#### Kansas Corporation Commission Oil & Gas Conservation Division

# Form ACO-1 September 1999 Form Must Be Typed

KCC WICHITA

## WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 33258	API No. 15 - 125-31662-0000
Name: Fred Oden III dba Sabine Operating Services, Inc.	County: Montgomery
Address: 2351 W. Northwest Highway #1203	NW_NE_SE_SE_Sec. 30 Twp. 32 S. R. 14 V East West
City/State/Zip: Dallas, Texas 75220	1,100 feet from (S) / N (circle one) Line of Section
Purchaser: Plains Oil	340 feet from (E) / W (circle one) Line of Section
Operator Contact Person: Eric Oden	Footages Calculated from Nearest Outside Section Corner:
Phone: (903) 283-1094	(circle one) NE SP NW SW
Contractor: Name: Kan-Drill, Inc.	Lease Name: Linn Well #: 1-08
License: 32548	Field Name: Sorghum Hollow
Wellsite Geologist: George E. Petersen	Producing Formation: Arbuckle
Designate Type of Completion:	Elevation: Ground: 840' Kelly Bushing:
New Well Re-Entry Workover	Total Depth: 1683' Plug Back Total Depth:
✓ Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used? ☐ Yes ✔ No
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth setFeet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from
Operator:	feet depth tow/sx cmt.
Well Name:	
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)  AH I NW 9-29-09
Deepening Re-perf Conv. to Enhr./SWD	Chloride content ppm Fluid volume bbls
Plug BackPlug Back Total Depth	Dewatering method used
Commingled Docket No	Location of fluid disposal if hauled offsite:
Dual Completion Docket No	
Other (SWD or Enhr.?) Docket No	Operator Name:
6/19/08 6/24/08	Lease Name: License No.:
Spud Date or Date Reached TD Completion Date or Recompletion Date	Quarter Sec TwpS. R East West
necompletion bate necompletion bate	County: Docket No.:
·	
Kansas 67202, within 120 days of the spud date, recompletion, workove Information of side two of this form will be held confidential for a period of 1	the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, or or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. 2 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 Submit CP-111 form with all temporarily abandoned wells.
All requirements of the statutes, rules and regulations promulgated to regulate nerein are complete and correct to the best of my knowledge.	te the oil and gas industry have been fully complied with and the statements
Signature: Mad Oh	KCC Office Use ONLY
ritle: President Date: 9-08-09	
Date: Date:	Letter of Confidentiality Received
Subscribed and sworn to before me this day of	If Denied, Yes Date:  Wireline Log Received
no eq. In the state of	Wireline Log Received RECEIVED
Notary Public Com S. S. WACEL	UIC Distribution SEP 1 8 2009
	5/3
te Commission Expires:	

JOHN B'STAFFORD
My Commission Expires:
Line 28 2015
Line 29 2015
Lisesiexal

Operator Name: Fred	Oden III dba S	abine Operating Sen	vice: Lease	e Name:.	Linn		Well #: 1-0	08	
Sec. 30 Twp. 32	S. R. 14	East West	Count	y: Mont	gomery				,
tested, time tool open temperature, fluid reco	and closed, flowin	and base of formations and shut-in pressures if gas to surface test, final geological well site	, whether s along with	hut-in pr	essure reached	static level, hydr	ostatic pressu	res, bottom	n hole
Drill Stem Tests Taken (Attach Additional S		Yes No			.og Format	ion (Top), Depth	and Datum	<b>₽</b> S	ample
Samples Sent to Geol	·	✓ Yes   ☐ No		Nam			Top		atum 442
Cores Taken	,	Yes No		Lan:	-		398' 750'		<del>14</del> 2 90
Electric Log Run		✓ Yes No		Osw			939'		00
(Submit Copy)					mit Coal		972'	•	34
List All E. Logs Run:				Miss	sissippi Chat		1362'	-5	24
ILD, CDL				Kinc	lerhook		1619'	-7	80
				Arbu	ıckle		1648'	-8	38
		Report all strings set-	T		ermediate, produc	1			
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Wei		Setting Depth	Type of Cement	# Sacks Used		d Percent ditives
Surface	12.25	8.625	24.		41'	Class A	4700#	100# Ca	a,Gel
Casing	6.75	4.50	10.50		1678	ThickSet	170	Phenos	eal
					į.				
		ADDITIONAL	CEMENTI	NG / SQL	JEEZE RECORD	)			
Purpose: Perforate	Depth Top Bottom	Type of Cement	#Sacks Used			Type and F	Percent Additives	3	
Protect Casing Plug Back TD									
Plug Off Zone									
Shots Per Foot		ON RECORD - Bridge Plug Footage of Each Interval Per				cture, Shot, Cement Count and Kind of Ma		rd	Depth
								RECEI	/ED
		CTILL CONTROL OF THE							
								SEP 1 8	2009
							KC	C WIC	CHITA
TUBING RECORD	Size	Set At	Packer At		Liner Run	Yes 🗹 No			
Date of First, Resumerd P	roduction, SWD or E	nhr. Producing Meth	nod	Flowing	<b>✓</b> Pumpin	g Gas Lift	Othe	er (Explain)	
Estimated Production Per 24 Hours	Oil E	Bbls. Gas	Mcf	Wate	r Bb	ols. G	as-Oil Ratio		Gravity
Disposition of Gas	METHOD OF C	OMPLETION		<del></del>	Production Interv				
Vented Sold [	Used on Lease it ACO-18.)	Open Hole Other (Specil	Perf.	D	ually Comp.	Commingled			

