Kansas Corporation Commission Oil & Gas Conservation Division

Form ACO-1 September 1999
Form Must Be Typed

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

CONFIDENTIAL	ORIGINAL
Operator: License # 4767 UUNFIUENTIAL	API No. 15 - 171-20581-00-00 UNIUNAL
Name: Ritchie Exploration, Inc.	County: Scott
Address: P.O. Box 783188	N2 - SE - SE - Sec 17 Twp. 17 S. R. 31 ☐ East ✓ West
City/State/Zip: Wichita, KS 67278-3188	feet from (S)/ N (circle one) Line of Section
Purchaser: NCRA	660 (circle one) Line of Section
Operator Contact Person: John Niemberger	Footages Calculated from Nearest Outside Section Corner:
Phone: (316) 691-9500 RECEIVED	EDONOGONINE SE NW SW
Contractor: Name: L.D. Drilling, Inc. License: 6039 DEC 0 3 2003	Lease Name: Pember 11D Well #: 1
License: 6039	Field Name:
Wellsite Geologist: Kim Shoemaker	Producing Formation: Altamont B-1
Designate Type of Completion:	Elevation: Ground: 2907 Kelly Bushing: 2912
New Well Re-Entry Workover KCC	Total Depth: 4630 Plug Back Total Depth:
Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at 316 Feet
	Multiple Stage Cementing Collar Used?
Dry Other (Core, WSW, Expl., Cathodie, etc).FIDENT	If yes, show depth set 2251 Feet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from 2251
Operator:	feet depth to surface w/ 335 sx cmt.
Well Name:	
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	Objective 4 9.000 1.000
Plug Back Potal Depth	Dewatering method used evaporation ppm Fluid volume 1,000 bbls
Commingled Docket No.	The state of the s
Dual Completion Docket No	Location of fluid disposal if hauled offsite:
Other (SWD or Enhr.?) Docket No	Operator Name:
9/06/03 9/16/03 10/1/03	Lease Name: License No.:
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R East West
Recompletion Date Recompletion Date	County: Docket No.:
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 are TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells.	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- and geologist well report shall be attached with this form. ALL CEMENTING
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.	, , and all a successions
Signature: 1800	KCC Office Use ONLY
Title: Foduction Manager Date: 12/2/03	
Ovid	Letter of Confidentiality Attached
Subscribed and sworn to before me this 2 day of 1 December	
DEBRA K. PH	Wireline Log Received ILLIPS Geologist Report Received
Notary Public: Notary Public - State	of Kansas
Date Commission Expires: 5/4/07	UIC Distribution
•	L

CONFIDENTIAL

Side Two

ORIGINAL

•	torile Exploration,			Lease	Name:	rember 110		Well #: <u>1</u>	
Sec. 11 Twp	17 S. R. 31	Ea	st 🗹 West	County	y: Scot		.,,		
tested, time tool op temperature, fluid re	Show important tops en and closed, flowir ecovery, and flow rat gs surveyed. Attach	ng and sh es if gas t	ut-in pressures, to surface test,	, whether sl along with f	hut-in pr	essure reached	static level, hyd	rostatic pressu	ires bottom bole
Drill Stem Tests Taken (Attach Additional Sheets)					.og Forma	tion (Top), Depth	and Datum	✓ Sample	
Samples Sent to G	eological Survey	V	Yes Ne	G.	Nam	lame Top			Datum
Cores Taken Electric Log Run (Submit Copy)		RE	Yes No		SEE	ATTACHED	SHEET		
List All E. Logs Run	:	P	AK	ALTHS.		g ~ i			
Dual Compens Dual Induction	sated Porosity L Log	og FRO	W CONEIL			CO	NFIDENTIA	·	
				RECORD	□ Ne	w Used ermediate, produc	ction, etc.		
Purpose of String	Size Hole Drilled		ize Casing et (In O.D.)	Weig Lbs. /		Setting Depth	Type of Cement	# Sacks Used	Type and Perce
Surface	12-1/4"	8-5/8"		23#		316'	Common	180	3%cc, 2% ge
Casing	7-7/8"	5-1/2"	99,999	15.5#		4620'	Pozmix	200	60/40

