

ORIGINAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

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: McGown Drilling
License: 5786

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Wellsite Geologist: None
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. _____
6/16/06 6/20/06 6/21/06
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 207-27010-00-00
County: Woodson
_____ - nw - nw Sec. 34 Twp. 26 S. R. 17 East West
512 fwl _____ feet from S / (N) (circle one) Line of Section
473 fwl _____ feet from E / (W) (circle one) Line of Section

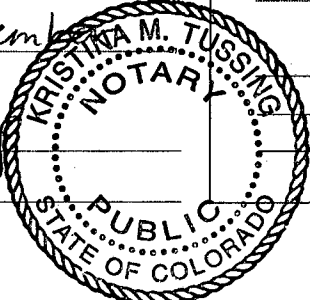
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE (NW) SW
Lease Name: Cooper Well #: 4-34
Field Name: Humboldt-Chanut
Producing Formation: Riverton Coal
Elevation: Ground: 1034 Kelly Bushing: _____
Total Depth: 1259 Plug Back Total Depth: _____
Amount of Surface Pipe Set and 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 Alt II ml
(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: 9/29/06
Subscribed and sworn to before me this 29th day of September
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

Operator Name: Admiral Bay (USA) Inc. Lease Name: Cooper Well #: 4-34
 Sec. 34 Twp. 26 S. R. 17 East West County: Woodson

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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input checked="" 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 checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Electric Log Run <i>(Submit Copy)</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			

List All E. Logs Run:

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CONSERVATION DIVISION
WICHITA, KS

Gamma Ray, Density-Neutron

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	1249	Thickset	152	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 <i>(Amount and Kind of Material Used)</i>	
			Depth
3	1149' to 1152'	2400# 20/40 sand; 4200# 12/20 sand	1149-1152

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumerd Production, SWD or Enhr. 9/1/06	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> 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 *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other *(Specify)*

Production Interval _____

CONSOLIDATED OIL WELL SERVICES, INC.
P.O. BOX 884, CHANUTE, KS 66720
520-431-9210 OR 800-467-8676

TICKET NUMBER 08720
LOCATION Ottawa KS
FOREMAN Fred Mader

TREATMENT REPORT & FIELD TICKET
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
6-21-06	1067	Cooper #4-34	34	26	17	WO
CUSTOMER <u>Admiral Bay Resources</u>			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS <u>410 N State St.</u>			506	FreMad		
CITY <u>Tola</u>			764	Richrb		
STATE <u>KS</u>			195	GerAnd		
ZIP CODE <u>66749</u>			505-7106	MaxMad		

JOB TYPE Long string HOLE SIZE 6 3/4 HOLE DEPTH 1259 CASING SIZE & WEIGHT 4 1/2
CASING DEPTH 1249 DRILL PIPE _____ TUBING _____ OTHER _____
SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 4 1/2" Plug
DISPLACEMENT 19.8 BBL DISPLACEMENT PSI 500* MIX PSI 200* RATE 52 RPM

REMARKS: Establish Circulation. Mix Pump 200* Premium Gel.
Flush. Mix Pump 14 BBL Tell tale dye. Follow w/ 16 @ sks
Thickset Cement 5" Kol Seal 1/4" Flo Seal. Flush pump
clean. Displace 4 1/2" Rubber Plug to casing TD w/ 19.8 BBL
Fresh Water Pressure to 650* PSI Release pressure
to set Float Valve. Check plug depth w/ measuring line.

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Fred

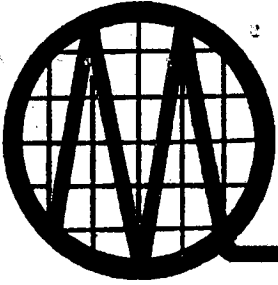
McGowan Drilling. OCT 03 2006

ACCOUNT CODE	QUANTITY or UNITS	CONSERVATION DIVISION	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	WICHITA KS PUMP CHARGE	Cement Pump	164	800.00
5406	25 mi	MILEAGE	Pump Truck	164	236.25
5407A	7.52 Ton	Ton Mileage.		195	592.20
5501C	3 hrs	Transport	505-7106		294.30
1126A	152 SKS		Thickset Cement		2226.80
1110A	800*		Kol Seal		288.00
1107	40 #		Flo Seal		72.00
1118B	200*		Premium Gel		28.00
4404	1		4 1/2" Rubber Plug		40.00
			Sub Total		4577.25
			Tap @ 6.3%		167.25
			SALES TAX		
			ESTIMATED TOTAL		4744.50

