ORIGINAL

Operator: License # 32977

#### KANSAS CORPORATION COMMISSION KANSAS CORPORATION COMMISSION

API No. 15 - 001-29432-00-00

JAN 08 2007

RECEIVED

Form ACO-1 September 1999

Form Must Be Typed SIOM Shiloh

#### **WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE**

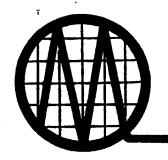
OIL & GAS CONSERVATION DIVISION

CONSERVATION DIVISION WICHITA, KS

| Address: 7898-B So. Turson Way  City/State/Dip. Centennial, CO 80112  Phone: (303  | Name: _Admiral Bay (USA) Inc.   | County: Allen   |
|--|---|---|
| Purchaser. Southern Star  Operator Contact Person. Card Seara  Phone: (303) 390-1255  Contractor. Name. BC Steel  Licenses. 33711  Wellsite Geologist: Brian Walsh  Peagingste Type of Completion:  New Well PRe-Entry Workover  Oil SWD SIOW Temp. Abd.  Gas ENHR SIGW  Dry Other (Core, WSW, Expl., Cathodic, etc)  If Workover/Re-entry. Old Well Into as follows:  Operator:  Deapening Re-perf. Conv to Entr/SWD  Plug Back  Plug Back  Plug Back Total Depth:  Dould Completion  Dotter (SWD or Entr?)  INSTRUCTIONS: An original and two copies of this form will be haded origination of side two of link form will be haded origination of side two of link form will be haded origination of side two of link form will be plud date, recompletion bate  INSTRUCTIONS: An original and two copies of this form whill nat plugged wells. Submit CP-11 from within all temporarity abandoned wells.  INSTRUCTIONS: An original and two copies of this form whill nat plugged wells. Submit CP-11 from within all temporarity abandoned wells.  INSTRUCTIONS: An original and two copies of this form whill nat plugged wells. Submit CP-11 from within all temporarity abandoned wells.  INSTRUCTIONS: An original and two copies of this form whill nat plugged wells. Submit CP-11 from within all temporarity abandoned wells.  INSTRUCTIONS: An original and two copies of this form with all plugged wells. Submit CP-11 from within all temporarity abandoned wells.  INSTRUCTIONS: An original and two copies of this form with all plugged wells. Submit CP-11 from within all temporarity abandoned wells.  INSTRUCTIONS: An original and two copies of this form with all plugged wells. Submit CP-11 from within all temporarity abandoned wells.  INSTRUCTIONS: An original and two copies of this form will be the developed the coll and gas industry have been fully compiled with and t | Address: 7060-B So. Tucson Way  |   |
| Purchaser. Southern Star  Operator Contact Person. Card Seara  Phone: (303) 390-1255  Contractor. Name. BC Steel  Licenses. 33711  Wellsite Geologist: Brian Walsh  Peagingste Type of Completion:  New Well PRe-Entry Workover  Oil SWD SIOW Temp. Abd.  Gas ENHR SIGW  Dry Other (Core, WSW, Expl., Cathodic, etc)  If Workover/Re-entry. Old Well Into as follows:  Operator:  Deapening Re-perf. Conv to Entr/SWD  Plug Back  Plug Back  Plug Back Total Depth:  Dould Completion  Dotter (SWD or Entr?)  INSTRUCTIONS: An original and two copies of this form will be haded origination of side two of link form will be haded origination of side two of link form will be haded origination of side two of link form will be plud date, recompletion bate  INSTRUCTIONS: An original and two copies of this form whill nat plugged wells. Submit CP-11 from within all temporarity abandoned wells.  INSTRUCTIONS: An original and two copies of this form whill nat plugged wells. Submit CP-11 from within all temporarity abandoned wells.  INSTRUCTIONS: An original and two copies of this form whill nat plugged wells. Submit CP-11 from within all temporarity abandoned wells.  INSTRUCTIONS: An original and two copies of this form whill nat plugged wells. Submit CP-11 from within all temporarity abandoned wells.  INSTRUCTIONS: An original and two copies of this form with all plugged wells. Submit CP-11 from within all temporarity abandoned wells.  INSTRUCTIONS: An original and two copies of this form with all plugged wells. Submit CP-11 from within all temporarity abandoned wells.  INSTRUCTIONS: An original and two copies of this form with all plugged wells. Submit CP-11 from within all temporarity abandoned wells.  INSTRUCTIONS: An original and two copies of this form will be the developed the coll and gas industry have been fully compiled with and t | City/State/Zip: Centennial, CO 80112  | feet from S (N)(circle one) Line of Section   |
| Operator Contact Person: Carol Seans Phone: (303)390-1285  |   | · · · · · · · · · · · · · · · · · · ·   |
| Phone: (303) 390-1255 (circle one) NE SE NW SW  Lease Name: Barr Well # 4-30  License: 33711  Wellste Geologis: Brian Walsh  Designate Type of Completion:  New Well Re-Entry Workover Oil SWD SIOW Temp. Abd.  V Gas ENHR SIGW Dry Other (Core, WSW, Expl., Cathodic, etc) If Workover/Re-entry: Old Well Info as follows:  Operator:  Despening Re-pert. Comv. to Entrr/SWD Plug Back Total Depth:  Comminged Docket No.  Dual Completion Dote No.  Other (SWD or Enhr?) Docket No.  Dual Completion Dote Recompletion Date or Recompletion Date or Recompletion Date  New Date Reached TD Completion Date or Recompletion Date or Recompletion Date  INSTRUCTIONS: An original and two copies of this form shall be filled with the Kansas Cryozation Commission, 130 S. Market - Room 2078, Wichita, Kansas Gr232, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-9-130, 82-9-106 and 82-9-107 app: Vice Centre of the Statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complete with and the statements herein are complete and correct to the best of my knowledge.  Lease Name:  License NE SE NAW SW  Well # 4-30  Lease Name:  Elevation: Ground: 931  Elevation: Ground: 931  Kelly Bushing: Total Depth:  Total Depth: 1160 Plug Back Total Depth:  Total Depth: 1160 Plug Back Total Centre of State of Centre of of Ce | Operator Contact Person: Carol Sears  |   |
| Wellsite Geologist:   Brian Walsh   Designate Type of Completion:   Producing Formation:   Mulberry, Mineral   Elevation: Ground:   \$31   | •   | (circle one) NE SE (NW) SW  |
| Wellsite Geologist:   Brian Walsh   Designate Type of Completion:   Producing Formation:   Mulberry, Mineral   Elevation: Ground:   \$31   | Contractor: Name: BC Steel  | Lease Name: Barr Well #: 4-30   |
| Wellsite Geologist: Brian Walsh  Designate Type of Completion:  — New Well — Re-Entry — Workover  — Oil — SWD — SIOW — Temp. Abd. — Amount of Surface Pipe Set and Cemented at 20 — Feet Multiple Stage Cementing Collar Used? ☐ Yes ☐ No If yes, show depth set If Alternate II completion, cement circulated from — feet depth to — w. — sx cmt.  Well Name:   | License: 33711  | Field Name: Humboldt-Chanute  |
| Designate Type of Completion:  New Well Re-Entry Workover Oil SWD SIOW Temp. Abd.  ✓ Gas ENHR SIGW Dry Other (Core, WSW, Expt., Cathodic, etc) If Workover/Re-entry: Old Well Info as follows:  Operator:  Well Name: Original Comp. Date: Original Total Depth: Ocorw, to Enhr/SWD Plug Back Plug Back Plug Back Plug Back Plug Back Total Depth: Original Comp. Date: Original Comp. Date: Original Comp. Date: Original Total Depth: Ocorw to Enhr/SWD Plug Back Plug Back Plug Back Plug Back Total Depth Commingled Docket No. Other (SWD or Enhr/?) 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, 82-3-107 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 wiferine logs and depologist well epot shall be attacked this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarity abandoned wells.  KC  | Wellsite Geologist: Brian Walsh   | Producing Formation: Mulberry, Mineral  |
| Amount of Surface Pipe Set and Cemented at 20 Feet Multiple Stage Cementing Collar Used?   | Designate Type of Completion:   | Elevation: Ground: 931 Kelly Bushing:   |
| Multiple Stage Cementing Collar Used?  | New Well Re-Entry Workover  | Total Depth: 1160' Plug Back Total Depth:   |
| If yes, show depth set   | Oil SWD SIOWTemp. Abd.  | Amount of Surface Pipe Set and Cemented at 20 Feet  |
| If Alternate II completion, cement circulated from   | Gas ENHR SIGW   | Multiple Stage Cementing Collar Used? ☐ Yes ✓ No  |
| Coperator:   | Dry Other (Core, WSW, Expl., Cathodic, etc)   | If yes, show depth setFeet  |
| Well Name:  Original Comp. Date:  Original Total Depth:  Deepening  Re-perf.  Conv. to Enhr./SWD  Plug Back  Plug Back  Plug Back Total Depth  Commingled  Docket No.  Dual Completion  Docket No.  Other (SWD or Enhr.?)  Docket No.  Date Reached TD  Completion Date or Recompletion Date or Recompletion Date  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:  Land Administrator  Date: 1 3/07  Letter of Confidentiality Received  Wireline Log Received  Beologist Report Received  Juc Distribution   | If Workover/Re-entry: Old Well Info as follows:   | If Alternate II completion, cement circulated from  |
| Original Comp. Date:Original Total Depth:  | Operator:   | feet depth tosx cmt.  |
| Original Comp. Date:   | Well Name:  | Dill 5 14 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1   |
| Plug Back  | Original Comp. Date: Original Total Depth:  | (Data must be collected from the Reserve Pit)   |
| Plug Back Plug Back Total Depth  Commingled Docket No.  Dual Completion Docket No.  Other (SWD or Enhr.?) Docket No.  7/5/06 7/6/06 7/10/06  Spud Date or Recompletion Date Packed TD Completion Date or Recompletion Date  | Deepening Re-perf Conv. to Enhr./SWD  | Chloride content ppm Fluid volume bbls  |
|  | Plug BackPlug Back Total Depth  | •••   |
| Other (SWD or Enhr.?)  Other (SWD or Enhr.?)  Docket No.  7/5/06  7/6/06  Spud Date or Recompletion Date  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.  Subscribed and sworn to before me this 3 rday of 5 and 5  | Commingled Docket No  | ·   |
| Other (SWD of Enth.?)    Docket No.  | Dual Completion Docket No   |   |
| 7/5/06 Spud Date or Recompletion Date    Notary Public:   Completion Date   County:   S. R.   East   West   County:   Docket No.:  | Other (SWD or Enhr.?) Docket No   |   |
| Spud Date or Recompletion Date    Date Reached TD   Completion Date or Recompletion Date   | 7/5/06 7/6/06 7/10/06   | Lease Name: License 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:  Land Administrator  Date: 1/3/07  Letter of Confidentiality Received  Wireline Log Received  Bold Received  Geologist Report Received  Wireline Log Received  Geologist Report Received  Confidentiality Received   | Spud Date or Date Reached TD Completion Date or   |   |
| 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:  Land Administrator  Date: 1/3/07  KCC Office Use ONLY  Letter of Confidentiality Received  Wireline Log Received  Wireline Log Received  Policy Distribution   | necompletion bate necompletion bate   | County: Docket No.:   |
| Notary Public: 100 Mireline Log Received  Geologist Report Received  JIC Distribution  | Kansas 67202, within 120 days of the spud date, recompletion, workover Information of side two of this form will be held confidential for a period of 12 107 for confidentiality in excess of 12 months). One copy of all wireline logs at TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells.  All requirements of the statutes, rules and regulations promulgated to regulat herein are complete and correct to the best of my knowledge.  Signature:  Land Administrator  Date: 13/07 | r or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. 2 months if requested in writing and submitted with the form (see rule 82-3-and geologist well report shall be attached with this form. ALL CEMENTING Submit CP-111 form with all temporarily abandoned wells.  The the oil and gas industry have been fully complied with and the statements  **KCC Office Use ONLY**  **Letter of Confidentiality Received** |
| Notary Public: Like Manny Manny Mic Distribution   | 07  |   |
| 5-27-08  | It In sumo &  | 8 -   |
| OF COLOR   | 5-27-08   | · Colored   |
|  | Date Commission Expires.  | OF COLO   |

| STRUCTIONS: Show Important tops and see of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval assets, tims tool open and closed. Normal and sub-int pressures reached static level, hydrocratic pressures, bottom hole amperature, 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 infection where the surveyed. Attach final geological well site report.    Vest   | Operator Name: Admira  | al Bay (USA) inc.                           |                        |  | Lease                  | e Name: [   | Barr              |                     | _ Well #: 4-30          |             | ·                                       |
|--|--|---|------------------------|--|------------------------|-------------|-------------------|---------------------|-------------------------|-------------|---|
| asted, time tool open and closed, flowing and shuch in pressures, whether shuch in pressure reached static level, hydrostatic pressures, bottom hole interior with the pressure in the property of all interiors. Attach extra sheet if more space is needed. Attach copy of all interiors with the pressure of the pressure in the pressure i |  |   | ✓ East                 |  | Count                  | ty:         | Allen             |                     |                         |             |   |
| All State   Additional Sheets    Yes   No  | tested, time tool open a<br>temperature, fluid recov   | and closed, flowing<br>very, and flow rates | and shut-<br>if gas to | in pressures, s<br>surface test, a     | whether s<br>long with | shut-in pre | essure reached s  | static level, hydro | static pressure         | es, botto   | m hole                                  |
| Pawnee   Spr   S   | Drill Stem Tests Taken (Attach Additional Sh   | reets)                                      | Ye                     | es 🗸 No                                |                        | <b></b> ✓L  | og Formatio       | n (Top), Depth a    | and Datum               |             | Sample                                  |
| Bardiesville 901' 30'   Submit Copy)   | Samples Sent to Geolo  | gical Survey                                | ☐ Ye                   | s 🗹 No                                 |                        |             | -                 |                     | •                       |             |   |
| Bardiesville 901' 30'   Submit Copy)   | Cores Taken  |   | ∏ Y€                   | s No                                   |                        | Exce        | llo               |                     | 300'                    | 6           | 631'                                    |
| STATE   Committee   Committe   | Electric Log Run   |   | =                      |  |                        |             |                   |                     |                         |             |   |
| High-Resolution Litho-Density Neutron Log Muld Log  CASING RECORD  | List All E. Logs Run:  |   |                        |  |                        | Missi       | ssippian          |                     | 1049'                   | -           | 118'                                    |
| Purpose of String   Size Hole   Size Casing   Drillod   Drillod   Size Casing   Drillod   Drillod   Size Casing   Drillod   Drillod  |  |   | _                      | ······································ |                        |             |                   |                     |                         |             |   |
| Surface 12 1/4 8-5/8 24 30 Portland  |  |   | Repor                  |  |                        |             |                   | on, etc.            |                         | ٠           |   |
| ADDITIONAL CEMENTING / SQUEEZE RECORD  Purpose: Perforate Protect Casing Plug Beck TD Plug Off Zone  PERFORATION RECORD - Bridge Plugs Set/Type Specily Footage of Each Interval Perforated  ADDITIONAL CEMENTING / SQUEEZE RECORD  FXECEIVED TyXANSAS CORROBATION COMMISSION  JAN 0 8 2007  CONSERVATION DIVISION WICHITA, KS  Shots Per Foot PERFORATION RECORD - Bridge Plugs Set/Type Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Userd) Depth  4 552.5 - 554.5' 5000# 20/40 sand, 2900 12/20 sand, 484 bbls water, 552.5-554.5'  767.0 - 769.0' 200 gal. 15% HCL 767 - 769'  TUBING RECORD Size Set At Packer At Liner Run Ves No  Date of First, Resumerd Production, SWD or Enhr. 8/724/06 Estimated Production Per 24 Hours Disposition of Gas METHOD OF COMPLETION Production Interval Ventad Sold Used on Lease Open Hole Pert. Dually Comp. Commingled   | Purpose of String  |   | Siz                    | e Casing                               | We                     | eight       | Setting           | Type of             |                         |             |   |
| Production   6 3/4   4-1/2   10 1/2   1150   Thickset   3   Pheno Seal, Gel  | Surface  | 12 1/4                                      | 8-                     | 5/8                                    | 2                      | 24          | 30                | Portland            | 1 [ ]                   |             |   |
| Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone  PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated  A 552.5 - 554.5'  TOBING RECORD  Size  Set At  Packer At  Liner Run  Production, SWD or Enhr.  8/24/06  Peting Flowing Per Poduction, SWD or Enhr.  Resumerd Production, SWD or Enhr.  Resumerd Production Per 24 Hours  Disposition of Gas  METHOD OF COMPLETION  Type of Cement  #Sacks Used  Type Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)  Depth  Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)  Depth  4 552.5 - 554.5'  5000# 20/40 sand, 2900 12/20 sand, 484 bbls water, 552.5-554.5'  200 gal. 15% HCL  767 - 769'  TUBING RECORD  Size  Set At  Packer At  Liner Run  Yes  No  Date of First, Resumerd Production, SWD or Enhr.  8/24/06  Flowing  Pumping  Gas Lift  Other (Explain)  Gravity  Production Interval  Vented  Yes Bbls.  Gas-Oil Ratio  Gravity  Production Interval   | Production   | 6 3/4                                       | 4                      | -1/2                                   | 10                     | 1/2         | 1150              | Thickset            | 1 1                     | Pheno       | Seal, Gel                               |
| Purpose: Perforate Perforate 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  Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth  4 552.5 - 554.5' 5000# 20/40 sand, 2900 12/20 sand, 484 bbls water, 552.5-554.5'  767.0 - 769.0' 200 gal. 15% HCL 767 - 769'  TUBING RECORD Size Set At Packer At Liner Run Yes No  Date of First, Resumerd Production, SWD or Enhr. 8/24/06 Per 24 Hours Disposition of Gas METHOD OF COMPLETION Production Interval  Vented Sold Used on Lease Open Hole Pert. Dually Comp. Commingled  | <b>NAME OF THE OWN OWN OF THE OWN OWN OF THE OWN OWN OWN OWN OWN OWN OWN OWN OWN OWN</b> |   |                        | ADDITIONAL                             | CEMENT                 | ING / SQL   | JEEZE RECORD      |                     | BECEN                   | /Eħ         |   |
| Protect Casing Plug Back TD Plug Off Zone CONSERVATION DIVISION WICHITA, KS  Shots Per Foot PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated (Announi and Kind of Material Used) Depth  4 552.5 - 554.5' 5000# 20/40 sand, 2900 12/20 sand, 484 bbls water, 552.5 -554.5' 200 gal. 15% HCL 767 - 769'  TUBING RECORD Size Set At Packer At Liner Run Yes No  Date of First, Resumerd Production, SWD or Enhr. 8/24/06 Producing Method Plowing Pumping Gas Lift Other (Explain)  Estimated Production Per 24 Hours METHOD OF COMPLETION Production Interval  Vented Sold Used on Lease Open Hole Pert. Dually Comp. Commingled   | ·  |   | Туре                   | of Cement                              | #Sack                  | s Used      |                   | Ty <b>KANSA</b>     |                         |             | MISSION                                 |
| Shots Per Foot PERFORATION RECORD - Bridge Plugs Set/Type Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)  4 552.5 - 554.5' 5000# 20/40 sand, 2900 12/20 sand, 484 bbls water, 552.5-554.5' 200 gal. 15% HCL 767 - 769'  TUBING RECORD Size Set At Packer At Liner Run Yes No  Date of First, Resumerd Production, SWD or Enhr. 8/24/06 Flowing Pumping Gas Lift Other (Explain)  Estimated Production Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity  Disposition of Gas METHOD OF COMPLETION Production Interval  Overteed (Interval Control of Commingled)  | Protect Casing   | TOP BOILON                                  |                        |  |                        |             |                   |                     | JAN 08                  | 2007        |   |
| Specify Footage of Each Interval Perforated (Amount and Kind of Material Used)  4 552.5 - 554.5' 5000# 20/40 sand, 2900 12/20 sand, 484 bbls water, 552.5-554.5'  767.0 - 769.0' 200 gal. 15% HCL 767 - 769'  TUBING RECORD Size Set At Packer At Liner Run Yes No  Date of First, Resumerd Production, SWD or Enhr. 8/24/06   | Plug Off Zone  |   |                        |  |                        |             |                   | C                   | Onservation<br>Wichita, | DIVISION    | N                                       |
| 4 552.5 - 554.5' 5000# 20/40 sand, 2900 12/20 sand, 484 bbls water, 552.5-554.5'  767.0 - 769.0' 200 gal. 15% HCL 767 - 769'  TUBING RECORD Size Set At Packer At Liner Run Yes No  Date of First, Resumerd Production, SWD or Enhr. 8/24/06 Flowing Pumping Gas Lift Other (Explain)  Estimated Production Per 24 Hours Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity  Disposition of Gas METHOD OF COMPLETION Production Interval  | Shots Per Foot   |   |                        |  |                        | 9           |                   |                     |                         | d           | Depth                                   |
| TUBING RECORD Size Set At Packer At Liner Run Yes No  Date of First, Resumerd Production, SWD or Enhr.  8/24/06   Producing Method Plowing Pumping Gas Lift Other (Explain)  Estimated Production Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity  Per 24 Hours   Production Per 24 Hours   Production Interval    Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled   | 4  |   | <del></del>            |  |                        |             | 5000# 20/40 sa    | and, 2900 12/20     | sand, 484 bbls          | water,      | 552.5-554.5'                            |
| Date of First, Resumerd Production, SWD or Enhr.  8/24/06  Producing Method Flowing Pumping Gas Lift Other (Explain)  Estimated Production Per 24 Hours  Disposition of Gas  METHOD OF COMPLETION Production Interval  Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled   |  | 767.0                                       | - 769.0'               |  |                        |             | 200 gal. 15% l    | HCL                 |                         |             | 767 - 769'                              |
| Date of First, Resumerd Production, SWD or Enhr.  8/24/06  Producing Method Flowing Pumping Gas Lift Other (Explain)  Estimated Production Per 24 Hours  Disposition of Gas  METHOD OF COMPLETION Production Interval  Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled   |  |   | -                      |  |                        |             |                   |                     |                         |             |   |
| Date of First, Resumerd Production, SWD or Enhr.  8/24/06  Producing Method Flowing Pumping Gas Lift Other (Explain)  Estimated Production Per 24 Hours  Disposition of Gas  METHOD OF COMPLETION Production Interval  Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled   |  |   |                        |  |                        |             |                   |                     |                         |             |   |
| Date of First, Resumerd Production, SWD or Enhr.  8/24/06  Producing Method Flowing Pumping Gas Lift Other (Explain)  Estimated Production Per 24 Hours  Disposition of Gas  METHOD OF COMPLETION Production Interval  Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled   | 7,47,40,07,007,007   | 0'  |                        |  |                        |             |                   |                     |                         |             |   |
| 8/24/06  | TUBING HECOHD  | Size  | Set At                 |  | Packer                 | At          |                   | Yes No              |                         |             |   |
| Per 24 Hours  Disposition of Gas METHOD OF COMPLETION Production Interval  Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled   |  |   | nhr.                   | Producing Met                          | hod                    | Flowin      | g 🕢 Pumpin        | g 🔲 Gas Li          | ft Othe                 | er (Explain | )                                       |
|  | Estimated Production<br>Per 24 Hours   | Oil E                                       | 3bls.                  | Gas                                    | Mcf                    | Wate        | er Bi             | ols. (              | Bas-Oil Ratio           |             | Gravity                                 |
| //f vantad Submit ACO 18 )   | Disposition of Gas   | METHOD OF C                                 | OMPLETIC               | N                                      |                        |             | Production Interv | /al                 | <del></del>             |             | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |
|  |  |   |                        | 二 .                                    | _                      | rf. 🔲 [     | Oually Comp.      | Commingled _        |                         |             |   |





