

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

API NO. 15- 051-24,765-0000
 County Ellis
NW - SE - SW - Sec. 10 Twp. 13 Rge. 17W
990s Feet from (S)N (circle one) Line of Section
3630e Feet from (E)W (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 NE, (SE) NW or SW (circle one)
 Lease Name Dorzweiler G Well # 5
 Field Name Catherine North
 Producing Formation Arbuckle
 Elevation: Ground 1998 KB 2002
 Total Depth 3527 PBTD _____
 Amount of Surface Pipe Set and Cemented at 207 Feet
 Multiple Stage Cementing Collar Used? _____ Yes X No
 If yes, show depth set _____ Feet
 If Alternate II completion, cement circulated from 1600
 feet depth to surface w/ 1450 sx cmt.
 Drilling Fluid Management Plan 1-15-92
 (Data must be collected from the Reserve Pit)
 Chloride content 4598 ppm Fluid volume 1/2 bbls
 Dewatering method used Evaporate
 Location of fluid disposal if hauled offsite: _____
 Operator Name _____
 Lease Name _____ License No. _____
 _____ Quarter Sec. _____ Twp. _____ S Rng. _____ E/W
 County _____ Docket No. _____

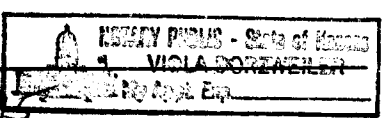
Operator: License # 7064
 Name: Cattlemans Oil Operations
 Address 2260 Catherine Rd.
Hays, Kansas 67601
 City/State/Zip _____
 Purchaser: Clear Creek
 Operator Contact Person: Leo R. Dorzweiler
 Phone (913) 625-5394
 Contractor: Name: Tri United
 License: 3194
 Wellsite Geologist: _____
 Designate Type of Completion
 New Well _____ Re-Entry _____ Workover _____
 Oil _____ SWD _____ SIOW _____ Temp. Abd.
 _____ Gas _____ ENHR _____ SIGW _____
 _____ Dry _____ Other (Core, WSW, 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. _____
11-4-91 11-10-91 12-5-91
 Spud Date Date Reached TD Completion Date

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 Leo R. Dorzweiler
 Title OWNER Date _____
 Subscribed and sworn to before me this 8 day of January
19 92
 Notary Public Viola Dorzweiler
 Date Commission Expires 4-20-95



K.C.C. OFFICE USE ONLY
 F _____ Letter of Confidentiality Attached
 C Wireline Log Received
 C _____ Geologist Report Received
1-9-92
 JAN 9 1992 Distribution
 _____ KCC _____ SWD/Rep _____ NGPA
 _____ KGS _____ Plug _____ Other _____
 (Specify)
 CONSERVATION DIVISION
 WICHA, KS

Operator Name Cattlemans Oil Operations Lease Name Dorzweiler G Well # 5

Sec. 10 Twp. 13 Rge. 17 East West County Ellis

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 (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Anhydrite	1184	
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Heebner	3215	1212
List All E.Logs Run:		Toronto	3236	1233
		LansingKC	3262	1259
		Arbuckle	3512	1509
		TD	3527	1524

CASING RECORD <input type="checkbox"/> New <input checked="" 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
surface	12 1/4	8 5/8	24	207	60-40poz	135	3%cc 2%gel
Production	7 7/8	5 1/2	14	3521	com & 60-110	900	3%cc 6%gel

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate				
<input checked="" type="checkbox"/> Protect Casing	surface	60-40 poz	450	3%cc 6%gel
<input type="checkbox"/> Plug Back TD	1600'			
<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
2	3516-21		900gal INS	3516-27

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
		2 7/8	3524					
Date of First, Resumed Production, SWD or Inj.			Producing Method					
12-18-91			<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)					
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity
	6.5				10			30

Disposition of Gas: none

Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval _____

1-8-92

WATER ANALYSIS

COMPANY Catthman Oil POOL _____

LEASE _____ WELL NO. _____ FORMATION ORIG

HYDROGEN SULPHIDE	_____
SPECIFIC GRAVITY	<u>1.005</u>
TOTAL SOLIDS	_____
P H	_____
CHLORIDES	<u>4,598</u>
SULPHATES	_____
CALCIUM	_____
MAGNESIUM	_____

