

**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

**CORIGIONAL**

Operator: License # 33335  
Name: IA Operating, Inc.  
Address: 900 N Tyler Road #14  
City/State/Zip: Wichita, KS 67212  
Purchaser: \_\_\_\_\_  
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>4/27/05</u>	<u>5/04/05</u>	<u>05/04/05</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 051-25408 -DD-DD  
County: Ellis  
NE  NE  NW  Sec. 29 Twp. 11 S. R. 19  East  West  
680 feet from S / (N) (circle one) Line of Section  
2550 feet from E / (W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
 NE     SE     NW     SW  
Lease Name: Irene Well #: 29-1  
Field Name: Zerfas

Producing Formation: \_\_\_\_\_  
Elevation: Ground: 2100' Kelly Bushing: 2105'  
Total Depth: 3754' Plug Back Total Depth: 3675'  
Amount of Surface Pipe Set and Cemented at 219 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
Yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from \_\_\_\_\_  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

**Drilling Fluid Management Plan** AH II NCR 7-25-08  
(Data must be collected from the Reserve Pit)

Chloride content 59,000 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: Hal Porter  
Title: President Date: 5/23/05  
Subscribed and sworn to before me this 24 day of May,  
2005.

Notary Public: Julie Burrows  
**JULIE BURROWS**  
Date Commissioned March 10, 2009  
**NOTARY PUBLIC**  
**STATE OF KANSAS**  
My Appt. Exp. 3-10-09

**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: Irene Well #: 29-1  
 Sec. 29 Twp. 11 S. R. 19  East  West County: Ellis

**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:  <b>Geologists Well Report, Radiation guard log</b>	<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>Anhydrite</td> <td>1449'</td> <td>+656</td> </tr> <tr> <td>Base</td> <td>1490'</td> <td>+615</td> </tr> <tr> <td>Topeka</td> <td>3107'</td> <td>-1002</td> </tr> <tr> <td><del>Hebner</del> Shale</td> <td>3328'</td> <td>-1223</td> </tr> <tr> <td>Lansing</td> <td>3367'</td> <td>-1262</td> </tr> <tr> <td>Arbuckle</td> <td>3674'</td> <td>-1569</td> </tr> <tr> <td>Total Depth</td> <td>3754'</td> <td>-1649</td> </tr> </table>	Name	Top	Datum	Anhydrite	1449'	+656	Base	1490'	+615	Topeka	3107'	-1002	<del>Hebner</del> Shale	3328'	-1223	Lansing	3367'	-1262	Arbuckle	3674'	-1569	Total Depth	3754'	-1649
Name	Top	Datum																							
Anhydrite	1449'	+656																							
Base	1490'	+615																							
Topeka	3107'	-1002																							
<del>Hebner</del> Shale	3328'	-1223																							
Lansing	3367'	-1262																							
Arbuckle	3674'	-1569																							
Total Depth	3754'	-1649																							

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#	219'	Common	160	2% gel 3% cc

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 checked="" type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	3675'	60/40	240	6% gel, 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
		<div style="border: 2px solid black; padding: 5px; transform: rotate(-2deg);">                             RECEIVED                              MAY 25 2005                              KCC WICHITA                         </div>	

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enh...		Producing Method <input type="checkbox"/> Flowing <input 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

Disposition of Gas  Vented  Sold  Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

Production Interval \_\_\_\_\_

# ALLIED CEMENTING CO., INC.

16176

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

SERVICE POINT: 12

DATE <u>5-4-05</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START <u>10:15pm</u>	JOB FINISH <u>1:00AM</u>
LEASE <u>TRENE</u>	WELL # <u>Z9-1</u>	LOCATION <u>YOCEMENTO N TO RIVER</u>			COUNTY <u>ELLIS</u>	STATE <u>KS</u>	
<input checked="" type="radio"/> OLD OR NEW (Circle one)				<u>Z9 ZS 3/4 E FS</u>			

CONTRACTOR MURFIN 16

TYPE OF JOB PTA

HOLE SIZE 7/8 T.D.

