

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.: 35051243400003

**Completion Report**

Spud Date: May 11, 2018

OTC Prod. Unit No.: 051-224333-0-0000

Drilling Finished Date: August 06, 2018

1st Prod Date: September 09, 2018

**Amended**

Completion Date: August 17, 2018

Amend Reason: CORRECTION SHOW ADDITIONAL FORMATION COMPLETED

**Drill Type: HORIZONTAL HOLE**

Well Name: VENUS 1-20H

Purchaser/Measurer: ONEOK

Location: GRADY 20 5N 6W  
NE SE SE SW  
340 FSL 2435 FWL of 1/4 SEC  
Latitude: 34.884965 Longitude: -97.856031  
Derrick Elevation: 0 Ground Elevation: 1171

First Sales Date: 09/09/2018

Operator: ECHO E & P LLC 23925

3817 NW EXPRESSWAY STE 810  
OKLAHOMA CITY, OK 73112-1470

Completion Type	
	Single Zone
	Multiple Zone
X	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			A-52	105			SURFACE
SURFACE	13 3/8	54.5	J-55	1529	160	792	SURFACE
INTERMEDIATE	9 5/8	40	HCP-110	11598	1980	1074	6113
PRODUCTION	5 1/2	23	P-110	20617		4475	SURFACE

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

**Total Depth: 20617**

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
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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
Oct 25, 2018	WOODFORD-MISSISSIPPIAN	80	50	4219	52738	1704	FLOWING	1382	32	1181

#### Completion and Test Data by Producing Formation

Formation Name: WOODFORD

Code: 319WDFD

Class: GAS

##### Spacing Orders

Order No	Unit Size
676418	640

##### Perforated Intervals

From	To
15728	20450

##### Acid Volumes

2,599 BARRELS
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##### Fracture Treatments

202,149 BARRELS, 9,110,191 POUNDS
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Formation Name: MISSISSIPPIAN

Code: 359MSSP

Class: GAS

##### Spacing Orders

Order No	Unit Size
676418	640

##### Perforated Intervals

From	To
17438	18170

##### Acid Volumes

611 BARRELS
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##### Fracture Treatments

36,589 BARRELS, 1,902,909 POUNDS PROPPANT
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Formation Name: WOODFORD-MISSISSIPPIAN

Code:

Class: GAS

Formation	Top
MISSISSIPPIAN	12244
WOODFORD	15210

Were open hole logs run? No

Date last log run:

Were unusual drilling circumstances encountered? No

Explanation:

Other Remarks
OCC - THIS WELL'S COMPLETED INTERVAL IS WITHIN WHAT THE SPACING ORDER ALLOWS.

#### Lateral Holes

Sec: 20 TWP: 5N RGE: 6W County: GRADY

NW NW NW NE

423 FNL 2592 FEL of 1/4 SEC

Depth of Deviation: 15345 Radius of Turn: 310 Direction: 360 Total Length: 4738

Measured Total Depth: 20617 True Vertical Depth: 17049 End Pt. Location From Release, Unit or Property Line: 432

## FOR COMMISSION USE ONLY

1142341

Status: Accepted

API NO. 051-24340  
OTC PROD. UNIT NO. 051-224333

(PLEASE TYPE OR USE BLACK INK ONLY)

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)

Correction show additional Add Formation Completed

TYPE OF DRILLING OPERATION

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

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

COUNTY GRADY SEC 20 TWP 5N RGE 6W  
LEASE NAME VENUS WELL NO. 1-20H  
NE 1/4 SE 1/4 SE 1/4 SW 1/4 FSL OF 1/4 SEC 340' FWL OF 1/4 SEC 2435'  
ELEVATION Derrick FL Ground 1171 Latitude (if known) 34.884965 Longitude (if known) -97.856031  
OPERATOR NAME ECHO E & P LLC OTC/OCC OPERATOR NO. 23925  
ADDRESS 3817 NW EXPRESSWAY STE 810  
CITY OKLAHOMA CITY STATE OK ZIP 73112-1470

SPUD DATE 5/11/2018  
DRLG FINISHED DATE 8/6/2018  
DATE OF WELL COMPLETION 8/17/2018  
1st PROD DATE 9/9/2018  
RECOMP DATE

