STATE CORPORATION COMMISSION OF KANSAS OIL & GAS CONSERVATION DIVISION WELL COMPLETION FORM	API NO. 15- 163-23638-0000 County Rooks
ACO-1 WELL HISTORY DESCRIPTION OF WELL AND LEASE	_ NE - NE - SE sec. 32 Twp. 10S Rge. 20 X
Operator: License # 3273	2290 Feet from SN (circle one) Line of Section
Name: Herman L. Loeb	620 Feet from (E) (circle one) Line of Section
Address P. O. Box 524	Footages Calculated from Nearest Outside Section Corner: NE, SE, NW or SW (circle one)
City/State/Zip Lawrenceville, IL 62439	Lease Name McKenna D Well # 3
Purchaser:	Field Name Trico Producing Formation Arbuckle
Operator Contact Person: George A. Payne	VENTION: Ground 2170 ft KB 2175 ft
0.44	
Contractor: Name: American Eagle FEB 2	у орудорер на <u>3861 ft</u> рвто <u>3861 ft</u>
License: 33493 KCC-W	Amount of Surface Pipe Set and Cemented at $\frac{248}{X}$ Fee Fee Stage Cementing Collar Used? $\frac{X}{X}$ Yes $\frac{X}{X}$
Wellsite Geologist: Tom Pronold	If yes, show depth set 1,678
Designate Type of Completion X New Well Re-Entry Workover	If Alternate II completion, cement circulated from 1,678 ft
Oil X SWDSIOWTemp. Abd.	feet depth to surface w/ 300 sx cm
Gas ENHR SIGW Other (Core, WSW, Expl., Cathodic, etc)	
If Workover:	
Operator:	Chloride content 10,000 ppm Fluid volume 220 bb
Well Name:	Dewatering method used <u>Hauled to SWD</u> .
Comp. Date Old Total Depth	Location of fluid disposal if hauled offsite:
Deepening Re-perf. Conv. to Inj/SWD Plug Back PBTD	Operator Name RGN Company, Inc.
Plug Back PBTD Commingled Docket No. Dual Completion Docket No.	Lease Name Albright #1 SWD License No. 33007
Other (SMD or Inj?) Docket No.	SE Quarter Sec. 36 Twp. 7 S Rng. 18 E/W
8/28/07 9/4/07 11/15/07 Spud Date Date Reached TD Completion Date	County Rooks Docket No. D-21,754
	3330
- Room 2078, Wichita, Kansas 67202, within 120 days of the Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on 12 months if requested in writing and submitted with th months). One copy of all wireline logs and geologist well MUST BE ATTACKED. Submit CP-4 form with all plugged we	be filed with the Kansas Corporation Commission, 130 S. Market spud date, recompletion, workover or conversion of a well. side two of this form will be held confidential for a period of e form (see rule 82-3-107 for confidentiality in excess of 12 report shall be attached with this form. ALL CEMENTING TICKETS lls. Submit CP-111 form with all temporarily abandoned wells.
All requirements of the statutes, rules and regulations promul with and the statements herein are complete and correct to t	gated to regulate the oil and gas industry have been fully complicate he best of my knowledge.
Signature Lunea Ce. Oz	K.C.C. OFFICE USE ONLY
Title Petroleum Engineer Date	F N. Letter of Confidentiality Attached C V Wireline Log Received
Subscribed and sworn to before me this 20 day of FEA	
Notary Public Manney Carlene) Luca	MCC SMD/Rep NGPA KGS Plug Other
Date Commission Expires $4-6-10$	(Specify)
OFFICIAL SEAL"	
DONNA CARLENE LUCAS	Form ACD-1 (7-91)
Notary Public, State of Illinois My Commission Expires: 04/06/10	
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	

