

**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 # 33335
 Name: IA Operating, Inc.
 Address: 900 N Tyler Road #14
 City/State/Zip: Wichita, KS 67212
 Purchaser: NCRA
 Operator Contact Person: Hal Porter
 Phone: (316) 721-0036
 Contractor: Name: Murfin Drilling Co., Inc.
 License: 30606
 Wellsite Geologist: Randall Kilian
 Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW 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. _____

<u>12/07/04</u>	<u>12/14/04</u>	<u>12/14/04</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

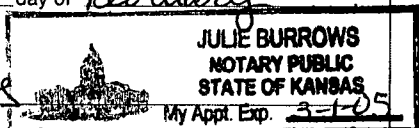
API No. 15 - 147-20604-00
 County: Phillips
NE NE SW Sec. 11 Twp. 5 S. R. 20 East West
2600 feet from (S) / N (circle one) Line of Section
2565 feet from E / (W) (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name: Charlotte Unit Well #: 11-1
 Field Name: Wildcat
 Producing Formation: Lansing
 Elevation: Ground: 2060' Kelly Bushing: 2065'
 Total Depth: 3593' Plug Back Total Depth: _____
 Amount of Surface Pipe Set and Cemented at 1601 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 *alt I KGR 3/3/08*
 (Data must be collected from the Reserve Pit)
 Chloride content 8,000 ppm Fluid volume 400 bbls
 Dewatering method used Evaporation/Backfill
 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: [Signature]
 Title: President Date: 2/2/05
 Subscribed and sworn to before me this 2 day of February
20 05
 Notary Public: Julie Burrows
 Date Commission Expires: March 1, 2005



KCC Office Use ONLY

Letter of Confidentiality Received
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

RECEIVED
FEB 03 2005
KCC WICHITA

Operator Name: IA Operating, Inc. Lease Name: Charlotte Unit Well #: 11-1
 Sec. 11 Twp. 5 S. R. 20 East West County: Phillips

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: Geologist Well Report, Dual Induction Log, Compensated Densisty Neutron Log, Micro Log, Sonic Log	<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>Anhydrite</td> <td>1606'</td> <td>+459</td> </tr> <tr> <td>Base</td> <td>1636'</td> <td>+429</td> </tr> <tr> <td>Topeka</td> <td>2985'</td> <td>-920</td> </tr> <tr> <td>Heebner Shale</td> <td>3180'</td> <td>-1115</td> </tr> <tr> <td>Toronto</td> <td>3205'</td> <td>-1140</td> </tr> <tr> <td>Lansing</td> <td>3224'</td> <td>-1159</td> </tr> <tr> <td>Total Depth</td> <td>3596'</td> <td>-1531</td> </tr> </table>	Name	Top	Datum	Anhydrite	1606'	+459	Base	1636'	+429	Topeka	2985'	-920	Heebner Shale	3180'	-1115	Toronto	3205'	-1140	Lansing	3224'	-1159	Total Depth	3596'	-1531
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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	12 1/4	8 5/8"	23#	1601'	60/40 Poz	650	3% CC-2% gel
Production	7 7/8"	5 1/2"	15.5#	3590"	ASC	150	500 gal-wfr2

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
4	3407'-10'	250 gal 15% MCA, retreat w/500 gal 15% MCA	
4	3257'-60'	250 gal 15% MCA, retreat w/500 gal 15% MCA	
4	3225'-29'	250 gal 15% MCA	

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumerd Production, SWD or Enh.	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls. 25	Gas Mcf	Water Bbls. 25	Gas-Oil Ratio	Gravity 33
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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 type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	Production Interval <input type="checkbox"/> _____
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RECEIVED
 FEB 03 2005
 KCC WICHITA

ALLIED CEMENTING CO., INC. 19405

Federal Tax I.D. _____

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

SERVICE POINT: Russell

DATE <u>12-8-04</u>	SEC. <u>11</u>	TWP. <u>S</u>	RANGE <u>20</u>	CALLED OUT <u>11:00 AM</u>	ON LOCATION <u>2:45 PM</u>	JOB START	JOB FINISH <u>5:15 PM</u>
LEASE <u>Cherokee unit</u>		WELL # <u>11-1</u>		LOCATION <u>Logan 2 5 1/2 E 12 1/2</u>		COUNTY <u>Phillips</u>	STATE <u>Kan</u>
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR MURFIN #16

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 1602

CASING SIZE 8 3/8 DEPTH _____

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 45'

