

### Kansas Corporation Commission Oil & Gas Conservation Division

1057740

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 North / South Line of Section				
City: State: Zip:+	Feet from East / West Line of Section				
Contact Person:	Footages Calculated from Nearest Outside Section Corner:				
Phone: ()	□NE □NW □SE □SW				
CONTRACTOR: License #	County:				
Name:	Lease Name: Well #:				
Wellsite Geologist:	Field Name:				
Purchaser:	Producing Formation:				
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:				
New Well Re-Entry Workover	Total Depth: Plug Back Total Depth:				
Oil WSW SWD SIOW Gas D&A ENHR SIGW OG GSW Temp. Abd. CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.):	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: sx cmt				
Operator:					
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)				
Original Comp. Date: Original Total Depth: Original Total Depth: Conv. to ENHR	Chloride content: ppm Fluid volume: bbls  Dewatering method used:				
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:				
Commingled Permit #:	Operator Name:				
Dual Completion Permit #:	Lease Name: License #:				
SWD Permit #:	QuarterSec TwpS. R East West				
ENHR Permit #:	County: Permit #:				
GSW Permit #:					
Spud Date or Date Reached TD Completion Date or Recompletion Date  Recompletion 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 Approved by: Date:						

Side Two



Operator Name:			Lease Name	e:			_ Well #:	
Sec Twp	S. R	East West	County:					
time tool open and clos	sed, flowing and shut s if gas to surface tes	I base of formations per in pressures, whether set, along with final chart well site report.	shut-in pressure	reached s	static level,	hydrostatic press	sures, bottom h	ole temperature, fl
Orill Stem Tests Taken (Attach Additional S		Yes No		Log	Formatio	n (Top), Depth an	d Datum	Sample
Samples Sent to Geolo		☐ Yes ☐ No	N	lame			Тор	Datum
Cores Taken Electric Log Run Electric Log Submitted (If no, Submit Copy)	I Electronically	Yes No Yes No Yes No						
List All E. Logs Run:			RECORD [		Used			
	Size Hole	Report all strings set- Size Casing	-conductor, surface Weight		ate, producti Setting	on, etc.  Type of	# Sacks	Type and Percen
Purpose of String	Drilled	Set (In O.D.)	Lbs. / Ft.		Depth	Cement	Used	Additives
		ADDITIONA	L OFMENTING (	00115575	DECORD			
		ADDITIONA	L CEMENTING / :	SQUEEZE	RECORD			
Purpose:  Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Type of Cement	# Sacks Used	d		Type and F	Percent Additives	
Shots Per Foot PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated				cture, Shot, Cement mount and Kind of Ma	•	d Depth		
TUBING RECORD:	Size:	Set At:	Packer At:	Line	r Run:	Yes No		
Date of First, Resumed I	Production, SWD or ENI	HR. Producing Me	thod:	Gas Li	ift C	Other (Explain)		
Estimated Production Per 24 Hours	Oil E	Bbls. Gas	Mcf	Water	В	bls. (	Gas-Oil Ratio	Gravity
DISPOSITION OF GAS:  METHOD OF COMPLETION:  PRODUCTION INTERVAL:  PRODUCTION INTERVAL:  PRODUCTION INTERVAL:  Open Hole  Open Hole  Open Hole  (Submit ACO-5)  (Submit ACO-4)					ON INTERVAL:			
(If vented, Sub	mit ACO-18.)	Other (Specify)						



