

Operator Name: H & C Oil Operating, Inc. Lease Name: Middleton Well #: 32-1
 Sec. 32 Twp. 6 S. R. 23 East West County: Graham

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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input 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 <i>(Submit Copy)</i> List All E. Logs Run: Dual compensated Porosity, micro resistivity, dual induction, borehole compensated sonic, sonic cement bond	<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:70%;">Name</td> <td style="width:15%;">Top</td> <td style="width:15%;">Datum</td> </tr> <tr> <td>Top Anhydrite</td> <td>2195</td> <td>+319</td> </tr> <tr> <td>Base Anhydrite</td> <td>2227</td> <td>+287</td> </tr> <tr> <td>Topeka</td> <td>3538</td> <td>-1024</td> </tr> <tr> <td>Heebner</td> <td>3736</td> <td>-1222</td> </tr> <tr> <td>Toronto</td> <td>3761</td> <td>-1247</td> </tr> <tr> <td>Lansing Kansas City</td> <td>3777</td> <td>-1263</td> </tr> <tr> <td>Base LKC</td> <td>3968</td> <td>-1454</td> </tr> </table>	Name	Top	Datum	Top Anhydrite	2195	+319	Base Anhydrite	2227	+287	Topeka	3538	-1024	Heebner	3736	-1222	Toronto	3761	-1247	Lansing Kansas City	3777	-1263	Base LKC	3968	-1454
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JAN 05 2010

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	12 1/4"	8 5/8"	23#	344	60/40 posmix	225	2%gel, 3%cc
production	7 7/8"	5 1/2"	14#	4010	common	160	10% salt, 2% gel

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	2187	60/40 lite	450	1/4# floseal per sack

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
4 SPF	3924-3929'		3929

TUBING RECORD:	Size: <u>2 3/8"</u>	Set At: <u>3978</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or Enhr. <u>1/1/2010</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>90</u>	Gas Mcf	Water Bbls. <u>0</u>	Gas-Oil Ratio	Gravity <u>36</u>

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 <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>3924-3929'</u>
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ALLIED CEMENTING CO., LLC. 041282

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

VICE POINT: Russell

DATE <u>11-11-09</u>	SEC <u>32</u>	TWP. <u>6</u>	RANGE <u>23</u>	CALLED OUT	ON LOCATION	JOB START <u>1:00 p.m.</u>	JOB FINISH <u>1:45 p.m.</u>
LEASE <u>M:00el ton</u>	WELL # <u>32.1</u>	LOCATION <u>Hill City 80 33W 12N</u>			COUNTY <u>Graham</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)				<u>Entro</u>			

CONTRACTOR <u>American Eagle #3</u>	OWNER _____
TYPE OF JOB <u>Du Job</u>	CEMENT _____
HOLE SIZE <u>7 7/8</u> T.D. <u>4020</u>	AMOUNT ORDERED <u>1600 Com 100% Salt 296.62</u>
CASING SIZE <u>5 1/2 IAH</u> DEPTH <u>4007</u>	<u>500 gal WRR-2</u>
TUBING SIZE _____ DEPTH _____	<u>450 LITE 1/4" F10</u>
DRILL PIPE _____ DEPTH _____	COMMON <u>160</u> @ <u>13.50</u> <u>2160.00</u>
TOOL <u>DV Tool #44</u> DEPTH <u>2187</u>	POZMIX _____ @ _____
PRES. MAX _____ MINIMUM _____	GEL <u>3</u> @ <u>20.25</u> <u>60.75</u>
MEAS. LINE _____ SHOE JOINT <u>21.01</u>	CHLORIDE _____ @ _____
CEMENT LEFT IN CSG. <u>21.01</u>	ASC _____ @ _____
PERFS. _____	<u>Salt 7</u> @ <u>21.25</u> <u>148.75</u>
DISPLACEMENT <u>97 1/4 BL</u> <u>T=53 1/4</u>	<u>Lite 450</u> @ <u>11.85</u> <u>5332.50</u>
EQUIPMENT	<u>Flt Seal 112</u> @ <u>2.45</u> <u>274.40</u>
PUMP TRUCK CEMENTER <u>Craig</u>	_____ @ _____
# <u>417</u> HELPER <u>Matt</u> <u>JAN 05 2010</u>	_____ @ _____
BULK TRUCK _____	_____ @ _____
# <u>410</u> DRIVER <u>Glenn</u> <u>KCC</u>	_____ @ _____
BULK TRUCK _____	_____ @ _____
# <u>481</u> DRIVER <u>Galen</u>	_____ @ _____
	HANDLING <u>305</u> @ <u>2.21</u> <u>686.25</u>
	MILEAGE <u>10/54/mile</u> <u>1220.00</u>
	TOTAL <u>9882.65</u>

