

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

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 Company, Inc.
License: 30606
Wellsite Geologist: Randall Kilian

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JUL 06 2004

KCC WICHITA

KCC

JUL 07 2004

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

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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. _____

3/19/04 03/26/04 3/26/04
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 167-23247 - 0000
County: Russell
NW NW SW Sec. 6 Twp. 12 S. R. 15 East West
2280 feet from (S) / N (circle one) Line of Section
450 feet from E / (W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW (SW)

Lease Name: Susan Well #: 6-1
Field Name: Wildcat

Producing Formation: LKC, Toronto, Topeka
Elevation: Ground: 1759' Kelly Bushing: 1764'

Total Depth: 3454' Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 929 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.

ALT I with 11-27-06

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content 57,000 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.: _____

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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: _____
Title: President Date: 7/1/04

Subscribed and sworn to before me this 1 day of July, 2004.
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

Side Two

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Operator Name: IA Operating, Inc. Lease Name: Susan Well #: 6-1
 Sec. 6 Twp. 12 S. R. 15 East West County: Russell

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 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:

Geologist Well Report, Micro Log, Compensated Density Neutron Log, Dual Induction Log,

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Anhydrite	916'	+848
Topeka	2692'	-928
Heebner Shale	2940'	-1176
Lansing	2989'	-1225
Base/Kansas City	3232'	-1468
Arbuckle	3375'	-1611
Total Depth	3455'	-1691

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#	929'	60/40	450	3%CaCl ₂ , 2%gel
Production	7 7/8"	5 1/2"	15.5	3454'	ASC	200	2%gel, 500 wfr-2

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				

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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	3198'-3202',	250 gal. 15%MCA, retreat w/750gal. 15%MCA	
4	3167'-74', 3147'-51', 3125'-28'	750 gal. 15% MCA	
4	3198'-3202', 3167'-74', 3147'-51', 3125'-28'	2500 gal 15% MCA, retreat w/250 gal 15 % MCA, 750 gal 15% MCA	
4	3074'-78', 2959'-62'	250 gal 15% MCA, retreat w/500 gal 15%MCA	
4	2722'-26'	250 gal 15% MCA, retreat w 500 gal 15% MCA	

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 3/8"	3220'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.			Producing Method		
04/22/04			<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 Bbbs.	Gas Mcf	Water Bbbs.	Gas-Oil Ratio	Gravity
	12		10		34

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

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled

Production Interval: Other (Specify) _____

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ALLIED CEMENTING CO., INC.

16825

Federal Tax I.D.#

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

CONFIDENTIAL

SERVICE POINT: Russell

DATE <u>3/25/04</u>	SEC. <u>6</u>	TWP. <u>12</u>	RANGE <u>15</u>	CALLED OUT <u>11:00 AM</u>	ON LOCATION <u>12:30 AM</u>	JOB START	JOB FINISH <u>3/26/04 4:45 AM</u>
LEASE <u>5094</u>	WELL # <u>6-1</u>	LOCATION <u>Fairport 15</u>	COUNTY <u>Ellis</u>	STATE <u>KS</u>			
OLD OR <u>NEW</u> (Circle one)							

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CONTRACTOR MDC #16
 TYPE OF JOB 5 1/2 Prod Crg.
 HOLE SIZE 7 7/8 T.D. _____
 CASING SIZE 5 1/2 DEPTH KCC
 TUBING SIZE _____ DEPTH JUL 1 2004
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. 42'
 PERFS. _____
 DISPLACEMENT 89.75 bbls

OWNER	<u>JUL 06 2004</u>		
CEMENT	<u>KCC WICHITA</u>		
AMOUNT ORDERED	<u>2000 ASC 2% Gel</u> <u>500 GAL Mud Flush</u>		
COMMON	_____	@	_____
POZMIX	_____	@	_____
GEL	<u>4</u>	@	<u>10⁰⁰ 40⁰⁰</u>
CHLORIDE	_____	@	_____
ASC	<u>200</u>	@	<u>9⁰⁰ 1800⁰⁰</u>
_____	_____	@	_____
_____	_____	@	_____
WFR-2	<u>500 GAL</u>	@	<u>1⁰⁰/GAL 500⁰⁰</u>
_____	_____	@	_____
_____	_____	@	_____
_____	_____	@	_____
_____	_____	@	_____
HANDLING	<u>204</u>	@	<u>11⁵ 234⁰⁰</u>
MILEAGE	<u>51/5K/MILE</u>		<u>224⁴⁰</u>
TOTAL			<u>2799⁰⁰</u>

