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	API No. 15 - 099-23848-0000
Name: Admiral Bay (USA) Inc.	County: Labette
Address: 7060B S. Tucson Way	
City/State/Zip: Centennial, CO 80112	feet from S / N (circle one) Line of Section
Purchaser: Southern Star	feet from E / W (circle one) Line of Section
Operator Contact Person: Steven Tedesco	Footages Calculated from Nearest Outside Section Corner:
Phone: (_303) _350-1255	(circle one) NE SE NW SW
Contractor: Name: L & S Well Services	Lease Name: Hess Well #: 13-24 SWD
License: 33374	Field Name: Mound Valley
Wellsite Geologist: Greg Bratton	Producing Formation: Arbuckle
Designate Type of Completion:	Elevation: Ground: 817' Kelly Bushing: 817'
New Well Re-Entry Workover	Total Depth: 1288' Plug Back Total Depth:
OilSWDSIOWTemp. Abd.	Amount of Surface Pipe Set and Cemented at Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used? Yes No
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth setFeet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from
Operator:	feet depth to w/sx cmt.
Well Name:	
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan AH. II SB
	(Data must be collected from the Reserve Pit) 3 - 24 - 08
Deepening Re-perf Conv. to Enhr./SWD	Chloride content ppm Fluid volume bbls
Plug Back Total Depth	Dewatering method used
Commingled Docket No.	Location of fluid disposal if hauled offsite:
Dual Completion Docket No	Operator Name:
Other (SWD or Enhr.?) Docket No.	Lease Name: License No.:
5/25/06 6/5/06 6/7/06	Quarter Sec TwpS. R East West
Spud Date or Date Reached TD Completion Date or Recompletion Date	
Tiodompiolion Buto	County: Docket No.:
Kansas 67202, within 120 days of the spud date, recompletion, workown information of side two of this form will be held confidential for a period of 107 for confidentiality in excess of 12 months). One copy of all wireline log-TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged well.	h the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, ver or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. 12 months if requested in writing and submitted with the form (see rule 82-3-s and geologist well report shall be attached with this form. ALL CEMENTING s. Submit CP-111 form with all temporarily abandoned wells.
herein are complete and correct to the best of my knowledge.	and the statements
Signature: Carol a Slaw	, KCC Office Use ONLY
Title: Land Administrator Date: 1/29/07	J
2016	Letter of Confidentiality Received
Subscribed and sworn to before me this 2970 day of	If Denied, Yes Date:
20 07	Wireline Log Received
Notary Public: time by June 8	Geologist Report Received RECEIVED UIC Distribution KANSAS CORPORATION COMMISSION
Date Commission Expires: 5-22-08	SAN 3 0 2007
W. C.	
W.	OF CONSERVATION DIVISION WICHITA, KS

ORIGINAL

NSTRUCTIONS: Show important tops and base of formalinosine penetrated. Detail all cores. Report all final copies of drill stems tests giving interval ested, time tool open and closed. Nowing and shush-in pressure reached static level, hydrostatic pressures, bottom hole emperature, 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 leaching flowing and shush-in greature persures, bottom hole emperature, 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 leaching flowing and shush-in greature, 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 leaching flowing and shush-in greature. Attach copy of leaching flowing and shush-in greature flowing and shush-in greature. Attach copy of leaching flowing and shush-in greature flowing and shush-in greature. Attach copy of leaching flowing and shush-in greature flowing and shush-in greature. Attach copy of leaching flowing and shush-in greature flowing and shush-in greature. Attach copy of leaching flowing and shush-in greature flowing and shush-in greature flowing and shush-in greature. Attach copy of leach flowing and shush-in greature flowing and shush-in	Operator Name: Admiral Bay (USA) Inc.					Lease Name: Hess			Well #: 13-24 SWD		
sated, time tool open and closed, flowing and shuf-in pressures, whether shuf-in pressure reached static level, flydrostatic pressures, bottom hole importance, fluid recovery, and flow rates if gas to surface lest, along with final chari(s). Attach extra sheet if more space is needed. Attach copy of lectric Wireline Logs surveyed. Attach final geological well site report. ### First Taken	Sec. 24 Twp. 33 S. R. 18 7 East West					County: Labette					
Name Top Datum	sted, time tool open a mperature, fluid reco	and closed, flowing very, and flow rates	and shut-in if gas to sur	pressures, v	whether s long with	hut-in pres	sure reached s	tatic level, hydro	ostatic pressure	es, bottom hole	
amples Sent to Geological Survey			Yes	√ No		Log	g Formatio	n (Top), Depth	and Datum	Sample	
pres Taken			Yes	⊘ No		Name			Тор	Datum	
Report all strings set-conductor, surface, intermediate, production, etc.		- 3				Excelle)		304	513	
st All E. Logs Run: Compensated Density Neutron Camma Ray/Cement Bond CCL Jamma Ray/Cement Bond CCL Joseph Camma Jamma Ray/Cement Bond Comminded Joseph Camma Jamma Ray/Cement Bond Comminded Joseph Cash Bond Comminded Joseph Camma Jamma Ray/Cement Bond Comminded Joseph Camma Jamma Ray/Cement Additives Joseph Camma Jamma Ray/Cement Squeeze Record Camma Additives Joseph Comminded Joseph College of Each Interval Perforated Joseph College of Each Interval Per	_										
CASING RECORD New Used Report all strings set-conductor, surface, intermediate, production, etc. Purpose of String Size Hole Size Casing Peter Double Set (in 0.0.) Use /Fi. Setting Dilled Set (in 0.0.) Use /Fi. Deptin Cement Used Additives ADDITIONAL CEMENTING / SOUEEZE RECORD Purpose: Deptin Top Bottom Top Bottom Top Bottom Top Bottom Top Bottom Top Bottom Additives ADDITIONAL CEMENTING / SOUEEZE RECORD Purpose: Deptin Top Bottom Top Bottom Top Bottom Additives Perforate Casing Pilug Back TD Pilug Off Zone Perforation RECORD - Bridge Plugs Set/Type Shots Per Foot Specify Footage of Each Interval Perforated Additives Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Deptin Specify Footage of Each Interval Perforated Production of Material Used) UBING RECORD Size Sot At Producing Method Place Bate of First, Resumerd Production, SWD or Enhr. Producing Method Royal Plugs Set (Psowing Pumping Gas Litt Gither (Explain) States of First, Resumerd Production, SWD or Enhr. Producing Method Per 24 Hours Bate of First, Resumerd Production Oil Bate. Gas Mct Water Bate. Gas-Oil Ratio Gravity Per 24 Hours Bate of First, Resumerd Production Production Production Production Interval Record Set Deptin Deptin Set Deptin De						Arbuck	kle		1126	-309	
Report all strings set-conductor, surface, intermediate, production, etc. Purpose of String Size Hole Size Casing Weight Satting Type of Used Sacks Type and Percent Additives Surface 8 5/8" 20' Production 4 2" 1127' ADDITIONAL CEMENTING / SQUEEZE RECORD Purpose: Depth Type of Cement #Sacks Used Type and Percent Additives Porforate Protect Casing Plug Back TD Plug Off Zone Shots Per Foot PERFORATION RECORD - Bridge Plugs Set/Type Acid, Fracture, Shot, Cement Squeeze Record Depth Shots Per Foot PERFORATION RECORD - Bridge Plugs Set/Type Acid, Fracture, Shot, Cement Squeeze Record Depth Shots Per Foot Ping Off Zone Native Native Perforated Shots Per Foot Ping Off Zone Native Perforated Perforated Shots Per Foot Perforated National Used) Depth Shots Per Foot Perforated Production Perforated Perforated Shots Per Foot Perforated National Used Other (Explain) Shots Per Foot Perforated Perforated Perforated Perforated Perforated Sold of First, Resumerd Production, SWD or Enhr. Producing Method Perforated Pumping Gas Lift Other (Explain) Stemated Production Oil Bbis. Gas Mcf Water Bbis. Gas-Oil Ratio Gravity Perforate Popen Hole Perf. Dually Comp. Commingled Comminged Commingled Commingled	Compensated Density Gamma Ray/Cement Gamma Ray/Neutron	Bond CCL									
