

original

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
September 1999  
Form Must Be Typed

CONFIDENTIAL

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 33240  
Name: Wolverine Environmental Production, LLC  
Address: 1 Riverfront Plaza, 55 Campau NW  
City/State/Zip: Grand Rapids, MI 49503  
Purchaser: to be determined  
Operator Contact Person: Richard Moritz  
Phone: (616) 458-1150 ext 119  
Contractor: Name: McGown Drilling, Inc  
License: 5786  
Wellsite Geologist: Chris Ryan

RECEIVED  
SEP 17 2003  
KCC WICHITA

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

KCC  
SEP 17 2003

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. \_\_\_\_\_

6/9/03 6/12/03 7/31/03  
Spud Date or 6/12/03 Date Reached TD 7/31/03 Completion Date or  
Recompletion Date Recompletion Date

API No. 15 - 111-20420-0000  
County: Lyon  
E2 SW SE SW Sec. 29 Twp. 15 S. R. 12  East  West  
555 FSL feet from S N (circle one) Line of Section  
1825 FWL feet from E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Coulter Well #: D2-29

Field Name: Wildcat  
Producing Formation: Cherokee (Excello, Vshale, Mineral, Aw, Dw, Riverton)  
Elevation: Ground: 1258 Kelly Bushing: NA  
Total Depth: 2302 Plug Back Total Depth: 2259

Amount of Surface Pipe Set and Cemented at 116 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.

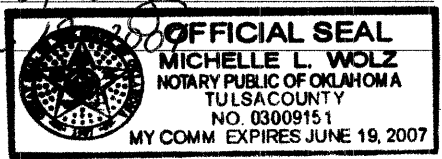
Drilling Fluid Management Plan  
(Data must be collected from the Reserve Pit) ALT I W HM 2-13-07  
Chloride content 800 ppm Fluid volume 1300 bbls  
Dewatering method used evaporation

Location of fluid disposal if hauled offsite:  
Operator Name: NA  
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: Steven R. Harsh - EXACT Engrg INC.  
Title: Agent - Consultant Date: 9/14/03  
Subscribed and sworn to before me this 14th day of September,  
20 03.  
Notary Public: Michelle L. Wolz  
Date Commission Expires: June 19, 2007



**KCC Office Use ONLY**  
 Letter of Confidentiality Attached  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

✓

X

CONFIDENTIAL

Side Two

KCC  
SEP 17 2003

ORIGINAL

Operator Name: Wolverine Environmental Production, LLC Lease Name: Coulter Well #: D2-29  
Sec. 29 Twp. 15 S. R. 12  East  West County: Lyon

**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:

Spectral Density-Neutron; HR Ind; Spectral GR

Log Formation (Top), Depth and Datum  Sample  
Name Top Datum  
Base KC 1543 GL  
Cherokee 1796 GL  
Mississippi 2224 GL

RECEIVED  
SEP 17 2003  
KCC WICHITA

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	# Sacs Used	Type and Percent Additives
Surface	12.25	8.625	23 M50	116	Portland "A"	75	3%cc,2%gel,1/4 floseal
Production	7.875	5.500	15.5 J55	2298	"OWC" Thix	125	1/4 floseal

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 (Amount and Kind of Material Used)	Depth
4 jpf - 5 holes	Excello	1793.5 - 1794.5	none	
4 jpf - 5 holes	V Shale	1890.5 - 1891.5	none	
4 jpf - 5 holes	Mineral	1930.0 - 1931.0	none	
4 jpf - 5 holes	Aw	2133.5 - 2134.5	none	
4 jpf - 5 holes	Dw	2160.5 - 2161.5	none// 4jpf U.Riverton, 2174.5-2175.5, none	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2.375	2243	none	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumerd Production, SWD or Enhr.	Producing Method			
8/21/03 (swab)	<input type="checkbox"/> Flowing	<input type="checkbox"/> Pumping	<input type="checkbox"/> Gas Lift	<input checked="" type="checkbox"/> Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	0	0	.75		

Disposition of Gas  Vented  Sold  Used on Lease (If vented, Submit ACO-18.)  
METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  
Production Interval  Other (Specify)



**CONFIDENTIAL**  
**United Cementing and Acid Co., Inc.**

KCC

SEP 17 2003

**SERVICE TICKET**

**ORIGINAL 1710**

Oil Well Cementing & Acidizing  
 (316) 321-4680 • 800-794-0187 • FAX (316) 321-4720  
 2510 West 6th Street • El Dorado, KS 67042

**CONFIDENTIAL**

DATE 6-9-03

COUNTY Lyon

CHARGE TO Wolverine Environmental Prod. LLC.

