

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 # 33785
Name: Energy Operations Kansas, LP
Address: 9393 West 110th St., Ste 500
City/State/Zip: Overland Park, KS 66210
Purchaser: SemCrude
Operator Contact Person: Gary L. Miller
Phone: (918) 398-9976
Contractor: Name: Warrick Drilling LLC
License: 33719
Wellsite Geologist: George Alcorn

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW 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. _____

<u>8/06/2006</u>	<u>9/02/2006</u>	<u>10/02/2006</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 069-20292-0000
County: Gray
NE NW SE Sec. 15 Twp. 29 S. R. 30 East West
2310 feet from S / N (circle one) Line of Section
1650 feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Copeland Well #: 1-15
Field Name: Wildcat

Producing Formation: St. Genevieve
Elevation: Ground: 2793 Kelly Bushing: 2803
Total Depth: 5642 Plug Back Total Depth: 5516
Amount of Surface Pipe Set and Cemented at 1747 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 3753 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) ALTI NAM
3-7-07
Chloride content 1,484 ppm Fluid volume 11,500 bbls
Dewatering method used evaporate

Location of fluid disposal if hauled offsite:
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

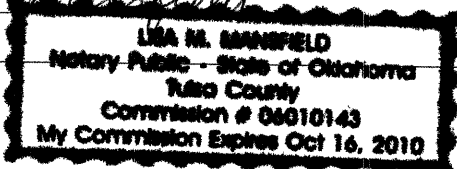
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side 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: _____
Title: Operations Manager Date: 11/16/2006

Subscribed and sworn to before me this 20 day of December,
2006.

Notary Public: Lisa M. Mansfield
Date Commission Expires: _____



KCC Office Use ONLY

Letter of Confidentiality Received
If Denied, Yes Date: _____

Wireline Log Received

Geologist Report Received

UIC Distribution

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Operator Name: Energy Operations Kansas, LP Lease Name: Copeland Well #: 1-15
 Sec. 15 Twp. 29 S. R. 30 East West County: Gray

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:

HRI, SDL/DSN, MICROLOG, LSS

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Chase Group	2682	KB
Council Grove	3032	
Neva	3175	
Topeka	3766	
Lansing Group	4260	
Morrow	5074	
St. Genevieve	5352	
St. Louis	5504	

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 1/4	9 5/8	36	1747	ACON	410	3%cc1
Production	8 3/4	5 1/2	15.5	5640	50/50 poz	900	5%kcl

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 (Amount and Kind of Material Used)	Depth
4	5352-5360	1000g 15% fehcl + 48 bs	5352-5360
		3000g gelled 15% fehcl +48 bs	

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 7/8	5381	n/a	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. 10/20/2006 first POP		Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	20	0	0	n/a	40

Disposition of Gas Vented Sold Used on Lease (If vented, Submit ACO-18.)

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify)

Production Interval

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LEON'S DST, INC.

Ticket No. 731

Field Report

Date 8-15-06

Purchase Order No. _____

Company ENERGY OPERATION KANSAS LP

Lease Overland Well No. 1-15 County GRAY State KS No. Copies _____

Legal Description SW SW SW 10-29S-30W

Mail Invoice To 9393 W 110th ST STE 500 OVERLAND PARK KS 66210

Mail Test Reports To _____

Test No. 1 Interval Tested 2721 to 2732 Total Depth 2732
 Information Tested Elevation _____ Effective Pay 9 Tool Length 42 Above Packer 33
 J.P. Length 2129 I.D. 3.8 D.C. Length 561 I.D. 2 1/4 W.P. Length _____ I.D. _____
 Tool Plugged NO Failed to get to Bottom NO Packer Held YES Packer Size 7 3/4 No. of Packers 2
 Sampler YES Conventional Test YES Straddle Test NO Jars YES Safety Joint YES
 Circulating Sub YES Reversed Out NO Hook Wall Test NO Hole Size 8 3/4 Misrun NO

SURFACE BLOW DATA

	Time	Minutes
Open Tool for Initial Blow <u>VERY WEAK ON TOP of WATER -</u>	at <u>11:30 A</u>	for <u>15</u>
Close for Initial Shut-in <u>Blow died in 1 min.</u>	at <u>11:45</u>	for <u>60</u>
Re-open Tool for Final Blow <u>Few bubbles for 4 min + died.</u>	at <u>12:45</u>	for <u>60</u>
Close for Final Shut-in	at <u>1:45</u>	for <u>120</u>
Pulled Packer Loose	at <u>3:45 P.M.</u>	

PRESSURE DATA

Initial Hydrostatic 1354 psi
 Initial Flow 27 to 38 psi
 Initial Shut-in 661 psi
 Final Flow 38 to 67 psi
 Final Shut-in 577 psi
 Final Hydrostatic 1353 psi

Feet	Recovery Description	% Oil	Gravity	% Water	Chlorides ppm	Resistivity	Temperature
<u>600</u>	<u>SALT WATER</u>				<u>51.853</u>		
Total Recovery		Bottom Hole Temperature					

Inside Recorder No. 30105 Capacity 6000 Depth 2711 Clock Hr. 24
 Outside Recorder No. 110106 Capacity 6200 Depth 2729 Clock Hr. 12
 Straddle Recorder No. _____ Capacity _____ Depth _____ Clock Hr. _____

Drilling Cont. WARRICK Rig No. 118 D.P. Joint XH D.C. Joint XH Tool Pusher _____
 Pit Mud CHEMICAL Mud Weight 9 Viscosity 36 Water Loss 24 Chlorides 27,000

SAMPLER DATA Pressure _____ Recovery: _____ c.c. Gas _____ c.c. Oil _____ Gravity _____
 c.c. Saltwater _____ Chlorides _____ Resistivity _____ c.c. Mud _____ Oil/Gas Ratio _____

Remarks: _____

LEON'S DST shall not be held liable for damage of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained directly or indirectly through the use of its equipment or its statements or opinions concerning the results of any test. Tools lost or damaged in the hole shall be paid at cost by the part for whom the test is made.

Test Approved By: [Signature] KANSAS CORPORATION COMMISSION DEC 21 2006 Tester: [Signature]

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SUNADA
TECHNOLOGY

Subsurface Pressure Measurement

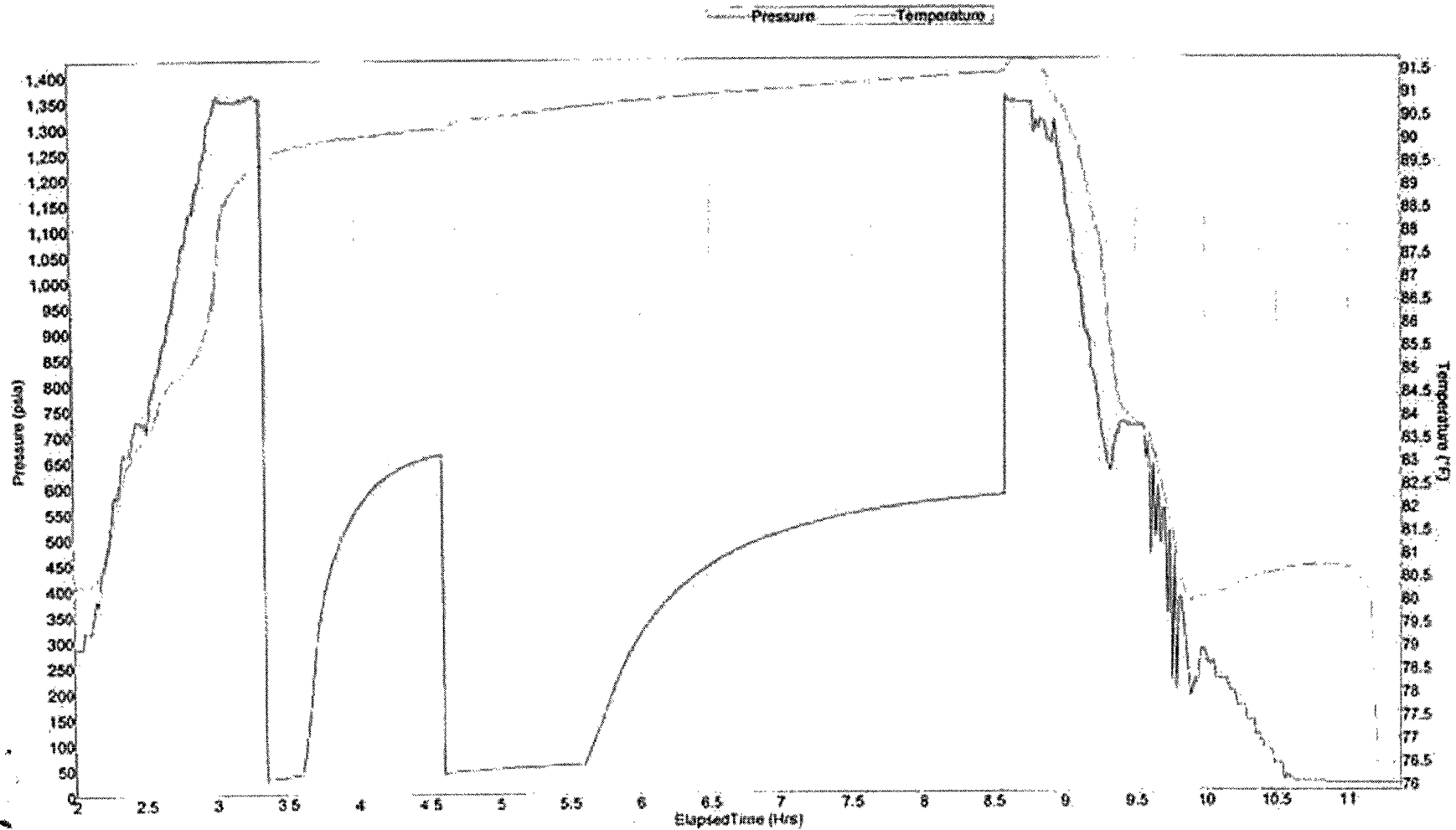
BASIC DATA

Company:	Energy Operation Kansas
Well Name:	Copeland 1-15
Well LSD:	Sec 10/29S/30W Gray Co., Ks
Recorder:	30105
Model No.:	STC1808
Battery Usage :	0.00316 Ah

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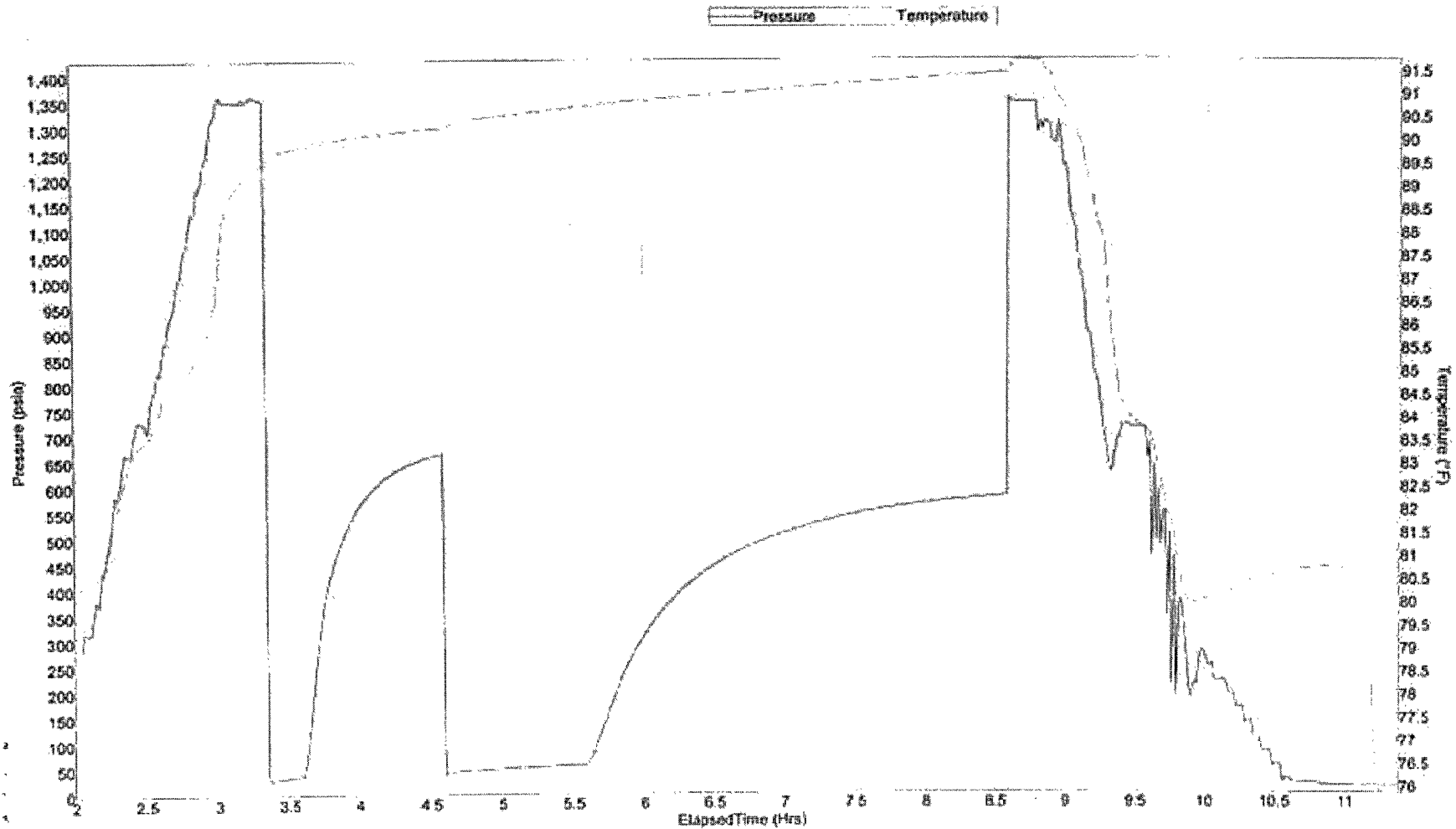
SUNADA
TECHNOLOGY

Subsurface Pressure Measurement

BASIC DATA

Company:	Energy Operation Kansas
Well Name:	Copeland 1-15
Well LSD:	Sec 10/29S/30W Gray Co.,Ks
Recorder:	30105
Model No.:	STC1808
Battery Usage:	0.00316 Ahr

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TREATMENT REPORT

Customer Energy Operations of Oklahoma		Lease No.	Date	
Lease <i>Corland</i>		Well # <i>1-15</i>	<i>8-9-06</i>	
Field Order # <i>12844</i>	Station <i>Liberal</i>	Casing <i>2 5/8"</i>	Depth <i>1740.77</i>	County <i>Comch</i> State <i>KS</i>
Type Job <i>9 5/8" Surface</i>		(NW) Formation	Legal Description <i>15-295-37E</i>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size <i>4 3/4"</i>	Tubing Size	Shots/Ft		Acid <i>310 sk ACon - 3%</i>	RATE <i>CC - 1/2 @ 11.4 gpm</i>	PRESS	ISIP
Depth <i>1740.77</i>	Depth	From	To	Pre Pad # <i>11.4</i>	Max <i>19.2 gpm</i>		5 Min.
Volume	Volume	From	To	Pad <i>100 sk Class A - 2%</i>	Avg <i>15.0 gpm</i>		10 Min.
Max Press	Max Press	From	To	Frac <i>144# - 1.33 @ 2.2</i>			15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush <i>Water</i>	Gas Volume		Total Load

Customer Representative					Station Manager <i>Sally Bennett</i>			Treater <i>Kirby Harper</i>		
Service Units	<i>126</i>	<i>277</i>	<i>338</i>	<i>575</i>	<i>344</i>	<i>1507</i>				
Driver Names	<i>Harper</i>	<i>Holman</i>	<i>Reagan</i>	<i>Garce</i>	<i>Broadfoot</i>					

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>12:00</i>					<i>On Location - Spool and Rig up</i>
<i>18:00</i>					<i>Case on Bottom - Break Circ.</i>
<i>19:07</i>	<i>100</i>		<i>5</i>	<i>4</i>	<i>Pump 5 bbl of water</i>
<i>19:12</i>	<i>50</i>		<i>168</i>	<i>7</i>	<i>Mix 310 sk of ACon @ 11.4 #</i>
<i>20:23</i>	<i>50</i>		<i>23</i>	<i>4</i>	<i>Mix 100 sk of Class A @ 15 #</i>
<i>20:14</i>					<i>Shut down - drop top plug</i>
<i>20:18</i>	<i>50</i>		<i>0</i>	<i>4</i>	<i>Displace with 132 bbl</i>
<i>20:38</i>	<i>400</i>		<i>122</i>	<i>2</i>	<i>Slow Rate</i>
<i>20:44</i>	<i>450-900</i>		<i>132</i>		<i>Bump Plug</i>
<i>20:46</i>	<i>900-0</i>				<i>Release Pressure - Float Held</i>
					<i>Circulate Cement to the pt</i>
					<i>Job Complete</i>

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Taylor Fitting, Inc. 620-672-3636



FIELD ORDER 12894

Subject to Correction

Date <u>8-2-06</u>	Customer ID	Lease <u>Corraland</u>	Well # <u>1-15</u>	Legal <u>15-295-306</u>
Energy Operations of Oklahoma		County <u>Garvin</u>	State <u>KS</u>	Station <u>Liberal</u>
C H A R G E	Depth <u>7740.07</u>	Formation		Shoe Joint <u>43.54</u>
	Casing <u>9 5/8"</u>	Casing Depth	TD	Job Type <u>9 5/8" Surface</u>
	Customer Representative <u>Milo</u>		Treater <u>Kirby Harper</u>	

AFE Number _____ PO Number _____ Materials Received by **X** Signed below

Station Code	Product Code	QUANTITY	MATERIALS, EQUIPMENT, and SERVICES USED	UNIT PRICE	AMOUNT
L	D100	100 sk	Cement		
L	D101	310 sk	A-Con Blend		
L	C310	1064 lb	Calcium Chloride		
L	C194	97 lb	Cellulose		
L	F146	1 EA	Rubber Top Plug 9 5/8"		
L	E100	186 MI	Heavy Vehicle Mileage		
L	E107	410 SK	Cement Service Charge		
L	E104	1197 MI	Bulk Delivery		
L	F101	62 MI	Pickup Mileage		
L	R204	1 EA	Casing Cement Pump 1501-2000		
L	R701	1 EA	Cement Hoop Rental		
L	R402	2 hr	Cement Pump Additional hrs on Loc		
<i>Milo [Signature]</i>					
Discounted Total					
Plus Tax					12,159. ⁰⁰

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TREATMENT REPORT

Customer ENERGY Oper. of OK	Lease No.	Date 9-4-06
Lease Copp Land	Well # 1-15	
Field Order # 13133	Station Liberal KS	County Gray
Type Job 5/2 L.S. DV	Formation DU Tool @ 3804	Legal Description KS-275-30-W

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
5/8				Pre Pad	Max		5 Mn.	
Depth 5645 TP	Depth	From	To	Pad	Min		10 Min.	
Volume 132.28	Volume	From	To	Frac	Avg		15 Min.	
Max Press 2000	Max Press	From	To		HHP Used		Annulus Pressure	
Well Connection PC	Annulus Vol.	From	To	Flush Mud + water	Gas Volume		Total Load	
Plug Depth	Packer Depth	From	To					

Customer Representative Pat	Station Manager Jerry Bennett	Treater Allen F. Worth
Service Units 125	380-402	344-502
Driver Names A. Worth	Chad Heinz	Monty Gorze

Time	Casing Pressure	Pressure	Bbls. Pumped	Rate	Page #	Service Log
1000		CSG			1	Warrick Oils #110
1230						on loc setup Plan Job, Discuss Safety, on bottom w/ 5/8 CSG 15.5'
1240						circ w/ Rig
1345		200#	3	3		Pump 3 BBL H ₂ O spacer
			12	3		Pump 12 BBL mud Flush
			3	3		Pump 3 BBL H ₂ O spacer
1405			100	5		Mix 400 SKS 50/50 Poz w/ 2% Total gel 5% KCL, 5% calset .6% FIA-322 6# Gilsomite mix @ 13.8#/gal
1430		150#		5		Fin mix cont, wash up equip. Release latch down Plug. start Disp.
		300#				90 Bbls out PSI increase lift PSI "Good cir thru Job"
1507		1650#		3.5		Fin Disp. Plug Down
1515		0#				Release PSI Float Holds
1531		200#				Drop DV opening tool open DV @ 700 PSI cir well.