Purpose of String Size Hole Drilled Size Casing Weight Depth Cement 9 Sacks Type and Percent Additives Sorface 8 5/8			Report a					on etc			
ADDITIONAL CEMENTING / SQUEEZE RECORD Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone Shots Per Foot PERFORATION RECORD - Bridge Plugs Set/Type Specily Footage of Each Interval Perforated Protect Casing Plug Back TD Plug Off Zone Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth CPCL No R PERFORATION RECORD - Bridge Plugs Set/Type Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth CPCL No R PERFORATION RECORD - Bridge Plugs Set/Type Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth CPCL No R PERFORATION RECORD - Bridge Plugs Set/Type Specily Footage of Each Interval Perforated Liner Run Ves No Detect of First, Resumend Production, SWD or Enhr. N/A Producing Method Production Production Production Production Interval Productio	Purpose of String		Size C	Casing	We	eight	Setting	Type of		Type and Percent	
ADDITIONAL CEMENTING / SQUEEZE RECORD Purpose:	Suctore	Drilled	Set (In	ነ (J.D.) አ	Lbs. / Ft.			Cement	Used	Additives	
ADDITIONAL CEMENTING / SQUEEZE RECORD Purpose: Perforate Protect Casing Prug Back TD Plug Off Zone Shots Per Foot PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated Additives Perforate Additives Perforate Protect Casing Plug Back TD Plug Off Zone Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth DDML No. 2 1120 - 1288	0		42	n		•					
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone PREFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated Protect Casing Plug Back TD Plug Off Zone 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 Depth Depth TUBING RECORD Size Set At Packer At Liner Run Ves No Date of First, Resumerd Production, SWD or Enhr. Producing Method Plowing Pumping Gas Lift Other (Explain) Stimated Production Per 24 Hours Disposition of Gas METHOD OF COMPLETION Production Interval RECEIVED KANSAS CORPORATION COMM				-							
Perforate Protect Casing Plug Back TD Plug Off Zone Protect Casing Plug Back TD Plug Off Zone Protect Casing Plug Back TD Plug Off Zone Perforation RECORD - Bridge Plugs Sel/Type Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth Dock hole ITZÛ - 1288 UBING RECORD Size Set At Packer At Liner Run Yes No Pate of First, Resumerd Production, SWD or Enhr. Producing Method N/A Flowing Pumping Gas Lift Other (Explain) Sistimated Production Per 24 Hours Disposition of Gas METHOD OF COMPLETION Production Interval RECEIVED Wented Sold Used on Lease Popen Hole Perf. Dually Comp. Commindled WANSAS CORPORATION COMM			Д	DDITIONAL	CEMENT	ING / SQU	EZE RECORD				
Specify Footage of Each Interval Perforated (Amount and Kind of Material Used) Depth Depth D	Perforate Protect Casing Plug Back TD		Type of Cement		#Sack	s Used		Type and	Percent Additives		
TUBING RECORD Size Set At Packer At Liner Run Yes No Date of First, Resumerd Production, SWD or Enhr. Producing Method N/A Stimated Production Per 24 Hours Disposition of Gas METHOD OF COMPLETION Production Interval RECEIVED KANSAS CORPORATION COMM	Shots Per Foot					•					
TUBING RECORD Size Set At Packer At Liner Run Yes No Date of First, Resumerd Production, SWD or Enhr. Producing Method N/A Sestimated Production Per 24 Hours Disposition of Gas METHOD OF COMPLETION Production Interval RECEIVED KANSAS CORPORATION COMM	open hole	1120 - 1288					····· / ···· · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	·		
Date of First, Resumerd Production, SWD or Enhr. N/A Producing Method Flowing Pumping Gas Lift Other (Explain) Estimated Production Per 24 Hours Disposition of Gas METHOD OF COMPLETION Production Interval RECEIVED KANSAS CORPORATION COMM											
Date of First, Resumerd Production, SWD or Enhr. N/A Producing Method Flowing Pumping Gas Lift Other (Explain) Estimated Production Per 24 Hours Disposition of Gas METHOD OF COMPLETION Production Interval RECEIVED KANSAS CORPORATION COMM											
N/A Flowing	TUBING RECORD	Size	Set At		Packer	At]Yes [] No)		
Per 24 Hours Disposition of Gas METHOD OF COMPLETION Production Interval RECEIVED Wented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled		Production, SWD or E	nhr. P	roducing Met	nod	Flowing	Pumpin	g Gas L	ift Othe	er (Explain)	
Vented Sold Used on Lease ✓ Open Hole Perf. Dually Comp. Commingled KANSAS CORPORATION COMM		Oil	3bls.	Gas	Mcf	Water	Bb	ıls.	Gas-Oil Ratio	Gravity	
	Disposition of Gas	METHOD OF C	OMPLETION				Production Interv	al	KANSAS COL	RECEIVED	
(If vented, Submit ACO-18.) Other (Specify) JAN 3 0 2007			4			f. 🔲 Du	ally Comp.	Commingled _			

CONSERVATION DIVISION WIGHTIA, KS

.l., S WELL S #33374	SERVICE, LLC	DRILLER LOG	Hess 13-24 SWD API: 15-099-23848-0000		
543A 22000 CHERRYVA	ROAD LE, KS 67335	Admiral Bay	Sec 24, Twp 33, R 18 Labette County, Ks		
0-2	SOIL	5-25-06 Drilled 11" hole and se	4 24 21 of		
2-21'	LIME	8 5/8" surface casing with 6 sa			
21-26	SHALE	cement	cks Poruand		
26-35	LIME	Cement			
35- 6 0	SHALE	6-3-06 Started drilling 6 3/4" he	ole		
60-148	LIME	0-0-00 Curica arining 0 0/4 in	oie -		
148-153	SHALE	6-5-06 Finished drilling to T.D	1288'		
153-155	LIME	to to thinonou ariting to 1.5	1200		
155-180	SHALE	561' 4" ON 1/2" ORIFICE			
180-230	LIME	761' SLIGHT BLOW			
230-255	DARK SHALE	811' 10" ON 1/2" ORIFICE			
255-260	LIME	1137' 5" ON 1/2" ORIFICE			
260-261	COAL				
261-283	LIME				
283-284	COAL				
284-336	LIME				
336-338	SHALE				
338-378	LIME				
378-382	SHALE				
382-387	LIME				
387-450	BLACK SHALE				
450-456	SHALE				
456-540 540-574	SAND				
540-571	SHALE				
571-585	SANDY SHALE				
585-586 586-611	COAL SHALE				
611-621	SANDY SHALE				
621-651	SHALE				
651-661	SANDY SHALE				
661-681	SHALE				
681-691	SANDY SHALE				
691-740	SHALE				
740-755	SANDY SHALE				
755-766	SHALE	·			
766-782	SANDY SHALE				
782-791	BLACK SHALE				
791-1069	LIME				
1069-1071	GRAY SHALE				
1071-1074	BLACK SHALE				
1074-1097	SHALE				
1097-1107	SANDY SHALE				
1107-1117	SAND		RECEIVED		
1117-1127	BLACK SHALE	v	ANSAS CORPORATION COMMISSION		
1127-1288	SAND				
	T D 42001		JAN 3 0 2007		

Page 1 of 1

CONSERVATION DIVISION WICHITA, KS

T.D. 1288'

CONSOLIDATED OIL WELL SERVICES, INC. 211 W. 14TH STREET, CHANUTE, KS 66720 620-431-9210 OR 800-467-8676 #4

FIREMAN SELECTION 15053

TREATMENT REPORT FRAC & ACID

DATE	CUSTOMER#	WELL	NAME & NUMB	ER	SECTION	TOWNSHIP	RANGE	COUNTY
7-21-09		Hess 1	3-24	SWD	24	33	18	48
CUSTOMER		say lo						
ud	wekal!	San lo	our	اريا	TRUCK #	DRIVER :	TRUCK#	DRIVER
MAILING ADDRE	SS				243	Scott		
					37/	Marke		
CITY		STATE	ZIP CODE		508198	Cure		
					488/1702	MATT		
					474	TERESA		
	WELL	DATA		j ,	747	7		
CASING SIZE	11/2	TOTAL DEPTH	1288			TYPE OF TR	EATMENT	L
CASING WEIGHT	10.5	PLUG DEPTH		1	Acid 1		FRAC	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
TUBING SIZE		PACKER DEPTH	1120	' 	-1014/11	CHEMI		
TUBING WEIGHT	-	OPEN HOLE	20-1288	•	15% H			
PERFS & FORMA	ATION		V MOD		MAKE			
ADDEVI	E DISPOSA	1126.	-1288		, -U [F F	· ·	 	*****
1 W. Jacob			UHULE			· · · · · · · · · · · · · · · · · · ·		
			- 0104	'		regression of the second of the second		
O ST/	AGE	BBL'S PUMPED	INJ RATE	PROPPANT PPG	SAND/STAGE	PSI		इन्हरी के तहत
break	LOUVE	•					BREAKDOWN	500
Estal	. Rot.		12.8			250-80	START PRESSU	
1	1500 6	me.	15.8			300	END PRESSURE	
Illen		Cal 1.5 6					BALL OFF PRES	
2	000 # A	MICKSM	11 30	Jay Ton	evogh.	40-500	ROCK SALT PRE	
				1 1 1 1			ISIP	50
- /	500 ga	1504	15.8			300		acoum.
	0						10 MIN	1 - 2 - 3 - 3
FW	SH	50	18,2			2.10-175	15 MIN	
נעמ	MHIS	432					MIN RATE	
		, , <u>, , , , , , , , , , , , , , , , , </u>	-				MAX RATE	
		<u> </u>					DISPLACEMENT	100
							LIISPLACEMENT	11.8
- 70-7	74	139						~
REMARKS:		17/				L	<u> </u>	
								
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AUTHORIZATION	. 17	mi			ANSAS CORPORATI	ON COMMISSION	9	21-06
AUTHUKIZATION	10			TITLE	JAN 3 0	2007	DATE	7-04



JJ 4

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

TICKET NUMBER 29970

LOCATION Theyer

FIELD TICKET

1-21-04 ID 67 HESS 13-24	SW SW	SECTION 24	33	18	COUNTY	AUBUCKLE
CHARGE TO ASSURAL BAY RESOURCES.		OWNER				
MAILING ADDRESS		OPERATOR	90	, H M	RRiS	
CITY & STATE		CONTRACTOR	1			

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	UNIT PRICE	TOTAL AMOUNT
51020		PUMP CHARGE 1000 HT Combo	2075.0	10700
5610.40	4	Aid Pump Delivery	152.00	608 00
3107.10	3000	15% Hel markers	1/2:30	3980
5111	/	FRACUAN.	6500	4900
1227	2000#	ROCKSACT	125	5000
5107	l	3" Fre Value	942	9400
1123	5,500	city aster.	12.8	70.40
		BLENDING & HANDLING TON-MILES		
5109	38	STAND BY TIME MILEAGE PITVSPT	3.11	NA.
25017	4	WATER TRANSPORTS VACUUM TRUCKS FRAC SAND	98.00	392.00
		CEMENT	SALES TAX	4.61
4s 2790			ESTIMATED TOTAL	

CUSTOMER OF AGENTS SIGNATURE STORMS CIS FOREMAN GRAY LIKE 16707.01

CUSTOMER OF AGENT (PLEASE PRINT) RECEIVED

KANSAS CORPORATION COMMISSION

DATE

JAN 3 0 2007

207195 20729

CONSERVATION DIVISION WICHITA, KS