640 Acres  
LOCATE WELL

COMPLETION TYPE

☐ SINGLE ZONE  
☐ MULTIPLE ZONE  
Application Date  
☒ COMMINGLED  
Application Date 3/6/2019  
LOCATION EXCEPTION ORDER NO. 675204 Dismissed  
INCREASED DENSITY ORDER NO. 69458

CASING & CEMENT (Form 1002C must be attached)

TYPE	SIZE	WEIGHT	GRADE	FEET	PSI	SAX	TOP OF CMT
CONDUCTOR			A-52	105	0		SURFACE
SURFACE	13 3/8	54.5	J-55	1,529	160	792	SURFACE
INTERMEDIATE	9 5/8	40	HCP-110	11,598	1980	1074	6,113
PRODUCTION	5 1/2	23	P-110	20,617	0	4475	SURFACE
LINER							
				TOTAL DEPTH	20,617		

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

COMPLETION & TEST DATA BY PRODUCING FORMATION

FORMATION	WOODFORD	MISSISSIPPIAN	
SPACING & SPACING ORDER NUMBER	676418 (640)	676418 (640)	
CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc	GAS	Gas	
PERFORATED INTERVALS	15,728-17,410'	17,438-18,170'	
ACID/VOLUME	2,599 BBLS	611 BBLS	
FRACTURE TREATMENT (Fluids/Prop Amounts)	202,149 BBLS	36,589 BBLS	
	9,110,191 LBS	1,902,909 LBS	PROPPANT

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

☐

OR

Oil Allowable (165:10-13-3)

Gas Purchaser/Measurer

First Sales Date

ONEOK

9/9/2018

INITIAL TEST DATA

INITIAL TEST DATE	10/25/2018			
OIL-BBL/DAY	80			
OIL-GRAVITY ( API)	50			
GAS-MCF/DAY	4,219			
GAS-OIL RATIO CU FT/BBL	52,738			
WATER-BBL/DAY	1,704			
PUMPING OR FLOWING	FLOWING			
INITIAL SHUT-IN PRESSURE	1,382			
CHOKE SIZE	32			
FLOW TUBING PRESSURE	1,181			

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.

Cori-Dawn Fields

SIGNATURE

CORI-DAWN FIELDS

NAME (PRINT OR TYPE)

3/6/2019

405-842-7888

DATE

PHONE NUMBER

3817 NW EXPRESSWAY STE 810

OKLAHOMA CITY

OK

73112

cfields@echoenergy.com

ADDRESS

CITY

STATE

ZIP

EMAIL ADDRESS

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	12,244
WOODFORD	15,210

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    X no

Date Last log was run      \_\_\_\_\_

Was CO<sub>2</sub> encountered?             yes    X no      at what depths? \_\_\_\_\_

Was H<sub>2</sub>S encountered?             yes    X no      at what depths? \_\_\_\_\_

Were unusual drilling circumstances encountered?             yes    X no

If yes, briefly explain below

Other remarks:

[illegible]

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.

A blank 10x10 grid for graphing. The grid is composed of 10 columns and 10 rows of squares. A thick vertical line runs down the center, separating the first five columns from the last five columns. A thick horizontal line runs across the middle, separating the first five rows from the last five rows. The grid is used for plotting the graph of the function  $y = \frac{1}{2}x^2$  for  $-10 \leq x \leq 10$  and  $0 \leq y \leq 10$ .

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

LATERAL #1											
SEC	20	TWP	5N	RGE	6W	COUNTY GRADY					
Spot Location						Feet From 1/4 Sec Lines		FNL	423	FEL	2592
NW		1/4		NW		1/4		NW		1/4	
NE		1/4		NE		1/4					
Depth of Deviation				15,345		Radius of Turn		310		Direction	
								360		Total Length	
										4,738	
Measured Total Depth				20,617		True Vertical Depth		17,049		BHL From Lease, Unit, or Property Line:	
										432 FNL 2592 FEL	

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

API NO. 051-24340  
OTC PROD. UNIT NO. 051-224333

(PLEASE TYPE OR USE BLACK INK ONLY)