LOGGING • PERFORATING • CONSULTING • M.I.T. SERVICESCONSERVATION DIVISION WICHTA, KS Phone 913-755-2128 • Fax 913-755-6533

## **Perforation Record**

| Company:          | Aamirai Bay Re                   | lesources, Inc.              |   |
|-------------------|----------------------------------|------------------------------|---|
| Lease/Field:      | Barr Lease                       |                              |   |
| Well:             | # 4-30                           |                              |   |
| County, State:    | Allen County, k                  | Kansas                       |   |
| Service Order #:  | 17273                            |                              |   |
| Purchase Order #: | N/A                              |                              | • |
| Date:             | 7/24/2006                        |                              |   |
| Perforated @:     | 552.5 to 554.5<br>767.0 to 769.0 |                              |   |
| Type of Jet, Gun  |                                  | •                            |   |
| or Charge: 3 3/8  | 3" DP 23 Gram Tung               | igsten Expendable Casing Gun |   |
| Number of Jets,   |                                  |                              |   |
| Guns or Charges:  | Eighteen (18)                    |                              |   |
| Casing Size:      | 4.5"                             |                              |   |

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

| TICK NUMBER     | 07292 |
|-----------------|-------|
| LOCATION B-wile |       |
| FOREMAN COOP    |       |

#### TREATMENT REPORT & FIELD TICKET CEMENT

| DATE                                  | CUSTOMER#             | WEL                                   | L NAME & NUM                          | BER          | SECTION                                | TOWNSHIP                               | RANGE                  | COUNTY                                |
|---------------------------------------|-----------------------|---------------------------------------|---------------------------------------|--------------|--|--|------------------------|---------------------------------------|
| 7-13-04                               | 10/07                 | Burg # 4                              | 1-30                                  |              |  |  |                        | allen                                 |
| CUSTOMER                              |                       |                                       |                                       |              |  |  |                        |                                       |
| admiral                               | Bau                   |                                       | •                                     |              | TRUCK #                                | DRIVER                                 | TRUCK#                 | DRIVER                                |
| MAILING ADDRE                         | ss 7                  |                                       |                                       | ·            | 418                                    | Bell                                   |                        |                                       |
|                                       |                       |                                       |                                       |              | 4487 99                                | Mark                                   |                        |                                       |
| CITY                                  |                       | STATE                                 | ZIP CODE                              |              | 453 780                                | Donny (Theya                           | )                      |                                       |
|                                       |                       | <u> </u>                              | 1                                     | J            |  |  |                        |                                       |
| JOB TYPE                              | ۲                     | HOLE SIZE                             | 634                                   | HOLE DEPTH   | 1_1160_                                | CASING SIZE & W                        | IEIGHT 4/5             |                                       |
| CASING DEPTH_                         | 1150                  | DRILL PIPE                            |                                       | _TUBING      |  |  | OTHER                  |                                       |
| SLURRY WEIGH                          | г                     | SLURRY VOL_                           |                                       | WATER gal/s  | .k                                     | CEMENT LEFT in                         | CASING                 | 0-                                    |
| DISPLACEMENT                          | 18.3                  | DISPLACEMEN                           | T PSI                                 | MIX PSI      | ·                                      | RATE                                   |                        |                                       |
| REMARKS: Pur                          | and 3 sks a           | el ahead &                            | It cicula                             | Hon our      | week 120sh                             | cement, f                              | Justice ou             | un d'Incs                             |
| displayed                             |                       | Home se                               |                                       |              | /                                      | ,                                      | 7                      | 7                                     |
|                                       |                       | - 1                                   | Led conv                              |              | wher-                                  |  |                        |                                       |
| · · · · · · · · · · · · · · · · · · · | <del></del>           | · · · · · · · · · · · · · · · · · · · |                                       |              |  | KAN                                    | RECEI<br>CAS CORPORATI | ON COMMISSION                         |
|                                       | and the second second |                                       | · · · · · · · · · · · · · · · · · · · | <del> </del> | • •                                    |  | JAN 08                 | 2007                                  |
|                                       |                       |                                       | ·                                     |              |  |  | CONSERVATION           | DRACION                               |
| ·                                     |                       |                                       |                                       |              |  |  | WICHITA                |                                       |
|                                       |                       |                                       |                                       |              |  |  |                        |                                       |
|                                       |                       | ,                                     |                                       |              |  | ······································ |                        |                                       |
| ACCOUNT                               |                       |                                       | T                                     |              | ************************************** | <del></del>                            | 1                      | · · · · · · · · · · · · · · · · · · · |

