RELEASED KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

OIL & GAS CONSERVATION DIVISION A
WELL COMPLETION OF WELL & LEASE
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form ACO-1 September 1999 Form Must Be Typed

ORIGINAL

API No. 15 - 15-135-24278 - County: Ness
•
sw_sw_sw_nw sec. 21 Twp. 17 s. R. 22 ☐ East ✓ We
2310 feet from S (N)(circle one) Line of Section
120 feet from E (W) (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Ann Well #: 1
Field Name: Happy Hollow N.
Producing Formation: Cherokee
Elevation: Ground: 2275 Kelly Bushing: 2280
Total Depth: 4350 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at 280 Fee
Multiple Stage Cementing Collar Used?
If yes, show depth setFe
If Alternate II completion, cement circulated from
feet depth to w/sx cm
Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Chloride content 3500 ppm Fluid volume 5000 bbl
Dewatering method used Evaporation
Location of fluid disposal if hauled offsite:
Operator Name:
Lease Name: License No.:
Quarter Sec Twp. S. R East Wee
County: Docket No.:

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Kansas 67202, within 120 days of the spud date, recompletion, workover or conversinformation of side two of this form will be held confidential for a period of 12 months if 107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologis TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP	sion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. requested in writing and submitted with the form (see rule 82-3-st well report shall be attached with this form. ALL CEMENTING
ill requirements of the statutes, rules and regulations promulgated to regulate the oil an erein are complete and correct to the best of my knowledge. ignature: Date: 5-14-4	kcc Office Use ONLY
ubscribed and sworn to before me this 14th day of	If Denied, Yes Date: Wireline Log Received Geologist Report Received UIC Distribution
ate Commission Explusive KURT L. SMITH 7-14-05 OFFICIAL MY COMMISSION EXPIRES July 14, 2005	

Side Two

ORIGINAL

Operator Name: NO	RIHERN LIGH	IS OIL C	CO., LC	Lease	Name:	Ann		_ Well #:1		
Sec. 21 Twp. 1	7 s. R. 22	Eas	st ✓ West	County:	Nes	S				
INSTRUCTIONS: She tested, time tool open temperature, fluid reco Electric Wireline Logs	and closed, flowin	g and shu s if gas to	t-in pressures, surface test,	whether sho along with fir	ut-in pr	essure reached	static level hydro	static pressur	es, bottom	hole
Drill Stem Tests Taken (Attach Additional S	Yes No ✓ L			Log Formation (Top), Depth and Datu			Sample			
Samples Sent to Geol	ogical Survey	V	es No		Name Top Datu				≱tum	
Cores Taken	Cores Taken Yes				Anhydrite			1556	+7	724
Electric Log Run (Submit Copy)		√ \	es No		LKC	;		-1446		
List All E. Logs Run:	1	RECE	IVED		FT Scott 4198			-1	-1918	
RAG	ħ	MAY 1	8 2004		Mississippian 4330			4330	-2050	
	K	CC W	ICHITA							
		Repo		RECORD		ew Used ermediate, produ	ction, etc.			
Purpose of String	Size Hole Drilled		Size Casing Weigh Set (In O.D.) Lbs. / F			Setting Depth	Type of Cement	# Sacks Used		d Percent litives
Surface	12 1/4	8 5/8				280'	60/40 poz	1955	6%gel	.2%flwS
<u></u>			ADDITIONAL	CEMENTIN	G / SQI	JEEZE RECOR	D			
Purpose: Perforate	Depth Top Bottom	Type of Cement		#Sacks Used		Type and Percent Additives				
Protect Casing Plug Back TD										
Plug Off Zone										
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				
										WANTED TO THE STATE OF THE STAT
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TUBING RECORD	Size	Set At	:	Packer At		Liner Run	Yes No			Washington taken a terranaman
Date of First, Resumed F	Production, SWD or E	nhr.	Producing Meti	nod	Flowing	g Pump		Othe	er (Explain)	
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wate	•		as-Oil Ratio		Gravity
Disposition of Gas	METHOD OF (COMPLETION	DN ON			Production Inte	rval			Manager American State of the Control of the Contro
Vented Sold	Used on Lease		Open Hole	Perf.	Е	Dually Comp.	Commingled	17		
(If vented, Sun	nit ACO-18.)		Other (Spec	ify)		MARINE WALLES AND			/ y = m	nev _y

