KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

ORIGINAL September 1989
Form Must Be Typed

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 5474	API No. 15 - 071-204820000 20842-00-60
Name: NORTHERN LIGHTS OIL CO., LC	County: Greeley
Address: P.O. BOX 164	s/2_sw_sesec. 22_ twp. 16_s. R. 42 ☐ East west
City/State/Zip: ANDOVER, KS 67002	70 feet from S N (circle one) Line of Section
Purchaser:	1730 feet from E W (circle one) Line of Section
VI IDT SMITH	Footages Calculated from Nearest Outside Section Corner:
Phone: (316_) 733-1515	(circle one) NE SE NW SW
Contractor: Name: MALLARD JV MAY 2 Z 2006	Lease Name: BILLIE JO Well #: 1
4958	Field Name: SIDNEY SOUTH
Wellsite Geologist: JEFF CHRISTIAN KCC WICHITA	Producing Formation:
Designate Type of Completion:	Elevation: Ground: 3820 Kelly Bushing: 3830
New Well Re-Entry Workover	Total Depth: 5140 Plug Back Total Depth:
Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at 362 Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used?
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth setFeet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from
-	
Operator:	feet depth tow/sx cmt.
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan
Deepening Re-perf Conv. to Enhr./SWD	(Data must be collected from the Reserve Pit)
Plug Back Plug Back Total Depth	Chloride content 2000 ppm Fluid volume 1500 bbls
•	Dewatering method used EVAPORATION
•	Location of fluid disposal if hauled offsite:
Dual Completion Docket No	Operator Name:
Other (SWD or Enhr.?) Docket No.	Lease Name: License No.:
4-24-06 5-2-06 5-2-06	Quarter Sec Twp. S. R East West
Spud Date or Date Reached TD Completion Date or Recompletion Date	County: Docket No.:
Kansas 67202, within 120 days of the spud date, recompletion, workow Information of side two of this form will be held confidential for a period of	n the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, er or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. 12 months if requested in writing and submitted with the form (see rule 82-3-112 and geologist well report shall be attached with this form. ALL CEMENTING Submit CP-111 form with all temporarily abandoned wells.
All requirements of the statutes, rules and regulations promulgated to regulaterin are complete and correct to the best of my knowledge.	ate the oil and gas industry have been fully complied with and the statements
Signature: WWW ALL	KCC Office Use ONLY
Title: MANGING GARTNER Date 5-18.	Letter of Confidentiality Attached
Subscribed and sworn to before me this 18 th day of MAY	If Denied, Yes Date:
16200C	, Wireline Log Received
year 1	Geologist Report Received
Notary Public:	UIC Distribution
Date Commission Expires: KURT L. SMITH OFFICIAL MY COMMISSION EX	PIRES
July 14, 2009	(1

Operator Name: NOR	THERN LIGHT	S OIL C	O., LC					Well #:1			
Sec. 22 Twp. 16	s. R. 42	Eas	t ✓ West	County	y: Gree	ley					
INSTRUCTIONS: Sho tested, time tool open a temperature, fluid recor Electric Wireline Logs	and closed, flowing very, and flow rates	and shut if gas to	-in pressures, v surface test, a	whether sl long with 1	hut-in pre	ssure reached	static level, hydro	ostatic pressur	es, bottom l	nole	
Drill Stem Tests Taken Ye (Attach Additional Sheets)		es ✓ No		✓ Log Formation (Top), Dept		on (Top), Depth a	th and Datum Sam		mple		
Samples Sent to Geolo	,	⊘ Y	es No		Name			Тор		Datum	
Cores Taken	ogiocal Gui voy		es ✓ No		ANH	Υ		2690	+1	140	
Electric Log Run (Submit Copy)		√ Y			LKC			4144	-31	4	
List All E. Logs Run:	RECEIN	/ED			MOF	RROW SH		4979	-11	149	
DI, CDN	MAY 2 2	2006			Miss	sissippian		5078	078 -1248		
	KCC WIC	CHITA					•				
		Repo		RECORD onductor, s	✓ Ne urface, inte	w Used ermediate, produc	tion, etc.				
Purpose of String	Size Hole Drilled		re Casing t (In O.D.)		ight / Ft.	Setting Type Depth Cem		# Sacks Used	Type and Percent Additives		
SURFACE	12 1/4	8 5/8		23#		362	common	315	3%gel2	%сс	
			· ····								
			ADDITIONAL	CEMENTI	ING / SQL	JEEZE RECORI)	1			
Purpose: Depth Perforate Top Bottom Protect Casing Plug Back TD		Туре	Type of Cement #Sack		s Used	Type and Percent Additives					
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							
											
TUBING RECORD	Size	Set At	1	Packer	At	Liner Run	Yes No)			
Date of First, Resumed F	Production, SWD or E	nhr.	Producing Meth	nod	Flowin	g Pump	ing Gas L	ift Oth	ner (Explain)		
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wat			Gas-Oil Ratio		Gravity	
Disposition of Gas	METHOD OF	COMPLETI	ON			Production Inte	rval		<u>,</u>		
Vented Sold	Used on Lease mit ACO-18.)		Open Hole Other (Spec	Per	rf. (Dually Comp.	Commingled				

