

ORIGINAL

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

Operator: License # 33583  
Name: Admiral Bay (USA) Inc.  
Address: 7060B S. Tucson Way  
City/State/Zip: Centennial, CO 80112  
Purchaser: Southern Star  
Operator Contact Person: Steven Tedesco  
Phone: (303) 350-1255  
Contractor: Name: BC Steel  
License: 33711  
Wellsite Geologist: Brian Walsh

Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SIOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 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.  Conv. to Enhr./SWD  
 Plug Back \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_  
 Commingled Docket No. \_\_\_\_\_  
 Dual Completion Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?) Docket No. \_\_\_\_\_

6/30/06	7/13/06	7/31/06
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

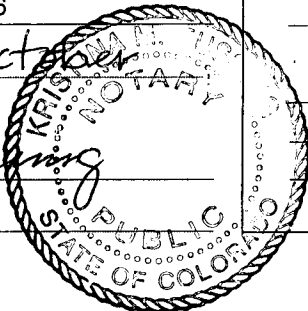
API No. 15 - 001-29425-00-00  
County: Allen  
     -      -      sw - se Sec. 23 Twp. 26 S. R. 17  East  West  
680 fsl \_\_\_\_\_ feet from (S) / N (circle one) Line of Section  
1895 fel \_\_\_\_\_ feet from (E) / W (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE (SE) NW SW  
Lease Name: Johnson Well #: 15-23  
Field Name: Humboldt-Chanute  
Producing Formation: Riverton Coal  
Elevation: Ground: 947 Kelly Bushing: \_\_\_\_\_  
Total Depth: 1185 Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 21 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 AH II MR  
*(Data must be collected from the Reserve Pit)* 12-2-08  
Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls  
Dewatering method used \_\_\_\_\_  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**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 form 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: [Signature]  
Title: President Date: 10/3/06  
Subscribed and sworn to before me this 3rd day of October  
20 06.  
Notary Public: [Signature]  
Date Commission Expires: 5-22-08



**KCC Office Use ONLY**

Letter of Confidentiality Received  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

**RECEIVED**  
KANSAS CORPORATION COMMISSION  
OCT 03 2006

CONSERVATION DIVISION  
WICHITA, KS

Operator Name: Admiral Bay (USA) Inc. Lease Name: Johnson Well #: 15-23  
 Sec. 23 Twp. 26 S. R. 17  East  West County: Allen

**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 copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Submit Copy)</i>  List All E. Logs Run:  <b>Density-Neutron, Gamma Ray</b>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table border="0" style="width: 100%;"> <tr> <td style="width: 60%;">Name</td> <td style="width: 20%;">Top</td> <td style="width: 20%;">Datum</td> </tr> <tr> <td>Excello</td> <td>679</td> <td>268</td> </tr> <tr> <td>Upper Riverton</td> <td>1069</td> <td>-122</td> </tr> <tr> <td>McGown Drilling</td> <td>1090</td> <td>-143</td> </tr> </table>	Name	Top	Datum	Excello	679	268	Upper Riverton	1069	-122	McGown Drilling	1090	-143
Name	Top	Datum											
Excello	679	268											
Upper Riverton	1069	-122											
McGown Drilling	1090	-143											

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
Surface	9 5/8	8 5/8	20	20	Portland	5	
Production	6 3/4	4 1/2	9.5	1175	Thickset	124	Kol & Flo seal; gel

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 (Amount and Kind of Material Used)	Depth
3	1069' to 1071'	4200# 20/40 sand; 3700# 12/20 sand; 470 bbls water	1069-1071
3	1076' to 1077'		1076-1077

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**WICHITA, KS**

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First, Resumerd Production, SWD or Enhr. <b>9/7/06</b>		Producing Method <input type="checkbox"/> Flowing <input checked="" 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    Sold    Used on Lease     
  Open Hole    Perf.    Dually Comp.    Commingled  
*(If vented, Submit ACO-18.)*     
  Other (Specify) \_\_\_\_\_

CONSOLIDATED OIL WELL SERVICES, INC.  
 P.O. BOX 884, CHANUTE, KS 66720  
 620-431-9210 OR 800-467-8676

TICKET NUMBER 08771  
 LOCATION Ottawa KS  
 FOREMAN Fred Mader

TREATMENT REPORT & FIELD TICKET  
 CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
7-26-06	1067	Johnson # 15-23	23	26	17	AL
CUSTOMER Admiral Bay Resources			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS 410 N. State			506	Fred	122	Abbie
CITY Iola			164	Ric Arb		
STATE KS			505-T106	Mar Wil		
ZIP CODE 66749			491	And Fre (B. Ville)		

