

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

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: 7060 B S. Tucson Way
City/State/Zip: Centennial, CO 80121
Purchaser: Seminole Energy
Operator Contact Person: Steven Tedesco
Phone: (303) 350-1255
Contractor: Name: McGowan Drilling
License: 5786
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. _____
1/02/06 01/07/06 6/1/06
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

RECEIVED
KANSAS CORPORATION COMMISSION
JUN 30 2006
WICHITA, KS
CONSERVATION DIVISION

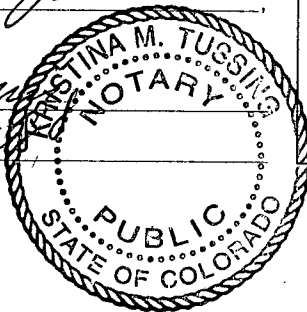
API No. 15 - 001-29304-0000
County: Allen
_____ Nw nw Sec. 31 Twp. 26 S. R. 18 East West
396 feet from S / N (circle one) Line of Section
412 feet from E / W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Markham Well #: 4-31
Field Name: Humboldt-Chanute
Producing Formation: Riverton Coal
Elevation: Ground: 945 Kelly Bushing: _____
Total Depth: 1152 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 21.5' Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 1145
feet depth to surface w/ 150 sx cmt.
Dlg-11-7-08

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content _____ ppm Fluid volume _____ bbls
Dewatering method used air dry
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/CEO Date: 6/28/06
Subscribed and sworn to before me this 28 day of June
2006
Notary Public: [Signature]
Date Commission Expires: 5-22-07



KCC Office Use ONLY
 Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

ORIGINAL

Operator Name: Admiral Bay (USA) Inc.

Lease Name: Markham

Well #: 4-31

Sec. 31 Twp. 26 S. R. 18 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.

<p>Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i></p> <p>Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i></p> <p>List All E. Logs Run: Density-Neutron, Dual Induction, Gamma Ray</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td><input type="checkbox"/> Log</td> <td>Formation (Top), Depth and Datum</td> <td><input checked="" type="checkbox"/> Sample</td> </tr> <tr> <td>Name</td> <td>Top</td> <td>Datum</td> </tr> <tr> <td>Excello</td> <td>644</td> <td>301</td> </tr> <tr> <td>Riverton Coal</td> <td>1028</td> <td>-83</td> </tr> <tr> <td>Mississippian</td> <td>1042</td> <td>-97</td> </tr> </table>	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input checked="" type="checkbox"/> Sample	Name	Top	Datum	Excello	644	301	Riverton Coal	1028	-83	Mississippian	1042	-97
<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input checked="" type="checkbox"/> Sample														
Name	Top	Datum														
Excello	644	301														
Riverton Coal	1028	-83														
Mississippian	1042	-97														

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
Surface	9 5/8"	8 5/8	20	21.5'	Portland	5	None
Long String	6 3/4"	4 1/2"	9.5	1,145'	Portland	143	flo seal

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
4 shots	1,028' to 1,031'	5500 lbs sand, 1020 bbls water	All

TUBING RECORD		Size <u>2 3/8</u>	Set At <u>1,000'</u>	Packer At <u>None</u>	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. Producing			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. <u>0</u>	Gas Mcf <u>18</u>	Water Bbls. <u>100</u>	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 _____

L S Well Service, L.L.C.# 33374
 543 22000 ROAD
 CHERRYVALE, KANSAS 67335-8515
 620-328-4433 OFFICE

Shiloh
 Markham
 4-31

TICKET NUMBER 20060104
 LOCATION Allen Co. KS
 FOREMAN JL BBDH

CEMENT TREATMENT REPORT

API # 15-001-29304-00-00

DATE <u>1-04-06</u>		WELL NAME <u>MARKIM LR-31</u>	
SECTION <u>31</u>	TOWNSHIP <u>26</u>	RANGE <u>18</u>	COUNTY <u>Allen</u>
CUSTOMER			
MAILING ADDRESS			
CITY			
STATE		ZIP CODE	
TIME ARRIVED ON LOCATION			

Hole	Pipe	Annual Volume in Linear Ft./Bl.
8 3/4"	4 1/2"	40.5
8 1/2"	4 1/2"	48
6 1/4"	2 1/2"	33.5
5 1/4"	2 1/2"	53.5
5 1/4"	2"	47
5 1/2"	2 1/2"	41
Tubing-Linear Ft./Bl.		
11"	8 5/8"	15
10"	7"	24
4 1/2"	10.5 lb.	63.1
2 1/2"		170
2"		250

WELL DATA	
HOLE SIZE	<u>8 7/8"</u>
TOTAL DEPTH	<u>8150'</u>
CASING SIZE	<u>4 1/2" = 10.5</u>
CASING DEPTH	<u>8145'</u>
PACKER DEPTH	
WIRE LINE READING BEFORE	
WIRE LINE READING AFTER	

TYPE OF TREATMENT

() SURFACE PIPE

PRODUCTION CASING

() SQUEEZE CEMENT

() PLUG AND ABANDON

() PLUG BACK

() MISP. PUMP

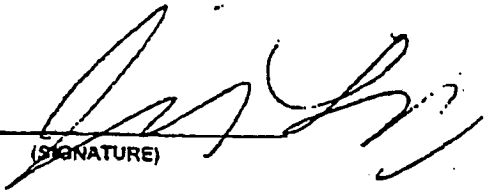
() WASH DOWN

() OTHER

INSTRUCTIONS PRIOR TO JOB _____

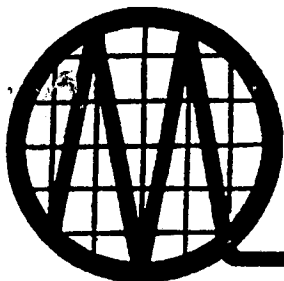
AUTHORIZATION TO PROCEED	TITLE	DATE
HOOKED ONTO <u>5 GEL, 1 COTTON, 2 MET 80</u>	"CASING. ESTABLISHED CIRCULATION WITH <u>40</u> BARRELS OF WATER,	
<u>150</u> SACKS OF <u>OWC</u>	CEMENT, THEN DROPPED RUBBER PLUG, THEN	
PUMPED <u>15</u> BARRELS OF WATER.		

- () LANDED PLUG ON BOTTOM AT _____ PSI
- () SHUT IN PRESSURE _____
- () LOST CIRCULATION
- GOOD CEMENT RETURNS
- () TOPPED OFF WELL WITH _____ SACKS
- SET FLOAT SHOE - SHUT IN


 (SIGNATURE)

\$3600.00 B/D

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 KANSAS CORPORATION COMMISSION
JUN 30 2006
 CONSERVATION DIVISION
 WICHITA, KS



MIDWEST SURVEYS

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

P. O. Box 68 • Osawatomie, KS 66064

Phone 913-755-2128

RECEIVED
KANSAS CORPORATION COMMISSION

JUN 30 2006

CONSERVATION DIVISION
WICHITA, KS

Perforation Record

Company: Dorado Gas Resources, LLC

Lease/Field: Markham Lease

Well: # 4-31

County, State: Allen County, Kansas

Service Order #: 16742

Purchase Order #: N/A

Date: 1/23/2006

Perforated @: 1028.0 to 1031.0

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"