

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

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

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

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: L S Drilling
License: 33374
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. _____

<u>6/19/06</u>	<u>6/20/06</u>	<u>6/23/06</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 099-23949-0000

County: Labette

 NW SE SE Sec. 14 Twp. 33 S. R. 18 East West

670 feet from (S) N (circle one) Line of Section

730 feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE (SE) NW SW

Lease Name: Ware Well #: 16-14

Field Name: Mound Valley

Producing Formation: Riverton

Elevation: Ground: 818' Kelly Bushing: 818'

Total Depth: 894' Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at 20 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 NH 6-23-08
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License No: 2007

Quarter _____ Sec. _____ Twp. S 33 R 18 East West

County: _____ Docket No. 16-14

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JAN 30 2007
CONSERVATION DIVISION
WICHITA, KS

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

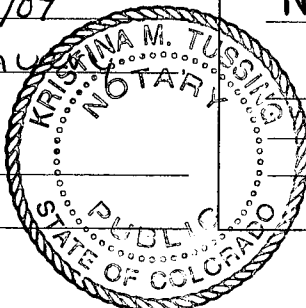
Title: Land Administrator Date: 1/29/07

Subscribed and sworn to before me this 29th day of January

2007

Notary Public: Kristina M. Tussing

Date Commission Expires: 5-22-08



KCC Office Use ONLY

N Letter of Confidentiality Received

If Denied, Yes Date: _____

Wireline Log Received

Geologist Report Received

UIC Distribution

Operator Name: Admiral Bay (USA) Inc. Lease Name: Ware Well #: 16-14
 Sec. 14 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 Dual Induction LL3/GR Log Gamma Ray/Neutron/CCL 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:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Excello</td> <td>305</td> <td>513</td> </tr> <tr> <td>Riverton</td> <td>785</td> <td>33</td> </tr> <tr> <td>Mississippian</td> <td>800</td> <td>18</td> </tr> </table>	Name	Top	Datum	Excello	305	513	Riverton	785	33	Mississippian	800	18
Name	Top	Datum											
Excello	305	513											
Riverton	785	33											
Mississippian	800	18											

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	30' 887	Portland	90	
Production	6 3/4	4 1/2	10 1/2	↓	Thickset	↓	Koi & 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	785' - 788'	3300# 20/40, 2600# 12/20, 439 bbls water, 100 gal 15% HCL acid	785' - 788'	
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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. 9/25/06		Producing Method <input checked="" 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 _____

L S WELL SERVICE, LLC
#33374
543A 22000 ROAD
CHERRYVALE, KS 67335

DRILLER LOG

Admiral Bay

Ware #16-14
API: 15-099-23949-0000
Sec 14, Twp 33, R 18
Labette County, Ks

0-2 SOIL
2-5' CLAY
5-25' LIME
25-157 SHALE
157-182 LIME
182-242 SHALE
242-275 LIME
275-280 SHALE BLACK
280-300 LIME
300-305 SHALE BLACK
305-320 LIME
320-361 SHALE
361-363 COAL
363-382 SHALE
382-383 COAL
383-395 SHALE
395-400 LIME
400-402 COAL
402-410 BLACK SHALE
410-430 SANDY SHALE
430-434 SHALE
434-435 COAL
435-480 SANDY SHALE
480-512 SHALE
512-514 COAL
514-555 SHALE
555-580 OIL SAND
580-590 SHALE
590-640 SAND
640-707 SHALE
707-708 COAL
708-784 SHALE
784-786 COAL
786-794 SHALE
794-897 MISSISSIPPI CHAT

T.D. 897'

6-19-06 Drilled 11" hole and set 21.5' of
8 5/8" surface casing with 6 sacks Portland
cement

6-20-06 Started drilling 6 3/4" hole

6-20-06 Finished drilling to T.D 897'

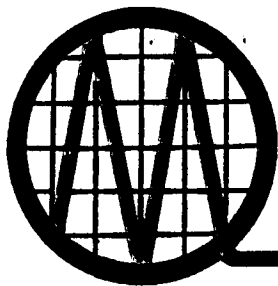
310' 7" ON 3/4" ORIFICE
511' 7" ON 3/4" ORIFICE
561' 12" ON 3/4" ORIFICE
761' 12" ON 3/4" ORIFICE
811' 38" ON 3/4" ORIFICE

WATER @ 810'

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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

RECEIVED
KANSAS CORPORATION COMMISSION
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CONSERVATION DIVISION
WICHITA, KS

Company: Admiral Bay Resources, Inc.

Lease/Field: Ware Lease

Well: # 16-14

County, State: Labette County, Kansas

Service Order #: 17239

Purchase Order #: N/A

Date: 7/17/2006

Perforated @: 785.0 to 788.0

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"



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

1st

TICKET NUMBER 29965

LOCATION THAYER

FIELD TICKET

7-21-06

DATE 7-21-06	CUSTOMER ACCT # 1067	WELL NAME Harc 16-14	QTR/CTR SE	SECTION 14	TWP 33	RGE 18	COUNTY LB	FORMATION RIVERTON
CHARGE TO Admiral Bay Resources				OWNER Scott Morris				
MAILING ADDRESS				OPERATOR Tom Morris				
CITY & STATE				CONTRACTOR				

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	UNIT PRICE	TOTAL AMOUNT
5102C	1	PUMP CHARGE 1000 HP COMBO		2075.00
5102D	—	HEAD BAL OFF W/ FRAC PUMP		—
5302	1	HEAD SPOTTER		460.00
5310.0	1	ACID PUP TRAILER		160.00
5111	1	FRAC VAN		650.00
3107	100	1510 HCL	100.	130.00
4326	0	1/8" BALL SEALERS		—
5107	1	CHEM INT PUMP		94.00
5115		BALL INJECTOR		0
5604	1	FRAC VALVE		68.00
1123		CITY WATER		
1231	200#	LINEAR GEL		1365.00
1208	1	BREAKER		164.25
1205A	10	BIOCLOG		253.50
1252	25	MAX PLO		875.00
5103	1	BLENDED & HANDLING GEL FRAC TANK		265.00
5108	38	TON-MILES		270.00
5109	38	STAND BY TIME		
5501F	3	MILEAGE X4 P/E/S/V		478.80
		WATER TRANSPORTS X1		N/C
		VACUUM TRUCKS		
2101	3300	FRAC SAND 20/40		462.00
2102	2600	12/20		416.00
		CEMENT		
			6.55%	SALES TAX
				ESTIMATED TOTAL 8191.55

CUSTOMER or AGENTS SIGNATURE Scott Morris CIS FOREMAN Gary Wickel

CUSTOMER or AGENT (PLEASE PRINT) _____ DATE 207192

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

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TICKET NUMBER 35056
 FIELD TICKET REF # 29965
 LOCATION Thayer
 FOREMAN Gary Wickel

CONSERVATION DIVISION
 TREATMENT REPORT
 FRAC & ACID

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
7-21-06		Ware 16-14				43
CUSTOMER Admiral Bay						
MAILING ADDRESS						
CITY		STATE	ZIP CODE			
WELL DATA			TRUCK # DRIVER TRUCK # DRIVER			
CASING SIZE 4 1/2			243 George 488/1702 Matt.			
CASING WEIGHT			449 Charlie			
TUBING SIZE			459 Andrew			
TUBING WEIGHT			176 Aaron			
PERFS & FORMATION			266 Andrew			
12 INVERTON			371 Randy			

WELL DATA	TYPE OF TREATMENT
TOTAL DEPTH	Acid SPOT / Frac
PLUG DEPTH	
PACKER DEPTH	
OPEN HOLE	CHEMICALS
	HCL
	Frac Gel - 15%
	Breaker
	BIOCIDE

STAGE	BBL'S PUMPED	INJ RATE	PROPPANT PPG	SAND / STAGE	PSI	
0AD	80	4.8-12	15.5		1100-1560	BREAKDOWN 780
20/40		15.5	.25		1734-1500	START PRESSURE 1520
		12	0		1834	END PRESSURE 1304
		12	.25		1749-1630	BALL OFF PRESS
		12	.5	7300	1736-1530	ROCK SALT PRESS
		12	.75		1343	ISIP -1094
12/20		12	1		1320-1310	5 MIN 720
		12	.25		1338	10 MIN
		12	.5	2600	1344	15 MIN
		12	.75		1337	MIN RATE 4
FLUSH	63	12			1366-1304	MAX RATE 15.5
OVERFLUSH	50					DISPLACEMENT 12.5
TOTAL	439			5900		

REMARKS:
 Spot 100 gal 15% HCL on PERFS. Breakdown/soak/ stage.

AUTHORIZATION [Signature] TITLE _____ DATE 7/21/06

JAN 30 2007

CONSERVATION DIVISION
WICHITA, KS

Prepared by: Consolidated Oil Well Services

Company Name: Admiral Bay

Well Name: Ware 16-14

Field: Mound Valley

Formation: Riverton

County: LB

State: KS

Job Date: 07/21/06

Comments: Acid Spot and Sand Frac

Perfs 785-88, 13 shts

100 gal acid spot

Fluids: 439 bbls, 15# gel, bio, maxflo

Proppants: 3300# 20/40, 2600# 12/20

Average Rate: 12

Average STP: 1350

Tubing:

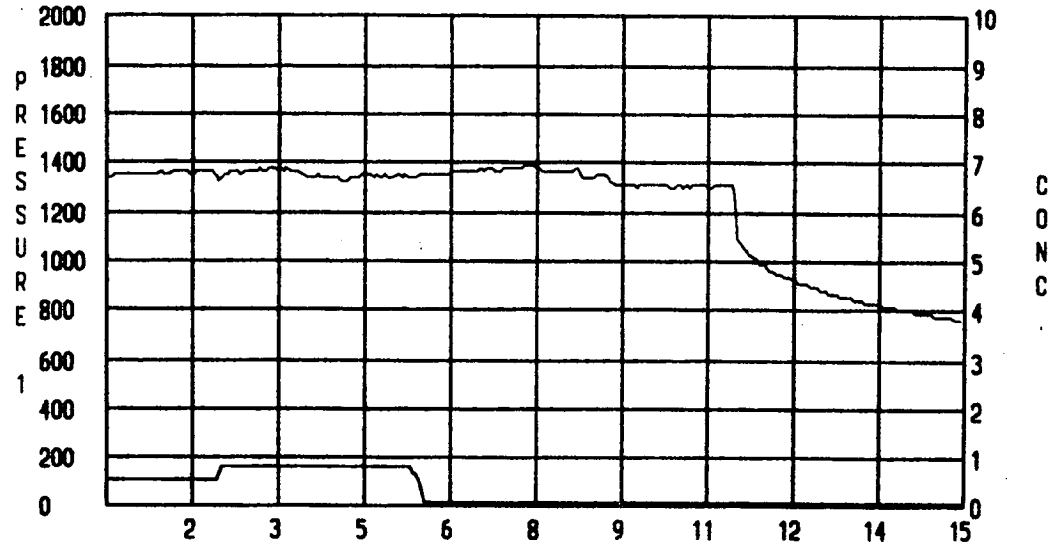
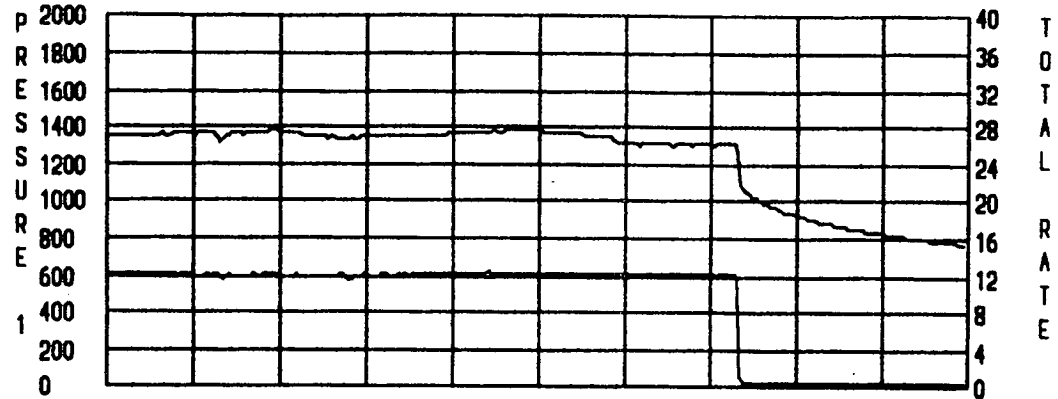
Casing: 4 1/2

Packer:

Filename: 06031706

Closure Pres: 4000

LINEAR PLOT



Elapsed Time (min), Start at 11:08:37

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CONSERVATION DIVISION
WICHITA, KS

Prepared by: Consolidated Oil Well Services

Company Name: Admiral Bay

Well Name: Ware 16-14

Field: Mound Valley

Formation: Riverton

County: LB

State: KS

Job Date: 07/21/06

Comments: Acid Spot and Sand Frac

Perfs 785-88, 13 shts

100 gal acid spot

Fluids: 439 bbls, 15# gel, bio, maxflo

Proppants: 3300# 20/40, 2600# 12/20

Average Rate: 12

Average STP: 1350

Tubing:

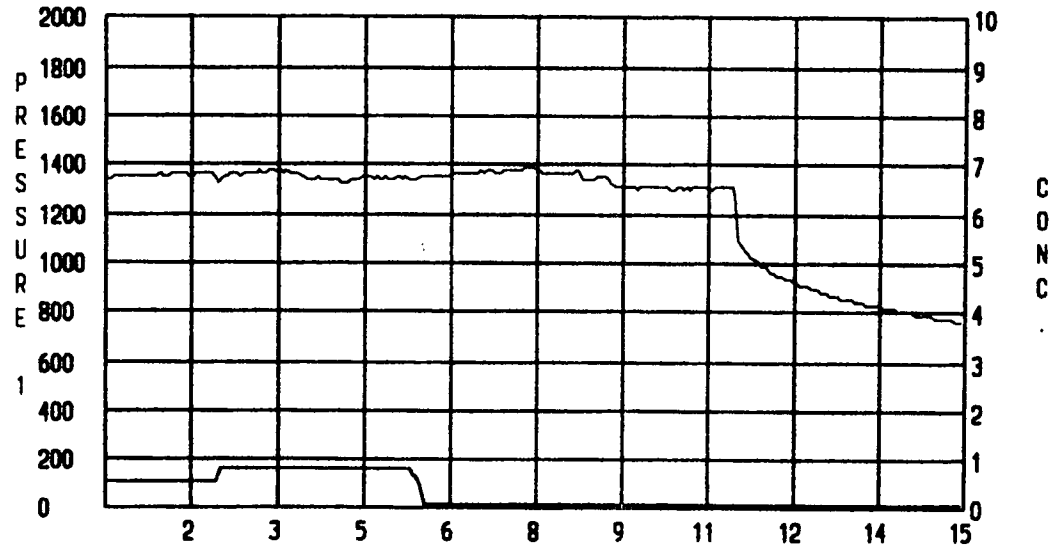
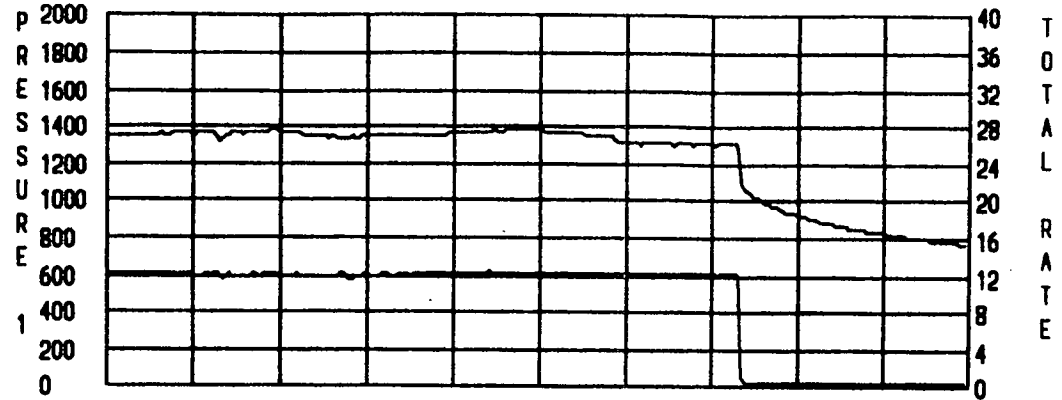
Casing: 4 1/2

Packer:

Filename: 06031706

Closure Pres: 4000

LINEAR PLOT

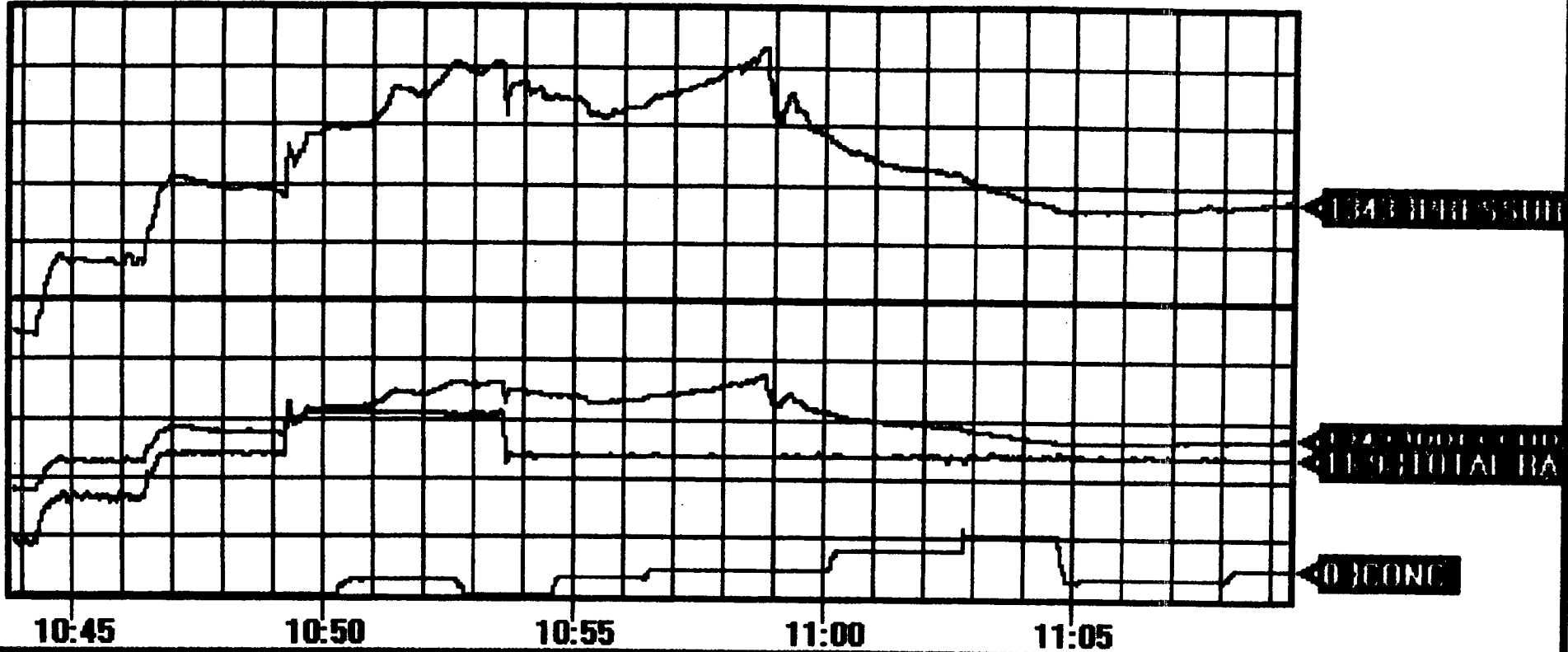


Elapsed Time (min), Start at 11:08:37

7-21-06 ADMIRAL BAY WAVE 16-14

PAGE 1

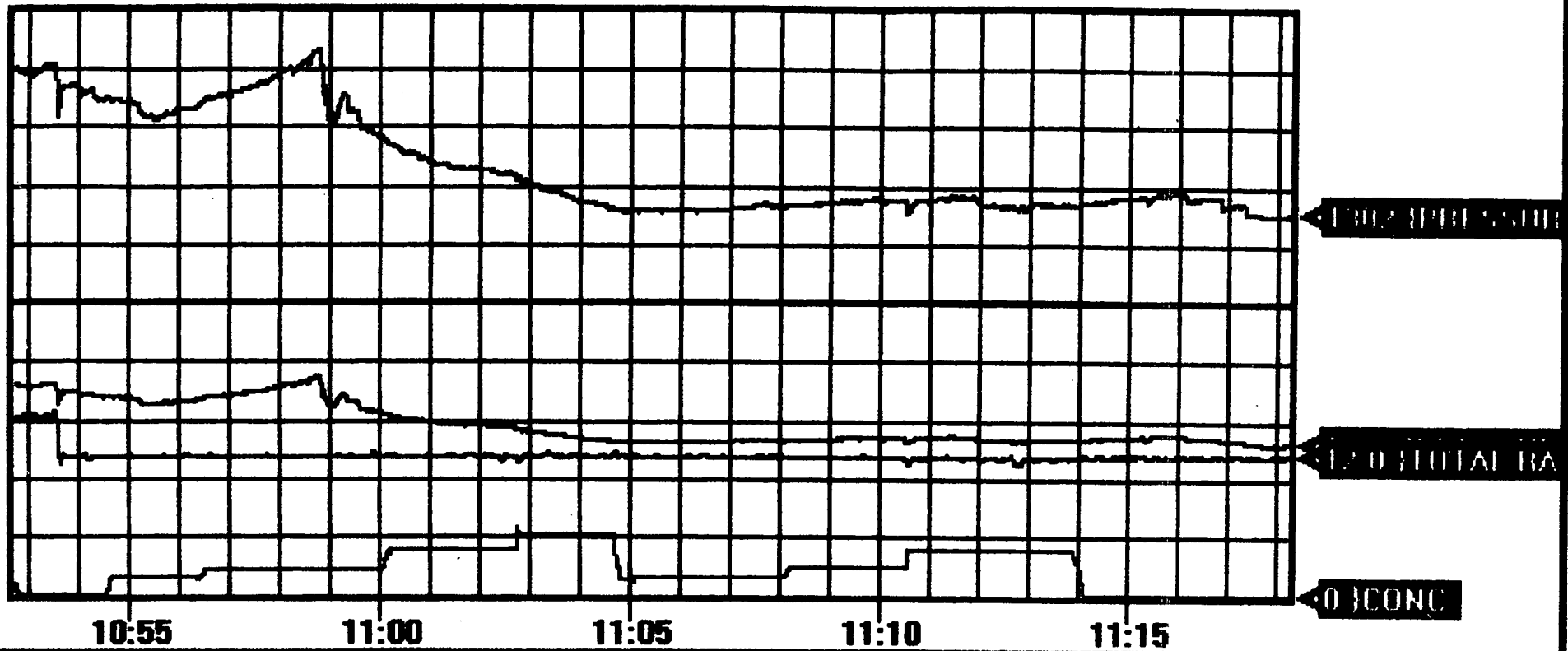
Time: 10:45:00 to 11:05:00



7/21/06
 Admiral Bay - Mount Valley
 Wave # 16-14 - Riverton - 785'-88', 13 SHTS.
 Acid-Spot 100 gal
 439 Bbls, 15# gel, biocide, mapco.
 3300# 20/40, 2600# 12/20
 Ave. BPM 12
 Ave STP - 1300 #

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DW-2

Trace 1: WFLC - Job# 0607-101.Dat



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