

**Kansas Corporation Commission
Oil & Gas Conservation Division
WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

Form ACO-1
September 1999
Form Must Be Typed

ORIGINAL

Operator: License # 5058
Name: CORSAIR ENERGY, LC
Address: 209 E William, Ste 220
City/State/Zip: Wichita, KS 67202
Purchaser: NA D&A
Operator Contact Person: Jim Collins
Phone: (316) 267.7779

Contractor: Name: Duke Drilling Co., Inc.
License: 5929
Wellsite Geologist: Tim Hellman

Designate Type of Completion:

<input checked="" type="checkbox"/> New Well	<input type="checkbox"/> Re-Entry	<input type="checkbox"/> Workover
Oil	SWD	SIOW Temp. Abd.
Gas	ENHR	SIGW
<input checked="" type="checkbox"/> Dry	Other (Core, WSW, Expl., Cathodic, etc.)	

If Workover/Re-entry: Old Well info as follows:

Operator: _____
Well Name: _____
Original Comp. Date _____ Original: Total Depth _____
Deepening _____ Re-perf. _____
Plug Back _____ Plug Back Total Depth _____
Comingled _____ Docket No. _____
Dual Completion _____ Docket No. _____
Other (SWD or Enhr.?) _____ Docket No. _____

1/16/02 2/4/02 2.6.02
Spud Date or Date Reached TD Compl. Date or
Recompletion Date Recompletion Date

API No. 15- 033-21296-0000
County: Comanche, KS
N/2 NW-NW-SE-Sec. 12 Twp. 33S. R. 18W. East X West
2535 FSL feet from (S) N (circle one) Line of Section
2250 FEL feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE (SE) NW SW
Lease Name: Roberta Todd Well #: 1-12
Field Name: Annamae
Producing Formation: D&A
Elevation: Ground 1906 Kelly Bushing: 1915
Total Depth: 6050' Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 638 FT
Multiple Stage Cementing Collar Used? Yes X 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 15,000 ppm Fluid volume 400 bbls
Dewatering method used Haul free fluids cut windows allow to dry, close.
Location of fluid disposal if hauled offsite: _____
Operator Name KBW
Lease Name: Harmon SWD License No.: 5993
Quarter NW Sec. 11 Twp. 33 S R. 20 W East X West
County: Comanche Docket No.: 22304

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP- 111 form with all temporarily abandoned wells.

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.

Signature: *Jim Collins*
Title: Managing Member Date: 2/24/02

Subscribed and sworn to before me this 24th day of February, 2002

Notary Public: Virginia Lee Smith
Date Commission Expires: August 25, 2004

KCC Office Use Only

NO Letter of Confidentiality Attached
If Denied, Yes Date: _____

Wireline Log Received
 Geologist Report Received
 UIC Distribution

VIRGINIA LEE SMITH
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 8/25/04

✓

X

Operator Name: Corsair Energy, LC Lease Name: Roberta Todd Well #: 1-12

Sec. 12 Twp. 33S R. 18W East West County: Comanche, KS

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressures reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <i>(Attach additional Sheets)</i>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<table border="1"> <tr> <td><input checked="" type="checkbox"/> Log</td> <td>Formation (Top), Depth and Datum</td> <td>Sample</td> </tr> <tr> <td>Name:</td> <td>Top</td> <td>Datum</td> </tr> <tr> <td>Heebner</td> <td>4202</td> <td>-2287</td> </tr> <tr> <td>Brown Lime</td> <td>4389</td> <td>-2474</td> </tr> <tr> <td>Lansing</td> <td>4410</td> <td>-2495</td> </tr> <tr> <td>BKC</td> <td>4875</td> <td>-2960</td> </tr> <tr> <td>Marmaton</td> <td>4889</td> <td>-2974</td> </tr> <tr> <td>Pawnee</td> <td>4984</td> <td>-3069</td> </tr> <tr> <td>Ft. Scott</td> <td>5015</td> <td>-3100</td> </tr> <tr> <td>Cherokee SH</td> <td>5025</td> <td>-3110</td> </tr> <tr> <td>Miss</td> <td>5087</td> <td>-3172</td> </tr> <tr> <td>Viola</td> <td>5654</td> <td>-3739</td> </tr> <tr> <td>Simpson Dolo.</td> <td>5820</td> <td>-3905</td> </tr> <tr> <td>Arbuckle</td> <td>5998</td> <td>-4083</td> </tr> </table>	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	Sample	Name:	Top	Datum	Heebner	4202	-2287	Brown Lime	4389	-2474	Lansing	4410	-2495	BKC	4875	-2960	Marmaton	4889	-2974	Pawnee	4984	-3069	Ft. Scott	5015	-3100	Cherokee SH	5025	-3110	Miss	5087	-3172	Viola	5654	-3739	Simpson Dolo.	5820	-3905	Arbuckle	5998	-4083
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Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No																																											
Cores Taken	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No																																											
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No																																											
List All E. Logs run:	CNDL, DIL, MICRO, SONIC																																												

CASING RECORD <input checked="" 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
Conductor		20"	55#	90'	Class A	185	3%cc, 2% gel
Surface	12 1/4"	8 5/8"	23#	638'	A-con/common	375	3%cc, 2% gel

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent of 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		Acid, Fracture, Shot, Cement Squeeze Record		Depth
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)		

TUBING RECORD	Size	Set At	Packer At	Liner Run
				Yes <input type="checkbox"/> No <input type="checkbox"/>

Date of First, Resumed Production, SWD or Enhr.	Producing Method
	<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain)

Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio	Gravity

Disposition of Gas	METHOD OF COMPLETION	Production Interval
Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <input type="checkbox"/>	Open Hole <input type="checkbox"/> Dual Comp. <input type="checkbox"/> Commingled <input type="checkbox"/>	
<i>(If vented, Submit ACO-18.)</i>	Other (Specify) _____	

15-033-21296-0000

RECEIVED
KANSAS CORPORATION COMMISSION

CEMENTING LOG

STAGE NO. ORIGINAL
FEB 25 2002



Date 2-5-02 District Med Lodge Ticket No. 39058
 Company Porsar Energy LLC Rig Duke #4
 Lease Roberta Todd Well No. 1-12
 County Comanche State KS
 Location Coldwater Airport Rd Field W-335-18w
5 E 33 S

CEMENT DATA:
 Spacer Type: _____
 Amt. _____ Skys Yield _____ Density _____ PPG _____

CASING DATA: PTA Squeeze
 Surface Intermediate Production Liner
 Size 8 7/8 Type _____ Weight 27 Collar _____

LEAD: Pump Time _____ hrs. Type _____
 Excess _____
 Amt. _____ Skys Yield _____ ft³/sk Density _____ PPG _____

Casing Depths: Top _____ Bottom 638

TAIL: Pump Time _____ hrs. Type 60-40-6
 Excess 4" Flo seal
 Amt. 175 Skys Yield 158 ft³/sk Density 13.8 PPG _____

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size 7 7/8 T.D. 6050 ft. P.B. to _____ ft.

WATER: Lead _____ gals/sk Tail _____ gals/sk Total _____ Bbls.
 Pump Trucks Used 343 Mark B
 Bulk Equip. 323 Mike R

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. .0637 Lin. ft./Bbl. 15.70
 Open Holes: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbls/Lin. ft. .0142 Lin. ft./Bbl. 70.32
 Annulus: Bbls/Lin. ft. .0406 Lin. ft./Bbl. 24.64
 Bbls/Lin. ft. .0440 Lin. ft./Bbl. 22.72
 Perforations: From _____ ft. to _____ ft. Amt. _____

Float Equip: Manufacturer _____
 Shoe: Type _____ Depth _____
 Float: Type _____ Depth _____
 Centralizers: Quantity _____ Plugs Top _____ Btm. _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type H₂O + Mud Amt. _____ Bbls. Weight _____ PPG _____
 Mud Type Chemical Weight 9.1 PPG _____

COMPANY REPRESENTATIVE Calen Peach

CEMENTER Justin Hart

TIME AM/PM	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
11:45				83	6	65 Fresh H ₂ O @ 1050'
				14		Mix 50 sx 60-40-6 @ 13.8
				80		Disp 3 BBLs + 77 BBLs Mud
12:30 AM				85		@ 1900' 85 BBLs Fresh H ₂ O
				14		Mix 50 sx 60-40-6 @ 13.8
				8		Disp 3 H ₂ O + 5 Mud
				86		Load Hole
1:00				14		@ 240' 85 BBLs H ₂ O ahead
				5		Mix 50 sx 60-40-6 @ 13.8
						Disp 3 H ₂ O + 2 Mud
				3	3	@ 40' load hole
						10 sx 60-40-6 @ 13.8
1:45		1175		4	3	15 sx 60-40-6 Rat Hole

FEB 25 2002

2-25-02

CONSERVATION DIVISION
WICHITA, KS

TREATMENT REPORT



Field Order # 4387	Station Pratt, KS.	Casing 8 5/8	Depth 638'	County Comanche	Date 1-17-02
Type Job SURFACE - NEW WELL	Formation	Lease ROBERTA TODD	Well # 1-12	State KS.	Legal Description 12-33-18
Customer ID		Customer CORSTAR ENERGY		Lease No.	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 8 5/8	Tubing Size	Shots/Ft		Acid - 175 SK A-CON		RATE	PRESS	ISIP
Depth 638'	Depth	From	To	Pro-Pad - 3 3/4 CC, 1/4" C.F.	Max			5 Min.
Volume	Volume	From	To	Pad - 100 SK COMMON	Min			10 Min.
Max Press	Max Press	From	To	Pro - 3 3/4 CC, 2 1/2" GEL	Avg			15 Min.
Well Connection	Annulus Vol.	From	To	Flush - 1/4" C.F.	HHP Used			Annulus Pressure
Plug Depth	Packer Depth	From	To		Gas Volume			Total Load

Customer Representative: G. RAOUL Station Manager: D. AUTRI Treater: K. CONLEY

Service Units	107	-35	57	38	72
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
0500					DIV LOCATION
					RUN 638' 8 5/8 C.S.G. RUN
					TEXAS PATTERN SHO, BAFFLE PLATE
					DN 1" COLLAR. BENT - 3-12
					BASKET ON MIDDLE OF #13
					TAG BOTTOM, SPECIAL CIRC.
1215	200		0	6	START MIX CEMENT
					175 SK. A-CON CEMENT
					100 SK. COMMON CEMENT
	100		116	6	FRESH MIX CEMENT
					SHUT DOWN - REVERSE PUMP
	0		0	6	START DESP.
1300	400		38	2	PUMP DOWN
					NO CORE CEMENT
					RUN LINE - TAG CEMENT
					AT 85'
					RUN 1" TUBING - STABIL OUT 80'
1615		100	21	2	PUMP 100 SK. COMMON 3 3/4 CC
					CORE CEMENT - COLLAR STAND FEEL
1630					JOB COMPLETE

THANKS - KEVIN