



KANSAS CORPORATION COMMISSION 1069262
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: _____



1069262

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> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Empire Energy E&P, LLC
Well Name	ESFELD 9
Doc ID	1069262

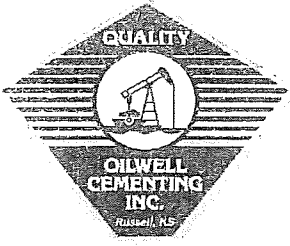
All Electric Logs Run

Dual Compensated Porosity Log
Dual Induction Log
Microresistivity Log
Borehole Compensated Sonic Log
Dual Receiver Cement Bond Log

Form	ACO1 - Well Completion
Operator	Empire Energy E&P, LLC
Well Name	ESFELD 9
Doc ID	1069262

Tops

Name	Top	Datum
Anhydrite	741	1170
Base Anhydrite	769	1142
Heebner	2932	-1021
Toronto	2949	-1038
Douglas	2963	-1052
Brown Lime	3030	-1119
Lansing	3049	-1138
Base Kansas City	3318	-1407
Arbuckle	3322	-1411



QUALITY OILWELL CEMENTING, INC.
 PO Box 32 - 740 West Wichita Ave, Russell KS 67665
 Phone: 785-324-1041 fax: 785-483-1087
 Email: cementing@ruraltel.net

Date: 8/9/2011
 Invoice # 5067

P.O.#:
 Due Date: 9/8/2011
 Division: Russell

Invoice

Contact:
 EMPIRE ENERGY
Address/Job Location:
 EMPIRE ENERGY
 PO Box 548
 Great Bend Ks 67530

Esfield #9 AFE

Reference:
 ESFIELD 9 26-16-11

Description of Work:
 LONG SURFACE JOB

Services / Items Included:	Quantity	Price	Taxable	Item	Quantity	Price	Taxable
Labor							
Common-Class A	300						
Bulk Truck Mat-Material Service Charge	317						
Calcium Chloride	11						
Pump Truck Mileage-Job to Nearest Camp	34						
Bulk Truck Mileage-Job to Nearest Bulk Plant	34						
8 5/8" Top Rubber Plug	1						
Premium Gel (Bentonite)	6						
Baffle Plate Aluminum, 8 5/8"	1						

Invoice Terms:

Net 30

SubTotal:

Discount Available ONLY if Invoice is Paid & Received within listed terms of invoice:

SubTotal for Taxable Items:

SubTotal for Non-Taxable Items:

Total:

Tax:

7.30% Barton County Sales Tax

Thank You For Your Business!

Amount Due:

Applied Payments:

Balance Due:

Past Due Invoices are subject to a service charge (annual rate of 24%)

This does not include any applicable taxes unless it is listed.

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*#9208
 ok.
 Kim
 8-10-11*

APPROVED AUG 12 2011

RSK



PAGE 1 of 1	CUST NO 1007035	INVOICE DATE 08/18/2011
INVOICE NUMBER 1718 - 90676188		

Pratt (620) 672-1201
 B EMPIRE ENERGY E&P LLC
 I PO BOX 548
 L GREAT BEND
 L KS US 67530
 T
 O ATTN:

J LEASE NAME Esfeld 9 **AFE**
 O LOCATION
 B COUNTY Barton
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T JOB CONTACT
 E

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40358070	20920		Net - 30 days	09/17/2011

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<i>For Service Dates: 08/12/2011 to 08/12/2011</i>				
0040358070				
171804781A Cement-New Well Casing/Pi 08/12/2011				
5 1/2" Longstring				
AA2 Cement	175.00	EA		
60/40 POZ	50.00	EA		
De-foamer (Powder)	33.00	EA		
Salt (Fine)	804.00	EA		
Gas-Blok	124.00	EA		
FLA-322	83.00	EA		
Gilsonite	875.00	EA		
CS-1L KCL Substitute	5.00	EA		
Mud Flush	500.00	EA		
Latch Down Plug & Baffle 5 1/2" (Blue)	1.00	EA		
Auto Fill Float Shoe 5 1/2" (Blue)	1.00	EA		
Turbolizer 5 1/2" (Blue)	10.00	EA		
5 1/2" Basket (Blue)	1.00	EA		
Unit Mileage Charge-Pickups, Vans & Cars	75.00	HR		
Heavy Equipment Mileage	150.00	MI		
Proppant and Bulk Delivery Charges	780.00	MI		
Depth Charge; 3001-4000'	1.00	HR		
Blending & Mixing Service Charge	225.00	MI		
Plug Container Utilization Charge	1.00	EA		
Casing Swivel Rental	1.00	EA		
Supervisor	1.00	HR		

APPROVED AUG 26 2011
 # 9208 RSK
 OK
 Kim
 823-11

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX
PO BOX 841903	PO BOX 10460	INVOICE TOTAL
DALLAS, TX 75284-1903	MIDLAND, TX 79702	