JOB TYPE Long string HOLE SIZE 6 3/4 HOLE DEPTH 1185 CASING SIZE & WEIGHT 4 1/2  
 CASING DEPTH 11750 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 4 1/2" Plug  
 DISPLACEMENT 18.65 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 4 BPM

REMARKS: Establish Circulation. Mix & Pump 200# Premium  
Coal Flush. Mix & Pump 13 BBL Telltale dye  
Mix & Pump 130 SKs Thickset Cement w/ 5# Kol Seal  
+ 1/4" Flo Seal per sack. Flush pump + lines clean.  
Displace 4 1/2" Rubber plug to casing TD w/ 18.65 BBL  
Fresh water. Pressure to 650# PSI. Release pressure  
to set Float Valve. Check plug depth w/ measuring  
line.  
 Fred Mader

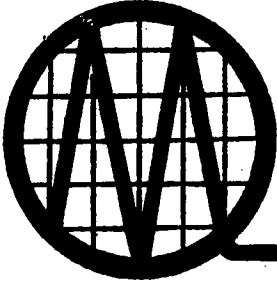
ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE Cement Pump 164		800.00
5406	2 mi	MILEAGE Pump Truck 164		6.30
5407A	2.773 Ton	Ton Mileage 122		203.82
5407A.40	3.337 Ton	Ton Mileage 491		245.37
5502 5501C	2 1/2 hrs	Transport 505-T106		245.00
1126A	57 SKs	Thickset Cement		835.05
1126A.40	67 SKs	Thickset Cement		981.55
1118B	200#	Premium Coal		28.00
1100A	295#	Kol Seal		106.20
1110A.40	355	Kol Seal		127.80
1107	18#	Flo Seal	32.90	592.20
1107.40	15#	Flo Seal	27.00	405.00
4404	1	4 1/2" Rubber Plug		40.00
Sub Total				3678.39
WO# 207581				
207582				
Tax @ 6.3%				197.21
SALES TAX				197.21
ESTIMATED TOTAL				3875.60

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 WICHITA, KS  
 OCT 06 2006

AUTHORIZATION \_\_\_\_\_

TITLE \_\_\_\_\_

DATE \_\_\_\_\_



# MIDWEST SURVEYS

LOGGING • PERFORATING • CONSULTING • M.I.T. SERVICES

P. O. Box 68 • Osawatomie, KS 66064

Phone 913-755-2128 • Fax 913-755-6533

## Perforation Record

Company: Admiral Bay Resources, Inc.

Lease/Field: Johnson Lease

Well: # 15-23

County, State: Allen County, Kansas

Service Order #: 17304

Purchase Order #: N/A

Date: 7/31/2006

Perforated @: 1069.0 to 1071.0 9 Perfs  
1076.0 to 1077.0 5 Perfs

Type of Jet, Gun  
or Charge: 3 3/8" DP-23 Gram Tungsten Expendable Casing Gun

Number of Jets,  
Guns or Charges: Fourteen (14)

Casing Size: 4.5"

CONSOLIDATED OIL WELL SERVICES, INC.  
 211 W. 14TH STREET, CHANUTE, KS 66720  
 620-431-9210 OR 800-487-8676

#2 of 2

TICKET NUMBER 36677  
 FIELD TICKET REF # 29980  
 LOCATION Chanute  
 FOREMAN Brad Purby

TREATMENT REPORT  
 FRAC & ACID

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
8/8/09	1067	Johnson 15-23	23	26	17	AL
CUSTOMER: <u>Admiral Bay</u>						
MAILING ADDRESS						
CITY			STATE		ZIP CODE	
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TRUCK #		DRIVER		TRUCK #		DRIVER
293		Geat				
449		Charles				
824		Steve				
487		Kandy				
453/1790		Matt				
371		Danny				

WELL DATA	
CASING SIZE <u>4 1/2"</u>	TOTAL DEPTH
CASING WEIGHT	PLUG DEPTH
TUBING SIZE	PACKER DEPTH
TUBING WEIGHT	OPEN HOLE
PERFS & FORMATION	
<u>Reventon</u>	<u>1069-71 2' (2)</u>
	<u>1076-77 1' (2)</u>

TYPE OF TREATMENT	
<u>Acid Ball-off / Done</u>	
CHEMICALS	
<u>Max Flo</u>	
<u>Precede</u>	
<u>Acid .15%</u>	
<u>Yankin</u>	

STAGE	BBL'S PUMPED	INJ RATE	PROPPANT PPG	SAND / STAGE	PSI	
<u>Pad</u>	<u>100</u>	<u>4-8-12-14.7</u>			<u>310-505</u>	BREAKDOWN <u>516</u>
<u>Suds on bottom. Shut down for repair.</u>						START PRESSURE <u>475</u>
<u>Re Pad</u>	<u>30</u>	<u>4-8-12-14.9</u>			<u>204-404</u>	END PRESSURE <u>320</u>
<u>20/40</u>		<u>15</u>	<u>1.25-1.5</u>	<u>2000#</u>	<u>475</u>	BALL OFF PRESS <u>1795</u>
<u>20/40</u>		<u>15</u>	<u>1.25-1</u>		<u>470-484</u>	ROCK SALT PRESS
<u>12/20</u>		<u>15</u>	<u>0.5-1.25-1</u>	<u>2100#</u>	<u>450-425</u>	15HP <u>167</u>
<u>20/40</u>	<u>(5 BALLS)</u>	<u>15</u>	<u>.5-</u>		<u>83-769</u>	5 MIN <u>61</u>
<u>/</u>		<u>15</u>	<u>.5-.75</u>	<u>2200</u>	<u>735</u>	10 MIN
<u>/</u>		<u>15</u>	<u>1</u>		<u>710</u>	15 MIN
<u>12/20</u>		<u>15</u>	<u>.5-.75</u>	<u>1600#</u>	<u>710-695</u>	MIN RATE <u>4</u>
		<u>15</u>	<u>1</u>		<u>675</u>	MAX RATE <u>15</u>
<u>FLUSH</u>	<u>54</u>	<u>15-8</u>			<u>660-320</u>	DISPLACEMENT <u>17.1</u>
<u>OVER FLUSH</u>	<u>37</u>					
<u>TOTAL</u>	<u>1470 Bbls</u>			<u>7900#</u>		

REMARKS:  
 Shut 100 gal 15% HCL. Pressure up for production. Shut & stop.  
 Reestablish 4PM run 200 gal 15% HCL (12/20).  
 No balls!! Release balls. Start from pad.

AUTHORIZATION Jim Morris TITLE \_\_\_\_\_ DATE \_\_\_\_\_

Brown & California  
W 1/4 N. Sec.

**STIMULATION DESIGN**

WELL - JOHNSON 15 - 23

FIELD - SHILOH

FORMATION - RIVERTON COAL  
PERFORATIONS - 1069 ✓ 1071 & 1076 - 1077

# OF SHOTS - 4 SHOTS PER FOOT

NOTES - SPOT ACID ON PERFS, BREAK DOWN, PUMP AS PER SCHEDULE

ADJUSTING RATE OR SAND CONCENTRATION TO GET TOTAL JOB VOLUME PUT AWAY

18 Holes.

Rec'd 5:00 PM  
8/7/06

STAGE	DESCRIPTION	FLUID	VOLUME BBLs	SAND MESH	SAND CONC	RATE BPM	SAND LBS	CUM BBLs	CUM SAND #
1	SPOT ACID ON PERFS	15% HCL	200 GALS						
2	ACID BREAKDOWN	10#/GAL GUAR	10					10	
3	SHUT DOWN, TAKE ISIP								
4	PUMP PAD	10#/GAL GUAR	75			12-15		85	
5	PUMP SAND STAGE	10#/GAL GUAR	25	20/40	.25	12-15	262.5	110	262.5
6	PUMP SAND STAGE	10#/GAL GUAR	25	20/40	.375	12-15	393.75	135	656.25
7	PUMP SAND STAGE	10#/GAL GUAR	25	20/40	.50	12-15	525	160	1181.25
8	PUMP SAND STAGE	10#/GAL GUAR	50	20/40	.75	12-15	1575	210	2756.25
9	PUMP SAND STAGE	10#/GAL GUAR	25	12/20	0.125	12-15	131.25	235	131.25
10	PUMP SAND STAGE	10#/GAL GUAR	50	12/20	0.25	12-15	525	285	656.25
11	PUMP SAND STAGE	10#/GAL GUAR	50	12/20	.375	12-15	787.5	335	1312.5
12	PUMP SAND STAGE	10#/GAL GUAR	50	12/20	.50	12-15	1050	385	2362.5
13	PUMP FLUSH	WATER	75					460	
		TOTAL DIRTY VOLUME	460			# SAND	5118.75		

SHUT IN OVERNIGHT TO ALLOW FOR COMPLETE GEL BREAK.  
FLOW BACK ON CHOKE INITIALLY TO ALLOW FOR SOLIDS SETTLING  
AFTER 1 HOUR, OPEN WELL TO FULL 2" OPEN VALVE

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WICHITA, KS

OCT 06 2006

CONSERVATION DIVISION  
WICHITA, KS

LINEAR PLOT

Prepared by: Consolidated Oil Well Services

Company Name: Admiral Bay Resources

Well Name: Johnson 15-23

Field: 23-26-17

Formation: Riverton

County: AL

State: KS

Job Date: 08/08/06

Comments: Acid Balloff & Frac Pad

Perfs 1069-71, 1076-77

Surface swedge blowout/ shutdown/repair

Fluids: 110 bbls

Proppants:

Average Rate: 10

Average STP: 400

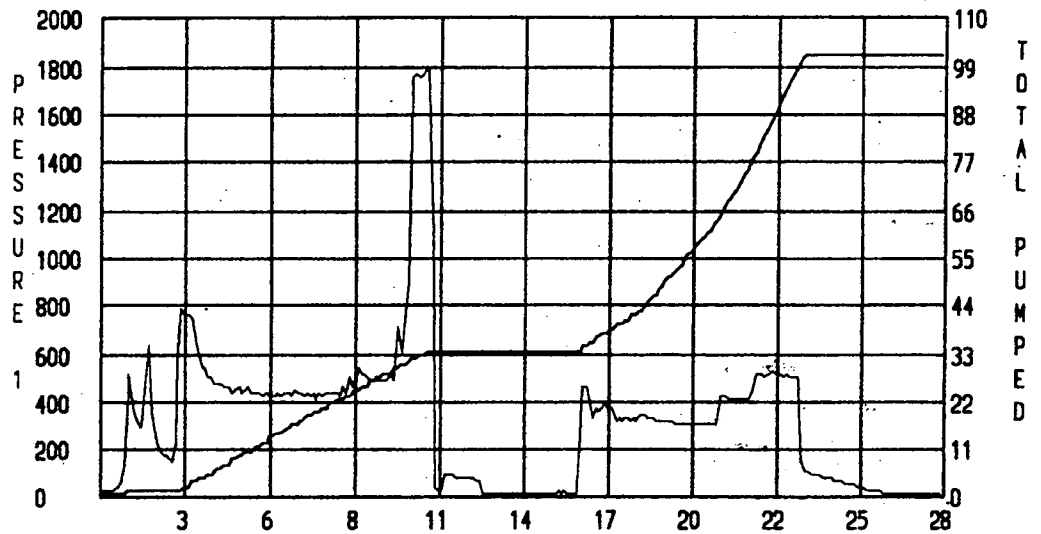
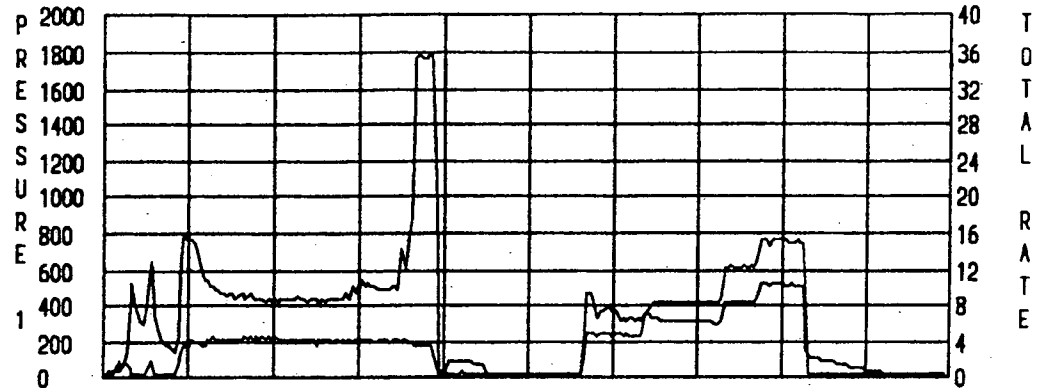
Tubing:

Casing: 4 1/2

Packer:

Filename: 06031706

Closure Pres: 4000



Elapsed Time (min), Start at 13:43:38

OCT 06 2006

CONSERVATION DIVISION  
WICHITA, KS

LINEAR PLOT

Prepared by: Consolidated Oil Well Services

Company Name: Admiral Bay Resources

Well Name: Johnson 15-23

Field: 23-26-17

Formation: Riverton

County: AL

State: KS

Job Date: 08/08/06

Comments: Sand Frac

Perfs 1069-71, 1076-77

Fluids: 470 bbls, 15#, maxflo, bio

Proppants: 4200 20/40, 3700 12/20, 5 balls

Average Rate: 15

Average STP: 600

Tubing:

Casing: 4 1/2

Packer:

Filename: 06031706

Closure Pres: 4000

