



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1077299  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
August 2013

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
- Plug Back       Conv. to GSW       Conv. to Producer
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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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

GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_  
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum:  NAD27       NAD83       WGS84

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Vertical 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

- Confidentiality Requested  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

1077299

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**INSTRUCTIONS:** Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

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				

Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  Yes  No *(If No, fill out Page Three of the ACO-1)*

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

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <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> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
--	--	---

Form	ACO1 - Well Completion
Operator	Lasso Energy LLC
Well Name	MCCLAREN 2
Doc ID	1077299

All Electric Logs Run

MICROLOG- MLT
BORE HOLE VOLUME CALIPER LOG - BHV
PHASE INDUCTION SHALLOW FOCUS LOG - DIL
COMPENSATED NEUTRON PEL DENSITY LOG - POR-HIRES
CEMENT BOND LOG
DRILLER LOG
COMPOSITIE LOG - COMP

Form	ACO1 - Well Completion
Operator	Lasso Energy LLC
Well Name	MCCLAREN 2
Doc ID	1077299

Tops

Name	Top	Datum
HEEBNER	4211	-1942
TORONTO	4224	-1955
DOUGLAS	4243	-1974
BROWN LIME	4391	-2122
LANSING	4408	-2139
MUNCIE CREEK	4577	-2308
LKC "H"	4583	-2314
STARK	4677	-2408
LKC" K"	4683	-2414
HUSHPUCKNEY	4734	-2465
BASE KANSAS CITY	4781	-2512
MARMATON	4838	-2569
PAWNEE	4898	-2629
MYRICK STATION	4919	-2650
FORT SCOTT	4948	-2679
CHEROKEE	4958	-2689
MISSISSIPPIAN(CHERT)	5040	-2771
MISSISSIPPIAN(LIME)	5072	-2803
KINDERHOOK	5310	-3041
VIOLA	5333	-3064
SIMPSON	5487	-3218
SIMPSON SAND(LOWER)	5595	-3326
ARBUCKLE	5609	-3340



**BASIC**<sup>SM</sup>  
ENERGY SERVICES  
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61  
P.O. Box 8613  
Pratt, Kansas 67124  
Phone 620-672-1201

**FIELD SERVICE TICKET**

1718 05822 A

DATE \_\_\_\_\_ TICKET NO. \_\_\_\_\_

DATE OF JOB: 03-24-12		DISTRICT: Pratt		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/>		PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/>		CUSTOMER ORDER NO.:	
CUSTOMER: LASSO - 720294				LEASE: McCLAREN #2				WELL NO.:	
ADDRESS:				COUNTY: Kiowa		STATE: KS			
CITY:				STATE:		SERVICE CREW: Sullivan, Munguzi, Bawel			
AUTHORIZED BY:				JOB TYPE: CW 5 1/2" Comp Str.					
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME
19880/19883	53						3-24-12	PM	3:00
19801/19807	50					ARRIVED AT JOB		PM	6:00
37900						START OPERATION		AM	11:00
						FINISH OPERATION		AM	11:55
						RELEASED		AM	12:45
						MILES FROM STATION TO WELL			40

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: Adam Beckman  
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 105	4H-2 col	285	285		
CP 105	AA 2 col	50	50		
CC 105	C-412	16	63		
CC 111	SALT	16	1691		
CC 112	CM 7 Fluid	16	95		
CC 129	FLA-322	16	159		
CC 201	Cilsemit	16	1695		
CF 607	LATCH Down Plug - Cable 5 1/2"	SA	1		
CF 1001	CM 7 Packer SHAE	SA	1		
CF 1051	Turbolizer	SA	10		
CF 1901	SALT	SA	1		
CI 154	Super Fluid	GM	500		
S 100	Partic	111	40		
S 201	Heavy Ept	111	80		
E 113	Bulk Delivery	TM	630		
CE 206	Depth down 5000' 600'	SA	1		
CE 240	Blending Mix	SK	335		
CE 504	Plug Center Part	SD	1		
S 003	Superior Super	SA	1		

SUB TOTAL 17,513.40

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$
MATERIALS	%TAX ON \$
TOTAL	

*Thank you!*

SERVICE REPRESENTATIVE: <u>Robert Jell</u>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <u>Adam Beckman</u> (WELL OWNER OPERATOR CONTRACTOR OR AGENT)
FIELD SERVICE ORDER NO. _____	

