

ORIGINAL

### KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form ACO-1  
June 2009

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

## WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 31847  
 Name: Bradley Oil Company  
 Address 1: PO Box 21614  
 Address 2: \_\_\_\_\_  
 City: Oklahoma City State: OK Zip: 73156 1614  
 Contact Person: Bradd Schwartz  
 Phone: (405) 823-8136  
 CONTRACTOR: License # 33734  
 Name: HAT Drilling Company  
 Wellsite Geologist: none  
 Purchaser: Pacer Energy

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  
 Conv. to GSW  
 Plug Back: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_  
 Commingled     Permit #: \_\_\_\_\_  
 Dual Completion     Permit #: \_\_\_\_\_  
 SWD     Permit #: \_\_\_\_\_  
 ENHR     Permit #: \_\_\_\_\_  
 GSW     Permit #: \_\_\_\_\_

<u>10/04/2011</u>	<u>10/04/2011</u>	<u>10/05/2011</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 091235570000  
 Spot Description: see below  
NEW NW SW NW Sec. 28 Twp. 14 S. R. 22  East  West  
3624 3648 Feet from  North /  South Line of Section  
5280 5284 Feet from  East /  West Line of Section  
GPS-KCC  
 Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
 County: Johnson  
 Lease Name: Phegley Well #: 1-20  
 Field Name: Gardner South  
 Producing Formation: Bartlesville  
 Elevation: Ground: n/a Kelly Bushing: n/a  
 Total Depth: 940 Plug Back Total Depth: \_\_\_\_\_  
 Amount of Surface Pipe Set and Cemented at: 45 Feet  
 Multiple Stage Cementing Collar Used?  Yes  No  
 If yes, show depth set: \_\_\_\_\_ Feet  
 If Alternate II completion, cement circulated from: 932  
 feet depth to: Ø w/ 140 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 #: \_\_\_\_\_

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

**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.  
 Signature: Bradd Oly

**KCC Office Use ONLY**  
 Letter of Confidentiality Received  
 Date: \_\_\_\_\_ **RECEIVED**  
 Confidential Release Date: \_\_\_\_\_ **DEC 02 2011**  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
Alt 2-Dlg - 12/1/11 **KCC WICHITA**

Operator Name: Bradley Oil Company Lease Name: Phegley Well #: 1-20  
 Sec. 28 Twp. 14 S. R. 22  East  West County: Johnson

**INSTRUCTIONS:** Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run: <b>Gamma Ray/Neutron</b>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td><b>Bartlesville</b></td> <td><b>886</b></td> <td><b>895</b></td> </tr> <tr> <td><b>Total Depth</b></td> <td><b>940</b></td> <td></td> </tr> </table>	Name	Top	Datum	<b>Bartlesville</b>	<b>886</b>	<b>895</b>	<b>Total Depth</b>	<b>940</b>	
Name	Top	Datum								
<b>Bartlesville</b>	<b>886</b>	<b>895</b>								
<b>Total Depth</b>	<b>940</b>									

CASING RECORD <input type="checkbox"/> New <input checked="" 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
surface casing	7 5/8	7"	n/a	45'	portland	5	
Production	5 5/8	2 7/8	n/a	940' 932'	50/50 poz	140	

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				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
3	886-895	spot acid on perforations	

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TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____
Estimated Production Per 24 Hours	Oil Bbbs. Gas Mcf Water Bbbs. Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <b>886-895</b>
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**CONSOLIDATED**  
Oil Well Services, LLC

PO Box 884, Chanute, KS 66720  
620-431-9210 or 800-467-8676

**FIELD TICKET & TREATMENT REPORT  
CEMENT**

TICKET NUMBER 32915  
LOCATION Ottawa  
FOREMAN Alan Mader

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY	
10-5-11	1601	Phegley PHI-20	NW 28	14	22	To	
CUSTOMER Bradley Oil			TRUCK # DRIVER TRUCK # DRIVER				
MAILING ADDRESS P.O. Box 21614			516	Alan M	Safety	Meat	
CITY STATE ZIP CODE Oklahoma City OK 73151			495	Harold B	HJB		
			370	Casey K	CF		
			510	Keith D	KD		
JOB TYPE	long string	HOLE SIZE	5 7/8	HOLE DEPTH	940	CASING SIZE & WEIGHT	2 7/8
CASING DEPTH	932	DRILL PIPE		TUBING		OTHER	
SLURRY WEIGHT		SLURRY VOL		WATER gal/sk		CEMENT LEFT in CASING	yes
DISPLACEMENT	3.4	DISPLACEMENT PSI	800	MIX PSI	800	RATE	5 bpm
REMARKS: held crew meeting. Established rate. Mixed & pumped 100# gel to flush hole. followed by 140 sk 50/50 po2. plus 2% gel. Circulated cement. Flushed pump. Pumped plus to casing TD. Well held 800 PST set float. Closed valve.							

Hat, Eric  
*Alan Mader*

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE		975.00
5406	30	MILEAGE		120.00
5402	932	casing footage		
5407	min	ten miles		330.00
5502C	2	BD vac		180.00
1124	140 sk	50/50 po2		1463.00
112B	335 #	gel		67.00
4402	1	2 1/2 plug		28.00
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244837				
SALES TAX				117.24
ESTIMATED TOTAL				3280.24

NO COMPANY REP  
AUTHORIZATION Jim Okid TITLE \_\_\_\_\_ DATE \_\_\_\_\_

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

HAT DRILLING  
 12371 KS HWY 7  
 MOUND CITY, KS 66056  
 LICENSE # 33734

Phegley PH I-20  
 API # 15-091-23557-00-00  
 SPUD DATE 10-4-11

Footage	Formation	Thickness	Set 45' of 8 5/8" TD 940' Ran 932' of 2 7/8
2	Topsoil	2	
29	clay	27	
67	shale	38	
72	lime	5	
77	shale	5	
96	lime	19	
102	shale	6	
111	lime	9	
118	shale	7	
138	lime	20	
158	shale	20	
172	lime	14	
180	shale	8	
235	lime	55	
256	shale	21	
264	lime	8	
283	shale	19	
290	lime	7	
297	shale	7	
304	lime	7	
349	shale	45	
375	lime	26	
384	shale	9	
428	lime	44	
611	shale	183	
622	lime	11	
639	shale	17	
642	lime	3	
734	shale	92	
739	lime	5	
885	shale	146	
890	sand	5	good odor, good bleed
892	black sand	2	
940	shale	48	

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 DEC 02 2011  
 KCC WICHITA