

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.: 35151235340004

**Completion Report**

Spud Date: July 14, 2012

OTC Prod. Unit No.:

Drilling Finished Date: September 14, 2012

**Amended**

1st Prod Date:

Amend Reason: ACID WORK / REPLACE INJECTION STRING

Completion Date: September 19, 2012

Recomplete Date: February 06, 2020

**Drill Type: DIRECTIONAL HOLE**

**SERVICE WELL**

Well Name: LOHMANN SWD 1-16

Purchaser/Measurer:

Location: WOODS 16 26N 13W  
NE NW NE NW  
200 FNL 1855 FWL of 1/4 SEC  
Latitude: 36.73880556 Longitude: -98.60583333  
Derrick Elevation: 0 Ground Elevation: 1417

First Sales Date:

Operator: AMPLIFY OKLAHOMA OPERATING LLC 23079

500 DALLAS ST STE 1700  
HOUSTON, TX 77002-4800

Completion Type		Location Exception		Increased Density	
X	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	16	75	J-55	475		500	SURFACE
INTERMEDIATE	13 3/8	54.5	J-55	1020		815	SURFACE
PRODUCTION	9 5/8	43.5	N-80	6908		630	1900

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

**Total Depth: 9378**

Packer		Plug	
Depth	Brand & Type	Depth	Plug Type
6830	9-5/8" AS1-X	9149	CEMENT

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
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There are no Initial Data records to display.

### Completion and Test Data by Producing Formation

Formation Name: ARBUCKLE

Code: 169ABCK

Class: DISP

#### Spacing Orders

Order No

Unit Size

There are no Spacing Order records to display.

#### Perforated Intervals

From

To

There are no Perf. Intervals records to display.

#### Acid Volumes

4,000 GALLONS 18% HCL WITH NEFE

#### Fracture Treatments

NONE

Formation	Top
OSWEGO	5383
CHEROKEE	5520
RED FORK	5622
MISSISSIPPI CHAT	5733
MISSISSIPPI	5764
KINDERHOOK	6310
WOODFORD	6406
SYLVAN	6446
VIOLA	6514
SIMPSON DOLOMITE	6628
1ST WILCOX	6658
2ND WILCOX	6680
ARBUCKLE	6872
REGAN SS	9322
GRANITE	9352

Were open hole logs run? Yes

Date last log run:

Were unusual drilling circumstances encountered? No

Explanation:

#### Other Remarks

FEBRUARY 3, 2020: LAID DOWN 164 JOINTS 7" 26# L-80 INJECTION STRING.  
FEBRUARY 4, 2020: REPLACED INJECTION STRING WITH 4.5", PUMPED PACKER FLUID.  
FEBRUARY 6, 2020: PUMPED 500 GALLONS XYLENE, 4,000 GALLONS 18% HCL WITH NEFE, FLUSHED WITH 100 BARRELS OF WATER.  
OCC - THIS WELL IS AN OPEN HOLE COMPLETION FROM BOTTOM OF 9 5/8" CASING AT 6,908' TO TOP OF CEMENT PLUG AT 9,149'.  
UIC PERMIT NUMBER 1202590025

#### Bottom Holes

Sec: 16 TWP: 26N RGE: 13W County: WOODS

CSESW

660 FSL 1980 FWL of 1/4 SEC

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

Measured Total Depth: 9378 True Vertical Depth: 8293 End Pt. Location From Release, Unit or Property Line: 660

FOR COMMISSION USE ONLY

Status: Accepted

1145010

API NO. 3515123534000  
OTC PROD.  
UNIT NO.

(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

Form 1002A  
Rev. 2009

☐ ORIGINAL  
☒ AMENDED (Reason) Acid Work/Replace Injection String

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 Woods SEC 16 TWP 26N RGE 13W  
LEASE NAME Lohmann (SWD) WELL NO. 1-16  
NE 1/4 NW 1/4 NE 1/4 NW 1/4 FNL OF 1/4 SEC 200 FWL OF 1/4 SEC 1855 RECOMP DATE Sept 10, 2012  
ELEVATION Ground 1417 Latitude (if known) 36.7388056 Longitude (if known) -98.6058333  
OPERATOR NAME Amplify Oklahoma Operating LLC OTC / OCC OPERATOR NO. 23079  
ADDRESS 500 Dallas Street, Suite 1700  
CITY Houston STATE TX ZIP 77002

640 Acres  
LOCATE WELL

COMPLETION TYPE  
☒ SINGLE ZONE  
☐ MULTIPLE ZONE  
Application Date  
☐ COMMINGLED  
Application Date  
LOCATION EXCEPTION ORDER NO.  
INCREASED DENSITY ORDER NO.

