

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

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

1/5/11

OPERATOR: License # 3988
Name: Slawson Exploration Co., Inc.
Address 1: 204 N Robinson, Ste 2300
Address 2:
City: OKC State: OK Zip: 73102
Contact Person: Steve Slawson
Phone: (405) 232 0201
CONTRACTOR: License # 33793
Name: H2 Drilling LLC
Wellsite Geologist: Pat Deenihan
Purchaser:

KCC
JAN 05 2011
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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: Blake Exploration LLC
Well Name: Epard #1

Original Comp. Date: 12/11/06 Original Total Depth: 4425
 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 #:

12/2/10	12/6/10	12/8/10
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 193-20712-00-01
Spot Description:
SW NE NE SE Sec. 24 Twp. 10 S. R. 34 East West
2,125 Feet from North / South Line of Section
550 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Thomas
Lease Name: Epard Well #: 1
Field Name: Wildcat
Producing Formation:
Elevation: Ground: 3171 Kelly Bushing:
Total Depth: 4800 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.

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Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content: 6000 ppm Fluid volume: 2000 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 #:

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: [Signature]
Title: Op. Manager Date: 1/3/2011

KCC Office Use ONLY
 Letter of Confidentiality Received Date: 1/5/11 - 1/3/13
 Confidential Release Date:
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: NJ Date: 1-24-11
PA

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Operator Name: Slawson Exploration Co., Inc. Lease Name: Epard Well #: 1
 Sec. 24 Twp. 10 S. R. 34 East West County: Thomas

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 Yes No
 (Attach Additional Sheets)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No

Electric Log Submitted Electronically Yes No
 (If no, Submit Copy)

Name	Formation (Top), Depth and Datum			Sample	
	Top	Datum			
Anh	2676	+504	Pawnee	4526	-1346
B/Anh	2702	+478'	Uck	4572	-1392
Hbn	4060	-880	Ft Scott	4578	-1398
Lns	4104	-924	Lck	4609	-1429
Muncie Creek	4285	-1105'	John Z	4652	-1472
Stk	4332	-1152	Sand	4711	-1531
BKC	4390	-1210	Msp	4745	-1565
Marmaton	4419	-1239			

List All E. Logs Run:
 DIL-SP-GR, CNL-CDL, ML

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 (Amount and Kind of Material Used)	Depth

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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: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled (Submit ACO-5) (Submit ACO-4) <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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ALLIED CEMENTING CO., LLC. 042166

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

JAN 05 2011

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KCC WICHITA

SERVICE POINT:
 Liberal, ks.

DATE: 12/7/10	SEC: 23	TWP. CHU: 10S	RANGE: 34W	CALLED OUT: 5:00 PM	ON LOCATION: 9:30 PM	JOB START: 10:00 PM	JOB FINISH: 3:00 AM
LEASE: 300 500			WELL #:	LOCATION: 40 + 25.34 4 1/2 N W into	COUNTY: Thomas	STATE: KS	
OLD OR NEW (Circle one) <u>NEW</u>							

CONTRACTOR: AZ

TYPE OF JOB: ART A

HOLE SIZE: 7 7/8" T.D. 4800

CASING SIZE: _____ DEPTH: _____

TUBING SIZE: _____ DEPTH: _____

DRILL PIPE: 4 1/2" DEPTH: 2690

TOOL: _____ DEPTH: _____

PRES. MAX: 300 MINIMUM: _____

MEAS. LINE: _____ SHOE JOINT: _____

CEMENT LEFT IN CSG: _____

PERFS: _____

DISPLACEMENT: mo / 4 Resh

OWNER: Slawson Exploration

CEMENT

AMOUNT ORDERED: 220 Sx 60 / 40 / 4

COMMON	@		
POZ MIX	@		
GEL	@		
CHLORIDE	@		
ASC	@		
<u>Life</u>	@	<u>220</u>	<u>14.90</u> <u>3258.00</u>
	@		
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	@		
HANDLING	@	<u>220</u>	<u>2.40</u> <u>528.00</u>
MILEAGE			<u>330.00</u>
			TOTAL: 4114.00

EQUIPMENT

PUMP TRUCK: GEMENTER M. Cdey

372 HELPER C. Paria

BULK TRUCK: 472 468 DRIVER: T. W. S. / B. T. O.

BULK TRUCK # _____ DRIVER: _____

REMARKS:

plug @ 2690 w/ 155#

plug @ 1670 w/ 100#

plug @ 303 w/ 405#

plug @ 40' w/ 105#

plug @ 1st w/ 305#

plug @ 1st w/ 155#

SERVICE

DEPTH OF JOB: 2690

PUMP TRUCK CHARGE: _____ 2011.00

EXTRA FOOTAGE: @ _____

MILEAGE: @ 15 7.00 105.00

MANIFOLD: @ _____

TOTAL: 2116.00

CHARGE TO: Slawson Exploration

STREET: _____

CITY: Oklahoma City STATE: OK ZIP: _____

PLUG & FLOAT EQUIPMENT

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: 2116.00

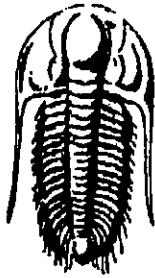
DISCOUNT: _____

IF PAID IN 30 DAYS: _____

PRINTED NAME: _____

SIGNATURE: [Signature]

TOTAL: _____



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Slawson Exploration Co., Inc.**

204 N Robinson Ste 2300
Oklahoma City Ok 73102

ATTN: Steve Slawson

24-10-34 Thomas KS

Epard # 1

Start Date: 2010.12.04 @ 18:10:22

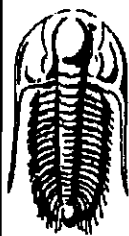
End Date: 2010.12.05 @ 01:04:52

Job Ticket #: 040972 DST #: 1

**KCC
JAN 05 2011
CONFIDENTIAL**

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

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JAN 07 2011
KCC WICHITA**



**TRIBOLITE
TESTING, INC**

DRILL STEM TEST REPORT

Slawson Exploration Co., Inc.

Epard # 1

204 N Robinson Ste 2300
Oklahoma City Ok 73102

24-10-34 Thomas KS

Job Ticket: 040972

DST#: 1

ATTN: Steve Slawson

Test Start: 2010.12.04 @ 18:10:22

GENERAL INFORMATION:

Formation: Johnson
Deviated: No Whipstock ft (KB)
Time Tool Opened: 21:04:07
Time Test Ended: 01:04:52

Test Type: Conventional Bottom Hole
Tester: Dan Bangle
Unit No: 38

Interval: 4626.00 ft (KB) To 4686.00 ft (KB) (TVD)
Total Depth: 4686.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3180.00 ft (KB)
3169.00 ft (CF)
KB to GR/CF: 11.00 ft

Serial #: 8354

Inside

Press@RunDepth: 20.13 psig @ 4631.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.12.04

End Date: 2010.12.05

Last Calib.: 2010.12.05

Start Time: 18:10:23

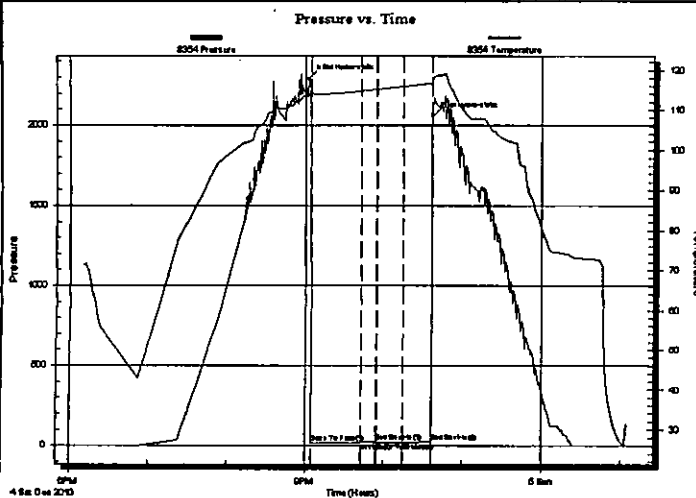
End Time: 01:04:52

Time On Btm: 2010.12.04 @ 21:02:07

Time Off Btm: 2010.12.04 @ 22:36:52

TEST COMMENT: IF-Weak died in 12 min

FF-No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2294.06	113.69	Initial Hydro-static
2	18.09	114.16	Open To Flow (1)
40	21.99	114.87	Shut-In(1)
53	27.03	115.30	End Shut-In(1)
53	18.56	115.32	Open To Flow (2)
73	20.13	116.04	Shut-In(2)
95	24.82	116.82	End Shut-In(2)
95	2061.12	117.70	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
3.00	Drig Mud	0.01

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Slawson Exploration Co., Inc.

