

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.: 35133252400001

Completion Report

Spud Date: April 15, 2017

OTC Prod. Unit No.:

Drilling Finished Date: April 23, 2017

1st Prod Date: August 20, 2017

Completion Date: May 25, 2017

Drill Type: STRAIGHT HOLE

Well Name: LAST FRONTIER 1

Purchaser/Measurer:

Location: SEMINOLE 1 8N 6E
W2 SE SW SE
330 FSL 790 FWL of 1/4 SEC
Derrick Elevation: 0 Ground Elevation: 843

First Sales Date:

Operator: LIBERTY OPERATING INC 15227

1827 ATCHISON DR
NORMAN, OK 73069-8225

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

Casing and Cement							
Type	Size	Weight	Grade	Feet	PSI	SAX	Top of CMT
SURFACE	8 5/8	23	STC	723		475	SURFACE
PRODUCTION	5 1/2	15.5	LTC	4261		125	3836

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

Total Depth: 4240

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

Plug	
Depth	Plug Type
3440	CIBP
3996	CITP
4140	CIBP

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 30, 2017	WILCOX					50	SWABBIN			
Jun 10, 2017	HUNTON					30	SWABBIN			
Jun 30, 2017	WOODFORD					25	SWABBIN			
Aug 20, 2017	WOODFORD			10		10	SWABBIN	225	3/16	15

Completion and Test Data by Producing Formation

Formation Name: WILCOX

Code: 202WLCX

Class: DRY

Spacing Orders

Order No	Unit Size
663292	40

Perforated Intervals

From	To
4176	4180

Acid Volumes

500 GALLONS 12% HCL

Fracture Treatments

NONE

Formation Name: HUNTON

Code: 269HNTN

Class: DRY

Spacing Orders

Order No	Unit Size
There are no Spacing Order records to display.	

Perforated Intervals

From	To
4000	4004

Acid Volumes

500 GALLONS 12% HCL

Fracture Treatments

NONE

Formation Name: WOODFORD

Code: 319WDFD

Class: DRY

Spacing Orders

Order No	Unit Size
There are no Spacing Order records to display.	

Perforated Intervals

From	To
3958	3973

Acid Volumes

500 GALLONS 12% HCL

Fracture Treatments

NONE

Formation Name: WOODFORD

Code: 319WDFD

Class: GAS

Spacing Orders

Order No	Unit Size
There are no Spacing Order records to display.	

Perforated Intervals

From	To
3900	3912

Acid Volumes

500 GALLONS 15% HCL

Fracture Treatments

30,000 POUNDS SAND, 1,500 BARRELS WATER

Were open hole logs run? Yes

Formation	Top
WEWOKA	1864
CALVIN	2357
SENORA	2696
EARLSBORO	2904
BROWN LIME	3205
BOOCH	3296
WOODFORD	3898
HUNTON	3996
VIOLA	4096
WILCOX	4176

Date last log run: April 23, 2017

Were unusual drilling circumstances encountered? No
Explanation:

Other Remarks
OCC - RESTORING 1002A AFTER NETWORK GOING DOWN NO CHANGE FROM THE ORIGINAL APPROVAL 10/20/2017.

FOR COMMISSION USE ONLY	
Status: Accepted	1137810

API NO. 133-25240
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

RECEIVED

OCT 02 2017

Form 1002A
Rev. 2009

☒ ORIGINAL
☐ AMENDED (Reason)

TYPE OF DRILLING OPERATION

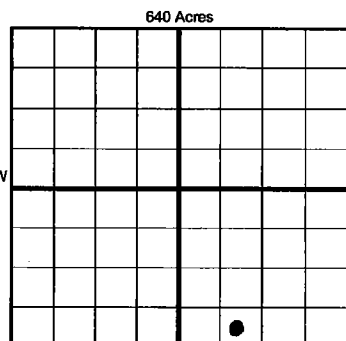
☒ STRAIGHT HOLE ☐ DIRECTIONAL HOLE ☐ HORIZONTAL HOLE
☐ SERVICE WELL

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

COUNTY	Seminole	SEC	1	TWP	8N	RGE	6E
LEASE NAME	Last Frontier			WELL NO.	1		
W/1/4 SE 1/4 SW 1/4 SE 1/4	FSL OF 1/4 SEC 330			FWL OF 1/4 SEC	290		
ELEVATION	Ground 843			Latitude (if known)	Longitude (if known)		
OPERATOR NAME	Liberty Operating, Inc.			OTC/OCC OPERATOR NO.	15227		
ADDRESS	1827 Atchison Dr.						
CITY	Norman			STATE	OK		ZIP 73069