BOX 31 SELL, KANSAS 67665 RECEIT TAX I.D.# ORIGINAL SERVICE POINT: DE BOX 31 SELL, KANSAS 67665

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

							<i>y</i> .	3.7PAX.1X	
DATE 4-13-04	SEC.	TWP.	RANGE		ALLED OUT	ON LOCATION	Los	START 45PM	JOB FINISH
LEASE ANN	WELL#		LOCATION 2	mina	4w. 720.	en .	- 1	JNTY	STATE
OLD OR NEW (Ci	rcle one)			2	107 / 200	-			1 1 1 2 2 2
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CONTRACTOR N					OWNER &	20mil			
TYPE OF JOB S	C)		100		CEMENT	,			
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TOOL			EPTH		w				
PRES. MAX			INIMUM REI		TOMMON	188 11	@	7.85	1322,75
MEAS. LINE		IVI VI	HOE JOINT	LEASE	POZMIX	10-14	@ . @		1 200010
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	DRIVER	Non	Dugo	8 K mm			@		
BULK TRUCK							@		
#	DRIVER				HANDLING	195 set	@	1.15	224.25
					MILEAGE _	195 put 0	S	15_	146.25
	RE	MARKS	:					TOTAL	1913.25
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GENERAL TERMS AND CONDITIONS

DEFINITIONS: In these terms and conditions, "Allied" shall mean Allied Cementing Co., Inc., and "Customer" shall refer to the party identified by that term on the front of this contract. As applicable, "Job" relates to the services described on the front side of this contract, "merchandise" refers to the material described on the front of this contract and to any other materials, products, or supplies used, sold, or furnished under the requirements of this contract.

- —TERMS: Unless satisfactory credit has been established, "CUSTOMER" must tender full cash payment to "ALLIED" before the job is undertaken or merchandise is delivered. If satisfactory credit has been established, the terms of payment for the job and/or merchandise, including bulk cement, are net cash, payable in 30 days from the completion of the job and/or delivery of the merchandise. For all past due invoices, "CUSTOMER" agrees to pay interest on amounts invoiced at a rate of 18 percent per annum until paid. Notwithstanding the foregoing, in no event shall this Contract provide for interest exceeding the maximum rate of interest that "CUSTOMER" may agree to pay under applicable law. If any such interest should be provided for, it shall be and hereby is deemed to be a mistake, and this contract shall be automatically reformed to lower the rate of interest to the maximum legal contract rate, any amounts previously paid as excess interest shall be deducted from the amounts owing from the "CUSTOMER" or at the option of "ALLIED," refunded directly to "CUSTOMER." For purposes of this paragraph, ALLIED and CUSTOMER agree that KANSAS law shall apply. Any discounts granted with this contract are null and void if the charges are not paid when due.
- —ATTORNEY FEES: In any legal action or proceeding between the parties to enforce any of the terms of this Service Contract, or in any way pertaining to the terms of this Contract, the prevailing party shall be entitled to recover all expenses, including, but not limited to, a reasonable sum as and for attorney's fees.
- —PRICES AND TAXES: All merchandise listed in "ALLIED'S" current price schedule are F.O.B. ALLIED'S local station and are subject to change without notice. All prices are exclusive of any federal, state, local, or special taxes for the sale or use of the merchandise or services listed. The amount of taxes required to be paid by ALLIED shall be added to the quoted prices charged to CUSTOMER.
- —TOWING CHARGES: ALLIED will make a reasonable attempt to get to and from each job site using its own equipment. Should ALLIED be unable to do so because of poor or inadequate road conditions, and should it become necessary to employ a tractor or other pulling equipment to get to or from the job site, the tractor or pulling equipment will be supplied by CUSTOMER or, if furnished by ALLIED, will be charged to and paid by CUSTOMER.
- —PREPARATION CHARGES: If a job and/or merchandise is ordered and CUSTOMER cancels the order after preparation of a chemical solution or other material, CUSTOMER will pay ALLIED for the expenses incurred by ALLIED as a result of the cancellation.
- —DEADHAUL, CHARGES: Unless otherwise specified on the front of this Contract, a deadhaul charge as set forth in ALLIED'S current price book will be charged each way for each service unit which is ordered by CUSTOMER but not used.
- —SERVICE CONDITIONS AND LIABILITIES: 1. ALLIED carries public liability and property damage insurance, but since there are so many uncertain and unknown conditions beyond ALLIED'S control, ALLIED shall not be liable for injuries to property or persons or for loss or damage arising from the performance of the job or delivery of the merchandise. Customer shall be responsible for and indemnify, defend, and hold harmless ALLIED, its officers, agents and employees, from and against any and all claims or suits for:
- (A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or the well owner; and:
- (B) Oil spills, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with ALLIED'S performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of ALLIED or its employees.
- 2. With respect to any of ALLIED'S tools, equipment, or instruments which are lost in the well or damaged when performing or attempting to perform the job or, in the case of marine operations, are lost or damaged at any time after delivery to the landing for CUSTOMER and before return to ALLIED at the landing, CUSTOMER shall either recover the lost item without cost to ALLIED or reimburse ALLIED the current replacement cost of the item unless the loss or damage results from the sole negligence of ALLIED or its employees.
- 3. ALLIED does not assume any liability or responsibility for damages or conditions resulting from chemical action in cements caused by contamination of water or other fluids.
- WARRANTIES: 1. ALLIED warrants all merchandise manufactured or furnished by it to be free from defects in material and workmanship under normal use and service when installed, and used, and/or serviced in the manner provided and intended. ALLIED'S obligation under this warranty is expressly limited to repair, replacement, or allowance for credit, at its option, for any merchandise which is determined by ALLIED to be defective. THIS IS THE SOLE WARRANTY OF ALLIED AND NO OTHER WARRANTY IS APPLICABLE, EITHER EXPRESS OR OTHERWISE IMPLIED, IN FACT OR IN LAW, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE, CUSTOMER'S sole and only remedy with regard to any defective merchandise shall be the repair or replacement thereof or allowance for credit as herein provided, and ALLIED shall not be liable for any consequential, special, incidental, or punitive damages resulting from or caused by defective materials, products or supplies.
 - 2. More specifically:
- (A) Nothing in this contract shall be construed as a warranty by ALLIED of the success or the effectiveness of the result of any work done or merchandise used, sold, or furnished under this contract.
- (B) Nothing in this contract shall be construed as a warranty of the accuracy or correctness of any facts, information, or data furnished by ALLIED or any interpretation of tests, meter readings, chart information, analysis of research, or recommendations made by ALLIED, unless the inaccuracy or incorrectness is caused by the wilful misconduct or gross negligence of ALLIED or its employees in the preparation or furnishing of such facts, information or data.
- (C) Work done by ALLIED shall be under the direct supervision and control of the CUSTOMER or his agent and ALLIED will accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.

