

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1049404

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 #	API No. 15
Name:	Spot Description:
Address 1:	
Address 2:	Feet from Dorth / South Line of Section
City: State: Zip:	+ Feet from Teast / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
CONTRACTOR: License #	
Name:	
Wellsite Geologist:	
Purchaser:	
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
New Well Re-Entry Work	
Oil WSW SWD Gas D&A ENHR OG GSW CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.):	SIOW Amount of Surface Pipe Set and Cemented at: Feet SIGW Multiple Stage Cementing Collar Used? Yes No Temp. Abd. If yes, show depth set: Feet If Alternate II completion, cement circulated from:
Operator:	
Well Name:	Drilling Fluid Management Plan
Original Comp. Date: Original Total Depth	
Plug Back: Plug Back To	al Depth Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name:
Dual Completion Permit #:	Lease Name: License #:
SWD Permit #:	Quarter Sec Two S R East West
ENHR Permit #: GSW Permit #:	Countur Dormit #:
	on Date or etion Date

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:												

	Side Two	1049404
Operator Name:	Lease Name:	Well #:
Sec TwpS. 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 (Attach Additional Sh	eets)	Yes No		Log Formatic	on (Top), Depth an		Sample						
Samples Sent to Geolog	gical Survey	Yes No		Name		Тор	Datum						
Cores Taken Electric Log Run Electric Log Submitted B (If no, Submit Copy)	Electronically	Yes Nu Yes Nu Yes Nu	D										
List All E. Logs Run:													
		Report all strings	set-conductor, surface	, intermediate, product	tion, 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: —— Perforate	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
Protect Casing Plug Back TD				
Plug Off Zone				

Shots Per Foot			I RECORD - Bridge Plugs Set/Type Acid, Fracture, Shot, Cement Squeeze Record otage of Each Interval Perforated (Amount and Kind of Material Used)							
TUBING RECORD: Size:					Packer	r At:	Liner R	un:	No	
Date of First, Resumed P	Producti	on, SWD or ENHF	₹.	Producing N	1ethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Oil B Per 24 Hours			ls.	Gas	Mcf	Water		Bbls.	Gas-Oil Ratio	Gravity
		1								
DISPOSITIO	BAS:	METHOD OF COMPLI				TION:		PRODUCTION INT	ERVAL:	
Vented Sold	Jsed on Lease		Open Hole	Perf.	Dually (Submit A	Comp. AC <i>O-5)</i>	Commingled (Submit ACO-4)			
(If vented, Subr	-18.)		Other (Specify)							

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	FIML Natural Resources, LLC
Well Name	Schwartz 13A-27-1831
Doc ID	1049404

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
	Plug 1	Cemented w/ 50 sxs 60/40 Class A Pozmix	2093-2320
	Plug 2	Cemented w/ 80 sxs 60/40 Class A Pozmix	1136-1500
	Plug 3	Cemented w/ 40 sxs 60/40 Class A Pozmix	572-750
	Plug 4	Cemented w/ 50 sxs 60/40 Class A Pozmix	193-420
	Plug 5	Cemented w/ 20 sxs 60/40 Class A Pozmix	60-0
	Mouse and rat hole	Cemented w/ 50 sxs 60/40 Class A Poxmix	



January 14, 2011

Cassie Parks FIML Natural Resources, LLC 410 17TH ST STE 900 DENVER, CO 80202-4420

Re: ACO1

API 15-171-20785-00-00 Schwartz 13A-27-1831 SW/4 Sec.27-18S-31W Scott County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully, Cassie Parks

CEMENTING CO., LLC CEMENTING CO., LLC Comoting & Acidizing Services PO BOX 31 Russell, KS 67665





Invoice Number: 125352 Invoice Date: Nov 18, 2010 Page:

Federal Tax I.D.#: 20-5975804

	rces LLC	
	FIML Natural Resources LLC 410 I7th St., #900 Denver, CO 80202	
Bill To:	FIML Na 410 I7th Denver,	

(785) 483-3887 (785) 483-5566

Voice: Fax:

