

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

*Blum 9/19/94*  
*5/30/94*

API #15-071-20,628-0000

**ORIGINAL**

Operator: License # 30819  
Name: Duncan Energy Company  
Address 1777 S. Harrison St.  
City/State/Zip Denver, CO 80210  
Purchaser:  
Operator Contact Person: John Bettridge  
Phone ( 303 ) -759-3303  
Contractor: Name: Emphasis Oil Operations  
License: 8241  
Wellbore Geologist: Richard Bacon

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

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  PBTD  
 Commingled Docket No. \_\_\_\_\_  
 Dual Completion Docket No. \_\_\_\_\_  
 Other (SWD or Inj?) Docket No. \_\_\_\_\_  
5/20/94 5/30/94 5/30/94 P&A  
Spud Date Date Reached TD Completion Date

County Greeley  
NW - NW - NE - Sec. 18 Twp. 19S Rge. 42 W  
340 Feet from S (circle one) Line of Section  
2100 Feet from E (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(SE, NE, NW or SW (circle one))  
Lease Name Steele Well # 31-18  
Field Name Wildcat  
Producing Formation plugged & abandoned  
Elevation: Ground 3814' KB 3822'  
Total Depth 5330' PBTD \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 286 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/ \_\_\_\_\_ sz cat

Drilling Fluid Management Plan DAA 8/11-15-94  
(Data must be collected from the Reserve Pit)  
Chloride content 10,000 ppm Fluid volume 3,000 bbl  
Dewatering method used Evaporation  
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 slide 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 Marie O'Keefe  
Title Sr. Engineering Technician Date 6-22-94  
Subscribed and sworn to before me this 22rd day of June  
19 94  
Notary Public Gina Payne  
Date Commission Expires 5-22-96

**C.C.C. OFFICE USE ONLY**

Letter of Confidentiality Attached  
 Wireline Log Received  
 Geologist Report Received  
 Contribution

**RECEIVED**  
**STATE CORPORATION COMMISSION**  
**JUN 24 1994**

REGS  
SVA  
NGPA  
Other (Specify)

**CONSERVATION DIVISION**  
**Wichita, Kansas**  
Form ACO-1 (7-91)

P1

Operator Name Duncan Energy Company Lease Name Steele Well # 31-10

Sec. 18 Twp. 19S Rge. 42  East  West County Greeley

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:  
 CN/PDS  
 AIS  
 BHS

Log	Formation (Top), Depth and Datum	Sample
Name	Top	Datum
Marmaton	4551	
Cherokee	4687	
Morrow	5046	
Mississippi	5278	

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> 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
Surf	12-1/4	8-5/8	24#	286'	60/40 poz	200	3%cc 2%gel

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 Specify Footage of Each Interval Perforated		Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth	

TUBING RECORD		Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First Resumed Production, SVD or Inj.	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)				
Estimated Production Per 24 Hours	Oil <u>N/A</u> bbls	Gas <u>N/A</u> Mcf	Water <u>N/A</u> 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.  Cemented  Other (Specify)

Production Interval

Phone 913-483-2627, Russell, KS  
 Phone 316-793-5861, Great Bend, KS

Phone 913-625-5516, Hays, KS  
 Phone 913-672-3471, Oakley, KS

Phone 316-886-5926, Medicine Lodge, KS  
 Phone 913-798-3843, Ness City, KS

# ALLIED CEMENTING CO., INC. 6007636

Home Office P. O. Box 31      Russell, Kansas 67665

*new*

Date	5-21-94	Sec.	18	Twp.	19	Range	42	Called Out	On Location	Job Start	Finish	
									1:00 AM	2:00 AM	2:30 AM	
Lease	Steele	Well No.	31-18	Location	Tribune 12W-4S-2W-1/4S			County	Greeley		State	Kan
Contractor	Emphasis Oil Op #10											
Type Job	Surface											
Hole Size	12 1/4	T.D.	289'									
Csg.	8 5/8	Depth	286'									
Tbg. Size		Depth										
Drill Pipe		Depth	ORIGINAL									
Tool		Depth										
Cement Left in Csg.	15'	Shoe Joint										
Press Max.		Minimum										
Meas Line		Displace	✓ 17.1/4									
Perf.												

Owner Same  
 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 Duncan Energy Co.  
 Street 1777 S. Harrison St.  
 City Denver State CO 80210

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

Purchase Order No.  
 X D.L. Arman

**CEMENT**

Amount Ordered 200 SKS 60/40 per, 3% CC - 2% Gel

Consisting of

Common	
Poz. Mix	
Gel.	
Chloride	
Quickset	

Handling 1.00 per SK

Mileage 4¢ per SK/mile

Sales Tax

Sub Total

Total

**EQUIPMENT**

Pumptrk	No.	Cementer	Walt
	191	Helper	
Pumptrk	No.	Cementer	R.G.
		Helper	
Bulktrk		Driver	
	218	Driver	

**DEPTH of Job**

Reference:	Pumptruck	
	8 5/8 Surface Plus	
	22¢ per mile	
	Sub Total	
	Tax	
	Total	

Remarks:

Cement Die Circ

RECEIVED  
 STATE CORPORATION COMMISSION  
 JUN 24 1994  
 CONSERVATION DIVISION  
 Wichita, Kansas

Shelton

## 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 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, KS  
 Phone 316-793-5861, Great Bend, KS

Phone 913-625-5516, Hays, KS  
 Phone 913-672-3471, Oakley, KS

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# ALLIED CEMENTING CO., INC.

0007645

Home Office P. O. Box 31

Russell, Kansas 67665

*New*

Date	5-30-94	Sec.	18	Twp.	19	Range	42	Called Out		On Location	6:00 PM	Job Start		Finish	9:15 PM
Lease	Steele	Well No.	31-18			Location			Tribune 12W-45-2W			County	Breeley Kan		
Contractor	Emphasis Oil Ops #10										Owner	Same			
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.		5330'										
Csg.			Depth												
Tbg. Size			Depth												
Drill Pipe			Depth												
Tool			Depth												
Cement Left in Csg.			Shoe Joint												
Press Max.			Minimum												
Meas Line			Displace												
Perf.															

## EQUIPMENT

Pumptrk	No.	Cementer	Walt
	300	Helper	Terry
Pumptrk	No.	Cementer	
		Helper	
Bulktrk		Driver	Rib.
Bulktrk	212	Driver	

## DEPTH of Job

Reference:	Pump truck	
	8 5/8" D.H. Plus	
	225 per mile	
	Sub Total	
	Tax	
	Total	

Remarks:

- 50 SKS @ 2500'
- 80 SKS @ 1530'
- 40 SKS @ 900'
- 40 SKS @ 300'
- 10 SKS @ 40'
- 15 SKS in R.H. 10 SKS in M.A.

Amount Ordered	245 SKS 60/40 P.O. 6% Gel 1/4 lbs Flo-Sol
Consisting of	
Common	
Poz. Mix	
Gel.	ORIGINAL
Chloride	
Quickset	
Handling	1.00 per SK
Mileage	4¢ per SK/mile
Sales Tax	
Sub Total	
Total	
Floating Equipment	

*Thel*



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—**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:

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(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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**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.

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