

**KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

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 # 33905
Name: Royal Drilling, Inc.
Wellsite Geologist: Ed Glassman
Purchaser: Coffeyville Resources

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
 Gas D&A ENHR SIGW
 OG GSW Temp. Abd.
 CM (Coal Bed Methane)
 Cathodic Other (Core, Expl., etc.): _____

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

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

1-21-2012	1-27-2012	¹⁰ 2-8 2012
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 141-20441-00-00
Spot Description: _____
SW SW NE Sec. 7 Twp. 10 S. R. 14 East West
2,310 Feet from North / South Line of Section
2,310 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Osborne
Lease Name: Reynolds Well #: 1
Field Name: Unknown
Producing Formation: LKC
Elevation: Ground: 1944 Kelly Bushing: 1949
Total Depth: 3740 Plug Back Total Depth: 3691
Amount of Surface Pipe Set and Cemented at: 212 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: 1085 Feet
If Alternate II completion, cement circulated from: 1085
feet depth to: 000 w/ 160 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 5000 ppm Fluid volume: 240 bbls
Dewatering method used: Hauled offsite
Location of fluid disposal if hauled offsite: _____
Operator Name: H & W Oil
Lease Name: Boxberger A #1 License #: 33700
Quarter NW Sec. 32 Twp. 13 S. R. 14 East West
County: Russell Permit #: D-23,310

MAR 12 2012

KCC WICHITA

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2076, 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: Owner/Geologist Date: 3-10-2012

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: 3/14/12

Operator Name: Anchor Bay Petroleum LLC Lease Name: Reynolds Well #: 1
 Sec. 7 Twp. 10 S. R. 14 East West County: Osborne

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 <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Dual Induction, Density-Neutron, Micro, Sonic, CBL	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Stone Corral</td> <td>1180</td> <td>769</td> </tr> <tr> <td>B/Stone Corral</td> <td>1211</td> <td>738</td> </tr> <tr> <td>Topeka</td> <td>2877</td> <td>-928</td> </tr> <tr> <td>Heebner</td> <td>3123</td> <td>-1174</td> </tr> <tr> <td>Lansing</td> <td>3177</td> <td>-1228</td> </tr> <tr> <td>B/Kansas City</td> <td>3445</td> <td>-1496</td> </tr> <tr> <td>Arbuckle</td> <td>NDE</td> <td></td> </tr> </table>	Name	Top	Datum	Stone Corral	1180	769	B/Stone Corral	1211	738	Topeka	2877	-928	Heebner	3123	-1174	Lansing	3177	-1228	B/Kansas City	3445	-1496	Arbuckle	NDE	
Name	Top	Datum																							
Stone Corral	1180	769																							
B/Stone Corral	1211	738																							
Topeka	2877	-928																							
Heebner	3123	-1174																							
Lansing	3177	-1228																							
B/Kansas City	3445	-1496																							
Arbuckle	NDE																								

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#	212	Common	150	3% cc, 2% gel
Production	7.875"	4.5"	11.6#	3738	Common	195	10% salt, 5% gillsonite, 1/4# floeal/sx

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	000 - 1085	QMDC 60/40	200	6% gel, 1/4# floeal

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth
4 SPF	3178-3182	250 gal 15% HCL MCA, 750 15% HCL NE 2% sol	3182
4 SPF	3206-3210	250 gal 15% HCL MCA, 750 15% HCL NE 2% sol	3210

TUBING RECORD: Size: <u>2.375</u> Set At: <u>3677</u> Packer At: <u>none</u> Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No											
Date of First, Resumed Production, SWD or ENHR: <u>02-27-2012</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____										
Estimated Production Per 24 Hours	<table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:15%;">Oil Bbts.</td> <td style="width:15%;">Gas Mcf</td> <td style="width:15%;">Water Bbts.</td> <td style="width:15%;">Gas-Oil Ratio</td> <td style="width:15%;">Gravity</td> </tr> <tr> <td style="text-align: center;">18</td> <td style="text-align: center;">0</td> <td style="text-align: center;">5</td> <td></td> <td style="text-align: center;">34</td> </tr> </table>	Oil Bbts.	Gas Mcf	Water Bbts.	Gas-Oil Ratio	Gravity	18	0	5		34
Oil Bbts.	Gas Mcf	Water Bbts.	Gas-Oil Ratio	Gravity							
18	0	5		34							

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>3178-82; 3206-10</u>
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QUALITY OILWELL CEMENTING, INC.