TICKET NUMBER LOCATION Oakley Kansas FOREMAN Pet Heister

FIFI D TICKET & TREATMENT DEDOOT HAM

DAIE CUSTOMERY WELL NAME & NUMBER  SECTION TOWNSHIP RANGE COUNTY  715R MICHARD TRUST  DISTORM REPECTAND COLOR MICHARD TRUST  DISTORM REPECTAND COLOR MICHARD TRUST  STATE ZPCODE  TRUCKS DRIVER TRUCKS DRIVER  TRUCKS DR	620-431-9210	or 800-467-8676	LLD HOKE	CEMEN		ORI		
CUSTOMER REMANDA OI COMPANY MALLING ADDRESS  STATE  POODE  TRUCK*  DRIVER  TRUCK*  TRUCK*  DRIVER  TRUCK*  TRUCK*  DRIVER  TRUCK*  TRU	DATE		LL NAME & NUMB			TOWNSHIP	RANGE	COUNTY
RAYMOUNT OIL COMPANY  STATE  TUBING  OTHER  STATE  TUBING  OTHER  STATE  SURRY VOILLY  WATER GAINS IS. S. CEMENT LEFT IN CASING 20'  INTERNAL STATE  STATE  STATE  STATE  STATE  THOMK YOU  RATE  STATE  TUBING  OTHER  STATE  STA	3-21-11	7158 Michen	al Trust		21	18	ลาผ	Line
SINT STATE ZIPCODE  SINT SINT SINT SINT SINT SINT SINT SINT						7		
STATE RIPCODE  HOLE SIZE   Z/4   HOLE DEPTH 256   CASING SIZE & WEIGHT 47/4 ) 7 ##  CASING DEPTH 254   DRILL PIPE   TUBING    SLURRY WEIGHT 15.2   SLURRY VOLL) 21   WATER BAUGH, Li.5   CEMENT LEFT IN CASING 20'    SEPHARRIS: SOFTY RETIRED IN 120x 14 35x CC ) 7 C SEL Reference 9.5    COMPLETE OF THE STATE   DISPLACEMENT PSI   MIX PSI   RATE    EMBARRIS: SOFTY RETIRED IN 120x 14 35x CC ) 7 C SEL Reference 9.5    CIMULATED GOOD COMPLET IN 120x 14 35x CC ) 7 C SEL Reference 9.5    CODE QUANTY OF UNITS   DESCRIPTION OF SERVICES OF PRODUCT   UNIT PRICE   TOTAL    CODE QUANTY OF UNITS   DESCRIPTION OF SERVICES OF PRODUCT   UNIT PRICE   TOTAL    CODE   QUANTY OF UNITS   DESCRIPTION OF SERVICES OF PRODUCT   UNIT PRICE   TOTAL    CODE   QUANTY OF UNITS   DESCRIPTION OF SERVICES OF PRODUCT   UNIT PRICE   TOTAL    CODE   QUANTY OF UNITS   DESCRIPTION OF SERVICES OF PRODUCT   UNIT PRICE   TOTAL    CODE   QUANTY OF UNITS   DESCRIPTION OF SERVICES OF PRODUCT   UNIT PRICE   TOTAL    CODE   QUANTY OF UNITS   DESCRIPTION OF SERVICES OF PRODUCT   UNIT PRICE   TOTAL    CODE   QUANTY OF UNITS   DESCRIPTION OF SERVICES OF PRODUCT   UNIT PRICE   TOTAL    CODE   QUANTY OF UNITS   DESCRIPTION OF SERVICES OF PRODUCT   UNIT PRICE   TOTAL    CODE   QUANTY OF UNITS   DESCRIPTION OF SERVICES OF PRODUCT   UNIT PRICE   TOTAL    CODE   QUANTY OF UNITS   DESCRIPTION OF SERVICES OF PRODUCT   UNIT PRICE   TOTAL    CODE   QUANTY OF UNITS   DESCRIPTION OF SERVICES OF PRODUCT   UNIT PRICE   TOTAL    CODE   QUANTY OF UNITS   DESCRIPTION OF SERVICES OF PRODUCT   UNIT PRICE   TOTAL    CODE   QUANTY OF UNITS   DESCRIPTION OF SERVICES OF PRODUCT   UNIT PRICE   TOTAL    CODE   QUANTY OF UNITS   DESCRIPTION OF SERVICES OF PRODUCT   UNIT PRICE   TOTAL    CODE   QUANTY OF UNITS   DESCRIPTION OF SERVICES OF PRODUCT   UNIT PRICE   TOTAL    CODE   QUANTY OF UNITS   QUANTY OF UNITS    COD	MAILING ADDRE	SS CH COMPANY		- 10 March 1987			TRUCK#	DRIVER
STATE 2PCODE  STATE 2PCODE  HOLE SIZE 12/4 HOLE DEPTH 25/6 CASING SIZE & WEIGHT 4//2 35/4  DASING DEPTH 25/4 DRILL PIPE TUBING OTHER  SURRY WEIGHT 15/2 SLURRY VOL 1/2 WATER GAUGE L. 5 CEMENT LEFT IN CASING 20'  DISPLACEMENT 3.5 beat DISPLACEMENT PSI MIX PSI RATE  REMARKS: 50/4 Meething Mix 1905/45 35/2 27/2 gel Belegis Alug Displace 3.5  DISPLACEMENT 4.5 Depth 25/4 DISPLACEMENT PSI MIX PSI RATE  COME OUANITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL  ACCOUNT CODE OUANITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL  ACCOUNT STATE TO MILEAGE  5401 5 PUMP CHARGE  5407 9.416 Ton Mix Dally Delivery 4/10 cm 4/0 cm  110/4 1/8 5 SK Class A// Cement 1 2 2 3024 2  110/4 76 5 SK Class A// Cement 1 2 2 3024 2  110/4 76 5 SK Class A// Cement 1 2 2 3024 3  110/4 76 5 SK Class A// Cement 1 2 2 3024 3  110/4 76 5 SK Class A// Cement 1 2 2 3024 3  110/4 76 5 SK Class A// Cement 1 2 3024 3  110/4 76 5 SK Class A// Cement 1 2 3024 3  110/4 76 5 SK Class A// Cement 1 2 3024 3  110/4 76 5 SK Class A// Cement 2 3024 3  110/4 76 5 SK Class A// Cement 2 3024 3  110/4 76 5 SK Class A// Cement 3 3024 3  110/4 76 5 SK Class A// Cement 3 3024 3  110/4 76 5 SK Class A// Cement 3 3024 3  110/4 76 5 SK Class A// Cement 3 3024 3  110/4 76 5 SK Class A// Cement 3 3024 3  110/4 76 5 SK Class A// Cement 3 3024 3  110/4 76 5 SK Class A// Cement 3 3024 3  110/4 76 5 SK Class A// Cement 3 3024 3  110/4 76 5 SK Class A// Cement 3 3024 3  110/4 76 5 SK Class A// Cement 3 3024 3  110/4 76 5 SK Class A// Cement 3 3024 3  110/4 76 SK Class A// Cement 3 3024 3  110/4 76 SK Class A// Cement 3 3024 3  110/4 76 SK Class A// Cement 3 3024 3  110/4 76 SK Class A// Cement 3 3024 3  110/4 76 SK Class A// Cement 3 3024 3  110/4 76 SK Class A// Cement 3 3024 3  110/4 76 SK Class A// Cement 3 3024 3  110/4 76 SK Class A// Cement 3 3024 3  110/4 76 SK Class A// Cement 3 3024 3  110/4 76 SK Class A// Cement 3 3024 3  110/4 76 SK Class A// Cement 3 3024 3  110/4 76 SK Class A// Cement 3 3024 3  110/4 76 SK Class A// Cement 3 3024 3		<b>J</b> .		sinte			<del> </del>	<del> </del>
DESCRIPTION OF SERVICES OF PRODUCT  LOCAL TOTAL  ACCOUNT CODE  STUDY OF THE CODE  STUDY OF THE CODE  C	CITY	STATE	ZIP CODE		960	JUSK G	<del> </del>	
DESCRIPTION OF SERVICES OF PRODUCT  LOCAL TOTAL  ACCOUNT CODE  STUDY OF THE CODE  STUDY OF THE CODE  C								
DESCRIPTION OF SERVICES OF PRODUCT  LOCAL TOTAL  ACCOUNT CODE  STUDY OF THE CODE  STUDY OF THE CODE  C	JOB TYPE Sci	Core HOLESIZE I	3 %,	HOLE DEDT	. 327		2561	
SLURRY WEIGHT 15.2 SLURRY VOL 1/18 WATER GOVER L.5 GEMENT LEFT IN CASING 20'  ISPHACEMENT 3.5 bb DISPHACEMENT PSI MIX PSI RATE  REMARKS: SAFTY MERTING THIS 1305 THE		44 12 1	•		1436	CASING SIZE &		
DISPLACEMENT 3.5 bbl DISPLACEMENT PSI MIX PSI RATE  REMARKS: Softy meeting mix 190xth 35acc Diegel Release Plug Displace 2.5  Circulated good cement  Thank your  Pat tare  Code QUANITY or UNITS DESCRIPTION of SERVICES or PRODUCT UNIT PRICE TOTAL  STOCK 10 seri MILEAGE 500 1000  11045 180 5K Class 447 Cement 1109  11095 180 5K Class 447 Cement 1109  11090 3736 Lbs Bentante gel .34 51 20  14433 1 834 1200der Plug 9600  SALESTAX 226,5 85  SALESTAX 226,5 85  SALESTAX 226,5 85  SIMMARED 10000  SALESTAX 226,5 85  SIMMARED 100000  TOTAL  TOTA								,
Thank your Circulated Good Cement  Circulated Good Cement  Composition of Services of Product Unit Price Total Service 125 100 15 1 1 100 100 100 100 100 100 100		The contract of the contract o	NT PSI	MIY DOI	K 6.5		n CASING 20	
Circulated Good Cement  Circulated Good Cement  Thank your fet + Crew of the Cope of the C	REMARKS: <	Sty a salve a	`* 180.#	'> &	. ১% .		, <u>D</u> : -	-1
Circulated Good Cement  Thank your Pat + Crew Code Quanity or units Description of services or product Unit price Total  5401 5   Fump Charge   1625 C	bhi Hac	6000 PST 51	TE TOSES	00 De	e oreget	Helense P	Ing Disp	IGCE 5,5
ACCOUNT CODE DUANITY OF UNITS  DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL  STUD 5  1 PUMP CHARGE  STUD 6  STUD 7  1.416 Ton Mileage  STUD 8  1.40 SK Class M Cement 1/2 3024  1.002 503 Lbs Colonia Chloride 1,54 426 12  1.113 B 3735 Lbs Bentante get 124 51 24  1.1232 1 SK Londer Plus 960 9600  SULTANDER Plus 9600 1032 32  SULTANDER PLUS 1302 324  SULTANDER PLUS 1302 324  SALESTAN 226,55  ESTIMATED TOTAL  1.265 82  SALESTAN 226,55	777	10300	STINE 1	00 70	L			
ACCOUNT CODE DUANITY OF UNITS  DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL  STUD 5  1 PUMP CHARGE  STUD 6  STUD 7  1.416 Ton Mileage  STUD 8  1.40 SK Class M Cement 1/2 3024  1.002 503 Lbs Colonia Chloride 1,54 426 12  1.113 B 3735 Lbs Bentante get 124 51 24  1.1232 1 SK Londer Plus 960 9600  SULTANDER Plus 9600 1032 32  SULTANDER PLUS 1302 324  SULTANDER PLUS 1302 324  SALESTAN 226,55  ESTIMATED TOTAL  1.265 82  SALESTAN 226,55		Circulated	and ca.	+				
ACCOUNT CODE  QUANITY OF UNITS  DESCRIPTION OF SERVICES OF PRODUCT  UNIT PRICE  TOTAL  S401 5  PUMP CHARGE  S406  70 mi  MILEAGE  S407  8, 41 Ton Mile Bulk Delivery  1008  11045  160 5k Class A Cement  1009  11045  1105  3004  1106  1107  1108  3004  1109  1		CITCH ICIEC	Sixta CE	nea!				
ACCOUNT CODE  QUANITY OF UNITS  DESCRIPTION OF SERVICES OF PRODUCT  UNIT PRICE  TOTAL  SUBJECT  TOTAL  1025	-							
ACCOUNT CODE  QUANITY OF UNITS  DESCRIPTION OF SERVICES OF PRODUCT  UNIT PRICE  TOTAL  SUBJECT  TOTAL  PUMP CHARGE  STOCK  TO MI MILEAGE  STOCK  TO MI MILEAGE  STOCK  TO MI MILEAGE  STOCK  TO MI MILEAGE  STOCK  TOTAL  T								
ACCOUNT CODE  QUANITY OF UNITS  DESCRIPTION OF SERVICES OF PRODUCT  UNIT PRICE  TOTAL  SUBJECT  TOTAL  1025				-				
ACCOUNT CODE  QUANITY OF UNITS  DESCRIPTION OF SERVICES OF PRODUCT  UNIT PRICE  TOTAL  SUBJECT  TOTAL  1025					***************************************		1	
DESCRIPTION of SERVICES OF PRODUCT   UNIT PRICE   TOTAL				. 15		(h		
5401 5   PUMP CHARGE   1035 C		QUANITY or UNITS	DES	CRIPTION of	SERVICES or PE	CODUCT	1	
10   10   10   10   10   10   10   10		1			OLIVIOLS OF F			1
10   10   10   10   10   10   10   10				<u> </u>			1035	1025
11045 180 5K Class A cement 12 3024 51 102 503 Lbs Calcula Chloride 184 426 22 1113 B 378 Lbs Bentante gel 124 81 22 96 6 96 6 96 6 96 6 96 6 96 6 96 6	townships) Of			11 0			15	100
1115 B 375 Lbs Bentanite gel 124 81 2  14473 ) 824 1200den Plug 966 966 966 966 966 966 966 966 966 96			10 1 13 V	alk Del	wery		410	410
1115 B 375 Lbs Bentanite gel 124 81 2  14473 ) 824 1200den Plug 966 966 966 966 966 966 966 966 966 96								3024
340/32  340/32  Substate 1  Lesis 20% 1032 54  130 23  SALES TAX 228.55  ESTIMATED 4368 82			100 miles		ride		,84	1436
340/32  Subtots   5162 24  Less 20% -1032 26  130 23  SALES TAX 228.55  ESTIMATED 4368 82			Bentanit	te sel			124	81 =
340/32  Subtots   5162 24  Less 20% -1032 26  130 23  SALES TAX 228.55  ESTIMATED 4368 82	4433		1838 100	nden f	lug		9600	9600
Less 20% -1032 54   130 23   103737								
Less 20% -1032 54   130 23   103737								
Less 20% -1032 54   130 23   103737								
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SALES TAX 228.55  ESTIMATED  TOTAL 4368 82						,		1
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SALES TAX 228.55  ESTIMATED  TOTAL 4368 82				dy	<del>0190</del>			
UP SS 20% -1032 34 4130 33 SALES TAX 228.55 ESTIMATED TOTAL 4358 82					. <	1 states	T	510 79
SALES TAX 228.55  ESTIMATED  TOTAL 4358 82							209	2107
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ESTIMATED 4358 82							CALECTAV	1100
TOTAL   4358 82	vin 3737	1. 1.	-					1 000.55
	UTHORIZTION	La Wale		<u>.</u>				4358.83

