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.: 35019262470000

Completion Report

Spud Date: February 09, 2017

OTC Prod. Unit No.:

Drilling Finished Date: March 07, 2017

1st Prod Date: March 27, 2017

Completion Date: June 29, 2017

Drill Type: DIRECTIONAL HOLE

Min Gas Allowable: Yes

Well Name: DOS ECHO 1-31

Purchaser/Measurer: DCP

Location: CARTER 31 2S 2W
NE SE NW NW
1863 FSL 1086 FWL of 1/4 SEC
Derrick Elevation: 956 Ground Elevation: 940

First Sales Date: 06/29/2017

Operator: SPRING OPERATING COMPANY 20386
PO BOX 2048
200 N BOULEVARD STE 201
EDMOND, OK 73083-2048

Completion Type	
X	Single Zone
	Multiple Zone
	Commingled

Location Exception
Order No
There are no Location Exception records to display.

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
CONDUCTOR	16			40		7	SURFACE
SURFACE	13 5/8	48	J-55	248		250	SURFACE
INTERMEDIATE	9 5/8	43.5	L-80	4144		1300	SURFACE
PRODUCTION	5 1/2	17	N-80	8249		775	5115

Liner

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

Total Depth: 8249

Packer	
Depth	Brand & Type
There are no Packer records to display.	

Plug	
Depth	Plug Type
7186	COMP

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
Mar 31, 2017	SIMS	25					SWAB	2000		
Jul 01, 2017	SIMS	70	34	34	485		PUMPING	200		

Completion and Test Data by Producing Formation

Formation Name: SIMS Code: 401SIMS Class: OIL

Spacing Orders	
Order No	**Unit Size**
615371	160

Perforated Intervals	
From	**To**
7198	7240

Acid Volumes
400 GALLONS

Fracture Treatments
454 BARRELS, 18,000 POUNDS

Formation Name: SIMS Code: 401SIMS Class: OIL

Spacing Orders	
Order No	**Unit Size**
615371	160

Perforated Intervals	
From	**To**
7132	7168

Acid Volumes
There are no Acid Volume records to display.

Fracture Treatments
768 BARRELS, 32,000 POUNDS

Formation	Top
SAND / SHALE	0
SYCAMORE	4800
SAND / SHALE	5000
SIMS	7050

Were open hole logs run? No
Date last log run: March 13, 2017

Were unusual drilling circumstances encountered? No
Explanation:

Other Remarks
CASED HOLE LOGS RAN

Bottom Holes

Sec: 31 TWP: 2S RGE: 2W County: CARTER

NE SW NE NW

1889 FSL 1523 FWL of 1/4 SEC

Depth of Deviation: 0 Radius of Turn: 0 Direction: 0 Total Length: 0

Measured Total Depth: 8249 True Vertical Depth: 8200 End Pt. Location From Release, Unit or Property Line: 751

FOR COMMISSION USE ONLY

1137282

Status: Accepted

RECEIVED
AUG 0 3 2017
OKLAHOMA CORPORATION COMMISSION

Form 1002A
Rev. 2009

API NO. 019 26247
OTC PROD. UNIT NO.

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

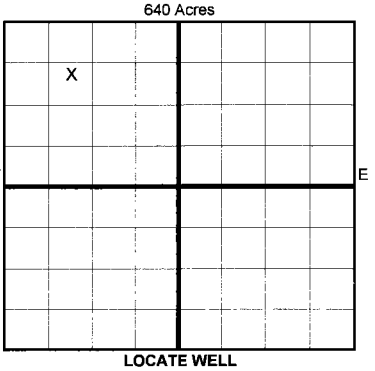
[X] ORIGINAL
[ ] AMENDED (Reason)

TYPE OF DRILLING OPERATION
[ ] STRAIGHT HOLE [X] DIRECTIONAL HOLE [ ] HORIZONTAL HOLE
[ ] SERVICE WELL
If directional or horizontal, see reverse for bottom hole location.

COMPLETION REPORT

SPUD DATE	2/9/17
DRLG FINISHED DATE	3/7/17
DATE OF WELL COMPLETION	6/29/17
1st PROD DATE	3/27/17
RECOMP DATE	NA
Longitude (if known)	

640 Acres



LOCATE WELL

COUNTY	CARTER	SEC	31	TWP	02S	RGE	02W
LEASE NAME	DOS ECHO				WELL NO.		1-31
NE 1/4	SE 1/4	NW 1/4	NW 1/4	FSL OF 1/4 SEC	1863	FWL OF 1/4 SEC	1086'
ELEVATIO N Derrick	956'	Ground	940'	Latitude (if known)			
OPERATOR NAME	Spring Operating Company				OTC/OCC OPERATOR NO.		20386
ADDRESS	PO Box 2048						
CITY	Edmond			STATE	OK	ZIP	73083

