WELL HISTORY - DESCRIPTION OF WELL & LEASE

OIL & GAS CONSE	ATION COMMISSION ERVATION DIVISION September 1999 Form Must Be Typed PTION OF WELL & LEASE
Operator: License #	API No. 15 - 051-25,618-00-00 County: E111s 75 NSP NE - SE Sec. 10 Twp. 13 s. R. 17W = East West 1725 feet from (s) (circle one) Line of Section 330 feet from (s) (circle one) Line of Section Footages Calculated from Nearest Outside Section Corner: (circle one) NE (sE) NW sW Lease Name: CATHERINE UNIT Well #: 3-7 Twin Field Name: Catherine Producing Formation: None Elevation: Ground: 1993 Kelly Bushing: 2001 Total Depth: 1541 Plug Back Total Depth: Amount of Surface Pipe Set and Cemented at 223.87 Feet Multiple Stage Cementing Collar Used? Yes No If yes, show depth set Feet If Alternate II completion, cement circulated from feet depth to (15sk In Rat Hole) (10sks In Mouse Hole) Drilling Fluid Management Plan (Data must be collected from the Reserve Pit) PAR KOK (6/16/07) Chloride content 11,000 ppm Fluid volume 300 bbls Dewatering method used Evaporation Location of fluid disposal if hauled offsite: Operator Name: License No.: Quarter Sec. Twp. S. R. East West
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas 67202, within 120 days of the spud date, recompletion, workover Information of side two of this form will be held confidential for a period of 12 107 for confidentiality in excess of 12 months). One copy of all wireline logs at TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. All requirements of the statutes, rules and regulations promulgated to regulate herein are complete and correct to the best of my knowledge. Signature: Land musels Title: Day FR Date: 3 30 0 7 Subscribed and sworn to before me this so day of Manch 20 D 7. Notary Public: Land Day Day Land Commission Expires: 4 20 07	or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. months if requested in writing and submitted with the form (see rule 82-3- nd geologist well report shall be attached with this form. ALL CEMENTING Submit CP-111 form with all temporarily abandoned wells. The oil and gas industry have been fully complied with and the statements KCC Office Use ONLY Letter of Confidentiality Received

CONSERVATION DIVISION WIGHTA, KS

Operator Name: Constitution (Constitution)	CATTLEMANS (Barrier S. R. 17W	OIL OPERATIONS Bast X West	Lease Name	e: <u>CATHERIN</u> Ellis	NE UNIT	_ Well #: _3	-7 Twin	
temperature, fluid reco	very, and flow rate	and base of formations g and shut-in pressures is if gas to surface test, final geological well site	along with the panels	all cores. Repor pressure reached art(s). Attach ext	t all final copies o static level, hydro tra sheet if more s	of drill stems ostatic pressi space is need	tests giving interval ures, bottom hole ded. Attach copy of a	
Drill Stem Tests Taken (Attach Additional S		Yes XNo		Log Formati	on (Top), Depth a	and Datum	Sample	
Samples Sent to Geole	ogical Survey	Yes XNo	Na	me		Тор	Datum	
Cores Taken Electric Log Run (Submit Copy)		Yes XNo						
List All E. Logs Run:								
		CASING Report all strings set-	RECORD N	New Used	ion, 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 Pipe 13½		10 3/4	43	223.87	Common	160	2%Ge1&3%CC	
Diverse		ADDITIONAL	CEMENTING / SQ	UEEZE RECORD				
Purpose: —— Perforate —— Protect Casing —— Plug Back TD —— Plug Off Zone	Depth Top Bottom	Type of Cement	#Sacks Used		Type and Pe	rcent Additives		
Shots Per Foot	PERFORATIO Specify Fo	N RECORD - Bridge Plug ootage of Each Interval Perl	s Set/Type forated	Acid, Fract	ure, Shot, Cement S ount and Kind of Mate	iqueeze Recon rial Used)	d Depth	
UBING RECORD	Size	Set At	Packer At	Liner Run	Yes No			
ate of First, Resumerd Pro	duction, SWD or Enh	r. Producing Metho	od Flowing	Pumping		[] -··		
stimated Production Per 24 Hours	Oil Bb	ls. Gas M	Acf Water		Gas Lift Gas	Other-Oil Ratio	(Explain) Gravity	
sposition of Gas	METHOD OF COM	MPLETION		Production Interval				
Vented Sold (If vented, Submit	Used on Lease ACO-18.)	Open Hole	Perf. Du	ually Comp.	Commingled			