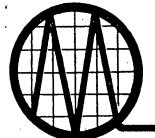
| ACCOUNT<br>CODE | QUANTITY or UNITS | DESCRIPTION of SERVICES or PR | ODUCT                                   | UNIT PRICE | TOTAL   |
|-----------------|-------------------|-------------------------------|---|------------|---------|
| 5401            | 1                 | PUMP CHARGE LONG Stole-9      | •                                       |            | 800.00  |
| 5406            | 6D                | MILEAGE                       | •                                       |            | 189,00  |
| 5402            | 1150              | Footuge                       | •                                       |            | 195,50  |
| SYOTA           | /                 | Ton milage                    | -                                       |            | 355,32  |
| 501C-10         | 4h                | Trunsport                     | •                                       |            | 39200   |
| 126             | 120141            | oul cement.                   | • | · ·        | 1758.00 |
| 102 A           | 80#               | Phono Soul                    | •                                       |            | 80,00   |
| 110             | 1200 #            | Colsonote                     |   |            | 552.00  |
| 111813          | 150#              | bel                           | · · · · · · · · · · · · · · · · · · ·   | ,          | 21,00   |
| 123             | 5000.1            | Coke Whiter                   | <u> </u>                                | ·          | 64,00   |
| 1404            |                   | 45 Rubber Pluy                |   |            | 40,00   |
|                 |                   |                               | •                                       |            |         |
|                 |                   |                               |   |            |         |
|                 |                   |                               | <b>◆</b> *                              |            |         |
|                 |                   |                               | ·                                       |            | 44      |
|                 |                   |                               |   | SALES TAX  | 158.45  |
| 1/-             | 2011              |                               |   | ESTIMATED  | K 2     |

#207167

TOTAL 4605,

Service Order and Delivery Receipt

RECEIVED OUR NO. KANSAS CORPORATION COMMISSION



### MIDWEST SURVEYS

JAN 0 8 2007

LOGGING • PERFORATING • M.I.T. SERVICES

CONSERVATION DIVISION WICHITA, KS

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

|  | Date?  | 124/06                                  |
|--|--|---|
| services order,<br>of this order,<br>Agent.  | CONDITIONS: Midwest Surveys is hereby instructed to deliver the equipment or ered hereon or as verbally directed, under the terms and conditions printed on the which I have read and understand and which I accept as Customer or as Customer | reverse side                            |
| Service and/or                               | Equipment Ordered . Per forate   | • |
| SIGN BEFORE                                  | E COMMENCEMENT OF WORK   |   |
| Customer's N                                 | ame Admiral BAY Resources Iwc By. Customer's Authoriz  | ed Representative                       |
| Charge to A                                  | Amiral BAY Resources Inc. Custome Order No   | r's<br>AIMmorr'is.                      |
| Mailing Addre                                | ss   |   |
| Well or Job Na<br>and Number .               | BARR #4-30 County State KANSA  | 21                                      |
| QUANTITY                                     | DESCRIPTION OF SERVICE OR MATERIAL   | PRICE                                   |
| 18 00  | 3 1/8" DP 23 Gram Tungsten Expendable Casing Gun   | • .                                     |
|  | 60° phase Four (4) Perforations Por foot   | 8 - 3                                   |
| ·  | minimum charge - Ten (10) Perforations   | 825.00                                  |
|  | Eight (8) Additional Perforations @ 4 25.a a.  | 200.00                                  |
| <del></del>                                  | One (1) Additional Run   | 375.w                                   |
| <u>.                                    </u> | Portable MAST Unit   | 15.00                                   |
|  |  |   |
|  |  |   |
| · ·  |  |   |
| · ·  | Perforated AT: 552.5 To 554.5 9 Perfs  |   |
|  | 767.0 To 769.0 9 Perfs   |   |
|  |  |   |
| <del></del>                                  |  |   |
|  |  |   |
|  | 1  | 1475 ex                                 |
|  | Total .  |   |
|  | The above described service and/or material has  | been received and are                   |

hereby accepted and approved for payment.

Customer's Name Admiral BAY Resources Irc.

Customer's Authorized Representative

Serviced by Many Winhold



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

XX KY

RECEIVED KANSAS CORPORATION COMMISSION

JAN 08 2007

CONSERVATION DIVISION WICHITA KS 29973

LOCATION Thank

FIELD TICKET

|                 | ,                                      | 4-30             |                        |      |                                       |
|-----------------|--|------------------|------------------------|------|---------------------------------------|
| 7-25-06 CUS     | TOMERACCT # WELL                       | L NAME A GTRIQTR | SECTION TWP RGE        | AC A | LUIS +                                |
| CHARGE TO       | Hameral Ba                             | glesserer        | OWNER                  | . /  | NINERAL                               |
| MAILING ADDRESS |  | ,                | OPERATOR January       | ene  |                                       |
| CITY & STATE    | ************************************** |                  | CONTRACTOR             |      | · · · · · · · · · · · · · · · · · · · |
| ACCOUNT<br>CODE | QUANTITY or UNITS                      | DESCRIPTION (    | OF SERVICES OR PRODUCT | UNIT | TOTAL<br>AMOUNT                       |
| 5702C           | 1                                      | PUMP CHARGE 180  | v & Combo.             |      | 155000                                |
| 50020           |  |                  | with shead.            |      | NC                                    |
| 5302            | 1                                      | acid A           | pot.                   | ,-   | 305-                                  |
| ~~              | 1 /                                    |                  |                        | 1    | 11 . 11                               |

| ACCOUNT<br>CODE | QUANTITY or UNITS | DESCRIPTION OF SERVICES OR PRODUCT    | UNIT<br>PRICE     | TOTAL<br>AMOUNT        |
|-----------------|-------------------|---------------------------------------|-------------------|------------------------|
| 5102C           | 1                 | PUMP CHARGE 1800 87 Combo.            |                   | 155000                 |
| 51020           |                   | Weid Ball off shead.                  |                   | NC                     |
| 5302            |                   | acid spot                             | , <u>.</u>        | 305                    |
| 5310            |                   | asid traile Delvely                   |                   | 16000                  |
| 511/            |                   | Inelan.                               |                   | 4900                   |
| 3/07            | 300               | 150/0 Hel 100 + 200                   |                   | 39000                  |
| 4326            | 38                | 7/4" Bellsealer 30                    | 18                | 85,88                  |
|                 |                   | 00. 0 0                               |                   | 27 - 7 - 40            |
| 5/07            |                   | Calontay "Pury                        |                   | 9400                   |
| 5115            |                   | Sall Superto                          |                   | 7000                   |
| 5604            |                   | The value                             |                   | 6800                   |
| 112-3           | .0                | Cete arelus                           |                   |                        |
| 1231            | 300#              | Tenear See                            |                   | 136500                 |
| 1208            |                   | Brecher                               |                   | 16425                  |
| 12054           | 10#               | Beolise                               |                   | 253.12                 |
| 1252            | 25                | marflo                                |                   | 875.00                 |
| D . 2           |                   | 9,7                                   |                   |                        |
| 5703            | 20                | BLENDING & HANDLING Del Juelbali.     |                   | 2659                   |
| 5709            |                   | TON-MILES 2nd Unit                    |                   | 275.00                 |
| 5708            | 70                | STAND BY TIME MILEAGE K & THE PICTURE |                   | 13/ 12                 |
| 5501F           | 2                 | WATER TRANSPORTS                      | round trap        | 126,00                 |
| 3001            | <b></b>           | VACUUM TRUCKS                         |                   | 196.00                 |
| 2101            | £1100 #           | FRAC SAND 2161 20/40                  | +                 | 41110                  |
| 2102            | 2400              | 2102 12/20.                           |                   | 14/11/00               |
| •               | •                 | CEMENT                                |                   | 709-                   |
|                 | •                 | • ,                                   | SALES TAX         | 5.41                   |
|                 |                   | ·                                     | , <sup>7</sup> A' | mc.och                 |
| Pavin 2790      |                   |                                       | ESTIMATED TOTAL   | Contract of the second |

CUSTOMER OF AGENTS SIGNATURE TOTAL MONTHS CIS FOREMAN SOURCE 7922.

CUSTOMER or AGENT (PLEASE PRINT).

207284

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

#4 OFS

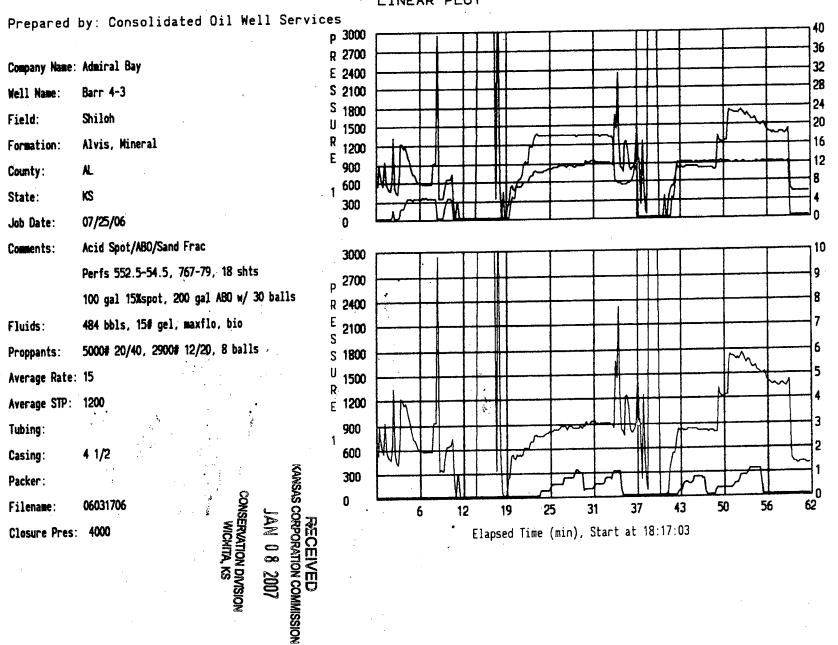
FOREMAN HALL W.

