

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1

June 2009

Form Must Be Typed

Form must be Signed

All blanks must be Filled

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

**ORIGINAL**

OPERATOR: License # 33933  
Name: Anchor Bay Petroleum LLC  
Address 1: 2713 Ash Street  
Address 2: \_\_\_\_\_  
City: Hays State: KS Zip: 67601 + \_\_\_\_\_  
Contact Person: Ed Glassman  
Phone: (785) 259-5807  
CONTRACTOR: License # 31548  
Name: Discovery Drilling C., Inc.  
Wellsite Geologist: Ed Glassman  
Purchaser: None

API No. 15 - 179-21,296-00-00  
Spot Description: 110' W & 16' N  
NE SW SW Sec. 30 Twp. 6 S. R. 30  East  West  
1,006 Feet from  North /  South Line of Section  
4,400 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: Sheridan  
Lease Name: Schwarz Well #: 1  
Field Name: Unknown  
Producing Formation: None

Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  WSW  SWD  SLOW  
 Gas  D&A  ENHR  SIGW  
 OG  GSW  Temp. Abd.  
 CM (Coal Bed Methane)  
 Cathodic  Other (Core, Expl., etc.): \_\_\_\_\_

Elevation: Ground: 2919 Kelly Bushing: 2927  
Total Depth: 4511 Plug Back Total Depth: None  
Amount of Surface Pipe Set and Cemented at: 307 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set: \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from: \_\_\_\_\_  
feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

If Workover/Re-entry: Old Well Info as follows:  
Operator: \_\_\_\_\_

**Drilling Fluid Management Plan**  
(Data must be collected from the Reserve Pit)  
Chloride content: 12,000 ppm Fluid volume: 400 bbls  
Dewatering method used: Evaporation  
Location of fluid disposal if hauled offsite:  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Permit #: \_\_\_\_\_

Well Name: \_\_\_\_\_  
Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_  
 Deepening  Re-perf.  Conv. to ENHR  Conv. to SWD  
 Conv. to GSW  
 Plug Back: \_\_\_\_\_ Plug Back Total Depth  
 Commingled Permit #: \_\_\_\_\_  
 Dual Completion Permit #: \_\_\_\_\_  
 SWD Permit #: \_\_\_\_\_  
 ENHR Permit #: \_\_\_\_\_  
 GSW Permit #: \_\_\_\_\_

|                                   |                  |   |
|-----------------------------------|------------------|---|
| <u>4/9/2012</u>                   | <u>4/16/2012</u> | <u>4/17/2012</u>                        |
| Spud Date or<br>Recompletion Date | Date Reached TD  | Completion Date or<br>Recompletion Date |

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**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.

**AFFIDAVIT**

I am the affiant and I hereby certify that 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: Ed Glassman  
Title: GEOLOGIST/OWNER Date: 5-10-2012

**KCC Office Use ONLY**

Letter of Confidentiality Received  
Date: \_\_\_\_\_  
 Confidential Release Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
ALT  I  II  III Approved by: Dg Date: 5/22/12

Operator Name: Anchor Bay Petroleum LLC Lease Name: Schwarz Well #: 1  
 Sec. 30 Twp. 6 S. R. 30  East  West County: Sheridan