Customer ID	Well Name# or Customer P.O.	Payment Terms	sms
FIML	Schwartz #13-A - 27- 183/	Net 30 Days	iys
Job Location	Camp Location	Service Date	Due Date
KS1-01	Oakley	Nov 18, 2010	12/18/10
Quantity Item	Description	Unit Price	Amount
5.00 MAT 8.00 MAT 8.00 MAT 55.00 SER 1.00 SER 1.00 EQP 1.00 EQP 8.5, 8.5, 8.5, 8.5, 8.5, 8.5, 8.5, 8.5,	Gel Chloride Handling Mileage 253 sx @.10 per sk per mi Surface Pump Truck Mileage 8.5/8 AFU Insert 8.5/8 Plug 8.5/8 Plug	20.80 58.20 2.40 25.30 1,018.00 49.00 53.00 53.00	104.00 465.60 607.20 1,391.50 1,018.00 385.00 147.00 53.00
			8 037 30
ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF			338.40
INVOICE. 11/2% CHARGED			8,375.70
THEREAFTER. IF ACCOUNT IS	<u> </u>		
CONVENT, TALE DISCOUNT OF			8,375.70
\$ 1607 45			- 1607.46
ONLY IF PAID ON OR BEFORE Dec 13, 2010			12.89LA

ALLIED CEMEN	EMENTING CO., LLC. 035613
REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665	SERVICE P
Ul-13-12 SEC. TWP. RANGE CALLET DATE 3-7 17 3.1 Schunntz WELL# 13.13 LOCATION Scattery OLD OR DEW Circle one) 11125 2.4	COUNTY ON LOCATION JOB START JO 3:200 AND 5:200 A
CONTRACTOR VN、をサスノ TYPE OF JOB Surver HOLE SIZE ハマリԿ T.D. マタン ¹ CASING SIZE るうち DEPTH 394 6 TUBING SIZE BEPTH DRILL PIPE DEPTH	OWNER CEMENT AMOUNT ORDERED 2 40 7 125 com
AENT ROLIPME	COMMON 2-40 0 15 45 3768
PUMPTRUCK CEMENTER Lust # 431 HELPER Lully BULK TRUCK # 432 DRIVER 2 2.m (CB) BULK TRUCK # DRIVER	
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CITYSTATEZIP	PLUG & FLOAT EQUIPMENT 1. ATU TASETA 0. 42 147 00 3. CEAT BLUC 0 42 53 00
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	A CALLARY AND A
PRINTED NAME CONDITIONS" listed on the reverse side.	TOTAL CHARGES IF PAID IN 30 DAYS
SIGNATURE US and VVE	With at the stream of state of the state

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PO BOX 31 Russell, KS 67665

Voice: Fax:

(785) 483-3887 (785) 483-5566

FIML Natural Resources LLC 410 I7th St., #900 Denver, CO 80202 Bill To:



2347

Invoice Number: 125413 Invoice Date: Nov 26, 2010 INVOICE Page:

Federal Tax I.D.#: 20-5975804

Terms	Jays	Due Date	12/26/10	Amount						1,666.50	1,017.00		-5,112.50		2,690.00	196.37	2,886.37		2,886.37	- 538.00	2348.37	
Payment Terms	Net 30 Days	Service Date	Nov 26, 2010	Unit Price	15.45	8.00	20.80	2.50	2.40	30.30	1,017.00	7.00	5,112.50							121	i clala	L.
Well Name# or Customer P.O.	Schwartz#13A-27-1831	Camp Location	Oakley	Description	Class A Common			-	ס	Mileage 303 sx @.10 per sk per mi	Plug to Abandon	Pump Truck Mileage	Credit Rig Time & Welding	of - DIR	Subtotal	Sales Tax	Total Invoice Amount	Payment/Credit Applied	TOTAL			
Customer ID We	FIML	Job Location	KS1-03	Quantity Item	174.00 MAT Class A	116.00 MAT Pozmix	10.00 MAT Gel	73.00 MAT Flo Seal	303.00 SER Handling	55.00 SER Mileage	1.00 SER Plug to /		1.00 SER Credit R		ALL DDICES ADE NET DAVADIE	30 DAYS FOLLOWING DATE OF	INVOICE. 11/2% CHARGED	CURRENT. TAKE DISCOUNT OF	8	230	ONLY IF PAID ON OR BEFORE Dec 21, 2010	