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

DRILLER'S LOG

Operator: Cattlemans Oil Operations LIC# 7064

2260 Catherine Road Hays, KS 67601

Contractor: Discovery Drilling Co., Inc. LIC#31548

PO Box 763 Hays, KS 67601

Lease: Catherine Unit #3-7 Twin

Location: 75' N of SE / NE / SE

Sec. 10 / 13S / 17W

Ellis Co., KS

Loggers Total Depth: No Log Rotary Total Depth: 1541'

Commenced: 3/6/2007

Casing: 10 3/4" @ 223.87 w / 150 sks

API#15- 051-25, 618-00-00 Elevation: 1533' GL / 1541' KB

Completed: 3/8/2007

Status: D & A

DEPTHS & FORMATIONS (All from KB)

Surface, Sand & Shale	0'	Shale	1205'
Dakota Sand	448'	Shale & Lime	-
Shale	541'	Shale	-
Cedar Hill Sand	687'	Shale & Lime	-
Red Bed Shale	888'	Lime & Shale	-
Anhydrite	1162'	RTD	1541'
Base Anhydrite	1205'		
STATE OF KANSAS)			
COUNTY OF ELLIS)			
Thomas U. Alm of Discour	m a Duillian an a fact of the		

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

My Commission expires:

(Place stamp or seal below)

Notary Public

NOTARY PUBLIC - State of Kansas GLENNA S. A My Appt. Exp.

RECEIVED KANSAS CORPORATION COMMISSION

MAR 2 8 2007

QUALITY OILWELL-CEMENTING, INC.

Phone 785-483-2025 Cell 785-324-1041 Home Office P.O. Box 32 Russell, KS 67665

No. 1 pag

Ceii 785-324-1041				********
Date -	ec. Twp.	Range C	alled Out On Location Job Start	Finish
Lease Well N	o. 3	Location		A CAN
Contractor			Owner County	State
Type Job			To Quality Oilwell Cementing Inc.	And the second
Hole Size	T.D.		You are hereby requested to rent cementing equipment and fundament to assist owner or contractor to do work as listed.	urnish cementer an
Csg.	Depth	The state of the s	Charge To	
Tbg. Size	Depth		Street	
Drill Pipe	Depth		City's State	
Tool	Depth	HEET THE MEDICAL PROPERTY OF THE	The above was done to satisfaction and supervision of owner	agent or contractor
Cement Left in Csg.	Shoe Joint	La Santa de La Caración de Car	20 March 1987 1987 1987 1987 1987 1987 1987 1987	
Press Max	Minimum		A Property of the Control of the Con	
Meas Line	Displace			
Perf.			CEMENT	
TEOÙI	PMENT		Amount Ordered	
	A COLUMN		Consisting of	
Pumptrk No. Cementer Helper			Common /// TaD //	11087.50
No Driver Bulktrk Driver			Poz Mix 74	442,777
No Driver Bulktrk Driver			Gel.	163.00
JOB SER	VICES & REMARK		Chloride	
			Holls	
Pumptrk Charge Play		4300	Plouse of 47 # > 2.00	94.00
Mileage 23-40 6	5,00	115,00		
Footage				N.
The second secon	To	tal 565,00	and the second s	dia
Remarks: 181 Plage	13 DO	2564	Sales Tax	200
	775	9654	Handling /99	328.10
3	<i>DD.</i> €	40	Mileage DY MY SACK FOR MILE	366.16
4	40	<u>26., , , , , , , , , , , , , , , , , , , </u>	FUND TRUCK CHARGSUB TOTAL	565,00
	7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Total	
KCG no.		Barton and American Street Control of the Control o	Floating Equipment & Plugs	
KCC Bassi	y ondoc	ation.	Squeeze Manifold	
			Rotating Head RECEIVED	
			KANSAS CORPORATION COMMISSIO	e u
			MAR 2 8 2007	4
			CONSERVATION DIVISION	
A Committee of the Comm			WORLA KS Tax	16955
			Discount	(320,00)
ignature		A STATE OF THE STA	Total Charge	3048,61

QUALITY JILWELL CEMENTING, INC.