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form



## CONSOLIDATED

Oil Well Services, LLC

TICKET NUM	BER	30	5723
LOCATION_	Oas	lev	Ks
FOREMAN	7 1	116	7.7.1

PO Box 884,	Cha	nute,	KS	66720
620-431-9210				

## FIFI D TICKET & TREATMENT REPORT

الرا رايا

	Manue, KS 007		· CEI GITTEA		O I ( I		
	or 800-467-8676		CEMEN	T			
DATE	CUSTOMER#	WELL NAME &	NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
3-29-11 CUSTOMER	7158	Michairl	Trust	21	185	274	Lane
	<i>p</i> -						
17 CX	mand Oil	Co True		TRUCK#	DRIVER	TRUCK#	DRIVER
MAILING ADDR	ESS			523-T127	CRC. 1 Pu	la-	
CITY		07170		456-T118	1		
CIT		STATE ZIP COD	E	460	Just tich	4 20101 - 20100	
	,				King		
		HOLE SIZE 771/	HOLE DEPTH	4725		VEIGHT 51/2	- j4#=
	4679.96		TUBING				- 2048
SLURRY WEIG	HT 14.2-12.8	SLURRY VOL	WATER gal/s	k	CEMENT LEFT in		
DISPLACEMEN	T_1143BBL	DISPLACEMENT PSI 80	MIX PSI			BPin	•
REMARKS:	Setety Buce	ting, Run Flor	+ Excess. C	Pout #1-3	-7-11-13	-61	
Besketo	11 62 , DY	Teclon 62, Bis	rak Cur , n	HIX 175 8	Ks 69kings	7/2/25	14.78/1.
Claur P	amy Line	Displace La	+ BBC HOO	4 50 BBZ		er times	icale a
Plaza	12cott re	leased Pressur	e Flort Hel	O. Drepo	178-224- to	a la lesson	ADE
Toolike	rice Civic.	mixed 30 sks	in A.H. 12	11x011470	SKS EGUEST	28/10	WH Flo
Cleen	Pomptein	s, released 1	Pluc + Displ	lecod 50 T	336 7 50	Cottober 1	and for
Plue Z	21500# J	eleased Die	ssere Teril	bie lal		2 -1418	- COLORD
		Coment Die	Circ-				

		11	renk low Welt & Crow
ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE TOTAL
5401P	1	PUMP CHARGE	2950° 2950° cc
5406	30	MILEAGE	2950 <sup>50</sup> 2950.00 5.00 150 00
1131	175 SKS	69/40 por Bottom Stage	14 35 2.511 25
1131	500 - sks	eggo por, Top Stage	199 11.175
1111	645#	Solt	42 27c 90
1118 13	3740 #	Bontonto	1 24 89760
1107	125 #	Flo-See	766 33756
41.59		5/2 AFL Flort Shee	413 413
4130	6	5/2 Contralizers	58 00 348 00
4104		Barket	22/25 27/25
4283		DV Tacil	3850 50 3850 50 159 1,376 10
5407A	29.03	Ten Milesse Delivery	3850 50 3850 50 159 1,376 10
		240263	20,5503
	-	Less 20% Disc	- 4,110°2 16,440°28
			SALES TAX 1012. 6
Ravin 3737	11 A	Engal.	TOTAL 17452.9

FORMEN TITLE DATE

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this for





TICKET NUMBER	30740
LOCATION OAK	هر
FOREMAN THE	~ · ·

PO Box 884, Chanute, KS 66720 620-431-9210 or 800-467-8676

## FIELD TICKET & TREATMENT REPORT

020-431-3210	01 000-407-007	•	CEMEN	1			
DATE	CUSTOMER#			SECTION	TOWNSHIP	RANGE	COUNTY
4-12-11	7158	michaud #	2	21	185	270	LANE
ICUSTOMER					LECTION SALVES		epitale and tall
	rond o'	. ( 6.		TRUCK#	DRIVER	TRUCK#	DRIVER
MAILING ADDRE	ESS		7	463	miles5	LAW	
				558	Tim U	ں	
ĆΊΙΑ		STATE ZIP CODE			DAMON		
JOB TYPE_ 1-	inch	HOLE SIZE	 _ HOLE DEPTH		CASING SIZE & W	/EIGHT	
CASING DEPTH		DRILL PIPE	TUBING	10		OTHER	
SLURRY WEIGH	IT_12.5	SLURRY VOL 1.98	WATER gal/s	k_10.8	CEMENT LEFT in	CASING	
DISPLACEMENT	Γ	DISPLACEMENT PSI	MIX PSI		RATE		
REMARKS:	5 a Cety	meeting @	Prose.	STIONAL	Pulling	541-1-4	
W,'2	755KS	60140 8905	el 'lu	L CloseA	1. Pull	1-10-	h
	& Yole		oan,				
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(2)	07177	· CEARCEIC	010	e/1500	416		
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ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401 5	\	PUMP CHARGE	1025	10250
5406	30	MILEAGE	2 00	1500
1131	75	60140 pos	1435	10762
1118 A	516#	Bendonite	124	123 84
1107	19 #	510-5+01	7 60	50 54
5407	3.22 Tons		<u> </u>	41000
		Subtod	٨١	2835
	- Marian	120,3 20900	15-acnt	567 13
		5.5 40401		2268 5
		240573		
				/1.0
vin 3737	A #	P	SALES TAX ESTIMATED	63.02
	10/1		TOTAL	2331.52
UTHORIZTION		TITLE	DATE	

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.



Prepared For:

Raymond Oil Co., Inc.

PO Box 48788

Wichita KS 67201-8788

ATTN: Kim Shoemaker

## S21-18s-27w Lane, KS

## #2 Michaud Trust

Start Date: 2011.03.25 @ 16:40:00

End Date:

2011.03.26 @ 00:46:00

Job Ticket #: 041174

DST#: 1

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



Raymond Oil Co., Inc.

#2 Michaud Trust

S21-18s-27w Lane, KS

PO Box 48788

Wichita KS 67201-8788

Job Ticket: 041174

DST#: 1

ATTN: Kim Shoemaker

Test Start: 2011.03.25 @ 16:40:00

#### GENERAL INFORMATION:

Time Tool Opened: 19:13:24

Time Test Ended: 00:46:00

Formation:

LKC 220

Deviated:

No Whipstock:

ft (KB)

Test Type:

Conventional Bottom Hole

Tester:

Chuck Smith

Unit No:

2701.00 ft (KB)

Reference Elevations:

2692.00 ft (CF)

KB to GR/CF:

9.00 ft

Interval: Total Depth: Hole Diameter:

4300.00 ft (KB) (TVD)

7.88 inchesHole Condition: Good

Serial #: 8018 Press@RunDepth:

Inside

97.95 psig @

16:40:05

4267.00 ft (KB)

2011.03.26

Capacity:

8000.00 psig

Start Date: Start Time: 2011.03.25

4265.00 ft (KB) To 4300.00 ft (KB) (TVD)

End Date: End Time:

00:45:59

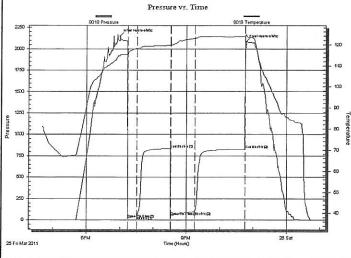
Last Calib .: Time On Btm: 2011.03.26

Time Off Btm:

2011.03.25 @ 18:59:12 2011.03.25 @ 22:46:24

TEST COMMENT: IF: B.O.B. @ 8 min. (Tool took 12 minutes to open)

ISI: 1/2" Surface return. FF: B.O.B. @ 3 min. FSI: 1/2" Surface return.



	PRESSURE SUMMARY								
	Time	Pressure	Temp	Annotation					
	(Min.)	(psig)	(deg F)						
	0	2148.21	114.70	Initial Hydro-static					
	15	19.99	114.71	Open To Flow (1)					
	31	45.54	118.06	Shut-In(1)					
	92	833.78	119.67	End Shut-In(1)					
Tem	93	47.90	119.27	Open To Flow (2)					
Temperature	137	97.95	123.04	Shut-In(2)					
Te .	226	828.51	123.70	End Shut-In(2)					
	228	2082.11	124.59	Final Hydro-static					

#### Recovery

Length (ft)	Description	Volume (bbl)
94.00	GOCM 15g 20o 65m	1.32
126.00	GOCM 10g 15o 75m with emulsion	1.77
0.00	30 Feet GIP	0.00
	Habitation 1992	

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

Trilobite Testing, Inc.

Ref. No: 041174

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TOOL DIAGRAM

Raymond Oil Co., Inc.

PO Box 48788 Wichita KS 67201-8788 \$21-18s-27w Lane, KS

Job Ticket: 041174

#2 Michaud Trust

DST#: 1

ATTN: Kim Shoemaker

Test Start: 2011.03.25 @ 16:40:00

Tool Information

Drill Pipe: Heavy Wt. Pipe: Length:

Length: 4259.00 ft Diameter: Length:

0.00 ft Diameter: 0.00 ft Diameter:

3.80 inches Volume: 0.00 inches Volume: 2.25 inches Volume:

Total Volume:

59.74 bbl 0.00 bbl 0.00 bbl 59.74 bbl Tool Weight: Weight set on Packer: 25000.00 lb

2100.00 lb

Weight to Pull Loose: 80000.00 lb

Tool Chased String Weight: Initial 60000.00 lb

0.00 ft

Final 62000.00 lb

Drill Pipe Above KB: Depth to Top Packer:

4265.00 ft Depth to Bottom Packer: ft

Interval between Packers: Tool Length:

Drill Collar:

35.00 ft 57.50 ft

16.50 ft

2 Diameter:

6.75 inches

Number of Packers: Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			4243.50		
Shut In Tool	5.00			4248.50		
Hydraulic tool	5.00			4253.50		
Safety Joint	2.50			4256.00		
Packer	5.00			4261.00	22.50	Bottom Of Top Packer
Packer	4.00	0.000		4265.00		
Stubb	1.00			4266.00		
Perforations	1.00			4267.00		
Recorder	0.00	8018	Inside	4267.00		
Recorder	0.00	6751	Outside	4267.00		
Perforations	30.00			4297.00		
Bullnose	3.00			4300.00	35.00	Bottom Packers & Anchor

Total Tool Length:

57.50



FLUID SUMMARY

Raymond Oil Co., Inc.

#2 Michaud Trust

PO Box 48788

S21-18s-27w Lane, KS

Wichita KS 67201-8788

ATTN: Kim Shoemaker

Job Ticket: 041174

DST#: 1

Test Start: 2011.03.25 @ 16:40:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

Water Salinity:

0 deg API

Mud Weight:

9.00 lb/gal

Cushion Length:

ft

Viscosity: Water Loss: 63.00 sec/qt

Cushion Volume:

bbl

0 ppm

Resistivity:

7.18 in<sup>3</sup> 0.00 ohm.m Gas Cushion Type:

Gas Cushion Pressure:

psig

Salinity: Filter Cake: 3500.00 ppm 1.00 inches

### Recovery Information

#### Recovery Table

Length ft	Description	Volume bbl
94.00	GOCM 15g 20o 65m	1.319
126.00	GOCM 10g 15o 75m with emulsion	1.767
0.00	30 Feet GIP	0.000

Total Length:

220.00 ft

Total Volume:

3.086 bbl

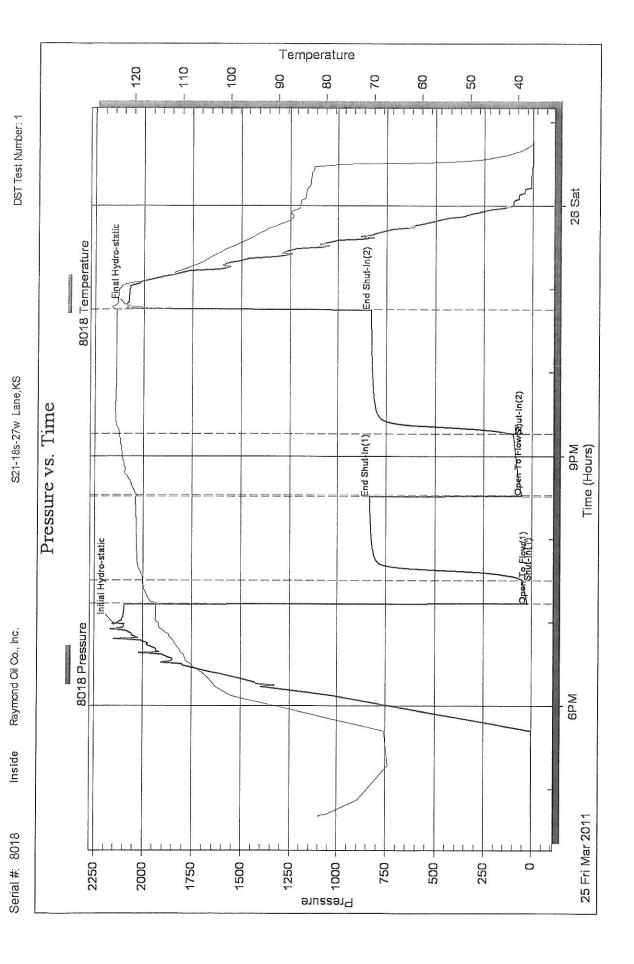
Num Fluid Samples: 0 Laboratory Name:

Num Gas Bombs:

Laboratory Location:

Serial #:

Recovery Comments:



Trilobite Testing, Inc

Ref. No: 041174

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Prepared For:

Raymond Oil Co., Inc.

PO Box 48788

Wichita KS 67201-8788

ATTN: Kim Shoemaker

S21-18s-27w Lane,KS

### #2 Michaud Trust

Start Date: 2011.03.26 @ 21:42:00

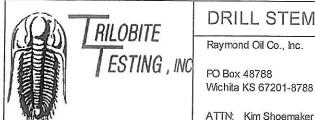
End Date:

2011.03.27 @ 05:32:47

Job Ticket #: 041175

DST#: 2

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



Raymond Oil Co., Inc.

#2 Michaud Trust

PO Box 48788

Wichita KS 67201-8788

S21-18s-27w Lane, KS

Job Ticket: 041175

DST#: 2

Test Start: 2011.03.26 @ 21:42:00

#### GENERAL INFORMATION:

Time Tool Opened: 23:55:48

Time Test Ended: 05:32:47

Formation:

Interval:

Marmaton / Ft. Scott

Deviated:

Whipstock:

4303.00 ft (KB) To 4515.00 ft (KB) (TVD)

ft (KB)

Test Type: Conventional Bottom Hole

Tester:

Chuck Smith

Unit No:

37

Reference Elevations:

2701.00 ft (KB)

2692.00 ft (CF)

KB to GR/CF:

9.00 ft

Total Depth: Hole Diameter:

4515.00 ft (KB) (TVD)

7.88 inches Hole Condition: Good

Serial #: 8018 Press@RunDepth:

Inside

153.97 psig @

4305.00 ft (KB)

Capacity:

8000.00 psig

Start Date: Start Time:

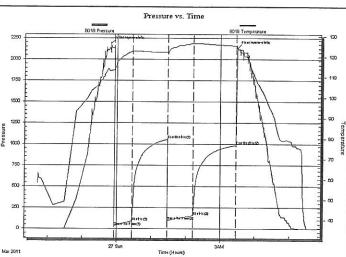
2011.03,26 21:42:05 End Date: End Time: 2011.03.27 05:32:48 Last Calib.:

2011.03.27

Time On Btm: Time Off Btm: 2011.03.26 @ 23:49:24 2011.03.27 @ 03:29:36

TEST COMMENT: IF: B.O.B. @ 12 min.

ISI: 1/2" Surface return. FF: B.O.B. @ 18 min. FSI: 2" Return, died @ 40 min.



	PRESSURE SUMMARY						
0	Time	Pressure	Temp	Annotation			
0	(Min.)	(psig)	(deg F)				
•	0	2189.20	113.17	Initial Hydro-static	1		
0	7	30.51	113.07	Open To Flow (1)	1		
,	37	87.02	122.72	Shut-In(1)			
	99	1055.19	122.16	End Shut-In(1)			
Tem	99	95.44	121.70	Open To Flow (2)	1		
Temperature	144	153.97	126.46	Shut-In(2)	1		
are	219	987.57	125.37	End Shut-In(2)			
	221	2135.98	123.63	Final Hydro-static	8		
					- 1		
- 1							
- 1					- 1		

#### Recovery

Length (ft)	Description	Volume (bbl)
0.00	RW:.175 @ 70 Degrees F = 40000	PP0.00
115.00	GOCM 5g 10o 85m	1.61
61.00	GOCMW 10g 5o 15m 70w	0.86
124.00	OSMW 30m 70w	1.74

Gas Rates

Choke (inches) Pressure (psig)

Gas Rate (Mcf/d)

Trilobite Testing, Inc.

Ref. No: 041175

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TOOL DIAGRAM

Raymond Oil Co., Inc.

#2 Michaud Trust

PO Box 48788 Wichita KS 67201-8788 S21-18s-27w Lane, KS

Job Ticket: 041175

ATTN: Kim Shoemaker

Test Start: 2011.03.26 @ 21:42:00

Tool Information

Drill Pipe:

Length: 4292.00 ft Diameter:

3.80 inches Volume:

60.21 bbl

Tool Weight:

2100.00 lb

Heavy Wt. Pipe: Length: Drill Collar:

Length:

0.00 ft Diameter: 0.00 ft Diameter: 0.00 inches Volume: 2.25 inches Volume:

0.00 bbl 0.00 bbl Weight set on Packer: 30000.00 lb Weight to Pull Loose: 70000.00 lb

Total Volume:

Tool Chased 60.21 bbl

0.00 ft

Depth to Top Packer:

16.50 ft 4303.00 ft

String Weight: Initial 62000.00 lb

Depth to Bottom Packer: Interval between Packers: 212.00 ft

ft

Final 65000.00 lb

Tool Length: Number of Packers:

Drill Pipe Above KB:

239.50 ft

Diameter:

6.75 inches

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			4276.50		
Shut In Tool	5.00			4281.50		
Hydraulic tool	5.00			4286.50		
Jars	5.00			4291.50		
Safety Joint	2.50			4294.00		
Packer	5.00			4299.00	27.50	Bottom Of Top Packer
Packer	4.00			4303.00		
Stubb	1.00			4304.00		
Perforations	1.00			4305.00		
Recorder	0.00	8018	Inside	4305.00		
Recorder	0.00	6751	Outside	4305.00		
Perforations	20.00			4325.00		
Change Over Sub	1.00			4326.00		
Drill Pipe	185.00			4511.00		
Change Over Sub	1.00			4512.00		
Bullnose	3.00			4515.00	212.00	Bottom Packers & Anchor
Total Tool Length	239.50					



**FLUID SUMMARY** 

Raymond Oil Co., Inc.

