

CONFIDENTIAL

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 Killian
 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. _____

<u>10/09/04</u>	<u>10/14/04</u>	<u>10/14/04</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

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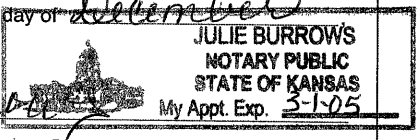
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API No. 15 - 179-21121 - 00 - 00
 County: Sheridan
 SE NE SW Sec. 19 Twp. 8 S. R. 26 East West
1590 feet from (S) N (circle one) Line of Section
2120 feet from E (W) (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW (SW)
 Lease Name: Kathleen Well #: 19-1
 Field Name: Overlook
 Producing Formation: Lansing
 Elevation: Ground: 2468' Kelly Bushing: 2473'
 Total Depth: 3920' Plug Back Total Depth: _____
 Amount of Surface Pipe Set and Cemented at 259 Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set 2134 Feet
 If Alternate II completion, cement circulated from _____
 feet depth to _____ w/ _____ sx cmt.
ALTI WHM 11-29-06
Drilling Fluid Management Plan
 (Data must be collected from the Reserve Pit)
 Chloride content 14000 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: Hal Porter
 Title: President Date: 12-17-04
 Subscribed and sworn to before me this 17 day of December
20 04
 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

✓

Operator Name: IA Operating Inc. Lease Name: Kathleen Well #: 19-1
 Sec. 19 Twp. 8 S. R. 26 East West County: Sheridan

KCC

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.

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Drill Stem Tests Taken Yes No
 (Attach Additional Sheets)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
 (Submit Copy)

List All E. Logs Run:

<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample		
Name	Top	Datum
Anhydrite	2108'	+365
Topeka	3377'	-904
Heebner Shale	3590'	-1117
Toronto	3612'	-1139
Lansing	3627'	-1154
Base KC	3845'	-1372
Total Depth	3919'	-1446

Geologists Well Report, Dual Induction Log,
 Micro Log, Compensated Density/Neutron Log

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#	259'	60/40 poz	190	3% CaCl, 2% gel
Production	7 7/8"	5 1/2"	15.5#	3915'	ASC	150	2%gel, WFR-2

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		60/40 poz	400	6% gel w 1/4 flo seal

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	3814-18	250 gal, 15% HCA	

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TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 7/8"	3837'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.			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 Bbbs.	Gas Mcf	Water Bbbs.	Gas-Oil Ratio	Gravity
	40		120		34

Disposition of Gas **METHOD OF COMPLETION** Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
 (If vented, Submit ACO-18.) Other (Specify) _____

ALLIED CEMENTING CO., INC. 13823

Federal Tax I.D.# [REDACTED] **KCC**

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

SERVICE POINT: Owlsheys, KS
DEC 17 2004

DATE <u>10-11-04</u>	SEC. <u>19</u>	TWP. <u>8</u>	RANGE <u>26W</u>	CALLED <u>12:00 AM</u>	LOCATION <u>4:30 AM</u>	JOB START <u>8:00 AM</u>	JOB FINISH <u>9:00 AM</u>
LEASE <u>KCC</u>	WELL # <u>19-1</u>	LOCATION <u>Hwy 23 + Redline Rd</u>			COUNTY <u>Sheridan</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)			<u>10 E-50-01 W</u>				

CONTRACTOR MURPHY

TYPE OF JOB Log Stairs

HOLE SIZE 7 7/8 T.D. 3920'

CASING SIZE 5 1/2 15 1/2 DEPTH 3910

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT 35'