ALLIED CEMENTING CO., INC. 23982

Federal Tax I.D.#

REMIT TO P.O. BOX 31 **SERVICE POINT: RUSSELL, KANSAS 67665** Oakley KS 5-2-06 SEC. TWP. RANGE CALLED OUT ON LOCATION JOB START JOB FINISH 1:00pm 2:000m COUNTY LOCATION Optown Leeders Greeler OLD OR NEW (Circle one) Murtin **CONTRACTOR** OWNER TYPE OF JOB **CEMENT HOLE SIZE** T.D. AMOUNT ORDERED 235 60140 **CASING SIZE** DEPTH **DEPTH TUBING SIZE** 69000 114# Clo-Seal DRILL PIPE DEPTH TOOL DEPTH PRES. MAX **MINIMUM** MEAS. LINE **SHOE JOINT** POZMIX CEMENT LEFT IN CSG. GEL PERFS. CHLORIDE **DISPLACEMENT** ASC ____ **EQUIPMENT** KCC WICHITA **PUMP TRUCK** CEMENTER TURNS 4 -# 102 HELPER JANOS BULK TRUCK # 218 DRIVER **BULK TRUCK** DRIVER @ MILEAGE . O7 YSKY mile **REMARKS:** TOTAL 3995 27001 80 5KS **SERVICE** 400 50 sks 20 5KS DEPTH OF JOB PUMP TRUCK CHARGE EXTRA FOOTAGE MILEAGE 8 \ @_**S** MANIFOLD _ **@** CHARGE TO: Nonthern Li TOTAL 1230 CITY_____STATE ___ PLUG & FLOAT EQUIPMENT 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 TOTAL _____ done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side. TOTAL CHARGE _____ _____ IF PAID IN 30 DAYS SIGNATURE Lagtan Flint

PRINTED NAME

GENERAL TERMS AND CONDITIONS

DEFINITIONS: In these terms and conditions, "Allied" shall mean Allied Cementing Co., Inc., and "Cústomer" 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. 24002

Federal Tax I.D

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REMIT TO P.O. BOX 31		SER	VICE POINT:	
RUSSELL, KANSAS 67665			OgKI	ex
# 2/1, 2 / leng mun h.v.on			· ·	/ Transport
4-24-06 SEC. TWP. RANGE CO DATE 22 165 72W	ALLED OUT	ON LOCATION	JOB START	JOB FINISH
Billie TO	- /	<u> </u>	COUNTY	STATE
LEASE WELL# LOCATION Ox 70 W	in Feeder	Rd low 15	Greeley	
OLD OR NEW (Circle one)		W/5		-
		<u> </u>		
CONTRACTOR MUT- In Drig Rig 14	OWNER	Sqme		
TYPE OF JOB Surface				
HOLE SIZE /2 /4 T.D. 36.5	CEMENT			
CASING SIZE 979 DEPTH 365	AMOUNT O		100	
TUBING SIZE DEPTH	315 SK	5 Com 370	CC 290 G	0_/
DRILL PIPE DEPTH TOOL DEPTH	-			
TOOL DEPTH PRES. MAX 3004 MINIMUM	COMMON_	315060	@ // n6	34150
MEAS. LINE SHOE JOINT 44.65	POZMIX	315 sks	_@ <i>//،\00</i> @	5760,00
CEMENT LEFT IN CSG H465'	GEL	65K5	_ ~	90.00
PERFS. RECEIVED	CHLORIDE	. 1 1		462.00
DICDLACEMENT 90% R//-	ASC		_ @ <u>17 </u>	- FUARCE
EQUIPMENT MAY 2 2 2006	1100			
PUMPTRUCK CEMENTER A)ean			@	
TOM TROOK OBMENTER - RO			@	
#373-25/ HELPER And Jarrod BULK TRUCK			@	
# 399 DRIVER Mike				
BULK TRUCK	Marrian	· ·	@	
# DRIVER		200-	_@	
DRIVER.	HANDLING	7 / / /	@ / <i>[10</i>	564.40
	MILEAGE _	14/5F/N	rile_	1882,44
REMARKS:			TOTAL	6463.84
Circulated 155ks TO PiT.				
Pluy Landed on Baffle Plate-		SERVI	CE	
97 300 F			01-1	
	DEPTH OF J	OB	36.5	
	PUMP TRUC			735.00
	EXTRA FOO		_@ <i>60</i>	39.00
-H-1/2	MILEAGE _	81 Miles	_ @ <u>5.Cd</u>	405,00
- Jank You	MANIFOLD		_ @	
/		· · · · · · · · · · · · · · · · · · ·	_ @	
11 11 1, 1, 0:1	 -		_ @	
CHARGE TO: Northern Lights Oil				11-
STREET			TOTAL	1179.00
		_		
CITYSTATEZIP	2/8	PLUG & FLOAT	r eathdalea	T T
	0	PLUG & FLUA	LEQUIPMEN	11
	1000	21 12		
		le Plate	_ @	45,00
	1-centi	alizers	@	35.00
To Allied Cementing Co., Inc.	878 Sur	tace flug	_@	55,00
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				4 00
done to satisfaction and supervision of owner agent or			TOTAL	15500
contractor. I have read & understand the "TERMS AND				
CONDITIONS" listed on the reverse side.				
COMDITIONS listed on the reverse side.	TAX		-	
CONDITIONS listed on the reverse side.			_	
CONDITIONS listed on the levelse side.	TOTAL CHA	RGE		
CONDITIONS listed on the reverse side.	TOTAL CHA			D IN 30 DAYS
	TOTAL CHA	RGE		D IN 30 DAYS

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- (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.
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