#2 Michaud Trust

PO Box 48788

Wichita KS 67201-8788

ATTN: Kim Shoemaker

S21-18s-27w Lane, KS

Job Ticket: 041175

DST#: 2

Test Start: 2011.03.26 @ 21:42:00

#### Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight:

9.00 lb/gal

Viscosity: Water Loss: 53.00 sec/qt 7.98 in<sup>3</sup>

Resistivity: Salinity:

0.00 ohm.m 2000.00 ppm

Filter Cake:

1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

bbl psig

ft

Oil API:

Water Salinity:

36 deg API 40000 ppm

#### Recovery Information

#### Recovery Table

Length ft	Description	Volume bbl
0.00	RW:.175 @ 70 Degrees F = 40000 PPM	0.000
115.00	GOCM 5g 10o 85m	1.613
61.00	GOCMW 10g 5o 15m 70w	0.856
124.00	OSMW 30m 70w	1.739

Total Length:

300.00 ft

Total Volume:

4.208 bbl

0

Num Fluid Samples: 0

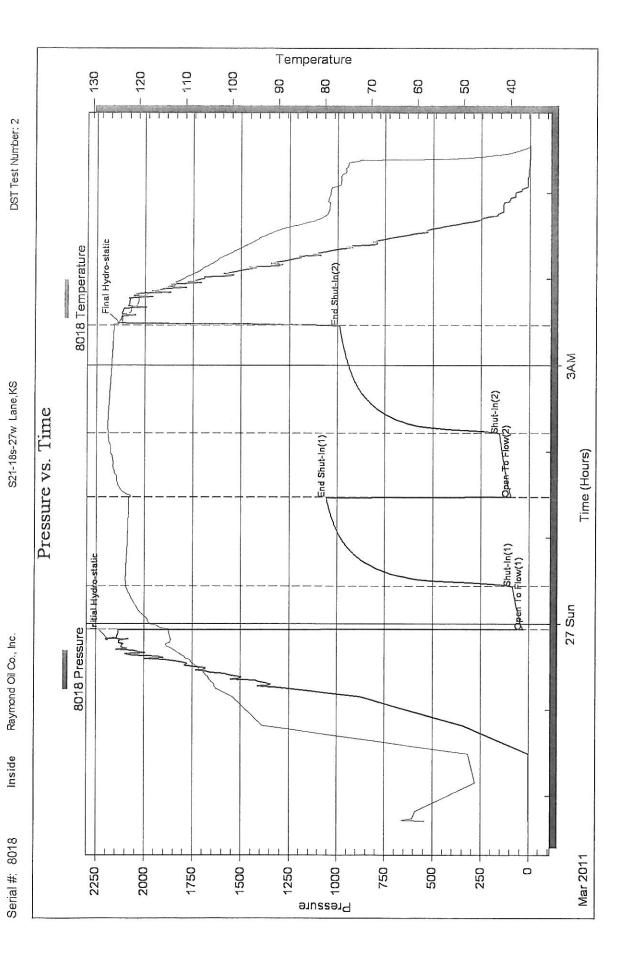
Num Gas Bombs:

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: API: 34 @ 40 Degrees F = 36



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Prepared For:

Raymond Oil Co., Inc.

PO Box 48788

Wichita KS 67201-8788

ATTN: Kim Shoemaker

## S21-18s-27w Lane, KS

#### #2 Michaud Trust

Start Date: 2011.03.27 @ 17:02:00

End Date:

2011.03.28 @ 02:30:12

Job Ticket #: 042126

DST#: 3

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



Raymond Oil Co., Inc.

#2 Michaud Trust

PO Box 48788

Wichita KS 67201-8788

ATTN: Kim Shoemaker

S21-18s-27w Lane, KS

Job Ticket: 042126

DST#:3

Test Start: 2011.03.27 @ 17:02:00

#### GENERAL INFORMATION:

Time Tool Opened: 19:26:48

Time Test Ended: 02:30:12

Formation:

Sand

Deviated:

No

Whipstock:

ft (KB)

Test Type: Conventional Bottom Hole

Tester:

Chuck Smith

Unit No:

Reference Elevations:

2701.00 ft (KB)

2692.00 ft (CF)

KB to GR/CF:

Interval: Total Depth: 4532.00 ft (KB) To 4582.00 ft (KB) (TVD)

4582.00 ft (KB) (TVD)

7.88 inches Hole Condition: Good

9.00 ft

Serial #: 8018 Press@RunDepth:

Hole Diameter:

Inside

687.35 psig @

4536.00 ft (KB)

Capacity:

8000.00 psig

Start Date: Start Time: 2011.03.27 17:02:05 End Date: End Time:

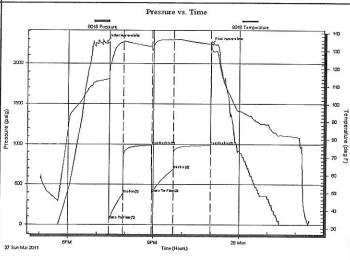
2011.03.28 02:30:11 Last Calib.:

2011.03.28

Time On Btm: Time Off Btm: 2011.03.27 @ 19:21:24 2011.03.27 @ 23:00:00

TEST COMMENT: IF: B.O.B. @ 4 min.

ISI: 5" Return. FF: B.O.B. @ 4 min. FSI: No return.