ALLIED CEMENTING Federal Tax LD # 20-5975804	TING CO., LLC. 035622
(665	SERVICE POINT:
IIIIAL SEC. TWP. RANGE C/ DATE 21 18 3 C	ED OUT ON LOCATION JOB START J
WELL # 13- A LOCATION 5ce ¥ ircle one) 1'(2 5- 5')	inty c. wien bet Sint Rs
A A	OWNER
112 N	CEMENT AMOUNT ORDERED 290 60 400 400 4
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BULK TRUCK # DRIVER	
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Josh Makes R'15am	S S
Thanks Juzzka	A DE CONTRACTOR DE S
CHARGE TO: 7.7 m.	Augume + merang a 13110.500
den an H	TOTAL
CITYSTATEZIP	PLUG & FLOAT EQUIPMENT
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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	TOTAL
contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.	SALES TAX (If Any)
	TOTAL CHARGES
PRINTED NAME Out U OLE	DISCOUNT IF PAID IN 30 DAYS

-

SIGNATURE ____

CONI ' DNILSE **BILOBITE**

DRILL STEM TEST REPORT

FIML Natural Resources Prepared For:

Denver, CO 80202 006 91S 1S 4121 014

itsuA rash Dokel Josh Austi

27-18s-31w Scott,KS

Schwartz 13A-27-1831

I #T20 10b Ticket #: 040481 2010.11.23 @ 14:10:42 End Date: E0:71:70 @ E2.11.0102 Start Date:

Printed: 2010.12.02 @ 20:45:53 Page 1 JANIJIAO

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

DST#1

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(inches) Pressure (psig) Gas Rate (Mcfid)	сиона			V 20 Aoinme (ppi)		CM 80%M 20%W	Length (f) 120.00 n
as Rates			1		I	Recovery	
	-	<u> </u>					
1 Initial Hydro-static 5 Open To Flow (1) 6 End Shut-In(1) 7 End Shut-In(1) 7 Shut-In(2) 8 End Shut-In(2) 9 End Shut-In(2)	95.49 125.03 95.49.24 125.96 949.24 125.96 949.23 125.46 95.33 125.46	291 191 901 19 19 19 19 19 19 10 10 10 10 10 10 10 10 10 10 10 10 10	000 1-000 000 000 000 000 000 000 000 00				0000 million 1000
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2 13A-27-1831 W Scott,KS 040481 DST#:1 2010.11.23 @ 07:17:03	о Покет 27-18 5- 31 27-185-31				FIML Natura 410 17th St Denver, CO	<u> ESTING</u> , INC FSTING, INC	
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Ref. No: 040481

Trilobite Testing, Inc

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ATTN: Gary Dokel Josh AustiDenver, CO 80202 Test	:NTTA	Gary Doke/ J	editen A deol	ver, CO 80202	2 Test Start: 2010.11.23	£0:71:70
Denver, CO 80202 Job	'iaaliari	70709 00 '			Job Ticket: 040481	l:#T20
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	סצוו	TL STE	N TEST	ЯОЧЭЯ	ΤS	TOOL DIAGRA

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Bottom Packers & Anchor

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Perforations

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ESTING, ESTING		FIML Natural Resour	SƏS	Schv	рмяц	1281-72-AE1	
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Recovery Information

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Printed: 2010.12.02 @ 20:45:53 Page 4

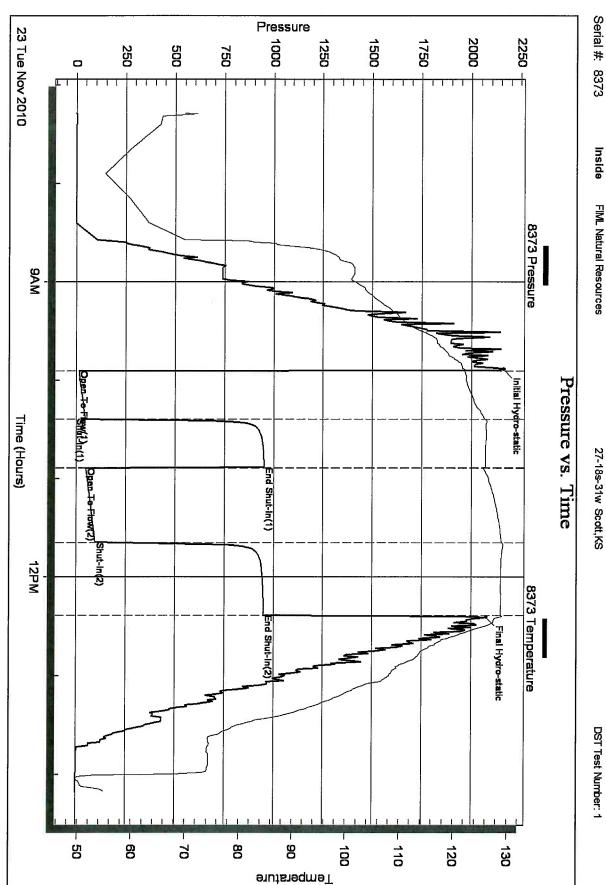
Ref. No: 040481

Trilobite Testing, Inc

Printed: 2010.12.02 @ 20:45:53 Page 5

Ref. No: 040481

Trilobite Testing, Inc



27-18s-31w Scott,KS

DST Test Number: 1



DRILL STEM TEST REPORT

Prepared For: FIML Natural Resources

Denver, CO 80202 006 91S 1S 4121 017

ATTN: Gary Doke/ Josh Austi

27-18s-31w Scott,KS

Schwartz 13A-27-1831

DST#: 2 Job Ticket #: 040482 2010.11.24 @ 07:55:51 End Date: Start Date: 2010.11.24 @ 01:49:12

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

2010.12.02 @ 20:46:32 Page 2	Printed: 2		Trilobite Testing, Inc. 040482
	, _		0:00 m%001 bum 00.08
Rates Pressure (psig) Gas Rate (Mcf/d)	SEO		Length (ft) Description Volume (bdl)
YAAMMUS E Annotation Aritial Hydro-static Open To Flow (1) End Shut-In(1) Shut-In(2) End Shut-In(2) Final Hydro-static	qməT exesure (qread) ((.nīM) 2 5 5 5 7 38 7 38 7 38	Pressure v. Linear Construction of the second of the seco
gisq 00.0008 4S.IT.010S 70:8S:E0 @ 4S.IT.010 SS:3∂:30 @ 4S.IT.010		42.11.0102 18:88:70	erial #: 8373 Inside ess@RunDepth: 51.32 psig @ 4204.00 ft (KB) art Date: 2010.11.24 End Date: art Time: 01.49:12 End Time: IS: No return. IS: No return. FF: Surface blow built to 1.12 in 30 min. FF: Surface blow built to 1.12 in 30 min. FF: Surface blow built to 1.12 in 30 min.
onventional Bottom Hole trandon Turley 5 2944.00 ft (KB) 2934.00 ft (CF) 6R/CF: 10.00 ft	Tester: B Unit No: 3 Reference Ber		ENERAL INFORMATION: Prinstion: Lansing J-K pristed: No Whipstock: ft (KB) me Tool Opened: 03:39:37 ferval: 4203.00 ft (KB) To 4284.00 ft (KB) (TVD) ferval: 4284.00 4284.00 ft (KB) (KB) (KB) (KB) (KB) (KB) (KB) (KB)
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Printed: 2010.12.02 @ 20:46:32 Page 3

Bottom Packers & Anchor

81.00

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Drill Pipe

Perforations

Recorder

Recorder

	FLUID S			DRILL STEM TEST REPORT	
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		BS-31W Scott,KS	31-72	006 əis is 4i71 014	ONI' ĐNILSƏ
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Recovery Information

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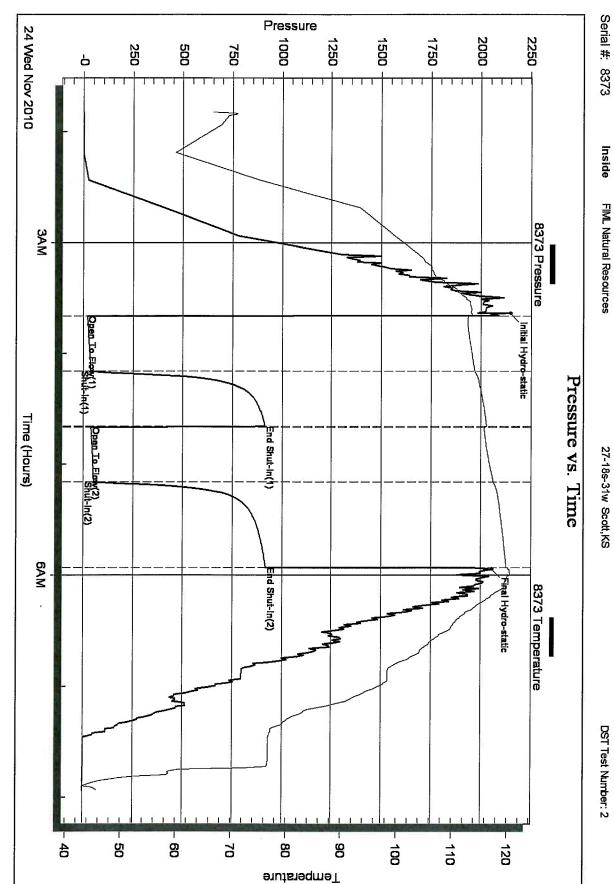
Num Fluid Samples: 0 Laboratory Name: Recovery Comments:

Printed: 2010.12.02 @ 20:46:32 Page 4

Printed: 2010.12.02 @ 20:46:32 Page 5

Ref. No: 040482

Trilobite Testing, Inc



DST Test Number: 2



2010.11.24

0202-250-287 :xst 8774-220-287 :rd PO Box 1733 Hays, KS 67601

f seed 80:74:02 @ 20.21.010S :beining



DRILL STEM TEST REPORT

Prepared For: FIML Natural Resources

Denver, CO 80202 006 91S 1S 41/L 017

ATTN: Gary Doke/ Josh Austi

27-18s-31w Scott,KS

Schwartz 13A-27-1831

DST#: 3 Job Ticket #: 040483 2010.11.25 @ 03:55:41 End Date: Start Date: 2010.11.24 @ 21:41:02

Trilobite Testing, Inc

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Rates		1	Recovery
Annotation Initial Hydro-static Open To Row (1) Shut-In(1) End Shut-In(1) Open To Row (2) (2)	gessure Tessure 34,66 122,33 1076,70 121,20 34,66 173,20 31,51 119,38 18,88 119,38 18,86 119,38 18,86 119,38 18,86 119,38 18,53 119,38 18,86 119,38 18,86 119,38 18,86 119,38 19,53 119,38 19,54 119,39 19,54 119,38<	emiT (.niM) 13 13 13 13 13 13 13 13 13 13	
YAAMMUS 35	PRESSUR		Fressue vs. Time
			EST COMMENT: IF: 1/4 blow built to 1 1/2 in 30 min. IS: No return. FF: Surtace blow built to 1 1/2 in 30 min. FS: No return.
gisq 00.0008 32.11.0105 21:96:52 @ 22.11.0105 21:33:10 @ 32.11.0102		82.11.0102 74:88:50	etial #: 8373 Inside ess@RunDepth: 62.36 psig @ 4281.00 ft (KB) art Date: 2010.11.24 End Date: art Time: 21:41:02 End Time:
evations: 2944.00 ft (KB) 2934.00 ft (CF) to GR/CF: 10.00 ft	Reference E		terval: 4280.00 ft (KB) To 4386.00 ft (KB) (TVD) otal Depth: 4386.00 ft (KB) (TVD) ole Diameter: 7.88 inchesHole Condition: Good
Sonventional Bottom Hole Brandon Turley 35	Tester:		ormation: Marmaton eviated: No Whipstock: ft (KB) me Tool Opened: 23:55:41 me Test Ended: 03:55:41
			ENERAL INFORMATION:
13A-27-1831 v Scott,KS 40483 DST#:3 51:41:24 @ 21:41:02	0 Job Ticket: 0	enver, CO 80	ESTING, INC ESTING, INC FINL Vatural Resources FINL Vatural Resources

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Printed: 2010.12.02 @ 20:47:05 Page 3

