

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

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 # 31106

Name: Harper Jay, dba Harper Oil Company

Address 1: 1599 E. 5200 St.

Address 2: _____

City: Cherryvale State: Ks Zip: 67335 + _____

Contact Person: Jay Harper

Phone: (620) 331-9738

CONTRACTOR: License # 5675

Name: McPherson, Ron dba McPherson Drilling

Wellsite Geologist: _____

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>11/02/2010</u>	<u>11/03/2010</u>	<u>11/18/2010</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 125-32010-00-00

Spot Description: SW NW SW NE

SW NW SW NE Sec. 5 Twp. 33 S. R. 16 East West

3,410 Feet from North / South Line of Section

2,550 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Montgomery

Lease Name: Atlas Well #: 4b

Field Name: Brewster

Producing Formation: Arbuckle

Elevation: Ground: 782 Kelly Bushing: 785

Total Depth: 1329 Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: 20 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: 20

feet depth to: 0 w/ 5 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: Jay Harper

Title: Owner Date: 6/20/2011

KCC Office Use ONLY

- Letter of Confidentiality Received
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: Dg Date: 7/8/11

Operator Name: Harper Jay,dba Harper Oil Company Lease Name: Atlas Well #: 4b
 Sec. 5 Twp. 33 S. R. 16 East West County: Montgomery

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Gamma Ray Nuetron	<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>Oswego</td> <td>525</td> <td>Limestone</td> </tr> <tr> <td>Mississippi</td> <td>1011</td> <td>LS</td> </tr> <tr> <td>Compton</td> <td>1282</td> <td>LS</td> </tr> </table>	Name	Top	Datum	Oswego	525	Limestone	Mississippi	1011	LS	Compton	1282	LS
Name	Top	Datum											
Oswego	525	Limestone											
Mississippi	1011	LS											
Compton	1282	LS											

CASING RECORD <input checked="" 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
Surface	11"	8.6250	20	20	Portland	5	none
Production	6 3/4	4.5000	9.5	1305	Thick Set	130	none

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
0	Open hole		1305-1329
		RECEIVED	
		JUN 27 2011	
		KCC WICHITA	

TUBING RECORD: Size: <u>2 3/8</u> Set At: <u>500'</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>11/20/2010</u>		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____
Estimated Production Per 24 Hours	Oil Bbls. <u>10</u>	Gas Mcf <u>0</u> Water Bbls. <u>100</u> Gas-Oil Ratio _____ Gravity <u>24</u>

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input checked="" type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input checked="" 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 (Specify) _____	PRODUCTION INTERVAL: <u>1328-1329</u>
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McPherson Drilling LLC Drillers Log

Rig Number: 1	S. 5	T. 33	R.16 E
API No. 15- 125-32010	County: MG		
Elev. 782	Location:		

Operator: Jay Harper Oil Co.	Lease Name: HARPER OIL CO.
Address: 1599 E 5200 St Cherryvale, KS 67335	
Well No: 4B	
Footage Location: 3410 ft. from the SOUTH Line 2550 ft. from the EAST Line	
Drilling Contractor: McPherson Drilling LLC	
Spud date: 11/2/2010	Geologist:
Date Completed: 11/13/2010	Total Depth: 1305

Gas Tests:
RECEIVED JUN 27 2011 KCC WICHITA
Comments: Start injecting @ 430'

Casing Record			Rig Time:	
	Surface	Production		HRS. GAS TEST
Size Hole:	11"	6 3/4		
Size Casing:	8 5/8"			DAY BOOSTER
Weight:	20#			
Setting Depth:	21	MCPHERSON		
Type Cement:	Portland		DRILLER:	Andy Coats
Sacks:	4	MCPHERSON		

Well Log									
Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.	
lime	0	2	black shale	563	572	coal	998	1000	
shale	2	4	lime	572	581	shale	1000	1011	
lime	4	23	shale	581	584	miss	1011	1098	
shale	23	40	lime	584	595	brake	1098	1104	
lime	40	49	black shale	595	601	lime	1104	1275	
black shale	49	50	coal	601	603	geen shale	1275	1282	
shale	50	105	lime	603	308	lime	1282	1286	
lime	105	120	shale	308	312	shale	1286	1305	
shale	120	192	coal	312	613				TD
black shale	192	198	shale	613	621				
shale	198	201	coal	621	622				
lime	201	243	shale	622	645				
lime	243	260	lime	645	646				
shale	260	296	coal	646	647				
lime	296	305	shale	647	685				
shale	305	312	coal	685	687				
lime	312	318	shale	687	692				
shale	318	354	sand shale	692	759				
sand shale	354	371	coal	759	760				
shale	371	442	shale	760	782				
lime	442	467	coal	782	784				
black shale	467	473	shale	784	940				
shale	473	525	coal	940	942				
lime	525	563	shale	942	998				

Shale To 1311
Lime-hard 1311-1312
Shale 1312-1328
Lime-ool 1328-1329
TD 1329



CONSOLIDATED
Oil Well Services, LLC

TICKET NUMBER 29386

LOCATION Bartholomew, OK

FOREMAN Vicki Sanders

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

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
11-4-10		Atlas #4B	5	33S	11E	Marshall
CUSTOMER			TRUCK #	DRIVER	TRUCK #	DRIVER
Hager Oil			398	John		
MAILING ADDRESS			551	Bryan		
			Nimbley's			
CITY	STATE	ZIP CODE				

JOB TYPE LS HOLE SIZE 6 3/4 HOLE DEPTH _____ CASING SIZE & WEIGHT 4 1/2
 CASING DEPTH 1305' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 13.5 SLURRY VOL 1.75 WATER gal/sk _____ CEMENT LEFT in CASING 0
 DISPLACEMENT 21.1 DISPLACEMENT PSI 500 MIX PSI 200 RATE 4.56pm

