



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1186638
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: _____

1186638

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

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> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Lasso Energy LLC
Well Name	BOGNER A 1
Doc ID	1186638

Tops

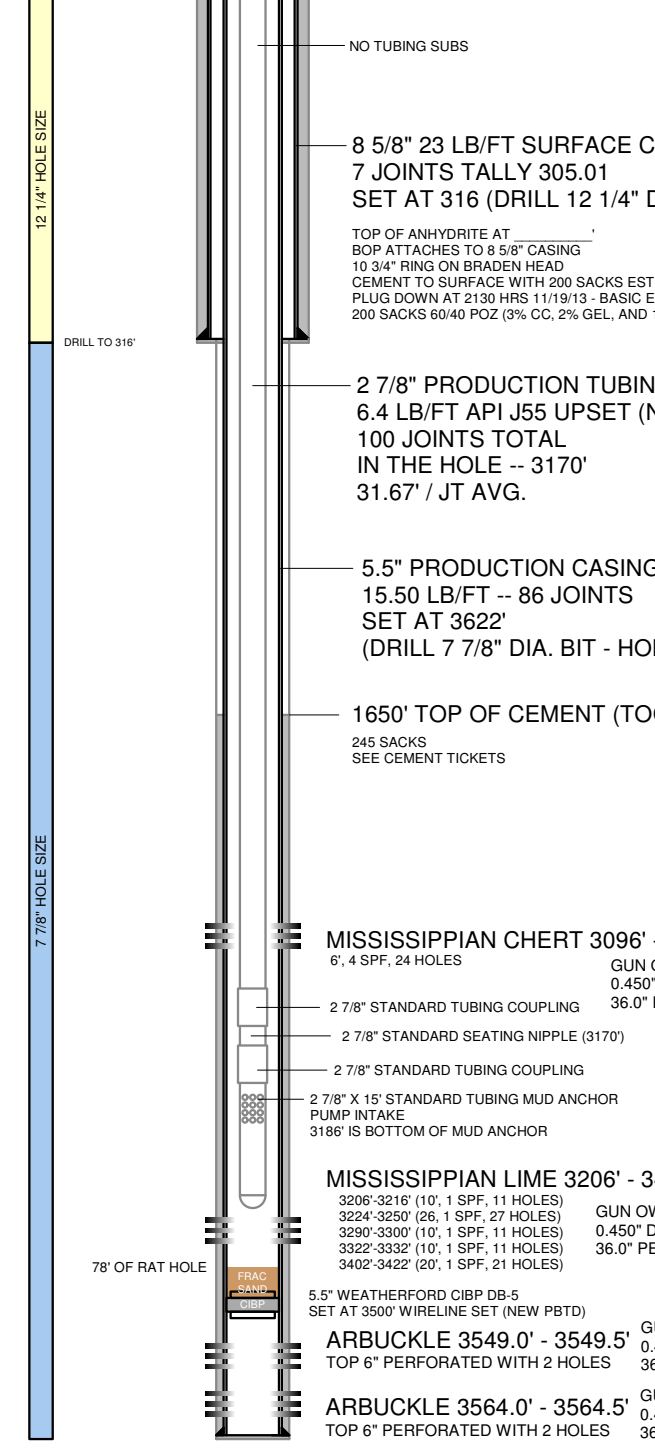
Name	Top	Datum
Iatan	1851	-628
Stalnaker	1886	-663
Perry	2103	-880
Layton	2313	-1090
Kansas City	2502	-1279
Base Kansas City	2632	-1409
Oswego	2708	-1485
Pawnee	2767	-1544
Fort Scott	2804	-1581
Cherokee	2835	-1612
Cattleman Sand	2947	-1724
Bartlesville Sand	3025	-1802
Erosional Miss	3088	-1865
Mississippian Chert	3096	-1873
Mississippian Lime	3137	-1914
Gilmore City	3442	-2219
Kinderhook	3460	-2237
Compton	3481	-2258
Woodford Shale	3496	-2273
Arbuckle	3548	-2325

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Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
4	Arbuckle - Perforations (Existing)	2 Shots	3549.0-3549.5
4	Arbuckle - Perforations (Existing)	2 Shots	3564-3564.5
0	Bridge Plug Set	Weatherford DB-5 CIBP	3500
1	MississippianLime - Perforations	11 Shots	3206-3216
1	Mississippian Lime - Perforations	27 Shots	3224-3250
1	MississippiansLime - Perforations	11 Shots	3290-3300
1	Mississippian Lime - Perforations	11 Shots	3322-3332
1	Mississippian Lime - Perforations	21 Shots	3402-3422
0	Acid	5,000 gals HCl Acid & 120 Perf Balls	3206-3422
0	Fracture	15,000 lbs 20/40 sand, 500 lbs 12/20 sand	3206-3422
4	Mississippian Chert - Perforations	2 Shots	3564-3564.5