		T	ADDITIONAL	. CEMENTIN	IG / SQL	JEEZE RECORI)		
Purpose: —— Perforate —— Protect Casing —— Plug Back TD —— Plug Off Zone	Depth Top Bottom Type of Cement asing		#Sacks	Used	Type and Percent Additives				
Shots Per Foot	nots 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				
4 4366' - 4370' (Altamont B-1)				1000 gals 15% NE					
FUBING RECORD 2-	Size 3/8"	Set At 4540'		Packer At		Liner Run	Yes No		
Date of First, Resumer 10/1/03	d Production, SWD or E	nhr.	Producing Meth	Process.	Flowing	✓ Pumpir	ng 🔲 Gas Lif	t Othe	er (Explain)
Estimated Production Per 24 Hours	10	Bbls.		Mcf	Water			ias-Oil Ratio	Gravity 38.4
Disposition of Gas	METHOD OF C	OMPLETIC	NC		·······································	Production Inter-	val		
Vented Sold (If vented, Su	Used on Lease bmit ACO-18.)		Open Hole Other (Specif	Perf.	Dı	ually Comp.	Commingled		



KCC

ORIGINAL

CONFIDENTIAL

RECEIVED

DEC 0 3 2003 KCC WICHITA KCC

120 0 2 2003

CONFIDENTIAL

#1 Pember 11D

1100' FSL & 660' FEL Section 11-17S-31W Scott County, Kansas API# 15-171-20581 L.D. Drilling, Inc., Rig #1 Field: Kim Shoemaker

Office: Rocky Milford

Elevation: 2,907' GL: 2,912' KB

DRILLING REPORT

Sample Tops Stone Corral 2267 +645 Massive Anhydrite 2308 +604

2330 +582 B/Anhydrite -620 Stotler 3532 -768 3680 Topeka

Heebner -997 3909 Lansing 3945 -1033 -1212 4124

Muncie Creek -1302 4214 Stark 4294 -1382 B/KC

-1423 4335 Marmaton -1434 Altamont B-1 zone 4366

4415 -1503 Pawnee

Cherokee 4489 -1577

Johnson zone 4526 -1614

-1662 Miss 4574

-1718 4630 **RTD**

RELEASED

FROM CONFIDENTIAL

ORIGINAL

ALLIED CEMENTING CO., INC. 13428

REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665	SERVICE POINT: RELEASE OAK LS
DATE - 05 63 SEC. TWP. RANGE SOME CA	LLED OUT ON LOCATION TOB START JOB FINISH
DAIL	CTATE
LEASE Pember WELL#11-D# LOCATION Dealy	5 w - STERBINGOUTED SCOTT PS
OLD OR NEW (Circle one)	
CONTRACTOR LD DAG	OWNER SAME
HOLESIZE 1214 TD 319	CEMENT
TIOLE SIZE	AMOUNT ORDERED 180 5ks com
CASING SIZE 878 23 DEPTH 316 TUBING SIZE DEPTH	3% (C, 2% cel
DRILL PIPE DEPTH	
TOOL DEPTH	COMMON 180 @835 1503 0C
PRES. MAX MINIMUM	COMMON 180 @8 1503
MEAS. LINE SHOE JOINT	POZMIX@
CEMENT LEFT IN CSG. \ \ \ \ \ \ \	GEL 3 @ 10° 30° 00
PERFS.	CHLORIDE 6 @ 3050 180
DISPLACEMENT 19.18865	
EQUIPMENT	
PUMP TRUCK CEMENTER TOZZY	@ 6 /
#300 HELPER WAGNO	HANDLING 180 @ 112 207
BULKTRUCK	MUECENEDA / SK mil
# 315 DRIVER LANDLE	40500
BULK TRUCK # DRIVER	DEC 0 3 2003 TOTAL 7325
# DRIVER	DEC COLUTA
	KCC WICHITA
Cener 856 CE to A depth of	SERVICE
39000 Jacob D'KALER	DEPTH OF JOB
Plue to within 15' of bottom	PUMP TRUCK CHARGE 5 2 0
102 40 60111110	EXTRA FOOTAGE @ 15750
cement did circulate	MILEAGE 45 @
	PLUG83/8 @ 452 452
	@
Plus down @ 12.13 Am	, @
THANKS TUZZT	50
CHARGE TO: Ritchie Gypl. INC	TOTAL 722
CHARGE TO: KING STEPT: LOC	1
STREET	FLOAT EQUIPMENT
CITYSTATEZIP	
Y	
	@ @
To Allied Cementing Co., Inc.	
You are hereby requested to rent cementing equipment	mom. v
and furnish cementer and helper to assist owner or	TOTAL
contractor to do work as is listed. The above work was	
done to satisfaction and supervision of owner agent or	TAX
contractor. I have read & understand the "TERMS AND	TOTAL CHARGE
CONDITIONS" listed on the reverse side.	
	DISCOUNT IF PAID IN 30 DAYS
on I MA	Mul 1 h) h =
SIGNATURE Michael & Solizie	111. Charl Feel 90
V - 1	PRINTED NAME