CASING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE 4 1/2 DEPTH \_\_\_\_\_

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. \_\_\_\_\_

PERFS. \_\_\_\_\_

DISPLACEMENT \_\_\_\_\_

OWNER \_\_\_\_\_

CEMENT

AMOUNT ORDERED 240 60/40 6% GEL

1/4 LB FLO-SEAL

EQUIPMENT

PUMP TRUCK CEMENTER MARK

# 366 HELPER BILL

BULK TRUCK

# 213 DRIVER KEITH

BULK TRUCK

# \_\_\_\_\_ DRIVER \_\_\_\_\_

COMMON	<u>144</u>	@	<u>8<sup>70</sup></u>	<u>1252<sup>80</sup></u>
POZMIX	<u>96</u>	@	<u>4<sup>70</sup></u>	<u>451<sup>20</sup></u>
GEL	<u>15</u>	@	<u>14<sup>80</sup></u>	<u>210<sup>00</sup></u>
CHLORIDE		@		
ASC		@		
FLO-SEAL	<u>60<sup>#</sup></u>	@	<u>1<sup>70</sup></u>	<u>102<sup>00</sup></u>
HANDLING	<u>255</u>	@	<u>1<sup>60</sup></u>	<u>408<sup>00</sup></u>
MILEAGE	<u>68/SK/MILE</u>			<u>520<sup>20</sup></u>
				TOTAL <u>2944<sup>20</sup></u>

REMARKS: **RECEIVED**  
MAY 25 2005

<u>25</u>	<u>SK</u>	<u>C</u>	<u>ARB</u>	<u>KCC WICHITA</u>
<u>25</u>	<u>SK</u>	<u>C</u>	<u>2000</u>	
<u>25</u>	<u>SK</u>	<u>C</u>	<u>1450</u>	
<u>100</u>	<u>SK</u>	<u>C</u>	<u>750</u>	
<u>40</u>	<u>SK</u>	<u>C</u>	<u>225</u>	
<u>10</u>	<u>SK</u>	<u>C</u>	<u>40</u>	
<u>15</u>	<u>SK</u>	<u>C</u>	<u>12H</u>	

SERVICE

DEPTH OF JOB \_\_\_\_\_

PUMP TRUCK CHARGE \_\_\_\_\_ 750<sup>00</sup>

EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_

MILEAGE 34 @ 5<sup>00</sup> 170<sup>00</sup>

TOTAL 920<sup>00</sup>

CHARGE TO: J.A.

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

PLUG & FLOAT EQUIPMENT

MANIFOLD \_\_\_\_\_ @ \_\_\_\_\_

8 5/8 DRY HOLE @ 35<sup>00</sup>

TOTAL 35<sup>00</sup>

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 \_\_\_\_\_

PRINTED NAME \_\_\_\_\_

# ALLIED CEMENTING CO., INC. 16153

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

SERVICE POINT:  
Russell  
4-28-05

DATE <u>4-27-05</u>	SEC. <u>29</u>	TWP. <u>11</u>	RANGE <u>19</u>	CALLED OUT <u>10:30pm</u>	ON LOCATION <u>11:45pm</u>	JOB START <u>3:45am</u>	JOB FINISH <u>4:15am</u>
LEASE <u>Irene</u>		WELL # <u>29-1</u>	LOCATION <u>Yocemento/Buckey RD Jct</u>		COUNTY <u>Ellis</u>	STATE <u>KANSAS</u>	
OLD OR <u>NEW</u> (Circle one)		2 W 4 1/4 N 3/4 E & N INTO					

CONTRACTOR MURFIN 16

TYPE OF JOB SURFACE

HOLE SIZE 12 1/4 T.D. 220

CASING SIZE 8 5/8 DEPTH 219

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. 15'

PERFS. \_\_\_\_\_

DISPLACEMENT 13 / bbl

OWNER \_\_\_\_\_

CEMENT AMOUNT ORDERED 160 SK Comm

220 GEL

390 C.C.

COMMON	<u>160</u>	@	<u>870</u>	<u>139200</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>1400</u>	<u>4200</u>
CHLORIDE	<u>5</u>	@	<u>3800</u>	<u>19000</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>168</u>	@	<u>160</u>	<u>26880</u>
MILEAGE	<u>64 SK/MILE</u>			<u>40320</u>
TOTAL				<u>229600</u>

**EQUIPMENT**

PUMP TRUCK # 36p CEMENTER Glenn

HELPER Shane

BULK TRUCK # 213 DRIVER Reith

DRIVER \_\_\_\_\_

**REMARKS:**

Cement  
Circulated

THANKS

**SERVICE**

DEPTH OF JOB \_\_\_\_\_

PUMP TRUCK CHARGE \_\_\_\_\_ 67000

EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_

MILEAGE 40 @ 500 20000

**RECEIVED**

MAY 25 2005

**KCC WICHITA**

TOTAL 87000

CHARGE TO: IA Operating Inc.

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**PLUG & FLOAT EQUIPMENT**

8 5/8 wooden Plug 5500

MANIFOLD \_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

TOTAL 5500

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 Andy Orbel

Andy Orbel  
PRINTED NAME