



KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1131678

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: _____

1131678

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 ☐ Yes ☐ No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey ☐ Yes ☐ No Cores Taken ☐ Yes ☐ No Electric Log Run ☐ Yes ☐ No Electric Log Submitted Electronically ☐ Yes ☐ No <i>(If no, Submit Copy)</i> List All E. Logs Run:	☐ Log Formation (Top), Depth and Datum ☐ Sample Name Top Datum
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CASING RECORD ☐ New ☐ 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 <i>(Explain)</i> _____		
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: ☐ Vented ☐ Sold ☐ Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: ☐ Open Hole ☐ Perf. ☐ Dually Comp. <i>(Submit ACO-5)</i> ☐ Commingled <i>(Submit ACO-4)</i> ☐ Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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DRILL LOG

Operator License# 33741

API # 15-059-26187-00-00

Operator Energex Kansas

Lease Name Lickteig Family Farms North

Address 27 Corporate Woods, #350

Well # BSP LFF 1

Phone 913-754-7754

Spud Date 8/14/12 Cement plugged

Contractor License # 32834

Contractor JTC Oil, Inc.

T.D. 1200 T.D. of Pipe

3 sacks cement

Surf. Pipe Size 7" ____ Depth 20ft ____

County Franklin

Thickness	Strata	From	To	Thickness	Strata	From	To
2	soil	0	2	15	lime	288	303
2	lime clay	2	4	9	shale	303	312
16	lime	4	20	30	lime	312	342
166	shale	20	186	9	black shale	342	353
20	lime	186	206	22	lime	353	375
2	shale	206	208	3	coal	375	378
16	sand	208	224	12	lime	378	390
16	shale	224	240	37	shale	390	427
3	lime	240	243	11	sand	427	438
6	red bed	243	249	117	shale	438	555
31	shale	249	280	25	lime	555	580
2	lime	280	282	7	shale	580	587

BSP LFF1

6	shale	282	288
7	sand	587	594
10	shale	594	604
1	coal	604	605
26	shale	605	631
4	lime	631	635
15	shale	635	650
3	lime	650	653
21	black shale	653	674
20	lime	674	694
7	shale	694	701
1	lime	701	702
7	coal	702	709
3	lime	709	712
5	shale	712	717
6	lime	717	723
3	coal	723	726
2	shale	726	728
9	sand	728	737
26	shale	737	763
4	sand	763	767
11	shale sand	767	778

BSP LFF1

2	shale	778	780
6	shale sand	780	786
12	shale	786	798
3	coal	798	801
14	shale	801	815
9	sand	815	824
35	shale	824	859
3	coal	859	862
16	shale	862	878
19	black shale	878	897
30	shale	897	927
17	black shale	927	944
21	shale	944	965
5	sand	965	970
13	shale	970	983
1	lime	983	984
14	shale	984	998
29	shale sand	998	1027
20	black shale	1027	1047
3	coal	1047	1050
24	shale	1050	1074
12	shale sand	1074	1086

BSPUFFI

56 shale 1086 1142

58 lime 1142 1200



HURRICANE SERVICES, INC.

WELL SERVICE DIVISION

TICKET # 28977

KCC Operator # 34059

Date 8-30-2012 Rig # 706 CO. _____Operator Bryan SweegarRoust Travis SpiresRoust Jeff ScrivnerWell # BSP-LFF-1 Old x New _____Off 11:30pm In 1:00pmCompany Energien Kansas, IncLease Lickteig Family FarmTime Out 7:00am On 9:00am

