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Operator: License # 33335

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

API No. 15 - 051-25451-00-50

Operator. Literate #	API No. 15 - 661 2040 1-00					
Name: IA Operating, Inc.	County: Ellis					
Address: 900 N Tyler Road #14	NW_SW_SESec. 22 Twp. 14 S. R. 20 East West					
City/State/Zip: Wichita, KS 67212	1 020					
Purchaser:	2310 feet from E / W (circle one) Line of Section					
Operator Contact Person: Hal Porter	Footages Calculated from Nearest Outside Section Corner:					
Phone: (<u>316</u>) <u>721-0036</u>	(circle one) NE SE NW SW					
Contractor: Name: Murfin Drilling Co., Inc.	Lease Name: Helen Well #: 22-1					
License: 30606	\\/\!daa4					
Wellsite Geologist: Randall Kilian						
Designate Type of Completion:	Elevation: Ground: 2161' Kelly Bushing: 2166'					
New Well Re-Entry Workover	Total Depth: 3854' Plug Back Total Depth: 3750'					
OilSWDSIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented at 235' Feet					
Gas ENHR SIGW						
Dry Other (Core, WSW, Expl., Cathodic, etc)	Multiple Stage Cementing Collar Used? If yes, show depth setFeet					
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated fromFeet					
Operator:	feet depth tosx cmt.					
Well Name:						
Original Comp. Date: Original Total Depth:	Chloride content 59,000 ppm Fluid volume 400 bbls					
Deepening Re-perf Conv. to Enhr./SWD	(Data must be collected from the Reserve Pit) 4-18-07					
Plug BackPlug Back Total Depth	Chloride content 59,000 ppm Fluid volume 400 bbls					
Commingled Docket No.	Dewatering method used Evaporation\Backfill					
Dual Completion Docket No	Location of fluid disposal if hauled offsite:					
Other (SWD or Enhr.?) Docket No	Operator Name:					
0.104.105	Lease Name: License No.:					
8/31/05 9/07/05 9/07/05 Spud Date or Date Reached TD Completion Date or	Quarter Sec Twp S. R East _ West					
Recompletion Date Recompletion Date	County: Docket No.:					
	DOMOT NO.					
Information of side two of this form will be held confidential for a period of 107 for confidentiality in excess of 12 months). One copy of all wireline log TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged well						
herein are complete and correct to the best of my knowledge	late the oil and gas industry have been fully complied with and the statements					
Signature: //www.	KCC Office Use ONLY					
Title: President	NOS SINCE SSE SINE!					
Date:	Letter of Confidentiality Received					
Subscribed and sworn to before me this 15 day of Soptember	er, If Denied, Yes Date:					
20.05	Wireline Log Received					
Notary Public: Quille Burrows	Geologist Report Received					
Date Commission Expires: March 10, 2009	JULIE BURROWS UC Distribution NOTARY PUBLIC STATE OF KANSAS					
	My Appt. Exp. 3-10-09					

Side Two

Operator Name: IA O	rator Name: IA Operating, Inc.			Leas	Lease Name: Helen			Well #: 22-1		
Sec Twp14	S. R. <u>20</u>	Ea	st 🗸 West		nty: Ellis					
INSTRUCTIONS: She tested, time tool open temperature, fluid recommendations with the control of	and closed, flowir overy, and flow rate	ig and shi es if gas t	ut-in pressures, o surface test,	, whether along with	shut-in pr	essure reache	d static level, hyd	rostatic pressu	res, bottom hole	
Drill Stem Tests Taken (Attach Additional Sheets)				Log Formation (Top), D			epth and Datum			
Samples Sent to Geol	ogical Survey	V	Yes No		Name Anhydrite			Тор 1418'	Datum	
Cores Taken				Base			1416	+748 +700		
lectric Log Run		V	Yes No		Тор			3146'	-980	
(Submit Copy)					Lan			3436'	-1270	
ist All E. Logs Run:					Arbuckle			3784'	-1618	
Geologists Well					Rea	gan Sd		3790'	-1624	
Sonic Log, Microresistivity Log, Dual Compensated Porosity Log, Dual Induction Log		ted	Tota	al Depth		3853'	-1687			
		Rep	CASING ort all strings set-	RECORD	***************************************	terraped .	ction, etc.			
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)			eight s. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percen Additives	
Surface	12 1/4	8 5/8"				235'	Common	165	3% cc 2% gel	
			ADDITIONAL	CEMENT	ING / SOI	IEEZE DECOR	D.			
Purpose: Depth Type of Cement				MENTING / SQUEEZE RECORD #Sacks Used Type and Percent Additives						
Perforate Protect Casing Plug Back TD	Top Bottom	60/40 Poz		100		Type and Percent Additives 6 % gel, 1/4 flo seal				
Plug Off Zone										
Shots Per Foot PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated				9	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth					
								DE/	en/en	
	### ##################################			***************************************	***************************************			- Film	JEWEL -	
								SEP	10-2005	
TUBING RECORD	Size	Set At		Packer	Λ.4	Line		KCC	WICHITA	
	JILO	00171	L	Packer	Αι	Liner Run	Yes No)		
ate of First, Resumerd F	Production, SWD or E	nhr.	Producing Met	hod	Flowing	J Pump	ing Gas Li	ft \ \ \ \ Oth	er (Explain)	
stimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wate			Gas-Oil Ratio	Gravity	
isposition of Gas	METHOD OF C	OMPLETIC	L NC		***************************************	Production Inte	rval			
Vented Sold (If vented, Subm	Used on Lease		Open Hole Other (Speci	Per	f. 🗌 D	ually Comp.	Commingled _		,	

