

ORIGINAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

CONFIDENTIAL

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

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

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SEP 09 2004
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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. _____
07/30/04 08/06/04 08/06/04
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 065-22991 - 0000
County: Graham
NW SW NW Sec. 7 Twp. 9 S. R. 23 East West
1500 3753 feet from S (circle one) Line of Section
530 4771 feet from E (circle one) Line of Section
KCC GPS
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Karmen Well #: 7-1
Field Name: Wildcat
Producing Formation: Lansing-KC
Elevation: Ground: 2398' Kelly Bushing: 2403'
Total Depth: 4050' Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 213' Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 2034' Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____ sx cmt.
ALT II WHM 2-12-07

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content 17,000 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. _____ West
County: _____ Docket No.: _____
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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: 9/9/04
Subscribed and sworn to before me this 9 day of September
20 04.

Notary Public: Julie Burrows
Date Commission Expires: march 1, 2005
JULIE BURROWS
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 3-1-05

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: Karmen Well #: 7-1
 Sec. 7 Twp. 9 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 <i>(Attach Additional Sheets)</i>	<input checked="" type="checkbox"/> Yes <input 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	Anhydrite	2058' +345
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Topeka	3481' -1078
List All E. Logs Run:		Heebner Shale	3700' -1297
Geologist Well Report, Compensated Density/Neutron Log, Micro Log, Dual Induction Log, Sonic Log		Toronto	3724' -1321
		Lansing	3740' -1337
		Base KC	3964' -1561
		Total Depth	4049' -1646

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#	213'	60/40 poz	160	3% cc, 2% gel
Production	7 7/8"	5 1/2"	15.5#	4048'	ASC	200	2 % gel, 500 gal 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	2034'	60/40 poz	425	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 <i>(Amount and Kind of Material Used)</i>	Depth
4	3953'-26'	250 gal, 15% MCA	

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TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No
		2 3/8"	2034'			
Date of First, Resumerd Production, SWD or Enhr.			Producing Method			
08/31/04			<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	
	55		0		36	

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. 15215

Federal Tax I.D.# 48-0727860

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

SERVICE POINT: R

DATE <u>8-6-04</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <u>7:30 AM</u>
LEASE <u>Karmen</u>	WELL # <u>7-1</u>	LOCATION <u>283 + Red Line 4W</u>			COUNTY <u>Graham</u>	STATE <u>Ks</u>	
OLD OR NEW (Circle one)		<u>3 1/2 N E 5</u>					

CONTRACTOR Martin Duly R116

TYPE OF JOB Prod String

HOLE SIZE 7 7/8 T.D. 4050

CASING SIZE 5 1/2 DEPTH 4049

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL port collar DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT 15.5

OWNER _____

CEMENT AMOUNT ORDERED 200 ASC

500 gal WFR-2

EQUIPMENT

345 PUMP TRUCK CEMENTER Dave

_____ HELPER Steve

BULK TRUCK DRIVER _____

_____ DRIVER Craig

COMMON _____	@ _____		
POZMIX _____	@ _____		
GEL _____	@ <u>11⁰⁰</u>	<u>4</u>	<u>44⁰⁰</u>
CHLORIDE _____	@ _____		
<u>ASC</u>	@ <u>9⁸⁰</u>	<u>200</u>	<u>1960⁰⁰</u>
<u>WFR-2</u>	@ <u>1⁰⁰</u>	<u>500</u>	<u>500⁰⁰</u>
_____	@ _____		
_____	@ _____		
HANDLING _____	@ <u>1³⁵</u>	<u>204</u>	<u>275⁴⁰</u>
MILEAGE _____	@ _____	<u>5 1/2 SK/MILE</u>	<u>785⁴⁰</u>
TOTAL			<u>3564⁰⁰</u>