#### Sabine Operating Services, Inc.

2351 W. Northwest Highway, #1203 Dallas, Texas 75220 214 705-3781

September 8, 2009

Ms. Deanna Garrison Kansas Corporation Commission 130 S. Market Room 2078 Wichita, Kansas 67202-3812

Re: Linn 1-08 API# 15-125-31662-00-00

Dear Ms. Garrison:

Enclosed please find Form ACO-1 for the Linn 1-08 located in Montgomery County, Kansas. To date the well only has production casing set, and is awaiting the remainder of the completion attempt. If you have questions please call me at the above number.

Thank you.

Sabine Operating Services, Inc.

Sincerely,

B. Fred Oden, III

President



INVOICE

#### **REMIT TO**

Consolidated Oil Well Services, LLC
Dept. 970
P.O. Box 4346
Houston, TX 77210-4346

MAIN OFFICE P.O. Box 884 Chanute, KS 66720 620/431-9210 • 1-800/467-8676 FAX 620/431-0012

223000

Invoice #

	e Date:	06/26/	'2008 Terms:			₽	age 1
F	SABINE OP P.O. BOX INDEPENDE (972)219-	582 NCE KS	SERVICES 67301		LINN 1-08 17729 06-25-08		
=====	=======	.=====	:========				
Part N	Number		Description		Qty	Unit Price	Total
1126A			THICK SET CEM		170.00	17.0000	2890.00
1107A			PHENOSEAL (M)	•		1.1500	
1110A			KOL SEAL (50#		850.00	.4200	357.00
1118B			PREMIUM GEL /	BENLONTIE			34.00
1123			CITY WATER	DILIC	8400.00	45.0000	117.60 45.00
4404			4 1/2" RUBBER	PLUG	1.00	45.0000	45.00
	Descript	ion			Hours	Unit Price	Total
T-64	WATER TE	RANSPORT	r (CEMENT)		3.00	112.00	336.00
486	MIN. BUL	K DELI	/ERY		1.00	63/.23	637.23
492	CEMENT P	PUMP				925.00	
492	EQUIPMEN	NT MILEA	AGE (ONE WAY)		55.00		
492	CASING F				1678.00		
4K TA	80 BBL \	/ACUUM <sup>*</sup>	TRUCK (CEMENT)		3.00	100.00	300.00
						REC	CEIVED
							1 8 2009
						KCC V	VICHITA

Signed\_\_\_\_\_\_ Date\_\_\_\_\_

.00 Tax:

.00 Total:

.00 Change:

Parts:

Labor:

Sublt:

3581.60 Freight:

.00 Misc:

.00 Supplies:

189.82 AR

.00

6506.00

6506.00



TICKET NUMBER	11123
LOCATION Bayles 110	le
FOREMAN TISA	2011

PO Box 884, Chanute, KS 66720 620-431-9210 or 800-467-8676

### FIELD TICKET & TREATMENT REPORT CEMENT

DATE	CUSTOMER#	WEL	L NAME & NUME	BER	SECTION	TOWNSHIP	RANGE	COUNTY
6-25-08	7886	Linn	1-08					Mg
CUSTOMER			····			ar araco de a		
Sabine				<u>}</u>	TRUCK#	DRIVER	TRUCK#	DRIVER
MAILING ADDR	RESS				492	Tom		
					486	Sem M		
CITY		STATE	ZIP CODE		403 TGY	Samosk		
					Ric	KS SOVEN		54.
JOB TYPE	L, S,	HOLE SIZE	# 3634	HOLE DEPTH	1683	CASING SIZE & W	EIGHT 4//2	
CASING DEPTI	н <u>/678</u>	ORILL PIPE	· · ·	TUBING			OTHER	
SLURRY WEIG	HT 13.8	SLURRY VOL_		WATER gal/s	k	CEMENT LEFT in	CASING	
DISPLACEMEN	ıт <u> 26.7</u>	DISPLACEMEN	T PSI	MIX PSI		RATE		
REMARKS:	Ram 4sts a	fact es	fubhsted c	unculatio	- Ran 1	70 sks of	Thick Set	,
	1. Shut	11 47			7	Pumped o	his Placeme	nt
SEX S		ut down	7 1				,	
							4	
4	T							