COMPLETION REPORT

SPUD DATE	4-15-2017
DRLG FINISHED DATE	4-23-2017
DATE OF WELL COMPLETION	5-25-2017
1st PROD DATE	8-20-2017
RECOMP DATE	



LOCATE WELL

COMPLETION TYPE

<input checked="" type="checkbox"/> SINGLE ZONE
<input type="checkbox"/> MULTIPLE ZONE
Application Date
<input type="checkbox"/> COMINGLED
Application Date
LOCATION
EXCEPTION ORDER
INCREASED DENSITY ORDER NO.

CASING & CEMENT (Form 1002C must be attached)

TYPE	SIZE	WEIGHT	GRADE	FEET	PSI	SAX	TOP OF CMT
CONDUCTOR							
SURFACE	8 5/8	23#	STC	723		475	Surface
INTERMEDIATE							
PRODUCTION	5 1/2	15.5#	LTC	4,261		125	3836' Calculated
LINER							

PACKER @ _____ BRAND & TYPE _____ PLUG @ 4140 TYPE CIBP PLUG @ 3400 TYPE CIBP
PACKER @ _____ BRAND & TYPE _____ PLUG @ 3996 TYPE CIBP PLUG @ _____ TYPE _____

TOTAL DEPTH 4240

COMPLETION & TEST DATA BY PRODUCING FORMATION

FORMATION	Wilcox	Hunton	Woodford	Woodford	Monitor
SPACING & SPACING ORDER NUMBER	663292(40)	none	none	none	Report to FracFocus
CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc	Dry	Dry	Dry	Gas	
PERFORATED INTERVALS	4176-4180 w/35PF	4000-4004 w/35PF	3950-3973 w/35PF	3900-3912 w/35PF	
ACID/VOLUME	500gal 12% HCL	500gal 12% HCL	500gal 12% HCL	500gal 15% HCL	
FRACTURE TREATMENT (Fluids/Prop Amounts)	None	None	None	30,000# Sand 1500bbls water	

INITIAL TEST DATA

INITIAL TEST DATE	5-30-2017	6-10-2017	6-30-2017	8-20-2017
OIL-BBL/DAY	0	0	0	0
OIL-GRAVITY (API)	NA	NA	NA	NA
GAS-MCF/DAY	0	TSTM	0	10mcf
GAS-OIL RATIO CU FT/BBL	NA	NA	NA	NA
WATER-BBL/DAY	50	30	25	10
PUMPING OR FLOWING	Swabbing	Swabbing	Swabbing	Swabbing
INITIAL SHUT-IN PRESSURE	0	0	0	225
CHOKE SIZE	NA	NA	NA	3/16
FLOW TUBING PRESSURE	0	0	0	15

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.

Wayne McPherson Wayne McPherson
SIGNATURE NAME (PRINT OR TYPE)
1827 Atchison Dr. Norman OK 73069
ADDRESS CITY STATE ZIP
9-29-17 405-990-5634
DATE PHONE NUMBER
Waynemcpherson@cox.net
EMAIL ADDRESS

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

WELL NO.

NAMES OF FORMATIONS	TOP
Wewoka	1864
Calvin	2357
Senora	2696
Earlsboro	2904
Brown Lime	3205
Booch	3296
Woodford	3898
Hunton	3996
Viola	4096
Wilcox	4176

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 4-23-2017

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:

640 Acres


The diagram shows a large rectangle divided into four equal quadrants by a thick vertical line and a thick horizontal line. Each quadrant is further divided into a 4x4 grid of smaller squares. The text '640 Acres' is centered above the top-left quadrant.

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



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

LATERAL #1						
SEC	TWP	RGE	COUNTY			
Spot Location						
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:		

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:			

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:			