ADDRESS \_\_\_\_\_ CITY \_\_\_\_\_ ST \_\_\_\_\_ ZIP \_\_\_\_\_

LEASE & WELL NO. Coulter Well #02-29 SEC. 29 TWP. S5 RNG. 12 East

CONTRACTOR \_\_\_\_\_ TIME ON LOCATION \_\_\_\_\_

KIND OF JOB Surface OLD  NEW

Quantity	MATERIAL USED	Serv. Charge	
755x	Class A	482.00	482.00
35x	calcium chloride	78.30	78.30
	19 lbs. Flo-seal	23.75	23.75
79.5x	BULK CHARGE	77.42	77.42
65	BULK TRK. MILES		<del>205.12</del>
65	PUMP TRK. MILES		133.25
	PLUGS		
	SALES TAX		50.70
	TOTAL		1472.95

RECEIVED  
 SEP 17 2003  
 KCC WICHITA

T.D. 117

CSG. SET AT 115 VOLUME \_\_\_\_\_

SIZE HOLE 12 1/4

TBG SET AT \_\_\_\_\_ VOLUME \_\_\_\_\_

MAX. PRESS. \_\_\_\_\_

SIZE PIPE 8 3/8

PLUG DEPTH \_\_\_\_\_

PKER DEPTH \_\_\_\_\_

PLUG USED \_\_\_\_\_

TIME FINISHED 3:00

REMARKS: Run 8 3/8 to 115 ft Break circulation, mix pump 750x  
 A 3% CC, Disp. Cement to 95 ft and shut in. Cement did  
 circulate in cellar.

Justin Rappell  
 Auvarado

**EQUIPMENT USED**

NAME	UNIT NO.	NAME	UNIT NO.
<u>Chet Johnson P-14</u>		<u>Greg Smith B-3</u>	
<u>James R. Johnson</u>		<u>Eric Hadd</u>	
CEMENTER OR TREATER		OWNER'S REP.	

EXAT 095 913.599.980  
 10/10/03

CONFIDENTIAL

KCC  
SEP 17 2003

ORIGINAL

CONSOLIDATED OIL WELL SERVICES, INC.  
211 W. 14TH STREET, CHANUTE, KS 66720  
620-431-9210 OR 800-467-8676

TREATMENT REPORT

RECEIVED  
SEP 17 2003  
KCC WICHITA

TICKET NUMBER 23085  
LOCATION Attawa, KS  
FOREMAN Jim Green

DATE	CUSTOMER ACCT #	WELL NAME	QTR/QTR	SECTION	TWP	RGE	COUNTY	FORMATION
6-13-03		Coulter #02-295WSESU		29	15	12	LV	
CHARGE TO <u>Wolverine Environmental</u>				OWNER				
MAILING ADDRESS <u>One River Front Plaza 55 comp</u>				OPERATOR <u>Steve Hash</u>				
CITY <u>Grand Rapids</u>				CONTRACTOR <u>McGowan Drilling</u>				
STATE <u>MI</u>		ZIP CODE <u>49503-2616</u>		DISTANCE TO LOCATION <u>55</u>				
TIME ARRIVED ON LOCATION <u>7:00 AM</u>				TIME LEFT LOCATION <u>10:00 AM</u>				

WELL DATA	
HOLE SIZE	<u>7 7/8"</u>
TOTAL DEPTH	<u>2302</u>
CASING SIZE	<u>2298" Insert 2258"</u>
CASING DEPTH	<u>5 1/2"</u>
CASING WEIGHT	
CASING CONDITION	
TUBING SIZE	
TUBING DEPTH	
TUBING WEIGHT	
TUBING CONDITION	
PACKER DEPTH	
PERFORATIONS	
SHOTS/FT	
OPEN HOLE	
TREATMENT VIA	