REMARKS:
5/2 Casing set @ 4007 11:00 A.M. - 11:30 a.m.
Insert set @ 3985.99
Insert opened @ ps
Start Push - Start cement clear lines
Displace Plug: Plug landed 1500 ft. 1:00 p.m. - 1:45 p.m.
Top Circulate 30 min Plug Lathole Mix Cement
Displace Plug Cement Circulate
Plug Landed 1500 ft. 1:00 p.m. - 1:45 p.m.

CHARGE TO: H&C

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB _____	
PUMP TRUCK CHARGE _____	<u>1952.00</u>
EXTRA FOOTAGE _____ @ _____	
MILEAGE <u>40</u> @ <u>7.00</u>	<u>280.00</u>
MANIFOLD _____ @ _____	
_____ @ _____	
_____ @ _____	
	TOTAL <u>2232.00</u>

PLUG & FLOAT EQUIPMENT

<u>5/2</u>	
<u>Float Shoe AFU</u> @ _____	<u>309.00</u>
<u>DV Tool</u> @ _____	<u>2268.00</u>
<u>5 Generalizers</u> @ <u>35.00</u>	<u>175.00</u>
<u>3 BASKETS</u> @ <u>161.00</u>	<u>483.00</u>
_____ @ _____	
	TOTAL <u>3235.00</u>

To Allied Cementing Co., 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 _____

SIGNATURE [Signature]

SALES TAX (If Any) _____

TOTAL CHARGES [Signature]

DISCOUNT [Signature] IF PAID IN 30 DAYS

RECEIVED
 JAN 11 2010
 KCC WICHITA

ALLIED CEMENTING CO., LLC. 038552

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Russell

DATE <u>11-4-09</u>	SEC <u>32</u>	TWP. <u>6</u>	RANGE <u>23</u>	CALLED OUT	ON LOCATION	JOB START <u>8:30 AM</u>	JOB FINISH <u>9:00 PM</u>
LEASE <u>Middleton</u> WELL # <u>32-1</u>		LOCATION <u>Hill City N to Ynd.</u>			COUNTY <u>Graham</u>	STATE <u>Ks.</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)				<u>2W 1/2 N E 1/4</u>			

CONTRACTOR American Eagle #3 OWNER _____

TYPE OF JOB Surface Schl.

HOLE SIZE 12 1/4 T.D. 347

CASING SIZE 8 1/2 DEPTH 347.12

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 15'

PERFS. _____

DISPLACEMENT 22.15

CEMENT AMOUNT ORDERED 225 50% 3% CC 2% Gal

COMMON	<u>135</u>	@ <u>13.50</u>	<u>1822.50</u>
POZMIX	<u>90</u>	@ <u>7.55</u>	<u>679.50</u>
GEL	<u>4</u>	@ <u>20.25</u>	<u>81.00</u>
CHLORIDE	<u>7</u>	@ <u>51.50</u>	<u>360.50</u>
ASC		@ _____	_____

EQUIPMENT

PUMP TRUCK CEMENTER Steve

398 HELPER Glenn

BULK TRUCK

344-112 DRIVER Oska

BULK TRUCK

_____ DRIVER _____

CONFIDENTIAL

JAN 05 2010

KCC

HANDLING	<u>113</u>	@ <u>2.21</u>	<u>254.23</u>
MILEAGE	<u>113</u>	@ <u>4.00</u>	<u>452.00</u>
TOTAL			<u>3649.75</u>

REMARKS:

Req 8 jts + Landing St.

Est. Circulation Mixed

225 jts

Cement Circulated!

SERVICE

DEPTH OF JOB	_____		
PUMP TRUCK CHARGE			<u>991.00</u>
EXTRA FOOTAGE	@ _____		
MILEAGE	<u>40</u>	@ <u>7.00</u>	<u>280.00</u>
MANIFOLD	@ _____		

TOTAL 1271.00

CHARGE TO: H&C Oil Operating

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____

RECEIVED

JAN 11 2010

TOTAL _____

To Allied Cementing Co., LLC.

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SALES TAX (If Any) _____

TOTAL CHARGES [scribble]

DISCOUNT [scribble] IF PAID IN 30 DAYS

KCC WICHITA

PRINTED NAME _____

SIGNATURE Joseph E. [scribble]