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION	of SERVICES or PRODUCT	UNIT PRICE	TOTAL
3401		PUMP CHARGE			92500
5406	55	MILEAGE			200.75
5407	9.65	balk truck			637.23
5402	1678	Footage	RECEIVED		335,60
55016	3 he	teansport	CED 4 9 20	00	336 00
.55026	3 hus	teansport 80 vac	SEP 1 8 20	ha	300,00
			KCC WICH	ΤΛ	
			NOC WICH	17	
1126A	170 sks	Thick Set			2890,00
11079	. /20 <sup>€</sup>	Pheno	*		138.00
4 01/1	8504	Kolseul	*		357,00
d 8111	200#	Gel	*		3400
1123	8400	City Worter	4		117.60
4404	1	4/2 Rubber	Plng +		45.00
			0		
			· · · · · · · · · · · · · · · · · · ·		
			5,3 +	SALES TAX	189.82
avin 3737			123000	ESTIMATED TOTAL	189.82 6506.00
THORIZTION		TITI F	$\alpha(x)$	DATE	•

# CONSOLIDATED OIL WELL SERVICE: IC. P.O. BOX 884, CHANUTE, KS 66720 620-431-9210 OR 800-467-8676

* KET NUM	BER	1.990
LOCATION_	A Company	,
FOREMAN_	XXX XXX	

# TREATMENT REPORT & FIELD TICKET CEMENT

DATE	CUSTOMER#	WE	LL NAME & NUM	BER	SECTION	TOWNSHIP	RANGE	COUNTY
6-18-08	7886	Li	10 /-O	9				
CUSTOMER			· ·	1	Lan Lan 18			
Sanin	سمن				TRUCK#	DRIVER	TRUCK #	DRIVER
MAILING ADDRE	SS				492	1 4 1/6"		
1.		•				Type The g	_	
CITY		STATE	ZIP CODE	]		a-V		
JOB TYPE	Surf	HOLE SIZE	124	HOLE DEPTH	4// 1/2	CASING SIZE & WE	IGHT_	
CASING DEPTH_	<u> </u>	DRILL PIPE		TUBING			OTHER	
SLURRY WEIGH		SLURRY VOL_		WATER gal/sl	<	CEMENT LEFT in C		,
DISPLACEMENT	1.6.5	DISPLACEMEN	IT PSI	MIX PSI		RATE		
REMARKS:	an Uski	the act	established	regret lister	Sur Rom	50 sto of 25	2 caleman	
Ais chare	dead 5	head in	•			A Dir.		
· / / / /	•	•				·		
				· · · · · · · · · · · · · · · · · · ·				
•					. <u>.</u>			AR-1-2-17-12-12-1
A 450	1		·					

ACCOUNT			<del></del>	·
CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54013	./	PUMP CHARGE		725.00
5406		MILEAGE		ST 14
5407		bulk frack		300
5402	est de la	(Chart		7, 7
55026	-16	80 Vac		1000
	-			
1104	4700#	Class A		7/25,00
1102	100#	Calcium	\$	75,00
1107A	80#	Pheno		92000
11186	300 H	Gel		3400
1/23	2520 gul	Cata Illatore		35-,28
		RECEIVED		
		SEP 1 8 2009		
		OE1 1 0 2000		
		KCC WICHITA		
	· · · · · · · · · · · · · · · · · · ·			
	And the state of t	5,3 ×		
			ESTIMATED TOTAL	

#### DEACON GEOLOGY INC. 3223 SW McClure Rd. Topeka, KS 66614-4037 785-272-4383

#### **GEOLOGISTS REPORT**

For

LINN 1-80

NW ¼, NE ¼, SE ¼, SE ¼, (1100 FSL, 340 FEL)

Sec. 30, T32S, R 14E MONTGOMERY COUNTY, KS

JUNE, 2008

By

GEORGE E. PETERSEN L.G., C.P.G.

DEACON GEOLOGY INC

#### **GEOLOGISTS REPORT:**

Linn 1-08

June 19, 2008: Arrived on location at 9:00 A.M. Drlg. out from surface.

June 20, 2008: Shut down for weekend at 1012'.

June 23, 2008: On location 10:00 AM.

June 24: 2008: Released from location at 11:30 PM when logging complete.

ELEVATION: 840 GL, all measurements from ground level.