AA non to mda lio

JAMES C. MUSGROVE

Petroleum Geologist
 212 Main Street
 P.O. Box 215
 Claflin, KS 67525

Office (620) 588-4250

Res. Claflin (620) 587-3444

Empire Energy E&P LLC
 Esfeld #9
 SW-SW-NE-NE; Section 28-16s-11w
 Barton County, Kansas
 Page 1

5 1/2" Production Casing Set

Contractor: American Eagle Drilling Company (Rig #2)
Commenced: August 6, 2011
Completed: August 11, 2011
Elevation: 1911' K.B; 1909 D.F; 1904' G.L.
Casing program: Surface; 8 5/8" @ 752'
 Production; 5 1/2" @ 3429'
Sample: Samples saved and examined 2700' to the Rotary Total Depth.
Drilling time: One (1) foot drilling time recorded and kept 2700 ft to the Rotary Total Depth.
Measurements: All depths measured from the Kelly Bushing.
Drill Stem Tests: None.
Electric Log: By Log Tech; Dual Induction, Dual Compensated Porosity Log, Micro and Sonic Logs.

<u>Formation</u>	<u>Log Depth</u>	<u>Sub-Sea Datum</u>
Anhydrite	741	+1170
Base Anhydrite	769	+1142
Heebner	2932	-1021
Toronto	2949	-1038
Douglas	2963	-1052
Brown Lime	3030	-1119
Lansing	3049	-1138
Base Kansas City	3318	-1407
Arbuckle	3322	-1411
Rotary Total Depth	3430	-1519
Log Total Depth	3430	-1519

(All tops and zones corrected to Electric Log measurements).

SAMPLE ANALYSIS, SHOWS OF OIL, TESTING DATA, ETC.

TOPEKA SECTION

2874-2884' Limestone; cream, tan, finely crystalline, fossiliferous, chalky, poor intercrystalline porosity, gray and black stain, trace of free oil (heavy, black) and no odor in fresh samples.

TORONTO SECTION

2949-2960' Limestone; cream, gray, fine and medium crystalline, chalky, few fossiliferous, dark brown stain, and black stain, no show of free oil and no odor in fresh samples.

LANSING SECTION

3051-3060'	Limestone; cream, tan, oolitic in part, chalky, scattered pinpoint porosity, brown stain, trace of free oil and faint odor in fresh samples.
3088-3097'	Limestone; cream, tan, oolitic, sub oomoldic, light brown stain, no show of free oil and no odor.
3094-3100'	Limestone; cream, tan, oolitic, few sub oomoldic, dead black stain, no show of free oil and faint odor in fresh samples.
3112-3116'	Limestone; white, cream, chalky, no shows.
3122-3130'	Limestone; white, cream, gray, oolitic, chalky, spotty stain, no show of free oil and faint odor in fresh samples.
3135-3150'	Limestone; cream, tan, gray, oomoldic, fair oomoldic porosity, chalky, brown stain, show of free oil and faint odor.
3150-3172'	Limestone; as above, decreasing show.
3192-3200'	Limestone; cream, tan, gray, oomoldic, chalky in part, light brown stain, no show of free oil, no odor.
3211-3220'	Limestone; cream, tan, oolitic, oomoldic in part, light brown stain, trace of free oil and no odor in fresh samples.
3220-3240'	Limestone; white, cream, oolitic, fossiliferous, chalky, few oomoldic, scattered porosity, no shows.
3275-3288'	Limestone; cream, tan, oolitic/fossiliferous, few sub oomoldic, light brown stain, no show of free oil and no odor in fresh samples.
3298-3316'	Limestone; cream, tan, buff, chalky, few cherty, no shows.

ARUBCKLE SECTION

3322-3340'	Dolomite; white, cream, fine and medium crystalline, fair intercrystalline porosity, brown/dark brown stain, show of free oil and fair to good odor in fresh samples.
3340-3350'	Dolomite; cream, tan, fine to coarse crystalline, fair porosity, brown stain, trace of free oil and good odor in fresh sample.
3350-3370'	Dolomite; white, cream, fine and medium crystalline, fair intercrystalline porosity, light brown stain, show of free oil and fair odor in fresh samples.
3370-3390'	Dolomite; as above, decreasing stain, no show of free oil and no odor in fresh samples.
3390-3410'	Dolomite; cream, white, fine and medium crystalline, fair intercrystalline and vuggy porosity, poor light brown stain, no show of free oil and no odor in fresh samples.
3410-3430'	Dolomite; white/cream, fine and medium crystalline, chalky luster, fair intercrystalline porosity, no shows.

Empire Energy E&P LLC
Esfeld #9
SW-SW-NE-NE; Section 28-16s-11w
Barton County, Kansas
Page 3

Rotary Total Depth	3430 (-1519)
Log Total Depth	3430 (-1519)

Recommendations:
5 1/2" production casing was set and cemented.