Customer <b>LASSO-TURRY</b>	Lease No.	Date <b>03-24-12</b>
Lease <b>MICLAKEN</b>	Well # <b>2</b>	
Field Order # <b>5922</b>	Station <b>PRATT KS</b>	Casing <b>5 1/2</b>
		Depth <b>3680'</b>
Type Job <b>CNW 5 1/2 LING STIP</b>	Formation	County <b>KIOWA</b>
		State <b>KS</b>
		Legal Description <b>S-30-18</b>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
5 1/2				Pre Pad	Max		5 Min.	
Depth <b>3680'</b>	Depth	From	To	Pad	Min		10 Min.	
Volume <b>134.17</b>	Volume	From	To	Frac	Avg		15 Min.	
Max Press <b>2100</b>	Max Press	From	To		HHP Used		Annulus Pressure	
Well Connection <b>P.C.</b>	Annulus Vol.	From	To	Flush	Gas Volume		Total Load	
Plug Depth <b>5059</b>	Packer Depth	From	To					

Customer Representative	Station Manager <b>DAVE SCOTT</b>	Treater <b>Robt Sullian</b>
-------------------------	--------------------------------------	--------------------------------

Service Units	<b>37910</b>	<b>19889</b>	<b>19843</b>	<b>19831</b>	<b>19662</b>				
Driver Names	<b>Sullivan</b>	<b>MARKOVZ</b>	<b>BOWER</b>						

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
12:00 PM					on his soft, mostly
					Run 175 ST 5", 155 <sup>lb</sup> CSC
					Packer shoe on Bottom 1 ST
					cont 246, 10, 14, 11, 23, 30, 40, 47. BASH "21
9:25					CASING on Bottom
9:35					Hook Rig Packer circ.
9:40					Shot down DRUM BALL
9:55	1200				Set Packer shoe / Hook BACK circ.
11:00	200		17	3	It down flush
				5.5	mix 285 sk. H-H-2 cont 6 15-0-0-0
			70		cont mix ab. shot down. with LING pump.
					Retract Plug
				6	St Disin
	300		20		6.4" P.S.
	1000		130	4	Show Rate
12:00	2000		135.5		plug down
			6	3	plug R.H. w/ 30 sk
			4		plug w. 11/30 ch.
					503 Grindstone

Thank you



PAGE	CUST NO	INVOICE DATE
1 of 1	1006916	03/16/2012
INVOICE NUMBER		
1718 - 90856378		

Pratt (620) 672-1201  
 B LASSO ENERGY LLC  
 I PO BOX 465  
 L CHASE  
 L KS US 67524  
 T  
 O ATTN: ALISHA GRAHAM

J LEASE NAME McClaren 2  
 B LOCATION  
 B COUNTY Kiowa  
 B STATE KS  
 T JOB DESCRIPTION Cement-New Well Casing/Pl  
 E JOB CONTACT

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40441444	19905		Net - 30 days	04/15/2012

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<b>For Service Dates: 03/14/2012 to 03/14/2012</b>				
0040441444				
171804316A Cement-New Well Casing/Pl 03/14/2012 Cement 8 5/8" Surface				
A Serv Lito	140.00	EA	10.27	1,437.80 T
Common Cement	150.00	EA	12.84	1,896.00 T
Celloflake	73.00	EA	2.92	213.38 T
Calcium Chloride	648.00	EA	0.83	637.52 T
"Top Rubber Cmt Plug, 8 5/8" "	1.00	EA	177.75	177.75
"Unit Mileage Chg (PU, cars one way)"	40.00	MI	3.38	134.30
Heavy Equipment Mileage	80.00	MI	5.53	442.40
"Proppant & Bulk Del. Chgs., per ton mil	628.00	EA	1.26	664.88
Depth Charge; 0-500'	1.00	EA	790.00	790.00
Blending & Mixing Service Charge	290.00	BAG	1.11	320.74
Plug Container Util. Chg.	1.00	EA	197.50	197.50
"Service Supervisor, first 8 hrs on loc.	1.00	EA	138.25	138.25

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	6,950.50
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	298.18
PO BOX 841903	PO BOX 10460	INVOICE TOTAL	7,248.68
DALLAS, TX 75284-1903	MIDLAND, TX 79702		

*ALS*



**BASIC**  
ENERGY SERVICES  
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61  
P.O. Box 8613  
Pratt, Kansas 67124  
Phone 620-672-1201

0040441444  
FIELD SERVICE TICKET

1718 04316 A

5-305-18W

DATE TICKET NO.