Phone 785-483-2025 Cell 785-324-1041 Home Office P.O. Box 32 Russell, KS 67665

No. 1379

		Sec.	Twp.	Range	Call	ed Out	On Location	Job Start	T	Finish		
Date 3-6-57	<u>. </u>	<u>/C</u>	12	17	<u> </u>		730FM	1 Lyin		. John		
Lease Ahirand	,,, - Wel	1 No. 3	-7 tuis	1 Location	Catherin	16 1F 3	1 Winds	Dis County	Ki	State		
Contractor Descript It is Red						Owner						
Type Job Suffer	<u>/</u>	V	3 3			1 You are here	ilwell Cementing, Inc. by requested to rent ceme	nting equipment and f	urnish	cementer an		
Hole Size			T.D.	276		neiper to ass	sist owner or contractor to	do work as listed.				
Csg. / Depth 273						Charge To	Allemain Ol					
Tbg. Size			Depth			Street						
Drill Pipe Depth						City State						
Tool			Depth		,	The above w	as done to satisfaction and	d supervision of owner	agent	or contractor		
Cement Left in Csg.			Shoe Joint	*******************************								
Press Max.	and the same of th	**************************************	Minimum	*****								
Meas Line			Displace	1958b	}					***************************************		
Perf.					,		C	EMENT				
	EC	QUIPMEN	JT.			Amount Ordered 155 cm 3cc 2501						
						Consisting of						
Pumptrk I I	Cementer Helper					Common						
	Oriver Oriver					Poz. Mix						
No. Driver Bulktrk Driver						Gel.						
	IOR S	EDVICES	8 & REMARK	·e		Chloride						
	0003	LUAICES	· & NEWANN			Hulls						
Pumptrk Charge									1			
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Remarks:	1/1	A 1	Att. last	. 1								
	10 TO	43		crè,		Sales Tax Handling						
						Mileage			+			
								Sub Total				

						Floating Equir	oment & Plugs	Total	+			
						Squeeze Manifold						
						Rotating Head	-		-			
							RE	CEIVED	 			
X KYW								DRATION COMMISSION	-			
Mind					NAR 2 8 2007							
						CONSERVATION DIVISION Tax						
						WICE TO MES Discount						
X Signature						Total Charge						

QUALITY DILWELL CEMENTING, INC.

Phone 785-483-2025 Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 1380

		Sec.	Twp.	Range	Call	ed Out	On Location	Job Start	Finish		
Date 3-8	7	10	13					7.30Am	6:000		
Lease Girane II.	11.7 W	'ell No. 🎅	7-turn	Location	Zothar.	ne 15.	3u	Fill County	State		
Contractor Discourse Lighting Rice						Owner					
Type Job Court, The					To Quality Oil You are here	ilwell Cementing, Inc. by requested to rent cem sist owner or contractor to	enting equipment and fu	rnish cementer an			
Hole Size 7.D. 1541					1	sist owner or contractor to	o do work as listed.				
Csg. Depth					Charge To Catting (1)						
Tbg. Size Depth						Street					
Drill Pipe Depth					5.75 Lot of American Laplace	City State					
Tool Depth					The above was done to satisfaction and supervision of owner agent or contractor						
Cement Left in Csg.	No plaint construit aprove		Shoe Joint								
Press Max.			Minimum								
Meas Line			Displace				puber.		-		
Perf.	100 - 100 and					LEGI L	A STATE OF THE PARTY OF THE PAR	CEMENT			
EQUIPMENT						Amount Ordered 200 60 10 69 10 1 71 F1 Sect					
N. I.O.						Consisting of					
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Bulktrk / D	river river	Lawe				Poz. Mix					
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Pumptrk Charge											
Mileage											
Footage											
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Remarks:								Sales Tax			
18 Plus 16	1	000	25.			Handling	Market and the second s	Sales lax			
Just 11 2 L) LA.	100	//)/),,			Mileage					
m Cycle Commission 33		7 mg 15	4):	S.,,		Willcage					
4-11		42				Sub Total					
Fit Aris	ajk tegén gga,	2"	Prix 4	<i>H</i>).		Floating Equipment & Pluge / A - A - A - A - A - A - A - A - A - A					
						Floating Equipment & Plugs / Squeeze Manifold					
1					Rotating Head						
	1	No. of				Trousing Trous		2 Km 10 40mm			
Mark You					RECEIVED KANSAS CORPORATION COMMISSION						
					MAR 2 8 2007						
Simon Market Mar								_			
						CONSERVATION DIVISION WICHITA, K3 Discount					
X Signature								Total Charge			
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