ALLIED CEMENTING CO., INC. 13004

Federal Tax J.D.#N REMIT TO P.O. BOX 31 **RUSSELL, KANSAS 67665** TWP. RANGE ON LOCATION JOB START JOB FINISH DATE 4.19.04 1:00PM 4:45PM COUNTY STATE LOCATION Bayine 4w, 7/2N, eartside LEASE Ann Mess OLDOR NEW (Circle one) CONTRACTOR Malland J.V. OWNER Morthern Lighto TYPE OF JOB Rotary Pl **HOLE SIZE** 71/8 **CEMENT** 4350' AMOUNT ORDERED 215 M 60/40 670 gel **CASING SIZE DEPTH** 1/4 # 120 Sen **TUBING SIZE** DEPTH DRILL PIPE 41/2 DEPTH 1600 TOOL **DEPTH** PRES. MAX COMMON 129se **MINIMUM** MEAS. LINE SHOR FOLKING SED POZMIX ___ CEMENT LEFT IN CSG. FROM PERFS. **CHLORIDE** CONFIDENTIAL DISPLACEMENT TO SEAL **EQUIPMENT PUMP TRUCK** CEMENTER Dreilin @ Von Dimmitt #120 HANDLING 228AL _@_<u>__, 2S__</u>_ **BULK TRUCK** MILEAGE 228 W 05 15 171.00 DRIVER Marylyn 担342 **BULK TRUCK** TOTAL 1983.45 DRIVER **REMARKS: SERVICE** 1600 - 50m DEPTH OF JOB 1600' PUMP TRUCK CHARGE 570.00 **EXTRA FOOTAGE MILEAGE** @ 4.00 @ RECEIVED 15 ex in rathole MAY 18 2004 TOTAL 6030 KCC WICHITA STREET **P.O. Box** 164 FLOAT EQUIPMENT CITY Andover STATE Kansas ZIP 67002 To Allied Cementing Co., Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or TOTAL ____ contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or TAX__ contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side. IF PAID IN 30 DAYS PRINTED NAME

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