

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.: 35073248990001

**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**

Well Name: KATY 21-1H

Purchaser/Measurer: KINGFISHER MIDSTREAM

Location: KINGFISHER 16 18N 6W  
SE SW SE SE  
160 FSL 679 FEL of 1/4 SEC  
Latitude: 36.02976353 Longitude: -97.83835792  
Derrick Elevation: 1196 Ground Elevation: 1170

First Sales Date: 11/23/16

Operator: GASTAR EXPLORATION INC 23199

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.	

Casing and Cement							
Type	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								
Type	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

**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	To
7411	12176

**Acid Volumes**

88,200 GALLONS 15% FENEHCL
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**Fracture Treatments**

350,281 BBLS SLICKWATER W/ 3,618,380# 100 MESH & 9,253,300# 30/50 SAND
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Formation	Top
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

OPERATOR **GASTAR EXPLORATION**  
 COUNTY **KINGFISHER**

WELL NAME **KATY 21-1H**  
 API # **35-073-24899**

**INTERM ORDER**

CD # **201603733**  
 ORDER # **656876**  
 Details  
 Unit **21-18N-6W**  
 POE **HL @ 165' FNL, 660 FE/WL**  
 TD **HL @ 165' FSL, 660 FE/WL**

**SFC LOCATION**

**16-18N-6W** S-T-R **160** feet from **S** line **2047797** X Units  
**679** feet from **E** line **374882** Y Units

**UNIT SECTION CORNERS**

	Unit X	Unit Y				
NW	2043218	374726	Height	<b>5257</b>	FT	East Line
SW	2043261	369422	Width	<b>5278</b>	FT	South Line
NE	2048475	374721	Height	<b>5304</b>	FT	West Line
SE	2048539	369464	Width	<b>5257</b>	FT	North Line

**COMPLETION DATA**

	Completion Method		CMT / P&P		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	S	1313	E

**NOTES**

[Empty box for notes]

**201603733**



**JAN 31 2017**