### PRESSURE SUMMARY

		Г	KESSUR	C SUMMARY	
i	Time	Pressure	Temp	Annotation	
	(Min.)	(psig)	(deg F)		
	0	2274.26	113.99	Initial Hydro-static	
,	6	62.91	116.29	Open To Flow (1)	
)	35	383.69	134.99	Shut-In(1)	
,	95	984.82	132.47	End Shut-In(1)	
Temperature (deg F)	96	395.72	132.05	Open To Flow (2)	
rature	140	687.35	136.31	Shut-In(2)	
(deg	218	984.12	133.95	End Shut-In(2)	
ŋ	219	2239.88	134.33	Final Hydro-static	
				-	

#### Recovery

938.00 GO 30g 70o 125.00 GOCM 10g 5o 85m Emulsi	13.16 ion 1.75
125.00 GOCM 10g 5o 85m Emulsi	ion 1.75
	1.75
787.00 GO 40g 60o	11.04
0.00 93 Feet GIP	0.00

#### Gas Rates

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

Trilobite Testing, Inc

Ref. No: 042126

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TOOL DIAGRAM

Raymond Oil Co., Inc.

#2 Michaud Trust

PO Box 48788 Wichita KS 67201-8788 S21-18s-27w Lane, KS

Job Ticket: 042126

DST#:3

ATTN: Kim Shoemaker

Test Start: 2011.03.27 @ 17:02:00

Tool Information

Drill Pipe:

Length: 4536.00 ft Diameter:

3.80 inches Volume:

63.63 bbl

Tool Weight:

2500.00 lb

Heavy Wt. Pipe: Length:

0.00 ft Diameter:

0.00 inches Volume:

1dd 00.0

Weight set on Packer: 30000.00 lb

Drill Collar:

Length:

0.00 ft Diameter:

2.25 inches Volume: Total Volume:

1dd 00.0 63.63 bbl

Weight to Pull Loose: 80000.00 lb

Drill Pipe Above KB:

31.50 ft

Tool Chased

0.00 ft

Depth to Top Packer:

4532.00 ft ft

String Weight: Initial 62000.00 lb

Depth to Bottom Packer: Interval between Packers:

50.00 ft

Final 70000.00 lb

Tool Length: Number of Packers: 77.50 ft 2

Diameter:

6.75 inches

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum, Lengths	
Change Over Sub	1.00			4505.50		
Shut In Tool	5.00			4510.50		
Hydraulic tool	5.00			4515.50		
Jars	5.00			4520.50		
Safety Joint	2.50			4523.00		
Packer	5.00			4528.00	27.50	Bottom Of Top Packer
Packer	4.00			4532.00		
Stubb	1.00			4533.00		
Perforations	3.00			4536.00		
Recorder	0.00	8018	Inside	4536.00		
Recorder	0.00	6751	Outside	4536.00		
Perforations	10.00			4546.00		
Change Over Sub	1.00			4547.00		
Drill Pipe	31.00			4578.00		
Change Over Sub	1.00			4579.00		
Bullnose	3.00			4582.00	50.00	Bottom Packers & Anchor

Total Tool Length:

77.50



**FLUID SUMMARY** 

Raymond Oil Co., Inc.

#2 Michaud Trust

PO Box 48788

S21-18s-27w Lane, KS

Wichita KS 67201-8788

Job Ticket: 042126

DST#:3

ATTN: Kim Shoemaker

Test Start: 2011.03.27 @ 17:02:00

#### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

Water Salinity:

37 deg API

Mud Weight:

9.00 lb/gal

Cushion Length:

ft

Viscosity:

52.00 sec/qt

Cushion Volume:

bbl

0 ppm

Water Loss: Resistivity:

7.98 in<sup>3</sup> 0.00 ohm.m

Gas Cushion Type:

Gas Cushion Pressure:

psig

Salinity: Filter Cake:

3800.00 ppm 1.00 inches

## Recovery Information

#### Recovery Table

Length ft	Length Description ft	
938.00	GO 30g 70o	13.158
125.00	GOCM 10g 5o 85m Emulsion	1.753
787.00	GO 40g 60o	11.040
0.00	93 Feet GIP	0.000

Total Length:

1850.00 ft

Total Volume:

bbl

Num Fluid Samples: 0

Num Gas Bombs:

Serial #:

Laboratory Name:

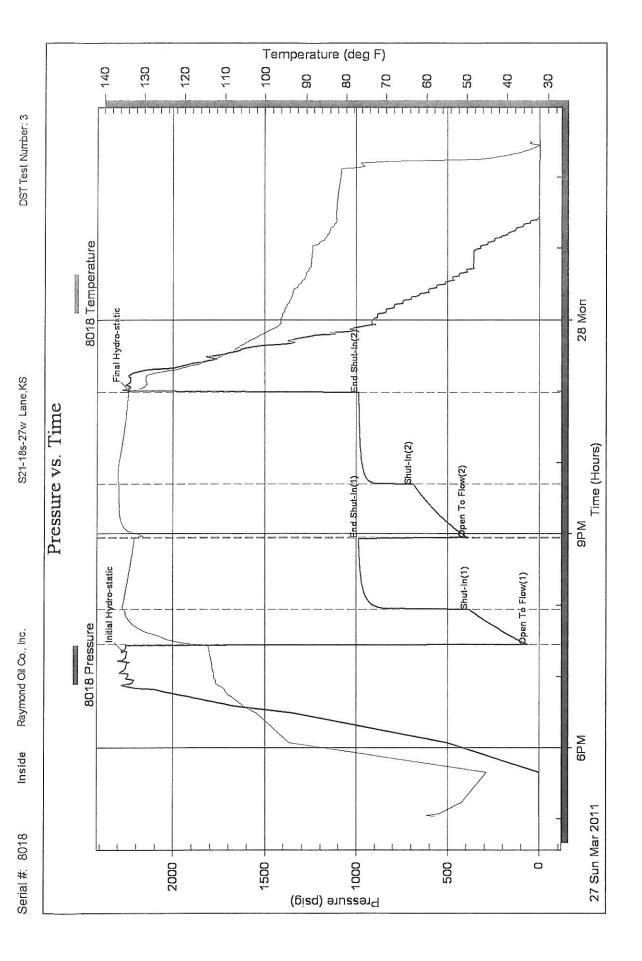
Laboratory Location:

Recovery Comments: API: 34 @ 30 Degrees F = 37.

Trilobite Testing, Inc

Ref. No: 042126

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Ref. N

Trilobite Testing, Inc

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