

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.: 35019262750000

Completion Report

Spud Date: June 12, 2017

OTC Prod. Unit No.:

Drilling Finished Date: June 26, 2017

1st Prod Date:

Completion Date: August 28, 2017

Drill Type: STRAIGHT HOLE

Well Name: CAROL 1-15

Purchaser/Measurer:

Location: CARTER 15 3S 2E
SW NW SE SW
825 FSL 1571 FWL of 1/4 SEC
Latitude: 34.2911 Longitude: -97.08543
Derrick Elevation: 0 Ground Elevation: 842

First Sales Date:

Operator: HERITAGE EXPLORATION LLC 23893

3209 PINE RIDGE RD
OKLAHOMA CITY, OK 73120-5622

Completion Type	
	Single Zone
	Multiple Zone
	Commingled

Location Exception	
Order No	
	656357
	665206

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
SURFACE	8 5/8	24	J-55	464		225	SURFACE
PRODUCTION	5 1/2	15.5	J-55	3070		660	SURFACE

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

Total Depth: 3070

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

Plug	
Depth	Plug Type
1004	CIBP
2187	CIBP
2305	CIBP
2445	CIBP
2965	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
Aug 16, 2017	DEESE						SWAB			
Aug 25, 2017	SURF-DEESE					24	SWAB			

Completion and Test Data by Producing Formation										
Formation Name: DEESE			Code: 404DEESS			Class: DRY				
Spacing Orders				Perforated Intervals						
Order No	Unit Size			From	To					
202872	640			2048	2994					
Acid Volumes				Fracture Treatments						
1,500 GALLONS 7.5%				There are no Fracture Treatments records to display.						
Formation Name: SURF-DEESE			Code: 404DESFC			Class: DRY				
Spacing Orders				Perforated Intervals						
Order No	Unit Size			From	To					
197431	640			866	898					
Acid Volumes				Fracture Treatments						
There are no Acid Volume records to display.				There are no Fracture Treatments records to display.						

Formation	Top
DEESE	1287

Were open hole logs run? Yes
Date last log run: June 27, 2017

Were unusual drilling circumstances encountered? No
Explanation:

Other Remarks
There are no Other Remarks.

FOR COMMISSION USE ONLY	
Status: Accepted	1137811

RECEIVED

Form 1002A Rev. 2009

SEP 29 2017

OKLAHOMA CORPORATION COMMISSION

API NO. 019-26275

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

COMPLETION REPORT

ORIGINAL AMENDED (Reason)

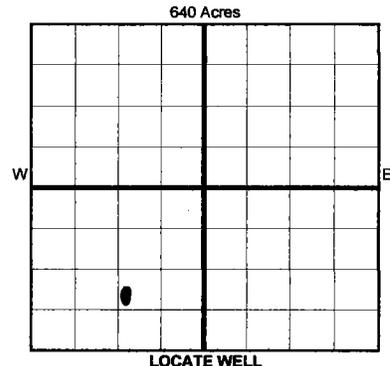
TYPE OF DRILLING OPERATION

STRAIGHT HOLE DIRECTIONAL HOLE HORIZONTAL HOLE SERVICE WELL

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

Form with fields: COUNTY CARTER, SEC 15, TWP 3S, RGE 2E, LEASE NAME CAROL, WELL NO. 1-15, SW 1/4 NW 1/4 SE 1/4 SW 1/4, FSL OF 1/4 SEC 825, FWL OF 1/4 SEC 1571, OPERATOR NAME HERITAGE EXPLORATION LLC, ADDRESS 3209 PINE RIDGE ROAD, CITY OKLAHOMA CITY, STATE OK, ZIP 73120

Form with fields: SPUD DATE 6/12/2017, DRLG FINISHED DATE 6/26/2017, DATE OF WELL COMPLETION 8/28/2017, 1st PROD DATE, RECOMP DATE



COMPLETION TYPE

Form with fields: SINGLE ZONE, MULTIPLE ZONE, LOCATION EXCEPTION ORDER INCREASED DENSITY ORDER NO. 656357/665206

CASING & CEMENT (Form 1002C must be attached)

Table with columns: TYPE, SIZE, WEIGHT, GRADE, FEET, PSI, SAX, TOP OF CMT. Rows include CONDUCTOR, SURFACE, INTERMEDIATE, PRODUCTION, LINER.

PACKER @ BRAND & TYPE PLUG @ 1004 TYPE CIBP PLUG @ 2305 TYPE CIBP TOTAL DEPTH 3,070

COMPLETION & TEST DATA BY PRODUCING FORMATION 404DEESS 404DESFC Plug @ 2965' - CIBP

Table with columns: FORMATION, DEESE, SURF-DEESE, Spacing & Spacing Order Number, CLASS, PERFORATED INTERVALS, ACID/VOLUME, FRACTURE TREATMENT.

Min Gas Allowable OR Oil Allowable Gas Purchaser/Measurer First Sales Date

INITIAL TEST DATA

Table with columns: INITIAL TEST DATE, OIL-BBL/DAY, OIL-GRAVITY (API), GAS-MCF/DAY, GAS-OIL RATIO CU FT/BBL, WATER-BBL/DAY, PUMPING OR FLOWING, INITIAL SHUT-IN PRESSURE, CHOKE SIZE, FLOW TUBING PRESSURE.

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 SEAN STRICKLAND NAME (PRINT OR TYPE) 9/26/2017 DATE 405-496-6756 PHONE NUMBER 3209 PINE RIDGE ROAD ADDRESS OKLAHOMA CITY CITY OK STATE 73120 ZIP seanstrickland@heritageexpl.com 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.

LEASE NAME Carol WELL NO. 1-15

NAMES OF FORMATIONS	TOP
DEESE	1,287

FOR COMMISSION USE ONLY

ITD on file YES NO

APPROVED _____ DISAPPROVED _____

2) Reject Codes

Were open hole logs run? yes no

Date Last log was run 6/27/2017

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

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	1/4	Feet From 1/4 Sec Lines	FSL	FWL
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				
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:				