PERFS. _____

DISPLACEMENT 99 bbls

OWNER _____

CEMENT

AMOUNT ORDERED

2000 lb Com 3-2

4500 lb 6 3/4 3-2

COMMON	<u>470</u>	@	<u>785</u>	<u>3689 50</u>
POZMIX	<u>180</u>	@	<u>410</u>	<u>738 00</u>
GEL	<u>13</u>	@	<u>1100</u>	<u>143 00</u>
CHLORIDE	<u>20</u>	@	<u>33 00</u>	<u>660 00</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>683</u>	@	<u>135</u>	<u>922 05</u>
MILEAGE	<u>54/sk/mile</u>			<u>2390 50</u>
TOTAL				<u>8543 05</u>

REMARKS:

RAW 35 1/2 of 8 3/8 net e 1601
Cement w/ 2000 lb Com Follow w/ 4500 lb
6 3/4 pump plus w/ 99 bbls of water
Cement did circ TO Cellar

SERVICE

DEPTH OF JOB				
PUMP TRUCK CHARGE				<u>700 00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>70</u>	@	<u>400</u>	<u>280 00</u>
MANIFOLD		@		
<u>1-8 3/8 Rubber</u>		@		<u>100 00</u>
		@		

CHARGE TO: I.A. operating

STREET _____

CITY _____ STATE _____ ZIP _____

TOTAL 1080 00

PLUG & FLOAT EQUIPMENT

@ RECEIVED

@ FEB 03 2005

@ KCC WICHITA

To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish cementer and helper 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 & understand the "TERMS AND CONDITIONS" listed on the reverse side:

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE Bill Wynn PRINTED NAME Bill Wynn

THANKS!!!!

ALLIED CEMENTING CO., INC. 19382

Federal Tax I.D. # _____

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

SERVICE POINT: Russell

DATE <u>12-13-04</u>	SEC. <u>11</u>	TWP. <u>5</u>	RANGE <u>20</u>	CALLED OUT <u>7:00Am</u>	ON LOCATION <u>10:00Am</u>	JOB START <u>2:30Am</u>	JOB FINISH <u>3:00 Am</u>
LEASE <u>CHARLOTTE</u>			WELL # <u>UNIT 1-11</u>		LOCATION <u>Logan 1 S 1 E 1/2 S 1/2 E</u>		COUNTY <u>Phillips</u>
STATE <u>KANSAS</u>			OLD OR <input checked="" type="radio"/> NEW (Circle one)				

CONTRACTOR MURFIN DRLg, Rig #16

TYPE OF JOB PRODUCTION STRING

HOLE SIZE 7 7/8 T.D. 3593'

CASING SIZE 5 1/2 New DEPTH 3592'

TUBING SIZE 15.5# DEPTH _____

~~DRILL PIPE~~ 8 5/8 SURFACE DEPTH 1595'

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT 15'

CEMENT LEFT IN CSG. 15'

PERFS. _____

DISPLACEMENT 85 / 88L

EQUIPMENT _____

PUMP TRUCK # 366 CEMENTER Glenn

BULK TRUCK # 362 HELPER Shane

BULK TRUCK # _____ DRIVER GARY

BULK TRUCK # _____ DRIVER _____

OWNER _____

CEMENT AMOUNT ORDERED 175 sk ASC, 500 GAL WFR 2 FLUSH

COMMON _____	@ _____	_____
POZMIX _____	@ _____	_____
GEL _____	@ <u>3</u>	<u>11.00</u> <u>33.00</u>
CHLORIDE _____	@ _____	_____
ASC _____	@ <u>175</u>	<u>9.80</u> <u>1715.00</u>
WFR-2 _____	@ <u>500 gals</u>	<u>1.00</u> <u>500.00</u>
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
HANDLING <u>175</u>	@ <u>1.35</u>	<u>236.25</u>
MILEAGE <u>54/sk/mile</u>	_____	<u>612.00</u>
TOTAL	_____	<u>3096.75</u>

REMARKS:
LAND plug @ 1200#
FLOAT Held
10sk @ mouse Hole
15sk @ RAT Hole
THANKS

CHARGE TO: I-A OPERATING

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____ 1180.00

EXTRA FOOTAGE _____ @ _____

MILEAGE 70 @ 4.00 280.00

MANIFOLD _____ @ _____

_____ @ _____

TOTAL 1460.00

PLUG & FLOAT EQUIPMENT

<u>Guideshoe</u>	@ _____	<u>150.00</u>
<u>AF4</u>	@ _____	<u>235.00</u>
<u>7 CENT</u>	@ <u>40.00</u>	<u>280.00</u>
<u>15 RECIPRO SCRA.</u>	@ <u>35.00</u>	<u>525.00</u>
<u>5 1/2 Plug</u>	@ _____	<u>60.00</u>
TOTAL	_____	<u>1250.00</u>

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper 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 & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE Mick Stank

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME _____