



KANSAS CORPORATION COMMISSION 1075458
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 # 6039
Name: L. D. Drilling, Inc.
Address 1: 7 SW 26TH AVE
Address 2: _____
City: GREAT BEND State: KS Zip: 67530 + 6525
Contact Person: L. D. DAVIS
Phone: (620) 793-3051
CONTRACTOR: License # 32548
Name: Kan-Drill, Inc.
Wellsite Geologist: KIM SHOEMAKER
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 #: _____
03/08/2011 03/25/2011 03/30/2011
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 15-197-20288-00-00
Spot Description: _____
SE NE NE Sec. 4 Twp. 13 S. R. 13 East West
990 Feet from North / South Line of Section
330 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Wabaunsee
Lease Name: ANDREW WENDLAND Well #: 2
Field Name: _____
Producing Formation: NA
Elevation: Ground: 1037 Kelly Bushing: 1035
Total Depth: 2926 Plug Back Total Depth: 2910
Amount of Surface Pipe Set and Cemented at: 300 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: 0 ppm Fluid volume: 0 bbls
Dewatering method used: Evaporated
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: Deanna Gerrick Date: 03/01/2012



1075458

Operator Name: L. D. Drilling, Inc. Lease Name: ANDREW WENDLAND Well #: 2
 Sec. 4 Twp. 13 S. R. 13 East West County: Wabaunsee

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Attached	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum Attached Attached Attached
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CASING RECORD <input checked="" 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
SURFACE	12.25	8.625	24	300	CLASS A	170	2%Gel,2%CC,.5#FloSea
PRODUCTION	7.875	5.5	15.5	2921	OWC	125	5# Kol-Seal

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
4	2859 - 2860'		

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 checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	L. D. Drilling, Inc.
Well Name	ANDREW WENDLAND 2
Doc ID	1075458

All Electric Logs Run

DUAL COMPENSATED POROSITY LOG
DUAL INDUCTION LOG
MICRORESISTIVITY LOG
BOREHOLE COMPENSATED SONIC LOG

Form	ACO1 - Well Completion
Operator	L. D. Drilling, Inc.
Well Name	ANDREW WENDLAND 2
Doc ID	1075458

Tops

LANSING	968	+67
BASE KANSAS CITY	1316	-281
CHEROKEE	1562	-527
MISSISSIPPI	2056	-1021
KINDERHOOK	2410	-1375
HUNTON	2574	-1539
MAQUOKETA	2680	-1645
VIOLA	2757	-1722
SIMPSON	2851	-1816
SIMPSON SAND	2856	-1821



CONSOLIDATED
Oil Well Services, LLC

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

TICKET NUMBER 27383
LOCATION Ottawa KS
FOREMAN Fred Maden

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
3/10/11	4979	Andrew Woodard #2	NE 4	13	13	WB
CUSTOMER LD Drilling Inc			TRUCK #			
MAILING ADDRESS 75W 26th Ave			DRIVER			
CITY Great Bend			TRUCK #			
STATE KS			DRIVER			
ZIP CODE 67530			TRUCK #			
JOB TYPE <u>Surface</u>			DRIVER			
HOLE SIZE <u>12 1/4</u>			TRUCK #			
HOLE DEPTH <u>312</u>			DRIVER			
CASING SIZE & WEIGHT <u>8 7/8</u>			TRUCK #			
CASING DEPTH <u>300'</u>			DRIVER			
SLURRY WEIGHT			TRUCK #			
SLURRY VOL			DRIVER			
WATER gal/sk			TRUCK #			
CEMENT LEFT IN CASING <u>10'</u>			DRIVER			
DISPLACEMENT <u>18 BBL</u>			TRUCK #			
DISPLACEMENT PSI			DRIVER			
MIX PSI			TRUCK #			
RATE <u>4 BPM</u>			DRIVER			
REMARKS: Establish circulation. Pump 8 BALS Flush. Mix + Pump 170 sks Class A Cement 2% Gel 2% Calcium Chloride + 1/2 Flo-seal/sk. Displace 8 7/8" Casing clean w/ 18 BBL Fresh Water. Shut in Casing - Circulated app. 10' BAL slurry to pit.						

LD Drilling
Driller Supplied Water
Fred Maden

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	1	PUMP CHARGE <u>Surface</u>		775 ⁰⁰
5406	65 mi	MILEAGE		260 ⁰⁰
5402	300'	Casing Footage		N/A
5407	583.91	Ten Miles		735 ²³
11045	170	Class A Cement	14.95	2422 ⁵⁰
1115B	320 ⁰⁰	Premium Gel	67.00	21440 ⁰⁰
1102	320 ⁰⁰	Calcium Chloride		224 ⁰⁰
1107	85 ⁰⁰	Flo Seal		188 ²⁰
LD # 239932				
			7.8%	SALES TAX
				ESTIMATED TOTAL
				4896 ⁰³

Revin 3757

AUTHORIZATION  TITLE _____ DATE _____

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.



CONSOLIDATED
Oil Well Services, LLC

ENTERED

TICKET NUMBER 30334

LOCATION Euclid, KS

FOREMAN Rick Ledford

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

FIELD TICKET & TREATMENT REPORT

CEMENT

API # 15-197-26288-00-00

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
3-25-11	4919	Andrew Woodland #2	4	13	13E	Butler
CUSTOMER <u>L.O. Drilling Inc.</u>						
MAILING ADDRESS <u>7 SW 26th Ave</u>						
CITY <u>Great Bend</u>						
STATE <u>KS</u>						
ZIP CODE <u>67530</u>						
TRUCK #	DRIVER	TRUCK #	DRIVER			
520	John					
515	Allen B.					
437	Steve M. (Ledford)					

JOB TYPE logstring 0 HOLE SIZE 7 7/8" HOLE DEPTH 2926' CASING SIZE & WEIGHT 5 1/2" 17"
 CASING DEPTH 2921' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 13.6* SLURRY VOL 34 bbl WATER gal/sk 8.0 CEMENT LEFT IN CASING 0'
 DISPLACEMENT 6.7 3/4 bbl DISPLACEMENT PSI 700 MAX PSI 1100 Bump plug RATE 8 bbl displacement

REMARKS: Safety meeting - Rig up to 5 1/2" casing. Break circulation w/ 10 bbl fresh water.
Pump 10 bbl caustic soda pre-flush. 5 bbl water spacer. Mixed 125 sks OWC cement
w/ 5° Katsmi/sk @ 13.6°/gal. yield 1.52. Washout pump + lines, release 5 1/2" rubber plug.
Displace w/ 6.7 3/4 bbl fresh water. Final pump pressure 700 PSI. Bump plug to 1100 PSI.
release pressure, float + plug hold. Good circulation @ all times while cementing + displacement
of plug. Job complete. Rig down.

"Thank You"

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	975.00	975.00
5406	6.5	MILEAGE	4.00	26.00
1126	125 sks	OWC cement	17.90	2237.50
110A	6.25*	5° Katsmi/sk	.44	2.75
1103	100*	caustic soda pre-flush	1.52	152.00
5407A	6.5	ten mileage back truck	1.26	8.19
5502C	6 hrs	80 bbl VAC. TRK	90.00	540.00
1123	3000 gals	city water	15.60/1000	46.80
4406	1	5 1/2" top rubber plug	70.00	70.00
			Subtotal	5078.15
			SALES TAX 7.8%	216.95
			ESTIMATED TOTAL	5305.10

Revin 8737

[Signature]

840543

AUTHORIZATION _____ TITLE _____ DATE _____

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.

REPORT

L. O. DRILLING, INC.
 # 2 ANDREW MENDLAND

WILBART

SE NE NE 990' FILL & 330' FEL

135 136

4

WABAUSEE

KAN CAS

KAN DRILL

3-8-11

3-25-11

2926

2933

CHEMICAL

DRILL 1035 GL.
 1035 GL.
 1035 GL.

MOLECULAR SILENT
 FITZGERALD STRIERS
 Dual Tab, Des-N, Micro
 Semic

900 2926
 900 2926
 900 2926

George Petersen, Vice President, KIM SUBMARINER

LANSING 966-667
 B/KC 1316-281
 CHEROKEE 1566-529
 MISSISSIPPI 2066-1021
 KUMBERBORG 2410-1575
 HUNTON 2674-1539
 MAOROKETA 2680-1445
 VIOLA 2757-1722
 SIMPSON 2851-1816
 SIMPSON SAND 2854-1821

REMARKS
 APIE 15-197, 20288
 KAN DRILL: Drilled Daylights Only
 CID 00000000

LEGEND



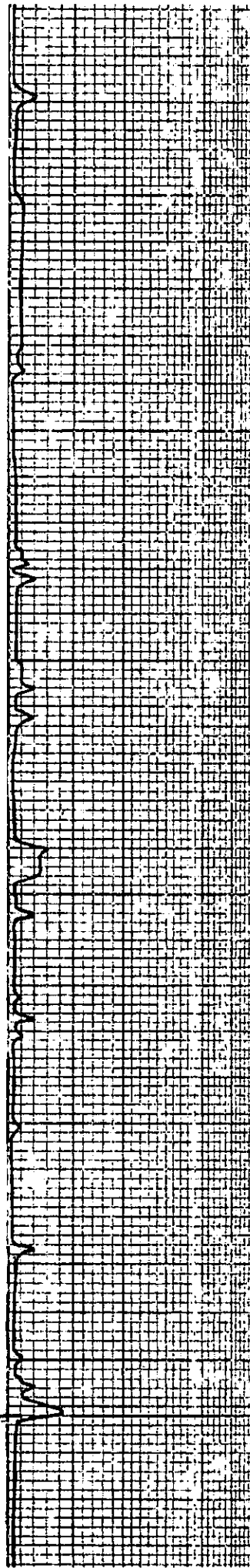
LITHOLOGY	DRILLING TIME IN MIN. PER FOOT Rate of Penetration Increases					SAMPLE DESCRIPTIONS	REMARKS
	DEPTH	5"	10"	15"	20"		
920						Samples not logged	
						sh. 100, silty, 31, 30.0% of the soil.	
						LANSING 966-667	
						sh. 100, silty, 15. 60% of the soil.	



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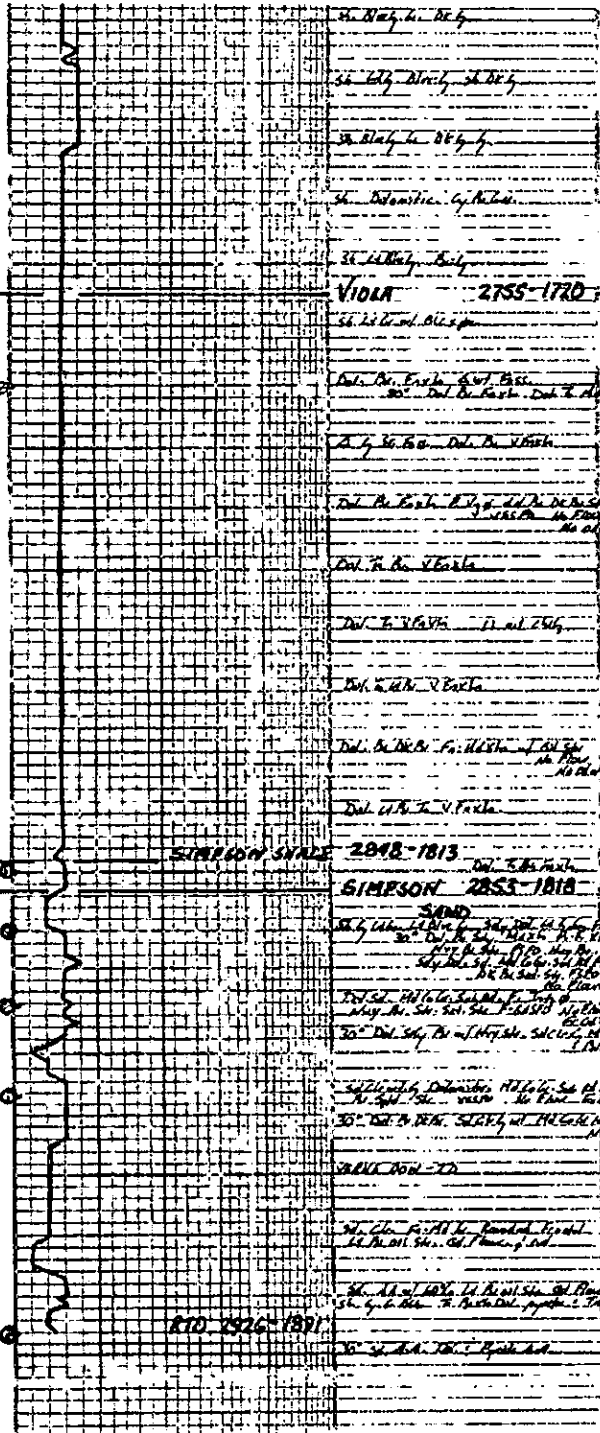
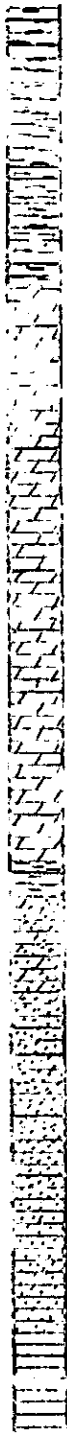
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