Bottom Packers & Anchor

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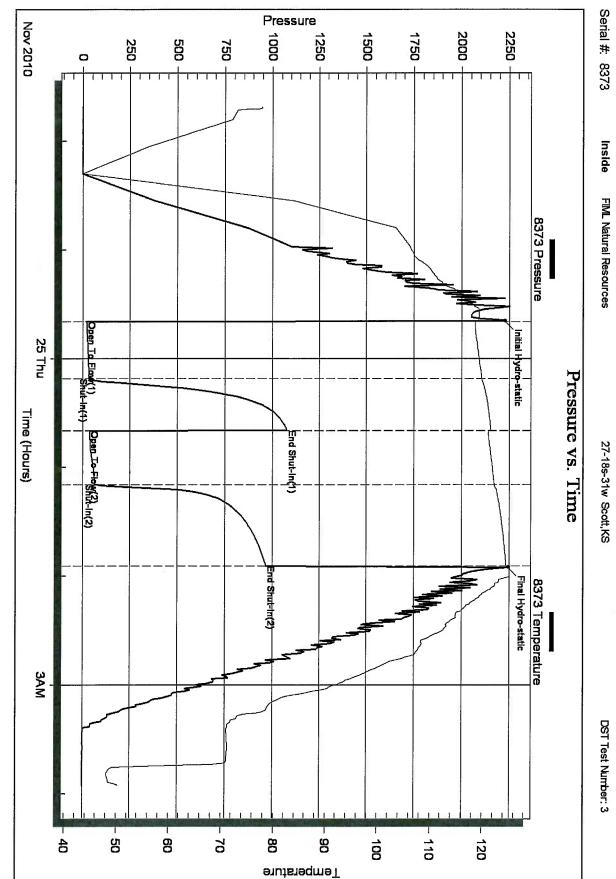
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Recovery Comments:









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DRILL STEM TEST REPORT

Prepared For: FIML Natural Resources

Denver, CO 80202 006 91S 1S 4121 017

ATTN: Gary Doke/ Josh Austi

27-18s-31w Scott,KS

1581-72-AE1 zhewdo2

⊅ #1SO Job Ticket #: 040484 2010.11.26 @ 08:16:54 End Date: Start Date: 2010.11.26 @ 01:22:15

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

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Bottom Packers & Anchor

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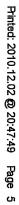
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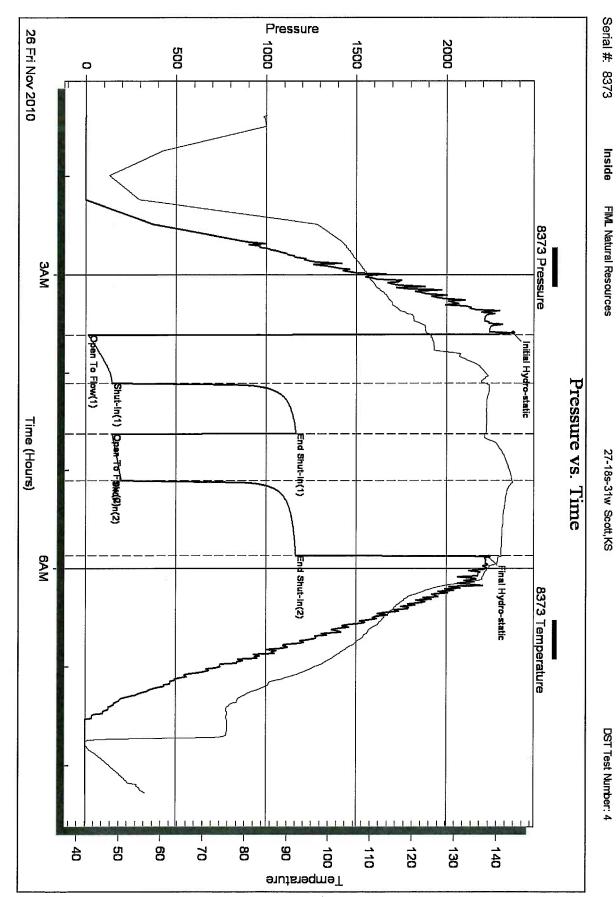
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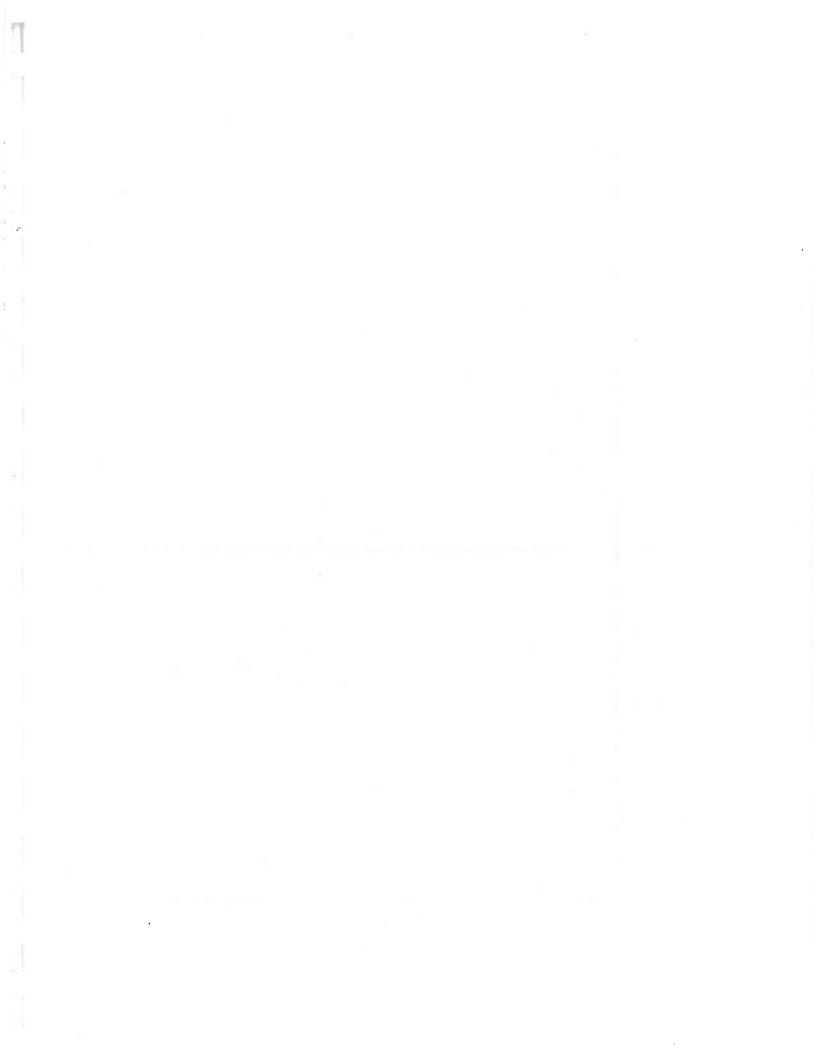
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Ref. No: 040484