**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 complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

| Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><i>(Attach Additional Sheets)</i><br><br>Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><br>Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br>Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><i>(If no, Submit Copy)</i><br><br>List All E. Logs Run:<br><b>Dual Induction, Density - Neutron, Sonic</b> | <input checked="" type="checkbox"/> Log    Formation (Top), Depth and Datum <input type="checkbox"/> Sample<br><br><table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> </thead> <tbody> <tr> <td>Stone Corral</td> <td>2605</td> <td>+322</td> </tr> <tr> <td>Topeka</td> <td>3695</td> <td>-768</td> </tr> <tr> <td>Heebner</td> <td>3932</td> <td>-1005</td> </tr> <tr> <td>Lansing</td> <td>3975</td> <td>-1048</td> </tr> <tr> <td>BKC</td> <td>4211</td> <td>-1284</td> </tr> <tr> <td>Cherokee Shale</td> <td>4382</td> <td>-1455</td> </tr> <tr> <td>Mississippi (Sample top)</td> <td>4504</td> <td>-1577</td> </tr> </tbody> </table> | Name  | Top | Datum | Stone Corral | 2605 | +322 | Topeka | 3695 | -768 | Heebner | 3932 | -1005 | Lansing | 3975 | -1048 | BKC | 4211 | -1284 | Cherokee Shale | 4382 | -1455 | Mississippi (Sample top) | 4504 | -1577 |
|---|--|-------|-----|-------|--------------|------|------|--------|------|------|---------|------|-------|---------|------|-------|-----|------|-------|----------------|------|-------|--------------------------|------|-------|
| Name  | Top  | Datum |     |       |              |      |      |        |      |      |         |      |       |         |      |       |     |      |       |                |      |       |                          |      |       |
| Stone Corral  | 2605   | +322  |     |       |              |      |      |        |      |      |         |      |       |         |      |       |     |      |       |                |      |       |                          |      |       |
| Topeka  | 3695   | -768  |     |       |              |      |      |        |      |      |         |      |       |         |      |       |     |      |       |                |      |       |                          |      |       |
| Heebner   | 3932   | -1005 |     |       |              |      |      |        |      |      |         |      |       |         |      |       |     |      |       |                |      |       |                          |      |       |
| Lansing   | 3975   | -1048 |     |       |              |      |      |        |      |      |         |      |       |         |      |       |     |      |       |                |      |       |                          |      |       |
| BKC   | 4211   | -1284 |     |       |              |      |      |        |      |      |         |      |       |         |      |       |     |      |       |                |      |       |                          |      |       |
| Cherokee Shale  | 4382   | -1455 |     |       |              |      |      |        |      |      |         |      |       |         |      |       |     |      |       |                |      |       |                          |      |       |
| Mississippi (Sample top)  | 4504   | -1577 |     |       |              |      |      |        |      |      |         |      |       |         |      |       |     |      |       |                |      |       |                          |      |       |

| 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   | 12.25"            | 8.625"                    | 23#               | 307           | Common         | 180          | 2& gel, 3% cc              |
|   |                   |                           |                   |               |                |              |                            |
|   |                   |                           |                   |               |                |              |                            |

| ADDITIONAL CEMENTING / SQUEEZE RECORD  |                  |                |              |                            |
|--|------------------|----------------|--------------|----------------------------|
| Purpose:   | Depth Top Bottom | Type of Cement | # Sacks Used | Type and Percent Additives |
| <input type="checkbox"/> Perforate<br><input type="checkbox"/> Protect Casing<br><input type="checkbox"/> Plug Back TD<br><input type="checkbox"/> Plug Off Zone |                  |                |              |                            |
|  |                  |                |              |                            |

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type<br>Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record<br>(Amount and Kind of Material Used) | Depth |
|----------------|---|---|-------|
|                |   |   |       |
|                |   |   |       |
|                |   |   |       |
|                |   |   |       |

|                |       |         |            |   |
|----------------|-------|---------|------------|---|
| TUBING RECORD: | Size: | Set At: | Packer At: | Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No |
|----------------|-------|---------|------------|---|

|   |                                  |                                  |                                   |  |
|---|----------------------------------|----------------------------------|-----------------------------------|--|
| Date of First, Resumed Production, SWD or ENHR. | Producing Method:                |                                  |                                   |  |
|   | <input type="checkbox"/> Flowing | <input type="checkbox"/> Pumping | <input type="checkbox"/> Gas Lift | <input type="checkbox"/> Other (Explain) _____ |
| Estimated Production Per 24 Hours               | Oil Bbls.                        | Gas Mcf                          | Water Bbls.                       | Gas-Oil Ratio    Gravity                       |

|   |   |  |
|---|---|--|
| DISPOSITION OF GAS:<br><input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease<br><i>(If vented, Submit ACO-18.)</i> | METHOD OF COMPLETION:<br><input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled<br><i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i><br><input type="checkbox"/> Other (Specify) _____ | PRODUCTION INTERVAL:<br>_____<br>_____ |
|---|---|--|

# QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025  
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 5492

|                     |              |          |            |      |          |       |  |  |          |       |    |             |         |        |            |
|---------------------|--------------|----------|------------|------|----------|-------|--|--|----------|-------|----|-------------|---------|--------|------------|
| Date                | 4-17-12      | Sec.     | 30         | Twp. | 6        | Range | 30   | County   | Shesidan | State | Ks | On Location | 8:30 AM | Finish | 12:15 P.M. |
| Lease               | Scharz       | Well No. | 1          |      | Location |       | Rexford, Ks - 1E, 10, 11to   |  |          |       |    |             |         |        |            |
| Contractor          | Discovery #1 |          |            |      |          |       |  | Owner  |          |       |    |             |         |        |            |
| Type Job            | Plug         |          |            |      |          |       |  | To Quality Oilwell Cementing, Inc.<br>You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed. |          |       |    |             |         |        |            |
| Hole Size           | 7 7/8"       |          | T.D.       |      | 4510'    |       | Charge To  |  |          |       |    |             |         |        |            |
| Csg.                |              |          | Depth      |      |          |       | Anchor Bay   |  |          |       |    |             |         |        |            |
| Tbg. Size           | 4 1/2" D.P.  |          | Depth      |      | 2625'    |       | Street   |  |          |       |    |             |         |        |            |
| Tool                |              |          | Depth      |      |          |       | City   |  |          |       |    |             |         |        |            |
| Cement Left in Csg. |              |          | Shoe Joint |      |          |       | State  |  |          |       |    |             |         |        |            |
| Meas Line           |              |          | Displace   |      | H2O/Mud  |       | The above was done to satisfaction and supervision of owner agent or contractor. |  |          |       |    |             |         |        |            |
|                     |              |          |            |      |          |       | Cement Amount Ordered  |  |          |       |    |             |         |        |            |
|                     |              |          |            |      |          |       | 220 5X 60/40 4% Gel  |  |          |       |    |             |         |        |            |

**EQUIPMENT**

|         |    |     |          |       |          |     |
|---------|----|-----|----------|-------|----------|-----|
| Pumptrk | 9  | No. | Cementer | Matt  | Common   | 132 |
| Bulktrk | 14 | No. | Driver   | Brian | Poz. Mix | 88  |
| Bulktrk | 14 | No. | Driver   | Rick  | Gel.     | 8   |

**JOB SERVICES & REMARKS**

|                    |                         |
|--------------------|-------------------------|
| Remarks:           | Calcium                 |
| Rat Hole           | Hulls                   |
| Mouse Hole         | Salt                    |
| Centralizers       | Flowseal 50#            |
| Baskets            | Kol-Seal                |
| D/V or Port Collar | Mud CLR 48              |
| 2625' - 25 5X      | CFL-117 or CD110 CAF 38 |
| 1812' - 100 5X     | Sand                    |
|                    | Handling 228            |
|                    | Mileage                 |

**FLOAT EQUIPMENT**

|                     |             |
|---------------------|-------------|
| 360' - 40 5X        | Guide Shoe  |
| 40' - 10 5X w/ plug | Centralizer |
| Rathole - 30 5X     | Baskets     |
| Mousehole - 15 5X   | AFU Inserts |
|                     | Float Shoe  |
|                     | Latch Down  |

Cement did Circulate 1 - Day hole plug  
Pumptrk Charge plug  
Mileage 31

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|                |              |
|----------------|--------------|
| X<br>Signature | Tax          |
|                | Discount     |
|                | Total Charge |