AUTHORIZATION _____

TITLE WO#206538

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: Cooper Lease

Well: # 4-34

County, State: Woodson County, Kansas

Service Order #: 17215

Purchase Order #: N/A

Date: 7/07/2006

Perforated @: 1149.0 to 1152.0

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

Number of Jets,
Guns or Charges: Thirteen (13)

Casing Size: 4.5"

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CONSERVATION DIVISION
WICHITA, KS

STIMULATION DESIGN

WELL - COOPER 4 - 34

FIELD - SHILOH

FORMATION - RIVERTON COAL

PERFORATIONS - 1150 - 1152

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

cement 4-21-06

*Drill TD 1259
4 1/2 TD 1249*

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	625	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	625	285	656.25
11	PUMP SAND STAGE	10#/GAL GUAR	50	12/20	.375	12-15	787.5	335	1342.5
12	PUMP SAND STAGE	10#/GAL GUAR	50	12/20	.50	12-15	1050	385	2392.5
13	PUMP FLUSH	WATER	75					460	
TOTAL DIRTY VOLUME			460			# SAND	5446.75		

*1443.75
2993.75*

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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CONSERVATION DIVISION
WICHITA, KS

5250

*28 20/40
25 12/20
53*

CONSOLIDATED OIL WELL SERVICES, INC.
 211 W. 14TH STREET, CHANUTE, KS 66720
 620-431-8210 OR 800-487-8676

2nd well

TICKET NUMBER 36268
 FIELD TICKET REF # 18701
 LOCATION 1/2 way
 FOREMAN Brad Busby

TREATMENT REPORT
 FRAC & ACID

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
7-11-06		Cooper 4-34	34			WO
CUSTOMER Admiral Bay Resources			TRUCK # DRIVER TRUCK # DRIVER			
MAILING ADDRESS			476 Jeff 424 Steve			
CITY STATE ZIP CODE			449 Charlie			
			490 Dustin			
			176 Eric			
			4891103 George			
			459 Aaron			

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>1150-52 (9) River ton</u>	

TYPE OF TREATMENT
Acidpot - Ball-off / Frac

CHEMICALS

<u>Max. 4%</u>	
<u>Acid</u>	
<u>Breaker</u>	
<u>Biocide</u>	

STAGE	BBL'S PUMPED	INJ RATE	PROPPANT PPG	SAND / STAGE	PSI	
<u>PAID</u>	<u>75</u>	<u>4.8-12-14.5</u>				BREAKDOWN <u>924</u>
<u>20-40</u>		<u>14.5</u>	<u>1.25</u>	<u>↓</u>	<u>800</u>	START PRESSURE <u>800</u>
<u>20-40</u>		<u>14.5</u>	<u>1.50</u>	<u>↓</u>	<u>750</u>	END PRESSURE <u>700</u>
<u>20-40</u>	<u>RECEIVED</u>	<u>14.5</u>	<u>1.75</u>	<u>↓</u>	<u>700</u>	BALL OFF PRESS
<u>20-40</u>	<u>KANSAS CORPORATION COMMISSION</u>		<u>1.10</u>	<u>2400#</u>	<u>695</u>	ROCK SALT PRESS
<u>12-20</u>	<u>OCT 03 2006</u>		<u>1.25</u>	<u>↓</u>	<u>200</u>	ISIP <u>511</u>
<u>12-20</u>	<u>CONSERVATION DIVISION</u>		<u>1.50</u>	<u>↓</u>	<u>800</u>	5 MIN <u>219</u>
<u>12-20</u>	<u>WICHITA, KS</u>		<u>1.75</u>	<u>↓</u>	<u>700</u>	10 MIN
<u>12-20</u>			<u>1.10</u>	<u>4200#</u>		15 MIN
			<u>TOTAL</u>		<u>700</u>	MIN RATE <u>4</u>
<u>FLUSH</u>	<u>18</u>	<u>↓</u>	<u>SAND</u>	<u>6,600#</u>	<u>700</u>	MAX RATE <u>14.5</u>
<u>OVERFLUSH</u>	<u>94</u>					DISPLACEMENT <u>18.2</u>
<u>TOTAL</u>	<u>468</u>					

REMARKS: spot 100 gal - 15% HCl acid on perfs / breakdown & acidize
& 4 bpm w/ 100 gal - 15% HCl acid + 5 ballsealers in pad

Location: 8:00PM - 5:00PM 25 miles

AUTHORIZATION Jim Morris TITLE _____ DATE 7-11-06