



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: _____



1151898

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
---	---

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
<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 <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
-----------------------------------	-----------	---------	-------------	---------------	---------

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: _____ _____
--	---	---

Form	ACO1 - Well Completion
Operator	Empire Energy E&P, LLC
Well Name	Burmeister 1-18
Doc ID	1151898

All Electric Logs Run

Micro
Neutron Density
resistivity
sonic



PAGE 1 of 1	CUST NO 1007035	INVOICE DATE 02/13/2013
INVOICE NUMBER 1717 - 91117682		

Liberal (620) 624-2277

B EMPIRE ENERGY E&P LLC
 I PO BOX 548
 L GREAT BEND
 L KS US 67530
 T
 O ATTN: KIM HOFFMAN

J LEASE NAME Burmeister #1-18 - AFE
 O LOCATION
 B COUNTY Meade KSMED00601
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T JOB CONTACT
 E

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40564318	27462		Net - 30 days	03/15/2013

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
For Service Dates: 02/11/2013 to 02/11/2013				
0040564318				
171703278A Cement-New Well Casing/Pi 02/11/2013 5 1/2" Longstring				
AA2 Cement	295.00	EA		
Gypsum	1,390.00	EA		
Salt	1,637.00	EA		
C-15	167.00	EA		
C-41P	70.00	EA		
Gilsonite	1,475.00	EA		
"Auto Fill Float Shoe 5 1/2" (Blue)"	1.00	EA		
"Latch Down Plug & Baffle, 5 1/2" (Blu	1.00	EA		
Antelope 4 1/2 X 7 7/8 Turbo	10.00	EA		
Super Flush II	500.00	EA		
Heavy Equipment Mileage	60.00	MI		
Blending & Mixing Service Charge	295.00	BAG		
"Proppant & Bulk Del. Chgs., per ton mil	417.00	EA		
Depth Charge; 6001'-7000'	1.00	EA		
Plug Container Util. Chg.	1.00	EA		
"Unit Mileage Chg (PU, cars one way)"	30.00	MI		
"Service Supervisor, first 8 hrs on loc.	1.00	EA		
"Cement Pumper, Add'l hrs. on Location"	4.00	HR		

9208 9308
 OW RJK
 2-22-13
 Kim

APPROVED FEB 25 2013

PLEASE REMIT TO: BASIC ENERGY SERVICES, LP
 PO BOX 841903 DALLAS, TX 75284-1903

SEND OTHER CORRESPONDENCE TO:
 BASIC ENERGY SERVICES, LP
 801 CHERRY ST, STE 2100
 FORT WORTH, TX 76102

INVO

AA Copy to well file

RECEIVED FEB 25 2013

Customer	Lease No.	Date
Lease	Well #	Service Receipt
Casing	Depth	County
State	Job Type	Formation
Legal Description		

Pipe Data		Perforating Data		Cement Data
Casing size	Tubing Size	Shots/Ft		Lead
Depth	Depth	From	To	Tail in
Volume	Volume	From	To	
Max Press	Max Press	From	To	
Well Connection	Annulus Vol.	From	To	
Plug Depth	Packer Depth	From	To	

Time	Casing Pressure	Tubing Pressure	Bbbs. Pumped	Rate	Service Log
3:00					gular size assessment
					long down 1 1/2 hr
3:30					3000 lbs - 100 lb
3:40					3000 lbs - 100 lb
3:50					3000 lbs - 100 lb
4:00					3000 lbs - 100 lb
4:10					3000 lbs - 100 lb
4:20					3000 lbs - 100 lb
4:30	200		5	1	3000 lbs - 100 lb
4:32	200		12	1	3000 lbs - 100 lb
4:40	200		5	1	3000 lbs - 100 lb
4:40	40		13	3	3000 lbs - 100 lb
4:45	100		11	5	3000 lbs - 100 lb
4:50					3000 lbs - 100 lb
5:00	0		0	10	3000 lbs - 100 lb
5:05	300		137	2	3000 lbs - 100 lb
5:10	300		147	0	3000 lbs - 100 lb
			147	0	3000 lbs - 100 lb
			222-1		3000 lbs - 100 lb
					3000 lbs - 100 lb
					3000 lbs - 100 lb
					3000 lbs - 100 lb

Service Units	Driver Names
---------------	--------------

Customer Representative

Station Manager

Cementer

Cement Report

Customer <u>Empire Energy</u>		Lease No.		Date <u>7-11-13</u>	
Lease <u>Birchmaster</u>		Well # <u>48</u>		Service Receipt <u>03278</u>	
Casing <u>5 1/2" 15.5'</u>	Depth <u>6215'</u>	County <u>Monte</u>		State <u>KS</u>	
Job Type <u>2-17 5 1/2" Production</u>		Formation <u>Production</u>		Legal Description <u>18-33-29</u>	

Pipe Data		Perforating Data		Cement Data
Casing size <u>5 1/2" 15.5'</u>	Tubing Size	Shots/Ft		Lead <u>75' x</u>
Depth <u>6215'</u>	Depth	From	To	<u>MA2 @ 13'</u>
Volume <u>Dispo - 117 bbl</u>	Volume	From	To	
Max Press <u>1500#</u>	Max Press	From	To	
Well Connection <u>D-6225'</u>	Annulus Vol.	From	To	Tail in <u>270 sk</u>
Plug Depth <u>55-111'</u>	Packer Depth	From	To	<u>MA2 @ 14.5'</u>

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
3:00					on loc - site assessment
					laying down drill pipe
4:00					start dirks - rig up
8:30					start case + tool joint
12:30					CSG on bottom break circ
17:30					50 safety monitoring / SSA
2:30					pressure test 2700#
2:30	700		5	4	dump 5 bbl H ₂ O spacer
2:32	700		12	4	dump 12 bbl superflush
2:36	700		5	4	dump 5 bbl H ₂ O spacer
2:40	50		13	3	plug rat + mouse hole w/
					1" @ 13.5'
2:45	400		59	5	mix & dump 220 sk MA2 @
					14.8' @ 13.5' MA2 sk
2:58					flush lines
3:00	0		0	0	drop plug - disp esp
3:25	700		139	2	slow rate
3:30	1200		9208	1700	hard take down plug float
			222-13		hold
					job complete

Service Units	<u>39726</u>	<u>271102</u>	<u>1072 37224</u>		
Driver Names	<u>A. Allen</u>	<u>T. Snyder</u>	<u>T. Lopez</u>		

Customer Representative _____ Station Manager _____ Cementer _____