*[Handwritten Signature]*

# QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025  
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 280

|                     |                           |          |            |                                    |             |       |  |   |          |       |    |              |  |        |         |  |
|---------------------|---------------------------|----------|------------|------------------------------------|-------------|-------|--|---|----------|-------|----|--------------|--|--------|---------|--|
| Date                | 4/9/12                    | Sec.     | 30         | Twp.                               | 6           | Range | 30   | County  | Sheridan | State | KS | On. Location |  | Finish | 7:45 PM |  |
| Lease               | Schwarz                   | Well No. | 1          | Location Rexford, IE, IN, N+E into |             |       |  |   |          |       |    |              |  |        |         |  |
| Contractor          | Discovery Drilling Rig #1 |          |            |                                    |             |       |  | Owner<br>To Quality Oilwell Cementing, Inc.<br>You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed. |          |       |    |              |  |        |         |  |
| Type Job            | Surface                   |          |            |                                    |             |       |  | Charge To<br>Anchor Bay Petroleum LLC   |          |       |    |              |  |        |         |  |
| Hole Size           | 12 1/8"                   |          | T.D.       |                                    | 307'        |       | Street   |   |          |       |    |              |  |        |         |  |
| Csg.                | 8 5/8" 23#                |          | Depth      |                                    | 307'        |       | City   |   |          |       |    |              |  |        |         |  |
| Tbg. Size           |                           |          | Depth      |                                    |             |       | State  |   |          |       |    |              |  |        |         |  |
| Tool                |                           |          | Depth      |                                    |             |       | The above was done to satisfaction and supervision of owner agent or contractor. |   |          |       |    |              |  |        |         |  |
| Cement Left in Csg. | 15'                       |          | Shoe Joint |                                    |             |       | Cement Amount Ordered 180 sq Com 30% (2% gel)                                    |   |          |       |    |              |  |        |         |  |
| Meas Line           |                           |          | Displace   |                                    | 18 1/2 Bbls |       |  |   |          |       |    |              |  |        |         |  |

**EQUIPMENT**

|         |    |     |          |      |          |     |
|---------|----|-----|----------|------|----------|-----|
| Pumptrk | 9  | No. | Cementer | Paul | Common   | 180 |
|         |    |     | Helper   |      |          |     |
| Bulktrk | 8  | No. | Driver   | Matt | Poz. Mix |     |
|         |    |     | Driver   |      |          |     |
| Bulktrk | RV | No. | Driver   | Doug | Gel.     | 3   |
|         |    |     | Driver   |      |          |     |

**JOB SERVICES & REMARKS**

|                    |                         |
|--------------------|-------------------------|
| Remarks:           | Hulls                   |
| Rat Hole           | Salt                    |
| Mouse Hole         | Flowseal                |
| Centralizers       | Kol-Seal                |
| Baskets            | Mud CLR 48              |
| D/V or Port Collar | CFL-117 or CD110 CAF 38 |
| Est. Circ          | Sand                    |
| Mix 180 sq         | Handling 190            |
| Displace           | Mileage                 |
| Cement Circulated  |                         |

**FLOAT EQUIPMENT**

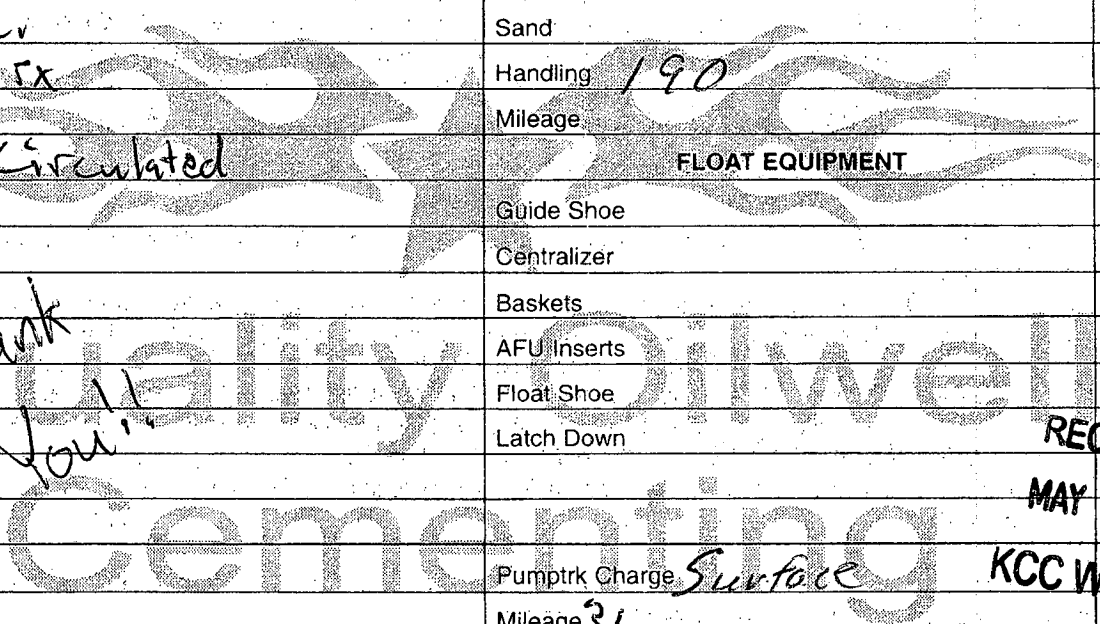
|             |  |
|-------------|--|
| Guide Shoe  |  |
| Centralizer |  |
| Baskets     |  |
| AFU Inserts |  |
| Float Shoe  |  |
| Latch Down  |  |

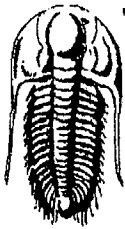
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|                |                    |              |  |
|----------------|--------------------|--------------|--|
| Pumptrk Charge | Surface            | Tax          |  |
| Mileage        | 31                 | Discount     |  |
| Signature      | <i>[Signature]</i> | Total Charge |  |

Thank You!!





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Anchor Bay Petroleum LLC

30/6s/30w Sheridan KS

2713 Ash St  
Hays, KS 67601

Schwarz #1

Job Ticket: 45669

DST#: 1

ATTN: Ed Glassman

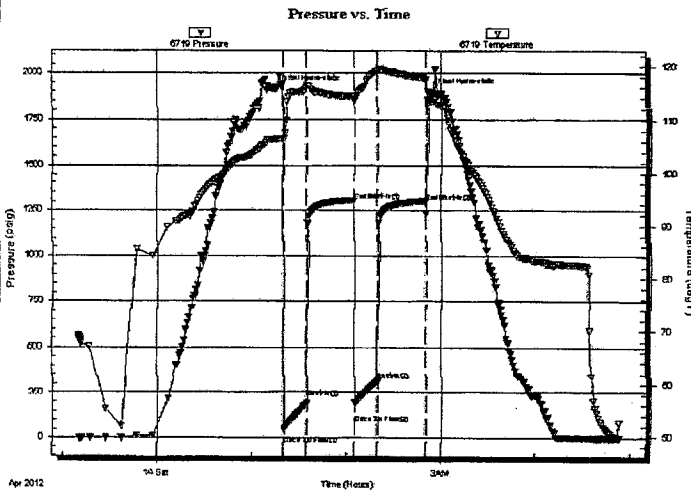
Test Start: 2012.04.13 @ 23:10:00

## GENERAL INFORMATION:

Formation: **Toronto - LKC "D"**  
 Deviated: **No Whipstock** ft (KB)  
 Test Type: **Conventional Bottom Hole (Initial)**  
 Time Tool Opened: **01:20:00**  
 Tester: **James Winder**  
 Time Test Ended: **04:52:30**  
 Unit No: **57**  
 Interval: **3965.00 ft (KB) To 4040.00 ft (KB) (TVD)**  
 Reference Elevations: **2945.00 ft (KB)**  
 Total Depth: **4040.00 ft (KB) (TVD)**  
**2937.00 ft (CF)**  
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**  
 KB to GR/CF: **8.00 ft**

Serial #: **6719** Inside  
 Press@RunDepth: **319.16 psig @ 3966.00 ft (KB)** Capacity: **8000.00 psig**  
 Start Date: **2012.04.13** End Date: **2012.04.14** Last Calib.: **2012.04.14**  
 Start Time: **23:10:00** End Time: **04:52:30** Time On Btm: **2012.04.14 @ 01:15:00**  
 Time Off Btm: **2012.04.14 @ 02:53:30**

TEST COMMENT: 15 - IF: Blow built to BOB (11") in 5 min.  
 30 - IS: Bled off, No blow back  
 15 - FF: Blow built to BOB in 5 min.  
 30 - FS: Bled off, No blow back



## PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 1912.81         | 106.23       | Initial Hydro-static |
| 5           | 41.94           | 106.50       | Open To Flow (1)     |
| 20          | 189.17          | 115.85       | Shut-In(1)           |
| 50          | 1304.70         | 114.30       | End Shut-In(1)       |
| 50          | 192.11          | 113.96       | Open To Flow (2)     |
| 65          | 319.16          | 119.19       | Shut-In(2)           |
| 95          | 1300.56         | 117.71       | End Shut-In(2)       |
| 99          | 1894.85         | 113.39       | Final Hydro-static   |

