KANSAS CORPORATION COMMISSION ORIGINAL ORIGINAL CONTRACTOR DIVISION

Form ACO-1 September 1999 Form Must Be Typed

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

| Operator: License # 33583 | API No. 15 - 001-29426-00-00 |
|---|--|
| Name: Admiral Bay (USA) Inc. | County: Allen |
| Address: 7060B S. Tucson Way | ne_ne_Sec. 25 Twp. 26 S. R. 17 🗸 East 🗌 West |
| City/State/Zip: Centennial, CO 80112 | 360 fnl feet from S /(N) (circle one) Line of Section |
| Purchaser: Southern Star | 360 fel 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: McGown Drilling | Lease Name: Markham Well #: 1-25 |
| License: 5786 | Field Name: Humboldt-Chanute |
| Wellsite Geologist: Brian Walsh | Producing Formation: Riverton Coal |
| Designate Type of Completion: | Elevation: Ground: 933 Kelly Bushing: |
| New Well Re-Entry Workover | Total Depth: 1141 Plug Back Total Depth: |
| Oil SWD SIOWTemp. Abd. | Amount of Surface Pipe Set and Cemented atFeet |
| ✓ Gas ENHR SIGW | Multiple Stage Cementing Collar Used? ☐Yes ☑No |
| Dry Other (Core, WSW, Expl., Cathodic, etc) | If yes, show depth set 24 Feet |
| 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 AI+ II MAL (Data must be collected from the Reserve Pit) 12-2-0 % |
| Deepening Re-perf Conv. to Enhr./SWD | Chloride content ppm Fluid volume bbls |
| Plug BackPlug Back Total Depth | Dewatering method used air dry |
| Commingled Docket No. | Location of fluid disposal if hauled offsite: |
| Dual Completion Docket No. | · |
| Other (SWD or Enhr.?) Docket No | Operator Name: |
| 7/8/06 7/13/06 7/17/06 | Lease Name: License No.: |
| Spud Date or Date Reached TD Completion Date or | Quarter Sec TwpS. R 🗌 East 🗌 West |
| Recompletion Date Recompletion Date | County: Docket No.: |
| Kansas 67202, within 120 days of the spud date, recompletion, workow Information of side two of this form will be held confidential for a period of | th 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-is and geologist well report shall be attached with this form. ALL CEMENTING is. Submit CP-111 form with all temporarily abandoned wells. |
| All requirements of the statutes, rules and regulations promulgated to regulaterian are complete and correct to be best of my knowledge. | late the oil and gas industry have been fully complied with and the statements |
| Signature: | KCC Office Use ONLY |
| Procident 9/29/06 | Letter of Confidentiality Received |
| 794 C. L. | 1 |
| Subscribed and sworn to before me this | If Denied, Yes Date: |
| 2006. | Geologist Report KANSAS CORPORATION CONTROL |
| Notary Public: Alla Manager | Geologist Report KANSAS CORPORATION COMMISSIN OCT 0 3 2006 |
| Date Commission Expires: 5-22-08 | |
| | CONSERVATION DIVISION WICHITA, KS |

