

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form ACO-1
September 1999
Form Must Be Typed

ORIGINAL

Operator: License # 31106
Name: Harper, Jay dba Harper Oil Co.
Address: 1599 east 5200 st.
City/State/Zip: Cherryvale, Ks. 67335
Purchaser: CMT
Operator Contact Person: Jay Harper
Phone: (620) 331-9738
Contractor: Name: McPherson Drilling
License: 5675
Wellsite Geologist: Dave Smith
Designate Type of Completion:
☒ New Well ☐ Re-Entry ☐ Workover
☒ Oil ☐ SWD ☐ SLOW ☐ Temp. Abd.
☐ Gas ☐ ENHR ☐ SIGW
☐ Dry ☐ Other (Core, WSW, Expl., Cathodic, 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./SWD
☐ Plug Back _____ Plug Back Total Depth _____
☐ Commingled _____ Docket No. _____
☐ Dual Completion _____ Docket No. _____
☐ Other (SWD or Enhr.?) _____ Docket No. _____

Spud Date or _____ 9/4/08 9/5/08
Recompletion Date _____ Completion Date or
Recompletion Date _____

API No. 15 - 125-31618-0000
County: Montgomery
NE NE SW NE
NW NW SE NE Sec. 5 Twp. 33 S. R. 16 ☒ East ☐ West
1525 feet from S / W (circle one) Line of Section
1325 feet from W / W (circle one) Line of Section

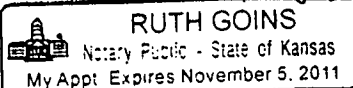
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Atlas Well #: B24
Field Name: Brewster
Producing Formation: Arbuckle
Elevation: Ground: 784 Kelly Bushing: _____
Total Depth: 1341 Plug Back Total Depth: 1341
Amount of Surface Pipe Set and Cemented at 20 ft. Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☒ No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 1322
feet depth to Surface w/ 140 sx cmt.

Drilling Fluid Management Plan AH II NR
(Data must be collected from the Reserve Pit) 10-15-08
Chloride content _____ ppm Fluid volume _____ bbls
Dewatering method used _____
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ ☐ East ☐ West
County: _____ Docket No.: _____

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.

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: Operator Date: 9-10-08
Subscribed and sworn to before me this 10th day of September,
20 08.
Notary Public: Ruth Goins
Date Commission Expires: 11-05-2011



KCC Office Use ONLY	
<input checked="" type="checkbox"/> Letter of Confidentiality Received	
<input type="checkbox"/> If Denied, Yes <input type="checkbox"/> Date: _____	
<input checked="" type="checkbox"/> Wireline Log Received	
<input type="checkbox"/> Geologist Report Received	
<input type="checkbox"/> UIC Distribution	
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SEP 11 2008

CONSERVATION DIVISION
WICHITA, KS

Operator Name: Harper, Jay dba Harper Oil Co. Lease Name: Atlas Well #: B24
 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 copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken (Attach Additional Sheets)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Oswego	543	LS
Electric Log Run (Submit Copy)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Weir	778	Coal
List All E. Logs Run:		Bartlesville	782	Sand
		Mississippi	1018	LS
		Compton	1300	LS
		Arbuckle	1340	LS

Gamma Ray Neutron

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
Surface	11"	8 5/8"	20	20 ft.	Portland	4	
Production	6 3/4"	4 1/2"	9	1322	Oil Well Cement	140	Phenoseal 409 bag, Kof Seal 508 bag

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
	Open hole 1322-1341		

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No
		2 3/8"	500'			
Date of First, Resumed Production, SWD or Enhr. 9/9/08			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.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity	
	5	0	20			

Disposition of Gas ☐ Vented ☐ Sold ☐ Used on Lease (If vented, Submit ACO-18.) METHOD OF COMPLETION ☒ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled ☐ Other (Specify) _____

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WICHITA, KS

McPherson Drilling LLC Drillers Log

Rig Number: 1	S. 5 T. 33 R. 16E
API No. 15- 125-31618	County: MG
Elev. 784	Location: NE NE SW

Operator: HARPER, JAY DBA HARPER OIL CO.	
Address: 1599 EAST 2600 STREET CHERRYVALE KS 67335	
Well No: B-24	Lease Name: ATLAS
Footage Location: 1525 ft. from the NORTH Line	
1325 ft. from the EAST Line	
Drilling Contractor: McPherson Drilling LLC	
Spud date: 07/28/2008	Geologist: DAVE SMITH
Date Completed: 07/30/2008	Total Depth: 1325