SIDE	TVO

Operator Name Herm	an L. Loeb		Lease Name	McKenna D		Well # 3	3
Sec. <u>32</u> Twp. <u>10S</u>	_ Rge. 20	□ _{East} ⊠ _{West}	County Roc	oks			
INSTRUCTIONS: Show interval tested, time hydrostatic pressure if more space is nee	ne tool open a s, bottom hole s	nd closed, flowing temperature, fluid re	and shut-in pres	sures, wheth	her shut-in pre	ssure reac	hed static level,
Drill Stem Tests Tak (Attach Additiona		🛛 Yes 🗌 No	🛚 Log	Formatio	n (Top), Depth	and Datums	Sample
Samples Sent to Geol	•	🛛 Yes 🗌 No	Name		Тор		Datum
Cores Taken		☐ Yes ☒ No	Heebner Toronto		3412 3431		-1237 -1256
Electric Log Run (Submit Copy.)		🛛 Yes 🗌 No	Lansing A Base Kansas Arbuckle	City	3450 3665 3738		-1275 -1490 -1563
List All E.Logs Run: Dual induction, neutro		log cement hand lag				RE	CEIVED
ouar muucuon, neuuo	n-density, inicio	log, cenient bond log				FEE	25 2008
		CASING RECORD	· • · · ·			KCC	MICHITA
	Report a	ll strings set-condu	New D	sed ntermediate,	production, et		30 17-4
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"	23	248 ft	Class A	170	3% CC 2% gel
Production	7 7/8"	5 1/2"	14	3,820 ft	Class A	200	2% gel, 1/4# flake
	ADDITIONAL C	EMENTING/SQUEEZE RE	CORD	<u> </u>	<u> </u>	l	<u> </u>
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used		Type and Percen	t Additive	S
Protect Casing Plug Back TD Plug Off Zone							
Shots Per Foot	PERFORATION Specify Foota	N RECORD - Bridge Pl ge of Each Interval	ugs Set/Type Perforated		Fracture, Shot, d Kind of Mater		ueeze Record Depth
Not perforated	3,820-3,861 ft (open-hole completion	n)	1,000 gal 1	5% HCl acid		3,820-3,861'
TUBING RECORD None	Size	Set At	Packer At	Liner Run	☐ Yes ⊠	No	1
Date of First, Resu		, SWD or Inj. Proc	lucing Method	Lowing Dp.	mping Gas I	ift 🛛 or	her (Explain)
SI pending SWD po Estimated Production Per 24 Hours		Bbls. Gas	Mcf Wate				Gravity
Disposition of Gas:	METHOD O	F COMPLETION	<u> </u>	Pr	oduction Interv	al	
Vented Sold			Hole Perf.		Comp. Comm	singled $\frac{3}{2}$,820-3,861 ft
		- Othe	er (Specify)			_	

Drill Stem Test Summary for KCC ACO-1 Report

Operator:

Herman L. Loeb

Well Name:

McKenna D#3

API#:

15-163-23638-0000

DST #1

Open 13 min, closed 47 min, open 30 min, closed 61 min

Interval tested:

3.744 to 3.761 ft

Formation:

Arbuckle

Initial hydrostatic:

1,904 psi

Initial flow pressure:

41 psi

Initial shut-in pressure:

final flow pressure:

64 psi

48 psi

final shut-in pressure:

64 psi

final hydrostatic:

1,800 psi

bottomhole temperature:

119 deg F

Fluid Recovery:

60' oil cut mud (10% O, 90% M)

60' SOCMW (10% O, 70% W, 20% M)

DST #2

Open 15 min, closed 44 min, open 30 min, closed 57 min

Interval tested;

3,593 to 3,613 ft

Formation:

Arbuckle

1,900 psi

Initial hydrostatic:

Initial flow pressure:

1,087 psi

Initial shut-in pressure:

1,185 psi

final flow pressure:

1,184 psi

final shut-in pressure: final hydrostatic:

1,184 psi

bottomhole temperature:

1,833 psi 120 deg F

Fluid Recovery:

80 ft watery mud

180 ft muddy water 240 ft muddy water

2,040 ft water



24 S. Lincoln Street P.O. Box 31 Russell, KS 67665-2906

Voice:

(785) 483-3887

Fax:

(785) 483-5566

Bill To:

