

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.: 35137271670000

Completion Report

Spud Date: May 15, 2014

OTC Prod. Unit No.: 137214225

Drilling Finished Date: July 10, 2014

1st Prod Date: September 21, 2014

Completion Date: October 07, 2014

Drill Type: HORIZONTAL HOLE

Well Name: HAYS 1-1H

Purchaser/Measurer: MARATHON OIL COMPANY

Location: STEPHENS 1 1S 5W
 SW SE SW SW
 150 FSL 680 FWL of 1/4 SEC
 Derrick Elevation: 0 Ground Elevation: 1064

First Sales Date: 9/21/2014

Operator: MARATHON OIL COMPANY 1363

5555 SAN FELIPE ST
 HOUSTON, TX 77056-2701

Completion Type	
X	Single Zone
	Multiple Zone
	Commingled

Location Exception	
Order No	
625286	

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	13 3/8	54.5	J-55 STC	1510		928	SURFACE
INTERMEDIATE	9 5/8	40	P-100HC BT	9477		575	6500
PRODUCTION	5 1/2	23	P-100EC VA	16492		2045	7390

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

Total Depth: 16492

Packer	
Depth	Brand & Type
11574	WEATHERFORD AS-III COMPRESSION

Plug	
Depth	Plug Type
10247	CEMENT
10654	CEMENT

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
Oct 05, 2014	WOODFORD	330		2509	7603	1347	FLOWING	898	64/64	

Completion and Test Data by Producing Formation										
Formation Name: WOODFORD			Code: 319WDFD			Class: OIL				
Spacing Orders				Perforated Intervals						
Order No	Unit Size			From			To			
623746	640			12106			16359			
Acid Volumes				Fracture Treatments						
77154 GALS				131094 GAL GEL 2036677 POUNDS SAND 182880 MESH						

Formation	Top
WOODFORD SHALE	12566

Were open hole logs run? Yes
Date last log run: June 13, 2014

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: 1 TWP: 1S RGE: 5W County: STEPHENS NE NE NW NW 51 FNL 994 FWL of 1/4 SEC Depth of Deviation: 10631 Radius of Turn: 1084 Direction: 360 Total Length: 5149 Measured Total Depth: 16492 True Vertical Depth: 11576 End Pt. Location From Release, Unit or Property Line: 51

FOR COMMISSION USE ONLY
Status: Accepted
1126671



WELL NAME: Hays 1-1H
 COUNTY: Stephens FIELD: Area 51 GL :1064'
 LOCATION :Sec 01 T01S R05W KB :1090'
 SL COORDINATES :NAD 27, OK SOUTH, Grid N, X=2,095,868, Y=422,078

Depth/ft	Small Pipe Program	Notes	MW	FIT/LOT
106' KB		20" Conductor (Preset)		
1510' KB		17.5" hole 13-3/8" 54.5# J-55 STC w/ 12.615" ID, 12.459" Drift, 2,730 psi Yield, 1,130 psi collapse	9 ppg WBM	11.5 ppg FIT
CSG 9465' MD		12.25" hole 9-5/8" 40# P110HC BTC w/ 8.835" ID 8.75" Special Drift 7,900 psi Yield 3,470 psi Collapse		
KOP 10631' MD / 10614' TVD		8.75" hole 5-1/2" 23# P110EC Vam Top HT 4.670" ID 4.545" Drift 16,510 psi Yield 16,220 psi Collapse		
Landing Point 12049' MD / 11715' TVD		TD 16492' MD / 11576' TVD		

Prepared by: D. Rohrs