Epard # 1

204 N Robinson Ste 2300
Oklahoma City OK 73102

24-10-34 Thomas KS

Job Ticket: 040972

DST#: 1

ATTN: Steve Slawson

Test Start: 2010.12.04 @ 18:10:22

Tool Information

Drill Pipe:	Length: 4365.00 ft	Diameter: 3.80 inches	Volume: 61.23 bbl	Tool Weight: 3400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 240.00 ft	Diameter: 2.25 inches	Volume: 1.18 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 62.41 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial 69000.00 lb
Depth to Top Packer:	4626.00 ft			Final 69000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	60.00 ft			
Tool Length:	88.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4599.00	
Shut In Tool	5.00			4604.00	
Hydraulic tool	5.00			4609.00	
Jars	5.00			4614.00	
Safety Joint	3.00			4617.00	
Packer	5.00			4622.00	28.00 Bottom Of Top Packer
Packer	4.00			4626.00	
Stubb	1.00			4627.00	
Perforations	3.00			4630.00	
Change Over Sub	1.00			4631.00	
Recorder	0.00	8354	Inside	4631.00	
Recorder	0.00	8520	Outside	4631.00	
Drill Pipe	31.00			4662.00	
Change Over Sub	1.00			4663.00	
Perforations	20.00			4683.00	
Bullnose	3.00			4686.00	60.00 Bottom Packers & Anchor
Total Tool Length:	88.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Slaw son Exploration Co., Inc.

Epard # 1

204 N Robinson Ste 2300
Oklahoma City Ok 73102

24-10-34 Thomas KS

Job Ticket: 040972

DST#: 1

ATTN: Steve Slaw son

Test Start: 2010.12.04 @ 18:10:22

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:

ppm

Viscosity: 63.00 sec/qt

Cushion Volume:

bbf

Water Loss: 9.17 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5700.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
3.00	Drig Mud	0.015

Total Length: 3.00 ft

Total Volume: 0.015 bbf

Num Fluid Samples: 0

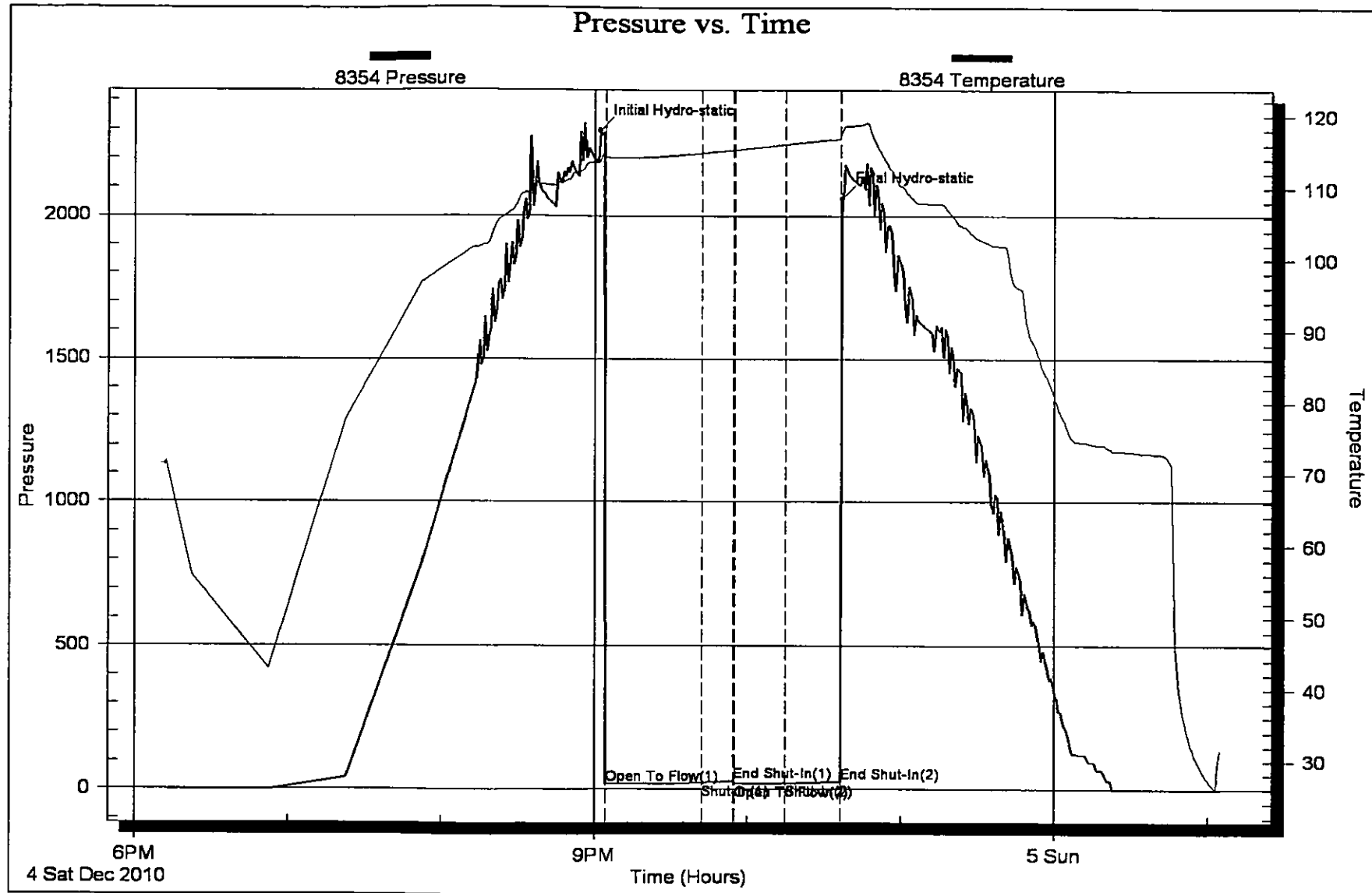
Num Gas Bombs: 0

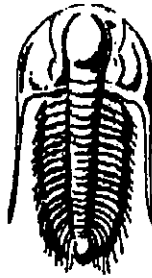
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Slawson Exploration Co., Inc.**

204 N Robinson Ste 2300
Oklahoma City Ok 73102

ATTN: Steve Slawson

24-10-34 Thomas KS

Epard # 1

Start Date: 2010.12.05 @ 13:30:19

End Date: 2010.12.05 @ 22:59:34

Job Ticket #: 040973 DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Slawson Exploration Co., Inc.

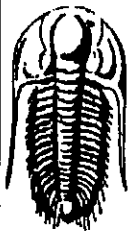
Epard # 1

24-10-34 Thomas KS

DST # 2

Johnson/Miss

2010.12.05



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Slawson Exploration Co., Inc.

Epard # 1

204 N Robinson Ste 2300
Oklahoma City Ok 73102

24-10-34 Thomas KS

Job Ticket: 040973 DST#: 2

ATTN: Steve Slawson

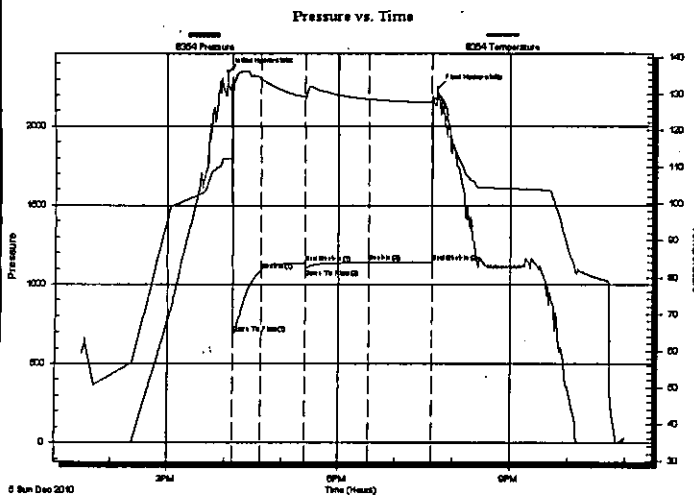
Test Start: 2010.12.05 @ 13:30:19

GENERAL INFORMATION:

Formation: Johnson/Miss	Test Type: Conventional Bottom Hole
Deviated: No Whipstock: ft (KB)	Tester: Dan Bangle
Time Tool Opened: 16:08:34	Unit No: 38
Time Test Ended: 22:59:34	Reference Elevations: 3180.00 ft (KB)
Interval: 4674.00 ft (KB) To 4722.00 ft (KB) (TVD)	3169.00 ft (CF)
Total Depth: 4722.00 ft (KB) (TVD)	KB to GR/CF: 11.00 ft
Hole Diameter: 7.88 inches	Hole Condition: Good

Serial #: 8354	Inside	Capacity: 8000.00 psig
Press@RunDepth: 1139.13 psig @ 4679.00 ft (KB)	Start Date: 2010.12.05	Last Calib.: 2010.12.05
Start Time: 13:30:20	End Date: 2010.12.05	Time On Btm: 2010.12.05 @ 16:02:34
	End Time: 22:59:34	Time Off Btm: 2010.12.05 @ 19:44:34

TEST COMMENT: IF-Strong B-B in 10 sec
FF-Weak building to 6"



PRESSURE SUMMARY

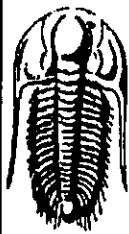
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2347.55	112.35	Initial Hydro-static
6	686.78	129.34	Open To Flow (1)
36	1086.91	134.03	Shut-In(1)
82	1134.77	129.29	End Shut-In(1)
82	1097.64	129.25	Open To Flow (2)
150	1139.13	128.63	Shut-In(2)
216	1140.83	127.80	End Shut-In(2)
222	2245.59	128.76	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2480.00	Mdy Wtr	32.60

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Slawson Exploration Co., Inc.

Epard # 1

204 N Robinson Ste 2300
Oklahoma City Ok 73102

24-10-34 Thomas KS

Job Ticket: 040973

DST#: 2

ATTN: Steve Slawson

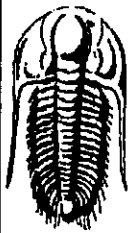
Test Start: 2010.12.05 @ 13:30:19

Tool Information

Drill Pipe:	Length: 4427.00 ft	Diameter: 3.80 inches	Volume: 62.10 bbl	Tool Weight: 3400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 240.00 ft	Diameter: 2.25 inches	Volume: 1.18 bbl	Weight to Pull Loose: 85000.00 lb
			<u>Total Volume: 63.28 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	4674.00 ft			Final 82000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	49.00 ft			
Tool Length:	77.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4647.00	
Shut In Tool	5.00			4652.00	
Hydraulic tool	5.00			4657.00	
Jars	5.00			4662.00	
Safety Joint	3.00			4665.00	
Packer	5.00			4670.00	28.00 Bottom Of Top Packer
Packer	4.00			4674.00	
Stubb	1.00			4675.00	
Perforations	3.00			4678.00	
Change Over Sub	1.00			4679.00	
Recorder	0.00	8354	Inside	4679.00	
Recorder	0.00	8520	Outside	4679.00	
Drill Pipe	31.00			4710.00	
Change Over Sub	1.00			4711.00	
Perforations	9.00			4720.00	
Bullnose	3.00			4723.00	49.00 Bottom Packers & Anchor
Total Tool Length:	77.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Slawson Exploration Co., Inc.

Epard # 1

204 N Robinson Ste 2300
Oklahoma City Ok 73102

24-10-34 Thomas KS

Job Ticket: 040973

DST#: 2

ATTN: Steve Slawson

Test Start: 2010.12.05 @ 13:30:19

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:

100000 ppm

Viscosity: 67.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.56 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2480.00	Mdy Wtr	32.602

Total Length: 2480.00 ft Total Volume: 32.602 bbl

Num Fluid Samples: 0

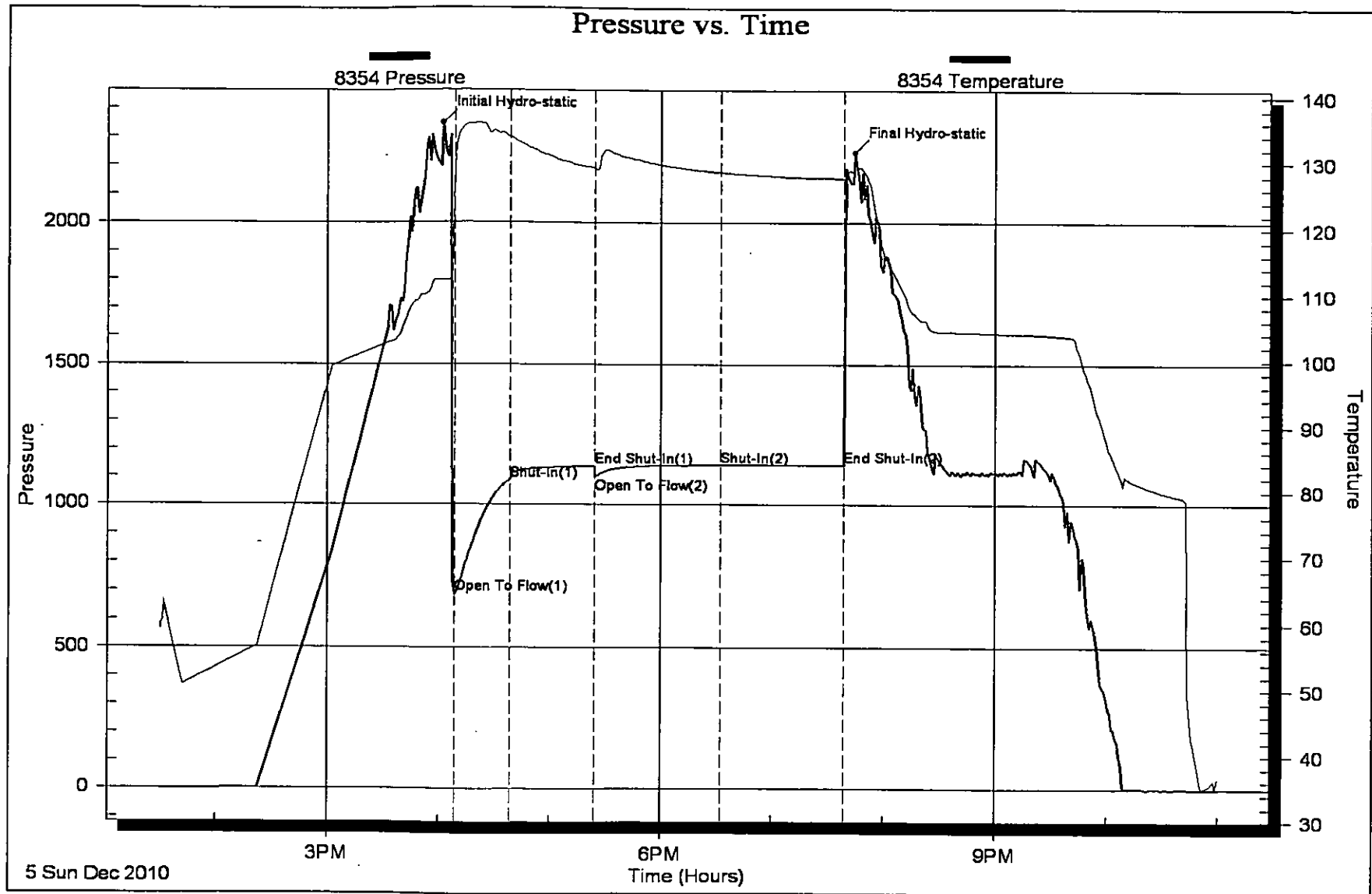
Num Gas Bombs: 0

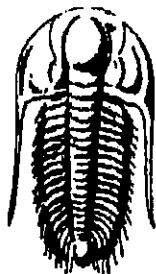
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Rw .07 @ 70 = 100000ppm





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Slawson Exploration Co., Inc.**

204 N Robinson Ste 2300
Oklahoma City Ok 73102

ATTN: Steve Slawson

24-10-34 Thomas KS

Epard # 1

Start Date: 2010.12.06 @ 22:38:02

End Date: 2010.12.07 @ 09:03:57

Job Ticket #: 040488 DST #: 3

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Slawson Exploration Co., Inc.