COMPLETION TYPE

[X]	SINGLE ZONE
[ ]	MULTIPLE ZONE Application Date
[ ]	COMMINGLED Application Date
LOCATION EXCEPTION ORDER	NA
INCREASED DENSITY ORDER NO.	NA

CASING & CEMENT (Form 1002C must be attached)

TYPE	SIZE	WEIGHT	GRADE	FEET	PSI	SAX	TOP OF CMT
CONDUCTOR	16"			40'		7	Surface
SURFACE	13 5/8"	48	J55	248'	~~250~~	125	Surface
INTERMEDIATE	9 5/8"	43.5#	L80	4,144'		1300	Surface
PRODUCTION	5 1/2"	17	N80	8,249'		775	5,115'
LINER							

Per 1002C

PACKER @ _____ BRAND & TYPE _____ PLUG @ 7,186' TYPE Comp PLUG @ _____ TYPE _____ TOTAL DEPTH 8249'
PACKER @ _____ BRAND & TYPE _____ PLUG @ _____ TYPE _____ PLUG @ _____ TYPE _____

COMPLETION & TEST DATA BY PRODUCING FORMATION

401 SIMS

FORMATION	Sims	Sims
SPACING & SPACING ORDER NUMBER	#615371 -160	#615371 -160
CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc	Oil	Oil
PERFORATED INTERVALS	7,198 - 7,240'	7,132 - 7,137'
		7,140 - 7,147'
		7,150 - 7,168'
ACID/VOLUME	400 gallons	0
FRACTURE TREATMENT (Fluids/Prop Amounts)	454 bbl	768 bbl
	18,000 #	32,000 #

Reported to FracFocus

[X] Min Gas Allowable OR Oil Allowable (165:10-17-7) (165:10-13-3)

Gas Purchaser/Measurer: DCP
First Sales Date: 6/29/2017

INITIAL TEST DATA

INITIAL TEST DATE	3/31/2017	7/1/2017
OIL-BBL/DAY	25 bbl	70 bbl
OIL-GRAVITY (API)	-	34
GAS-MCF/DAY	Gassing	34 MCF
GAS-OIL RATIO CU FT/BBL	Unknown	485
WATER-BBL/DAY	0	0
PUMPING OR FLOWING	Swab	Pumping
INITIAL SHUT-IN PRESSURE	IFL @ 2,000'	200 PSI
CHOKE SIZE	NA	NA
FLOW TUBING PRESSURE	NA	NA

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.

SIGNATURE	NAME (PRINT OR TYPE)	DATE	PHONE NUMBER
	Nolan Spring	8/1/2017	405-340-6811

ADDRESS	CITY	STATE	ZIP	EMAIL ADDRESS
PO Box 2048	Edmond	OK	73083	Nolan@springoc.com

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
Sand/Shale	0'
Sycamore	4,800'
Sand/Shale	5,000'
Sims	7,050'

LEASE NAME _____ WELL NO. _____

FOR COMMISSION USE ONLY

ITD on file ☐ YES ☐ NO

APPROVED _____ DISAPPROVED _____

2) Reject Codes

Were open hole logs run? ___ yes _X_ no

Date Last log was run 3/13/2017

Was CO_2 encountered? ___ yes _X_ no at what depths? _____

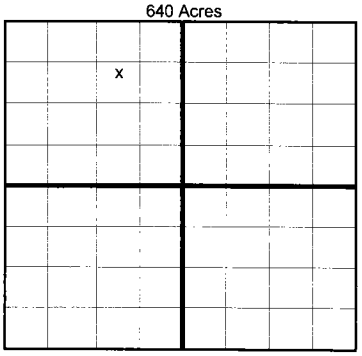
Was H_2S encountered? ___ yes _X_ no at what depths? _____

Were unusual drilling circumstances encountered? ___ yes _X_ no

If yes, briefly explain below

Other remarks: Cased hole logs ran.

640 Acres

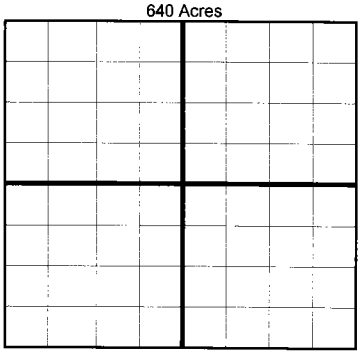


If more than three drainholes are proposed, attach a separate sheet indicating the necessary information.

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		
31	02S	02W	CARTER		
Spot Location: NE 1/4 SW 1/4 NE 1/4 NW 1/4			Feet From 1/4 Sec Lines	FSL 1889'	FWL 1523'
Measured Total Depth: 8,249'	True Vertical Depth: 8,200'		BHL From Lease, Unit, or Property Line: 751'		

BOTTOM HOLE LOCATION FOR HORIZONTAL HOLE: (LATERALS)

LATERAL #1

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 Depth	True Vertical Depth		BHL From Lease, Unit, or Property Line:		

LATERAL #2

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