

ORIGINAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

RECEIVED

JAN 08 2007

Form ACO-1  
September 1999  
Form Must Be Typed  
Mound Valley

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: Carol Sears  
Phone: (303) 350-1255  
Contractor: Name: HAT Drilling LLC  
License: 33734  
Wellsite Geologist: Greg Bratton

Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SLOW  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. \_\_\_\_\_

7/18/06	7/19/06	7/26/06
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 099-23926-0000  
County: Labette  
SE NW Sec. 35 Twp. 33 S. R. 18  East  West  
1959 feet from S /  (N) (circle one) Line of Section  
2038 feet from E /  (W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE  (NW) SW  
Lease Name: O'Brien Well #: 6-35

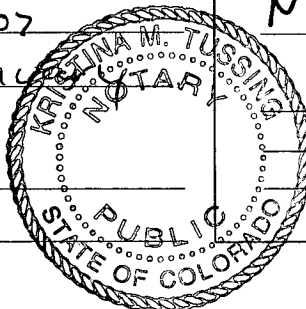
Field Name: Mound Valley  
Producing Formation: Riverton  
Elevation: Ground: 834' Kelly Bushing: \_\_\_\_\_  
Total Depth: 905' Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at \_\_\_\_\_ Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ 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) *ALT II with 12-7-07*  
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: Carol A. Sears  
Title: Land Administrator Date: 1/3/07  
Subscribed and sworn to before me this 3rd day of January  
20 07.  
Notary Public: Kristina M. Tussing  
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: O'Brien Well #: 6-35  
 Sec. 35 Twp. 33 S. R. 18  East  West County: Labette

**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:  High Resolution Compensated Density Neutron Log Gamma Ray/Neutron/CCL Log Dual Induction LL3/GR Log Mud Log	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:70%;">Name</td> <td style="width:15%;">Top</td> <td style="width:15%;">Datum</td> </tr> <tr> <td>Excello</td> <td>321'</td> <td>513'</td> </tr> <tr> <td>Riverton</td> <td>791'</td> <td>43'</td> </tr> <tr> <td>Mississippian</td> <td>805'</td> <td>29'</td> </tr> </table>	Name	Top	Datum	Excello	321'	513'	Riverton	791'	43'	Mississippian	805'	29'
Name	Top	Datum											
Excello	321'	513'											
Riverton	791'	43'											
Mississippian	805'	29'											

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	898'	Portland	100	
Production	6 3/4	4 1/2	9 1/2		Thickset		Kol & Flo seal; gel

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose: <input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	Depth Top Bottom	Type of Cement	#Sacks Used	RECEIVED KANSAS CORPORATION COMMISSION JAN 08 2007 CONSERVATION DIVISION WICHITA, KS

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	791.0' - 794.0'	2700# 20/40; 1000# 12/20; 470 bbls water;  200 gal 15% HCL acid	791.0' - 794.0'

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>N/A</b>			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  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 06742  
 LOCATION BV  
 FOREMAN Steve Johnson

TREATMENT REPORT & FIELD TICKET  
 CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
7-24-06	10607	OBIDEN 6-35				Labette
CUSTOMER			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS			467	Kirk		
CITY			491	Dallas		
STATE			TP	EARLS		
ZIP CODE						
JOB TYPE	HOLE SIZE	HOLE DEPTH	CASING SIZE & WEIGHT			
Long string	6 3/4	90.5	4 1/2			
CASING DEPTH	DRILL PIPE	TUBING	OTHER			
895'						
SLURRY WEIGHT	SLURRY VOL	WATER gal/sk	CEMENT LEFT in CASING			
			0			
DISPLACEMENT	DISPLACEMENT PSI	MIX PSI	RATE			
14.3	500	0	60			

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 CONSERVATION DIVISION  
 WICHITA, KS

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE Long string		800.00
5406	6.5	MILEAGE		204.75
5407	mi.g.	Bulk delivery		275.10
5402	895'	Footage		152.15
5501L	2 1/2 hrs	Transport		285.00
1126A	100 sq	Thickset cement		1465.00
1101	800 #	ouc		-
1102	200 #	Calcium		-
1118B	400 #	GEL		-
1110A	500 #	Kalseal		180.00
1118B	100 #	GEL		14.00
1123	4000 gals.	city water		51.20
4404	1	4 1/2 plug		40.00
				\$114.64
			SALES TAX	<del>10.20</del>
			ESTIMATED TOTAL	<del>3597.30</del>

AUTHORIZATION J. Powell # 207482 TITLE \_\_\_\_\_ DATE 1-18-07



**CONSOLIDATED**  
OIL WELL  
SERVICES  
AN INFINITY COMPANY

1530 S. SANTA FE, CHANUTE, KS 66720  
620-431-9210 OR 800-467-8676

RECEIVED  
KANSAS CORPORATION COMMISSION

JAN 08 2007 TICKET NUMBER 30670

CONSERVATION DIVISION  
WICHITA, KS LOCATION Thayer

FIELD TICKET

*ORDEN #6-35*

DATE <i>8/21/06</i>	CUSTOMER ACCT # <i>1067</i>	WELL NAME <i>ORDEN #35</i>	QTR/QR	SECTION <i>35</i>	TWP	RGE	COUNTY <i>LTB</i>	FORMATION <i>Rubin</i>
CHARGE TO <i>Admiral Bay</i>				OWNER				
MAILING ADDRESS				OPERATOR				
CITY & STATE				CONTRACTOR				

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	UNIT PRICE	TOTAL AMOUNT
5702B	1	PUMP CHARGE <i>1000 Ft Counts</i>		<i>1800<sup>00</sup></i>
57020		<i>acid ball off w/ frac pump</i>		
5302	1	<i>acid spot</i>		<i>305<sup>00</sup></i>
5610	1	<i>acid delivery</i>		<i>160<sup>00</sup></i>
5711	1	<i>frac ball</i>		<i>490<sup>00</sup></i>
3107	<i>500</i>	<i>15% HCL 100+200+200</i>		<i>650<sup>00</sup></i>
4326	<i>10</i>	<i>7/8" ballsealers</i>		<i>22.60</i>
1123		<i>water (customers)</i>		
1231	<i>300</i>	<i>frac ball</i>		<i>1365<sup>00</sup></i>
1208	<i>1</i>	<i>bleeder</i>		<i>164.25</i>
1254	<i>10</i>	<i>percide</i>		<i>258.00</i>
1252	<i>23</i>	<i>max flo</i>		<i>805.00</i>
5707	<i>1</i>	<i>chem inj pump</i>		<i>94<sup>00</sup></i>
5715	<i>1</i>	<i>ball sealer</i>		<i>90<sup>00</sup></i>
5604	<i>1</i>	<i>frac valve</i>		<i>68<sup>00</sup></i>
5703	<i>1</i>	BLENDING & HANDLING <i>ball frac truck</i>		<i>265<sup>00</sup></i>
5709	<i>35</i>	TON-MILES <i>x1</i>		<i>NA</i>
5708	<i>35</i>	STAND BY TIME		
5501F	<i>2</i>	MILEAGE <i>x3</i>		<i>NA</i>
		WATER TRANSPORTS <i>x1</i>		<i>NC</i>
		VACUUM TRUCKS		
<i>2107</i>	<i>2700 #</i>	FRAC SAND <i>20/40</i>		<i>378<sup>00</sup></i>
<i>2102</i>	<i>1000 #</i>	<i>12/20</i>		<i>160<sup>00</sup></i>
		CEMENT		
			SALES TAX	<i>1.48</i>

ESTIMATED TOTAL *7071.83*

CUSTOMER or AGENTS SIGNATURE *Scott ...* FOREMAN *Brett B.*

CUSTOMER or AGENT (PLEASE PRINT) \_\_\_\_\_ DATE \_\_\_\_\_

*208307*

CONSOLIDATED OIL WELL SERVICES, INC.  
 211 W. 14TH STREET, CHANUTE, KS 66720  
 620-431-9210 OR 800-467-8676

4<sup>TH</sup> well

TICKET NUMBER 37709  
 FIELD TICKET REF # \_\_\_\_\_  
 LOCATION Thayer  
 FOREMAN Scott Burley

TREATMENT REPORT  
 FRAC & ACID

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
8-21-06		O'Brien 6-35				2B
CUSTOMER			TRUCK #			
Admiral Bay Resources			DRIVER			
MAILING ADDRESS			TRUCK #			
CITY			DRIVER			
STATE			TRUCK #			
ZIP CODE			DRIVER			
			TRUCK #			
			DRIVER			
			TRUCK #			
			DRIVER			
			TRUCK #			
			DRIVER			

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>791-94</u> (13) <u>Riverton</u>	

TYPE OF TREATMENT Acid spot / Frac RECEIVED  
 KANSAS CORPORATION COMMISSION  
 CHEMICALS Max-flu JAN 08 2007  
Acid CONSERVATION DIVISION  
Breaker WICHITA, KS  
Biocide

STAGE	BBL'S PUMPED	INJ RATE	PROPPANT PPG	SAND / STAGE	PSI	
<u>PAD</u>	<u>80</u>	<u>48-12</u>				BREAKDOWN <u>1321</u>
<u>20-40</u>			<u>.25</u>			START PRESSURE
<u>20-40</u>			<u>0</u>			END PRESSURE
<u>20-40 bull head</u>	<u>200 gal</u>	<u>-15%</u>				BALL OFF PRESS
<u>20-40</u>						ROCK SALT PRESS
<u>20-40</u>			<u>.8-0</u>			ISIP
<u>ball-off w/200 gal acid + 11 balls</u>						5 MIN
<u>20-40</u>						10 MIN
<u>20-40</u>			<u>.10-.25</u>			15 MIN
<u>20-40</u>			<u>.50-.75</u>	<u>2700#</u>		MIN RATE <u>4</u>
<u>12-20</u>			<u>.25-.5</u>	<u>1000#</u>		MAX RATE <u>12</u>
<u>FLUSH</u>	<u>0</u>					DISPLACEMENT <u>12.5</u>
<u>OVERFLUSH</u>	<u>0</u>					
<u>TOTAL</u>	<u>470</u>		<u>TOTAL</u>			
			<u>3700#</u>			

REMARKS: spot 100 gal -15% HCL acid on perfs / breakdown of girdize  
& 4 bpm w/ 200 gal -15% HCL acid + 11 ballsealers  
releas balls to 1.5 / 30 TOTAL BBL'S

proceede w/ frac  
location 4:30PM - 6:15PM 35 miles

AUTHORIZATION Scott Davis TITLE \_\_\_\_\_ DATE 8-21-06

JAN 08 2007

CONSERVATION DIVISION  
WICHITA, KS

Prepared by: Consolidated Oil Well Services

Company Name: Admiral Bay

Well Name: OBrien #8-35

Field: Mound Valley

Formation: Riverton

County: CF

State: KS

Job Date: 08/21/06

Comments: Acid Spot/abo/bullhead / Sand Frac

Perfs 791-80, 13 shts

spt 100, bull 200, balloff 200, 11 balls

Fluids: 470 bbls, 15# gel, maxflo, biocide

Proppants: 2700 20/40, 1000 12/20

Average Rate: 11.5

Average STP: 2200

Tubing:

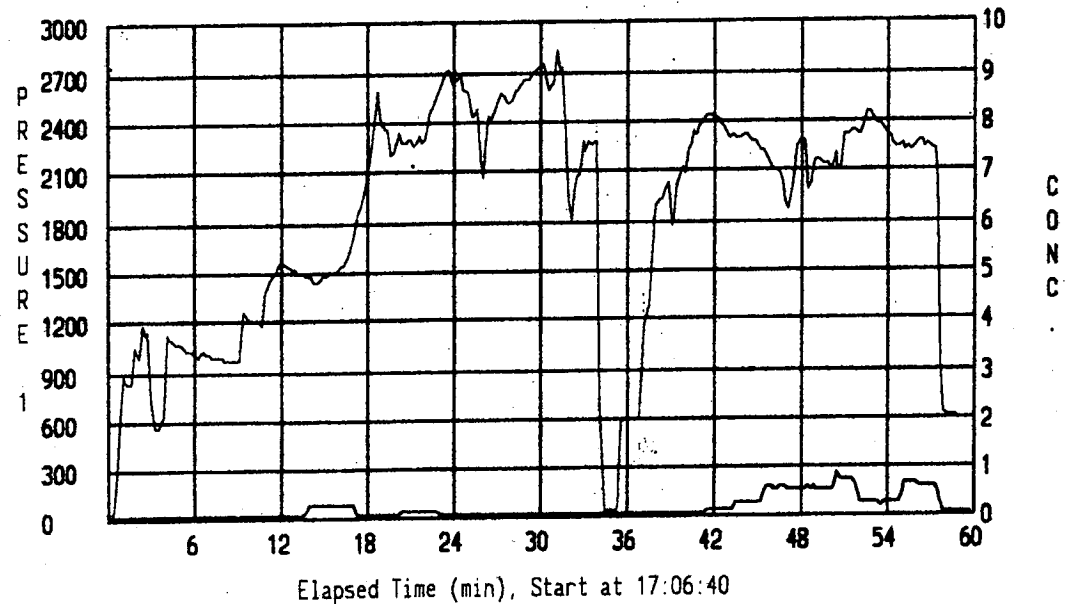
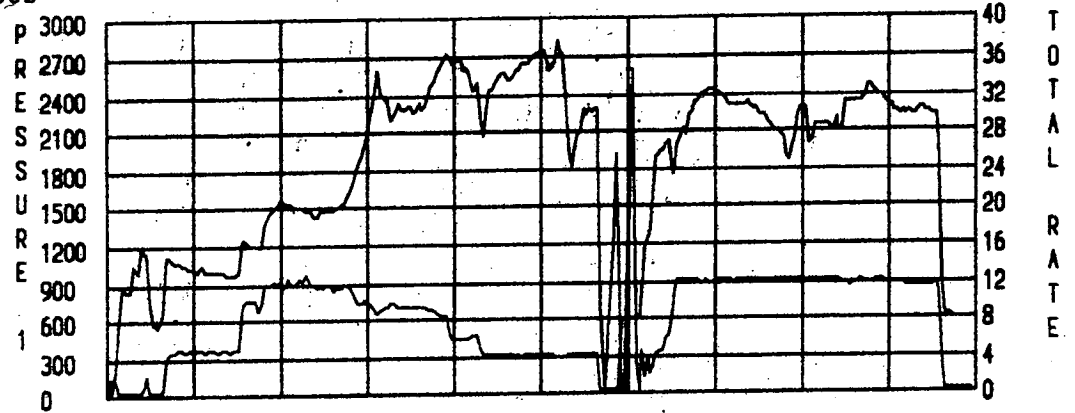
Casing: 4 1/2

Packer:

Filename: 06081801

Closure Pres: 4000

### LINEAR PLOT



Elapsed Time (min), Start at 17:06:40

# STIMULATION DESIGN

WELL - OBRIEN 6 - 35

FIELD - MOUND VALLEY

FORMATION - RIVERTON COAL

PERFORATIONS - 791 - 794

# OF SHOTS - 4 SHOTS PER FOOT

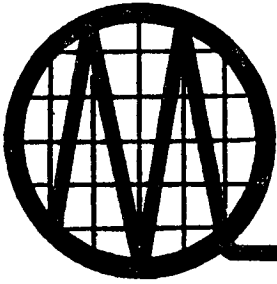
NOTES - SPOT ACID ON PERFS, BREAK DOWN, PUMP AS PER SCHEDULE  
ADJUSTING RATE OR SAND CONCENTRATION TO GET TOTAL JOB VOLUME PUT AWAY

3' (13)

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WICHITA, KS

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



# MIDWEST SURVEYS

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

P. O. Box 68 • Osawatomie, KS 66064

Phone 913-755-2128 • Fax 913-755-6533

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KANSAS CORPORATION COMMISSION

JAN 08 2007

CONSERVATION DIVISION  
WICHITA, KS

## Perforation Record

Company: Admiral Bay Resources, Inc.

Lease/Field: O'Brien Lease

Well: # 6-35

County, State: Labette County, Kansas

Service Order #: 17378

Purchase Order #: N/A

Date: 8/15/2006

Perforated @: 791.0 to 794.0

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"



