producing Formation			
Formation Name: CLEVELAND	Code: 405CLVD	Class: OIL	
Spacing Orders		Perforated Intervals	
Order No	Unit Size	From	To
633117	640	9762	13855
Acid Volumes		Fracture Treatments	
There are no Acid Volume records to display.		3,964,122 TOTAL PROP	

Formation	Top
TONKAWA	7850
COTTAGE GROVE	8472
HOGSHOOTER	8880
CLEVELAND (B. CHKBD)	9297

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: 31 TWP: 17N RGE: 19W County: DEWEY
SE NE NE NW
354 FNL 2318 FWL of 1/4 SEC
Depth of Deviation: 8775 Radius of Turn: 1345 Direction: 360 Total Length: 3750
Measured Total Depth: 13870 True Vertical Depth: 9248 End Pt. Location From Release, Unit or Property Line: 354

FOR COMMISSION USE ONLY
Status: Accepted
1134129

JMA ENERGY COMPANY, L.L.C.

WELL NAME: Rose Hill 1-31H
 OPERATOR: JMA Energy Co.
 LOCATION: Sec. 31-17N-19W
 COUNTY & STATE: Dewey Co., OK
 WI: BTW, ATWI

SPUD DATE: 02/11/16
 COMPLETION DATE:
 1ST SALES DATE: 07/21/16
 API NO: 043 23380
 OTC NO: 043 217640

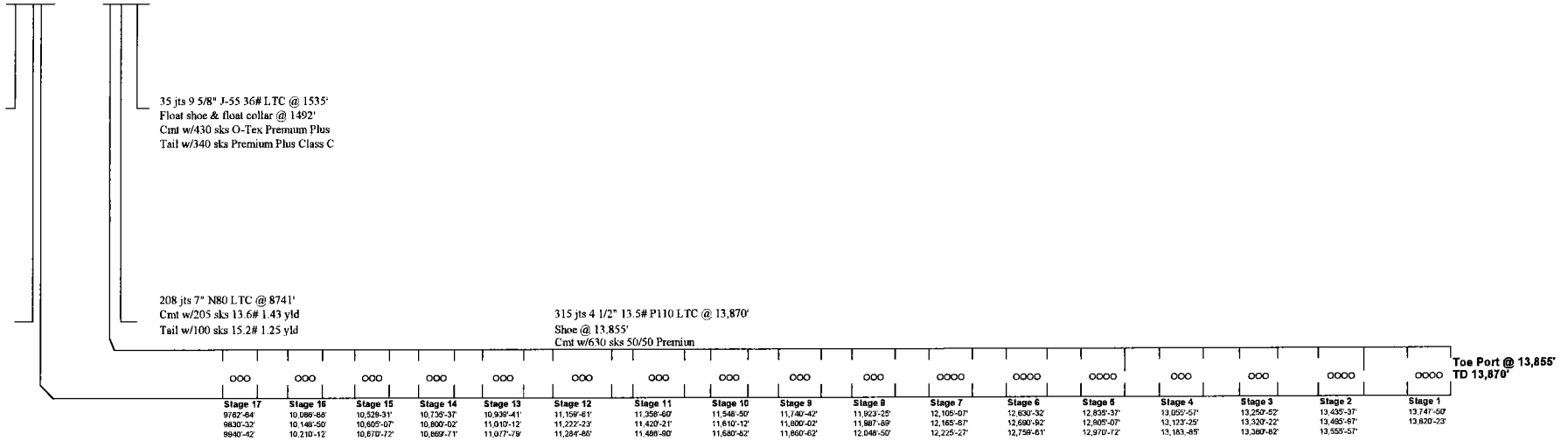
Directions to well: From Leedey, OK go 1.5 miles East on paved road, then 1 mi North, then 2 miles East, then 1 Mile North to the SW Corner of Sec. 31-17N-19W

SHL: 250' FSL & 1200' FWL
 BHL: 330' FNL & 1200' FWL

Increased Density:
 Location Exception: 637271
 Spacing Order: 633117

CL: 1888'
 KB:
 DF: 1906'

TOC @ 9956'



FILE: L:\engineer\schematic\Rose Hill 1-31H
 DATE PREPARED: 08/19/16 rb

Notes:

Perf stage 1 at 13,820-23, & 13,747-50.
 Frac seg 1: Prop 4070 WH: 225.83M 4070 RC: 16,505M Acid 24 bbl LTR 4619 bbl.
 Frac seg 2: Prop 4070 WH: 225.21M 4070 RC: 20,39M Acid 24 bbl LTR 4630 bbl.
 Frac seg 3: Prop 4070 WH: 225.38M 4070 RC: 22,159M Acid 24 bbl LTR 4252 bbl.
 Frac seg 4: Prop 4070 WH: 227.37M 4070 RC: 15,933M Acid 24 bbl LTR 4350 bbl.
 Frac seg 5: Prop 4070 WH: 225.91M 4070 RC: 17,143M Acid 24 bbl LTR 4312 bbl.
 Frac seg 6: Prop 4070 WH: 225.15M 4070 RC: 16,367M Acid 24 bbl LTR 4360 bbl.
 Frac seg 7: Prop 4070 WH: 225.15M 4070 RC: 16,448M Acid 24 bbl LTR 4367 bbl.
 Frac seg 8: Prop 4070 WH: 225.83M 4070 RC: 16,448M Acid 24 bbl LTR 4250 bbl.
 Frac seg 9: Prop 4070 WH: 225.83M 4070 RC: 16,448M Acid 24 bbl LTR 4250 bbl.
 Frac seg 10: Prop 4070 WH: 225.83M 4070 RC: 16,448M Acid 24 bbl LTR 4250 bbl.
 Frac seg 11: Prop 4070 WH: 225.83M 4070 RC: 17,500M Acid 24 bbl LTR 4354 bbl.
 Frac seg 12: Prop 4070 WH: 225.83M 4070 RC: 17,500M Acid 24 bbl LTR 4423 bbl.
 Frac seg 13: Prop 4070 WH: 225.77M 4070 RC: 17,025M Acid 24 bbl LTR 4328 bbl.
 Frac seg 14: Prop 4070 WH: 225.77M 4070 RC: 17,025M Acid 24 bbl LTR 4328 bbl.
 Frac seg 15: Prop 4070 WH: 225.77M 4070 RC: 17,335M Acid 24 bbl LTR 4400 bbl.
 Frac seg 16: Prop 4070 WH: 225.96M 4070 RC: 16,777M Acid 24 bbl LTR 4400 bbl.
 Frac seg 17: See 4/17/16 report for details.