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

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

No. 150

Date	1-21-12	Sec.	7	Twp.	10	Range	14	County	Cherokee	State	Kansas	On Location		Finish	3:00 PM
Lease	Reynolds	Well No.	1			Location						15-30-14			
Contractor	KCC WICHITA											Owner			
Type Job	Surface											To Quality Oilwell Cementing, Inc. 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	10 1/2	T.D.	215			Charge To						Anchor Bay			
Csg.	5 1/2	Depth	215			Street									
Tbg. Size		Depth				City						State			
Tool		Depth				The above was done to satisfaction and supervision of owner agent or contractor.									
Cement Left in Csg.	10 1/2	Shoe Joint				Cement Amount Ordered						150 Common 30CC			
Meas Line		Displace	10.75			EQUIPMENT						2 1/2 bags			
Pumptrk	5	No.	Cement				Common						150		
Bulktrk	10	No.	Driver				Poz. Mix								
Bulktrk		No.	Driver				Gel.						3		
JOB SERVICES & REMARKS											Calcium		5		
Remarks:												Hulls			
Rat Hole												Salt			
Mouse Hole												Flowseal			
Centralizers												Kol-Seal			
Baskets												Mud CLR 48			
DAV or Port Collar												CFL-117 or CD110 CAF 38			
Cemented											Sand				
Handling											150				
Mileage															
EQUIPMENT											Slide Shoe				
											Centralizer				
											Baskets				
											AFU Inserts				
											Float Shoe				
											Latch Down				
											Pumptrk Charge		Surf		
											Mileage		25		
Signature											Tax				
											Discount				
											Total Charge				

Quality Oilwell
Cementing

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QUALITY OILWELL CEMENTING, INC.

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

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

No. **618**

Date 1-27-12	Sec. 7	Twp. 10	Range 14	County OSK	State KS	On Location	Finish 800p.m.
Lease Reynolds	Well No. 1		Location Phase 42E Col Wirtz				
Contractor Royal #1				Owner			
Type Job Production String				To Quality Oilwell Cementing, Inc. 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 1/8	T.D. 3740			Charge To Hickory Roy Production			
Csg. 4 1/2	Depth 3738			Street			
Tbg. Size	Depth			City			
Tool Joint Collar	Depth			State			
Cement Left in Csg. 42.20	Shoe Joint 42.20			The above was done to satisfaction and supervision of owner agent or contractor.			
Meas. Line	Displace			Cement Amount Ordered 240 bags 12% Salt 5 1/2 lb bags			
EQUIPMENT							
Pumptrk 5 No.	Cement Helper 2			Common 240			
Bulktrk No.	Driver 2			Poz. Mix			
Bulktrk 14 No.	Driver 2			Gel.			
JOB SERVICES & REMARKS							
Remarks:				Calcium			
Rat. Hole 305K				Hulls			
Mouse Hole 155K				Salt 21			
Centralizers				Flowseal			
Baskets				Kpl-Seal 1200#			
D/V or Port Collar				Mud CLR 48 500 gal			
2 1/2 Sp @ 3738 - 3645.80				CFL-117 or CD110 CAF/38			
Est. Completion - 2/1/12				Sand			
Clear + wash				Handling 26			
Mud - 4 1/2				Mileage			
Clear lines - Disposal - 1/2 gal				FLOAT EQUIPMENT			
1 gal @ 1400# - Held at site				Guide Shoe 4 1/2			
Dry				Centralizer 5			
<h1>Quality Oilwell Cementing</h1>				Baskets 2			
				AFU Inserts 1			
				Float Shoe 1			
				Latch Down 1			
Pumptrk Charge prod & string				Tax			
Mileage 25.1				Discount			
Signature [Signature]				Total Charge			

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QUALITY OILWELL CEMENTING, INC.

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

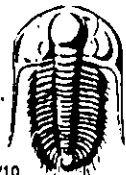
Home Office P.O. Box 32 Russell, KS 67665

No. 623

Date	Sec.	Twp.	Range	County	State	On Location	Finish
2-10-12	7	10	14	Osborne	KS		10:45a.m.
Lease <i>Reynolds</i>	Well No. <i>L</i>		Location <i>Paradise 1/2E 6N W. 20</i>				
Contractor <i>Prairie Hawk Well Service</i>				Owner			
Type Job <i>Port Collar</i>				To Quality Oilwell Cementing, Inc. 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 <i>7 7/8</i>	T.D.			Charge To <i>Anchor Bay</i>			
Csg. <i>4 1/2</i>	Depth			Street			
Tbg. Size <i>2 3/8</i>	Depth			City State			
Tool <i>Dans Pacific End</i>	Depth <i>1085</i>			The above was done to satisfaction and supervision of owner agent or contractor.			
Cement Left in Csg.	Shoe Joint			Cement Amount Ordered <i>200 Qm.C. 44# Eto</i>			
Meas Line	Displace			<i>160 sac & 1 Sand</i>			
EQUIPMENT							
Pumptrk <i>5</i> No.	Cementer	<i>Coig</i>		Common <i>160 Qm.C.</i>			
Bulktrk No.	Helper						
Bulktrk <i>3</i> No.	Driver	<i>Brett</i>		Poz. Mix			
	Driver						
	Driver	<i>Louie</i>		Gel.			
	Driver						
JOB SERVICES & REMARKS				Calcium			
Remarks:				Hulls			
Rat Hole				Salt			
Mouse Hole				Flowseal <i>50#</i>			
Centralizers				Kol-Seal			
Baskets				Mud CLR 48			
D/V or Port Collar				CFL-117 or CD110 CAF 38			
<i>Port Collar 1085. Test to 1000# Hold?</i>				Sand <i>1</i>			
<i>Spot Sand @ 1085. Open Tool &</i>				Handling <i>200</i>			
<i>Est. Circulation. Mix 160 sac & Cement</i>				Mileage			
<i>Circulation. Close Tool Pressure</i>				FLOAT EQUIPMENT			
<i>to 1000# Hold? Run 5 joints wash</i>				Guide Shoe			
<i>clean. Run tubing to plug & wash</i>				Centralizer			
<i>Sand. All.</i>				Baskets			
				AFU Inserts			
				Float Shoe			
				Latch Down			
				Pumptrk Charge			
				Mileage <i>25</i>			
				Tax			
				Discount			
				Total Charge			
X Signature <i>E. Glenn</i>							

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TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 46370

Well Name & No. Reynolds #1 Test No. 1 Date 1-24-12
 Company Anchal Bay Petroleum LLC Elevation 1942 KB 1937 GL
 Address 2713 Ash St. Hays, KS 67601
 Co. Rep / Geo. Ed Glassman Rig Royal 1
 Location: Sec. 7 Twp. 10S Rge. 14W Co. Osborne State KS

Interval Tested 2902-2920 Zone Tested Topeka
 Anchor Length 18' Drill Pipe Run 2890 Mud Wt. 8.5
 Top Packer Depth 2897 Drill Collars Run 0 Vis 52
 Bottom Packer Depth 2902 Wt. Pipe Run 0 WL 7.6
 Total Depth 2920 Chlorides 1000 ppm System LCM 2

Blow Description IF - Weak surging surface blow. Died @ 7 minutes 30 seconds.
IST - No Return.
FF - Few surface bubbles, no blow.
FSE - No Return.

Rec	Feet of	%gas	%oil	%water	%mud
8	USOCM	2		98	

Rec Total 8 BHT 86 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

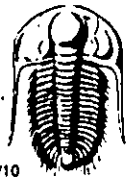
(A) Initial Hydrostatic 1097 Test _____ T-On Location 0445
 (B) First Initial Flow 14 Jars _____ T-Started 0545
 (C) First Final Flow 16 Safety Joint _____ T-Open 0640
 (D) Initial Shut-In 516 Circ Sub _____ T-Pulled 0845
 (E) Second Initial Flow 14 Hourly Standby _____ T-Out 1000
 (F) Second Final Flow 15 Mileage 52X2 Comments FOBT-0541
 (G) Final Shut-In 397 Sampler _____
 (H) Final Hydrostatic 1371 Straddle _____

Initial Open 30 Shale Packer _____
 Initial Shut-In 30 Extra Packer _____
 Final Flow 30 Extra Recorder _____
 Final Shut-In 30 Day Standby _____
 Accessibility _____
 Sub Total _____

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 Sub Total _____
 Total _____
 MP/DST Disc't _____

Approved By _____ Our Representative D. Rash

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

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 Top Packer Depth 2897 Drill Collars Run 0 Vis 52
 Bottom Packer Depth 2902 Wt. Pipe Run 0 WL 7.6
 Total Depth 2920 Chlorides 1000 ppm System LCM 2

Blow Description IF - Weak surging surface flow. Died @ 7m over 30 seconds.
ISI - No Return.
FF - Few surface bubbles, no blow.
FST - No Return.

Rec	Feet of	%gas	%oil	%water	%mud
8	USOCM	2		98	

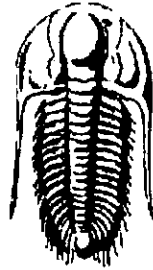
Rec Total 8 BHT 86 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

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 (F) Second Final Flow 15 Mileage 52X2 Comments EDT-0541
 (G) Final Shut-In 397 Sampler _____
 (H) Final Hydrostatic 1371 Straddle _____

Initial Open 30 Shale Packer _____
 Initial Shut-In 30 Extra Packer _____
 Final Flow 30 Extra Recorder _____
 Final Shut-In 30 Day Standby _____
 Accessibility _____
 Sub Total _____

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 KCC WICHITA
 Sub Total _____
 Total _____

Approved By _____ Our Representative D. Rosh
 Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Anchor Bay Petroleum, LLC**

2713 Ash St.
Hays, KS 67601

ATTN: Ed Glassman

Reynolds #1

7/10S/14W-Osborne

Start Date: 2012.01.24 @ 05:41:15

End Date: 2012.01.24 @ 09:57:15

Job Ticket #: 46370 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

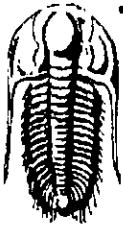
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Printed: 2012.01.24 @ 10:06:29

Anchor Bay Petroleum, LLC 7/10S/14W-Osborne Reynolds #1 DST # 1 Tarkio 2012.01.24



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Anchor Bay Petroleum, LLC

7/10S/14W-Osborne

2713 Ash St.
Hays, KS 67601

Reynolds #1

Job Ticket: 46370

DST#: 1

ATTN: Ed Glassman

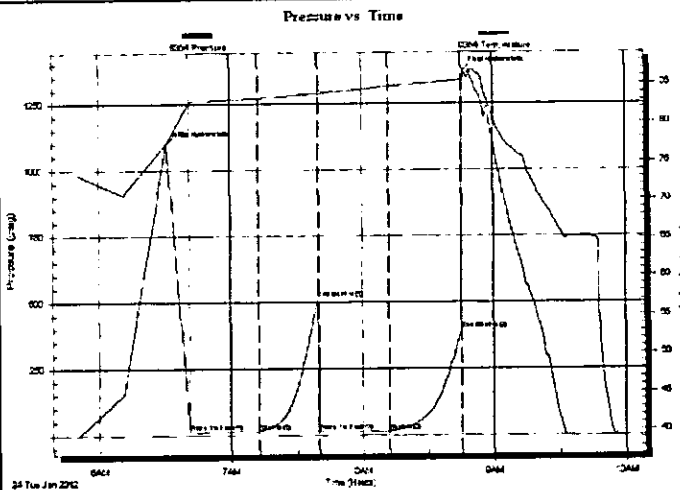
Test Start: 2012.01.24 @ 05:41:15

GENERAL INFORMATION:

Formation: Tarkio
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 06:41:25
 Tester: Dustin Rash
 Time Test Ended: 09:57:15
 Unit No: 38
 Interval: 2902.00 ft (KB) To 2920.00 ft (KB) (TVD)
 Reference Elevations: 1942.00 ft (KB)
 Total Depth: 2920.00 ft (KB) (TVD)
 1937.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 KB to GR/CF: 5.00 ft

Serial #: 8354 Inside
 Press@RunDepth: 15.42 psig @ 2904.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.01.24 End Date: 2012.01.24 Last Calib.: 2012.01.24
 Start Time: 05:41:15 End Time: 09:57:15 Time On Btm: 2012.01.24 @ 06:31:15
 Time Off Btm: 2012.01.24 @ 08:46:15

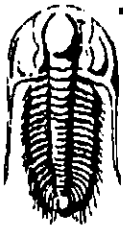
TEST COMMENT: IF-Weak surging surface blow. Died @ 7 minutes 30 seconds.
 IS-No Return.
 FF-Few surface bubbles. No Blow.
 FSI-No Return.



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1097.17	77.29	Initial Hydro-static
11	13.91	82.72	Open To Flow (1)
42	16.28	83.24	Shut-In(1)
69	515.75	83.88	End Shut-In(1)
70	14.34	83.72	Open To Flow (2)
101	15.42	84.76	Shut-In(2)
134	397.21	85.52	End Shut-In(2)
135	1371.23	86.15	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
8.00	2% Oil/98% Mud	0.11

Gas Rates			
	Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Anchor Bay Petroleum, LLC

7/10S/14W-Osborne

2713 Ash St.
Hays, KS 67601

Reynolds #1

Job Ticket: 46370

DST#: 1

ATTN: Ed Glassman

Test Start: 2012.01.24 @ 05:41:15

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 8.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.60 in²

Gas Cushion Type:

Gas Cushion Pressure:

psig

Resistivity: ohm.m

Salinity: 1000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
8.00	2%Oil/98%Mud	0.112

Total Length: 8.00 ft Total Volume: 0.112 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8354

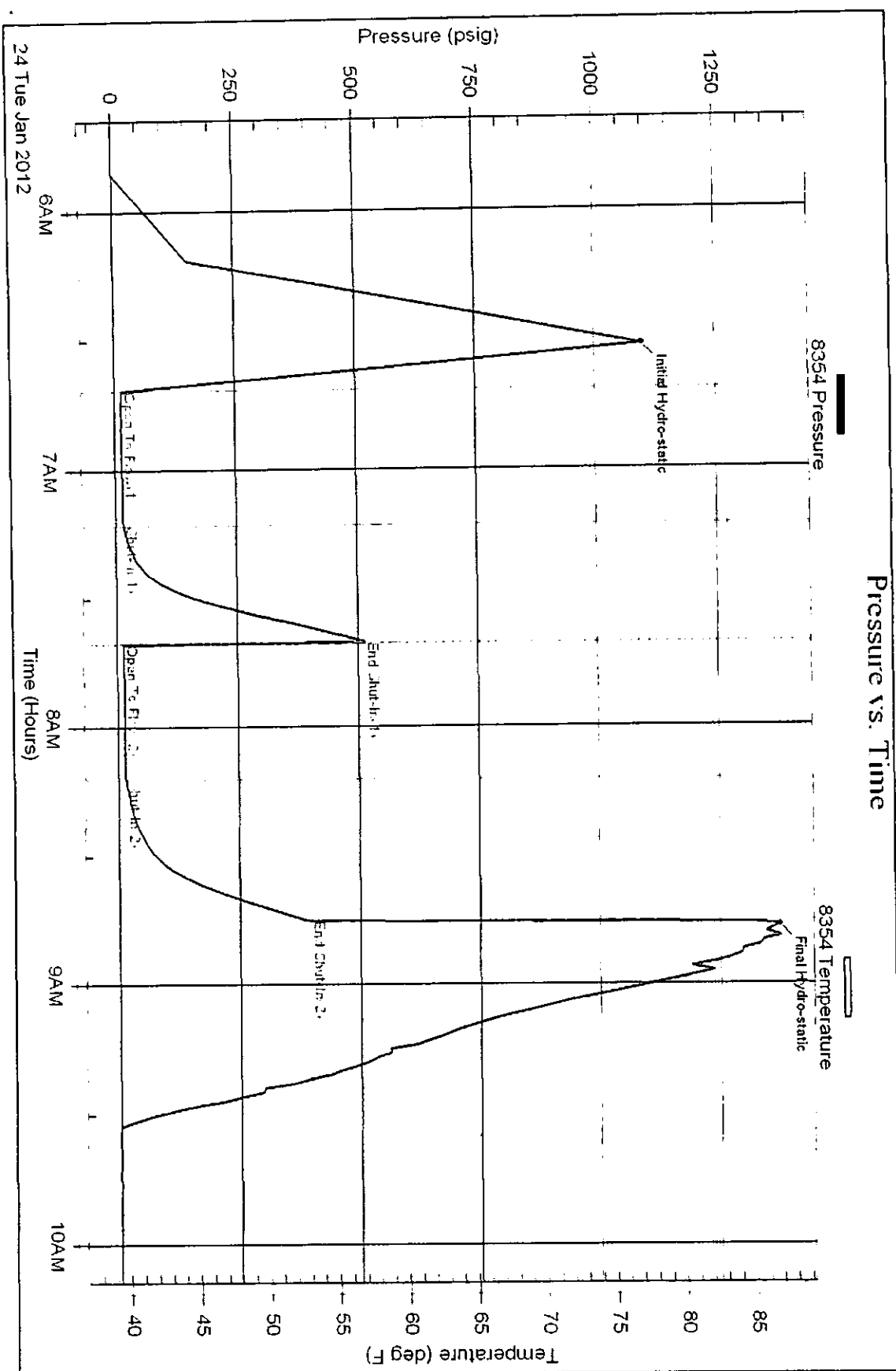
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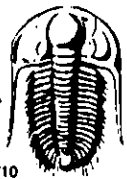
Anchor Bay Petroleum, LLC

Reynolds #1

DST Test Number: 1

Pressure vs. Time





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 46371

Well Name & No. Reynolds #1 Test No. 2 Date 1-25-12
 Company Ancho Bay Petroleum, LLC Elevation 1942 KB 1937 GL
 Address 2713 Ash St. Hays, KS 67601
 Co. Rep / Geo. Ed Glassman Rig Royal 1
 Location: Sec. 7 Twp. 10S. Rge. 14W. Co. Osborne State KS

Interval Tested 3159-3238 Zone Tested LKC "A-C"
 Anchor Length 79' Drill Pipe Run 3145 Mud Wt. 9.0
 Top Packer Depth 3154 Drill Collars Run 0 Vis 54
 Bottom Packer Depth 3159 Wt. Pipe Run 0 WL 7.6
 Total Depth 3238 Chlorides 3000 ppm System LCM 2th

Blow Description FF - Weak building blow, Built to 3 1/2 inches,
IST - No Return,
FF - Strong building blow, BOB in 11 minutes,
IST - No Return,

Rec	Feet of	%gas	%oil	%water	%mud
<u>50</u>	<u>VSOCM</u>	<u>5</u>		<u>95</u>	
<u>30</u>	<u>VSOC w/very Mud</u>	<u>5</u>	<u>10</u>	<u>85</u>	
	<u>Possibly low Methane Gas</u>				

Rec Total 80 BHT 94 Gravity _____ API RW N/A @ _____ °F Chlorides _____ ppm

- (A) Initial Hydrostatic 1609
- (B) First Initial Flow 22
- (C) First Final Flow 30
- (D) Initial Shut-In 912
- (E) Second Initial Flow 39
- (F) Second Final Flow 53
- (G) Final Shut-In 862
- (H) Final Hydrostatic 1571

- Test
- Jars
- Safety Joint
- Circ Sub
- Hourly Standby
- Mileage 52X2
- Sampler
- Straddle
- Shale Packer
- Extra Packer
- Extra Recorder
- Day Standby
- Accessibility

- T-On Location 0230
- T-Started 0330
- T-Open 0420
- T-Pulled 0725
- T-Out 0900

Comments Bart-0251
Could is Gas Chloride Reading

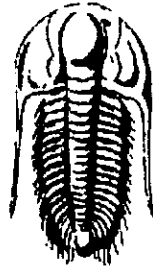
Initial Open 15
 Initial Shut-In 60
 Final Flow 45
 Final Shut-In 60

- Ruined Shale Packer **RECEIVED**
- Ruined Packer MAR 12 2012
- Extra Copies
- Sub Total KCC WICHITA
- Total _____

Approved By _____

Our Representative D. Rash

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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Anchor Bay Petroleum, LLC**

2713 Ash St.
Hays, KS 67601

ATTN: Ed Glassman

Reynolds #1

7/10S/14W-Osbome

Start Date: 2012.01.25 @ 02:51:30

End Date: 2012.01.25 @ 09:01:00

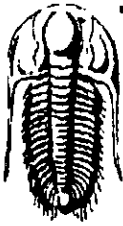
Job Ticket #: 46371 DST #: 2

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

RECEIVED
MAR 12 2012
KCC WICHITA

Printed: 2012.01.25 @ 09:22:58

Anchor Bay Petroleum, LLC
7/10S/14W-Osbome
Reynolds #1
DST # 2
LKC "A-C"
2012.01.25



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Anchor Bay Petroleum, LLC

7/10S/14W-Osborne

2713 Ash St.
Hays, KS 67601

Reynolds #1

Job Ticket: 46371

DST#: 2

ATTN: Ed Glassman

Test Start: 2012.01.25 @ 02:51:30

GENERAL INFORMATION:

Formation: LKC "A-C"
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 04:19:30
 Time Test Ended: 09:01:00

Test Type: Conventional Bottom Hole (Initial)
 Tester: Dustin Rash
 Unit No: 38

Interval: 3159.00 ft (KB) To 3238.00 ft (KB) (TVD)
 Total Depth: 3238.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1942.00 ft (KB)
 1937.00 ft (CF)
 KB to GR/CF: 5.00 ft

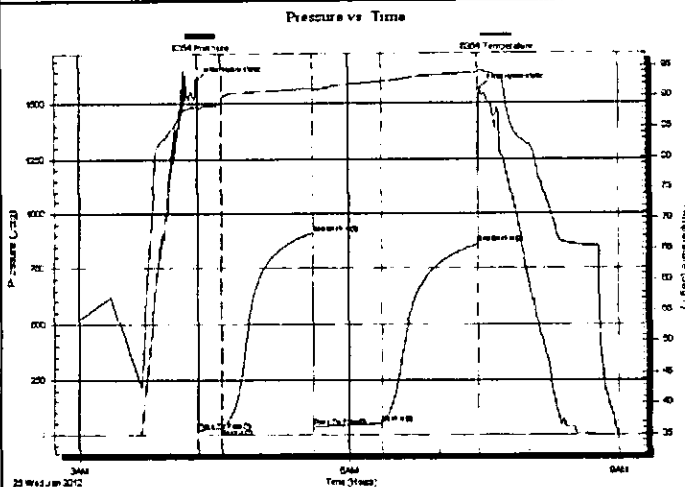
Serial #: 8354

Inside

Press@RunDepth: 52.70 psig @ 3229.00 ft (KB)
 Start Date: 2012.01.25 End Date: 2012.01.25
 Start Time: 02:51:30 End Time: 09:01:00

Capacity: 8000.00 psig
 Last Calib.: 2012.01.25
 Time On Btm: 2012.01.25 @ 04:19:20
 Time Off Btm: 2012.01.25 @ 07:28:00

TEST COMMENT: IF-Weak building blow. Built to 3&1/2 inches.
 IS-No Return.
 FF-Strong building blow. BOB in 11 minutes.
 FS-No Return.



PRESSURE SUMMARY

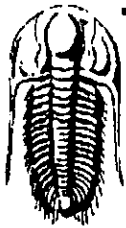
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1609.41	88.37	Initial Hydro-static
1	22.27	87.45	Open To Flow (1)
16	30.40	89.13	Shut-in(1)
77	912.36	91.35	End Shut-in(1)
78	38.91	91.08	Open To Flow (2)
123	52.70	92.40	Shut-in(2)
188	862.00	93.83	End Shut-in(2)
189	1570.66	94.17	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	5% Oil/10% Water/85% Mud	0.42
50.00	5% Oil/95% Mud	0.70

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Anchor Bay Petroleum, LLC

7/10S/14W-Osborne

2713 Ash St.
Hays, KS 67601

Reynolds #1

Job Ticket: 46371

DST#: 2

ATTN: Ed Glassman

Test Start: 2012.01.25 @ 02:51:30

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 54.00 sec/qt
Water Loss: 7.60 in³
Resistivity: ohm.m
Salinity: 3000.00 ppm
Filter Cake: inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	5%Oil/10%Water/85%Mud	0.421
50.00	5%Oil/95%Mud	0.701

Total Length: 80.00 ft Total Volume: 1.122 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Could not smell any gas in pipe. Could have been very low methane gas.
Could not get an accurate chloride reading on the water.