EQUIPMENT

PUMP TRUCK CEMENTER B. H
 # 345 HELPER Shane
 BULK TRUCK
 # _____ DRIVER Brent
 BULK TRUCK
 # _____ DRIVER _____

REMARKS:

pipe at c 3435
shoe joint 42
Insert c 3393'
pump 500 gals Flush Cement w/ 175
lb ASC pump plug w/ 80% bbls
Land plug c 1200' float did hold
1500 RT
1000 MB

CHARGE TO: J.A.O.P.
 STREET _____
 CITY _____ STATE _____ ZIP _____

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DEPTH OF JOB	_____		
PUMP TRUCK CHARGE	<u>1130⁰⁰</u>		
EXTRA FOOTAGE	_____	@	_____
MILEAGE	<u>22</u>	@	<u>35⁰⁰ 77⁰⁰</u>
PLUG	<u>5 1/2 TRP</u>	@	<u>60⁰⁰</u>
_____	_____	@	_____
_____	_____	@	_____
TOTAL			<u>1267⁰⁰</u>

PLUG & FLOAT EQUIPMENT

MANIFOLD	<u>1 Insert</u>	@	<u>235⁰⁰</u>
P-cont	_____	@	<u>40.00 280⁰⁰</u>
1-Basket	_____	@	<u>128⁰⁰</u>
24-Recp. Scratches	_____	@	<u>35⁰⁰ 840⁰⁰</u>
1-Guide Shoe	_____	@	<u>150⁰⁰</u>
TOTAL			<u>1403⁰⁰</u> <u>1633.00</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.

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

SIGNATURE Mike Stenton

PRINTED NAME

ALLIED CEMENTING CO., INC.

16815

Federal Tax I.D.# [REDACTED]

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

CONFIDENTIAL SERVICE POINT: Russell

DATE <u>3/24/04</u>	SEC. <u>6</u>	TWP. <u>12</u>	RANGE <u>15</u>	CALLED OUT <u>6:30Am</u>	ON LOCATION <u>8:15Am</u>	JOB START	JOB FINISH <u>10:00Am</u>
LEASE <u>Susan</u>	WELL # <u>6-1</u>	LOCATION <u>Fairport 15</u>				COUNTY <u>Rawl</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. 930'
 CASING SIZE 8 5/8 DEPTH
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH KCC
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG. 42'
 PERFS.
 DISPLACEMENT 56.5 bbls

EQUIPMENT

PUMP TRUCK CEMENTER Bill
 # 345 HELPER Mark
 BULK TRUCK
 # DRIVER Craig
 BULK TRUCK
 # DRIVER Gary

REMARKS:

Ran 22 ft of 8 5/8 pipe 929
Cemt. w/ 300 lbs 6940 Follow w/ 150 lbs Com
pump plug w/ 56 1/2 bbls of water
Cemt. did Circ.

CHARGE TO: J A Op. Inc.
 STREET _____
 CITY _____ STATE _____ ZIP _____

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
Thanks

OWNER _____ RECEIVED
 CEMENT JUL 06 2004
 AMOUNT ORDERED KCC WICHITA
300 lbs 6940 3-2
150 lbs Com 3-2
 COMMON 330 @ 7 1/5 2359 50
 POZMIX 120 @ 3 80 456 10
 GEL 9 @ 10 00 90 10
 CHLORIDE 14 @ 30 00 420 10
 ASC @ _____
 @ _____
 @ _____
 @ _____
 @ _____
 @ _____
 @ _____
 @ _____
 @ _____
 HANDLING 473 @ 1 1/5 543 95
 MILEAGE 54/SK/mile 473 00
 TOTAL 4342 45

SERVICE

DEPTH OF JOB _____
 PUMP TRUCK CHARGE 630 00
 EXTRA FOOTAGE @ _____
 MILEAGE 20 @ 3 50 70 00
1-8 5/8 Reuben plug @ 100 00
 @ _____
 @ _____
 TOTAL 800 00

PLUG & FLOAT EQUIPMENT

MANIFOLD @ _____
1-8 5/8 Baffle Plate @ 45 00
 @ _____
 @ _____
 @ _____
 TOTAL _____

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

PRINTED NAME Bill Wynn