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT 92.2 Bbls

EQUIPMENT

PUMP TRUCK CEMENTER TUZZY

191 HELPER Wayne

BULK TRUCK

218 DRIVER Lonnice

BULK TRUCK

_____ DRIVER _____

OWNER SAME

CEMENT

AMOUNT ORDERED 175 SKS ASC

200 gel

COMMON	<u>175 ASC</u>	@ <u>10.65</u>	<u>1869.75</u>
POZMIX		@	
GEL	<u>3 SKS</u>	@ <u>11.00</u>	<u>33.00</u>
CHLORIDE		@	
WFR-2		@	
<u>WFR-2</u>	<u>500 gal</u>	@ <u>1.00</u>	<u>500.00</u>
		@	
		@	
HANDLING	<u>178</u>	@ <u>1.35</u>	<u>240.30</u>
MILEAGE	<u>45</u>	@ <u>8.05 x 178</u>	<u>400.50</u>
			TOTAL <u>3037.55</u>

REMARKS:

Mix 500 gal WFR-2, Cement RT with 15 SK

Cement mtl with 10 SKS

Mix & pump 150s ASC 20%

gel. washout pump & lines

Displace plug to insert

Insert held

Sub complete @ 9:00 AM

SERVICE

DEPTH OF JOB 3910'

PUMP TRUCK CHARGE 1180.00

EXTRA FOOTAGE @ _____

MILEAGE 45 @ 4.00 180.00

PLUG @ _____

@ _____

@ _____

TOTAL 1360.00

THANKS TUZZY

I. American

Hal Porter

CHARGE TO: _____

STREET _____

CITY _____ STATE _____ ZIP _____

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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.

FLOAT EQUIPMENT

<u>1-5 1/2 Plug</u>	<u>60</u>
<u>1-5 1/2 G. Shoe</u>	<u>45.00</u>
<u>1-5 1/2 ACU Insert</u>	<u>150.00</u>
<u>6-5 1/2 Cent</u>	<u>235.00</u>
<u>1-5 1/2 Basket</u>	<u>300.00</u>
<u>1-5 1/2 Port Collar</u>	<u>128.00</u>
<u>15-5 1/2 recip Scratchers 35</u>	<u>1750.00</u>
<u>3148.00</u>	<u>525.00</u>
TOTAL	3148.00

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE _____

[Signature]

PRINTED NAME _____

ALLIED CEMENTING CO., INC. 19818

Federal Tax I.D. XXXXXXXXXX

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

SERVICE POINT:
DAKLEY

DATE <u>10-9-04</u>	SEC. <u>19</u>	TWP <u>85</u>	RANGE <u>28W</u>	CALLED OUT	ON LOCATION <u>10:45 AM</u>	JOB START <u>12:30 PM</u>	JOB FINISH <u>1:00 PM</u>
LEASE <u>RATH-LEW</u>		WELL # <u>19-1</u>	LOCATION <u>TASCO 1E-1/2S-1E-3/4S-3/4W</u>			COUNTY <u>SHERIDAN</u>	STATE <u>KS</u>
OLD OR <input checked="" type="radio"/> NEW (Circle one)				KCC			

CONTRACTOR MURFEN DRILL RIG #16

TYPE OF JOB SURFACE

HOLE SIZE 12 1/4" T.D. 260'

CASING SIZE 8 7/8" DEPTH 260'

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 15'

PERFS. _____

DISPLACEMENT 15 1/2 BBL.

OWNER SAME DEC 17 2004

CEMENT CONFIDENTIAL

AMOUNT ORDERED
190 SKS COM 3% CC 2% GEL

COMMON	<u>190 SKS</u>	@	<u>9 10/16</u>	<u>1729 00</u>
POZMIX		@		
GEL	<u>4 SKS</u>	@	<u>11 00/16</u>	<u>44 00</u>
CHLORIDE	<u>7 SKS</u>	@	<u>33 00/16</u>	<u>231 00</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>201</u>	@	<u>1 35/16</u>	<u>271 35</u>
MILEAGE	<u>054 PER SK / MILE</u>			<u>502 50</u>
TOTAL				<u>2777 85</u>