Diameter _____ Quantity _____

		Sucker Rods	
		Rod Subs	2' 4' 6' 8' 10'
		Pump Data	Size: 1 1/4" 1 1/2" 1 3/4" 1 25/32" 2" 2 1/4" Other: _____ Type: Insert / Tubing
		(One Circle)	Plunger: Cup _____ Rings _____ SPMTL _____ BBL Length: _____
<u>2 3/8"</u>	<u>38</u>	Gas Anchor	Strainer: _____ Size of G.A. _____
		Tubing	Size: <u>2 3/8"</u> Thread: <u>8 rod upset</u> #Jts: _____
		Tubing Subs	2' 4' 6' 8' 10' 10'
		Working Barrel	Size: _____ Length: _____ Set @: _____
		Mud Anchor	Plugged or Open: _____ Length: _____ Size: _____
		Seating Nipple	Length: _____ Size: _____
		Packer/Anchor	Type: _____ Size: _____ Set @: _____
		Polish Rod	Length: _____ Diameter: _____
		Polish Rod Liner	Length: _____ Diameter: _____ Type: _____

*****Indicate if what was ran in hole is different than what was removed*****

Rod Break:	# Down:	Body:	Box:	Other:
Tbg Leak:	# Down:	Split:	Hole:	Collar Leak:
Scale:	Pitting:	Corrosion:		Misc:

Tubing # of Trips

Y / ☒ N	Motel and Per Diem: # of Nights	# of Men	Y / ☒ N	Rod Fishing Tool Per Use
☒ Y / ☒ N	Tongs - Trips:	Y / ☒ N	Casing Tongs - Trips:	Pressure Tester
Y / ☒ N	Paint	Y / ☒ N	Wash Head & Stripping Rubber	Handling Sub for Drill Collars
☒ Y / ☒ N	Tubing Lube - Trips:	Y / ☒ N	Chicksan and Hoses Per Well	Wedding Band
Y / ☒ N	Weight Indicator Per Well	Y / ☒ N	Standpipe and Kelly Hose Per Well	Bumper Sub 3 1/8"
Y / ☒ N	Depthometer Per Well	Y / ☒ N	Impression Block Per Well	Carbide 5 1/2" Taper Per Well
Y / ☒ N	Casing Swab Jars/Equipment	Y / ☒ N	Mud Mixing Tank Per Day	Carbide 5 1/2" Flat Per Well
Y / ☒ N	Tubing Swab Jars Per Well	Y / ☒ N	5 1/2" Scraper Per Well	7" Scraper Per Well
Y / ☒ N	Oil Saver	Y / ☒ N	4 1/2" Scraper Per Well	New 6 1/4"
Qty:	Oil Saver Rubber (Extra)	Y / ☒ N	Carbide 4 1/2" Tapered Per Well	Used 6 1/4"
Qty:	Swab Cups: 5 1/2" 4 1/2" 2 7/8" 2 3/8"	Y / ☒ N	Carbide 4 1/2" Flat Per Well	Power Swivel
Y / ☒ N	Sand Pumps	Y / ☒ N	3 1/8" Drill Collars - Qty:	Pipe Trailer
Y / ☒ N	Bailer Per Well	Y / ☒ N	Extra Wash Head Rubber-Qty:	Turn Table - Hours:
Y / ☒ N	Sand Hog Bailer Per Well	Y / ☒ N	New Bit: 3 3/4" 3 7/8" 4 3/4" 4 7/8" Per Well	
Y / ☒ N	100 BBL Swab Tank	Y / ☒ N	Used Bit: 3 3/4" 3 7/8" 4 3/4" 4 7/8" Per Well	

Remarks: Drove to location, had safety meeting. Rigged up for tubing.
filled the tubing. Tripped in with 38 x 2 3/8 tubing. Wait for Rod
to cement bottom plug. Tripped out with 25 joints. Wait for Rod
to cement top plug. Tripped out. Cleaned location. Rigged down
drove to shop.

