

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.: 35093251150000

Completion Report

Spud Date: January 02, 2018

OTC Prod. Unit No.: 093-223543

Drilling Finished Date: March 01, 2018

1st Prod Date: April 24, 2018

Completion Date: April 21, 2018

Drill Type: HORIZONTAL HOLE

Min Gas Allowable: Yes

Well Name: SWORDSPEAR 15-23-10 1MH

Purchaser/Measurer: MUSTANG GAS

Location: MAJOR 22 23N 10W
NE NE NW NW
270 FNL 1222 FWL of 1/4 SEC
Latitude: 36.462561 Longitude: -98.26085
Derrick Elevation: 0 Ground Elevation: 1368

First Sales Date: 04/27/2018

Operator: ARMOR ENERGY LLC 23921

4500 S GARNETT RD STE 250
TULSA, OK 74146-5203

Completion Type		Location Exception		Increased Density	
X	Single Zone	Order No		Order No	
	Multiple Zone	670267		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	1010		395	SURFACE
PRODUCTION	7	29	P-110	7281		285	2320

Liner								
Type	Size	Weight	Grade	Length	PSI	SAX	Top Depth	Bottom Depth
LINER	4 1/2	13.5	P-110	5751	0	408	6752	12503

Total Depth: 12528

Packer		Plug	
Depth	Brand & Type	Depth	Plug Type
There are no Packer records to display.		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
Jun 01, 2018	MISSISSIPPIAN	119	39	51	429	807	GAS LIFT	15	96/128	90

Completion and Test Data by Producing Formation

Formation Name: MISSISSIPPIAN		Code: 359MSSP		Class: OIL	
Spacing Orders		Perforated Intervals			
Order No	Unit Size	From	To		
613917	640	7415	12415		
Acid Volumes		Fracture Treatments			
12,936 GALLONS		9,928,826 POUNDS 100 MESH, 266,125 BARRELS			

Formation	Top
CHECKERBOARD	5875
OSWEGO	6087
VERDIGRIS	6234
RED FORK	6329
INOLA	6402
ATOKA	6410
CHESTER	6453
MISSISSIPPIAN	6715

Were open hole logs run? Yes
Date last log run: February 24, 2018

Were unusual drilling circumstances encountered? No
Explanation:

Other Remarks
OCC - THIS DOCUMENT IS ACCEPTED BASED ON THE DATA SUBMITTED THE FINAL LOCATION EXCEPTION HAS NOT BEEN ISSUED.

Lateral Holes
<p>Sec: 15 TWP: 23N RGE: 10W County: ALFALFA</p> <p>NE NW NW NW</p> <p>101 FNL 437 FWL of 1/4 SEC</p> <p>Depth of Deviation: 6655 Radius of Turn: 554 Direction: 355 Total Length: 5113</p> <p>Measured Total Depth: 12528 True Vertical Depth: 7178 End Pt. Location From Release, Unit or Property Line: 101</p>

FOR COMMISSION USE ONLY
<div>Status: Accepted</div> <div>1140414</div>

API NO. 093-25115
OTC PROD. UNIT NO. 093-223543

PLEASE TYPE OR USE BLACK INK ONLY

NOTE:

Attach copy of original 1002A if recompletion or reentry.

OKLAHOMA CORPORATION COMMISSION

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

RECEIVED

JUL 16 2018

OKLAHOMA CORPORATION COMMISSION

COMPLETION REPORT

TYPE OF DRILLING OPERATION

☐ STRAIGHT HOLE ☐ DIRECTIONAL HOLE ☒ HORIZONTAL HOLE
☐ SERVICE WELL

If directional or horizontal, see reverse for bottom hole location.

COUNTY	MAJOR	SEC	22	TWP	23N	RGE	10W
LEASE NAME	SWORDSPEAR 15-23-10			WELL NO.	1MH		
NE 1/4	NE 1/4	NW 1/4	NW 1/4	1/4 SEC	270	FWL OF 1/4 SEC	1222
ELEVATION	Ground	1368	Latitude (if known)	36.462561		Longitude (if known)	-98.260850
OPERATOR NAME	ARMOR ENERGY, LLC			OTC/OCC OPERATOR NO.	23921		
ADDRESS	4500 S GARNETT RD STE 250						
CITY	TULSA		STATE	OK		ZIP	74146

COMPLETION TYPE

<input checked="" type="checkbox"/> SINGLE ZONE	MISSISSIPPIAN
<input type="checkbox"/> MULTIPLE ZONE	
Application Date	
COMINGLED	
Application Date	
LOCATION EXCEPTION	670267 I.O.
ORDER NO.	
INCREASED DENSITY	613917 spacing
ORDER NO.	