TYPE OF TREATMENT	
<input type="checkbox"/> SURFACE PIPE	<input type="checkbox"/> ACID BREAKDOWN
<input checked="" type="checkbox"/> PRODUCTION CASING	<input type="checkbox"/> ACID STIMULATION
<input type="checkbox"/> SQUEEZE CEMENT	<input type="checkbox"/> ACID SPOTTING
<input type="checkbox"/> PLUG & ABANDON	<input type="checkbox"/> FRAC
<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> FRAC + NITROGEN
<input type="checkbox"/> MISC PUMP	<input type="checkbox"/> FOAM FRAC
<input type="checkbox"/> OTHER	<input type="checkbox"/> NITROGEN

PRESSURE LIMITATIONS		
	THEORETICAL	INSTRUCTED
SURFACE PIPE		
ANNULUS LONG STRING		
TUBING		

INSTRUCTION PRIOR TO JOB Cement one well  
389 PH 56, 368 PTB2, 122 BT ML

JOB SUMMARY

DESCRIPTION OF JOB EVENTS Establish circulation with clean H2O, Mixed and pumped 20 bbls Mud Flush. Followed with 25 sm scavenger cement. Mixed and pumped 125 sm tail cement (OWC) at 14.5" yield at 1.44. Flush pump clear of cement. Pump 52" rubber plug to total depth of casing. Pressure up to 1000 PSI well held good. Release pressure, Flapper valve Held. OWC Cement with 1/4" F10-Seal

PRESSURE SUMMARY	
BREAKDOWN or CIRCULATING	psi
FINAL DISPLACEMENT	psi
ANNULUS	psi
MAXIMUM	psi
MINIMUM	psi
AVERAGE	psi
ISIP	psi
5 MIN SIP	psi
15 MIN SIP	psi

TREATMENT RATE	
BREAKDOWN BPM	
INITIAL BPM	
FINAL BPM	
MINIMUM BPM	
MAXIMUM BPM	
AVERAGE BPM	

AUTHORIZATION TO PROCEED Steve Hash TITLE EXACT 218.552.9801 DATE 6/13/03

ALL THE TERMS AND CONDITIONS STATED ON THE REVERSE SIDE ARE INCORPORATED AS PART OF THIS SALE.

CONFIDENTIAL

KCC

ORIGINAL



CONSOLIDATED  
OIL WELL  
SERVICES  
AN INFINITY COMPANY

SEP 17 2003

CONFIDENTIAL

TICKET NUMBER 19330

LOCATION Ottawa, KS

211 W. 14TH STREET, CHANUTE, KS 66720  
620-431-9210 OR 800-467-8676

FIELD TICKET

DATE	CUSTOMER ACCT #	WELL NAME	QTR/QTR	SECTION	TWP	RGE	COUNTY	FORMATION
6-13-03		Coulter D2-29 SWSE 29		29	15	12	LY	
CHARGE TO		Wolverine Environmental		OWNER				
MAILING ADDRESS		One River Front Plaza		OPERATOR Steve Hash				
CITY & STATE		Grand Rapids, MI, 49503		CONTRACTOR McGown Drilling				

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	UNIT PRICE	TOTAL AMOUNT
5401	One	PUMP CHARGE Cement One Well		525. <sup>00</sup>
5402	2298'	Casing footage		N/C
1238	2 gals	Mud Flush		60. <sup>00</sup>
4417	One	5 1/2" Rubber Plug		61. <sup>50</sup>
1107	1 1/2 SK	F10-Seal		56. <sup>63</sup>
RECEIVED SEP 17 2003 KCC WICHITA				
BLENDING & HANDLING				
5407	55	TON-MILES		209. <sup>00</sup>
STAND BY TIME				
MILEAGE				
WATER TRANSPORTS				
VACUUM TRUCKS Own H2O				
FRAC SAND				
1126	150 SKS	CEMENT OWC		1650. <sup>00</sup>
				6.8% SALES TAX
				120. <sup>23</sup>
ESTIMATED TOTAL				2682. <sup>36</sup>

Ravin 2790

CUSTOMER or AGENTS SIGNATURE Steve Hash CIS FOREMAN Jim Green

EXACT (918) 599-9801

CUSTOMER or AGENT (PLEASE PRINT) \_\_\_\_\_ DATE 6-13-03