## Recovery

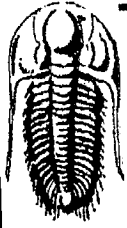
| Length (ft) | Description         | Volume (bbl) |
|-------------|---------------------|--------------|
| 315.00      | MCW 83%w, 17%m      | 4.14         |
| 315.00      | WCM 66%m, 34%w      | 4.42         |
| 15.00       | Mud 100%            | 0.21         |
| 0.00        | Show of Oil in tool | 0.00         |
|             |                     |              |
|             |                     |              |

## Gas Rates

|  | Choke (inches) | Pressure (psig) | Gas Rate (Mcf/d) |
|--|----------------|-----------------|------------------|
|  |                |                 |                  |

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**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Anchor Bay Petroleum LLC

30/6s/30w Sheridan KS

2713 Ash St  
Hays, KS 67601

Schwarz #1

Job Ticket: 45670

DST#: 2

ATTN: Ed Glassman

Test Start: 2012.04.14 @ 22:42:00

## GENERAL INFORMATION:

Formation: LKC "J - L"  
Deviated: No Whipstock ft (KB)  
Time Tool Opened: 00:43:00  
Time Test Ended: 05:31:00

Test Type: Conventional Bottom Hole (Reset)  
Tester: James Winder  
Unit No: 57

Interval: 4130.00 ft (KB) To 4215.00 ft (KB) (TVD)  
Total Depth: 4215.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Fair

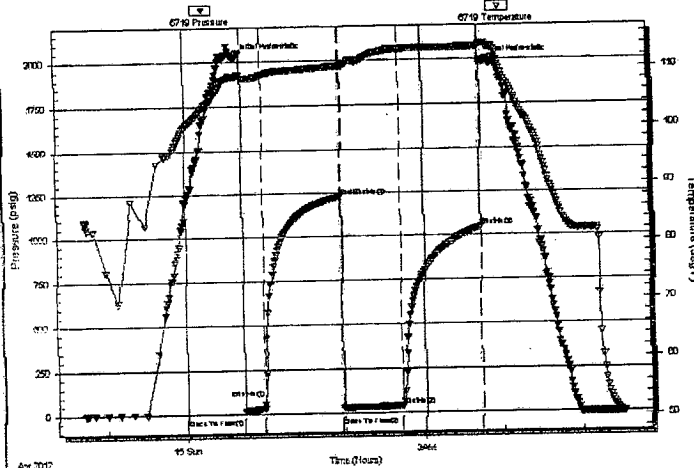
Reference Elevations: 2945.00 ft (KB)  
2937.00 ft (CF)  
KB to GR/CF: 8.00 ft

Serial #: 6719 Inside  
Press@RunDepth: 28.03 psig @ 4131.00 ft (KB)  
Start Date: 2012.04.14 End Date: 2012.04.15  
Start Time: 22:42:00 End Time: 05:31:00

Capacity: 8000.00 psig  
Last Calib.: 2012.04.15  
Time On Btm: 2012.04.15 @ 00:39:30  
Time Off Btm: 2012.04.15 @ 03:47:00

TEST COMMENT: 15 - IF: Blow built to 1 1/4"  
60 - IS: Bled off, No blow back  
45 - FF: Blow started at 9 min., built to 2"  
60 - FS: Bled off, No blow back

Pressure vs. Time



## PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 2021.82         | 108.64       | Initial Hydro-static |
| 4           | 16.01           | 108.58       | Open To Flow (1)     |
| 19          | 28.03           | 108.97       | Shut-In(1)           |
| 78          | 1228.52         | 110.42       | End Shut-In(1)       |
| 79          | 29.72           | 110.16       | Open To Flow (2)     |
| 123         | 39.06           | 113.19       | Shut-In(2)           |
| 184         | 1046.92         | 113.47       | Shut-In(3)           |
| 188         | 1989.08         | 114.00       | Final Hydro-static   |