OKLAHOMA CORPORATION COMMISSION

Oil & Gas Conservation Division

Post Office Box 52000

Oklahoma City, Oklahoma 73152-2000

Rule 165:10-3-25

COMPLETION REPORT

RECEIVED

MAR 13 2019

Oklahoma Corporation  
Commission

Form 1002A

Rev. 2009

1016EZ

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 GRADY SEC 20 TWP 5N RGE 6W  
LEASE NAME VENUS  
WELL NO. 1-20H 1st PROD DATE 9/9/2018  
NE 1/4 SE 1/4 SE 1/4 SW 1/4 FSL OF 1/4 SEC 340' FWL OF 1/4 SEC 2435' RECOMP DATE  
ELEVATION Ground 1171 Latitude (if known) 34.884965 Longitude (if known) -97.856031  
OPERATOR NAME ECHO E & P LLC OTC/OCC OPERATOR NO. 23925  
ADDRESS 3817 NW EXPRESSWAY STE 810  
CITY OKLAHOMA CITY STATE OK ZIP 73112-1470

COMPLETION TYPE

☐ SINGLE ZONE  
☐ MULTIPLE ZONE  
☒ COMMINGLED  
Application Date 3/6/2019  
LOCATION EXCEPTION ORDER NO. 675204 Dismissed  
INCREASED DENSITY ORDER NO. 69459

CASING & CEMENT (Form 1002C must be attached)

TYPE	SIZE	WEIGHT	GRADE	FEET	PSI	SAX	TOP OF CMT
CONDUCTOR			A-52	105	0		SURFACE
SURFACE	13 3/8	54.5	J-55	1,529	160	792	SURFACE
INTERMEDIATE	9 5/8	40	HCF-110	11,598	1980	1074	6,113
PRODUCTION	5 1/2	23	P-110	20,617	0	4475	SURFACE
LINER							
				TOTAL DEPTH	20,617		

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

COMPLETION & TEST DATA BY PRODUCING FORMATION

319 WDFD 359 MBS

FORMATION	WOODFORD	MISSISSIPPIAN	
SPACING & SPACING ORDER NUMBER	676418 (640) H	676418 (640) H	
CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc	GAS	Gas	
PERFORATED INTERVALS	15,728-17,410'	17,438-18,170'	
	18,198-20,450'		
ACID/VOLUME	2,599 BBLS	611 BBLS	
FRACTURE TREATMENT (Fluids/Prop Amounts)	202,149 BBLS	36,589 BBLS	
	9,110,191 LBS	1,902,909 LBS	PROPPANT

Reported to Frac Focus

INITIAL TEST DATA

INITIAL TEST DATE	10/25/2018	
OIL-BBL/DAY	80	
OIL-GRAVITY (API)	50	
GAS-MCF/DAY	4,219	
GAS-OIL RATIO CU FT/BBL	52,738	
WATER-BBL/DAY	1,704	
PUMPING OR FLOWING	FLOWING	
INITIAL SHUT-IN PRESSURE	1,382	
CHOKE SIZE	32	
FLOW TUBING PRESSURE	1,181	

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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 CORI-DAWN FIELDS 3/6/2019 405-842-7888  
3817 NW EXPRESSWAY STE 810 OKLAHOMA CITY OK 73112  
ADDRESS CITY STATE ZIP  
EMAIL ADDRESS cfields@echoenergy.com

SCANNED

### FORMATION RECORD

LEASE NAME VENUS WELL NO. 1-20H

NAMES OF FORMATIONS	TOP
MISSISSIPPIAN	12,244
WOODFORD	15,210

FOR COMMISSION USE ONLY	
ITD on file	<input type="checkbox"/> YES <input type="checkbox"/> NO
APPROVED	DISAPPROVED
2) Reject Codes  <hr/> <hr/> <hr/> <hr/> <hr/>	

Were open hole logs run?      ☐ yes    ☒ no

Date Last log was run      \_\_\_\_\_

Was CO<sub>2</sub> encountered?      ☐ yes    ☒ no    at what depths? \_\_\_\_\_

Was H<sub>2</sub>S encountered?      ☐ yes    ☒ no    at what depths? \_\_\_\_\_

Were unusual drilling circumstances encountered?      ☐ yes    ☒ no

If yes, briefly explain below

Other remarks:

[illegible]

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.

640 Acres

A blank 10x10 grid for drawing a 10-sided polygon.

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	20	TWP	5N	RGE	6W	COUNTY GRADY					
Spot Location						Feet From 1/4 Sec Lines	FNL	423	FEL	2592	
NW		1/4		NW		1/4		NW		1/4	
NE		1/4		NE		1/4					
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								360		Total Length	
										4,738	
Measured Total Depth				20,617		True Vertical Depth		17,049		BHL From Lease, Unit, or Property Line:	
										432 FNL 2592 FEL	

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