Herman L. Loeb LLC P O Box 838 Lawrenceville, IL 62439 Port Collar

Invoice Number: 111192

Invoice Date: Nov 16, 2007 1

Page:

Custor		Well Name/# or Customer P.0	5.	Paymen	nt Terms
Loe		McKenna #3 SWD	· · · · · · · · · · · · · · · · · · ·		0 Days
Sales F	Rep ID	Camp Location		Service Date	Due Date
		Russell		Nov 16, 2007	12/16/07
Quantity		tem Description		Unit Price	
200.00	MAT	Common Class A		e e e fore a commune e e e e a commune de la commune d	Amount
100.00	MAT	Pozmix		11.1	2,220,00
9.00	MAT	Gel		6.2	
63.00	MAT	Flo Seal		16.6	,
359.00	SER	Handling		2.0	00 126.00
40.00				1.9	90 682.10
	SER	Mileage 359 sx @.09 per sk per mi		32.3	1,292.40
40.00		Port Collar		955.0	
40.00	JLN	Mileage Pump Truck	RECEIVED FEB 25 20 KCC WICK	6.0	
		:	RECEIVE	00	2.0.00
		•	7 5 20	Πġ	
			EFID .		
		. \	a valiC!	ATTA	
		<i>Y</i>	KCC Min.	'	
		a shaf a	11 60	:	
		MACO			
		V 1 12 1			
		12-1-19			
		, :/(0)			
		Mula (69)			

ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 1 1/2% CHARGED THEREAFTER. IF ACCOUNT IS CURRENT, TAKE DISCOUNT OF

\$ 628.53

ONLY IF PAID ON OR BEFORE

Subtotal 6,285.35 Sales Tax Total Invoice Amount 6,285.35 Payment/Credit Applied TOTAL 6,285.35

Dec 16, 2007

568682

42753



Production Casing

Invoice Number: 110010

Invoice Date: Sep 11, 2007 1

Page:

24 S. Lincoln Street P.O. Box 31 Russell, KS 67665-2906

(785) 483-3887 Voice: Fax: (785) 483-5566

Bill To:

Herman Loeb Company

P. O. Box 524

Lawrenceville, IL 62439



Customer ID	Well Name# or Customer P.O.	Payment	Terms
Loeb	McKennad #3	Net 30 Days	
Sales Rep ID	Camp Location	Service Date	Due Date
	Russell	Sep 11, 2007	10/11/07

Quantity	Item	Description	Unit Price	Amount
	MAT	Gel	16.65	66.60
200.00	MAT	ASC Class A	13.75	2,750.00
1,000.00	MAT	WFR-2	1.00	1,000.00
204.00	•	Handling	1.90	387.60
35.00	SER	Mileage 204 sx @.09 per sk per mi	18.36	642.60
	SER	Production String	1,610.00	1,610.00
35.00		Mileage Pump Truck	6.00	210.00
	EQP	AFU Float Shoe	470.00	470.00
	EQP	Centralizers	50.00	400.00
	EQP	Baskets	165.00	330.00
	EQP	Port Collar - Blue	1,750.00	1,750.00
	EQP	Latch Down Assembly	410.00	410.00
	1			
	•			
		:		
	i			
	į			
	!			
	:			

ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 11/2% CHARGED THEREAFTER. IF ACCOUNT IS CURRENT, TAKE DISCOUNT OF

\$ 1002,68

ONLY IF PAID ON OR BEFORE

Oct 11, 2007

TOTAL	10,407.16
Payment/Credit Applied	
Total Invoice Amount	10,407.16
Sales Tax	380.36
Subtotal	10,026.80

ALLIED CEMENTING CO., INC.