ALLIED CEMENTING CO., INC. 14180 Federal Tax I.D.#

REMIT TO	P.O. BOX 3	
	RUSSELL.	KANSAS 67665

SERVICE POINT:

OAKLEY

9-16-03 DATE	SEC.	TWP.	RANGE 3/W	CALLED OUT ON		JOB STAB	JOB FINISH M
PEMBER 11	Ø WELL#	1		NEW 6 1E-3/4	- 3:00 PM	COUNTY	STATE
OLD OR NEW			LOCATION 777742	10 70 94	,	JAN CONFIDE	MAKE
CONTRACTOR	20	DRZO	,	OWNER	SAME.	" CONFIDE	,
TYPE OF JOB	PROduct		RINLE		ER	Mis	
HOLE SIZE	77/0	T.D.	4630	CEMENT	1.1.		
CASING SIZE	=1	DEP			DEDED		
TUBING SIZE				_ AMOUNT OR	DERED	- 15 -9 -	. , 3/ /9 . .
		DEP		_ 2133136	0/40002 10%	SALT 21068	L 140E/16CE
DRILL PIPE TOOL	17 10/	DEP	000	500 CAL	WARL		
					10004	~ 85	- , _ 6
PRES. MAX	1350 p		IMUM 250 /5		1295Ks	_@_/	1012 4
MEAS. LINE			EJOINT 43.07		865KS	_@ <u>3 %</u>	326 &
CEMENT LEFT	IN CSG.	4	3.07	_ GEL	45Ks	_@ <u>/o 🔏</u>	40 TH
PERFS.				_ CHLORIDE _		@	
DISPLACEMEN	<u>IT</u>	109	BBL			@	
	EOU	IPMENT	,	SALT.	205Kz	@ 750	150€
0			.	CO-31	139#	@ 4 45	61855
DITT (D TIDITOT			~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	- WFX-2	500 CAL	a / %	500
PUMPTRUCK	CEMENT	•	ERRY	***************************************			
# 300	HELPER	W	AYNE	- HANDLING	2155%		247 25
BULK TRUCK		·· 1			54 PER SX	1 11-15	402 75
# 212	DRIVER	24	PRRY		•	rure	700
BULK TRUCK				RECEIV	'ED		2270 €
#	DRIVER					TOTAL	3379 🕏
		,		DEC 0 3 2	2003		,
	יים מו	MADIZO.				rom.	
		MARKS:		_ KCC WICH	-IITA SERVI	ICE	
MIX 500	GAL W	FK-2	PLULD RAI	×			
HOK WITH	155k	S CEME	NEX MEX	DEPTH OF JO	В	4620	
200 5Ks 6	140402	10954	17 2% 6CL	PUMP TRUCK	CHARGE		1130%
3/40F 170 CK	1-31 Do	WN 51	2 CASING	EXTRA FOOT	AGE	@	
+ DISPLAC		1091	88L	MILEAGE	45 M	@ 3 50	15750
PL46 1.	AND ED			PLUG 5亿	Rubber	@	50 2
F1047	DEANY	- Holi	1.	,	1142100		00 4
,				1			Maria
		**************************************	THANK YOU		1		
,			THANK YOY	Tally Miles			St
	0-1-11-80		"""你说。	1886 A Trian Co.		TOTAL	13372
CHARGE TO: _	TTCHIE	- EXPIE	KI INCOM	of the state of th			
STREET		4	and a second of the	î veg	FLOAT EQU	THE ATTENDED	
STREET				-	1, 1	IPMENT	
CITY	ST	ATE	ZIP		52		
	· ·			1-64FDE	SHOE	@	150 %
	•		•	1-AFU	INSEXT	@	235
				6- CENT	RALIZERS	@ 50 Z	300 60
				10 BASI	KET	<u></u> _	128 2
T- A11:-1 C			•	1- PORT	Collap	@	1750 2
To Allied Ceme							
You are hereby	requested to	rent ceme	enting equipment	4			90126
			sist owner or	1	,1	TOTAL	2563 €
			e above work was	- ***			
			f owner agent or	ጥ ል እን			
			the "TERMS AND	TAX		_	
CONDITIONS'				TOTAL CHAR	GE		
201121110110	noted On th	10 10 10136	side,	,			
Book of the second			,	DISCOUNT		IF PAID	IN 30 DAYS
•	1.						
SIGNATURE	Senni	e Ali	lls				
-7				***************************************	DDINT	ED NAME	
					FRIIVI.	PD MANIE	

