



KANSAS CORPORATION COMMISSION 1080502  
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**

OPERATOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

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 #: \_\_\_\_\_

Spud Date or Recompletion Date      Date Reached TD      Completion Date or Recompletion Date

API No. 15 - \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE       NW       SE       SW

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ 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.

**Drilling Fluid Management Plan**

(Data must be collected from the Reserve Pit)

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

**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.

Submitted Electronically

**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: \_\_\_\_\_ Date: \_\_\_\_\_



1080502

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**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 type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
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CASING RECORD <input 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

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

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

TUBING RECORD:      Size: \_\_\_\_\_ Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  Yes  No

Date of First, Resumed Production, SWD or ENHR. \_\_\_\_\_ Producing Method:  Flowing  Pumping  Gas Lift  Other *(Explain)* \_\_\_\_\_

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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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 type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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# Allied Cementing Co., LLC. 037852

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:  
*Medicine Lodge*

DATE <i>12-11-11</i>	SEC. <i>03</i>	TWP. <i>32s</i>	RANGE <i>09W</i>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <i>2:45 AM</i>
LEASE <i>McDaniel</i>	WELL # <i>A-1</i>	LOCATION <i>Barber Harper Co, 3e, 24N,</i>			COUNTY <i>Harper</i>	STATE <i>KS</i>	
OLD OR NEW (Circle one) <input checked="" type="radio"/> NEW			E/into				

CONTRACTOR *Handt #1* OWNER *R & B 045*

TYPE OF JOB *Surface*  
 HOLE SIZE *12 1/4* T.D. *267*  
 CASING SIZE *9 5/8* DEPTH *272*  
 TUBING SIZE DEPTH  
 DRILL PIPE DEPTH  
 TOOL DEPTH  
 PRES. MAX *250#* MINIMUM  
 MEAS. LINE SHOE JOINT *N/A*  
 CEMENT LEFT IN CSG. *20'*  
 PERFS.  
 DISPLACEMENT *16 36ls Fresh H2O*

CEMENT  
 AMOUNT ORDERED *225 sy 60:40:30ac + gel*

EQUIPMENT  
 PUMP TRUCK CEMENTER *D. Felix*  
 # *471-302* HELPER *R. Gilley*  
 BULK TRUCK  
 # *364* DRIVER *E. Piper*  
 BULK TRUCK  
 # DRIVER

COMMON <i>A</i>	<i>135 sy @ 16.25</i>	<i>2193.75</i>
POZMIX	<i>90 sy @ 8.50</i>	<i>765.00</i>
GEL	<i>4 sy @ 21.25</i>	<i>85.00</i>
CHLORIDE	<i>7 sy @ 58.20</i>	<i>407.40</i>
ASC	@	
	@	
	@	
	@	
	@	
	@	
	@	
	@	
HANDLING <i>236</i>	@ <i>2.25</i>	<i>531.00</i>
MILEAGE <i>236/15/11</i>		<i>389.40</i>
TOTAL		<i>4371.55</i>

REMARKS:  
*Pipe on Btm, Break (Circled), Pump Spacers, Mix 20.5 sy 60:40 cement Blend = 50K Bk Slurry, Start Disp. w/ Fresh H2O, See steady increase in Pst, Slow rate, Stop pump at 16 Bbls Total Disp, Shut in Cement Did Cure.*  
*Thank you!!*

SERVICE

DEPTH OF JOB <i>272</i>		
PUMP TRUCK CHARGE	<i>1125.00</i>	
EXTRA FOOTAGE	@	
MILEAGE <i>50</i>	@ <i>7.00</i>	<i>210.00</i>
MANIFOLD <i>NA</i>	@	
<i>light vehicle 30</i>	@ <i>4.00</i>	<i>120.00</i>
	@	

CHARGE TO: *R & B oil & gas*  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

TOTAL *1455.00*

PLUG & FLOAT EQUIPMENT

<i>None</i>	@	
	@	
	@	
	@	
	@	

TOTAL \_\_\_\_\_

To Allied Cementing Co., LLC.  
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (if Any) \_\_\_\_\_  
 TOTAL CHARGES *5826.55*  
 DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS \_\_\_\_\_

