KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

ACC WICHES

RECEIVED
Form ACO-1
September 1999
Form Must Be Typed

ASE

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

WELL HISTORY - DESCRI	ORIGINAL
Operator: License # 6039	API No. 15 - 009-24731-0000 U'N IUIN A L
Name: L. D. Drilling, Inc.	County: Barton
Address: Route 1, Box 183 B	c _E/2_NE_/4_ Sec19_Twp20_S. R11 East
City/State/Zip: Great Bend, Kansas 67530	1320 feet from S I(1) (circle one) Line of Section
Purchaser: Eaglwing	760 feet from E / W (circle one) Line of Section
Operator Contact Person: L. D. Davis	Footages Calculated from Nearest Outside Section Corner:
Phone: (_620) _793-3051	(circle one) (NE) SE NW SW
Contractor: Name: Company Tools	Lease Name: SPECE Well #: 1
License: 6039	Field Name: Chase/Silica
Wellsite Geologist: Kim Shoemaker	Producing Formation: Arbuckle
Designate Type of Completion:	Elevation: Ground: 1786 Kelly Bushing: 1791
New Well Re-Entry Workover	Total Depth: 3347' Plug Back Total Depth:
Oil SWD SIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented at 306 Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used?Yes ☑ No
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth set Feet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from
Operator:	feet depth tosx cmt.
Well Name:	Drilling Fluid Management Plan All lu 10.11.02
Original Comp. Date: Original Total Depth:	(Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	Chloride contentppm Fluid volumebbls
Plug BackPlug Back Total Depth	Dewatering method used
Commingled Docket No.	Location of fluid disposal if hauled offsite:
Dual Completion Docket No	-
Other (SWD or Enhr.?) Docket No	Operator Name:
2-19-02 2-27-02 3-06-02	Lease Name: License No.:
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date	Quarter Sec Twp. S. R East West
Treasurpoint Bala	County: Docket No.:
INSTRUCTIONS: An original and two copies of this form shall be filed with Kansas 67202, within 120 days of the spud date, recompletion, workove Information of side two of this form will be held confidential for a period of 12 107 for confidentiality in excess of 12 months). One copy of all wireline logs of TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells.	r or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. 2 months if requested in writing and submitted with the form (see rule 82-3-and geologist well report shall be attached with this form. ALL CEMENTING
All requirements of the statutes, rules and regulations promulgated to regulat herein are complete and correct to the best of my knowledge.	te the oil and gas industry have been fully complied with and the statements
Signature: L. D. Davis	KCC Office Use ONLY
Title: President Date: 7-24-02	Letter of Confidentiality Attached
Subscribed and sworn to before me this 24th day ofJuly	If Denied, Yes Date:
ASX 2002	Wireline Log Received
	Geologist Report Received
Notary Public: Bessie M. DeWerf of Kansan 0-05	UIC Distribution
Date Commission Explicate NOTARY PUBLIC - State of Karsan 20-05	
ENTE OF CHEES My Appt. Exp. 5-30-05	

15.009.24731.0000 ORIGINAL

Side Two

Operator Name: L. D. Drilling, Inc. Sec. 19 Twp. 20 S. R. 11 East ✔ West					se Name:-	SPECE		Well #:			
					_{ity:} <u>Bart</u>	on					
INSTRUCTIONS: Sho tested, time tool open temperature, fluid reco Electric Wireline Logs	and closed, flowin very, and flow rate	g and shu	t-in pressures, surface test, a	whether a along with	shut-in pre	essure reached	static level, hydro	static pressu	res, botto	m hole	
Drill Stem Tests Taken (Attach Additional S	es No		L	.og Format	ion (Top), Depth a	nd Datum		Sample			
Samples Sent to Geole	ogical Survey	☑ Y	es No		Nam	10		Тор		Datum	
Cores Taken			′es ✔No ′es ✔No			RECEIVED					
ist All E. Logs Run:							JUL 2				
_	ma-Ray 1	VenTr	ron		See	Attachment	KCC WI	CHITA			
	-	Repo		RECORD		ew Used ermediate, produc	tion, etc.				
Purpose of String	Size Hole Drilled		ze Casing t (In O.D.)		eight s. / Ft.	Setting Depth	Type of Cement	# Sacks Ty		and Percent	
Surface	12 1/4"	8 5/8"		24#		306'	60/40 Poz				
Casing	7 7/8"	4 1/2"				3339		100	EA2		
	ł	<u> </u>	ADDITIONAL	. CEMENT	TING / SQL	JEEZE RECORI)		<u> </u>		
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Туре	of Cement	#Sack	ks Used		Type and P	ercent Additive	s		
Shots Per Foot			RD - Bridge Plug Each Interval Per		е	Acid, Fracture, Shot, Cement Squeeze Record (Amount end Kind of Material Used) Depth					
2 spf	3331-3339					2250 1.	5% FENE	<u> </u>		3331 <u>–</u> 39	
TUBING RECORD	Size	Set At		Packer		Liner Run		-			
	2 7/8"	334					Yes x No				
Date of First, Resumed P March 6,		nhr.	Producing Meth	od	Flowin	g Pumpi	ing Gas Lif	t Oth	ier <i>(Explair</i>	1)	
Estimated Production Per 24 Hours				Mcf	Water Bbls. Gas-Oil Ratio				Gravity 38°		
Disposition of Gas	METHOD OF	COMPLETIC		/-	. \	Production Inte	rval				
Vented Sold (If vented, Sum	Used on Lease it ACO-18.)		Open Hole	ify) Pe	ort.) 1	Dually Comp.	Commingled	 ,			

ETTACHED TO AND MADE A PART OF ACO-1 SPECE #1, 100' West C-E/2-NE Sec. 19-20-11 Barton County

DAILY DRILLING REPORT

OPERATOR: L. D. DRILLING, INC.

WELLSITE GEOLOGIST: KIM SHOEMAKER

100' W of C-E/2 Ne/4

Sec. 19-20-11 Bt.

COMPRACTOR: I D DETITING INC

RECEIVED ELEVATION: 1 1786'GR 1791' KB

CONTRACTOR: L. D. DRILLING, INC.

JUL 25 EVUZ PTD: 3350'

SPUD: 4:45 PM. Feb. 19, 2002

KCC WICHITA

SURFACE: Set 306' 8 5/8" 24# Surface Csg. W/225 sx. 60/40 pozmix, 2% Gel, 3% cc

Did circulate. Allied Cementing Plug Down 10:30 PM 2-19-02

2-19-02 Move in rig up, run surface cst.

- 2-20-02 319' Drilling

2-21-02 1530' DST #1 on bottom

2-22-02 2225' Drilling

2-23-02 2955' Drilling

2-24-02 3220' DST #4

2-25-02 3326' Go in hole after DST #5

2-26-02 3342' DST #7

2-27-02 3347' Ran 79 jts new 4 1/2" csg

3,349.35' tally

Set @ 3,339' - 8' off Bottom

Cement 100 sx EA-2, by Swift Cement

Plug Down 7:30 A.M. 2-27-02

DST #1 1499-1530 _____Chase_

TIMES: 30-30-30-30

BLOW: 1st Open weak blow died in 5 min.

2nd open weak blow died in 3 min.

RECOVERY: 10' Drilling Mud

IFP: 14-16 FFP: 11-15 ISIP:

32

FSIP:

25

DST #2 <u>1510-1550 Wi</u>nfield_

TIMES: 30-30

BLOW: 1st open 1/2" dec. to surface

blow

2nd open

RECOVERY: 30' Muddy water

IFP: 13-36

FFP:

ISIP: FSIP:

102 Temp 77°

DST #3 3076-3146 K/C A-E zone

TIMES: 30-45-45-60

BLOW: 1st open bb in 21 min

2nd open bb in 24 min.

RECOVERY: 180' gip, 20' mud W/free

oil on tool

IFP:12-15 FFP:13-17

ISIP:

FSIP:

Temp: 97°

158

140

OST #4 3204-3270 Lans. H-J Zone

Times: 30-30-30-30

BLOW: 1st open blt to 1"

2nd open 1/4" thru-out

RECOVERY: 20' mud w/few oil spks on tool

IFP:9-14 FFP: 12-14 ISIP:29 FSIP:29

TEMP: 95°

Men

SAMPLE TOPS:

Anhy. 533~554 (+1258) Chase 1495 (+ 296)

Winfield 1543 (+ 248)

Heebner 2944 (-1153)

Brown Lime 3071 (-1280) Lansing 3087 (-1296)

Base K/C . 3310 (-1519)

Arbuckle 3316 (-1525) RTD 3347 (-1556)

