

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.: 35047250830002

Completion Report

Spud Date: February 16, 2017

OTC Prod. Unit No.: 047-218614

Drilling Finished Date: March 28, 2017

Amended

1st Prod Date: April 19, 2017

Amend Reason: AMEND BOTTOM HOLE SPOT LOCATION

Completion Date: April 16, 2017

Drill Type: HORIZONTAL HOLE

Min Gas Allowable: Yes

Well Name: HELENA 1-14H

Purchaser/Measurer: SUPERIOR

Location: GARFIELD 11 23N 5W
SW SE SE SE
205 FSL 360 FEL of 1/4 SEC
Derrick Elevation: 1146 Ground Elevation: 1122

First Sales Date: 04/19/2017

Operator: SK PLYMOUTH LLC 23485

6100 S YALE AVE STE 500
TULSA, OK 74136-1906

Completion Type		Location Exception		Increased Density	
X	Single Zone	Order No		Order No	
	Multiple Zone	657418		There are no Increased Density records to display.	
	Commingled				

Casing and Cement							
Type	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
SURFACE	9 5/8	36	J-55	505		325	SURFACE
PRODUCTION	7	26	P-110	5908		405	3806

Liner								
Type	Size	Weight	Grade	Length	PSI	SAX	Top Depth	Bottom Depth
LINER	4 1/2	11.6	P-110	5636	0	525	5683	11319

Total Depth: 11332

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
May 08, 2017	MISSISSIPPIAN	220	42.6	499	2268	2245	PUMPING			

Completion and Test Data by Producing Formation

Formation Name: MISSISSIPPIAN

Code: 359MSSP

Class: OIL

Spacing Orders

Order No	Unit Size
636142	640
660909	640 NPT

Perforated Intervals

From	To
6277	11070

Acid Volumes

2,757 15% HCL ACID

Fracture Treatments

14 STAGES - 571,401 POUNDS SAND, 101,797 BARRELS WATER
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Formation	Top
MISSISSIPPIAN	5742

Were open hole logs run? Yes

Date last log run: March 26, 2017

Were unusual drilling circumstances encountered? No

Explanation:

Other Remarks

CHANGE BOTTOM HOLE FROM 549 FEL TO 499 FEL. OCC - THIS DOCUMENT IS ACCEPTED BASED ON THE DATA SUBMITTED THE FINAL LOCATION EXCEPTION HAS NOT BEEN ISSUED.

Lateral Holes

Sec: 14 TWP: 23N RGE: 5W County: GARFIELD

SW SE SE SE

130 FSL 499 FEL of 1/4 SEC


Depth of Deviation: 5609 Radius of Turn: 418 Direction: 180 Total Length: 5067

Measured Total Depth: 11332 True Vertical Depth: 6133 End Pt. Location From Release, Unit or Property Line: 130

FOR COMMISSION USE ONLY

1138056

Status: Accepted

		Kathy Baratz		10/26/2017	918.599.1866
SIGNATURE		NAME (PRINT OR TYPE)		DATE	PHONE NUMBER
6100 S Yale Ave Suite 500		Tulsa	OK 74136	kbaratz@skplymouth.com	
ADDRESS		CITY	STATE ZIP	EMAIL ADDRESS	

FORMATION RECORD

LEASE NAME Helena WELL NO. 1-14H

NAMES OF FORMATIONS	TOP
Mississippian	5,742 MD 5,740 TVD

FOR COMMISSION USE ONLY	
ITD on file	<input type="checkbox"/> YES <input type="checkbox"/> NO
APPROVED	DISAPPROVED
2) Reject Codes	

Were open hole logs run? X yes ___ no

Date Last log was run 3/26/2017

Was CO₂ encountered? ___ yes X no at what depths? _____

Was H₂S encountered? ___ yes X no at what depths? _____

Were unusual drilling circumstances encountered? ___ yes X no

If yes, briefly explain below

Other remarks:	Change BH from 549 FEL to 499 FEL.
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640 Acres

X

Direction must be stated in degrees azimuth.
Please note, the horizontal drainhole and its end point must be located within the boundaries of the lease or spacing unit.

640 Acres

A 10x10 grid representing 640 acres. The grid is divided into four equal quadrants by a thick horizontal line and a thick vertical line. Each quadrant is a 5x5 grid of smaller squares. The label '640 Acres' is centered at the top of the grid.

SEC	TWP	RGE	COUNTY
Spot Location			
1/4	1/4	1/4	1/4
Measured Total Depth		True Vertical Depth	Feet From 1/4 Sec Lines
			FSL
		FWL	
BHL From Lease, Unit, or Property Line:			

LATERAL #1									
SEC	14	TWP	23N	RGE	5W	COUNTY			
						Garfield			
Spot Location		SW		SE	1/4	SE	1/4	SE	1/4
Feet From 1/4 Sec Lines		FSL		130		FEL		499	
Depth of Deviation		5,609		Radius of Turn		418		Direction	
Measured Total Depth		11,332		True Vertical Depth		6,133		BHL From Lease, Unit, or Property Line:	
								130	

SEC	TWP	RGE	COUNTY			
Spot Location				Feet From 1/4 Sec Lines	FSL	FWL
1/4	1/4	1/4	1/4			
Depth of Deviation		Radius of Turn	Direction	Total Length		
Measured Total Depth		True Vertical Depth	BHL From Lease, Unit, or Property Line:			

SEC	TWP	RGE	COUNTY			
Spot Location			Feet From 1/4 Sec Lines		FSL	FWL
1/4	1/4	1/4	1/4			
Depth of Deviation		Radius of Turn	Direction	Total Length		
Measured Total Depth		True Vertical Depth	BHL From Lease, Unit, or Property Line:			