

ORIGINAL

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form ACO-1

June 2009

Form Must Be Typed

Form must be Signed

All blanks must be Filled

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 33546Name: Earl BengtsonAddress 1: 1030 Merrily CircleAddress 2: 730 N. Santa FeCity: Salina State: Ks Zip: 67401Contact Person: Fred McAdamsPhone: (620-330-7661)CONTRACTOR: License # 5831Name: MocatWellsite Geologist: Earl BengtsonPurchaser: na

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., 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 Conv. to SWD
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

7/5/11 7/15/11 7/15/11

Spud Date or Date Reached TD Completion Date or

Recompletion Date 215 open Recompletion Date

API No. 15 - 019-27049-00-00Spot Description: NE SE NENW. SE - NE Sec. 21 Twp. 34 S. R. 11 East West1500 Feet from North / South Line of Section950 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

 NE NW SE SWCounty: ChautauquaLease Name: Lorenz Well #: Blue-Jack 1Field Name: Peru SedanProducing Formation: WaysideElevation: Ground: na Kelly Bushing: naTotal Depth: 1990 Plug Back Total Depth: 1930Amount of Surface Pipe Set and Cemented at: 40 FeetMultiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: 1980feet depth to: 0 w/ 225 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

KCC Office Use ONLY

 Letter of Confidentiality Received

Date: _____

 Confidential Release Date: _____ Wireline Log Received Geologist Report Received UIC DistributionALT I II III Approved by: Dg Date: 12/29/11

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.

AFFIDAVIT

I am the affiant and I hereby certify that 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: Earl BengtsonTitle: Operator Date: 11-12-2011

Operator Name: Eark Bengtson Lease Name: Lorenz Well #: Blue Blackjack 1
 Sec. 21 Twp. 34 S. R. 11 East West County: Chaurauqua

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 complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Wayside</td> <td>1250</td> <td></td> </tr> <tr> <td>Mississippi chat</td> <td></td> <td>1950</td> </tr> <tr> <td>Mississippi lime</td> <td></td> <td>1960</td> </tr> </table>	Name	Top	Datum	Wayside	1250		Mississippi chat		1950	Mississippi lime		1960
Name	Top	Datum											
Wayside	1250												
Mississippi chat		1950											
Mississippi lime		1960											

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> 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
production	6 3/4	4 1/2	9	1980	class a	225	
surf		8.625		43			

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated		Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth
2	1272	1292	5,000 lbs sand	
			RECEIVED DEC 13 2011 KCC WICHITA	

TUBING RECORD: Size: <u>2 inch</u> Set At: <u>1450</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. <u>waiting on electric</u>		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) <u>waiting on electric</u>	
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls. Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5) (Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>1272 1292</u>
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CONSOLIDATED
Oil & Gas Services, Inc.

TICKET NUMBER 2011
LOCATION Randhouse
FOREMAN Kirk Sanders

PO Box 884, Chanute, KS 68720
520-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
7-15-11		Blank Tank #1	21	34S	11E	KS
CUSTOMER			TRUCK #	DRIVER	TRUCK #	DRIVER
Time Oil			398	Stobart		
MAILING ADDRESS			518	Raven St.		
CITY			4037711	Rob D.		
STATE				Wichita		
ZIP CODE						

JOB TYPE LS HOLE SIZE 6 7/8 HOLE DEPTH _____ CASING SIZE & WEIGHT 4 1/2
 CASING DEPTH 1993' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 12.1 SLURRY VOL 3.58 WATER GRAB 1.43 CEMENT LEFT IN CASING 0
 DISPLACEMENT 31.6 DISPLACEMENT PSI 500 MIX PSI 200 RATE 4.5 bpm

REMARKS: Washed down in joints & ran up to cement. Test circ., ran 225' of cement. inf 10th into 1st Col tank / 25' Plug. Started 1st pump & lost, dropped plug & disp. Shut down & washed up.
Plug failed

* Customer left site & — Cmc Cement to Jack —
 returned in sign Point on location Cashiers Check

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE		475.00
5406	100	MILEAGE		240.00
5407	1	Bulk Tank		230.00
5408	2040'	Footage		172.00
5501	22 1/2 hrs	Transport		350.00
11025	2600'	Cement (Class A)		3200.00
11070	120'	Plug Seal		170.00
11084	1900'	Vol Seal		100.00
1111	1,350'	Consolidated Salt		472.50
1123	3,400 gal	City Water		131.00
4404	1	4 1/2 Rubber Plug		45.00
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			KCC WICHITA	
			Sub Total	7,486.50
			15% Disc.	- 1,122.99
			6% SALES TAX	+ 271.03
			ESTIMATED TOTAL	6,634.54

AUTHORIZATION [Signature] TITLE P.O. Time Oil DATE 7/15/11

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

6-9-2011

Drilling report for ^{Blue} Blackjack #1-
Chautauqua county, Kansas
LEASE - LORENZ

Sec 21 TWP 34S RGE 11E
NW SW NE

1500 FEET FROM NORTH LINE
950 FEET FROM EAST LINE

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Blackjack # 1

Well site geology was done by Earl L. Bengtson.

Well samples were looked at and open hole logs were read to determine which zones were productive.

*Per
Fred
McDowms*
~~7-5-11~~
~~6-5-2011~~ set surface pipe
~~7-15-11~~
~~6-7-2011~~ finish drilling
~~7-15-11~~
~~6-7-2011~~ ran open hole logs

Well tops:

Wayside sand	1260 ft.
Altamont lime	1328 ft.
Pawnee Lime	1454 ft.
Oswego Lime	1542 ft.
Mississippi Lime	1956 ft.

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The following zones were seen as productive according to samples and open hole logs.

Wayside sand

Water saturation 40% very low water saturation for a Wayside sand

Altamont lime

Water saturation 38%

Pawnee Line

Water saturation 32 to 40%

Oswego Lime

Water saturation

38 to 53% see report for more information

Mississippi lime

Water saturation 35%

1956 to 1968 feet

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Mississippi lime top is 1956 Samples were caught from the top of the zone to TD.

There was no petroleum odor in the samples. A total of 60 feet of lime was drilled. Open hole logs show good resistivity and excellent porosity in the top of the zone from 1956-1968. The water saturation is 35%.

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NOTES

DRILLING WITH AN AIR RIG COULD BE THE CAUSE OF THE LACK OF OIL SHOWS IN THE MISSISSIPPI SAMPLES. THE LIME IS HIGHLY FRACTURED IN THIS AREA. THE POROSITY IN THE LIME WOULD BE FRACTURED POROSITY AND CALLED SECONDARY POROSITY. THIS FRACTURED LIME IS THE REASON FOR ALL THE HORIZONTAL DRILLING IN OK.

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