DATE OF JOB <b>3-14-12</b> DISTRICT <b>Pratt, Kansas</b>		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:						
CUSTOMER <b>Lasso Energy, LLC</b>		LEASE <b>McClaren</b> WELL NO. <b>2</b>						
ADDRESS		COUNTY <b>Iiowa</b> STATE <b>Kansas</b>						
CITY STATE		SERVICE CREW <b>C. Messick; M. Mattal; J. Bowers</b>						
AUTHORIZED BY		JOB TYPE <b>C. U. W. - Surface</b>						
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	TIME
<b>37,216</b>	<b>1</b>						<b>3-14-12</b>	<b>3:00</b>
						ARRIVED AT JOB		<b>5:00</b>
<b>19,903-19,905</b>	<b>1</b>					START OPERATION		<b>6:00</b>
						FINISH OPERATION		<b>7:00</b>
<b>19,831-19,862</b>	<b>1</b>					RELEASED	<b>3-14-12</b>	<b>7:15</b>
						MILES FROM STATION TO WELL		<b>40</b>

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED:

(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
P CP106	A Serv Lite Cement	sk	140		\$ 1,820 00
P CP100C	Common Cement	sk	150		\$ 2,400 00
P CC102	cell plate	Lb	73		\$ 270 10
P CC109	Calcium Chloride	Lb	648		\$ 680 40
P CF105	Top Rubber Plug, 8 5/8"	ea	1		\$ 225 00
P E100	Pickup Mileage	mi	40		\$ 170 00
P E101	Heavy Equipment Mileage	mi	80		\$ 560 00
P E113	Bulk Delivery	tm	526		\$ 841 60
P CE 200	Cement Pump: 0 Feet To 500 Feet	hrs.	4		\$ 1,000 00
P CE 240	Blending and Mixing Service	sk	290		\$ 406 00
P CE 504	Plug Container	Job	1		\$ 250 00
P S003	Service Supervisor	hrs.	4		\$ 175 00

SUB TOTAL  
DLS \$ 6,950 50

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		

SERVICE REPRESENTATIVE *James R. M. Smith*

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: *John Reed*

FIELD SERVICE ORDER NO.

(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)



# BASIC

energy services, L.P.

## TREATMENT REPORT

Customer <b>Lasso Energy, LLC</b>	Lease No.	Date <b>3-14-12</b>
Lease <b>McClaren</b>	Well # <b>2</b>	
Field Order # <b>4316</b>	Station <b>Pratt, Kansas</b>	County <b>Kiowa</b>
Type Job <b>C. N. W. - Surface</b>	Formation <b>517 Feet</b>	State <b>Kansas</b>
Casing Size <b>8 7/8 23 Lb./ft.</b>	Depth <b>517 Feet</b>	Legal Description <b>5-305-18W</b>

PIPE DATA		PERFORATING DATA		CEMENT USED		TREATMENT RESUME	
Depth	317 Feet	Shots/Ft	140 sacks	AServ Lite	with 0.2 Gal. 32 Calcium Chloride	ISIP	15 Min.
Volume	33 Bbl.	From	.25 Lb./sk. Cell Flare	13.4 Lb./gal.	8.24 Gal./sk.	1.04 CU. FT./sk.	
Max Press	450 P.S.I.	From	150 sacks	Common Cement	with 2.2 Calcium Chloride	15 Min.	25 Lb./sk. cell flare
Wall Connection	Annulus Vol.	From	15.6 Lb./Gal.	5.23 Gal./sk.	1.20 CU. FT./sk.	Annulus Pressure	
Plug Depth	302 Feet	From	Flush	32 Bbl. Fresh Water		Total Load	

Customer Representative <b>Walt</b>	Station Manager <b>David Scott</b>	Tractor <b>Clarence R. Messick</b>
Service Units	19,903	19,905
Driver Names	<b>Messick</b>	<b>Mattal</b>
		<b>Bowers</b>