REMARKS _____

SERVICE
ACID, INC.
Serfco

CATTLEMANS OIL OPERATIONS

Catherine Route - Box 32
Hays, Kansas 67601

DRILLERS WELL LOG

Cattlemans Oil Operations
Dorzweiler G#5
NW SE SW 10-13-17w
Ellis County, Kansas

Date Commenced: 11-4-91
Date Completed : 11-10-91

Elevation GL 1998
KB 2003

0-213 sand & shale
213-1171 shale & sand
Anhydrite 1184-1224
1224-3213 Shale
3213-3334 shale & Lime
3334-3488 Lime
3488-3520 Lime & Dolomite
RTD 3520

FORMATION DATA (Log Tops)

Anhydrite 1184-1224
Heebner 3215
Toronto 3236
Lansing KC 3262
Arbuckle 3512
Log TD 3527

Surface pipe: Set used 24# 207' with 135 sks. 60-40 poz. 3% CC 2% gel.
Cement Circulated:

Production Pipe: Set 3521' 5 1/2" used 14# casing. Cement with 100 sks. common, 350 sks. 60-40 poz. 10% gel did not circulate.
Perforated 1600' Cemented 400 sks. 60-40 6% gel, 50 sks. common 3%CC. Cement did circulate good. Filled up rat hole. State Rep. Marion Schmidt on location.

AFFIDAVIT

State of Kansas ss
County of Ellis

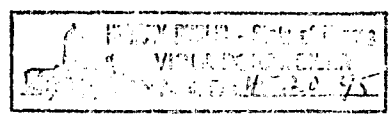
I Leo R. Dorzweiler of legal age, does swear and state that the facts and statements herein are true and correct to the best of my knowledge.

Leo R Dorzweiler

Subscribed and sworn to before me this 21st day of December, 1991.

My commission Expires 4-20-95

Leo R Dorzweiler
Notary Public



ALLIED CEMENTING CO., INC. ORIGINAL

Home Office P. O. Box 31

Russell, Kansas 67665

New

Date	11-10-91	Sec.	10	Fwp.	13s	Range	17w	Called Out	11:00PM	On Location	1:00AM	Job Start	8:30AM
Contractor	DORZWEILER		Well No.	#5		Location			CATHERINE 1 1/2 E 1/4 N		County	Ellis Kansas	
Contractor	TRI UNITED Rig #1												
Job	PRODUCTION STRING (Circ. Cement)												
Well Size	7 7/8		T.D.	3520'									
Well Size	5 1/2		Depth	3514'									
Well Size			Depth										
Well Pipe			Depth										
Well Pipe	FLOAT		Depth	3484'									
Cement Left in Csg.	30'		Shoe Joint	30'									
Weight Max.			Minimum										
Weight Line	✓		Displace	85 1/2 BBL									

Owner
 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 **CATTLEMANS OIL OPERATIONS**
 Street **Box 32 Catherine Rte**
 City **Hays** State **Kan** 67601
 The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No.
[Signature]

CEMENT

Amount Ordered **100 SK Com. 350 SK 69% 10% Gel**

Consisting of			
Common	310	5.25	1627.50
Poz. Mix	140	2.25	315.00
Gel.	24	6.75	162.00
Chloride			
Quickset			

Sales Tax

Handling **1.00 PER SK** 450.00

Mileage **.04 PER TON MILE** 198.00

Sub Total

2752.50

Total

Floating Equipment **5 1/2 CSB**

1-GUIDE SHOE	\$125.00
1-AFU INSERT	189.00
2-BASKETS	254.00
5-CENTRALIZERS	230.00
	\$798.00

EQUIPMENT

No.	Cementer	<i>[Signature]</i>
#177	Helper	<i>[Signature]</i>
No.	Cementer	
#146	Helper	
No.	Driver	<i>Mark Jason</i>
#213	Driver	

DEPTH of Job		
Reference:	Dump Truck CHRG	880.00
	2.00 PER MILE	22.00
-5 1/2	RUBBER Plug	45.00
	Sub Total	947.00
	Tax	
	Total	

Remarks:
FLOAT HELD

[Signature]

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

Phone Plainville 913-434-2812
 Phone Ness City 913-798-3843

NEW

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

Date	11-20-91	Sec.	10	Twp.	13	Range	17	Called Out		On Location	2:00 P.M.	Job Start	3:00 AM	4:30 P.M.
Lease	DORWEILER	Well No.	# 5	Location		CATHERINE		142 E	County	ELLIS	State	KANSAS		

Contractor NONE

Type Job CIR. CEMENT

Hole Size 7 7/8 T.D.

