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

Completion Report Spud Date: September 15, 2016

OTC Prod. Unit No.: 073218089 Drilling Finished Date: October 14, 2016

1st Prod Date: November 23, 2016

Completion Date: November 14, 2016

Drill Type: HORIZONTAL HOLE

API No.: 35073248990001

Well Name: KATY 21-1H Purchaser/Measurer: KINGFISHER MIDSTREAM

KINGFISHER 16 18N 6W SE SW SE SE 160 FSL 679 FEL of 1/4 SEC Location:

Latitude: 36.02976353 Longitude: -97.83835792

Derrick Elevation: 1196 Ground Elevation: 1170

GASTAR EXPLORATION INC 23199 Operator:

> 1331 LAMAR STE 650 HOUSTON, TX 77010-3131

	Completion Type					
X Single Zone						
	Multiple Zone					
Commingled						

Location Exception		
Order No		
661130		

Increased Density			
Order No			
There are no Increased Density records to display.			

First Sales Date: 11/23/16

Casing and Cement							
Туре	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
SURFACE	9.625	36	J-55	390		150	SURFACE
INTERMEDIATE	7	29	P-110	7238		475	SURFACE

Liner								
Туре	Size	Weight	Grade	Length	PSI	SAX	Top Depth	Bottom Depth
LINER	4.5	11.6	P-110	3219	0	570	7106	10325

Total Depth: 12325

Packer			
Depth	Brand & Type		
7076	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 14, 2016	MISSISSIPPIAN	496	42	895	1804	1450	PUMPING	115	64	145

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Completion and Test Data by Producing Formation

Formation Name: MISSISSIPPIAN

Code: 359MSSP

Class: OIL

Spacing Orders				
Order No	Unit Size			
616854	640			

Perforated Intervals				
From	То			
7411	12176			

Acid Volumes

88,200 GALLONS 15% FENEHCL

Fracture Treatments	
350,281 BBLS SLICKWATER W/ 3,618,380# 100 MES	H &
9.253.300# 30/50 SAND	

Formation	Тор
CHECKERBOARD	6105
CLEVELAND	6170
OSWEGO	6305
VERDIGRIS	6537
SKINNER	6549
PINK LIME	6652
INOLA	6690
MANNING	6786

Were open hole logs run? Yes Date last log run: October 14, 2016

Were unusual drilling circumstances encountered? No Explanation:

Other Remarks

IRREGULAR SECTION.

Lateral Holes

Sec: 21 TWP: 18N RGE: 6W County: KINGFISHER

SW SW SE SE

30 FSL 1313 FEL of 1/4 SEC

Depth of Deviation: 6556 Radius of Turn: 914 Direction: 183 Total Length: 4765

Measured Total Depth: 12325 True Vertical Depth: 7104 End Pt. Location From Release, Unit or Property Line: 30

FOR COMMISSION USE ONLY

1135625

Status: Accepted

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OPERATOR	
COLINTY	

GASTAR EXPLORATION	
KINGFISHER	

201602722

WELL NAME API#

KATY 21-1H	
35-073-24899	

INTERM ORDER

CD# ORDER# Details

201603733	5	_
656876		λ
Unit		21-18N-6W
POE	HL@:	165' FNL, 660 FE/WL
TD	HL@	165' FSL, 660 FE/WL

SFC LOCATION

1	6-	1	8	N	-6	W	

S-T-R

160	feet from
679	feet from

S	line
Е	line

2047797 X Units

374882 Y Units

UNIT SECTION CORNERS

	Unit X	Unit Y
NW	2043218	374726
SW	2043261	369422
NE	2048475	374721
SE	2048539	369464

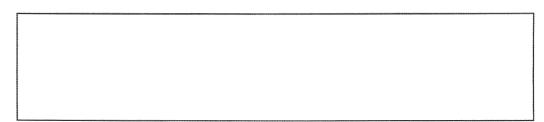
Heigth Width Heigth Width

5257 FT 5278 FT 5304 FT 5257 FT

East Line South Line West Line North Line

COMPLETION DATA

	Completio	n Method	CMT	/ P&P				
	Form	Formation		MISSISSIPPI		FROM SECTION LINE		
	MD	TVD	X	Y	FOOTAGE	N/S/E/W	FOOTAGE	N/S/E/W
ENTRY POINT	7046	6983.7	2047593.27	374632.47	89	N	883	E
7" CSG POINT	7235	7088.1	2047531.66	374488.94	233	N.	946	E
FIRST PERFS	7411	7130.7	2047447.12	374341.89	380	N	1032	E
LAST PERF	12176	7112.2	2047221.6	369632.84	178	S	1315	E
TD	12325	7103.6	2047225.85	369484.15	30	\$	1313	E



201403733