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EQUIPMENT

PUMP TRUCK # 177 CEMENTER TERRY

 # 177 HELPER FUZZY

BULK TRUCK # 377 DRIVER JARROD

BULK TRUCK # _____ DRIVER _____

REMARKS:
CEMENT ON VERY BOTTOM OF CELLAR

THANK YOU

CHARGE TO: IA OPERATING, INC

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB	<u>260'</u>			
PUMP TRUCK CHARGE			<u>570 00</u>	
EXTRA FOOTAGE		@		
MILEAGE	<u>50 ME</u>	@	<u>4 00</u> <u>200 00</u>	
MANIFOLD		@		
		@		
		@		
TOTAL				<u>770 00</u>

PLUG & FLOAT EQUIPMENT

<u>8 7/8 SURFACE plug</u>	@	<u>55 00</u>	
	@		
	@		
	@		
	@		
TOTAL			<u>55 00</u>

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

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 Bill Wynn
Very good Job!!

Bill Wynn
PRINTED NAME

ALLIED CEMENTING CO., INC. 19730

Federal Tax I.D. # XXXXXXXXXX

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

SERVICE POINT: DAXLEY

DATE <u>10-25-04</u>	SEC <u>19</u>	TWP. <u>85</u>	RANGE <u>26W</u>	CALLED OUT	ON LOCATION <u>12:45 PM</u>	JOB START <u>1:00 PM</u>	JOB FINISH <u>2:30 PM</u>
LEASE <u>KATHLEEN</u>		WELL # <u>19-1</u>		LOCATION <u>TASCO 1E-1/2S-1E-3/4S-3/4W</u>		COUNTY <u>SHERIDAN</u>	STATE <u>KS</u>
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

KCC

CONTRACTOR <u>MURFEN DRUG CO.</u>	
TYPE OF JOB <u>PORT COLLAR</u>	
HOLE SIZE <u>T.D.</u>	T.D.
CASING SIZE <u>5 1/2"</u>	DEPTH
TUBING SIZE <u>2 1/2"</u>	DEPTH <u>2134'</u>
DRILL PIPE	DEPTH
TOOL <u>PORT COLLAR</u>	DEPTH <u>2134'</u>
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	
PERFS.	
DISPLACEMENT	

OWNER SAME DEC 17 2004

CEMENT AMOUNT ORDERED 400 SKS 60/40 POZ 6266EL 1/4 SEAL
CONFIDENTIAL # F10

USED 285 SKS 60/40 POZ 6266EL 1/4 SEAL

COMMON	<u>171 SKS</u>	@	<u>9 10</u>	<u>1556 10</u>
POZMIX	<u>114 SKS</u>	@	<u>4 10</u>	<u>467 10</u>
GEL	<u>15 SKS</u>	@	<u>11 10</u>	<u>165 10</u>
CHLORIDE		@		
ASC		@		
		@		
		@		
<u>F10-SEAL 71#</u>		@	<u>1 40</u>	<u>99 40</u>
		@		
		@		
		@		
		@		
HANDLING	<u>421 SKS</u>	@	<u>1 35</u>	<u>568 35</u>
MILEAGE	<u>65¢ PER SK/MILE</u>			<u>1052 50</u>
TOTAL				<u>3908 75</u>

EQUIPMENT

PUMP TRUCK	CEMENTER	<u>TERRY</u>
# <u>177</u>	HELPER	<u>WAYNE</u>
BULK TRUCK		
# <u>386</u>	DRIVER	<u>ALAN</u>
BULK TRUCK		
#	DRIVER	

REMARKS:

PRESSURE SYSTEM TO BOOST. OPEN PORT COLLAR MAX 285 SKS CEMENT + DISPLACE 11 3/4 BBL. CLOSE PORT COLLAR. PRESSURE SYSTEM TO BOOST. RUBBER BLEW OUT. RUN SJTS + REVERSE OUT

THANK YOU

CHARGE TO: I. A. OPERATING, INC

STREET _____
CITY _____ STATE _____ ZIP _____

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TOTAL 900 00

PLUG & FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	
TOTAL		_____

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 _____

TAX _____
TOTAL CHARGE _____
DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME