

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

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

WELL COMPLETION FORM

ORIGINAL

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: 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 \_\_\_\_\_ S1OW \_\_\_\_\_ 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. \_\_\_\_\_

7/24/06	7/25/06	7/31/06
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

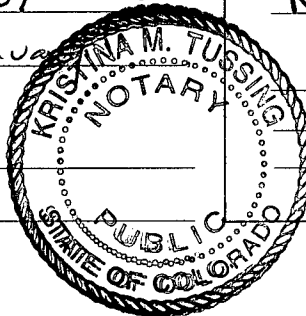
API No. 15 - 099-23930-0000  
 County: Labette  
 NE SW SE NE Sec. 36 Twp. 33 S. R. 18  East  West  
2000 feet from S /  N (circle one) Line of Section  
702 feet from  E / W (circle one) Line of Section  
 Footages Calculated from Nearest Outside Section Corner:  
 (circle one)  NE  SE  NW  SW  
 Lease Name: O'Brien Well #: 8-36  
 Field Name: Mound Valley  
 Producing Formation: Riverton  
 Elevation: Ground: 859' Kelly Bushing: \_\_\_\_\_  
 Total Depth: 896' 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) *ACT II within 12-7-02*  
 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: 1/29/07  
 Subscribed and sworn to before me this 29th 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  
**RECEIVED**  
 KANSAS CORPORATION COMMISSION  
 JAN 30 2007

CONSERVATION DIVISION  
WICHITA, KS

Operator Name: Admiral Bay (USA) Inc. Lease Name: O'Brien Well #: 8-36  
 Sec. 36 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 checked="" type="checkbox"/> Yes <input 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	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:10%;"><input checked="" type="checkbox"/> Log</td> <td style="width:70%;">Formation (Top), Depth and Datum</td> <td style="width:20%;"><input type="checkbox"/> Sample</td> </tr> <tr> <td>Name</td> <td>Top</td> <td>Datum</td> </tr> <tr> <td>Excello</td> <td>300'</td> <td>559'</td> </tr> <tr> <td>Riverton</td> <td>780'</td> <td>79'</td> </tr> <tr> <td>Mississippian</td> <td>796'</td> <td>63'</td> </tr> </table>	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample	Name	Top	Datum	Excello	300'	559'	Riverton	780'	79'	Mississippian	796'	63'
<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample														
Name	Top	Datum														
Excello	300'	559'														
Riverton	780'	79'														
Mississippian	796'	63'														

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	891'	Portland	100	
Production	6 3/4	4 1/2	9 1/2		OWC		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
4	780.5' - 783.5'	5400# 20/40; 700# 12/20, 130 bbls water; 200 gal 15% HCL acid	780.5' - 783.5'

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  Vented  Sold  Used on Lease *(If vented, Submit ACO-18.)*

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

Production Interval \_\_\_\_\_

**RECEIVED**  
 KANSAS CORPORATION COMMISSION  
**JAN 30 2007**  
 CONSERVATION DIVISION  
 WICHITA, KS



**CONSOLIDATED**  
**OIL WELL**  
**SERVICES**  
 AN INFINITY COMPANY

1<sup>ST</sup> well

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

TICKET NUMBER 29715

LOCATION Thayer

**FIELD TICKET**

DATE 9-12-06	CUSTOMER ACCT # 1067	WELL NAME O'Brien 8-36	QTR/QTR	SECTION	TWP	RGE	COUNTY LB	FORMATION Riverton
CHARGE TO <u>Admiral Bay Resources</u>				OWNER				
MAILING ADDRESS				OPERATOR				
CITY & STATE				CONTRACTOR				

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	UNIT PRICE	TOTAL AMOUNT
5102B	1	PUMP CHARGE 1300 HP Combo 1 <sup>ST</sup> well		2400. <sup>00</sup>
<del>510</del> 5111	1	Frac Van monitor		650. <sup>00</sup>
5302	1	Acid spot		460. <sup>00</sup>
3107	200 gal.	15% HCL acid		260. <sup>00</sup>
1123	customer provide / frac tank			
1231	200 #	frac gel		910. <sup>00</sup>
1205A	6 #	Bioicide		152.10
1208	1/2 gal.	Breaker		82.13
1252	26 gal.	Max-flo		910. <sup>00</sup>
5107	1	Flow metered Chem pump		94. <sup>00</sup>
5604	1	3" frac valve		68. <sup>00</sup>
5103	1	BLENDED & HANDLING Gel up frac tank		265. <sup>00</sup>
5109	37	TON-MILES		275. <sup>00</sup>
		STAND BY TIME		
5108	37	MILEAGE Mobilization x4 P,S,I,V		466.20
5501F	3 1/2 hrs	WATER TRANSPORTS -1		343. <sup>00</sup>
		VACUUM TRUCKS		
2101	5,400 #	FRAC SAND 20-40		756. <sup>00</sup>
2102	700 #			112. <sup>00</sup>
		CEMENT		
<b>RECEIVED</b>				
KANSAS CORPORATION COMMISSION				
JAN 30 2007				SALES TAX
CONSERVATION DIVISION				
WICHITA, KS				ESTIMATED TOTAL
				8203.43

