KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 33258
Name: Fred Oden III dba Sabine Operating Services, Inc.
Address: 2351 W. Northwest Highway #1203
City/State/Zip: Dallas, Texas 75220
Purchaser: Plains Oil
Operator Contact Person: Eric Oden
Phone: (903) 283-1094
Contractor: Name: Kan-Drill, Inc.
License: 32548
Wellsite Geologist: George Petersen

Designate Type of Completion:
✔ New Well ____ Re-Entry ____ Workover
____ Oil ____ SWD ____ SIOW ____ Temp. Abd.
____ Gas ____ ENHR ____ SIGW
____ Dry ____ Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:
Operator: ____
Well Name: ____
Original Comp. Date: ____ Original Total Depth: ____
____ Deepening ____ Re-perf. ____ Conv. to Enhr./SWD
____ Plug Back ____ Plug Back Total Depth
____ Commingled Docket No. ____
____ Dual Completion Docket No. ____
____ Other (SWD or Enhr.?) Docket No. ____

06-30-08	07-02-08	7-3-08
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 125-31663-0000
County: Montgomery
NW - NE - SE - SW Sec. 32 Twp. 32 S. R. 14 ☑ East ☐ West
1,000 feet from (S) / N *(circle one)* Line of Section
2,980 feet from (E) / W *(circle one)* Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE (SE) NW SW
Lease Name: Linn Well #: 2-08
Field Name: Sorghum Hollow
Producing Formation: Arbuckle
Elevation: Ground: 859' Kelly Bushing: ____
Total Depth: 1695' Plug Back Total Depth: ____
Amount of Surface Pipe Set and Cemented at 40' Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
If yes, show depth set ____ Feet
If Alternate II completion, cement circulated from 40
feet depth to Ø w/ ____ sx cmt.
Alt 2 - Dlg - 11/3/09

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content ____ ppm Fluid volume ____ bbls
Dewatering method used ____
Location of fluid disposal if hauled offsite:
Operator Name: ____
Lease Name: ____ License No.: ____
Quarter ____ Sec. ____ Twp. ____ S. R. ____ ☐ East ☐ West
County: ____ Docket No.: ____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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~~.

Signature: [signature]
Title: President Date: 10-28-09
Subscribed and sworn to before me this 28th day of October, 2009.
Notary Public: [signature]
Date Commission Expires: 8-9-2013

PEDRO VILLA
NOTARY PUBLIC
STATE OF TEXAS
MY COMMISSION EXPIRES 8-9-2013

KCC Office Use ONLY
N Letter of Confidentiality Received
____ If Denied, Yes ☐ Date: ____
✓ Wireline Log Received
✓ Geologist Report Received
____ UIC Distribution

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Side Two

Operator Name: Fred Oden III dba Sabine Operating Service: Lease Name: Linn Well #: 2-08

Sec. 32 Twp. 32 S. R. 14 ☑ East ☐ West County: Montgomery

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken ☐ Yes ☑ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☑ Yes ☐ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No
(Submit Copy)

List All E. Logs Run:

ILD, CDL

☐ Log Formation (Top), Depth and Datum ☑ Sample

Name	Top	Datum
Lansing	442	+417
Wayside Sand	494	+363
Weiser	768	+93
Summit Coal	992	-94
Mulkey	1018	-159
Mississippi Chat	1388	-531
Mississippi Lime	1428	-573
Arbuckle	1672	-813

CASING RECORD ☑ New ☐ Used
Report all strings set-conductor, surface, intermediate, production, 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	12.25	8.625	24.	40'	Class A	4700#	CCI
Casing	6.75	4.50	10.50	1695			

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose: ___ Perforate ___ Protect Casing ___ Plug Back TD ___ Plug Off Zone	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives

Shots 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

TUBING RECORD Size Set At Packer At

Liner Run ☐ Yes ☑ No

Date of First, Resumerd Production, SWD or Enhr.

Producing Method ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other *(Explain)*

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas METHOD OF COMPLETION Production Interval

☐ Vented ☐ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

☐ Open Hole ☑ Perf. ☐ Dually Comp. ☐ Commingled

☐ Other *(Specify)*

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CONSOLIDATED
Oil Well Services, LLC

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

INVOICE Invoice # 223001

Invoice Date: 06/26/2008 Terms: Page 1

SABINE OPERATING SERVICES
P.O. BOX 582
INDEPENDENCE KS 67301
(972)219-8585

LINN 2-08
17740
06-25-08

Part Number	Description	Qty	Unit Price	Total
1104	CLASS "A" CEMENT	4700.00	.1500	705.00
1102	CALCIUM CHLORIDE (50#)	100.00	.7500	75.00
1107A	PHENOSEAL (M) 40# BAG)	80.00	1.1500	92.00
1118B	PREMIUM GEL / BENTONITE	200.00	.1700	34.00

	Description	Hours	Unit Price	Total
492	CEMENT PUMP (SURFACE)	1.00	725.00	725.00
492	EQUIPMENT MILEAGE (ONE WAY)	55.00	3.65	200.75
492	CASING FOOTAGE	40.00	.20	8.00
518	MIN. BULK DELIVERY	1.00	315.00	315.00
4K TA	80 BBL VACUUM TRUCK (CEMENT)	2.00	100.00	200.00

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Parts:	906.00	Freight:	.00	Tax:	48.03	AR	2402.78
Labor:	.00	Misc:	.00	Total:	2402.78		
Sublt:	.00	Supplies:	.00	Change:	.00		