ALLIED CEMENTING CO., INC. 22118
Federal Tax I.D.# 48-0727860

SERVICE POINT:
KUSSEL

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

	1 week							
DATE 9/7/05 SEC. TWP. RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH				
LEASE Helen WELL# 22-1 LOCATION P.//	S 85 13E	0,001	COUNTY	STATE				
OLD OR NEW (Circle one)	1 8 130		Ellis	Kn				
CONTERACTION M. a. # 1								
CONTRACTOR MORFIN #16 TYPE OF JOB DUG	OWNER							
HOLEGIES								
CASING SIZE DEPTH	CEMENT							
TUBING SIZE DEPTH	_ AMOUNT ORDI		101 2 1	1 1				
DRILL PIPE 45 DEPTH	- 100	60/40	10 Gel	-5 - FAC				
TOOL DEPTH				,				
PRES. MAX MINIMUM	COMMON	60	@ 8.70	522 0				
MEAS. LINE SHOE JOINT CEMENT LEFT IN CSG.	POZMIX	40	@ 1/.70	188.00				
PERFS.	GEL	Lo	@ 1, 4,00	84.00				
DISPLACEMENT	CHLORIDE		@	6760				
EQUIPMENT	_ ASC		@					
EQUIPMENT	his seal	250	@ 1.70	4250				
PUMP TRUCK CEMENTER Bill			@					
127 HELPER PAUL	A second	,	@					
BULK TRUCK			@					
DRIVER BRIGH			@	Name of the last o				
ULK TRUCK			@	**************************************				
DRIVER	II AND I INC		@					
	HANDLING MILEAGE _ 4		@ <u>1.60</u>	169.60				
REMARKS:	WILLAGE _ Lo 4	15t/mile		330.72				
			TOTAL	1 336.8				
25 pm C 3750								
25 ps C 1470		SERVICI	E					
25 ph @ 800	DEPTH OF JOB							
Isabe E RH	PUMP TRUCK CH	IARGE						
19ph m/t	EXTRA FOOTAGE	74	<u>@</u>	785.00				
	MILEAGE	5 2m	@ 5 0@	260 00				
	MARECENED		@	Par Pr. Pr. Ph. Cin.				
		(@					
HARGE TO: TA OPERating	SEP 1 2005		<u> </u>					
TREET.	KCC WICHIT	^ A		1				
(RISE)	MCC AAICHII		TOTAL _	1,045.00				
ITYSTATEZIP								
	PLU	G & FLOAT E	QUIPMENT	,				
		@						
Allied Cementing Co., Inc.				***				
ou are hereby requested to rent cementing equipment		@	/					
d furnish cementer and helper to assist owner or)					
intractor to do work as is listed. The above work was								
one to satisfaction and supervision of owner agent or			TOTAL _					
ontractor. I have read & understand the "TERMS AND	·		1011L					
ONDITIONS" listed on the reverse side.	TAX							
	TOTAL CHARGE _	A STATE OF THE STA						
	DISCOUNT	Karling Control		Walter Court 1				
		1 1 3 mg/ 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	– IF PAID IN	I 30 DAYS				
ENATURE Ady O. L.		and the second of the second o						
Tay Sufel	ANDLY 1	Iwkel						
	, —	PRINTED N	NAME					

wellfeld ALLIED CEMENTING CO., INC.

21123

REMIT TO P.O. BOX 31 SERVICE POINT: RUSSELL, KANSAS 67665 KUSSE K TWP. RANGE ON LOCATION CALLED OUT JOB START **12.30**ρ JOB FINISH 20 145 12:45 22-1 LOCATION Elli's 85 WELL# OLD OR NEW (Firele one) **OWNER** TYPE OF JOB SUR FACE <u>ာ</u>ေ T.D. **CEMENT** 23# DEPTH 235 CASING SIZE AMOUNT ORDERED 165 Com 390CC **TUBING SIZE** DEPTH DRILL PIPE DEPTH TOOL DEPTH PRES. MAX 165 **MINIMUM** COMMON @ 8.70 1,435.50 MEAS. LINE @__ POZMIX CEMENT LEFT IN CSG **GEL** @ PERFS. CHLORIDE 38.00 190.00 @ DISPLACEMENT ASC (a) **EQUIPMENT** @ @ (a) PUMP TRUCK CEMENTER Shane @ 360 HELPER FILL @ **BULK TRUCK** @ DRIVER Rian @ **BULK TRUCK** @ DRIVER HANDLING @ MILEAGE 6 & / SK/mile 514.80 **REMARKS:** TOTAL 2, 459.10 SERVICE DEPTH OF JOB PUMP TRUCK CHARGE EXTRA FOOTAGE **@** MILEAGE @ <u>5.00</u> _ MANIFOLD_ @ @ @ CHARGE TO: IA. Operating. Inc. TOTAL 930.00 STREET _ _ STATE ____ZIP CITY_ PLUG & FLOAT EQUIPMENT 100 @ 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 TOTAL <u>5</u>5.00 contractor. I have read & understand the "TERMS AND CONDITIONS", listed on the reverse side. TAX_ TOTAL CHARGE _____ SIGNATURE Say Dishel IF PAID IN 30 DAYS DISCOUNT __ ANdy Dinke PRINTED NAME