(2 3/8" Outwork String) (1182')

Bottom Plug @ 1182'

Top Plug @ 400'

TO @ 1200' 079412

Hurricane Services, Inc.
P.O. Box 782228
Wichita, KS 67278-2228

FED ID # 48-1214033
 Shop # 620 437-2661
 Cellular # 620 437-7582

Office # 316 685-5908
 Office Fax # 316 685-5926
 Shop Address: 3613A Y Road
 Madison, KS 66860

Company: Envijex Date: 8-30-2012

Well Name: Lickteig #BSP-1FF1 Sec. 10 T. 19s R. 20E

Tubing Size: _____ Csg. Size: _____ Perfs: _____

B-Plug: TD 1200' Packer Setting: _____

6" Hole / 20" 7" Surface Pipe

PKR	Length		Total		No. Pcs	Length		Total		No. Pcs	Length		Total		No. Pcs	Length		Total	
	Ft.	Ins.	Ft.	Ins.		Ft.	Ins.	Ft.	Ins.		Ft.	Ins.	Ft.	Ins.		Ft.	Ins.	Ft.	Ins.
1	31	35			31	31	66			61					91				
2	30	86			32	31	57			62					92				
3	30	54			33	31	12			63					93				
4	29	79			34	31	72			64					94				
5	31	78			35	31	77			65					95				
6	30	88			36	30	85			66					96				
7	31	11			37	31	25			67					97				
8	29	74			38	31	33	1182	32	68					98				
9	31	28			39	31	50			69					99				
10	31	34			40	31	80			70					100				
11	31	—			41	32	60			71					101				
12	30	55			42	29	79			72					102				
13	28	93	399	18	43	30	05			73					103				
14	31	21			44					74					104				
15	31	61			45					75					105				
16	31	69			46					76					106				
17	31	02			47					77					107				
18	30	49			48					78					108				
19	31	17			49					79					109				
20	31	58			50					80					110				
21	30	57			51					81					111				
22	32	49			52					82					112				
23	31	81			53					83					113				
24	30	74			54					84					114				
25	31	67			55					85					115				
26	30	05			56					86					116				
27	30	64			57					87					117				
28	31	79			58					88					118				
29	31	72			59					89					119				
30	31	70			60					90					120				
Total	981	05			Total					Total					Total				

W/O PKR		
1		
2		
3		
4		

No. Joints _____

Tallied by _____

#34059

Tricane Services, Inc.
 5613 A Y Road
 Madison, KS 66860
 Office # 620-437-2661
 Brad Cell # 620-437-6765

Ticket Number 100147
 Location Madison
 Foreman Brad Butler

Cement Service ticket

Cement Service ticket				
Date	Customer #	Well Name & Number	Sec./Township/Range	County
8-30-12		LickTeig Family Farms #BSP-2FF-1	10-19S-20E	Franklin
Customer		Mailing Address	City	State Zip
Enerjex Kansas, Inc.				

Job Type: Plug To Abandon

Hole Size:	Casing Size:	Displacement:	Truck #	Driver
6"	7" S/P		201	Kelly
Hole Depth:	Casing Weight:	Displacement PSI:	202	Jerry
1200'			144 + 152	Rick
Bridge Plug:	Tubing:	Cement Left in Casing:	142 + 956	Cody
Packer:	PBTD:			

Quantity Or Units	Description of Services or Product	Pump charge	
80	Mileage	\$3.25/Mile	790.00
			260.00
103 SACKS	60/40 Pozmix cement	10.90	1122.70
355 lbs.	Gel 42	.30	106.50
500 lbs.	Gel > Spacer between plugs	.30	150.00
6 Hrs.	Water Transport	105.00	630.00
3300 Gals.	City water	13.00 per 1000	42.90
6 Hrs.	Truck charge - Tubing	95.00	570.00
4.61 Tons	Bulk Truck	\$1.15/Mile	424.12
80 miles	Truck #290	1.50	120.00
	Plugs		
		Subtotal	4216.22
		Sales Tax	110.92
		Estimated Total	4327.14

Remarks: Set Cement Plugs As following Along with Gel Spacer between cement Plugs.

15 SKS at 1182'

88 SKS at 400' To Surface

Called by Tom

Customer Signature