KCC
SEP 09 2004

REMARKS:

plug Rat hole 15 sk

mouse hole 10 sk

Float Held

CONFIDENTIAL SERVICE

DEPTH OF JOB _____		
PUMP TRUCK CHARGE _____		<u>1180⁰⁰</u>
EXTRA FOOTAGE _____	@ _____	
MILEAGE _____	@ <u>4⁰⁰</u>	<u>308⁰⁰</u>
PLUG <u>5 1/2 Rubber</u>	@ <u>60⁰⁰</u>	<u>60⁰⁰</u>
_____	@ _____	
_____	@ _____	
TOTAL		<u>1548⁰⁰</u>

CHARGE TO: I.A. Operating Inc

STREET _____

CITY _____ STATE _____ ZIP _____

5 1/2 FLOAT EQUIPMENT

<u>8 centralizers</u>	@ <u>50⁰⁰</u>	<u>400⁰⁰</u>
<u>1 port collar</u>	@ _____	<u>1750⁰⁰</u>
<u>1 Guide Shoe</u>	@ _____	<u>150⁰⁰</u>
<u>1 AFU Insert</u>	@ _____	<u>235⁰⁰</u>
<u>1 Baskets</u>	@ _____	<u>150⁰⁰</u>
<u>16 Scratchers</u>	@ <u>35⁰⁰</u>	<u>560⁰⁰</u>
TOTAL		<u>3245⁰⁰</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.

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE Martin Duly

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KCC WICHITA

PRINTED NAME _____

ALLIED CEMENTING CO., INC.

16046

Federal Tax I.D.# 48-0727860

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

SERVICE POINT:

Russell

DATE <u>8-12-04</u>	SEC.	TWP.	RANGE	CALLED OUT <u>8:00 AM</u>	ON LOCATION <u>12:15 PM</u>	JOB START <u>1:00 PM</u>	JOB FINISH <u>1:45 PM</u>
LEASE <u>KARMEH</u>	WELL # <u>1</u>	LOCATION <u>Wakeeney Redline RD.</u>			COUNTY <u>FRAGG</u>	STATE <u>KANSAS</u>	
OLD OR NEW (Circle one) <u>NEW</u>				<u>4W 4N Y8E into</u>		<u>GRANHAM</u>	

CONTRACTOR Go Tool's MURFIN Drly Co. OWNER

TYPE OF JOB (open port collar)

HOLE SIZE CIRCULATED CEMENT

CASING SIZE 5 1/2 DEPTH

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL Port Collar @ DEPTH 2034

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT 8 1/4 / BBL

EQUIPMENT

PUMP TRUCK CEMENTER Glenn

366 HELPER Shane

BULK TRUCK

362 DRIVER RyFus

BULK TRUCK

DRIVER

CEMENT

AMOUNT ORDERED 425 SK 60/40 6% GEL

1/4 # FLO-SEAL
PRR SK

COMMON 90 @ 785 706.50

POZMIX 60 @ 4.70 240.00

GEL 8 @ 11.00 88.00

CHLORIDE @

ASC @

FloSeal 38 @ 1.40 53.20

KCC @

SEP 09 2004 @

CONFIDENTIAL @

@

@

@

@

HANDLING 446 @ 1.35 602.10

MILEAGE 54 SK / mile 1561.80

TOTAL 3256.00

REMARKS:

Test CSG To 1,000# (Held) OPEN PORT
Collar. Received Good Circulation.
Mixed Cement APPROX 150 SK (WEIGH BACK)
& Cement CIRCULATED AROUND ANNULAS,
Disport Closed, Port collar, Recheck,
To 1,000# (Held). RAN 5 SJTS
& WASHED CLEAN. Came out
OF Hole. THANK'S

SERVICE

DEPTH OF JOB

PUMP TRUCK CHARGE 700.00

EXTRA FOOTAGE @

MILEAGE 70 @ 4.00 280.00

@

@

@

TOTAL 980.00

CHARGE TO: IA, OPERATING

STREET

CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

MANIFOLD @

@

@

@

@

TOTAL

TAX

TOTAL CHARGE

DISCOUNT IF PAID IN 30 DAYS

SIGNATURE

RECEIVED
SEP 10 2004
KCC WICHITA

PRINTED NAME