

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

API NO. 15- 101-21,644 - 00-60
County Lane **ORIGINAL** *Plugged 2-26-93*
NW - NW - NW - Sec. 20 Twp. 16S Rge. 28 X E

Operator: License # 9860
Name: Castle Resources, Inc.
Address 1200 E. 27th St., Suite C

City/State/Zip Hays, KS 67601

4950 Feet from (S) Line of Section
4950 Feet from (E) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

Purchaser: _____
Operator Contact Person: Jerry Green
Phone (913) -625-5155
Contractor: Name: Emphasis Oil Operations
License: 8241
Wellsite Geologist: Jerry Green

Lease Name Tillotson Well # 1
Field Name Unknown

Producing Formation _____
Elevation: Ground --2726' KB --2731'

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

Total Depth 4555' PBDT _____
Amount of Surface Pipe Set and Cemented at 202 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 cat.

If Workover/Re-Entry: old well info as follows:
Operator: _____
Well Name: _____
Comp. Date _____ Old Total Depth _____
 Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBDT
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____
2/19/93 2/26/93 2/26/93
Spud Date Date Reached TD Completion Date

Drilling Fluid Management Plan OKA 3-18-97
(Data must be collected from the Reserve Pit)

Chloride content 2000 ppm Fluid volume 400 bbls
Dewatering method used Air Dry & Backfill

Location of fluid disposal if hauled offsite: _____
Operator Name _____

Lease Name _____ License No. _____
Quarter Sec. Twp. S Rng. E/W
County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 on 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 Tony Williams
Title Production Superintendent Date 3/2/93
Subscribed and sworn to before me this 2nd day of March, 19 93.
Notary Public Chris Schumacher
Date Commission Expires 5-8-96

K.C.C. OFFICE USE ONLY RECEIVED
F Letter of Confidentiality
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC
 KGS
SUPERIOR INFORMATION DIVISION
Wichita, Kansas
MAR 4 1993
NGPA
Other

CHRIS SCHUMACHER
State of Kansas
My Appt. Exp. 5-8-96

Operator Name Castle Resources, Inc.

Lease Name Tillotson

Well # 1

JANUARY East

County Lane

Sec. 20 Twp. 16S Rge. 28 West

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

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: Radiation Guard w/Caliper

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Anhydrite	2140'	+583
Heebner	3902'	-1171
Toronto	3924'	-1193
Lansing	3942'	-1211
Stark Shale	4195'	-1464
Base Kansas City	4267'	-1536
Fort Scott	4438'	-1707
Mississippi	4532'	-1801
Log TD	4555'	-1824

CASING RECORD New 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"	20	202'	60/40 Poz	150	2% Gel, 4% CC

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				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth

TUBING RECORD Size _____ Set At _____ Packer At _____ Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. _____ Producing Method Flowing Pumping Gas Lift Other (Explain) _____

Estimated Production Per 24 Hours:	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

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

METHOD OF COMPLETION

Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval _____

Phone 913-483-2627, Russell, Kansas

Phone Plainville 913-434-2812

Phone 316-793-5861, Great Bend, Kansas

Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC.

1431

Home Office P. O. Box 31

Russell, Kansas 67665

ORIGINAL

New

Date	2-19-93	Sec.	20	Twp.	16	Range	28	Called Out	3 PM	On Location	6 PM	Job Start	7:45	Finish	8:15
Lease	Tillotson	Well No.	1	Location	Shields 2 1/2 N WTN			int'l	Lane	County		State	KS.		

Contractor **Emphasis 7**

Type Job **Surface**

Hole Size **12 1/4"** T.D. **202**

Csg. **8 5/8 19#** Depth **202**

Tbg. Size _____ Depth _____

Drill Pipe _____ Depth _____

Tool _____ Depth _____

Cement Left in Csg. **15'** Shoe Joint _____

Press Max. _____ Minimum _____

Meas Line **10** Displace **12.2 bbl.**

Perf. _____

Owner **Castle Resources**

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 listed.

Charge To **Emphasis**

Street _____

City _____ State _____

The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No. _____

X **R7**

CEMENT

Amount Ordered **150 60% 2% Gel 4% CC**

EQUIPMENT

No.	Cementer	Gary
Pumptrk 279	Helper	Carl
No.	Cementer	
Pumptrk	Helper	
Bulktrk 116	Driver	Bill
Bulktrk	Driver	

Consisting of

Common _____

Poz. Mix _____

Gel. _____

Chloride _____

Quickset _____

Sales Tax _____

DEPTH of Job

Reference:	Pump Truck	
	Mileage	
	8 5/8" TWP	
	Sub Total	
	Tax	
	Total	

Handling _____

Mileage _____

Sub Total _____

Total _____

Floating Equipment _____

Remarks: **Cement did circulate. Approx 5 bbl.**

*Thank you
Way 2. Hen*

RECEIVED
STATE REGULATION COMMISSION
4-19-93
REGULATION DIVISION
wichita, k.

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 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 willful 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.

Phone 913-483-2627, Russell, Kansas

Phone 316-793-5861, Great Bend, Kansas

ORIGINAL

Phone Plainville 913-434-2812

Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

5950

Date	Sec.	Twp.	Range	Called Out	On Location	Job Start	Finish
2-26-93	20	16	28	10:30 AM	1:00 PM	2:00 PM	
Lease Tillotson	Well No. #1	Location 2 1/2 NW 1/4			County Lane	State Ia	
Contractor Empharis #7				Owner Castle Res.			
Type Job PTA				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 listed.			
Hole Size 7 7/8		T.D. 4548		Charge To Castle Res.			
Csg.		Depth		Street			
Tbg. Size		Depth		City State			
Drill Pipe 4 1/2 x hole		Depth 2180		The above was done to satisfaction and supervision of owner agent or contractor.			
Tool		Depth		Purchase Order No. 2-18-93			
Cement Left in Csg.		Shoe Joint		X R7 Finishing PTA			
Press Max.		Minimum		CEMENT			
Meas Line		Displace		Amount Ordered 26524/60/4069 gal 1/4 FC per mt			
Perf.				Consisting of			

EQUIPMENT

No.	Cementor	Helper
Pumptrk	Mike	Keith
Pumptrk	Keith	Rick
Bulktrk 69	Driver	
Bulktrk	Driver	

DEPTH of Job

Reference:	Sub Total	Tax	Total
5024 @ 2180'			1507 R.H.
8014 @ 1300'			1014 M.H.
5014 @ 650'			
5024 @ 230'			
1024 @ 40'			

Remarks: 5024 @ 2180' 1507 R.H.
 8014 @ 1300' 1014 M.H.
 5014 @ 650'
 5024 @ 230'
 1024 @ 40'

thanks

Common	
Poz. Mix	
Gel.	
Chloride	
Quickset	
Handling	
Mileage	
Sales Tax	
Sub Total	
Total	
Floating Equipment	

RECEIVED
STATE CORPORATION COMMISSION

MAR 4 1993

CONSERVATION DIVISION
Wichita, Kansas

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