

Form ACO-1 September 1999 Form Must Be Typed

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 4767	API No. 15 - 057-20611-0000
Name: Ritchie Exploration, Inc.	County: Ford
Address: P.O. Box 783188	approx_SE_NW_NW_Sec. 4 Twp. 28 S. R. 22 East West
City/State/Zip: Wichita, KS 67278-3188	feet from S / N circle one) Line of Section
Purchaser:	1197 feet from E / W circle one) Line of Section
Operator Contact Person: John Niernberger	Footages Calculated from Nearest Outside Section Corner:
Phone: (316) 691-9500	(circle one) NE SE (NW SW
Contractor: Name: BEREDCO, Inc.	Lease Name: Stephenson 4B Well #: 1
License: 5147	Field Name:
Wellsite Geologist: Steve Carl	Producing Formation:
Designate Type of Completion:	Elevation: Ground: 2366 Kelly Bushing: 2375
New Well Re-Entry Workover	Total Depth: 5185 Plug Back Total Depth: 5165
OitSWDSIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented at 336 Feet
✓ Gas ENHR SIGW	
Dry Other (Core, WSW, Expl., Cathodic, etc)	Multiple Stage Cementing Collar Used? ✓ Yes No If yes, show depth set 1412 Feet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from 1412 feet depth to surface w/ 335 sx cmt.
Operator:	
Well Name:	Drilling Fluid Management Plan
Original Comp. Date: Original Total Depth:	(Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	Chloride content 15500 ppm Fluid volume 1800 bbls
Plug Back Plug Back Total Depth	Dewatering method used evaporation
Commingled Docket No.	Location of fluid disposal if hauled offsite:
Dual Completion Docket No	Operator Name:
Other (SWD or Enhr.?) Docket No	_ '
7/13/08 7/24/08 7/26/08	Lease Name: License No.:
Spud Date or Date Reached TD Completion Date or Recompletion Date	County: Docket No.:
Kansas 67202, within 120 days of the spud date, recompletion, wor Information of side two of this form will be held confidential for a period 107 for confidentiality in excess of 12 months). One copy of all wireline TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged v	with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, rkover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. If of 12 months if requested in writing and submitted with the form (see rule 82-3-logs and geologist well report shall be attached with this form. ALL CEMENTING wells. Submit CP-111 form with all temporarily abandoned wells.
Signature:	KCC Office Use ONLY
Title: Production ManagerDate:10/29/08	Letter of Confidentiality Received
Subscribed and sworn to Afore me this 29 day of Detak	If Denied, Yes Date:
	, Wireline Log Received
20 08	Geologist Report Received RECEIVED
Notary Public: Aleba The	KANSAS CORPORATION COMMISSION
Date Commission Expires: 5-4-1/	OCT 3 0 2008
A DEBRA K. PH	

Notary Public - State of Kansas

My Appt. Expires 5-4-11

CONSERVATION DIVISION WICHITA, KS

Operator Name. Rito	hie Exploration	, Inc.	l ease l	Name. Stephen	son 4B		Well #. 1		
sec. 4 Twp. 2			County: Ford						
NSTRUCTIONS: Shested, time tool oper emperature, fluid rec	now important tops n and closed, flowi covery, and flow rat	and base of formations ng and shut-in pressures es if gas to surface test, final geological well site	penetrated. [s, whether shu along with fir	Detail all cores. ut-in pressure r	eached sta	atic level, hydr	ostatic pressu	res, bottom hole	
Orill Stem Tests Take (Attach Additional		✓ Yes No		Log	Formation	(Top), Depth	and Datum	√ Sample	
Samples Sent to Geo	ological Survey	✓ Yes No		Name			Тор	Datum	
Cores Taken		☐ Yes 🗸 No							
Electric Log Run (Submit Copy)	✓ Yes No			SEE AT	TACHED	K	SO.		
ist All E. Logs Run:							_		
Dual Inductior Compensated	•	itron Log					OCT 2 (CONFID		
		CASING Report all strings set	3 RECORD	New []		n etc			
Purpose of String	Size Hele Size Cooing		Weigi Lbs./	ght Setting		Type of Cement	# Sacks Used	Type and Percent Additives	
Surface	12-1/4	8-5/8	23	336	(class A	300	3%cc, 2% gel	
Production	7-7/8	4-1/2	10.5	5167	,	ASC	200	10% salt, 1% gel, Kol-sel	
		ADDITIONA	L CEMENTIN	G / SOLIEEZE E	PECORD			<u> </u>	
Purpose:	Depth Top Bottom	Type of Cement		#Sacks Used Type and Percent Additives					
Protect Casing Plug Back TD Plug Off Zone									
Shots Per Foot		TION RECORD - Bridge Pl					nt Squeeze Reco		
	Specir	y Footage of Each Interval P	ertorated		(Amoi	unt and Kind of N	iateriai Used)	Depth	
	***No Perforation	Records yet waiting on	gas market**	*					
							·		
					.=				
TUBING RECORD	Size	Set At	Packer At	Liner F		Yes 🗸 No)		
Date of First, Resumer	d Production, SWD or	Enhr. Producing Me	_] Flowing	Pumping	Gas L	ift Oth	er (Explain)	
Estimated Production Per 24 Hours	Oil	Bbls. Gas	Mcf	Water	Bbls	i.	Gas-Oil Ratio	Gravity	
Disposition of Gas	METHOD OF		Production Interval						
Vented Sold	Used on Lease	Open Hole	e Perf.	Dually Co	F	Commingled _		RECEIVED	

