## Oklahoma Corporation Commission Oil & Gas Conservation Division Post Office Box 52000 Oklahoma City, Oklahoma 73152-2000

Rule 165: 10-3-25

API No.: 35047250830002 **Completion Report** Spud Date: February 16, 2017

OTC Prod. Unit No.: 047-218614 Drilling Finished Date: March 28, 2017

1st Prod Date: April 19, 2017

Completion Date: April 16, 2017 Amend Reason: AMEND BOTTOM HOLE SPOT LOCATION

**Drill Type: HORIZONTAL HOLE** Min Gas Allowable: Yes

Well Name: HELENA 1-14H Purchaser/Measurer: SUPERIOR

Location: GARFIELD 11 23N 5W First Sales Date: 04/19/2017

SW SE SE SE 205 FSL 360 FEL of 1/4 SEC

Derrick Elevation: 1146 Ground Elevation: 1122

SK PLYMOUTH LLC 23485 Operator:

Amended

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

	Completion Type	
Х	Single Zone	
	Multiple Zone	
	Commingled	

Location Exception					
Order No					
657418					

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

Casing and Cement								
Туре	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								
Туре	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			

December 05, 2017 1 of 2

## **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	То			
6277	11070			

Acid Volumes	
2,757 15% HCL ACID	

Fracture Treatments	
14 STAGES - 571,401 POUNDS SAND, 101,797 BARRELS WATER	

Formation	Тор
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

December 05, 2017 2 of 2

**OKLAHOMA CORPORATION** 

Form 1002A

LEASE TYPE OR USE BLACK INK ONLY NOTE:

OTC PROD. 047-218614

047-25083

ORIGINAL

Attach copy of original 1002A if recompletion or reentry.

Oil & Gas Conservation Division Post Office Box 52000 Oklahoma City, Oklahoma 73152-2000

OKLAHOMA CORPORATION COMMISSION

#### COMPLETION REPORT

Rule 165:10-3-25

_	_		640	ISSI Acres		
v						
				ė.		
						Х

LOCATE WELL

X AMENDED (Reason) Amend BH Spot Location TYPE OF DRILLING OPERATION SPUD DATE 2/16/2017 ISTRAIGHT HOLE DIRECTIONAL HOLE X HORIZONTAL HOLE DRLG FINISHED SERVICE WELL 3/28/2017 If directional or horizontal, see reverse for bottom hole location DATE DATE OF WELL COUNTY Garfield SEC 11 TWP 23N RGE 5W 4/16/2017 COMPLETION LEASE WELL Helena 1-14H 4/19/2017 1st PROD DATE NAME NO. SW 1/4 SE 1/4 SE 1/4 SE 1/4 FSL OF FEL OF 205 360 RECOMP DATE 1/4 SEC 1/4 SEC ELEVATIO Longitude 1146 Ground 1122 Latitude (if known) N Derrick (if known) OPERATOR OTC/OCC SK Plymouth, LLC 23485 NAME OPERATOR NO ADDRESS 6100 S Yale Ave Suite 500 CITY Tulsa STATE OK 74136 ZIP CASING & CEMENT (Form 1002C must be attached)

COM	IPLETION TYPE	
х	SINGLE ZONE	
	MULTIPLE ZONE Application Date COMMINGLED Application Date	
EXCE INCR	ATION EPTION ORDER EASED DENSITY ER NO.	657418 1,0
PACK	(ER @	BRAND & TYPE

TYPE	SIZE	WEIGHT	GRADE	FEET	PSI	SAX	TOP OF CMT
CONDUCTOR				eggen and a second			
SURFACE	9 5/8"	36	J55	505		325	Surface
INTERMEDIATE						-	
PRODUCTION	7"	26	P110	5908		405	3806
LINER	4 1/2"	11.6	P110	5683 - 11319		525	
PLUG @	TYPE		PLUG @	TYPE		TOTAL DEPTH	11,332
PLUG @	TYPE		PLUG @	TYPE		Top of	Liner

