



KANSAS CORPORATION COMMISSION 1091525
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 # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

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 #: _____

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - _____

Spot Description: _____

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

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

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 #: _____

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

County: _____ Permit #: _____

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.

Submitted Electronically

KCC Office Use ONLY

- Letter of Confidentiality Received
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



1091525

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

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 type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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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

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ 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

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed 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
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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 type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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CONSOLIDATED
Oil Well Services, LLC

PO Box 884, Chanute, KS 66720
820-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT
CEMENT

TICKET NUMBER 37532
LOCATION Ottawa KS
FOREMAN Fred Mader

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
7/31/12	1174	Cox # 22	NW 21	20	22	LN

TRUCK #	DRIVER	TRUCK #	DRIVER
506	Fred Mader	Safety Mtg	
369	Art Mcb	ARM	
369	DerMas	D.M.	
548	Mik Hse	M.H.	

CUSTOMER: JTC Drilling A.G. O.I.
MAILING ADDRESS: 300 SE 21st
CITY: Topeka STATE: KS ZIP CODE: 66607
JOB TYPE: Long string HOLE SIZE: 6" HOLE DEPTH: 630' CASING SIZE & WEIGHT: 2 7/8 EUE
CASING DEPTH: 623' DRILL PIPE: _____ TUBING: _____ OTHER: _____
SLURRY WEIGHT: _____ SLURRY VOL: _____ WATER gal/sk: _____ CEMENT LEFT IN CASING: 2 1/2" Plug
DISPLACEMENT: 3.6230 DISPLACEMENT PSI: _____ MIX PSI: _____ RATE: 4 RPM

REMARKS: Establish pump rate. Mix Pump # Gel Flush. Mix Pump
69 sks OWC Cement Cement 80 Surface. Flush pump + lines
clean. Displace 2 1/2" Rubber plug to casing TD. Pressure to
700# PSI. Release pressure to set float valve. Shut in
Casing.

JTC Drilling

Fred Mader

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE		
5406	40 mi	MILEAGE	368	1030 ⁰⁰
5402	623	Casing footage	368	160 ⁰⁰
5407	1/2 Mini mason	Tom Miles		N/C
55022	1 1/2 hr	80 BBL Van Truck	546	175 ⁰⁰
			369	135 ⁰⁰
1126	69	OWC Cement		1257 ²⁰
11150	100 #	Premium Gel.		21 ⁰⁰
4402	1	2 1/2" Rubber plug		28 ⁰⁰
			639	848 ¹
				2931 ⁰¹

Form 3737

AUTHORIZATION: [Signature]

251720

SALES TAX ESTIMATED TOTAL: 848¹
TOTAL: 2931⁰¹

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.

DRILL LOG

Operator License# _____

API 15-107- 24619-00-00

Operator _____

Lease Name Cox

Address _____

Well # 22

Contractor JTC Oil, Inc.

Spud Date 7/24/12 Cement 7/31/12

Contractor License __ 32834

Location _____ of _____

T.D. 636 T.D. of Pipe 623

_____ feet from _____

Surf. Pipe Size 6 1/2 Depth 20 ft

_____ feet from _____

Kind of Well _____

County Linn

Thickness	Strata	From	To	Thickness	Strata	From	To
2	soil	0	2	5	lime	425	430
8	clay	2	10				
2	shale	10	12	11	shale	430	441
11	lime	12	23	2	lime	441	443
36	shale	23	59	6	shale	443	449
1	lime	59	60	3	lime	449	452
11	shale	60	71	33	black shale	452	485
12	lime	71	83	9	lime	485	494
8	shale	83	91	75	shale	494	509
11	lime	91	102	2	lime	509	511
1	shale	102	103	2	shale	511	513

23	mix	103	126	1	lime	513	514
5	black shale	126	131	11	shale	514	525
23	lime	131	154	6	lime	525	531
5	black shale	154	159	19	shale	531	550
10	lime	159	169	1	lime	550	551
4	shale	169	173	13	shale	551	564
8	lime	173	181	1	sandy shale	564	565
118	shale	181	299	1	little sand	565	566
3	lime	299	302	1	little sand	566	567
8	shale	302	310	1	little sand	567	568
1	lime	310	311	1	little sand	568	569
20	shale	311	331	1	little sand	569	570
1	lime	331	332	1	little sand	570	571
8	shale	332	340	1	little sand	571	572
4	lime	340	344	1	little sand	572	573
12	shale	344	356	1	little sand	573	574
14	lime	356	370	1	little sand	574	575
10	shale	370	380	1	little sand	575	576
2	lime	380	382	1	good sand	576	577
47	shale	382	429	1	good sand	577	578
				1	sandy shale	578	579
				1	sandy shale	579	580

1	little sand	580	581
1		581	582
1	little	582	583
1		583	584
1	little	584	585
1	little	585	586
1	sand shale	586	587
1	sand shale	587	588
1	sand shale	588	589
1	sand shale	589	590
1	sand shale	590	591
1	sand shale	591	592
1	sand shale	592	593
1	sand shale	593	594
1	sand shale	594	595
1	little	595	596
1	little	596	597
1	little	597	598
1	good	598	599
1	good	599	600
1	v good	600	601
1	v good	601	602

1	v good	602	603
1	v good	603	604
1	coal	604	605
1	coal	605	606
1	coal	606	607
1	lime	607	608
2	shale	608	610
20	lime	610	630
1	lime	630	631
5	shale	631	636

end