

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 7064
 Name: CATTLEMAN'S OIL OPERATIONS
 Address: 2260 Catherine Road
 City/State/Zip: Hays, KS 67601
 Purchaser: _____
 Operator Contact Person: Leo Dorzweiler
 Phone: (785) 625-5394
 Contractor: Name: Discovery Drilling Co., Inc.
 License: 31548
 Wellsite Geologist: Matt Dreiling
 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: _____
 Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. to Enhr./SWD
 Plug Back _____ Plug Back Total Depth _____
 Commingled _____ Docket No. _____
 Dual Completion _____ Docket No. _____
 Other (SWD or Enhr.?) _____ Docket No. _____
6/16/03 6/20/03 6/21/03
 Spud Date or Date Reached TD Completion Date or
 Recompletion Date Recompletion Date

RECEIVED
8-26-03
AUG 26 2003

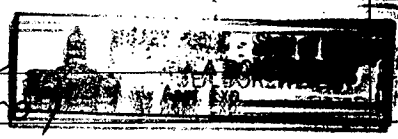
KCC WICHITA

API No. 15-051-25,201-00-00
 County: Ellis
160' N & 100' W of
C. W/2 SW Sec. 10 Twp. 13 S. R. 17W East West
1480 feet from S W (circle one) Line of Section
560 feet from N E (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name: Dorzweiler "G" Well #: 12
 Field Name: Catherine North
 Producing Formation: Arbuckle
 Elevation: Ground: 2012 Kelly Bushing: 2020
 Total Depth: 3590 Plug Back Total Depth: _____
 Amount of Surface Pipe Set and Cemented at 210.03 Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set _____ Feet
 If Alternate II completion, cement circulated from 3588
 feet depth to Surface w/ 500 sx cmt.
(10sks In Mouse Hole) (15sks In Rat Hole)
Drilling Fluid Management Plan
 (Data must be collected from the Reserve Pit) *Allen w/ 9-6-03*
 Chloride content 11,000 ppm Fluid volume 320 bbls
 Dewatering method used Evaporation
 Location of fluid disposal if hauled offsite: _____
 Operator Name: _____
 Lease Name: _____ License No.: _____
 Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
 County: _____ Docket No.: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, 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 of 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.

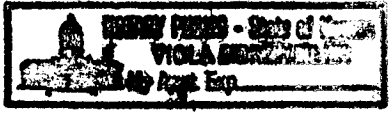
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: Leo Dorzweiler
 Title: OWNER Date: 8-16-03
 Subscribed and sworn to before me this 16th day of August
 19 03
 Notary Public: Viola Dorzweiler
 Date Commission Expires: _____



KCC Office Use ONLY

Letter of Confidentiality Attached
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution



X

Operator Name: CATTLEMAN'S OIL OPERATIONS Lease Name: DORZWEILER "G" Well #: 12
 Sec. 10 Twp. 13 S. R. 17W East West County: Ellis

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Attach Additional Sheets) Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Submit Copy) List All E. Logs Run: <u>Radiation Guard</u> <u>Sonic Bond</u>	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> </thead> <tbody> <tr> <td>Anhydrite</td> <td>1206</td> <td>814</td> </tr> <tr> <td>Topeka</td> <td>2985</td> <td>- 965</td> </tr> <tr> <td>Heebner</td> <td>3224</td> <td>-1205</td> </tr> <tr> <td>Toronto</td> <td>3244</td> <td>-1224</td> </tr> <tr> <td>LKC</td> <td>3270</td> <td>-1248</td> </tr> <tr> <td>Arb</td> <td>3524</td> <td>-1503</td> </tr> <tr> <td>RTD</td> <td>3590</td> <td>-1570</td> </tr> </tbody> </table>	Name	Top	Datum	Anhydrite	1206	814	Topeka	2985	- 965	Heebner	3224	-1205	Toronto	3244	-1224	LKC	3270	-1248	Arb	3524	-1503	RTD	3590	-1570
Name	Top	Datum																							
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LKC	3270	-1248																							
Arb	3524	-1503																							
RTD	3590	-1570																							

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	# Sacs Used	Type and Percent Additives
Surface Pipe	12 1/4	8 5/8	23	210.03	Common	140	2%Gel&3%CC
Production St.	7 7/8	5 1/2	14	3588	ALHD	500	1/4#FS/sk

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	surface 1100'	60/1:0	200	50 sks common 3% CC

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	3545-50 (Bridge Plug 3512)	300	3515
2	3429-31	1050	3451
2	3404-08	300	3384
2	3451-54	1500	3298
2 2	3362-66 3296-3304		

TUBING RECORD		Size <u>2 3/8</u> Set At <u>3506</u>	Packer At <u>NA</u>	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr.		Producing Method <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. <u>30</u>	Gas Mcf	Water Bbls. <u>10</u>	Gas-Oil Ratio <u>33</u>