Csg. 5 1/2 Depth

Tbg. Size Depth

Drill Pipe Depth

Tool Depth

Cement Left in Csg. Shoe Joint

Press Max. 1000 Minimum

Meas Line x Displace

Perf. 1600

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 CATHERINE'S OIL COMPANY

Street Box 32, CATHERINE RTE.

City HAYS State KANSAS 67801

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

Purchase Order No.

X

CEMENT

Amount Ordered 400 Sks 6700 670 Gal

Consisting of 50 Com 370cc

Common	290 @	5.25	1522.50
Poz. Mix	160 @	2.25	360.00
Gel.	14 @	6.75	94.50
Chloride	2 @	21.00	42.00
Quickset			

EQUIPMENT

Pumptrk	No.	Cementor	<u>Walt</u>
	<u>61</u>	Helper	<u>Ran</u>
Pumptrk	No.	Cementor	
		Helper	
		Driver	
Bulktrk	<u>213</u>	Driver	<u>JASON</u>
Bulktrk	<u>96</u>	Driver	<u>LAWRENCE</u>

Sales Tax

Handling @ 1.00 450.00

Mileage 44/SK/MILE 216.00

(12)

Sub Total

Total 2685

DEPTH of Job 1600'

Reference:		<u>475.00</u>
	<u>1-5 1/2 Plug</u>	<u>45.00</u>
	<u>200 Pen Mile</u>	<u>24.00</u>
	Sub Total	
	Tax	
	Total	<u>544.00</u>

Remarks:

Cementing Cir

11-20-91

Floating Equipment

Phone 913-483-2627, Russell, Kansas

Phone Plainville 913-434-2812

Phone 316-793-5861, Great Bend, Kansas

Phone Ness City 913-798-3843

ORIGINAL

ALLIED CEMENTING CO., INC.

1985

Home Office P. O. Box 31

Russell, Kansas 67665

New

Date	11-4-91	Sec.	10	Twp.	13	Range	17	Called Out	2:30 PM	On Location	5:00 PM	Job Start	6:00 AM	Finish	7:00 AM
Lease	Donner	Well No.	14" #3	Location			Catherine & 5th	County	Ellis	State	Kansas				
Contractor	TGI-United Drilling														
Type Job	Surfacing														
Hole Size	12 1/4"	T.D.													
Csg.	8 1/2"	Depth													
Tbg. Size		Depth													
Drill Pipe		Depth													
Tool		Depth													
Cement Left in Csg.	15'	Shoe Joint													
Press Max.		Minimum													
Meas Line		Displace													
Perf.															

Owner *S. J. ...*
 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 *CAT Operations*
 Street *Box 32, Catherine Rte.*
 City *Hays* State *Kan 67601*

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

Purchase Order No. *7*
[Signature]

CEMENT

Amount Ordered *135 SKS 40 lbs per bag 2 1/2 cu yds*

Consisting of					
Common	81	SKS	@	5.25	426.75
Poz. Mix	54	SKS	@	2.25	121.50
Gel.	2	SKS	@	6.75	13.50
Chloride	4	SKS	@	21.00	84.00
Quickset					

Sales Tax		
Handling	<i>1.00 per SK</i>	<i>135</i>
Mileage	<i>4¢ per SK mile</i>	<i>59</i>
Sub Total		
Total		<i>825.15</i>

EQUIPMENT

No.	Cementer	
Pumptrk	Helper	
No.	Cementer	
Pumptrk	Helper	
<i>1-165</i>	Driver	<i>1000.00</i>
Bulkrk		
Bulkrk	Driver	

DEPTH of Job

Reference		<i>330.00</i>
		<i>42.00</i>
		<i>22.00</i>
Sub Total		
Tax		
Total		<i>404.00</i>

Floating Equipment

[Handwritten signature]

DEC 26 1991