<b>FORMATION</b>	SAMPLE DEPTH	LOG DEPTH	<b>DATUM</b>	<b>THICKNESS</b>
Layton	310	310	+530	
Lansing	<i>398</i>	<i>398</i>	+442	
Wayside		454	+ <i>386</i>	60'?
Wieser	<i>750</i>	750	+90	48'?
Big Lime	848	<i>850</i>	-10	
Oswego	939	940	-100	
Summit coal	972	974	-134	7'
Mulkey	1000	<b>1000</b>	-160	6'
Miss cht	1362	<i>1364</i> .	-524	48'
Miss Im	1410	1412	-572	208'
Kinderhook (Woo	odford) 1619	1620	-780	28'
Arbuckle	1648	1648	-808	
RTD 1680 LTD	1683			

Sample returns were examined microscopically from a drilled depth of 300 feet to TD for the presence of visible hydrocarbons. Formation tops and intervals for this report were picked from the Compensated Density/Sidewall Neutron Log, sample returns, and the drilling time log.

#### LAYTON:

The Layton which has been a productive sand in Montgomery County was reached at a log top of 310'. Sample returns indicated a very fine grained sand with no odor or stain present in the samples. Log returns indicated a wet interval.

#### LANSING:

The Lansing interval present in this well consisted of thick bedded limestones with thin interbedded shales. There has been no production from this interval in this area.

#### WAYSIDE:

The Wayside sand has produced oil in this area. The fine grained samples from this interval had a very slight show of oil and oil staining along with a slight odor. There was a faint fluorescence noted under black light examination. This interval should be carefully evaluated as to whether a completion of the interval is attempted. There was good porosity indicated on the logs from 454-68', and 486-512'. As there were no water samples available to obtain a representative Rw value, it was not possible to calculate Sw saturation for this sand.

#### WEISER:

The Weiser sand has been a prolific producer of oil and gas in Montgomery County. The samples from this interval consisted of a fine to coarse grained quartz sand that had a very slight show of free oil, slight staining, and a good odor. The log response from 746-50 indicated good Rt values and this warrants further evaluation and a possible completion attempt.

#### **BIG LIME:**

The Big Lime serves as a good marker bed. It is not productive and no further study is warranted for this unit in this well.

#### **OSWEGO:**

The Oswego lime was topped at a log depth of 940' (-100). There was a strong odor of gas present during the drilling of this sequence of limestone and shale beds. There was a very slight show of free oil in pinpoint porosity in the limestone samples from the upper portion of the unit. Porosity breaks between 946 and 968 along with increased Rt values make this a zone of interest and a possible production attempt.

#### **SUMMIT COAL:**

The Summit coal had an approximate thickness of 7' in this well. It was topped at a log depth of 974' (-193). This interval of coal and carbonaceous shale has produced commercial quantities of gas in this area and should be tested.

MULKEY COAL: The Mulkey found at a log depth 1000' (-217), is a commercial producer of gas in this area and should be tested. There was a strong odor of gas around the rig during the drilling of this interval. A test of the zone should be made.

#### **MISS CHAT:**

The Mississippian chat interval is a zone of weathered limestone and chert fragments with intermingled shale. There was a very slight oil show in pinpoint porosity found on many of the weathered chert fragments. There was slight fluorescence from the samples along with a slight odor and slight staining of some of

the fragments. This interval exhibited very high porosity values from 1427-1453. This interval needs to be carefully evaluated as to its potential to produce oil and/or gas.

#### **MISSISSIPPIAN LIME:**

There was a large porosity break in this unit between 1438-1458. The interval from 1438-1450 had above average Rt values and a slight odor was observed from the samples. A heavy black oil and oil residue was noted in pin point porosity in the upper portion of this porosity break.

The remainder of the lower Mississippian section does not warrant further evaluation.

#### KINDERHOOK (WOODFORD):

The Kinderhook known locally and in Oklahoma as the Woodford shale is non productive in this area; however, should an abnormally thick sequence develop, it should be carefully evaluated for gas as this is the section that does produce prolific quantities of gas in Texas, Arkansas and Oklahoma.

#### ARBUCKLE:

The Arbuckle was reached at a log top of 1648' (-808). There was a very slight show of free oil found in calcite veins within the light tan limestone fragments. There was a slight odor along with bright yellow to bluish fluorescence. The logs suggest the porosity is very limited; however the Arbuckle is known to be a fractured limestone and often the fracture porosity is not picked up by the logs.

#### **CONCLUSIONS AND RECOMMENDATIONS:**

After evaluating the logs and correlating with the sample returns, it is recommended that all intervals the have any indication of the presence of hydrocarbons be carefully tested before eventual abandonment of the well. All zones that are tested should save a water sample to allow for Rw values to be determined to allow for log calculations to be made.

#### **DISCLAIMER:**

The author of this report has no working or over riding royalty interest in this well. This report is based on the opinions and observations of the author based on experience gained from many other wells in this area.

Should additional information be required, please contact me.

Respectfully submitted;

RECEIVED SEP 1 8 2009

KCC WICHITA

CERTIFIED PROFESSIONAL GEOLOGIST # 4651 AMERICAL INSTITUTE of PROFESSIONAL GEOLOGISTS