



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1158889  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
August 2013

Form must be Typed  
Form must be Signed  
All blanks must be Filled

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

- New Well       Re-Entry       Workover
- Oil       WSW       SWD       SIOW
- Gas       D&A       ENHR       SIGW
- OG       GSW       Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic       Other (Core, Expl., etc.): \_\_\_\_\_

If Workover/Re-entry: Old Well Info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

- Deepening       Re-perf.       Conv. to ENHR       Conv. to SWD
- Plug Back       Conv. to GSW       Conv. to Producer
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
-----------------------------------	-----------------	---

API No. 15 - \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE       NW       SE       SW

GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_  
(e.g. xx.xxxxx)      (e.g. -xxx.xxxxx)

Datum:  NAD27       NAD83       WGS84

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Vertical Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan

*(Data must be collected from the Reserve Pit)*

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

Location of fluid disposal if hauled offsite:

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Confidentiality Requested  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_



1158889

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**INSTRUCTIONS:** Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No  List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
--	---

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  Yes  No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:      Size: \_\_\_\_\_ Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  Yes  No

Date of First, Resumed Production, SWD or ENHR: \_\_\_\_\_ Producing Method:  
 Flowing  Pumping  Gas Lift  Other *(Explain)* \_\_\_\_\_

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
--	---	---

Conservation Division  
Finney State Office Building  
130 S. Market, Rm. 2078  
Wichita, KS 67202-3802



Phone: 316-337-6200  
Fax: 316-337-6211  
<http://kcc.ks.gov/>

Mark Sievers, Chairman  
Thomas E. Wright, Commissioner  
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

September 18, 2013

ALAN THROWER  
Redland Resources, Inc.  
6001 NW 23RD ST  
OKLAHOMA CITY, OK 73127-1253

Re: ACO1  
API 15-007-24017-00-00  
PHOEBE ANN 17-7  
NE/4 Sec.17-35S-12W  
Barber County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,  
ALAN THROWER



# MAP EXPLORATION, INC.

MICHAEL ANTHONY POLLOK, PRES.

P.O. Box 106 ■ PURCELL, OKLAHOMA 73080  
OFFICE 405/527-6038 ■ HOME 405/527-5200 ■ MOBILE 405/823-4493 ■ FAX 405/527-7629  
■ E-MAIL: mapexpl@aol.com

## GEOLOGICAL REPORT PHOEBE ANN 17-7 NE/4 SECTION 17-T35S-R12W BARBER COUNTY, KANSAS

### Summary

The above noted well was drilled to a depth of 5,113 feet on June 6, 2013. A one-man logging unit was on location from 3,450 feet, with one-man logging beginning at 3,700 feet. At TD, Weatherford electric logs were run that consisted of Dual Induction, Compensated Neutron-Density, and Micro-log. From the data collected while drilling and analyzing, 100 feet of potential hydrocarbon shows were encountered in the Mississippian. The decision was made to set production casing and complete the well in the Mississippian.

### Mississippian

The top of the Mississippian was encountered at 4,852 (-3,440) feet and samples consisted of chert, limestone, and some shale. Chert samples were described as translucent, white, tan, brown, and cream. Fresh and tripolitic chert was seen possessing micro-crystalline and very fine textures. Traces of glauconitic specks were noted along with pin-point, good pin-point, and fracture porosities. Fluorescence ranged from faint to bright with good streaming and flash cuts. Dark oil staining was noted with odors ranging from good to strong. The limestone samples were described as cream, tan, and brown with textures noted as micro-crystalline and fine crystalline. They were firm to hard with glauconitic specks and abundant chert. Pin-point and fracture porosities were noted with traces of chalky lime in the fractures. Dull and bright fluorescence were recorded, no visible staining, good streaming cut in a few of the cuttings, and a faint odor. The gas chromatograph recorded kicks of 295 and 404 units. The electric logs indicated a porosity interval of 96 feet with an average porosity of 25% and as high as 38% in the chert.

## ELECTRIC LOG TOPS

	REDLAND RESOURCES PHOEBE ANN 17-7 NE/4 17-T35S-R12W	REDLAND RESOURCES GREGORY 16-2 NE/4 17-T35S-R12W	REDLAND RESOURCES ACHENBACH 17-1 NE/4 17-T35S-R12W
BS. HEEBNER (Subsea)	3,872' (-2,460')	3,859' (-2,450')	4,005' (-1,492')
BS AVANT (Subsea)	4,404' (-2,992')	4,406' (-2,997')	4,408' (-2,984')
T/STARK (Subsea)	4,559' (-3,147')	4,561' (-3,152')	4,566' (-3,142')
T/CHEROKEE SH. (Subsea)	4,776' (-3,364')	4,779' (-3,370')	4,782' (-3,358')
T/MISSISSIPPIAN (Subsea)	4,852' (-3,440')	4,842' (-3,433')	4,854' (-3,430')

**Conclusion**

The Phoebe Ann 17-7 was drilled for the potential hydrocarbon production in the Mississippian, which should be commercially productive. After all the data was collected and analyzed, the decision was made to set casing and attempt completion in the Mississippian.

Respectfully Submitted,



Bill Busch  
Petroleum Geologist  
6/12/13



# ALLIED OIL & GAS SERVICES, LLC 059536

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 93999  
SOUTHLAKE, TEXAS 76092

SERVICE POINT:  
Medicine Lodge, KS

DATE <u>6-4-2013</u>	SEC. <u>17</u>	TWP. <u>35S</u>	RANGE <u>12W</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <u>Phoebe</u>	WELL # <u>17-7</u>	LOCATION <u>Horstner, KS 3/4 South</u>			COUNTY <u>Barber</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)				<u>egst into</u>			

CONTRACTOR Duke #7  
 TYPE OF JOB Surface  
 HOLE SIZE 17 1/2 T.D. 270  
 CASING SIZE 13 3/8 DEPTH 251  
 TUBING SIZE 8 5/8 L5 DEPTH 17'  
 DRILL PIPE DEPTH  
 TOOL DEPTH  
 PRES. MAX MINIMUM  
 MEAS. LINE SHOE JOINT  
 CEMENT LEFT IN CSG. 20'  
 PERFS.  
 DISPLACEMENT 37 bbls of fresh water

OWNER Pedion Resources

CEMENT  
 AMOUNT ORDERED 250sx class A + 3% gel  
2% gel

COMMON	<u>250 SX @ 17.90</u>	<u>4475.00</u>
POZMIX	@	
GEL	<u>5 SX @ 23.40</u>	<u>117.00</u>
CHLORIDE	<u>9 SX @ 64.00</u>	<u>576.00</u>
ASC	@	
	@	
	@	
	@	
	@	
	@	
	@	
	@	
HANDLING	<u>270.41 @ 2.48</u>	<u>670.61</u>
MILEAGE	<u>12.33/25/2.60</u>	<u>801.93</u>
		TOTAL <u>6640.54</u>

EQUIPMENT

PUMP TRUCK CEMENTER Darin F  
 # 471-265 HELPER Jake H.  
 BULK TRUCK  
 # 421-250 DRIVER James B.  
 BULK TRUCK  
 # DRIVER

REMARKS:  
Cement did Circulate

CHARGE TO: Pedion Resources  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

SERVICE

DEPTH OF JOB	<u><del>270</del> 263'</u>	
PUMP TRUCK CHARGE	<u>1512.25</u>	
EXTRA FOOTAGE	@	
MILEAGE	<u>25 @ 7.70</u>	<u>192.50</u>
MANIFOLD	@	
<u>L.V 25</u>	<u>@ 4.40</u>	<u>110.00</u>
	@	
		TOTAL <u>1814.75</u>

PLUG & FLOAT EQUIPMENT

None

	@	
	@	
	@	
	@	
	@	
		TOTAL _____

To: Allied Oil & Gas Services, LLC.  
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME X Alaska  
 SIGNATURE X Waters  
Thank you!!!

SALES TAX (if Any) \_\_\_\_\_  
 TOTAL CHARGES 8455.29  
 DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS  
NET 6764.23