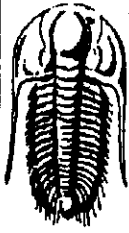
Epard # 1

24-10-34 Thomas KS

DST # 3

Johnson

2010.12.06



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Slawson Exploration Co., Inc.

Epard # 1

204 N Robinson Ste 2300
Oklahoma City Ok 73102

24-10-34 Thomas KS

Job Ticket: 040488

DST#: 3

ATTN: Steve Slawson

Test Start: 2010.12.06 @ 22:38:02

GENERAL INFORMATION:

Formation: **Johnson**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 01:28:42

Time Test Ended: 09:03:57

Test Type: **Conventional Straddle**

Tester: **Brandon Turley**

Unit No: **35**

Interval: **4627.00 ft (KB) To 4700.00 ft (KB) (TVD)**

Total Depth: **4800.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **3180.00 ft (KB)**

3169.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 8373

Inside

Press@RunDepth: **1117.96 psig @ 4633.00 ft (KB)**

Capacity: **8000.00 psig**

Start Date: **2010.12.06**

End Date:

2010.12.07

Last Calib.: **2010.12.07**

Start Time: **22:38:02**

End Time:

09:03:57

Time On Btm: **2010.12.07 @ 01:26:12**

Time Off Btm: **2010.12.07 @ 05:01:11**

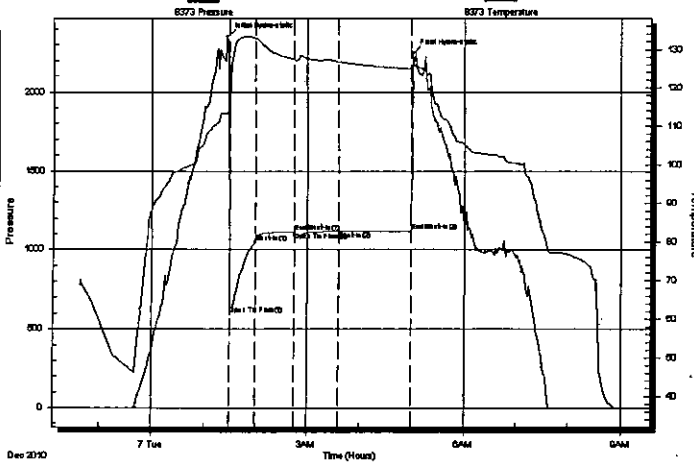
TEST COMMENT: IF: BOB in 30 sec.

IS: No return.

FF: BOB in 4 min. Died in 30 min.

FS: No return.

Pressure vs. Time



PRESSURE SUMMARY

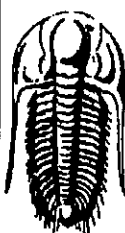
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2352.91	113.41	Initial Hydro-static
3	591.34	113.37	Open To Flow (1)
32	1044.84	132.89	Shut-In(1)
78	1114.45	127.51	End Shut-In(1)
78	1059.60	127.48	Open To Flow (2)
130	1117.96	126.75	Shut-In(2)
213	1120.57	124.97	End Shut-In(2)
215	2249.20	125.64	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2418.00	mcw 90%w 10%m	31.70

Gas Rates

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Slawson Exploration Co., Inc.

Epard # 1

204 N Robinson Ste 2300
Oklahoma City Ok 73102

24-10-34 Thomas KS

Job Ticket: 040488

DST#: 3

ATTN: Steve Slawson

Test Start: 2010.12.06 @ 22:38:02

GENERAL INFORMATION:

Formation: Johnson

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:28:42

Time Test Ended: 09:03:57

Test Type: Conventional Straddle

Tester: Brandon Turley

Unit No: 35

Interval: 4627.00 ft (KB) To 4700.00 ft (KB) (TVD)

Total Depth: 4800.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3180.00 ft (KB)

3169.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 8645 Below (Straddle)

Press@RunDepth: psig @ 4702.00 ft (KB)

Start Date: 2010.12.06

End Date:

2010.12.07

Capacity: 8000.00 psig

Last Calib.:

2010.12.07

Start Time: 22:38:47

End Time:

09:01:27

Time On Btm:

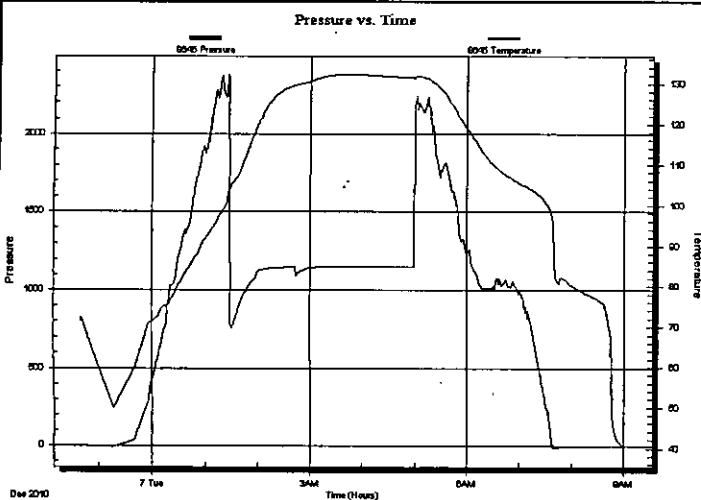
Time Off Btm:

TEST COMMENT: IF: BOB in 30 sec.

IS: No return.

FF: BOB in 4 min. Died in 30 min.

FS: No return.



PRESSURE SUMMARY

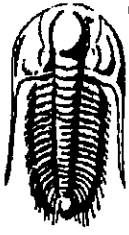
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
2418.00	mcw 90%w 10%m	31.70

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Slawson Exploration Co., Inc.

Epard # 1

204 N Robinson Ste 2300
Oklahoma City Ok 73102

24-10-34 Thomas KS

Job Ticket: 040488

DST#: 3

ATTN: Steve Slawson

Test Start: 2010.12.06 @ 22:38:02

Tool Information

Drill Pipe:	Length: 4362.00 ft	Diameter: 3.80 inches	Volume: 61.19 bbl	Tool Weight: 3400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 243.00 ft	Diameter: 2.25 inches	Volume: 1.20 bbl	Weight to Pull Loose: 120000.0 lb
			Total Volume: 62.39 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	4627.00 ft			Final 80000.00 lb
Depth to Bottom Packer:	4696.00 ft			
Interval between Packers:	69.00 ft			
Tool Length:	201.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments:
Bottom packer did not hold

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Stubb	1.00			4600.00	
Shut In Tool	5.00			4605.00	
Hydraulic tool	5.00			4610.00	
Jars	5.00			4615.00	
Safety Joint	3.00			4618.00	
Packer	5.00			4623.00	28.00 Bottom Of Top Packer
Packer	4.00			4627.00	
Stubb	1.00			4628.00	
Perforations	5.00			4633.00	
Recorder	0.00	8373	Inside	4633.00	
Recorder	0.00	8289	Outside	4633.00	
Change Over Sub	1.00			4634.00	
Drill Pipe	31.00			4665.00	
Change Over Sub	1.00			4666.00	
Perforations	29.00			4695.00	
Blank Off Sub	1.00			4696.00	69.00 Tool Interval
Packer	4.00			4700.00	
Stubb	1.00			4701.00	
Change Over Sub	1.00			4702.00	
Recorder	0.00	8645	Below	4702.00	
Drill Pipe	92.00			4794.00	
Change Over Sub	1.00			4795.00	
Bullnose	5.00			4800.00	104.00 Bottom Packers & Anchor
Total Tool Length:	201.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Slaw son Exploration Co., Inc.

Epard # 1

204 N Robinson Ste 2300
Oklahoma City Ok 73102

24-10-34 Thomas KS

Job Ticket: 040488

DST#: 3

ATTN: Steve Slaw son

Test Start: 2010.12.06 @ 22:38:02

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

100000 ppm

Viscosity: 67.00 sec/qt

Cushion Volume:

bbf

Water Loss: 9.58 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
2418.00	mcw 90%w 10%m	31.705

Total Length: 2418.00 ft Total Volume: 31.705 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0.

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .16@39=100000