OCT 3 0 2008



#1 Stephenson 4B

1026' FNL & 1197' FWL 36' S & 207' E of SE NW NW Section 4-28S-22W Ford County, Kansas API# 15-057-20611-00-00 Elevation: 2366' GL, 2375' KB

			Ref.
Sample Tops			Well
B/Anhydrite	1412'	+963	-13
Chase Herrington	2564'	-189	-10
Stotler	3480'	-1105	-2
Heebner	4142'	-1767	-8
Lansing	4280'	-1905	-6
Stark Shale	4602'	-2227	-6
Pawnee	4809'	-2434	-5
Cherokee Shale	4857'	-2482	-8
Atoka Shale	4945'	-2570	-5
Miss. Spergen	4962'	-2587	flat
RTD	5185'	-2810	

KCC OCT 2 9 2013 COMPIDENTIAL

RECEIVED KANSAS CORPORATION COMMISSION

OCT 3 0 2008

CONSERVATION DIVISION WICHITA, KS

SERVICE POINT: REMIT TO P.O. BOX 31 predicino Ladas RUSSELL, KANSAS 67665 RANGE ON LOCATION DATE 231-08 STOPHONESON LOCATION FORD, KS, POST OFFICE, 46 DOR NEW (Gircle one) 1/4 exst, WINTO OWNER LITCHIS EXPLONATIONS CONTRACTOR PLAINS TYPE OF JOB POFT CEMENT HOLE SIZE 7% T.D. 1,412 AMOUNT ORDERED 475 SX 60:46:6% COX 414 FB-5644, (USEN) 330 SX) CASING SIZE 42 DEPTH 1, 4/2 TUBING SIZE 23/6" DEPTH 1,412 DRILL PIPE DEPTH TOOL DEPTH COMMON 198 A @ 15.45 3059.10 200 PRES. MAX MINIMUM 100 POZMIX 132 @ 8.00 1056.00 MEAS. LINE SHOE JOINT @ <u>20.80 353.60</u> CEMENT LEFT IN CSG. @ **CHLORIDE** PERFS. DISPLACEMENT 4/2 661. TRUSH WATEN @ ASC_ @ <u>2.50 20750</u> **EQUIPMENT** @ @ CEMENTER SILL M. PUMP TRUCK @ HELPER MIKES #352 **BULK TRUCK** DRIVER Now TOND #363 BULK TRUCK @ DRIVER 505 @ 2.40 1212.00 HANDLING_ MILEAGE 50 x 505 X .10 _ *a5a5.00* TOTAL 8413, 20 **REMARKS:** YOUT COLLAR @ 1,40', TEST PORT COLLAR **SERVICE** TO LEDO A, OK, OPEN PORT COURL, EST. CULATION, PUNP 330 SX 60:40:63 CX DEPTH OF JOB 1,442 +1/4 120-50AL, 6 SPAC 900-500-700 CILCULATE CEMENT TO SULFACE, STOP YUM PUMP TRUCK CHARGE ___ ISH PUNT LINGS, START DISPLACEMENT EXTRA FOOTAGE EATHE 200 , SOU LINT, 400 @ 7.00 350.00 MILEAGE 50 MANIFOLD ____ OK, RUNINSJE, KEYEL CHARGE TO: KITCHIE &XPLORATION TOTAL 1535.00 STREET _____ CITY_____STATE ___ PLUG & FLOAT EQUIPMENT To Allied Cementing Co., LLC. @ You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was TOTAL ___ done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL SALES TAX (If Any) -TERMS AND CONDITIONS" listed on the reverse side. TOTAL CHARGES IF PAID IN 30 DAYS PRINTED NAME ANY APPLICABLE TAX SIGNATURE