Revin 2790

CUSTOMER or AGENTS SIGNATURE

Jim Morris CIS FOREMAN

Brett Busby

CUSTOMER or AGENT (PLEASE PRINT)

DATE

9-12-06

208955

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

1st well

TICKET NUMBER 41865  
 FIELD TICKET REF # 29715  
 LOCATION Thayer  
 FOREMAN Keith Busby

TREATMENT REPORT  
 FRAC & ACID

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
9-12-06		O'Brien # 8-36				LB
CUSTOMER Admiral Bay Resources			TRUCK #			
MAILING ADDRESS			DRIVER		TRUCK #	
CITY			DRIVER		TRUCK #	
STATE			DRIVER		TRUCK #	
ZIP CODE			DRIVER		TRUCK #	
			DRIVER		TRUCK #	
			DRIVER		TRUCK #	
			DRIVER		TRUCK #	
			DRIVER		TRUCK #	
			DRIVER		TRUCK #	

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>781-84</u>	

TYPE OF TREATMENT

Acidspot Frac

CHEMICALS

Max-Flu  
 Acid  
 Breaker  
 Biocide

STAGE	BBL'S PUMPED	INJ RATE	PROPPANT PPG	SAND / STAGE	PSI	
<u>PAD</u>	<u>130</u>	<u>2-46-8-10-12</u>			<u>1829-1102</u>	BREAKDOWN <u>83/800</u>
<u>20-40</u>		<u>12</u>	<u>.10</u>		<u>1120</u>	START PRESSURE
<u>20-40</u>		<u>12</u>	<u>.25</u>		<u>1175</u>	END PRESSURE
<u>20-40</u>		<u>12</u>	<u>.35</u>		<u>1265</u>	BALL OFF PRESS
<u>20-40</u>		<u>12</u>	<u>.50</u>	<u>3,000#</u>	<u>1755</u>	ROCK SALT PRESS
<u>20-40</u>		<u>12</u>	<u>0</u>		<u>1652</u>	MSIP <u>1000</u>
<u>20-40</u>		<u>12</u>	<u>.25</u>		<u>1610</u>	5 MIN <u>623</u>
<u>20-40</u>		<u>12</u>	<u>.15</u>		<u>1515</u>	10 MIN
<u>20-40</u>		<u>12</u>	<u>.75</u>	<u>2400#</u>	<u>1390</u>	15 MIN
<u>12-20</u>		<u>12</u>	<u>.25</u>		<u>1380</u>	MIN RATE
<u>12-20</u>			<u>.50</u>	<u>700#</u>	<u>1355</u>	MAX RATE
<u>FLUSH</u>	<u>3</u>	<u>12</u>				DISPLACEMENT <u>12.4</u>
<u>OVERFLUSH</u>	<u>0</u>					
<u>TOTAL</u>			<u>TOTAL</u>	<u>6,100#</u>		

REMARKS: spot 200 gal. -15% HCl acid on perfs w/ 2 gal maxflu

Blend

Location 9:30AM - 12:00PM

AUTHORIZATION Jim Morris

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KANSAS CORPORATION COMMISSION

TITLE JAN 30 2007

37 miles

DATE 9-12-06

CONSERVATION DIVISION  
 WICHITA, KS

FRACTURING WORK ORDER  
CONSOLIDATED OIL WELL SERVICES, INC.

Day Tuesday  
Date 9/12/06 10:00  
Month Day Time

Name of Customer Admiral Bay

Contact Person/Number Tim Morris 620-380-1398

#1 O'Brien 6-26 Well Data Scott 380-1397

Lease Name/Number O'Brien - 8-26

Casing Size 4 1/2  
Tubing/Packer \_\_\_\_\_  
Depth 800'

Perforations: \_\_\_\_\_ spf \_\_\_\_\_

Zone(s) \_\_\_\_\_

Job Procedure: 2 SPOT & FRAC.