Side Two

| Operator Name: Admiral Bay (USA) Inc. | | | L | Lease Name: Markham | | | Well #: 1-25 | | |
|---|--|---|---|--------------------------------|---|---|------------------|---|--|
| Sec. 25 Twp. 26 S. R. 17 🗸 East 🗌 West | | | Vest Co | ounty: Aller | 1 | | | | |
| NSTRUCTIONS: Shested, time tool open emperature, fluid reco dectric Wireline Logs | and closed, flowir overy, and flow rate | ng and shut-in pre es if gas to surfac | ssures, wheth e test, along v | er shut-in p vith final cha | essure reache | d static level, hyd | Irostatic pressu | tests giving interval ures, bottom hole ded. Attach copy of a | |
| rill Stem Tests Taken | | ☐ Yes 🗸 | ☑ No | | _og Forma | ition (Top), Depth | and Datum | Sample | |
| amples Sent to Geol | · | ☐ Yes 🗸 | ☑ No | Name | | | Тор | Datum | |
| ores Taken | , | | ☑ No | Exc | elio | | 622 | 311 | |
| lectric Log Run (Submit Copy) | | Yes 🗸 | / No | Upp | er Riverton | | 1027 | -94 | |
| ist All E. Logs Run: | | | | Mis | sissippian | | 1043 | -110 | |
| | | | | | | | | | |
| | | | CASING RECO ngs set-conducte | · | ew 💹 Used ermediate, produ | ction, etc. | | | |
| Purpose of String | Size Hole Drilled | Size Casin 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 | | 24 | Portland | 5 | Additives | |
| Production | 6 3/4 | 4 1/2 | 9.5 | | 1131 | owc | 120 | Pheno; Gilsonite; Ge | |
| | | | | | | | | | |
| Purpose: | Danth | | | | JEEZE RECOR | D | | | |
| Purpose. —— Perforate —— Protect Casing —— Plug Back TD —— Plug Off Zone | Depth Top Bottom | Type of Cem | ent #S | acks Used | | Type and | Percent Additive | S | |
| Shots Per Foot | PERFORAT Specify | ION RECORD - Bri | dge Plugs Set/I erval Perforated | ӯре | | acture, Shot, Cemer Amount and Kind of N | | rd Depth | |
| I-25-BV 1 | 026.5' to 1029. | 5' | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | 2600# 20/40 | sand; 3800 12/20 | 0 sand; 486 bb | ls water 1026.5-1029. | |
| | | | | | | | | | |
| TUBING RECORD | Size | Set At | Pack | ker At | Liner Run | Yes No | D | | |
| Date of First, Resumerd F 8/9/06 | Production, SWD or E | Enhr. Produc | cing Method | Flowin | g 📝 Pump | ing 🔲 Gas L | ift 🗌 Oth | er (Explain) | |
| Estimated Production Per 24 Hours | Oil | Bbls. Ga | as Mcf | Wat | er E | 3bls. | Gas-Oil Ratio | Gravity | |
| | METHOD OF (| COMPLETION | *************************************** | | Production Inte | rval | | RECEIVED | |
| Disposition of Gas | | | | | , | | MANSAS CO | RPORATION COMMIS | |

CONSERVATION DIVISION WICHITA, KS

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

| TICKET NUMBER | 07293 |
|------------------|-------|
| LOCATION B-vulle | |
| FOREMAN LOOP | |

TREATMENT REPORT & FIELD TICKET

| | | | CLIVIL | | | | |
|---------------|---------------------------------------|------------------|--------------|---------------------------------------|-----------------|---|--|
| DATE | CUSTOMER# | WELL NAME & | NUMBER | SECTION | TOWNSHIP | RANGE | COUNTY |
| 7-13-06 | 10/07 | Mark ham #1- | 25 | | | | allen |
| CUSTOMER | · · · · · · · · · · · · · · · · · · · | | | | | | |
| admira 1 | Bau | | | TRUCK# | DRIVER | TRUCK# | DRIVER |
| MAILING ADDRE | ESÉ, | | | 418 | Bel/ | | |
| | | | | 448 799 | Mark | | |
| CITY | | STATE ZIP COL | DE | 453 790 | Danny The | ur) | |
| <u> </u> | · · · · · · · · · · · · · · · · · · · | | | | | | |
| JOB TYPE | 45. | HOLE SIZE 634 | HOLE DEP | тн <u>////</u> | CASING SIZE & W | EIGHT 44 | |
| CASING DEPTH | _//3/ | DRILL PIPE | TUBING | · · · · · · · · · · · · · · · · · · · | | OTHER | |
| SLURRY WEIGH | T | SLURRY VOL | WATER gal | l/sk | CEMENT LEFT in | CASING | 2~ |
| DISPLACEMENT | 18 | DISPLACEMENT PSI | MIX PSI | | RATE | | |
| REMARKS: Pu | well Ishs well | shead, Est coul | lation Au | noch 120 sks | DIVILLEMENT C | bushed su | us tlas |
| displand | | Hom set shoe | . , , | 7 | | | / · · · · · · · · · · · · · · · · · · · |
| | | - Chalabal Co | execut to su | where- | | | |
| | | | | | KANSAS | RECEIVED | |
| | | | | | | ORPORATION CO | PMMISSION |
| | | | | | | ICT 0 3 200 | 6 |
| | | | | | | | |
| | | | | | | ERVATION DIVIS | ON |
| | | | | | | *************************************** | |
| | | | | | | | |
| ACCOUNT | | | | | | · | |