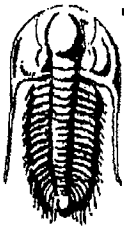
## Recovery

| Length (ft) | Description         | Volume (bbl) |
|-------------|---------------------|--------------|
| 60.00       | WCM 77% m, 23% w    | 0.56         |
| 0.00        | Show of Oil in tool | 0.00         |
|             |                     |              |
|             |                     |              |

\* Recovery from multiple tests

## Gas Rates

|  | Choke (inches) | Pressure (psig) | Gas Rate (Mcf/d) |
|--|----------------|-----------------|------------------|
|  |                |                 |                  |



**TRILOBITE**  
TESTING, INC

# DRILL STEM TEST REPORT

Anchor Bay Petroleum LLC

30/6s/30w Sheridan KS

2713 Ash St  
Hays, KS 67601

Schwarz #1

Job Ticket: 45671

DST#: 3

ATTN: Ed Glassman

Test Start: 2012.04.15 @ 21:56:00

## GENERAL INFORMATION:

Formation: Pawnee - Ft. Scott

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:05:30

Time Test Ended: 04:58:30

Test Type: Conventional Bottom Hole (Reset)

Tester: James Winder

Unit No: 57

Interval: 4288.00 ft (KB) To 4380.00 ft (KB) (TVD)

Total Depth: 4380.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2945.00 ft (KB)

2937.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6719

Inside

Press@RunDepth: 18.10 psig @ 4289.00 ft (KB)

Start Date: 2012.04.15

End Date:

2012.04.16

Capacity: 8000.00 psig

Last Calib.: 2012.04.16

Start Time: 21:56:00

End Time:

04:58:30

Time On Btrn: 2012.04.16 @ 00:01:30

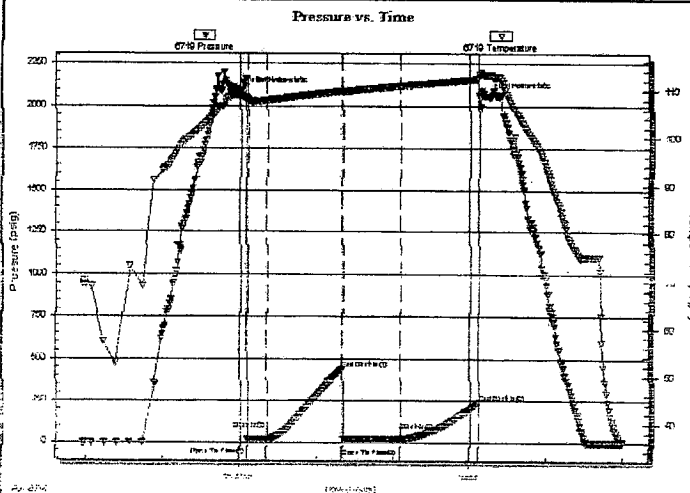
Time Off Btrn: 2012.04.16 @ 03:13:00

TEST COMMENT: 15 - IF: 1/4" Blow at open, built to just under 1/2"

60 - IS: Bled off, No blow back

45 - FF: No blow

60 - FS: No blow back



## PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 2087.24         | 108.87       | Initial Hydro-static |
| 4           | 15.04           | 108.01       | Open To Flow (1)     |
| 19          | 16.37           | 107.87       | Shut-in(1)           |
| 79          | 438.66          | 109.74       | End Shut-in(1)       |
| 79          | 17.05           | 109.60       | Open To Flow (2)     |
| 124         | 18.10           | 110.62       | Shut-in(2)           |
| 185         | 241.92          | 112.28       | End Shut-in(2)       |
| 192         | 2056.70         | 113.18       | Final Hydro-static   |

## Recovery

| Length (ft) | Description       | Volume (bbl) |
|-------------|-------------------|--------------|
| 5.00        | Mud 100%          | 0.02         |
| 0.00        | Oil spots in tool | 0.00         |
|             |                   |              |
|             |                   |              |
|             |                   |              |

\* Recovery from multiple tests

## Gas Rates

|  | Choke (Inches) | Pressure (psig) | Gas Rate (Mcf/d) |
|--|----------------|-----------------|------------------|
|  |                |                 |                  |

Trilobite Testing, Inc

Ref. No: 45671

Printed: 2012.04.16 @ 05:08:37