Disposition of Gas METHOD OF COMPLETION Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
 (If vented, Submit ACO-18.) Other (Specify) _____



**Discovery
Drilling**

P.O. Box 763 • Hays, KS 67601 • OFFICE (785) 623-2920 • CELLULAR (785) 635-1511

15-051-25201-0000

ORIGINAL

RECEIVED

AUG 26 2003

KCC WICHITA

DRILLER'S LOG

Operator: **Cattleman's Oil Operations**
2260 Catherine Road
Hays, KS 67602

Contractor: **Discovery Drilling Co., Inc.**
PO Box 763
Hays, KS 67601

Lease: Dorzweiler "G" #12

Location: 160' N & 100' W of C/ W/2 /SW
Sec. 10/13S/17W
Ellis Co., KS

Loggers Total Depth: 3589'

Rotary Total Depth: 3590'

Commenced: 6/16/2003

Casing: 8 5/8" @ 210.03' w/140sk

5 1/2" @ 3588' w/500sk

Cement to Surface

Elevation: 2012' GL / 2020' KB

Completed: 6/21/2003

Status: Oil Well

DEPTHS & FORMATIONS

(All from KB)

Surface, Sand & Shale	0'	Shale	1245'
Dakota Sand	471'	Shale & Lime	1836'
Shale	577'	Shale	2268'
Cedar Hill Sand	717'	Shale & Lime	2674'
Red Bed Shale	941'	Lime & Shale	3150'
Anhydrite	1206'	RTD	3590'
Base Anhydrite	1245'		

STATE OF KANSAS)
) ss
COUNTY OF ELLIS)

Thomas H. Alm of Discovery Drilling states that to the best of his knowledge the above and foregoing is a true and correct log of the above captioned well.

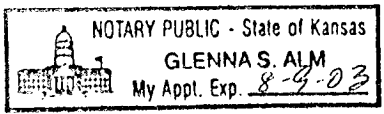
Thomas H. Alm

Subscribed and sworn to before me on 6-23-03

My Commission expires: 8-9-03

(Place stamp or seal below)

Notary Public



ALLIED CEMENTING CO., INC. 14690

ORIGINAL

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT: K

DATE: <u>6-21-03</u>	SEC. <u>10</u>	TWP. <u>19</u>	RANGE <u>19</u>	CALLED OUT	ON LOCATION <u>12:30pm</u>	JOB START <u>5:00am</u>	JOB FINISH <u>6:15am</u>
LEASE: <u>DRILLER</u> WELL # <u>G-12</u>				LOCATION <u>CATHERINE ZE</u>	RECEIVED	COUNTY <u>ELLIS</u>	STATE <u>KS</u>
OLD OR NEW (Circle one) <u>OLD</u>							

CONTRACTOR DISCOVERY

TYPE OF JOB PREDICTION SPRING

HOLE SIZE 7 7/8 T.D. 3590

CASING SIZE 5 1/2 DEPTH 3585

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT 12' 70"

CEMENT LEFT IN CSG. 12' 70"

PERFS.

DISPLACEMENT 8 7/4 BBL

OWNER AUG 26 2003

CEMENT KCC WICHITA

AMOUNT ORDERED 525 ALHA

HLR FLO SEAL

4 1/2" HILLS

COMMON	@		
POZMIX	@		
GEL	@		
CHLORIDE	@		
ALHA	@	<u>1200</u>	<u>6100</u>
<u>4 1/2" HILLS</u>	@	<u>140</u>	<u>183</u>
	@		
	@		
	@		
HANDLING	@	<u>1</u>	<u>600</u>
MILEAGE	@	<u>100</u>	<u>600</u>
TOTAL			<u>7820</u>

EQUIPMENT

PUMP TRUCK CEMENTER MURK

305 HELPER MUE

BULK TRUCK

302 DRIVER RUFUS

BULK TRUCK

213 DRIVER CLEN

REMARKS:

SERVICE

15 HLR

12 HLR

DEPTH OF JOB

PUMP TRUCK CHARGE 100

EXTRA FOOTAGE @

MILEAGE 20 @ 30 600

PLUG @

TOTAL 1210

CHARGE TO: CATTLEAUNTS

STREET

CITY STATE ZIP

FLOAT EQUIPMENT

5 1/2

WELD ON CURVE SHOE @ 1200

LATCH DOWN ASSEM. @ 300

6-LENT @ 100

3-BASKET @ 100 300

12-REPT SCRATCHERS @ 400

TOTAL 1500

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 done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX

TOTAL CHARGE

DISCOUNT IF PAID IN 30 DAYS

SIGNATURE

PRINTED NAME

ALLIED CEMENTING CO., INC. 14698

ORIGINAL

SERVICE POINT: 2

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

DATE <u>6-30-03</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <u>DRILLER</u> WELL # <u>12</u>						COUNTY <u>ELLIS</u>	STATE <u>KS</u>
LOCATION <u>CATHERINE 1E</u>							
<input checked="" type="radio"/> OLD OR NEW (Circle one)							

CONTRACTOR	OWNER
TYPE OF JOB <u>CIRC CEMENT</u>	<u>AUG 26 2003</u>
HOLE SIZE	T.D.
CASING SIZE <u>5 1/2</u>	DEPTH
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	
PERFS. <u>1100'</u>	
DISPLACEMENT <u>2.6 BBL</u>	

EQUIPMENT

PUMP TRUCK	CEMENTER <u>MURK</u>
# <u>3016</u>	HELPER <u>DAVE</u>
BULK TRUCK	
# <u>302</u>	DRIVER <u>RIDUS</u>
BULK TRUCK	
# <u>212</u>	DRIVER

REMARKS:

RENT G. 1870 COUNTY-PUMP TRUCK
RENT G. 1846 COUNTY-PUMP TRUCK
RENT G. 1100 JACK CAGE HEADED 200' 5/8"
W/ CIRC CEMENT - MIXED 50 COM 3% CC
MIXED W/ 2.6 BBL SHOOT TON
Cement Circ, V

CEMENT	<u>KCC WICHITA</u>		
AMOUNT ORDERED	<u>350' 10% CEL</u>		
	<u>75 Com 3% 70</u>		
	<u>USED 200' 5/8" 50 com</u>		
COMMON	<u>170</u>	@ <u>7.50</u>	<u>1275.00</u>
POZMIX	<u>80</u>	@ <u>3.80</u>	<u>304.00</u>
GEL	<u>14</u>	@ <u>10.00</u>	<u>140.00</u>
CHLORIDE	<u>2</u>	@ <u>30.00</u>	<u>60.00</u>
		@	
		@	
		@	
		@	
HANDLING	<u>425</u>	@ <u>1.15</u>	<u>488.75</u>
MILEAGE	<u>5 1/2 SK / MILE</u>		<u>425.00</u>
			TOTAL <u>2633.25</u>

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			<u>630.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>20</u>	@ <u>3.50</u>	<u>70.00</u>
PLUG <u>5 1/2 TAP</u>		@	<u>50.00</u>
		@	
		@	
			TOTAL <u>750.00</u>

CHARGE TO: CATTLEMAN'S

STREET _____

CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	
TOTAL _____		

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 done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE _____

PRINTED NAME _____

ALLIED CEMENTING CO., INC. 14687

ORIGINAL

SERVICE POINT:

R

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

DATE <u>6-16-03</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION <u>5:45pm</u>	JOB START <u>8:15pm</u>	JOB FINISH <u>8:45pm</u>
LEASE <u>DORZWEIN</u> WELL # <u>12</u>		LOCATION <u>CATHERINE ZE 1/4</u>			COUNTY <u>ELLIS</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)		RECEIVED					

CONTRACTOR DISCOVERY

TYPE OF JOB SURFACE

HOLE SIZE 12 1/4 T.D.

CASING SIZE 8 5/8 DEPTH

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 10-15'

PERFS.

DISPLACEMENT 12 1/2 RB.

OWNER AUG 26 2003

CEMENT KCC WICHITA

AMOUNT ORDERED 140 Com 3 1/2 CC 2 1/2 GEL

COMMON	<u>140</u>	@	<u>7-15</u>	<u>1000.00</u>
POZMIX		@		
GEL	<u>2</u>	@	<u>10.00</u>	<u>20.00</u>
CHLORIDE	<u>5</u>	@	<u>30.00</u>	<u>150.00</u>
		@		
		@		
		@		
		@		
HANDLING	<u>140</u>	@	<u>1.00</u>	<u>140.00</u>
MILEAGE	<u>140</u>	@	<u>1.00</u>	<u>140.00</u>
TOTAL				<u>1170.00</u>

EQUIPMENT

PUMP TRUCK CEMENTER MAED

315 HELPER DAVE

BULK TRUCK

312 DRIVER CLEA

BULK TRUCK

DRIVER

REMARKS:

SERVICE

DEPTH OF JOB				
PUMP TRUCK CHARGE			<u>520.00</u>	
EXTRA FOOTAGE		@		
MILEAGE	<u>280</u>	@	<u>280.00</u>	
PLUG <u>8 5/8 wood</u>		@	<u>15.00</u>	
		@		
		@		
TOTAL				<u>895.00</u>

CHARGE TO: CATHS WANS

STREET _____

CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

	@		
	@		
	@		
	@		
	@		
TOTAL			

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TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE [Signature]

[Signature]
PRINTED NAME