| ACCOUNT CODE | QUANTITY or UNITS | DESCRIPTION of SERVICES or PRODUCT | UNIT PRICE | TOTAL |
|-----------------|-------------------|------------------------------------|------------|--------|
| 5401 | 1 | PUMP CHARGE Long Horay | | 800.00 |
| 5406 | 10 | MILEAGE | | 31.50 |
| 540.2 | ובוו | Footage | | 192.27 |
| 54074 | | Ton address e | | 355,32 |
| 5501C.10 | 4hr. | Trunsport | | 392.00 |
| 1126 | 120ch | OWLiement | | 175800 |
| 1102 A | 80 [#] | Pheno Sea ! | | 80,00 |
| IIIO | 1200 # | les some he | | 55200 |
| 7118B | 150 ± | 601 | | 2100 |
| 1123 | 5000,1 | Coly Walr 4/2 Rubber Plus | | 64.00 |
| 4404 | | 4/2 Rubber Pluy | | 40,00 |
| | | | | |
| | | | | |
| | | | | |
| | | | | 44 |
| | • | | SALES TAX | 158.45 |
| · | t 1106 | | ESTIMATED | 4 5 |

207165

TOTAL 2444 57

STIMULATION DESIGN

25-26-17 ACCO

WELL - MARKHAM 1 - 25

FIELD - SHILOH

FORMATION - RIVERTON COAL

1 (a)

PERFORATIONS - 1027 - 1029

OF SHOTS - 4 SHOTS PER FOOT - 17 SHOTS

NOTES - SPOT ACID ON PERFS, BREAK DOWN, PUMP AS PER SCHEDULE

ADJUSTING RATE OR SAND CONCENTRATION TO GET TOTAL JOB VOLUME PUT AWAY

| | | | VOLUME | SAND | SAND | RATE | SAND | CUM | CUM | |
|-------|----------------------|--------------------|----------|--------------|-------|--------|--------------|--------------|---------|----|
| STAGE | DESCRIPTION | FLUID | BBLS | MESH | CONC | ВРМ | LBS | BBLS | SAND# | |
| 1 | SPOT ACID ON PERFS | 15% HCL | 200 GALS | | | | <u> </u> | | | 4 |
| 2 | ACID BREAKDOWN | 10#/GAL GUAR | 10 | | | | | 10 | | 4 |
| 3 | SHUT DOWN, TAKE ISIP | | | (| | | <u> </u> | | | 4 |
| 4 | PUMP PAD | 10#/GAL GUAR | 75 | | | 12-15 | <u> </u> | 85 | | - |
| 5 | PUMP SAND STAGE | 10#/GAL GUAR | 25 | 20/40 | .25 | 12-15 | 262.5 | 110 | 262.5 | 4 |
| 6 | PUMP SAND STAGE | 10#/GAL GUAR | 25 | 20/40 | .375 | 12-15 | 393.75 | 135 | 656.25 | 4 |
| 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 | 12 |
| 9 | PUMP SAND STAGE | 10#/GAL GUAR | 25 | 12/20 | 0.125 | 12-15 | 131.25 | 235 | 131.25 | 4 |
| 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 | 4 |
| 12 | PUMP SAND STAGE | 10#/GAL GUAR | 50 | 12/20 | .50 | 12-15 | 1050 | 385 | 1837.5 | 12 |
| 13 | PUMP FLUSH | WATER | 75 | | | | | 460 | | - |
| | | | | | 1 | | | + | + | - |
| | | | | <u>.</u> | | | | | | 7 |
| | | | | <u> </u> | - | | | | - | - |
| | | TOTAL DIRTY VOLUME | 460 | | | # SAND | 4593.75 | | | 1 |

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

Perforation Record

| Company: | Admiral Bay Resources, Inc. | |
|-----------------------------------|---------------------------------|-----------------------------------|
| Lease/Field: | Markham Lease | |
| Well: | # 1-25 | KANSAS CORRES |
| County, State: | Allen County, Kansas | OCT 0 3 2006 |
| Service Order #: _ | 17272 | CONSERVATION DIVISION WICHITM, KS |
| Purchase Order #: | N/A | |
| Date: | 7/24/2006 | |
| Perforated @: | 1026.5 to 1029.5 | |
| Type of Jet, Gun or Charge: 3 3/8 | 3" DP 23 Gram Tungsten Expendak | ple Casing Gun |
| Number of Jets, | | · |
| Guns or Charges: | Thirteen (13) | |
| Casing Size: | 4.5" | |

LINEAR PLOT