Gas Tests:		
313	0.00	MCF
363	0.00	MCF
489	3.92	MCF
515	4.42	MCF
589	6.39	MCF
601	4.84	MCF
614	7.06	MCF
639	8.89	MCF
664	8.89	MCF
714	8.30	MCF
764	7.06	MCF
789	7.06	MCF
814	8.30	MCF
1015	6.39	MCF
Comments:		
Start injecting @		

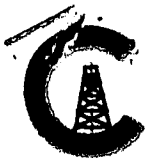
Casing Record			Rig Time:	
	Surface	Production	3.50	Hrs. Gas Test
Size Hole:	11"	6 3/4"		N/C
Size Casing:	8 5/8"		1.00	day booster
Weight:	20#			N/C
Setting Depth:	20	McPherson		
Type Cement:	Portland		DRILLER:	ANDY COATS
Sacks:	4	McPherson		

Well Log										
Formation	Top	Btm.		Formation	Top	Btm.		Formation	Top	Btm.
soil	0	1		shale	606	628		<i>Cased hole then Drilled down with Cable Tool</i> <i>1325-1328 shale 1328-1329 lime 1329-1340 shale 1340-1341 Lime/oil 1341 TD</i> <div>RECEIVED KANSAS CORPORATION COMMISSION SEP 11 1908 CONSERVATION WICHITA, K.</div>		
lime	1	14		coal	628	630				
shale	14	109		shale	630	659				
lime	109	117		coal	659	661				
shale	117	247		shale	661	695				
lime	247	258		coal	695	697				
shale	258	289		shale	697	747				
lime	289	299		coal	747	749				
shale	299	361		shale	749	782				
black shale	361	362		sand	782	813				
shale	362	367		sand shale	813	881				
sand	367	373		shale	881	1006				
sand shale	373	441		coal	1006	1008				
lime	441	465		shale	1008	1018				
shale	465	479		Mississippi	1018	1295				
coal	479	480		green shale	1295	1300				
shale	480	487		lime	1300	1305				
sand	487	492		shale	1305	1325				
sand shale	492	543		TD	1325					
oswego	543	568								
summit	568	574								
oswego	574	592								
mulky	592	598								
oswego	598	606								

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CONSERVATION
WICHITA, K.



CONSOLIDATED
Oil Well Services, LLC

REMIT TO
Consolidated Oil Well Services, LLC
Dept. 970
P.O. Box 4346
Houston, TX 77210-4346

MAIN OFFICE
P.O. Box 884
Chanute, KS 66720
620/431-9210 • 1-800/467-8676
FAX 620/431-0012

INVOICE

Invoice # 224455

Invoice Date: 08/11/2008 Terms: 2/10,n/30

Page 1

HARPER OIL
1599 E. 5200 ST.
CHERRYVALE KS 37335-3611
(620)336-2368

ATLAS B-24
17957
8/4/08
5-33-16

Part Number	Description	Qty	Unit Price	Total
1126	OIL WELL CEMENT	140.00	17.0000	2380.00
1110A	KOL SEAL (50# BAG)	700.00	.4200	294.00
1107A	PHENOSEAL (M) 40# BAG	120.00	1.1500	138.00
1118B	PREMIUM GEL / BENTONITE	200.00	.1700	34.00
4404	4 1/2" RUBBER PLUG	1.00	45.0000	45.00
1123	CITY WATER	8820.00	.0140	123.48

Description	Hours	Unit Price	Total
492 CEMENT PUMP	1.00	925.00	925.00
492 EQUIPMENT MILEAGE (ONE WAY)	50.00	3.65	182.50
492 CASING FOOTAGE	1325.00	.20	265.00
NUNNE WATER TRANSPORT (CEMENT)	4.00	112.00	448.00
PLUG 5 1/2" PLUG CONTAINER	1.00	200.00	200.00
538 TON MILEAGE DELIVERY	1.00	451.20	451.20
4K TA 80 BBL VACUUM TRUCK (CEMENT)	4.00	100.00	400.00

