

ORIGINAL

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

Operator: License # 7064
Name: Cattlemans Oil Operations
Address 2260 Catherine Rd.
Hays, Kansas 67601
City/State/Zip 67601
Purchaser: NCRA

Operator Contact Person: Leo Dorzweiler
Phone (785) 625-5394

Contractor: Name: Discovery Drlg.
License: 31548

Wellsite Geologist: Matt Dreiling

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD SLOW 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 PBSD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

7-13-05 7-18-05 8-15-05
Spud Date Date Reached TD Completion Date

API NO. 15- 051-25436 00 00
County Ellis
90'S 110'E
S W-NW - SW Sec. 20 Twp. 11 Rge. 19

1560 Feet from S/N (circle one) Line of Section
440 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 Kraus A Well # 4
Field Name Kraus

Producing Formation LKC

Elevation: Ground 2220 KB 2228

Total Depth 3858 PBSD _____

Amount of Surface Pipe Set and Cemented at 209 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 1665 Feet

If Alternate II completion, cement circulated from 1665
feet depth to surface w/ 250 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
ALT II WITHM 4-18-07
Chloride content 12000 ppm Fluid volume 300 bbls

Dewatering method used used in completion

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

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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 Dorzweiler

Title Well Owner Date 9-1-05

Subscribed and sworn to before me this 11th day of September, 19 2005

Notary Public Viola Dorzweiler
Viola Dorzweiler

Date Commission Expires 11-20-07

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)

Operator Name Cattlemans Oil Operations Lease Name Kraus A Well # 4
 East County Ellis
 Sec. 20 Twp. 14 Rge. 19 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 (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datums	<input checked="" 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	1493	
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Topeka	3224	-998
List All E.Logs Run:		Heebner	3477	1250
		Toronto	3503	1276
		Lansing	3526	1299
		Base KC	3770	1543
		Gorham Sd.	3849	1622

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	209	common	150	2%Gel #CC
Production	7 7/8	5 1/2	15	3855	common	150	10%salt

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	1665	60/40	250	6%gel 1/4# Flo seal
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				Cement circ.

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	Depth
4	3820-24	300Gal 15%	3820
4	3700-06	1000 gal 15%	
4	3673-77	3000 gal 15%	3677

TUBING RECORD									
Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No						
2 3/8	3842	NA							
Date of First, Resumed Production, SWD or Inj.			Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)						
8-29-05									
Estimated Production Per 24 Hours	Oil 50 Bbls.	Gas NA Mcf	Water 10% Bbls.	Gas-Oil Ratio	Gravity 35				

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: 3673-3824

ALLIED CEMENTING CO., INC.

ORIGINAL
21522

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

SERVICE POINT
Russell

DATE <u>7-18-05</u>	SEC. <u>20</u>	TWP. <u>14</u>	RANGE <u>19</u>	CALLED OUT <u>7:00 PM</u>	ON LOCATION <u>8:00 PM</u>	JOB START	JOB FINISH <u>11:00 PM</u>
LEASE <u>Kraus</u>	WELL # <u>A-4</u>	LOCATION <u>Good & yoc. Jct. 2.5 W</u>			COUNTY <u>Ellis</u>	STATE <u>Kn</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Discovery
 TYPE OF JOB Prod. CSG.
 HOLE SIZE 7 7/8 T.D. 3858
 CASING SIZE 5 1/2 DEPTH
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG. 23.42
 PERFS.
 DISPLACEMENT 93.5 bbls

OWNER

CEMENT
 AMOUNT ORDERED
150 bbls com 100% Sulf
500 gal. WFR2

EQUIPMENT
 PUMP TRUCK CEMENTER Bill
 # 345 HELPER Craig
 BULK TRUCK
 # DRIVER
 BULK TRUCK
 # DRIVER

COMMON	<u>150</u>	@	<u>8.70</u>	<u>1,305.00</u>
POZMIX		@		
GEL		@		
CHLORIDE		@		
ASC		@		
SALT	<u>29.</u>	@	<u>15.75</u>	<u>456.75</u>
WFR-2	<u>500 GAL</u>	@	<u>1.00</u>	<u>500.00</u>
HANDLING	<u>179</u>	@	<u>1.60</u>	<u>286.40</u>
MILEAGE	<u>6 1/2</u>	@		<u>365.16</u>
TOTAL				<u>2,913.31</u>

REMARKS:

P.C. # 54 1665
Pipe set e 3853
Shoe Jt. 23.62
Insert e 3830
Pump 500 gal Fluid Cement w/ 12 Sals
& cement pump plug w/ 93 1/2 bbls of water
Land plug e
Float did hold
1500 RH
1000 mtt.

SERVICE

DEPTH OF JOB				
PUMP TRUCK CHARGE				<u>1,320.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>34</u>	@	<u>5.00</u>	<u>170.00</u>
MANIFOLD		@		
<u>5 1/2 Rubber plug</u>		@		<u>60.00</u>

CHARGE TO: Cattlemac Oil Op.
 STREET _____
 CITY _____ STATE _____ ZIP _____

TOTAL 1,550.00

PLUG & FLOAT EQUIPMENT

<u>FATcd</u>				
<u>7-18-05</u>				
<u>1" W" Port collar</u>		@		<u>1,750.00</u>
<u>5- Centralizers</u>		@	<u>50.00</u>	<u>250.00</u>
<u>2- Baskets</u>		@	<u>140.00</u>	<u>280.00</u>

To Allied Cementing Co., Inc.