CASING & CEMENT (Form 1002C must be attached)

TYPE	SIZE	WEIGHT	GRADE	FEET	PSI	SAX	TOP OF CMT
CONDUCTOR							
SURFACE	9 5/8	36	J55	1,010		395	SURFACE
INTERMEDIATE	7	29	P110	7,281		285	2,320.9'
PRODUCTION							
LINER	4 1/2	13.5	P110	6752-12503		408	SURFACE
							TOTAL DEPTH 12,528'

PACKER @ _____ BRAND & TYPE _____ PLUG @ _____ TYPE _____ PLUG @ _____ TYPE _____
PACKER @ _____ BRAND & TYPE _____ PLUG @ _____ TYPE _____ PLUG @ _____ TYPE _____

COMPLETION & TEST DATA BY PRODUCING FORMATION

FORMATION	MISSISSIPPIAN
SPACING & SPACING ORDER NUMBER	613917 (640)
CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc	OIL
PERFORATED INTERVALS	7,415' - 12,415'
ACID/VOLUME	12,936 gal
FRACTURE TREATMENT (Fluids/Prop Amounts)	9,928,826# 100mesh 266,125 bbls

Min Gas Allowable (165:10-17-7)



OR

Oil Allowable (165:10-13-3)

Gas Purchaser/Measurer

First Sales Date

Mustang Gas

4/27/2018

INITIAL TEST DATA

INITIAL TEST DATE	6/1/2018
OIL-BBL/DAY	119
OIL-GRAVITY (API)	39
GAS-MCF/DAY	51
GAS-OIL RATIO CU FT/BBL	429
WATER-BBL/DAY	807
PUMPING OR FLOWING	Gas Lift
INITIAL SHUT-IN PRESSURE	15 psi
CHOKE SIZE	96/128
FLOW TUBING PRESSURE	90

AS SUBMITTED

A record of the formations drilled through, and pertinent remarks are presented on the reverse. I declare that I have knowledge of the contents of this report and am authorized by my organization to make this report, which was prepared by me or under my supervision and direction, with the data and facts stated herein to be true, correct, and complete to the best of my knowledge and belief.

JAMES KEILBARTH

7-12-18

918-938-6369

SIGNATURE

NAME (PRINT OR TYPE)

DATE

PHONE NUMBER

4500 S GARNETT RD STE 250

TULSA

OK

74146

JKeilbarth@armorenergyllc.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
Checkerboard	5,875
Oswego	6,087
Verdigris	6234
Red Fork	6,329
Inola	6,402
Atoka	6,410
Chester	6,453
Mississippian	6,715

LEASE NAME SWORDSPEAR 15-23-10 WELL NO. 1MH

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? ☒ yes ☐ no

Date Last log was run 2/24/2018

Was CO₂ encountered? ☐ yes ☒ no at what depths? _____

Was H₂S encountered? ☐ yes ☒ no at what depths? _____

Were unusual drilling circumstances encountered? ☐ yes ☒ no

If yes, briefly explain below _____

Other remarks:

640 Acres

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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	TWP	RGE	COUNTY
Spot Location	1/4	1/4	1/4
Measured Total Depth	True Vertical Depth		BHL From Lease, Unit, or Property Line:

BOTTOM HOLE LOCATION FOR HORIZONTAL HOLE: (LATERALS)

LATERAL #1

SEC	TWP	RGE	COUNTY
15	23N	10W	ALFALFA
Spot Location	1/4	1/4	1/4
Depth of Deviation	6655'	Radius of Turn	554'
Measured Total Depth	12,528'	True Vertical Depth	7178'
		BHL From Lease, Unit, or Property Line: 101' FNL & 437' FWL of Unit	

LATERAL #2

SEC	TWP	RGE	COUNTY
Spot Location	1/4	1/4	1/4
Depth of Deviation		Radius of Turn	
Measured Total Depth		True Vertical Depth	
		BHL From Lease, Unit, or Property Line:	

LATERAL #3

SEC	TWP	RGE	COUNTY
Spot Location	1/4	1/4	1/4
Depth of Deviation		Radius of Turn	
Measured Total Depth		True Vertical Depth	
		BHL From Lease, Unit, or Property Line:	