KGC OCT 2 9 2003 CAMPIDENTIA

OCT 3 () 2008 CONSERVATION DIVISION

CANSAS CORPORATION COMMISSI

OCT 3 0 2008

WILL BE CHARGED
UPON INVOICING

REMIT TO P.O. B	OV 21			en cent	VICE POINT:		
	ELL, KANSAS 6766	55	O/S	SER.		10- LODGE	
DATE 7-13-08	SEC. 4 TWP.	RANGE 22 W	CALLED OUT	ON LOCATION	JOB START	JOB FINISH	
STETHELLON	WELL##5	LOCATION COLÀ	KS POST DEFIC	5 1/2 MAST	COUNTY	STATE	
LEASE OLD OR NEW Cir	1 /4	1/2 SONTH NO		-) 	10.0	1 7,0	
		1 200 14 NO				j.	
<u>CONTRACTOR</u>			OWNER &IT	CHIE GXA	LOXATIO	<u>~</u>	
HOLE SIZE 12	ILMCE CASIN	. 337 '	CEMENT				
CASING SIZE	SA' DEI	тн 306	-	DERED <i>300</i> .	sx CLASS	A+390 cc	
TUBING SIZE	DEI	PTH	12% 654				
DRILL PIPE 4	½ ' DEI	PTH					
TOOL		PTH COO			0 10-110	- U135 00	
PRES. MAX MEAS. LINE		DE JOINT 15	_ COMMON; POZMIX	300 H	_@_ <u>/3.93</u> 	4635.00	
CEMENT LEFT IN		DE JOHNI 75	GEL	6		124.80	
PERFS.			CHLORIDE	//		640.20	
DISPLACEMENT	20 14 661. F	1654 WATEN	_ ASC		_@		
	EQUIPMENT						
					_@ @		
	CEMENTER 614		_				
# 360 BULK TRUCK	HELPER XAYA	OND K,			@		
	DRIVER KICK	n.			@		
BULK TRUCK	Dia Lon Mich				_ @ <u></u>		
#	DRIVER		HANDLING_	317	@ <i>2.40</i>	760.80	
				50 × 317	Y.10	1585.00	
	REMARKS:				TOTAL	7745.80	MCCC
PIPE ON BOTT	on, sheak d	ACULATION,					1/1/2/18
	15H, PUMP 300.		_	SERVI	CE		OCT 2 9 2003
	CEZ, STOPPU	KPS, KELEAS ENT. SOB WI		D 77/			CONFIDENTI
SEND MITE	DISPLACE NI	TN20 14661.	PUMP TRUCK	CHARGE O	-3070′	1018.00	COMMENDER
FRESH WATEN	, STOP PUNC		_ EXTRA FOOT	AGE_ 3 6'	_@ <u>.85</u>	_ 30.60	
CILCULATE	conomi.	•	MILEAGE		_@_ <u>7.00</u>	350.00	
			— MANIFOLD A	FORD RENT	_	113.00	
					@ 		
CHARGE TO:	ITCHIE EXP	LONGTION					
•			_ _		TOTAL	1511.60	
							CONSERVATION COMMISSION COMMISSION OCT 3 0 2008 CONSERVATION DIVISION WICHITA, KS
CITY	STATE	ZIP	_ ₁	PLUG & FLOAT	Γ EQUIPMEN	NT	Sas
					•		OCT 3 0 2008 CONSERVATION DIVISION WICHITA, KS
			85/2" KAK	SEN ALL	1@ 113.00	113.00	SER HOO
					_ @		SATION SA
To Allied Cemen	ting Co., LLC.				_@		AND NO
		menting equipment					2008 2008 SA, KS
	nter and helper(s) t				_ 6		NON SSINS
		he above work was			TOTAL	113.00	Ö
	on and supervision e read and understa	of owner agent or and the "GENERAI					
		d on the reverse sid	CALECTAVA	f Any)	100-		
			TOTAL CHAR	GES	WITE	90	
DDINITED NIANO	Marin	Q To	ر . پيدان DISCOUNT _		TE DAI	ID IN 30 DAYS	
CAMIED NAME	- juivin	w. Jul	جونی DISCOONT —		IF FA	TI 20 DUI 2	