25625

REMIT TO P.O. BO RUSSI		NSAS 676	65		SER	VICE POINT: کرا	sell
DATE 9-4-07	SEC. 23	TWP.	RANGE 20	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE Ac Kenna	WELL#	#3	LOCATION Elli's	N to Con	ato line	COUNTY Rooks	STATE
OLDOR NEW (Cir	cle one)		INW	into			
CONTRACTOR &	2m== =	E				_	
TYPE OF JOB	od u bu	00 SE) /	OWNER			
HOLE SIZE 7	1	T.D	- COM	CEMENT			
CASING SIZE グ	1/2 10	-	PTH 3820,14		DERED <u>200</u>	ACC	19.6-1
TUBING SIZE			PTH		WFR-	7/3[4	12.0.27
DRILL PIPE			PTH	1			
100 ь Р. С.		DE	РТН / 79 0'	_			
PRES. MAX /)	22		NIMUM -			_@ /	
MEAS. LINE			0E JOINT 35,15	POZMIX		@	
CEMENT LEFT IN	CSG. 3	5.15'		GEL4	-	@ 76.65	36.6-
PERFS.	~~~		·	_ CHLORIDE _	'		
DISPLACEMENT	92.3	6 66	/	ASC 20	00	_@/3 <i>_</i> 75	2750.
	EQU	JIPMENT	•			_@	
				WFR	1000 691		1000.
PUMPTRUCK C	CEMENT	ER 5/	ane	-			
	IELPER		a Roberts			_	-
BULK TRUCK			· · · · · · · · · · · · · · · · · · ·				
# 37£ [DRIVER	Math					
BULK TRUCK						@	
<u> </u>	DRIVER			- HANDLING	204	_@ <u>/, ⁹°</u>	707 6
					SK/mi/0°	_	642 6
	RE	MARKS:		MICENOL	11/112/0		- 11 - 1
Rat Hole						TOTAL	- 73 40,
				• •	SERVI	CE	
Insert C	5/2	0.99					
7.77	.0/	0 /	Doo Psi	. DEPTH OF JO			
C-GACION	<i>P1</i> 5		•		CHARGE		16/0. =
Flat He	.7.1					_@	- 0
	10	· ·		MILEAGE		@ 6 . ²²	
				- MANIFOLD_		@	
	,						·
CHARGE TO:		/	/			_@	
THARGE 10:	CIMAR	· C0	CP	-			
STREET				<u>.</u>		TOTAL	1820.
~ピエV	er	ATT	ZIP				
"III.	31	ALE	ZIP	-	PLUG & FLOAT	Γ EOUIPMEN	νT
					Float Shor		Umn.
				8.	- 4	@ 50,00	
				2-1616	et Blue	-@ 745.00	7700
To Allied Cementi	na Co. 1	lne		Port	Collar Bli -		1750 \$
			nenting equipment	Catel	dana Assa		4/0.4
and furnish cemen	-		~			<u></u>	
		•	ssist owner or ne above work was			-	
done to satisfaction						TOTAL	3360°
			I the "TERMS AND			IOIAL	
CONDITIONS" lis				TAX		_	
A CHIOING		ye reverse	aide.		~		
Tha	nks !			TOTAL CHAR	JE		
	/			DISCOUNT —		IF PAI	D IN 30 DAYS
	201						
GIGNATURE	///(20		C 4	· Par ne		
			·····	<u> </u>	BRINT	ED NAME	
		_			# 1/1171	いつittle	



Surface Lasina

Invoice Number: 109868

Invoice Date: Aug 30, 2007

Page: 1

24 S. Lincoln Street P.O. Box 31 4122 Russell, KS 67665-2906

Voice: (785) 483-3887

Fax: (785) 483-5566

Bill To:

Herman Loeb Company P. O. Box 524 Lawrenceville, IL 62439

Customer ID	Well Name# or Customer P.O.	Payment Terms		
Lceb	McKenna #3	Net 30 Days		
Sales Rep ID	Camp Location	Service Date	Due Date	
	Russell	Aug 30, 2007	9/29/07	

!	Quantity	Item	Description	Unit Price	Amount
	170.00	MAT	Common Class A	11.10	1,887.00
:	3.00	MAT	Gel	16.65	49.95
i	5.00	MAT	Chloride	46.60	233.00
	178.00	SER	Handling	1.90	338.20
	55.00	SER .	Mileage 178 sx @ 09 per sk per mi	16.02	881.10
	1.00	SER	Surface	815.00	815.00
	55.00	SER	Mileage Pump Truck	6.00	330.00
	1.00	EQP	Surface	60.00	60.00