PRINTED NAME *Scott C Adlhardt*

SIGNATURE *Scott C Adlhardt*

JANK

# ALLIED CEMENTING CO., LLC. 037986

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:  
*med. & shop*

DATE <i>12-28-14</i>	SEC. <i>3</i>	TWP <i>32S</i>	RANGE <i>9W</i>	CALLED OUT	ON LOCATION	JOB START <i>4:00 pm</i>	JOB FINISH <i>5:00 pm</i>
LEASE <i>Mc Daniel</i>	WELL # <i>A-1</i>		LOCATION			COUNTY <i>Harper</i>	STATE <i>KS</i>
OLD OR NEW (Circle one)							

CONTRACTOR *Hardt Rig #1*  
 TYPE OF JOB *Production*  
 HOLE SIZE *7 7/8* T.D. *4615'*  
 CASING SIZE *5 1/2* DEPTH *4602*  
 TUBING SIZE DEPTH  
 DRILL PIPE DEPTH  
 TOOL DEPTH  
 PRES. MAX *(1300 psi)* MINIMUM  
 MEAS. LINE SHOE JOINT *33'*  
 CEMENT LEFT IN CSG. *33'*  
 PERFS.  
 DISPLACEMENT *11 3/4 bbls 2 1/2 ucl*

OWNER *R+B Oil + Gas*  
 CEMENT:  
 AMOUNT ORDERED *40 x 60 = 2400 gal + 4% cms*  
*125 sx H+10% salt + 5% ucl*  
*500 gal ASF 1 gal Clapio*

EQUIPMENT  
 PUMP TRUCK CEMENTER *MD-4 thru mesh*  
 # *360/265* HELPER *Jason Thimessh*  
 BULK TRUCK  
 # *364* DRIVER *Eddie Pifer*  
 BULK TRUCK  
 # DRIVER

COMMON	<i>24 sacks "A"</i>	@ <i>11.25</i>	<i>390.00</i>
POZMIX	<i>11 sacks</i>	@ <i>8.50</i>	<i>136.00</i>
GEL	<i>2 sacks</i>	@ <i>21.25</i>	<i>42.50</i>
CHLORIDE		@	
ASC		@	
Class H-185	<i>sacks</i>	@ <i>19.25</i>	<i>2406.25</i>
Salt	<i>13 sacks</i>	@ <i>12.00</i>	<i>156.00</i>
K02 seal	<i>1-25 #</i>	@ <i>.89</i>	<i>556.25</i>
ASF	<i>500 gal</i>	@ <i>1.27</i>	<i>635.00</i>
Clapio	<i>1 gal</i>	@ <i>31.25</i>	<i>437.50</i>
Sodium MS	<i>13 #</i>	@ <i>3.00</i>	<i>39.00</i>
		@	
		@	
HANDLING	<i>193</i>	@ <i>2.25</i>	<i>434.25</i>
MILEAGE	<i>198 x .11 x 15</i>		<i>318.45</i>

TOTAL *\$5,551.20*

### REMARKS:

*pipe on bottom bll use pump ball through*  
*pump 20 blls 2 1/2 ucl pump 3 H+O 500 gal ASF 3 H+O*  
*pipe and pump 1500 to rig the roll hole*  
*in 1000 pump 2.5% seawater cement*  
*in 1000 pump 125 sx cement shutdown*  
*wash pump + lines for 10 minutes*  
*displace with 2 1/2 ucl lift out 85 blls down*  
*pump 60 gal of 13 3/4 blls 800 psi to 1300 psi*  
*plus hold.*

CHARGE TO: *R+B Oil + Gas*  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

### SERVICE

DEPTH OF JOB	<i>4602'</i>		
PUMP TRUCK CHARGE			<i>2405-</i>
EXTRA FOOTAGE	@		
MILEAGE	<i>30</i>	@ <i>7.00</i>	<i>210-</i>
MANIFOLD	@		
LV	<i>30</i>	@ <i>4.00</i>	<i>120-</i>
	@		

TOTAL *\$2,735-*

### 5/2 PLUG & FLOAT EQUIPMENT

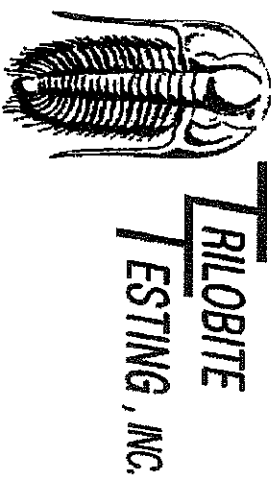
<i>1-Reg. case shoe</i>	@		<i>178-</i>
<i>1- AFU mesh</i>	@		<i>155-</i>
<i>10x scrapers</i>	@	<i>71</i>	<i>710-</i>
<i>6-centralizers</i>	@	<i>49</i>	<i>294-</i>
	@		

TOTAL *\$1,337-*

To Allied Cementing Co., LLC.  
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME *TIM PIERCE*  
 SIGNATURE *Tim Pierce*

SALES TAX (if Any) \_\_\_\_\_  
 TOTAL CHARGES *\$9,623.20*  
 DISCOUNT *20%* IF PAID IN 30 DAYS  
 Net *\$7,698.56*



## DRILL STEM TEST REPORT

Prepared For: **R & B Oil & Gas**

PO Box 195  
Attica, KS 67009

ATTN: Tim Pierce

**McDaniel A #1**

**3-32s-9w Harper,KS**

Start Date: 2011.12.18 @ 20:27:31

End Date: 2011.12.19 @ 04:43:01

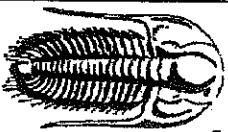
Job Ticket #: 44051      DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2011.12.21 @ 16:42:10



**TRIBOLITE**  
TESTING, INC

**DRILL STEM TEST REPORT**

R & B Oil & Gas

3-32s-9w Harper, KS

PO Box 195  
Attoia, KS 67009

McDaniel A #1

Job Ticket: 44051 DST#:1

ATTN: Tim Pierce

Test Start: 2011.12.18 @ 20:27:31

**GENERAL INFORMATION:**

Formation: Mississippi  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 23:30:31  
 Time Test Ended: 04:43:01  
 Interval: 4425.00 ft (KB) To 4475.00 ft (KB) (TVD)  
 Total Depth: 4475.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches-Hole Condition: Good

Test Type: Conventional Bottom Hole (Initial)  
 Tester: Leal Cason  
 Unit No: 45

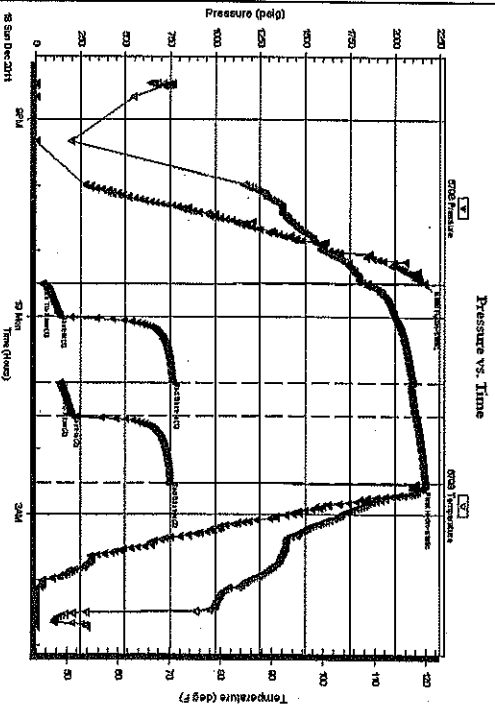
Reference Elevations: 1524.00 ft (KB)  
 1514.00 ft (CP)  
 KB to GRCP: 10.00 ft

**Serial #: 6798** Inside  
 Press@RunDepth: 201.90 psig @ 4426.00 ft (KB)  
 Start Date: 2011.12.18 End Date: 2011.12.19  
 Start Time: 20:27:32 End Time: 04:43:01