ANY APPLICABLE TAX WILL BE CHARGED UPON INVOICING

SIGNATURE Mawi B. Julian

REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665	SER	VICE POINT:	den 10 s.			
DATE 7-75-09 SEC. TWP. RANGE 22 W	ALLED OUT ON LOCATION S:00 AM S!00 PA	JOB START JO	B FINISH			
Stefherson 4-B WELL# LOCATION Told KS	, 1E, 1/2N, WI-TO		ATE /-S			
OLD OR NEW (Circle one)			,			
CONTRACTOR Beredos TYPE OF JOB ? roduction casing	OWNER Litchie	XVIONATION	<u> </u>			
HOLE SIZE 7 % T.D. 5/85 CASING SIZE 4/2 125 DEPTH 5/81	CEMENT AMOUNT ORDERED 225	SX ASC T	5-# Kd-Sed			
TUBING SIZE DEPTH DRILL PIPE DEPTH	15x +.52fl-160, 50	ogsi ur				
PRES. MAX 3,000 MINIMUM 1001	COMMON	@				
MEAS. LINE SHOE JOINT 73 CEMENT LEFT IN CSG.	POZMIX	@				
PERFS. DISPLACEMENT	CHLORIDEASC25	_@ <u></u>				
EQUIPMENT	KOI SEAL 1125 M FL-160 106 #	_@ <i>_13.30</i> /	1409.80			
PUMPTRUCK CEMENTER Thanks Demollow # 360 HELPER Gra K.	ASF 500 gl.	_@ <i>_L_</i> a	<u> </u>			
BULK TRUCK # 3 & I DRIVER Jasank		@				
BULK TRUCK # DRIVER	100			٢	WC	
	HANDLING 289 MILEAGE 50×289	7 X.10 1	93.60	~ (°	R D	9 LAGA
REMARKS: REMARKS:		TOTAL _C	369.65			
Freflesh - 3866 Fresh, 500GAK ASF, 3860 Fresh Alex Rott Mouse W/ 255x ASC +5	£	CE		M. M.	₩.	
Kd-scol/sk+.53 fl-160, Fund Production 200 SX ALLYS#Kol-scol/SK+,5% fl-160, Well	DEPTH OF JOB <u>S/&/'</u> PUMP TRUCK CHARGE		295.00			
locked of Presided of to 3 decte and not get it to Brusk loose Parked total	EXTRA FOOTAGE	_@				
Tited Trifin to Reconstition hale	MANIFOLD Head kurtol	_@	113.00			
CHARGE TO: Ritchie Explanation		@				
STREET	1/	total 2	758.00			
CITYSTATEZIP	4 /z PLUG & FLOA	T EQUIPMENT			•	Š
	hvide She	L@ 169.00	169.00	CO ·	Ö	RECEIVED RECEIVED
To Allied Cementing Co., LLC.	Rost collor 1	_@ <i>254.00</i> _@ <i>1800.00</i> _!		CONSERVATION DIVISION WICHITA. KS	CT 3	38 30 30 30 30 30 30 30 30 30 30 30 30 30
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or	Tubolizers 6		408.00	TION D	0 2008	ANON C
contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or		TOTAL 2	969.00	S SOUSINI	8	CIMMIS
contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.	SALES TAX (If Any)			_		SION
Vanual News Coco and	TOTAL CHARGES		<u></u>			
PRINTED NAME A COURT TO THE PRINTED NAME AND THE PRINTED N	DISCOUNTANY APP	IF PAID IN				
SIGNATURE X	WILL BE CHARGED					