Signed_____ Date_____

CONSOLIDATED
Oil Well Services, LLC

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

TICKET NUMBER 17740
LOCATION Barbesville
FOREMAN Jason Bell

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
6-25-08	7886	Linn 2-08				Mg

CUSTOMER: Sabine
MAILING ADDRESS:
CITY: STATE: ZIP CODE:

TRUCK #	DRIVER	TRUCK #	DRIVER
492	Jim		
578	James K		
Rocks 80 Vac			

JOB TYPE Surf HOLE SIZE ____ HOLE DEPTH 42 CASING SIZE & WEIGHT 8 5/8
CASING DEPTH 40 DRILL PIPE ____ TUBING ____ OTHER ____
SLURRY WEIGHT ____ SLURRY VOL ____ WATER gal/sk ____ CEMENT LEFT in CASING 10ft
DISPLACEMENT 2bb DISPLACEMENT PSI ____ MIX PSI ____ RATE ____

REMARKS: Established circulation ran 50 sks 2% calcium. Pumped displacement Shut in.

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401S	1	PUMP CHARGE		725.00
5406	55	MILEAGE		200.75
5407	1	Bulk truck		315.00
5402	40	Footage		8.00
5502C	2 hrs	80 Vac		200.00
1104	4700#	Class A		705.00
1102	100#	Calcium		75.00
1107A	80#	Phenoseal		92.00
1118B	200#	Gel		34.00
			5.3% SALES TAX	48.03
			ESTIMATED TOTAL	2402.78

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Revin 3737

AUTHORIZATION ____ TITLE 223001 DATE ____

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

GEOLOGISTS REPORT

For

LINN 2-08

NW ¼, NE ¼, SE ¼, SW ¼,
(1000' FSL, 2980' FEL)

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

API-15-125-31663-00-00

JUNE, 2008

By

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

DEACON GEOLOGY INC

1

GEOLOGISTS REPORT:

Linn 2-08
June 30, 2008: Arrived on location at11:00 A.M. Drlg. At 200'..
July 1, 2008: On location 7 AM , left location at 6:30 PM.
July 2, 2008: Released from location at 10:00 PM when logging complete.

ELEVATION: 859 GL, all measurements from ground level. GPS elevation.

FORMATION	*SAMPLE DEPTH*	*LOG DEPTH*	*DATUM*	*THICKNESS*
Layton		*290*	*+569*	
Lansing	*442*	*442*	*+417*	
Wayside	*494*	*496*	*+363*	*18' ?*
Wieser	*768*	*766*	*+93*	*8' ?*
Big Lime	*860*	*858*	*+ 1*	
Oswego	*952*	*953*	*-94*	
Summit coal	*992*	*990*	*-131*	*5'*
Mulkey	*1018*	*1018*	*-159*	*5'*
Miss cht	*1388*	*1390*	*-531*	*42'*
Miss lm	*1428*	*1432*	*-573*	*207'*
Kinderhook (Woodford)	*1644*	*1640*	*-781*	*32'*
Arbuckle	*1672*	*1672*	*-813*	

RTD 1692 LTD 1695

Sample returns were examined microscopically from a drilled depth of 300 feet to TD for the presence of visible hydrocarbons. Potential pay interval samples were examined under black light. 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 290'. Sample returns indicated a very fine grained sand with a very slight show of free oil but no odor or stain was present in the samples.

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 no visible oil , oil staining or odor. There was good porosity indicated on the logs from 496-512'. 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 no show of free oil, staining, or odor. This interval does not appear to warrant further study in this well.

BIG LIME:

The Big Lime was reached at a log depth of 858' (+1) in this well. Sample returns had a very slight show of free oil, good staining and fluorescence, and had a strong odor. There was a slight rainbow on the pit during the drilling of this interval. The porosity break between 866-74' is worthy of a completion attempt.

OSWEGO:

The Oswego lime was topped at a log depth of 953' (-94). 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 samples from the 960-80 interval. There was a slight to moderate odor present along with good fluorescence and streaming cuts when chlorethane was added to the samples. Some vug ular porosity was noted.

Sample returns from 1000-1010' also had a strong odor, good cut and fluorescence along with a slight show of free oil.

These intervals need to be tested to see if commercial oil production from them is possible. There may also be some gas present in these intervals.

SUMMIT COAL:

The Summit coal had an approximate thickness of 5' in this well. It was topped at a log depth of 990' (-131). 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 1018' (-159), is a commercial producer of gas in this area and should be tested. 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 from1390-1410'. There was a very slight show of free oil along with a faint odor and slight fluorescence. Ther was a very faint odor in the top 10 feet of the unit. This interval needs to be carefully evaluated as to its potential to produce oil and/or gas.

MISSISSIPPIAN LIME:

Although there were a few porosity breaks of significant interest, there were no shows of oil present in the Mississippian lime section.The remainder of the lower Mississippian section does not appear to 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.

There was a strong odor noted in the samples from this section. This section needs to be carefully evaluated at some point as to the potential to produce gas.

ARBUCKLE:

The Arbuckle was reached at a log top of 1672' (-813). 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,

George E. Petersen, L.G., C.P.G.
DEACON GEOLOGY INC.

REGISTERED GEOLOGIST, KS #166 *CERTIFIED PROFESSIONAL GEOLOGIST # 4651*
AMERICAN INSTITUTE of PROFESSIONAL GEOLOGISTS