ALLIED CEWEN		14851
Federal Tax I.D.	# Compression	T WYS
REMIT TO P.O. BOX 31 33554 CUT, A AT II	r cemental on of SERV	ICE FOINT:
RUSSELL, KANSAS 67665	F Pros-14 , 1, 9/19 E	BONKGOVKIEDA
	LLED OUT ON LOCATION	JOB START JOB FINISH
DATE 175 175 103/W	11:30 AM	12:00 Pm 1:15 Pm COUNTY STATE
LEASE //-D WELL# / LOCATION MANOT	NO 1E-345	500 H
OLD OR NEW (Circle one)		
CONTRACTOR H-D WE! SERVICE	OWNER SAME	Dar 6 & 2003
TYPE OF JOB PORT COLLAR	OWNER SAME	
HOLE SIZE T.D.	CEMENT	CONFIDENTIAL
CASING SIZE 5/2 DEPTH	AMOUNT ORDERED 375	5ts 50/50 po268661
TUBING SIZE 2" DEPTH 225/	1/4 F/0-SEAL	1 - 191 1 N# 1 50
DRILL PIPE DEPTH TOOL DEPTH	USED 335 SKS 60/50	POZ626EL 14# 1650
TOOL DEPTH PRES. MAX MINIMUM	COMMON_/685K5	@ 8 35 1402 8
MEAS. LINE SHOE JOINT	POZMIX 1675K5	@ 3 % 6345
CEMENT LEFT IN CSG.	GEL	@ 10 to 170 to
PERFS.	CHLORIDE	
DISPLACEMENT		@
EQUIPMENT	Flo-SEAL 84#	-@ <u> </u> 40 17 60
	THE SENZ OF	@
PUMPTRUCK CEMENTER TERRY		
HELPER WAYNE	HANDLING 3755KS	@ 1 3 431 431 431 431 431 431 431 431 431
BULK TRUCK # 362 DRIVER RUFUS	MILEAGE 05 4 PER SK/	MI/E 843-8
BULK TRUCK	RECEIVED	TOTAL 3600-2
# DRIVER		TOTAL
	DEC 0 3 2003	
REMARKS:	SERV	ICE
PRESSURE SYSTEM. TO 1000 ASI. HELD	KCC WICHITA	
DRIN PORT COLLAR MIX 3355Ks 50/50/02	DEPTH OF JOB	2251
6% GEL 14# F/O-SEAL + DISPLACE 84 BBL	PUMP TRUCK CHARGE	
WATER, Close Tool, REVERSE OUT. RUN	EXTRA FOOTAGE MILEAGE 45 MI	@
13, TTS TUDENG REVERSE OUT, AFTER CLOSTOG PORT COLLAR REPRESSIET TO 1200 AST,	PLUG	
CEMENT DID STRC.		
	3 1	@
THANK YOU		50
A		TOTAL 807
CHARGE TO: RITCHIE EXPLOR, INC		
STREET	FLOAT EQU	UIPMENT
	_	
CITYSTATEZIP		
·		@
		@
To Allied Cementing Co., Inc.		@
You are hereby requested to rent cementing equipment		
and furnish cementer and helper to assist owner or		TOTAL
contractor to do work as is listed. The above work was		
done to satisfaction and supervision of owner agent or	TAX	
contractor. I have read & understand the "TERMS AND	TOTAL CHARGE	<u>kara andara ya karanda karanda karanda karanda ya ya piraba da karanda karanda karanda karanda karanda karanda</u>
CONDITIONS" listed on the reverse side.	DISCOUNT	
	DISCOON!	IF PAID IN 30 DAYS
SIGNATURE Bannie Della		
SIGNATURE PARMINETURE	יואז ממ	TED NAME
	rkiin.	エント はながけ