REMIT TO P.O. BORUSSI		NSAS 6766	55				SERV	ICE POINT:	edel		
			· · · · · · · · · · · · · · · · · · ·			<u> </u>		Maxie			
DATE 7 26 78	SEC.	385	RANGE 22		CALLED OUT	ON LOC	CATION	JOB START			
Stephensen LEASE	WELL#	4R#1)	LOCATION	Fore	1 Rs	Don't all	LIBA	COUNTY	STATE		
OLD OR (EW) Cir			2E	u.	1-la	The same of the sa					
CONTRACTOR Z	Bereo	dro			OWNER	Retch	عے ف	KJ.			
TYPE OF JOB P	778	T.D.	5/	85	CEMEN'	Т		•			
CASING SIZE	4/2	DEP		184			200	of Asc	5#Kolsan		
TUBING SIZE		DEP			.52	P2-160	¥ 50	rogel As	<i>E</i>		
DRILL PIPE TOOL		DEP DEP									
PRES. MAX			IIMUM		COMMO	N		@			
MEAS. LINE			E JOINT C	21	POZMIX						
CEMENT LEFT IN	CSG.		214		GEL			@			
PERFS.			,		CHLORII			. @	7 70 0 00		
DISPLACEMENT	85		s fresh	Water	ASC		000#	@ <u>18.60</u>			
	EQU	UIPMENT	1		<u>KOI S</u> FK-1		000 =	@ <u>.,89</u> @ <i>/3.30</i>	1250,20		
			1/2 / 5	>	ASF			@ 1.27	635.00		
<u> </u>	CEMENT HELPER	,,,,	ton S			9		@			
# 372 I	HELPER	gree	een 1								
	DRIVER	Lines	* W					@			
BULK TRUCK			,					. @ . @			
#]	DRIVER				HANDLI	NG = 2.5	7	@ 2.40	616.80		
						E 50 X		L.10	1285.00		
0 10	RE	MARKS:	4					TOTAL	8397.00		
Pise on both	Bux 1	maila	te ouni	03/6/5							n 🛇
fresh, 500ge	lmud,	Alush, 35	1/5 flest				SERVIC	CE .) No	0.0 0.008
mir soon	J ASO	5 4/40	seal + .	E FF 16			10.1	<i>i</i>		N	anna.
shut down	ump	wash	2000 x	in-	DEPTH C	OF JOB RUCK CHARC			2295.00	~~ ?	
Lit DA ST	g su	40 bbl	1 + Dle	<u> </u>		OOTAGE	JE	@	2273.00	OK "	Life Taller
lat 6 3	360m	bane	Pluea	Z	MILEAG		50		350.00	CO	I WELL
8363 POK 4	- 800	pri f	pat aid	held	MANIFO	LD		@			
	·				Head	of resital	<i>-</i>	•	113.00		
0	4	بسر ،	-0								
CHARGE TO: 1	elch	ie Enf	<i>f</i>					TOTAL	2758,00		
STREET								TOTAL	<u>a 130100</u>		
CITY	ST	ГАТЕ	ZIP_								
U						PLUG &	FLOAT	EQUIPMEN	T		₹
					45						ANS.
					1- Dju	de shoe		@ <u>169.00</u>		8 ~	85
	_				1- HFU	Latini		@ <i>254.00</i> @68. <i>0</i> 0	408.00	OCT 3 0 2008 CONSERVATION DIVISION WICHITA, KS	ဒ္ဓိသ္က
To Allied Cement					2- Box	Lta		·	338.00	S T	နွို့ 👸
You are hereby re and furnish cemer					1-Port	Coller		@ 1800.a	1800.00	3 0 2008 RVATION DIVISH VICHITA, KS	결빙
contractor to do w					1- plu	STR		@ 62.00	62.00	A 2 2	Z M
done to satisfaction					' (TOTAL	3031.00	NISI S	S S
contractor. I have										2	SSIV
TERMS AND CO					SALES T	AX (If Any)					RECEIVED RECEIVED KANSAS CORPORATION COMMISSION
		, 1	1		TOTAL C	HARGES	A ST	1	9		
PRINTED NAME	ملک	HAN!	15013en	Al -	DISCOU	The		IF PAI	D IN 30 DAYS		
	(1	X			A	NY APPL	ICABL	ETAX			
SIGNATURE 2	180		/_			WILL BE	CHAR	GED			
1	-					TIDONI IN	TTIOTO	TRT479			