Serial #: 8354

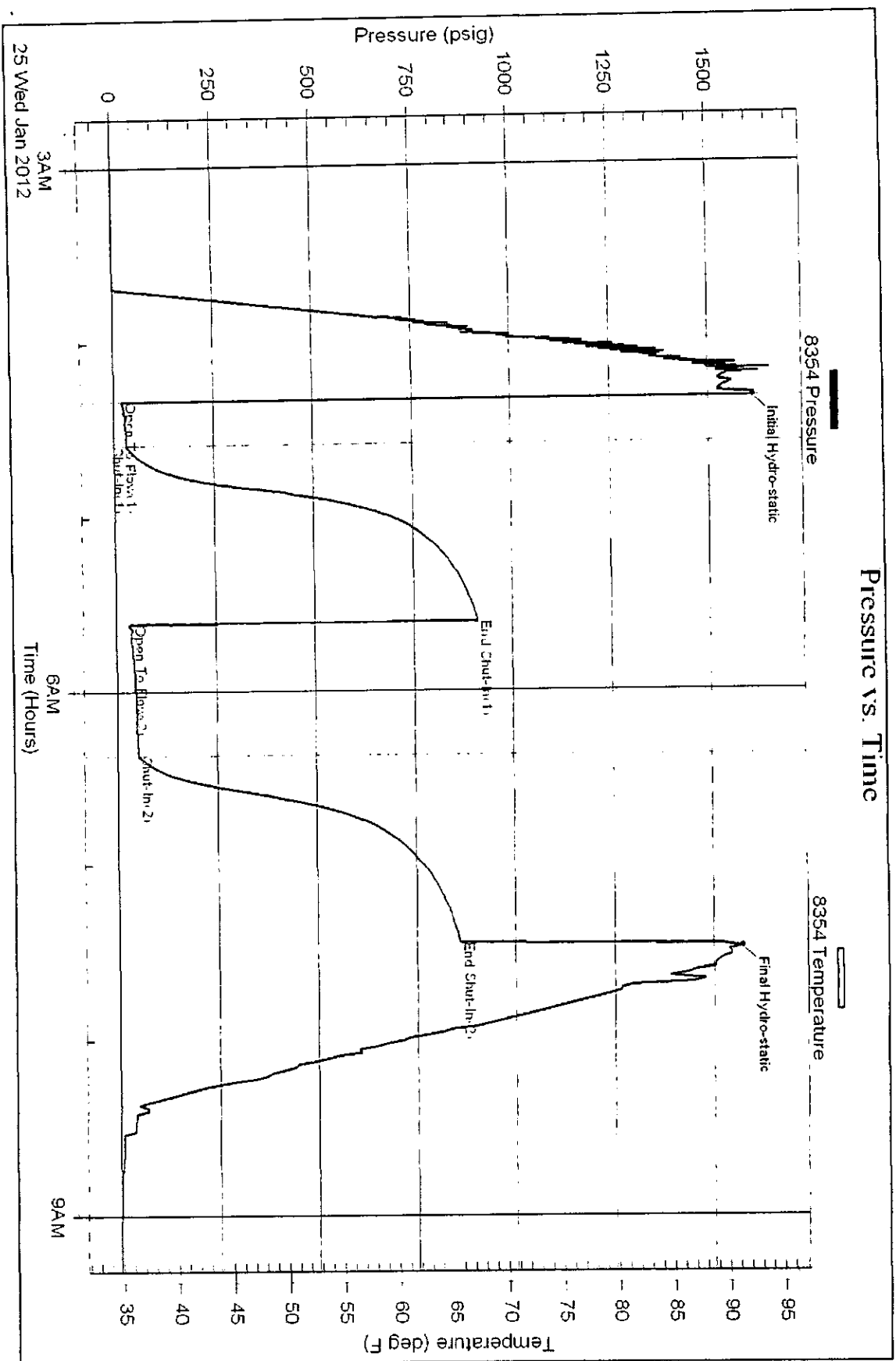
Inside

Anchor Bay Petroleum, LLC

Reynolds #1

DST Test Number: 2

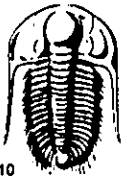
Pressure vs. Time



Triobite Testing, Inc

Ref. No: 46371

Printed: 2012.01.25 @ 09:22:58



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 46372

Well Name & No. Reynolds #1 Test No. 3 Date 1-25-12
 Company Anchor Bay Petroleum LLC Elevation 1942 KB 1937 GL
 Address 2713 Ash St. Hays, KS 67601
 Co. Rep / Geo. Ed Glassman Rig Royal 2
 Location: Sec. 7 Twp. 10S Rge. 14W Co. Osborne State KS

Interval Tested 3279-3410 Zone Tested LKC "G-K"
 Anchor Length 131' Drill Pipe Run 3270 Mud Wt. 9.1
 Top Packer Depth 3274 Drill Collars Run 0 Vis 60
 Bottom Packer Depth 3279 Wt. Pipe Run 0 WL 8.0
 Total Depth 3410 Chlorides 5000 ppm System LCM 1.5#

Blow Description IF - Strong building blow, Built to 11 inches,
IF - No Return,
FF - Fair building blow, BOB in 21 minutes,
FSI - No Return,

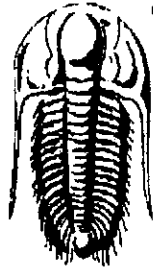
Rec	Feet of	%gas	%oil	%water	%mud
<u>231</u>	<u>Muddy Water</u>		<u>60</u>	<u>40</u>	
<u>124</u>	<u>Muddy Water</u>		<u>85</u>	<u>15</u>	

Rec Total 355 BHT 99 Gravity _____ API RW 245 @ 35 °F Chlorides 62000 ppm
 (A) Initial Hydrostatic 1665 Test _____ T-On Location 2230
 (B) First Initial Flow 41 Jars _____ T-Started 2320
 (C) First Final Flow 92 Safety Joint _____ T-Open 0018
 (D) Initial Shut-In 1343 Circ Sub _____ T-Pulled 0325
 (E) Second Initial Flow 89 Hourly Standby _____ T-Out 0500
 (F) Second Final Flow 184 Mileage 52X2 Comments BarT-2316
 (G) Final Shut-In 1264 Sampler _____
 (H) Final Hydrostatic 1610 Straddle _____