PACKER @ \_\_\_ BRAND & TYPE COMPLETION & TEST DATA BY PRODUCING FORMATION. 5,683 FORMATION Mississippian SPACING & SPACING 636142 1640 ORDER NUMBER CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc Oil PERFORATED 6277 - 11070 INTERVALS ACID/VOLUME 2757 Acid #15% HCL 14 Stages FRACTURE TREATMENT 571,401 lbs Sand (Fluids/Prop Amounts) 101.797 bbls Water

	Min Gas Allowal	ole (165:10-17-7)	Gas Purchaser/Measurer	Superior
	X OR		First Sales Date	4/19/2017
INITIAL TEST DATA	Oil Allowable	(165:10-13-3)		
INITIAL TEST DATE	5/8/2017			
OIL-BBL/DAY	220			
OIL-GRAVITY ( API)	42.6			
GAS-MCF/DAY	499	'////////		
GAS-OIL RATIO CU FT/BBL	2268			
WATER-BBL/DAY	2245	<b>745</b> SI	UBMITTED <b>E</b>	
PUMPING OR FLOWING	Pumping	no o	DOMILIED /	
INITIAL SHUT-IN PRESSURE				
CHOKE SIZE				
FLOW TUBING PRESSURE				

I		e presented on the reverse. I declare that I have knowledge of the con sion and direction, with the data and facts stated herein to be true, corr		
I		sion and direction, with the data and facts stated herein to be true, corre	ect, and complete to the best of r	,
I	lathy Dorata	Kathy Baratz	10/26/2017	918.599.1866
I	SIGNATURÉ	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** 

# PLEASE TYPE OR USE BLACK INK ONLY FORMATION RECORD

Give formation names and tops, if available, or descriptions and thickness of formations drilled through. Show intervals cored or drillstem tested.

NAMES OF FORMATIONS	TOP
Mississippian	5,742 MD
	5,740 TVD
·	
Other remarks: Change BH from 549 FEL to 499 F	EL.

LEASE NAME	Helena	WELL NO.	1-14H

	FO	R COMMISSION USE ONLY	
ITD on file YES	NO		
APPROVED DISA	APPROVED	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 H <sub>2</sub> S encountered?	yes	X no at what depths?	

\_yes \_X\_no

Other remarks:	Change BH from	n 549 FEL to 499 FEL.			
				•	
			(*)		



If more than three drainholes are proposed, attach a separate sheet indicating the necessary information.

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.

Directional surveys are required for all drainholes and directional wells.

	 640	Acres		

## BOTTOM HOLE LOCATION FOR DIRECTIONAL HOLE

SEC TW	RG	E	COUNTY			
Spot Location 1/4	1/4	1/4	1/4	Feet From 1/4 Sec Lines	FSL	FWL
Measured Total		True Vertical De	pth	BHL From Lease, Unit, or Prope	erty Line:	

Were unusual drilling circumstances encountered? If yes, briefly explain below

## BOTTOM HOLE LOCATION FOR HORIZONTAL HOLE: (LATERALS)

LATERAL #1

SEC 14 TWP 23N RGE				5W COUNTY C					Garfield				
Spot L		on 1/4	SE	1/4	SE 1/4	SE	1/4	Feet From 1/4	Sec Lines	FSL	130	FEL	499
Depth Deviat			5,609		Radius of Turn	418		Direction	180	Total Length		5,067	
Measured Total Depth True				True Vertical Depth			BHL From Lease, Unit, or Property Line:						
11,332				6,133			130						

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

SEC TWP	RGE		COUNTY			
Spot Location 1/4	1/4	1/4	1/4	Feet From 1/4 Sec Lines	FSL	FWL
Depth of Deviation		Radius of Turn		Direction	Total Length	
Measured Total Dep	th	True Vertical De	pth	BHL From Lease, Unit, or Pr		