PJ CK# 6386
Thank you
Singme A/R

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WICHITA, KS

Parts: 3014.48 Freight: .00 Tax: 159.76 AR 6045.94
Labor: .00 Misc: .00 Total: 6045.94
Sublt: .00 Supplies: .00 Change: .00

Signed _____

Date _____



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 17957
LOCATION Barksville
FOREMAN Jason Bell

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
8-11-08		Alt. #244		35S	16E	Wyo.
CUSTOMER <u>Tom Hazzard</u>						
MAILING ADDRESS						
CITY						
STATE						
ZIP CODE						
			TRUCK #	DRIVER	TRUCK #	DRIVER
			492	Tim		
			538	Jack		
			4-K	800 Vali		
			Winkley TP			

JOB TYPE L.S. HOLE SIZE 6 3/4 HOLE DEPTH 1925 CASING SIZE & WEIGHT 4 1/2
CASING DEPTH 1321 DRILL PIPE _____ TUBING _____ OTHER _____
SLURRY WEIGHT 13.8 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING _____
DISPLACEMENT 21.0 DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Ran 4 1/2" of gel established circulation. Ran 140SKS of
thickset cement. Shut down waited up behind plug. Dropped
plug and pumped displacement and set shoe. Rm'd plug off
and waited up.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE		925.00
5406	50.0	MILEAGE		182.50
5407	7.52	bulk truck		451.70
5402	1325	footage		265.00
5501c	4 hrs	transport		448.00
5502c	4 hrs	800 Val		400.00
5620	1	4 1/2 plug container		200.00
<div> <div>RECEIVED</div> <div>KANSAS CORPORATION COMMISSION</div> <div>SEP 11 2008</div> </div>				
<div> <div>CONSERVATION DIVISION</div> <div>WICHITA, KS</div> </div>				
1126	140SKS	blue Star		2380.00
1110A	700#	Kol Seal		294.00
1107A	120#	Pheno		138.00
1118b	200#	Gel		340.00
4404	1	4 1/2 Rubber Plug		45.00
1123	8820	City Water		123.48
<div> <div>6 % Discount</div> <div>FD CK # 6346 \$362.75</div> </div>				
5.3 % SALES TAX				159.71
ESTIMATED TOTAL				645.95
				5683.20

Ravin 3737

AUTHORIZATION

Jay Hoyer

TITLE

DATE

TERMS

In consideration of the prices to be charged for our services, equipment and products as set forth in Consolidated Oil Well Services, LLC (COWS) current Price Schedule, 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 payable to P.O. Box 884, Chanute, KS 66720. Invoices payable within 30 days of invoice date. Charges subjected to interest after 30 days from invoice date. Interest will be charged at Maximum rate allowed by law. In the event it is necessary to employ an attorney to enforce collection of such account, customer agrees to pay all collection costs and attorney's fees in the amount of 20% of said amount.

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 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 time 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, and customer shall secure COWS against any liability for damage to property of customer and of the well owner (if different from customer), unless caused by the willful misconduct or gross negligence of COWS, this provision applying to but not limited to sub-surface damage and surface damage arising from subsurface damage.

(b) Customer shall be responsible for and secure COWS against any liability for reservoir loss or damage, or property damage resulting from sub-surface pressure, losing control of the well and/or a well blowout, unless such loss or damage is caused by the willful misconduct or gross negligence of COWS.

(c) Customer shall be responsible for and secure COWS against any and all liability of whatsoever nature for damages as a result of a subsurface trespass, or an action in the nature thereof, arising from a service operation performed by COWS hereunder.

(d) Customer shall be responsible for and secure COWS against any liability for 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, unless such damage shall be caused by the willful misconduct or gross negligence of COWS.

(e) COWS makes no guarantee of the effectiveness of the products, supplies or materials, nor of the results of any treatment or services.

(f) 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.

WARRANTIES - LIMITATION OF LIABILITY

COWS warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED OR MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. COWS's liability and customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise,) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to COWS or, at COWS's option, to the allowance to the customer of credit for the cost of such items. In no event, shall COWS be liable for special, incidental, indirect, punitive or consequential damages.

COWS personnel will use their best efforts in gathering such information and their best judgement in interpreting it, but Customer agrees that COWS shall not be liable for and CUSTOMER SHALL INDEMNIFY AGAINST ANY DAMAGES ARISING FROM THE USE OF SUCH INFORMATION, even if such is contributed by the COWS negligence or fault.