# TREATMENT REPORT FRAC & ACID

| CUSTOMER  ALLOW  MAILING ADDRES | ual Pro   | Barr                                  | 4-3          |           | 30           | He             | 18   | Aller   |
|---------------------------------|---|---------------------------------------|--------------|-----------|--------------|----------------|--|---|
| CUSTOMER  MAILING ADDRES        | us //s  |                                       |              |           |              |                |  |   |
|                                 | ual To  | 11-                                   | ı            | 4         |              |                |  |   |
|                                 |   | 4 Kless                               | reas         |           | TRUČK#       | <b>P</b> RIVER | TRUCK#   | DRIVER  |
|                                 | S .   | /                                     |              |           | 793          | Seet           |  |   |
|                                 |   |                                       |              |           | 445          | TONO.          |  |   |
| CITY                            |   | STATE                                 | ZIP CODE     |           | 450          | Que            |  |   |
|                                 |   |                                       | ·            |           | 489 / 100    | 3 0 hose       |  |   |
| ) - s                           |   | · · · · · · · · · · · · · · · · · · · |              |           | 17/-         | 1.11           |  |   |
|                                 | // WELL   | DATA                                  |              |           | theil        | has            |  |   |
| CASING SIZE                     | H2.   | TOTAL DEPTH                           |              | · I       | 17           | TOP OF TO      | EATMENT  | <u> </u>  |
| CASING WEIGHT                   | 1   | PLUG DEPTH                            |              |           | Arios        | TYPE OF TR     | 1/ Sd /  | Frec  |
| TUBING SIZE                     |   | PACKER DEPTH                          |              | . [       | 1 July       |                | NECE   |   |
| TUBING WEIGHT                   | <del></del>                                     | OPEN HOLE                             |              |           | 500/         | CHEMI          | ASS CORPORAT                                     | TON COMMISSIO                                       |
| PERFS & FORMAT                  | TIÓN  | OF EN HOLE                            |              |           | Car.         | MA A           | JAN 0 8  |   |
| ALVIS                           | · · · · · · · · · · · · · · · · · · ·           | CO 1-1                                | 4.5 -1       | A         | my f         | Flo            | <del> </del>                                     |   |
|                                 |   | 5525-69                               | FN 2         | 8         | mo           |                | CONSERVATION                                     | VOIVISION   |
| miner                           | <del>av</del>                                   | 141-67                                | 7 2          | 9         | 1500 H       | CC.            | WICHITA  | , KS  |
|                                 |   | BBL'S                                 | INJ RATE     | PROPPANT  | SAND/STAGE   | Del            | 10 May 20  | y years of  |
| STA                             | GE  | PUMPED                                | 1140 (74) E  | PPG       | SAND / STAGE | PSI .          |  |   |
| Pad.                            | · · · · · · · · · · · · · · · · · · ·           |                                       | 4-8-12       |           | •.           | 500-600        | BREAKDOWN  | 1452  |
| Par                             | <u>( .                                     </u> |                                       | 15-14        |           | •.           | 4              | START PRESSU                                     |   |
| 20/40                           |   |                                       | 18           | ,25-      | - ACTION     | 785-830        | END PRESSURE                                     |   |
| 20/4                            |   |                                       | 18           | .75-1     | 1            |                | BALL OFF PRES                                    | <del></del>   |
|                                 | d   |                                       | 18           | 125-1     | 1 acide      | SET-920        | ROCK SALT PRI                                    |   |
| 12/20                           |   |                                       | 18           | 25-1      | 290st.       | 873-900        | <del></del>                                      | 503   |
|                                 |   | AUT DOMA                              | · NODA       |           | 1/2          | 013 140        | 5 MIN  | 321   |
| 12/20                           |   |                                       | 12           | ,25-5-    |              | 800            | 10 MIN   | 301   |
|                                 | FLUSH 1   | 5 BALL                                |              | , —, ~, · | (4)          | 1300           | 15 MIN   |   |
| <del></del>                     | 0001  | 3/32119                               |              |           | مله          | 1-0-1          | <del>                                     </del> | 7   |
| 201                             | 40  | 3,700                                 | <u>'</u>     | 2.5- 10   | 100          | <del> </del>   | MIN RATE   |   |
|                                 |   |                                       | <del> </del> | 125-,5    | 72300        | 1688-1650      | MAX RATE   | 18  |
|                                 | (40°  | 7/7                                   | ļ            | 75-1 .    | / -          | 1748-1590      |  | 12.2  |
| Fus                             | H   | 71                                    |              |           | •            | 1370-132       | 13   |   |
| لنب أ                           | OVUL  | 29                                    |              |           | FOOTH.       |                |  |   |
| REMARKS:                        | TOTAL   | 484                                   | PHIS:        |           |              |                |  |   |
| Uce                             | 2 2007  | 100 gal                               | . 6590 0     | N Per     | z. 170.      | Sook.          |  |   |
| SST                             | 93. 4   | BPM                                   | kate.        | run       | 200 50       | 15 8 m/ 3      | 30 Ball  | calen   |
| Re                              | lease   | balls.                                | Proces       | ed of     | Mrc.         |                |  |   |
|                                 | ,   |                                       |              |           |              |                | · · · · · · · · · · · · · · · · · · ·            | <del>- 12 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1</del> |
| Total                           | PLUID   | R2                                    | KIZ          | id 300    | 7 3 D        | Balls          | 30   |   |
|                                 |   |                                       |              |           |              |                |  |   |
|                                 | X   | Man                                   | 4 <u>.</u>   |           |              |                |  | · · · · · · · · · · · · · · · · · · ·               |
| AUTHORIZATION                   | m   | Joni                                  | <u> </u>     | TITLE     |              |                | DATE   |   |
|                                 | <b>\</b> 1                                      |                                       |              |           |              |                |  |   |

#### LINEAR PLOT

3



K

#### STIMULATION DESIGN

**WELL - BARR 4-30** 

FIELD - SHILOH

FORMATION - ALVIS AND MINERAL COALS PERFORATIONS - 552.5 - 554.5 & 767 - 769

# OF SHOTS - 4 SHOTS PER FOOT

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

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

PUMP ACID BALL OUT TO INSURE BOTH ZONES ARE OPEN AND TAKING FLUID. BALLS DURING JOB AS PRESSURE ALLOWS.

30-26-18 Acco

| <del> </del> | <b>:</b>           | , ,                | VOLUME       | SAND  | SAND  | RATE   | SAND    | CUM      | CUM     |
|--------------|--------------------|--------------------|--------------|-------|-------|--------|---------|----------|---------|
| STAGE        | DESCRIPTION        | FLUID              | BBLS         | MESH  | CONC  | BPM    | LBS     | BBLS     | SAND#   |
| 1            | SPOT ACID ON PERFS | 15% HCL            | 200 GALS     |       |       |        |         |          |         |
| 2            | ACID BREAKDOWN     | 10#/GAL GUAR       | 10           | İ     |       |        |         | 10       |         |
| 3            | ACID BALLOUT       | FLOW BACK BALLS    | 10           |       |       |        |         | 10       |         |
| 4            | PUMP PAD           | 10#/GAL GUAR       | 75           |       |       | 12-15  |         | 85       |         |
| 5            | PUMP SAND STAGE    | 10#/GAL GUAR       | 25           | 20/40 | .25   | 12-15  | 262.5   | 110      | 262.5   |
| 6            | PUMP SAND STAGE    | 10#/GAL GUAR       | 25           | 20/40 | .375  | 12-15  | 393.75  | 135      | 656.25  |
| 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 |
| 9            | PUMP SAND STAGE    | 10#/GAL GUAR       | 25           | 12/20 | 0.125 | 12-15  | 131.25  | 235      | 131.25  |
| 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  |
| 12           | PUMP SAND STAGE    | 10#/GAL GUAR       | 50           | 12/20 | .50   | 12-15  | 1050    | 385      | _2302.5 |
| 13           | PUMP FLUSH         | WATER              | 75           |       |       |        |         | 460      |         |
|              |                    |                    |              |       |       |        |         |          |         |
|              |                    |                    | <del> </del> |       | +     | -      |         | -        | -       |
|              |                    |                    |              |       |       |        |         |          |         |
|              |                    | TOTAL DIRTY VOLUME | 470          |       |       | # SAND | 5118.75 | <u> </u> |         |

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 120

2493.75

JAN 08 2007

KANSAS CORPORATION COMMISS