Continued

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Customer Energy Oper. of OK	Lease No.	Date
Lease V. Copeland	Well # 1-15	9-4-06
Field Order # 13133	Station Liberal Ks	Casing 5/2
Type Job 5/2 D.V. Long string	Depth	County Gray
	Formation New well	State Ks
		Legal Description 15-28N-30W

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
5/2				Pre Pad	Max		5 Min.
Depth 3804	Depth	From	To	Pad	Min		10 Min.
Volume 70.5	Volume	From	To	Frac	Avg		15 Min.
Max Press 2000#	Max Press	From	To		HHP Used		Annulus Pressure
Well Connection PC	Annulus Vol.	From	To	Flush	Gas Volume		Total Load
Plug Depth	Pecker Depth	From	To				

Customer Representative PAT	Station Manager Terry Bennett	Treater Allen F. Worth
--------------------------------	----------------------------------	---------------------------

Service Units	125	380	402	344	502				
Driver Names	A. Worth	Chad	H. H. H.	Mont. Grace	Scott	Brock			

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
					PAGE #2
					Hook up to well to do the top stage.
1930	200#		3	3	Pump 3 BBL N ² spacer
			12	3	Pump 12 BBLs mud flush
			3	3	Pump 3 BBLs N ² spacer
1937			82	6	st mix 150 sks A-con w/ 3% KCL 1/4" cell/flake @ 11.9#
			88	6	st mix 350 sks 50/50 P02 w/ 2% total gal, 5% KCL 5% cal set .6% FIA-322, 6" Gilsomite mix @ 13.8 # gal
	200#			5	Fin mix - Release Latch down P/ys
				3	Start Disp. "Good cir"
	2100#		90		Fin Disp. Plug down
					Plug RAT Hole + mouse Hole w/ 25sks
2130					washup Equip Job complete cut didn't cir.
					Thanks Allen & crew

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FIELD ORDER 13133

Subject to Correction

Date: 9-4-06		Customer ID		Lease: Copeland	Well #: 1-15	Legal: 15-295-30w
C H A R G E: ENERGY OPERATING OK		County: GRAJ	State: KS	Station: Liberal KS	Depth: 5645' P	Formation: New well
Casing: 5 1/2		Casing Depth: 5559	ID: 5646	Shoe Joint: 86.61'	Job Type: 5 1/2 I.S. DV	Customer/Representative: [Signature]
AFE Number		PO Number		Materials Received by: X [Signature]		

Station Code	Product Code	QUANTITY	MATERIALS, EQUIPMENT, and SERVICES USED	UNIT PRICE	AMOUNT
Liberal	D104	750SK	50/50 Poz		
Liberal	D101	150SK	A-Cum Blend		
Liberal	C195	378	FIA-322		
Liberal	C140	2016 lb	KCL Potassium Chloride		
Liberal	C311	3150 lb	Cal set		
Liberal	C321	3780 lb	G.L. Sulfate		
Liberal	C194	36 lb	Cell Flake		
Liberal	C302	1000 gal	mud Flush		
Liberal	C141	6 gal	CC-1		
Liberal	C310	473 lbs	Calcium Chloride		
Liberal	F251	1 ea	Two Stage cement Collar 5 1/2"		
Liberal	F181	1 ea	weather Ford Latchdown Plug x Bn & S 5 1/2"		
Liberal	F211	1 ea	Auto Fill Float shoe 5 1/2"		
Liberal	F101	15 ea	Turbulizer 5 1/2"		
Liberal	F131	1 ea	Stop collar.		
Liberal	F800	1 ea	Thread Lock Compound K.T.		
Liberal	F121	3 ea	Basket 5 1/2"		
Liberal	E100	248	Heavy vehicle mi. 1-way.		
Liberal	E107	900SK	concrete service chg.		
Liberal	E104	2390 mi	Proppant + BIK Del Chg. per fuel mi. 200 mi		
Liberal	E101	67 mi	Pickup mi. 1-way.		
Liberal	R212	1 ea	CASING cut Pumper 5501-6000 First 4 hrs		
Liberal	R402	5 hr	cut pumper Add. Hrs.		
Liberal	R701	1 ea	cut Head. RENTAL		
				Discount Price Plus Taxes	32,745.00

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