Trilobite Testing, Inc





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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, throu, equipment, or its statements or opinion concerning the results of any test is made. Our Representative mo Approved By 58.9501 Sub Total f'osid TSQ/9M □ Accessibility nl-tud2 lisni7 Day Standby **Total** SE. OSEI WOLT ISniT Sub Total Ø Extra Recorder ni-tud2 laitini Extra Copies L Extra Packer neqO lisitini ٤ \mathcal{Q} Ruined Packer Shale Packer Ruined Shale Packer Straddle (H) Final Hydrostatic ZHZZ 🗖 Sampler nl-tude lani7 (D) 996 əpsəliM 🗖 (F) Second Final Flow Comments Hourly Standby (E) Second Initial Flow JuO-T Girc Sub . [D] Initial Shut-In 0 belluq-T D Safety Joint wol'l Isni'l tarii (O) _n9qO-T 8 D Jars (B) First Initial Flow T-Started T-On Location test 🗹 (A) Initial Hydrostatic 00 SZZZ 71 00% mqq E Chlorides Gravity TH8 Rec Total 0 WR I9A 5 421 %water sed% feet of . Dec pnu% 10% 10% seb% Teet of **Dec** pnu% %water SED% Feet of **Dec** pnu% %water 10% SED% Feet of сэен **1916W%** pnu% 10% 1916W% Feet of **Dec** SED% 57005 pnu% 10% Pnul 91 00, 1:0 Du05 U;WOE Hing 94 M019 m Blow Description U;W 04 ing M4 08 Chlorides ppm System Total Depth **NOL** 9008 Bottom Packer Depth. Wt. Pipe Run ٦M 61 Drill Collars Run Top Packer Depth siV Z 64 **Drill Pipe Run** Anchor Length .1W buM 0 beteal levret betef fested SEH UQ7 BUNS 5 .90A .qwT Location: Sec. State Co. Q biЯ Co. Rep / Geo. 1165 Address 20208 Y24101 ar, Elevation Company 'B KB h46 2 hEb .oN test No. Well Name & No. 25 Date S 01-62-01/1 P.O. Box 1733 • Hays, Kansas 67601 18 E87070 'ON ESTING INC. UIDZ 6 2 VON Test Ticket RILOBITE

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