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ALLIED CEMENTING CO., INC. 16506

ORIGINAL

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

SERVICE POINT:
Russell

DATE <u>7-13-05</u>	SEC. <u>20</u>	TWP. <u>14</u>	RANGE <u>19</u>	CALLED OUT <u>5:00PM</u>	ON LOCATION <u>8:00PM</u>	JOB START <u>9:30AM</u>	JOB FINISH <u>10:00 PM</u>
LEASE <u>KRAUS</u>	WELL# <u>A-4</u>	LOCATION <u>Yocemento - GCR, 3 S</u>			COUNTY <u>ELLIS</u>	STATE <u>KANSAS</u>	
OLD OR <u>NEW</u> (Circle one)				<u>1 3/4 W 1/4 N</u>			

CONTRACTOR Discovery Rig # 2
 TYPE OF JOB SURFACE
 HOLE SIZE 12 1/4 T.D. 210'
 CASING SIZE 8 5/8 DEPTH 209'
 TUBING SIZE 2 3/8 used DEPTH _____
 DRILL PIPE DEPTH _____
 TOOL DEPTH _____
 PRES. MAX MINIMUM _____
 MEAS. LINE SHOE JOINT _____
 CEMENT LEFT IN CSG. 15'
 PERFS. _____
 DISPLACEMENT 12 1/2 / BBL
 EQUIPMENT _____

OWNER _____
 CEMENT AMOUNT ORDERED 150 SK Comm
2% GEL
3% CC

COMMON <u>150</u>	@ <u>8.70</u>	<u>1305.00</u>
POZMIX _____	@ _____	_____
GEL <u>3</u>	@ <u>14.00</u>	<u>42.00</u>
CHLORIDE <u>5</u>	@ <u>38.00</u>	<u>190.00</u>
ASC _____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
HANDLING <u>158</u>	@ <u>1.60</u>	<u>252.80</u>
MILEAGE <u>45</u> <u>6 f/SK/mile</u>		<u>426.60</u>
TOTAL		<u>2,216.40</u>

REMARKS:

Cement Circulated

THANK'S!

CHARGE TO: CATTLEMANS OIL OPER.
 STREET _____
 CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB _____		
PUMP TRUCK CHARGE _____		<u>670.00</u>
EXTRA FOOTAGE _____	@ _____	_____
MILEAGE <u>45 mile</u>	@ <u>5.00</u>	<u>225.00</u>
_____	@ _____	_____
_____	@ _____	_____
TOTAL		<u>895.00</u>

PLUG & FLOAT EQUIPMENT

MANIFOLD _____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____

To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment

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 KCC WICHITA

ALLIED CEMENTING CO., INC. ORIGINAL 21560

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

SERVICE POINT: R

DATE <u>8-9-05</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION <u>8:00am</u>	JOB START	JOB FINISH <u>12:45pm</u>
LEASE <u>KRAUS</u>		WELL# <u>A-4</u>		LOCATION <u>YOCEMENTO & GOLF COURSE</u>		COUNTY <u>ELLIS</u>	STATE <u>KS</u>
<input checked="" type="radio"/> OLD OR NEW (Circle one)		RA 35 134W NE1/4					

CONTRACTOR CO TOOLS

TYPE OF JOB PORT COLLAR

HOLE SIZE _____ T.D. _____

CASING SIZE 5/2 DEPTH _____

TUBING SIZE 2" DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT _____

OWNER _____

CEMENT

AMOUNT ORDERED 350 60/40 6% GEL
14 LB FLO SEAL/SK

USE 250 SK

COMMON	<u>150</u>	@	<u>8.70</u>	<u>1305.00</u>
POZMIX	<u>100</u>	@	<u>4.70</u>	<u>470.00</u>
GEL	<u>15</u>	@	<u>14.00</u>	<u>210.00</u>
CHLORIDE		@		
ASC		@		
<u>FLO SEAL</u>	<u>63 #</u>	@	<u>1.70</u>	<u>107.10</u>
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>365</u>	@	<u>1.60</u>	<u>584.00</u>
MILEAGE	<u>64/SK/mile</u>			<u>744.60</u>
TOTAL				<u>3,420.70</u>

EQUIPMENT

PUMP TRUCK CEMENTER MARK

177 HELPER RAUL

BULK TRUCK

362 DRIVER BLEND

BULK TRUCK

_____ DRIVER _____

REMARKS:

PCOLLAR C 1684 TEST CSG TO 1000'
OPEN TOOL MEVED 250 SIL CIRC CEMENT
CLOSE TOOL PRES TO 1000' RAN 5
ITS WASH CLEAN

SERVICE

DEPTH OF JOB	_____		
PUMP TRUCK CHARGE			<u>785.00</u>
EXTRA FOOTAGE	_____	@	_____
MILEAGE	<u>34</u>	@	<u>500</u> <u>170.00</u>
MANIFOLD	_____	@	_____
	_____	@	_____
	_____	@	_____
TOTAL <u>955.00</u>			

CHARGE TO: CATTLEMAN'S

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

To Allied Cementing Co., Inc.