TYPE	SIZE	WEIGHT	GRADE	FEET	PSI	SAX	TOP OF CMT
CONDUCTOR							
SURFACE	16	75#	J-55	475'		500	surface
INTERMEDIATE	13 3/8	54.5#	J-55	1020'		815	surface
PRODUCTION	9 5/8	43.5#	N-80	6908'		630	1900
LINER tubing	4 1/2	11.6#	N-80	6660'			

PACKER @ 6,830 BRAND & TYPE 9-5/8" AS1-X PLUG @ 9149 TYPE Cement PLUG @  TYPE   
PACKER @  BRAND & TYPE  PLUG @  TYPE  PLUG @  TYPE   
TOTAL DEPTH 9378

COMPLETION & TEST DATA BY PRODUCING FORMATION 169A BCK

FORMATION	<u>Arbuckle</u>						<u>No Fac</u>
SPACING & SPACING ORDER NUMBER	<u>None</u>						
CLASS: Oil, Gas, Dry, Inj, Disp, Comm Disp, Svc	<u>Disp</u>						
PERFORATED INTERVALS	<u>N/A</u>						
	<u>Open Hole</u>						
ACID/VOLUME	<u>4000 gallons 18% HCL with NEFE</u>						
FRACTURE TREATMENT (Fluids/Prop Amounts)	<u>none</u>						

Min Gas Allowable (165:10-17-7) ☐ OR Gas Purchaser/Measurer N/A  
Oil Allowable (165:10-13-3) ☐ First Sales Date

INITIAL TEST DATA

INITIAL TEST DATE	<u>N/A Disposal Well</u>					
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						

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.

Rachel Milne Rachel Milne 3/17/2020 303-309-1656  
SIGNATURE NAME (PRINT OR TYPE) DATE PHONE NUMBER  
500 Dallas Street Suite 1700 Houston TX 77002  
ADDRESS CITY STATE ZIP  
rachel.milne@amplifyenergy.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.

NAMES OF FORMATIONS	TOP
Oswego	5,383
Cherokee	5,520
Red Fork	5622
Miss Chat	5,733
Mississippi	5,764
Kinderhook	6,310
Woodford	6,406
Sylvan	6,446
Viola	6,514
Simpson Dolomite	6,628
1st Wilcox	6,658
2nd Wilcox	6,680
Arbuckle	6,872
Regan SS	9,322
Granite	9,352

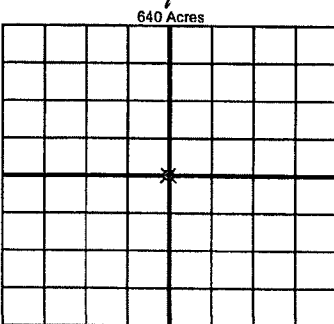
LEASE NAME Lohmann SWD

WELL NO. 1-16

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?	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
Date Last log was run	<u>N/A</u>
Was CO <sub>2</sub> encountered?	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no at what depths? _____
Was H <sub>2</sub> S encountered?	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no at what depths? _____
Were unusual drilling circumstances encountered?	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no
If yes, briefly explain below	

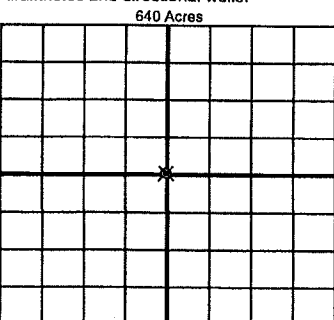
Other remarks: 2/3/2020: Laid down 164 joints 7" 26# L-80 injection string  
2/4/2020 replaced injection string with 4.5", pumped packer fluid  
2/6/2020: Pumped 500 gal xylene, 4000 gallons 18% HCL with NEFE, flushed with 100 bbls of water  
OCC - This well is an open hole completion from bottom of  
9 5/8" casing at 6908' to top cement at 9149' Plug  
UIC - permit 1202590025



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.



BOTTOM HOLE LOCATION FOR DIRECTIONAL HOLE

SEC 16	TWP 26N	RGE 13W	COUNTY Woods
Spot Location		Feet From 1/4 Sec Lines	
1/4 C 1/4 SE 1/4 SW 1/4		FSL 660	FWL 1980
Measured Total Depth	True Vertical Depth	BHL From Lease, Unit, or Property Line:	
9378'	8293'	660	

BOTTOM HOLE LOCATION FOR HORIZONTAL HOLE: (LATERALS)

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