SURFACE TEMP: 70 DEG F MAX
 5 1/2" X 2 7/8" TUBING HEAD
 K.B.: 8'
 G.L. ELEVATION 1215' (SHL)
 SET TOP CLPG 12" AGL



NOTES:
 PUMPING UNIT: C - 160 -190 - 74 (74" SURFACE STROKE)
 CONVENTIONAL PARKERSBURG UNIT
 30 HP ELECTRIC MOTOR WITH 50 HP SPOCC VFD
 VFD INSTALLED
 RUN TIME: 24 HRS PER DAY
 1.25" X 16' POLISHED ROD WITH LINER ASSEMBLY (16')
 2' PONY ROD ON TOP (7/8" GRADE D) (2')
 1.50" X 8' HARD LINED POLISHED ROD LINER WITH SEAL (8')
 38 - 7/8" GRADE D SUCKER RODS ON TOP (1350')
 83 - 3/4" GRADE D SUCKER RODS ON BOTTOM (2075')
 2 - 1.50" X 25' SINKER BAR ON TOP OF PUMP (50')
 ONE 2' X 7/8" GRADE D PONY ROD ON BOTTOM (TOP OF PUMP) (2')
 SPEED RANGE: 4 (7.7) TO 14.4 SPM
 MAX. SPEED: 14.4 SPM
 MAX. DISPLACEMENT: 475 BPD (2.00" BORE PUMP)
 MAX. DISPLACEMENT: 900 BPD (2.75" BORE PUMP W/TUBING ANCHOR)

TUBULARS

PURPOSE SIZE	CONDUCTOR 13 3/8"	SURFACE 8 5/8"	INTERMEDIATE	PRODUCTION 5 1/2"	PROD. TUBING 2 7/8"
WEIGHT	NONE	2,946 PSIG	NONE	15.5 LB/FT	6.40 LB/FT
GRADE	NONE	J-55	NONE	J-55	J-55
BURST	NONE	24.0 LB/FT	NONE	4,812 PSIG	7,265 PSIG
COLLAPSE	NONE	381,395 LBF	NONE	4,043 PSIG	7,676 PSIG
YIELD	NONE	1,434 PSIG	NONE	248,274 LBF	99,661 LBF
CAPACITY	NONE	0.064 BBL/FT	NONE	0.024 BBL/FT	0.006 BBL/FT
THICKNESS	NONE	0.2640"	NONE	0.2750"	0.2170"
ID	NONE	8.0970"	NONE	4.9500"	2.4410"
DRIFT ID	NONE	7.9720"	NONE	4.8250"	2.3470"
AREA	NONE	51.49 IN2	NONE	19.42 IN2	4.68 IN2
SETTING DEPTH	NONE	305'	NONE	3,622'	3547' TO PUMP
LENGTH	NONE	305'	NONE	3,622'	NEED 3591'
FOB	NONE	CHASE, KS	NONE	CHASE, KS	CHASE, KS
COST	NONE	\$ / FT	NONE	\$ / FT	\$ / FT

DATE	09/20/2013
APPROVED BY	B. KELSO
AFE	TBD
API No.	15035245380000
GL ELEVATION	1215'
KB	8'
KB ELEVATION	1223'
RIG	FOSSIL #2

10 TO 30 BWPD & TRACE OF OIL NOT ACIDIZED YET

UNKNOWN AFTER FRAC AFTER FRAC WELLBORE FULL OF OIL

420+ BWPD & 2 BOPD GROSS

200 BWPD & TRACE OF OIL

DOWN HOLE SUCKER ROD PUMP:
 2.00" INSERT PUMP
 PUMP LENGTH: 16' (NICARD AND SS)
 BOTTOM HOLD DOWN TYPE
 TRAVELING BARREL
 2' X 7/8" PONY ROD ON TOP OF PUMP
 8' GAS SEPARATOR ON THE BOTTOM
 PUMP INTAKE DEPTH: 3178'
 GAS IS VENTING AT WELL HEAD (TUBING/CASING)
 PUMP SETTING ABOVE PERFS FRACED FOR NEXT 60 DAYS FOR SAND PROTECTION

PBTD: 3591' MD TVD
 RTD: 3633' MD TVD.
 LTD: 3626' MD TVD
 DOWNHOLE TEMP: 125 DEG F

BOGNER A #1
 COWLEY COUNTY, KANSAS
 22-T33S-R05E
 SHL: 1825 FSL, 3145 FEL
 VERTICAL WELLBORE
 ALBRIGHT FIELD