Capacity: 8000.00 psig  
 Last Callb.: 2011.12.19  
 Time On Btm: 2011.12.18 @ 23:29:31  
 Time Off Btm: 2011.12.19 @ 02:32:16

**TEST COMMENT:**

IF: Fair Blow, BOB in 15 minutes  
 ISL: No Blow Back  
 FF: Weak Blow, BOB in 28 minutes  
 FSI: No Blow Back



**PRESSURE SUMMARY**

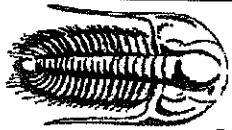
Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	2168.46	108.79	Initial Hydro-static
1	38.41	108.54	Open To Flow (1)
31	133.88	113.90	Shut-In (1)
91	763.24	117.50	End Shut-In (1)
91	136.30	117.27	Open To Flow (2)
121	201.90	117.99	Shut-In (2)
182	752.11	119.87	End Shut-In (2)
183	2119.18	120.08	Final Hydro-static

**Recovery**

Length (ft)	Description	Volume (bbl)
120.00	Water	0.59
60.00	MCW 20%AM 80%AW	0.84
150.00	SGCM 2%G 98%AM	2.10

**Gas Rates**

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



**TRILOBITE**  
**TESTING, INC.**

**DRILL STEM TEST REPORT**

**TOOL DIAGRAM**

R & B Oil & Gas

3-32s-9w Harper, KS

PO Box 195  
Attea, KS 67009

McDaniel A #1

Job Ticket: 44051

DST#: 1

ATTN: Tim Perce

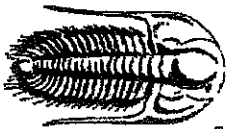
Test Start: 2011.12.18 @ 20:27:31

**Tool Information**

Drill Pipe:	Length: 4294.00 ft	Diameter: 3.80 inches	Volume: 60.23 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 80000.00 lb
			Total Volume: 60.82 bbl	ft
Drill Ppe Above KB:	9.00 ft			String Weight: Initial 72000.00 lb
Depth to Top Packer:	4425.00 ft			Final 73000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	50.00 ft			
Tool Length:	70.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4410.00	
Hydraulic tool	5.00			4415.00	
Packer	5.00			4420.00	20.00
Packer	5.00			4425.00	Bottom Of Top Packer
Stub	1.00			4426.00	
Recorder	0.00	6798	Inside	4426.00	
Recorder	0.00	8367	Outside	4426.00	
Perforations	7.00			4433.00	
Change Over Sub	1.00			4434.00	
Drill Pipe	32.00			4466.00	
Change Over Sub	1.00			4467.00	
Perforations	5.00			4472.00	
Bullnose	3.00			4475.00	50.00
<b>Total Tool Length:</b>					<b>Bottom Packers &amp; Anchor</b>

**Total Tool Length: 70.00**



**TRILOBITE**  
TESTING, INC

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

R & B Oil & Gas

3-32s-9w Harper, KS

PO Box 195  
Attoia, KS 67009

McDaniel A #1

Job Ticket: 44051

DST#: 1

ATTN: Tim Ferce

Test Start: 2011.12.18 @ 20:27:31

**Mud and Cushion Information**

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length:	Water Salinity:	110000 ppm
Viscosity: 45.00 sec/qt	Cushion Volume:		bbl
Water Loss: 9.99 in <sup>3</sup>	Gas Cushion Type:	Gas Cushion Pressure:	psig
Resistivity: ohm.m			
Salinity: 4500.00 ppm			
Filter Cake: 0.20 inches			

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
120.00	Water	0.590
60.00	MCM/20%M 80%GW	0.842
150.00	SGCM 2%G 98%GM	2.104

Total Length: 330.00 ft      Total Volume: 3.536 bbl

Num Fluid Samples: 0      Num Gas Borbs: 0      Serial #:

Laboratory Name:      Laboratory Location:

Recovery Comments: RMW as .19 @ 46 degrees