Time AM	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
5:00					Trucks en location and hold safety meeting. Casing in well and rig circulating upon arrival.
6:00	300		10	5	Start Fresh Water Pre-Flush.
			51	5	Start mixing 140 sacks AServ Lite cement.
			83		Start mixing 150 sacks common cement.
	0				stop mixing shut in well. Release Top Rubber Plug. Open Well.
6:15	200			5	start Fresh water Displacement.
6:25	450		32		Plug down. Shut in well.
					Circulated 10 sacks cement to pit.
					Wash up pump truck.
7:00					Job Complete.
					Thank You.
					Clarence, Mitre, Justin

Conservation Division  
Finney State Office Building  
130 S. Market, Rm. 2078  
Wichita, KS 67202-3802



Phone: 316-337-6200  
Fax: 316-337-6211  
<http://kcc.ks.gov/>

Mark Sievers, Chairman  
Ward Loyd, Commissioner  
Thomas E. Wright, Commissioner

Sam Brownback, Governor

March 26, 2012

BRUCE KELSO  
Lasso Energy LLC  
PO Box 465  
Chase, KS 67524

Re: ACO1  
API 15-097-21719-00-00  
MCCLAREN 2  
SE/4 Sec.05-30S-18W  
Kiowa County, Kansas

Dear Production Department:

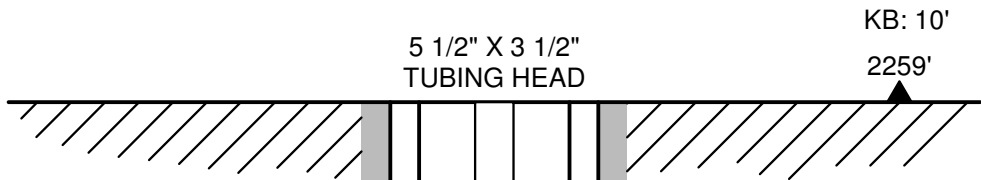
We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,  
BRUCE KELSO

REVISION:	DESCRIPTION:

WELL No: 2 SWD REV.



KB: 10'  
2259'

5 1/2" X 3 1/2"  
TUBING HEAD

SURFACE CASING: 8 5/8" 23#/FT @ 505'  
CMT TO SURFACE (12 1/4" HOLE) - 290 SX  
BOTTOM OF CEMENT 517'

PRODUCTION CASING:  
5 1/2" @ 5681' - 15.5lb/ft  
4400 PSIG TEST  
4.825" DRIFT ID  
7 7/8" HOLE (BIT)  
SET CLPG 12" AGL

TOC: 3370' W/285 SX

TUBING:  
3 1/2" @ 5650'  
J55 API UPSET  
CERAMIC COATED

PACKER DEPTH: 5650'  
5 1/2" X 3 1/2" BAKER AD1 TENSION  
COATED

DRILL OUT RUBBER PLUG,  
FLAPPER VALVE SHOE,  
21' SHORT JOINT OF CEMENT  
AND THEN THE 3' LONG PACKER  
SHOE WITH 4 7/8" BIT

BOTTOM OF CEMENT: 5683'  
PACKER SHOE FROM 5681' - 5684'  
DRILLED OUT


TO DRILL OUT PACKER SHOE  
5657' TO 5684' (27')

TOP OF ARBUCKLE: 5609' (-3340)  
BOTTOM OF ARBUCKLE: 6432'  
CASING SET 75' INTO TOP OF ARBUCKLE  
748' OF OPEN HOLE  
PACKER SET 34' ABOVE FROM OPEN HOLE  
PACKER SET 41' BELOW THE TOP OF ARB.

ARBUCKLE  
OPEN HOLE (7 7/8" HOLE)  
5684'-6432'

PBTD: 6432'  
TD: 6432'

DOWNHOLE TEMP: 130 DEG F MAX

DRAWN: BK 03/13/12	APPROVED:	LEASE: MCCLAREN	REV.
	WELL No: 2 SWD		REV.
		SCALE: N/A	REV.
		LOCATION: KIOWA COUNTY, KANSAS	
TOLERANCES (Unless Otherwise Specified) Fractional..... ± 1/32" 2 Place Decimal..... ± .030 3 Place Decimal..... ± .005 4 Place Decimal..... ± .001			