O'Brien 6-26 - NO SAND/NO GEL & MAXFLO ONLY.

EACH  TOTALS  Materials  FRAC VAN

Hydrochloric Acid: 2 @ 200 gal each Balloff \_\_\_\_\_ Bullhead \_\_\_\_\_  
 spotter  dump  tubing

Acid Chemicals: 2 Gal MAXFLO EACH

#1 O'Brien 6-26 - NONE

Frac Sand: O'Brien 8-26 - 30-20/40, 30-10/20

Ballsealers: Acid NO Frac NO Rock Salt \_\_\_\_\_

Frac Fluid: Frac tank - Thiers.

#1 O'Brien 6-26 - NO GEL  
Fluid Loading: MAXFLO OTF ONLY - 40 Gal.  
BIOCIDE

#2 O'Brien 8-26 - 60 BBLs - 1/2" size (200#)  
MAXFLO OTF  
BIOCIDE.

Other Information: \_\_\_\_\_

Job Location: IRVING & 10000 Rd. S 1/2 - W. Side.

Transports 1  
Frac Tanks 1 - Thiers  
80 vac. \_\_\_\_\_  
Take 150 BBLs  
Water with F02  
O'Brien 8-26 Frac.

Order Taken by: Buy

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KANSAS CORPORATION COMMISSION  
JAN 30 2007

Invoice # \_\_\_\_\_  
Entered by \_\_\_\_\_

Prepared by: Consolidated Oil Well Services

Company Name: Admiral Bay Resources

Well Name: OBrien # 8-36

Field: Mound Valley

Formation: Riverton

County: LB

State: KS

Job Date: 09/12/06

Comments: Sand Frac

Perfs 781-84, 3', 13shts

spot 200 gal 15X

Fluids: 577 bbls, 7 1/2# gel, maxflo, biocide

Proppants: 5400# 20/40, 700# 12/20

Average Rate: 12

Average STP: 1350

Tubing:

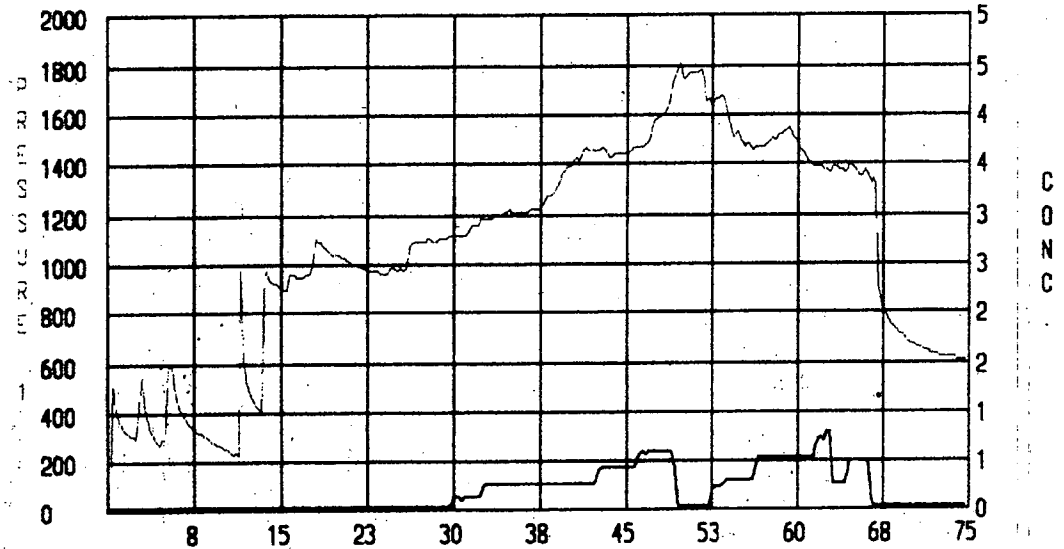
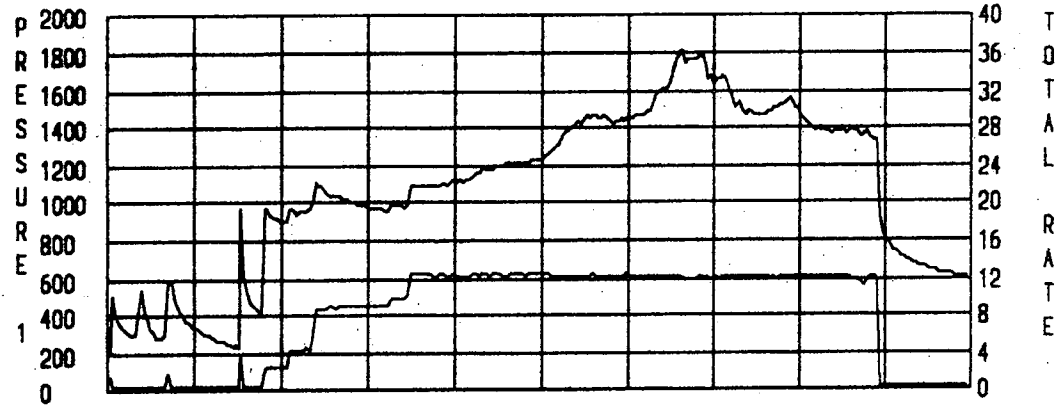
Casing: 4 1/2

Packer:

Filename: 06081801

Closure Pres: 4000

### LINEAR PLOT



TOTAL RATE

CONC

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JAN 30 2007

CONSERVATION DIVISION  
WICHITA, KS

Elapsed Time (min) Start at 11:41:10

Company Name: Admiral Bay Resources

Well Name: OBrien # 8-36

Field: Mound Valley

Formation: Riverton

County: LB

State: KS

Job Date: 09/12/06

Comments: Sand Frac

Perfs 781-84, 3', 13shts

spot 200 gal 15%

Fluids: 577 bbls, 7 1/2# gel, maxflo, biocide

Proppants: 5400# 20/40, 700# 12/20

Average Rate: 12

Average STP: 1350

Tubing:

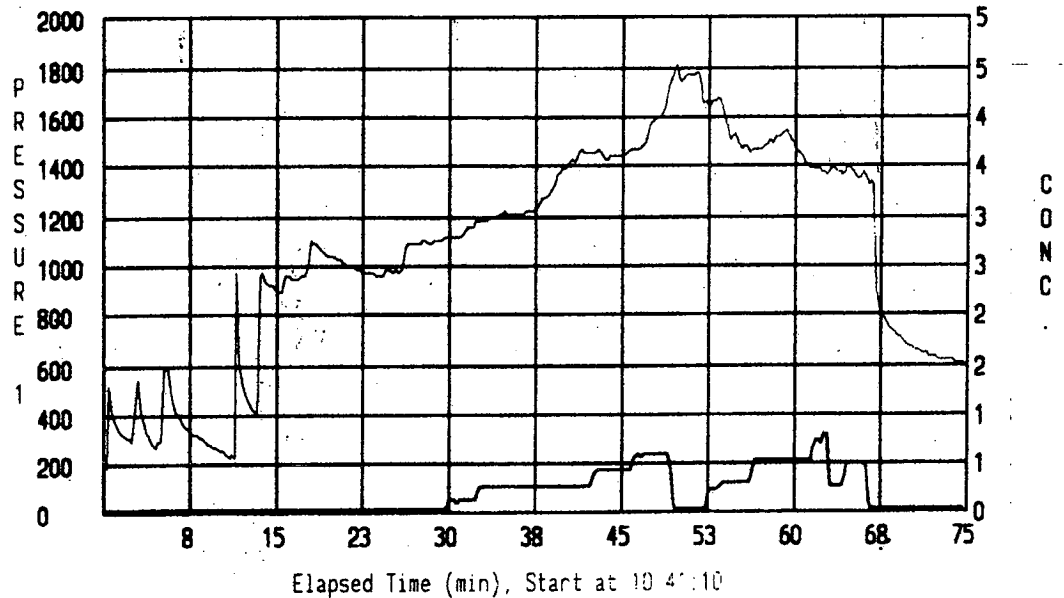
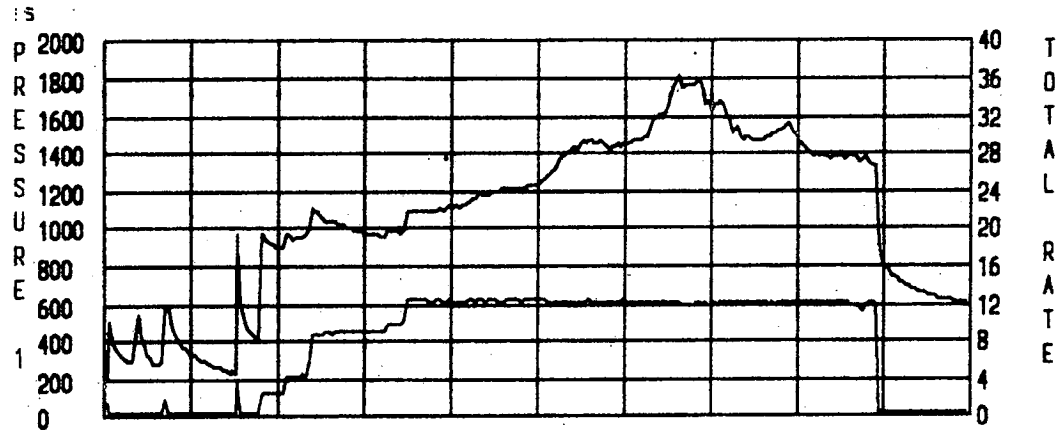
Casing: 4 1/2

Packer:

Filename: 06081801

Closure Pres: 4000

### LINEAR PLOT



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JAN 30 2007

CONSERVATION DIVISION  
WICHITA, KS

Date:	9/	Zones:	RIVERTON
Lease:	ORISON 8-36	Perfs:	781-84 3' (13)
1	PAD.	2	1029 885
2		4	947 941
3		8	1069 1010 945
4		6	972
5		12	1074 1083 1102
6	0.10	12	1120 1142 1175
7	0.25	12	1185 1195 1265
8	0.25	12	1425 1450
9	0.39	12	1412 1430 1449
10	0.50	12	1556 1725 1755
11	0	12	1745 1652
12	0.25	12	1610 1453
13	0.5	12	1494 1515 1464
14	0.75	12	1383 1390
15	12/20 0.25	12	1386
16	12/20 0.50	12	1355
17			
18			
19			
20			
21			
22			
23			
24			

**ACID JOB DATA**

Acid Spot	200	Breakdown	
Acid for Balloff	1	ISIP	
Total Balls		High PSI	5 min
Total Water		Low PSI	10 min
Flush		Average PSI	15 min
Overflush			

**FRAC JOB DATA**

Total Pad	130	Breakdown	
Total Water	577	ISIP	
Total Sand	5.4 + 7 = 61	High PSI	1000
Ballsealers	—	Low PSI	623
Total Acid	—	Average PSI	10 min
Flush total	3.6		15 min
Overflush	0		

Ball drops  
stage volume

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CONSERVATION DIVISION  
WICHITA, KS











# 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: O'Brien Lease

Well: # 8-36

County, State: Labette County, Kansas

Service Order #: 17380

Purchase Order #: N/A

Date: 8/15/2006

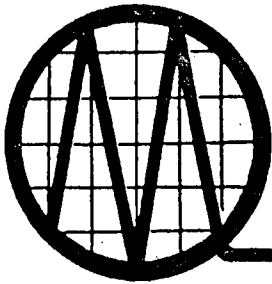
Perforated @: 780.5 to 783.5

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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KANSAS CORPORATION COMMISSION  
JAN 30 2007  
CONSERVATION DIVISION  
WICHITA, KS



# MIDWEST SURVEYS

LOGGING • PERFORATING • M.I.T. SERVICES

17380

P. O. Box 68  
Osawatomie, KS 66064  
913 / 755-2128

Date 8/15/06

TERMS AND CONDITIONS: Midwest Surveys is hereby instructed to deliver the equipment or perform the services ordered hereon or as verbally directed, under the terms and conditions printed on the reverse side of this order, which I have read and understand and which I accept as Customer or as Customer's Authorized Agent.

Service and/or Equipment Ordered Perforate

SIGN BEFORE COMMENCEMENT OF WORK

Customer's Name Admiral BAY Resources Inc. By \_\_\_\_\_  
Customer's Authorized Representative

Charge to Admiral BAY Resources Inc. Customer's Order No. Jim Morris

Mailing Address \_\_\_\_\_

Well or Job Name and Number O'Brien #8-36 County Labette State KANSAS

QUANTITY	DESCRIPTION OF SERVICE OR MATERIAL	PRICE
13 ea	3 3/8" DP 23 Gram Tungsten Expendable Casing Gun 60° phase Four (4) Perforations per foot minimum charge - Ten (10) Perforations	\$ 825.00
	Three (3) Additional Perforations @ \$ 25.00 ea	\$ 75.00
	MAST Unit	\$ 75.00
Perforated AT : 780.5 to 783.5 13 Perfs		
<b>RECEIVED</b> KANSAS CORPORATION COMMISSION <b>JAN 30 2007</b> CONSERVATION DIVISION WICHITA, KS		

Total \$ 975.00

The above described service and/or material has been received and are hereby accepted and approved for payment.

Customer's Name Admiral BAY Resources Inc.

Serviced by: Nayland

By \_\_\_\_\_ Date 8/15/06  
Customer's Authorized Representative