Respectfully submitted;

Kurt Talbott
Kurt Talbott
Petroleum Geologist

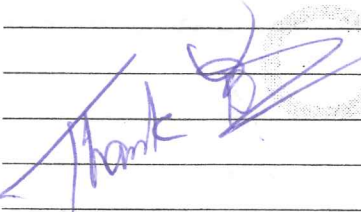
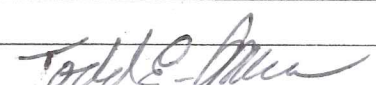
QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 5067

Date	Sec.	Twp.	Range	County	State	On Location	Finish
8-7-11	28	110	11	Barton	Kansas		3:15 PM
Lease	Es Field	Well No.	9	Location	Beaver 7E 1/2 S		
Contractor	American Eagle Drilling Rig 2			Owner	To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.		
Type Job	Surface			Hole Size	12 1/4	T.D.	756
Csg.	88	236	Depth	752	Charge To	Empire Energy	
Tbg. Size	Depth			Street			
Tool	Depth			City	State		
Cement Left in Csg.	19'	Shoe Joint	The above was done to satisfaction and supervision of owner agent or contractor.				
Meas Line	Displace			46 3/4 Bbl	Cement Amount Ordered	300 Common	
EQUIPMENT				3000 20 bbl			
Pumptrk	5	No.	Cementer	Steve	Common	300	
Bulktrk	10	No.	Helper	Steve	Poz. Mix		
Bulktrk		No.	Driver	Long	Gel.	6	
JOB SERVICES & REMARKS				Calcium 11			
Remarks:				Hulls			
Rat Hole				Salt			
Mouse Hole				Flowseal			
Centralizers				Kol-Seal			
Baskets				Mud CLR 48			
D/V or Port Collar				CFL-117 or CD110 CAF 38			
				Sand			
Cement did Circulate				Handling 317			
				Mileage			
FLOAT EQUIPMENT							
				Guide Shoe			
				Centralizer			
				Baskets			
				AFU Inserts			
				Float Shoe			
				Latch Down			
				Booth Plate			
				Rubber Plug			
Thank 				Pumptrk Charge Long Surface			
				Mileage 34			
X Signature 				Tax			
				Discount			
				Total Charge			

BASIC

energy services, L.P.

TREATMENT REPORT

Customer <i>EMPIRE ENERGY E.P.</i>		Lease No.		Date <i>08-12-11</i>	
Lease <i>859010</i>		Well # <i>7</i>			
Field Order # <i>4101</i>	Station <i>PRATH KC</i>	Casing <i>3 1/2</i>	Depth <i>3431</i>	County <i>BARTON</i>	State <i>KS</i>
Type Job <i>CNW 5 1/2 Limestone</i>			Formation	Legal Description <i>28-10-11</i>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <i>3 1/2</i>	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
Depth <i>3431</i>	Depth	From	To	Pre Pad	Max			5 Min.
Volume <i>83</i>	Volume	From	To	Pad	Min			10 Min.
Max Press <i>1500</i>	Max Press	From	To	Frac	Avg			15 Min.
Well Connection <i>PC</i>	Annulus Vol.	From	To		HHP Used			Annulus Pressure
Plug Depth <i>3288 89</i>	Packer Depth	From	To	Flush	Gas Volume			Total Load

Customer Representative	Station Manager <i>DAVE SCOTT</i>	Treater <i>Robert [Signature]</i>
-------------------------	--------------------------------------	--------------------------------------

Service Units	<i>27900</i>	<i>93702</i>	<i>20920</i>	<i>19831</i>	<i>19867</i>				
Driver Names	<i>Guthrie</i>	<i>McKee</i>		<i>McCadey</i>					

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>1:00</i>					<i>on hic safety, ready</i>
					<i>Run 82 - 5 1/2" 14 csg.</i>
					<i>csg set 2:43:30 2.91 of bottom</i>
<i>2:15</i>					<i>run on bottom</i>
<i>2:30</i>					<i>Work Pk. to circ.</i>
<i>3:30</i>	<i>300</i>		<i>20</i>	<i>4</i>	<i>st 2% KCL fluid</i>
			<i>12</i>		<i>st MUD fluid</i>
			<i>3</i>		<i>SPACER.</i>
			<i>42</i>	<i>5</i>	<i>mix cont 175 slt RA-2 cont</i>
					<i>cont mixed with mud, lined -</i>
					<i>Petroc Plus</i>
				<i>6</i>	<i>st Disp cont 2% KCL</i>
	<i>250</i>		<i>52</i>		<i>lett P.S.</i>
	<i>500</i>		<i>70</i>	<i>4</i>	<i>Slow Rate</i>
<i>4:15</i>	<i>1800</i>		<i>87</i>		<i>plug down</i>
			<i>7</i>		<i>plug P.H. w/ 30 ct</i>
					<i>50B Complete</i>
					<i>Thank you</i>