RECEIVED FE3 25 2008

KCC WICHITA

ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE 1 172% CHARGED. THEREAFTER. IF ACCOUNT 18 CURRENT, TAKE DISCOUNT OF

ONLY IF PAID ON OR BEFORE

Subtotal 4,594.25 Sales Tax 118.19 **Total Invoice Amount** 4,712.44 Payment/Credit Applied TOTAL 4,712.44

- 457.12

41.253.02

Sep 29, 2007

ALLIED CEMENTING (4)., INC.

25636

SERVICE POINT: REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665 Rusell JOB START CALLED OUT ON LOCATION RANGE 28 TWP. LOCATION OLD OP NEW (Circle one) OWNER CONTRACTOR American TYPE OF JOB CEMENT T.D HOLE SIZE AMOUNT ORDERED 170 com 5590cl 2906cl DEPTH 253 CASING SIZE 8 DEPTH TUBING SIZE DRILL PIPE DEPTH DEPTH TOOL COMMON. MINIMUM PRES. MAX POZMIX , SHOE JOINT MEAS, LINE **GEL** CEMENT LEFT IN CSG. CHLORIDE @ PERFS. ASC. DISPLACEMENT 1586 **(**a) **EQUIPMENT** @ @ PUMPTRUCK # 409 CEMENTER Coa's (a) HELPER Adrian @ BULK TRUCK # 378 @ DRIVER @ **BULK TRUCK** @ DRIVER HANDLING @ MILEAGE TOTAL _3389 25 REMARKS: SERVICE DEPTH OF JOB PUMP TRUCK CHARGE **EXTRA FOOTAGE (ii)** MILEAGE @_ MANIFOLD @ ര @ CHARGE TO: HECMAN Lock TOTAL 44500 STREET __ ZIP_ STATE_ PLUG & FLOAT EQUIPMENT @ 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 TOTAL 60000 done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side. TOTAL CHARGE __ DISCOUNT -_____ IF PAID IN 30 DAYS SIGNATURE SIGNATURE PRINTED NAME

ALLIED CEMENTING C2., INC.

26067

REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665 SERVICE POINT: JOB FINISH ON LOCATION JOB START CALLED OUT TWP. RANGE 12:00g.m 11 8011.m 10:00 A.m STATE COUNTY ROOK: Mukennery LOCATION EILIS N to Co. DON NEW (Circle one) CONTRACTOR WILLIAMS **OWNER** TYPE OF JOB Post Coller CEMENT **HOLE SIZE** AMOUNT ORDERED CASING SIZE ら DEPTH # Flores 1 TUBING SIZE DEPTH 50 Cam DRILL PIPE DEPTH USED JELLIE SOCO TOOL P (DEPTH 1628 200 COMMON PRES. MAX MINIMUM 100 POZMIX MEAS, LINE SHOE JOINT GEL CEMENT LEFT IN CSG CHLORIDE PERFS. @ ASC DISPLACEMENT 63 161 @. Flo Seal EQUIPMENT @ CEMENTER Paul **PUMP TRUCK** @ HELPER Adrian 40×1 @ **BULK TRUCK** @ 34.2 DRIVER @ **BULK TRUCK** (a) 215 O DRIVER HANDLING @ SK/m/ 24 MILEAGE _ TOTAL 5090 REMARKS: Presi Lair Opened four broke list. Mixed SERVICE Res 2 jts Revision out **DEPTH OF JOB** PUMP TRUCK CHARGE 955. **EXTRA FOOTAGE** (a) MILEAGE __ 40 @_6 MANIFOLD ... **(a)** CHARGETO: Herman Lock TOTAL 1195. 2 STREET ____ CITY.____STATE___ PLUG & FLOAT EOUIPMENT (a) (a) 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 TOTAL _____ done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side. TOTAL CHARGE _____ DISCOUNT -— IF PAID IN 30 DAYS SIGNATURE Potend My

PRINTED NAME