Page 2 SPECE #1 100' W of C E/2 NE/4 Sec. 19-20-11 Barton County

DST #5 3300-3326 Arbuckle

TIMES: 30-45-30-30

BLOW: 1st open 1" blow

2nd open no blow

RECOVERY: 2 Drilling mud

IFP: 8-8 FFP: 9-8 ISIP: 21 FSIP: 13

Tenp: 95°

Arbuckle (coming out @ 11:30 AM) KCC WICHITA

DST #6 3309-3337

Times: 30-45-45-60

1st open: BOB 10 Min

2nd open: BOB 12 Min

RECOVERY: 385' gip, 45' co, 36' 10% gas, 40% oil, 50% mud

31' Heavy 22% gasy, 23% oily, 55% cut mud

IFP: 20-39 FFP: 43-55 ISIP: 373 FSIP: 281

TEMP: 96°

DST #7 3306-3342

Arbuckle

TIMES: 30-45-45-60

BLOW: 1st open 11 min BOB

2nd open 14 min BOB

RECOVERY: 82' clean oil

82' Heavy oil, cut mud

32' gip, 11% gas, 5% water, 40% oil, 44% mud

332' gip

IFP: 19-47 FFP: 53-73 ISIP: 666 FSIP: 520

TEMP: 93°

DST #8 3335 - 3347' Arbuckle

TIMES: 30-45-45-60

BLOW: 1st open BOB 8 min

2nd open BOB 8 min

RECOVERY: 404 gip, 82' clean oil, 41 gravity

41' hocm, 31' hogcm

42% oil, 6% water, 10% gas, 36% oil

IFP: 23-49 FFP: 51-67 ISIP: 544 FSIP: 478

TEMP: 95°

15.009.24731.0000

SWIFT

PO Box 466

TICKET CONTINUATION

No. 4297

Service	Ne Ne		ly, KS 675 5-798-23			CUSTOMERO. Dr.	اج		WELL SPE	.c-e	#1	DATE 2-27-	02.		
PRICE REFERENCE	SECONDARY REFERENCE/	Loc	ACCOUNTIN	ig DE	TIME	DES	SCRIPTIC	NESC SE		·U/M		PAICE:	推	AMOUNT	
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583		\top				MILEAGE TOTAL WEIGHT CHARGE 10 500		LOADED MILES	TON MILES		67.5	:	75	275	6.3
				-				,			CONTIN	NUATION TOTAL	1 0	1479	. 33

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JOB LOG

SWIFT Services, Inc. DRIGINAL DATE 2-27-02 PAGE NO.

LEASE SPECE JOB TYPE 2/5 TICKET NO. 4207

CUSTOMER Orlg WELL NO. PRESSURE (PSI) PUMPS RATE (BPM) VOLUME (BBL) (GAL) CHART TIME **DESCRIPTION OF OPERATION AND MATERIALS** CASING C TUBING on Loc Rig Laying Down P.P. 0320 0450 Run Guide shoe insert Float w/ auto Fil Cent on Collars 1, 2, 4
Cog on bottem Total CSG 3349 S.J.
Tag Botton + P.U. 10' TO CMT Circ W/ Rig 5T 500 gel mud flush
100 5K5 EA-2 w/1/2% CFR-2, 1/4 % D-1
1/4 #/sk floallo 12 BBL Lind CMT washout PAC
Release Pluy + 5T Disp
Pluy Down
Release Float Seld
Job Complete 24 886 53 BBC 0800 RECEIVED JUL 2 5 2002 KCC WICHITA

15.009.24731.0000

ALLIED CEMENTING CO., INC.

Federal Tax I.D.# 48-0727860

REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665 SERVICE POINT:

ROSS.	LLL, IXA	; Naza ožod				- 1 / s an 3	Bond
	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
DATE 2.19.02	19_	20	11	18:00 PM	8:35 PM		
LEASE Space.	WEII#	,	LOCATION & Sin	. 1 11	10 1:4	COUNTY	STATE
OLD OR NEW (Cir			1 1 1		to cognost	TARRAN	T HOMAG
OLD ORGINEW JCII	one)		Church 1/41	y west into.			
CONTRACTOR >	(A) (A)	Brillian.		OWNER	19		
TYPE OF JOB		4					
HOLE SIZE 121/	10	T.D.	3//	CEMENT			
CASING SIZE 89			TH 295	_ AMOUNT O	RDERED 225	2 1/10 -	E07
TUBING SIZE_	_	DEP	TH		27 GEL		
DRILL PIPE		<u>DEF</u>	TH				
TOOL		DEF	TH	_			
PRES. MAX		MIN	<u>IIMUM</u>	_ COMMON_			
MEAS. LINE			<u>DE JOINT</u>	_ POZMIX _		@	
CEMENT LEFT IN	CSG. / e	5		_ GEL _		@	
PERFS.			- <u></u>	_ CHLORIDE		@	
DISPLACEMENT	18.8 BJ	372		_		@	
	EQU	JIPMENT				@	
ME	_			·			_
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BULK TRUCK	IDD: DI		7.11/14/10/03		i	@	
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To Allied Cement	ing Co	Inc.				@	
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CONDITIONS" 1				TOTAL CHA	ARGE !		
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SIGNATURE	_8	ill (Juven	- X B	VLL OWEN	TED NAME	

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.