Initial Open 15 Ruined Shale Packer **RECEIVED**
 Initial Shut-In 60 Ruined Packer _____
 Final Flow 45 Extra Copies **MAR 12 2012**
 Final Shut-In 60 Extra Recorder _____ Sub Total **KCC WICHITA**
 Day Standby _____ Total _____
 Accessibility _____ MP/DST Disc't _____
 Sub Total _____

Approved By _____ Our Representative D. Rash

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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Anchor Bay Petroleum, LLC**

2713 Ash St.
Hays, KS 67601

ATTN: Ed Glassman

Reynolds #1

7/10S/14W-Osborne

Start Date: 2012.01.25 @ 23:16:30

End Date: 2012.01.26 @ 04:55:00

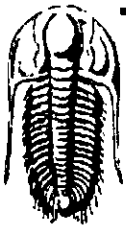
Job Ticket #: 46372 DST #: 3

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

RECEIVED
MAR 12 2012
KCC WICHITA

Printed: 2012.01.26 @ 05:14:45

Anchor Bay Petroleum, LLC
7/10S/14W-Osborne
Reynolds #1
DST # 3
LKC "G-K"
2012.01.25



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Anchor Bay Petroleum, LLC

7/10S/14W-Osborne

2713 Ash St.
Hays, KS 67601

Reynolds #1

Job Ticket: 46372

DST#: 3

ATTN: Ed Glassman

Test Start: 2012.01.25 @ 23:16:30

GENERAL INFORMATION:

Formation: LKC "G-K"
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 00:18:30
Time Test Ended: 04:55:00

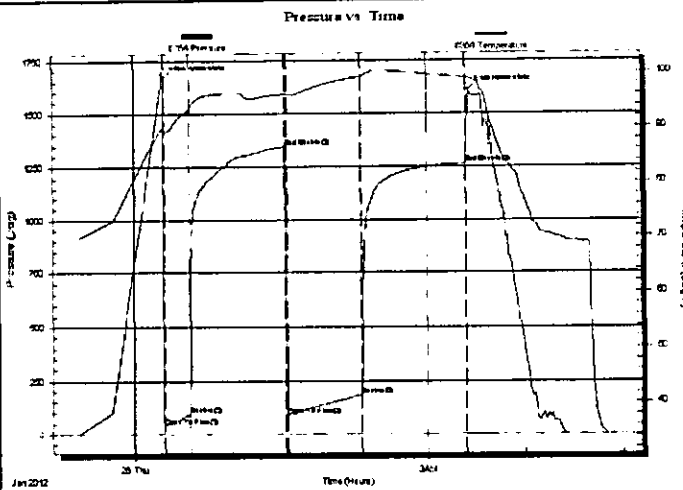
Test Type: Conventional Bottom Hole (Initial)
Tester: Dustin Rash
Unit No: 38

Interval: 3279.00 ft (KB) To 3410.00 ft (KB) (TVD)
Total Depth: 3410.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1942.00 ft (KB)
1937.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8354 Inside
Press@RunDepth: 183.76 psig @ 3381.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.01.25 End Date: 2012.01.26 Last Calib.: 2012.01.26
Start Time: 23:16:30 End Time: 04:55:00 Time On Btm: 2012.01.26 @ 00:18:00
Time Off Btm: 2012.01.26 @ 03:25:30

TEST COMMENT: IF-Strong building blow . Built to 11 inches.
IS-No Return.
FF-Fair building blow . BOB in 21 minutes.
FSI-No Return.



PRESSURE SUMMARY

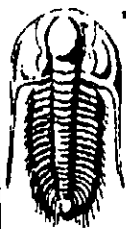
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1664.55	89.24	Initial Hydro-static
1	41.42	88.85	Open To Flow (1)
17	92.17	93.47	Shut-In(1)
75	1342.77	95.97	End Shut-In(1)
76	89.21	95.79	Open To Flow (2)
122	183.76	99.16	Shut-In(2)
186	1263.86	98.96	End Shut-In(2)
188	1609.89	98.92	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	85% Water/15% Mud	1.74
231.00	60% Water/40% Mud	3.24

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Anchor Bay Petroleum, LLC

7/10S/14W-Osborne

2713 Ash St.
Hays, KS 67601

Reynolds #1

Job Ticket: 46372

DST#: 3

ATTN: Ed Glassman

Test Start: 2012.01.25 @ 23:16:30

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

62000 ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Gas Cushion Pressure:

psig

Resistivity: 0.24 ohm.m

Salinity: 5000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
124.00	85% Water/15% Mud	1.739
231.00	60% Water/40% Mud	3.240

Total Length: 355.00 ft Total Volume: 4.979 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8354

Inside

Anchor Bay Petroleum, LLC

Reynolds #1

DST Test Number: 3

Pressure vs. Time