REMARKS: Run gel/lcm to est. circ. cap 1305' of thick set cement.
Washed w/9 pump & lines, dropped plug & disp. to set. Shut in
& washed up.
Plug Hable
— Circ Cement to Surf. —
← Paid on Location Check # 8933 →

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE		925 ⁰⁰
5406	50	MILEAGE		182 ⁵⁰
5407	1	Bulk Trk		315 ⁰⁰
5402	1305'	Footage		211 ⁰⁰
5501C	3 hrs.	Transport		336 ⁰⁰
				RECEIVED
				JUN 27 2011
1126A	1305 ⁰⁰	Thick Set Cement	*	2211 ⁰⁰
1107A	80 [#]	Plena Seal	*	72 ⁰⁰
1110A	605 [#]	Kal Seal	*	273 ⁰⁰
1118B	150 [#]	Premium Gel	*	31 ⁰⁰
1123	5,460 gal	City Water	*	81 ³⁵
441 00	1 ⁰⁰	4 1/2 Rubber Plug (Wood)	*	59 ⁰⁰
				← 10% Discounted Price \$4,444 ⁰⁰ →
				SALES TAX
				172 ⁹⁶
				ESTIMATED TOTAL
				4,937 ⁸¹

Ravin 3737
 AUTHORIZATION [Signature] 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.

TERMS

In consideration of the prices to be charged for Consolidated Oil Well Services, LLC (COWS) services, equipment and products and for the performance of services and supplying of materials, Customer agrees to the following terms and conditions.

Terms. Cash in advance unless satisfactory credit is established. On credit sales, invoices are payable within 30 days of the invoice date. On all invoices not paid within 30 days, Customer agrees to pay COWS interest at the rate of 18% per annum or the maximum rate allowed by law, whichever is higher. In the event COWS retains an attorney to pursue collection of any account, Customer agrees to pay all collection costs and attorney's fees incurred by COWS.

Any applicable federal, state or local sales, use, occupation, consumer's or emergency taxes shall be added to the quoted price. A sales tax reimbursement of 2% is applied to chemical and product charges for all services performed on oil and gas wells in the State of Texas. All process license fees required to be paid to others will be added to the scheduled prices.

All COWS' prices are subject to change without notice.

SERVICE CONDITIONS

Customer warrants that the well is in proper condition to receive the services, equipment, products and materials to be supplied by COWS. The Customer shall at all times have complete care, custody, and control of the well, the drilling and production equipment at the well, and the premises about the well. A responsible representative of the Customer shall be present to specify depths, pressures, or materials used for any service which is to be performed.

(a) COWS shall not be responsible for any claim, cause of action or demand (hereinafter referred to as a 'claim') for damage to property, or injury to or death of employees and representatives, of Customer or the well owner (if different from Customer), unless such damage, injury or death is caused by the willful misconduct or gross negligence of COWS, including but not limited to sub-surface damage and surface damage arising from sub-surface damage.

(b) Unless a claim is the result of the sole willful misconduct or gross negligence of COWS, Customer shall be responsible for and indemnify and hold COWS harmless from any claim for: (1) reservoir loss or damage, or property damage resulting from sub-surface pressure, losing control of the well and/or a well blowout; (2) damages as a result of a subsurface trespass, or an action in the nature thereof, arising from a service operation performed by COWS; (3) injury to or death of persons, other than employees of COWS, or damage to property (including, but not limited to, injury to the well), or any damages whatsoever, irrespective of cause, growing out of or in any way connected with the use of radioactive material in the well hole; and (4) well damage or reservoir damage caused by (i) loss of circulation, cement invasion, cement misplacement, pumping cement or cement plugs on wells with loss of circulation, including the failure to displace plug to proper depth, (ii) sub-surface pressure and resulting failure to complete pumping of cement or cement plug, including dehydration of cement slurry or flashing, plugged float shoe, annulus bridging or plugging, or (iii) down hole tools being lost or left in the well, or becoming stuck in the well for any reason and by any cause. COWS may furnish down hole tools and may supply supervision for the running and placement of such tools but will not be liable for any damage, loss or result caused by the use of such tools.

Furthermore, Customer will be responsible for the cost to replace such tools if they are lost or left in the well.

(c) COWS makes no guarantee of the effectiveness of any COWS' products, supplies or materials, or the results of any COWS' treatment or services.

(d) Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, COWS is unable to guarantee the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by COWS. COWS' personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that COWS shall not be responsible for any damage arising from the use of such information except where due to COWS' gross negligence or willful misconduct in the preparation or furnishing of it.

(e) COWS may buy and re-sell to Customer down hole equipment, including but not limited to float equipment, DV tools, port collars, type A & B packers, and Customer agrees that COWS is not an agent or dealer for the companies who manufacture such items, and further agrees that Customer shall be solely responsible for and indemnify COWS against any claim with regard to the effectiveness, malfunction of, or functionality of such items.

WARRANTIES - LIMITATION OF LIABILITY

COWS warrants title to the products, supplies and materials, and that the same are free from defects in workmanship and materials. THERE ARE NO OTHER WARRANTIES, EXPRESS OR IMPLIED, NOR ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR PURPOSE, WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. COWS's liability and Customer's exclusive remedy in any claim (whether in contract, tort, breach of warranty or otherwise,) arising out of the sale or use of any COWS' products, supplies, materials or services is expressly limited to the replacement of such products, supplies, materials or services or their return to COWS or, at COWS' option, an allowance to Customer of credit for the cost of such items.

Customer waives and releases all claims against COWS for any special, incidental, indirect, consequential or punitive damages.