

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

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

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

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. _____

<u>8/22/06</u>	<u>8/24/06</u>	<u>8/28/06</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 099-24030-0000
 County: Labette
SW sw Sec. 24 Twp. 33 S. R. 18 East West
980 feet from (S) / N (circle one) Line of Section
590 feet from E / (W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW (SW)
 Lease Name: Hess Well #: 13-24
 Field Name: Mound Valley

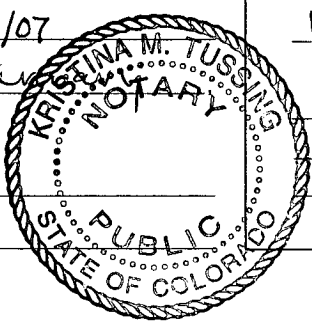
Producing Formation: Riverton
 Elevation: Ground: 815' Kelly Bushing: 815'
 Total Depth: 896' Plug Back Total Depth: _____
 Amount of Surface Pipe Set and Cemented at _____ Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set _____ Feet
 If Alternate II completion, cement circulated from 886
 feet depth to surface w/ 90 sx cmt.

Drilling Fluid Management Plan AH II SB
 (Data must be collected from the Reserve Pit) 4-10-08
 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: 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: Hess Well #: 13-24
 Sec. 24 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: Compensated Density Neutron Gamma Ray/Neutron/CCL Mud Log	<input 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>310</td> <td>505</td> </tr> <tr> <td>Riverton</td> <td>783</td> <td>32</td> </tr> <tr> <td>Mississippian</td> <td>798</td> <td>17</td> </tr> </table>	Name	Top	Datum	Excello	310	505	Riverton	783	32	Mississippian	798	17
Name	Top	Datum											
Excello	310	505											
Riverton	783	32											
Mississippian	798	17											

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	12 1/4	8 5/8	24	20	Portland	90	
Production	6 3/4	4 1/2	10 1/2	886	Thickset	90	Pheno 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	782' - 785'	3000# 20/40, 800# 12/20, 453 bbbls water, 200 gal 15% HCL acid	782' - 785'

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. N/A	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbbls.	Gas Mcf	Water Bbbls.	Gas-Oil Ratio	Gravity
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Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	

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CONSERVATION DIVISION
WICHITA, KS

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

#3 of 4

TICKET NUMBER 41725
 FIELD TICKET REF # _____
 LOCATION Hayes
 FOREMAN Bradley W.

TREATMENT REPORT
 FRAC & ACID

DATE <u>10/25/06</u>	CUSTOMER #	WELL NAME & NUMBER <u>Hess 13-24</u>	SECTION	TOWNSHIP	RANGE	COUNTY <u>LB</u>
CUSTOMER <u>Admiral Hayes</u>			TRUCK #			
MAILING ADDRESS			DRIVER			
CITY		STATE	ZIP CODE	TRUCK #		
				DRIVER		

476	Brandon		
470	Austin		
449	Jake		
459	Stan		
487-774	Randy		
488-7102	Darryl M.		

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>982-85 (13) Anadarko</u>	

TYPE OF TREATMENT <u>Acid Spot + Sand Frac</u>	
CHEMICALS	

STAGE	BBL'S PUMPED	INJ RATE	PROPPANT PPG	SAND / STAGE	PSI	
<u>Prod.</u>	<u>80</u>	<u>24-8-12-16</u>			<u>900-2035</u>	BREAKDOWN <u>1393</u>
<u>20/40 SLF</u>		<u>15.8</u>			<u>2065</u>	START PRESSURE <u>2065</u>
<u>20/40 SLF</u>			<u>.25</u>	<u>700#</u>	<u>2200-2600</u>	END PRESSURE <u>1853</u>
<u>FLUSH.</u>	<u>40</u>		<u>.5</u>		<u>3000</u>	BALL OFF PRESS
<u>Release Fracture to Anadarko</u>					<u>2850</u>	ROCK SALT PRESS
<u>20/40 SLF</u>		<u>4-8-9.4</u>			<u>2924-2150</u>	ISIP <u>1568</u>
<u>20/40 SLF</u>		<u>9.4</u>	<u>.25-.5</u>		<u>2490</u>	5 MIN <u>777</u>
<u>20/40 SLF</u>		<u>9.4</u>	<u>.70-.80</u>		<u>2290-2315</u>	10 MIN <u>NR</u>
<u>12/20 SLF</u>		<u>9.4</u>	<u>.12</u>		<u>2383-2400</u>	15 MIN <u>NR</u>
<u>" SLF</u>		<u>9.4</u>	<u>.5</u>		<u>2450</u>	MIN RATE <u>NR</u>
<u>FLUSH.</u>	<u>68</u>	<u>9.4</u>			<u>2475-2000</u>	MAX RATE
<u>over flush</u>	<u>55</u>				<u>1853</u>	DISPLACEMENT <u>12.6</u>
<u>TOTAL</u>	<u>453.365</u>			<u>3000# 20/40 800# 12/20</u>		

REMARKS:
SPOT 400 gal over perfs. 1540 H2O.

Prepared by: Consolidated Oil Well Services

Company Name: Admiral Bay Resources #1067

Well Name: Hess 13-24

Field: Mound Valley

Formation: Riverton

County: LB

State: KS

Job Date: 10/25/06

Comments: Acid spot & Sand frac

Perfs 782-85, 13 shts

Fluids: 453 bbls, 10#, maxflo, bio

Proppants: 3000# 20/40, 800# 12/20

Average Rate: 9.4

Average STP: 2400

Tubing:

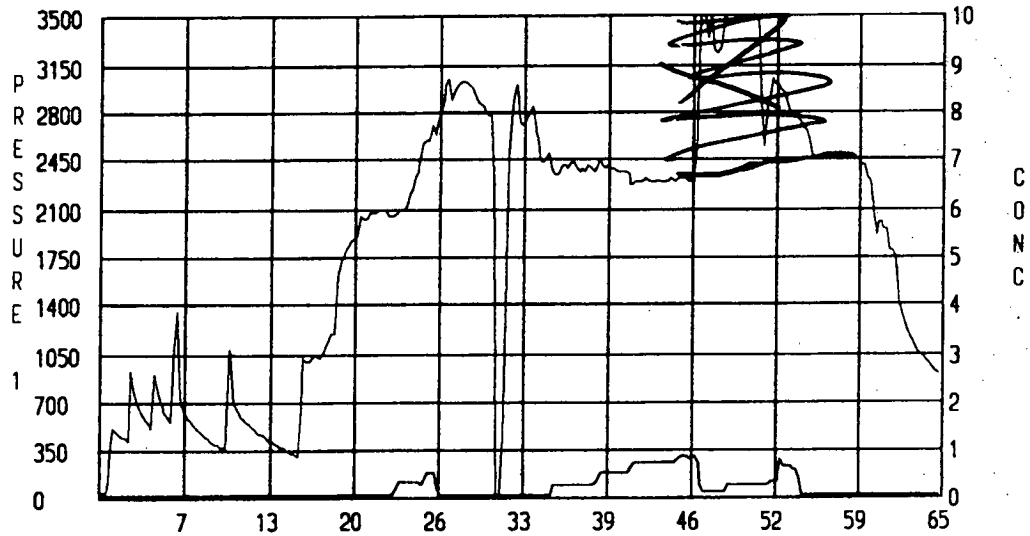
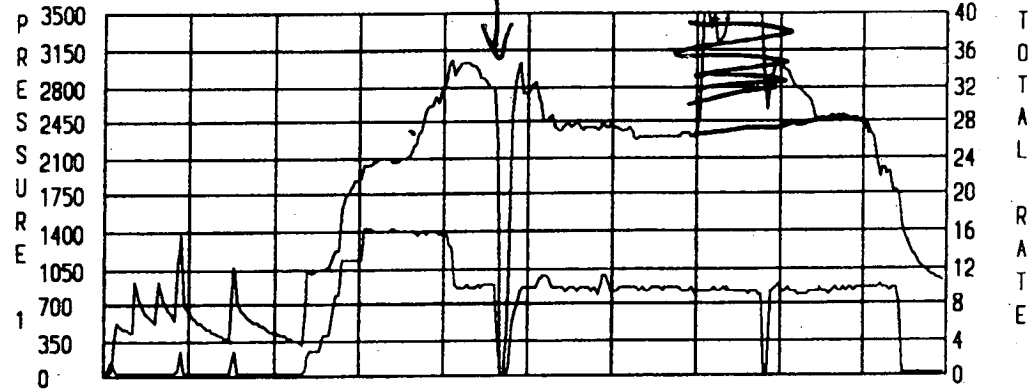
Casing: 4 1/2

Packer:

Filename: 06081801

Closure Pres: 4000

LINEAR PLOT



Elapsed Time (min), Start at 13:36:00

TOTAL RATE

CONC

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CONSERVATION DIVISION
WICHITA, KS

Date:	10-25-06	Zones:	RIVINGTON					
Lease:	Hess 13-24	Perfs:	782-85 3' (13)					
Stage	Balls	Conc	Sand Total	Water Total	BPM	psi	psi	psi
1					2	980	1020	
2					4	1000		
3					8	1196		
4					12	1691	1800	
5					15	2023	2035	
6					15.8	2038	2065	
7						2200	2551	2600
8		.25				3000		
9		.05						
10	40	FLUSH	700#		9.4	3000	2850	
11					8.9	2924	2750	
12					10.5	2563		
13		.25			9.5	2490		
14		.5				2364		
15		.70				2290	2315	
16		.80				2336		
17								
18		.12						
19		.25						
20		.5				2400	2470	
21								
22		FLUSH				2470	2000	
23								
24								
25								
ACID JOB DATA								
Acid Spot	100					Breakdown	1393	
Acid for Balloff	1	Treating Pressures				ISIP		
Total Balls		High PSI				5 min		
Total Water		Low PSI				10 min		
Flush		Average PSI				15 min		
Overflush								
Total Pad	80					FRAC JOB DATA		
Total Water	453					Breakdown		
Total Sand	3000 + 800	Treating Pressures				ISIP		
Ballsealers	—	High PSI				5 min		
Total Acid	200	Low PSI				10 min		
Flush total	68	Average PSI				15 min		
Overflush	55							
Ball drops								
stage volume								

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 WICHITA, KS

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JAN 30 2007

CONSERVATION DIVISION
WICHITA, KS

Prepared by: Consolidated Oil Well Services

Company Name: Admiral Bay Resources #1067

Well Name: Hess 13-24

Field: Mound Valley

Formation: Riverton

County: LB

State: KS

Job Date: 10/25/06

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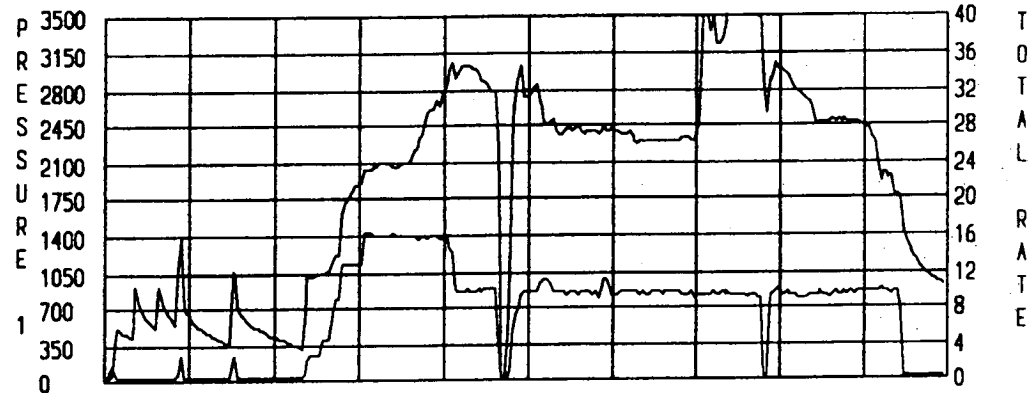
Casing: 4 1/2

Packer:

Filename: 06081801

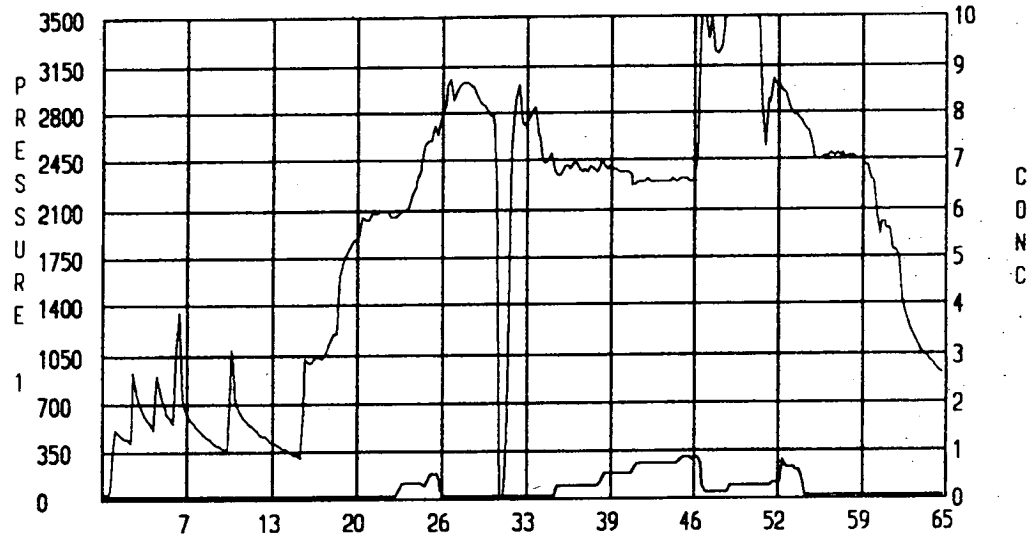
Closure Pres: 4000

LINEAR PLOT



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Elapsed Time (min), Start at 13:36:00

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CONSERVATION DIVISION
WICHITA, KS

Prepared by: Consolidated Oil Well Services

Company Name: Admiral Bay Resources #1067

Well Name: Hess 13-24

Field: Mound Valley

Formation: Riverton

County: LB

State: KS

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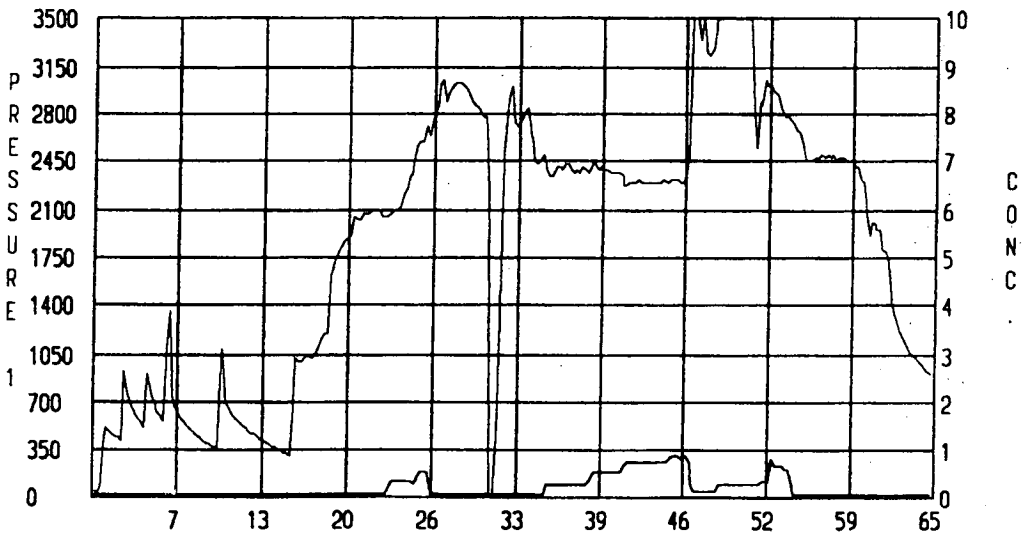
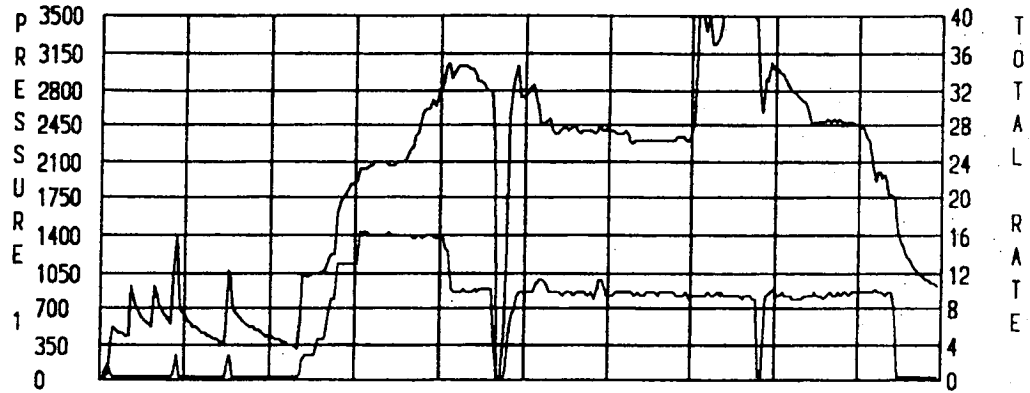
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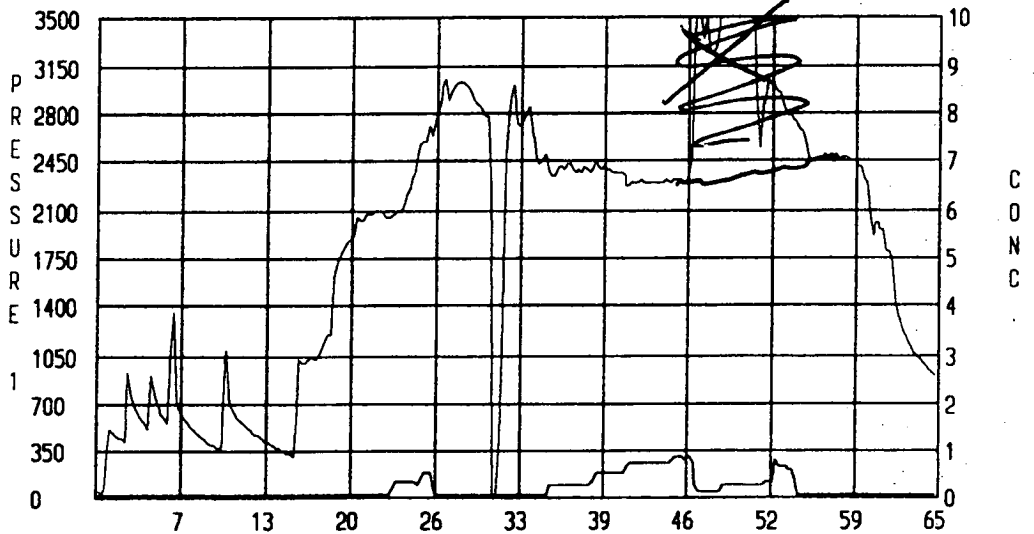
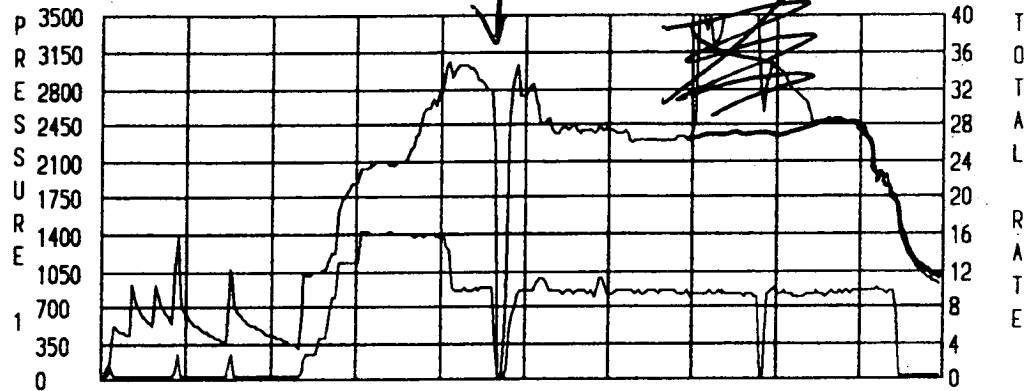
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Packer:

Filename: 06081801

Closure Pres: 4000

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TOTAL RATE

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CONSERVATION DIVISION
WICHITA, KS



CONSOLIDATED
OIL WELL
SERVICES
AN INFINITY COMPANY

1530 S. SANTA FE, CHANUTE, KS 66720
820-431-9210 OR 800-467-8676

3 of 4

TICKET NUMBER 29741

LOCATION Hayes

FIELD TICKET

DATE	CUSTOMER ACCT #	WELL NAME	QTR/QTR	SECTION	TWP	RGE	COUNTY	FORMATION
10/25/06	1067	Hess 13-24						Devon
CHARGE TO <u>Admiral Bay</u>				OWNER				
MAILING ADDRESS				OPERATOR <u>Gary Charles</u>				
CITY & STATE				CONTRACTOR				

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	UNIT PRICE	TOTAL AMOUNT
5102B	1	PUMP CHARGE 1000 HP Combo		1800 ⁰⁰
5102D	0	1100 w/ Frac Pump		NA
5111	1	frac Van		490 ⁰⁰
5302	1	Acid SPOTTER		305. ⁰⁰
5610	1	Acid Delivery		160 ⁰⁰
3107	200	15% GEL 100 + 100		260 ⁰⁰
4326	0	7/8" Ball sealers		
5107	1	Chem Inj. Pump		94 ⁰⁰
5115	0	Ball Injector		0
5604	1	Flow Valve		68 ⁰⁰
1231	200	Fractel		910 ⁰⁰
1208	1	Breaker		164.25
1207A	10	Procede		253.50
1252	25	Marflo		875.-
5703	1	BLENDING & HANDLING Gel Frac Truck		265 ⁰⁰
5109	40	TON-MILES		NA
		STAND BY TIME		
5108	40	MILEAGE 24 P/I/SPT/V		NA
5501F	2	WATER TRANSPORTS K1		NA/C
		VACUUM TRUCKS		
2101	3000#	FRAC SAND 25/40		420 ⁰⁰
2102	800#	12/20		128 ⁰⁰
		CEMENT		
			SALES TAX	

Revin 2790

ESTIMATED TOTAL 6192.70

CUSTOMER or AGENTS SIGNATURE

CIS FOREMAN

CUSTOMER or AGENT (PLEASE PRINT)

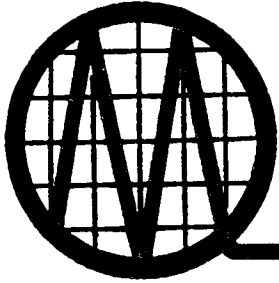
DATE

210069

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JAN 30 2007

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: Hess Lease

Well: # 13-24 CBM

County, State: Labette County, Kansas

Service Order #: 17573

Purchase Order #: N/A

Date: 9/29/2006

Perforated @: 782.0 to 785.0

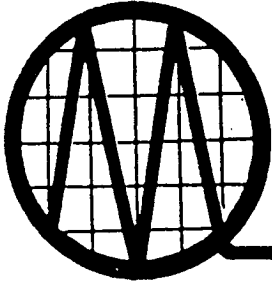
Type of Jet, Gun
or Charge: 3 3/8" DP 23 Gram Tungsten Expendable Casing Gun

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

Casing Size: 4.5"

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JAN 30 2007
CONSERVATION DIVISION
WICHITA, KS

17573



MIDWEST SURVEYS
LOGGING • PERFORATING • M.I.T. SERVICES
P. O. Box 68
Osawatomie, KS 66064
913 / 755-2128

Date 9/29/06

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 Hess #1324 CBM County Labette State Kansas

QUANTITY	DESCRIPTION OF SERVICE OR MATERIAL	PRICE
13ea	3 3/8" DP 23 Gram Tungsten Expandable Casing Gun	
	60° Phase Four (4) Perforations Per Foot	
	Minimum Charge - Ten Perforations	\$ 825.00
	Three (3) Additional Perforations @ \$ 2500	\$ 75.00
	Master Unit	\$ 75.00
	Perforated at: 782.0 to 785.0	

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JAN 30 2007 Total \$ 975.00

CONSERVATION DIVISION
WICHITA, KS
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 Date 9/29/06
By _____

Serviced by: Steve [Signature]

**CEMENTING
WORK ORDER**

CONSOLIDATED OIL WELL SERVICES, INC.
Phone (316) 431-9210 Chanute, Kansas 66720

Day Tue
Date 9 / 5 / 1:00
MONTH DAY TIME

NAME OF CUSTOMER Admiral Bay

LEASE # _____ WELL # _____

JOB DESCRIPTION LS x 3

PIPE SIZE 4 1/2 SIZE OF HOLE 6 3/4

DEPTH OF WELL 4 1/2 x 900' x 3 2

TYPE OF RIG: AIR MUD

AMT. OF CEMENT NEEDED _____

% OF GEL NEEDED _____

MATERIALS _____

TYPE OF TRUCK: VAC TRANSPORT

LOCATION OF JOB N. of Coffeyville on 169 to Hwy 160 - E. to Harper Rd - S. to just past 12,000 - W. into

ORDER TAKEN BY: _____

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