



DRILL STEM TEST REPORT

Prepared For: **Bach Oil Production**

P O Box 723
Alma, NE 68920-0723

ATTN: Jason Bach

11-7s-20w Rooks,KS

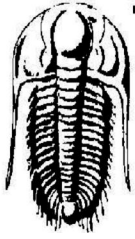
Sammon #1

Start Date: 2010.10.24 @ 05:40:49

End Date: 2010.10.24 @ 12:53:43

Job Ticket #: 40867 DST #: 1

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

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Bach Oil Prodction
P O Box 723
Alma, NE 68920-0723
ATTN: Jason Bach

Sammon #1
11-7s-20w Rooks,KS
Job Ticket: 40867 **S#1**
Test Start: 2010.10.24 @ 05:40:49

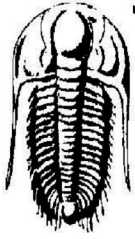
Tool Information

Drill Pipe:	Length: 3268.00 ft	Diameter: 3.80 inches	olme: 45.84 bbl	Tool eight:	2200.00 lb
Heay t. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	olme: 0.00 bbl	eight set on Packer:	25000.00 lb
Drill collar:	Length: 0.00 ft	Diameter: 0.00 inches	olme: 0.00 bbl	eight to Pll Loose:	55000.00 lb
			<u>Total olme: 45.84 bbl</u>	Tool hased	0.00 ft
Drill Pipe Aboe KB:	7.00 ft			String eight: Initial	41000.00 lb
Depth to Top Packer:	3282.00 ft			Final	43000.00 lb
Depth to Bottom Packer:	ft				
Interal beteen Packers:	93.00 ft				
Tool Length:	114.00 ft				
Nmber of Packers:	2	Diameter: 6.75 inches			
Tool omments:					

ool	cription	n	th	Serial	o	Position	th	th	ccum	n	ths
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ool	cription	n	th	Serial	o	Position	th	th	ccum	n	ths
	hange Oer Sb	1.00					3262.00				
	Sht In Tool	5.00					3267.00				
	Hydraulic tool	5.00					3272.00				
	Packer	5.00					3277.00	21.00			Bottom Of Top Packer
	Packer	5.00					3282.00				
	Stbb	1.00					3283.00				
	Perforations	4.00					3287.00				
	Blank Spacing	65.00					3352.00				
	Recorder	0.00	6625		Inside		3352.00				
	Recorder	0.00	8652		Otside		3352.00				
	Perforations	20.00					3372.00				
	BlInose	3.00					3375.00	93.00			Bottom Packers Anchor

total ool n th 1100



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P O Box 723
Alma, NE 68920-0723
ATTN: Jason Bach

Sammon #1
11-7s-20w Rooks,KS
Job Ticket: 40867 **S□#1**
Test Start: 2010.10.24 @ 05:40:49

Mud and Cushion Information

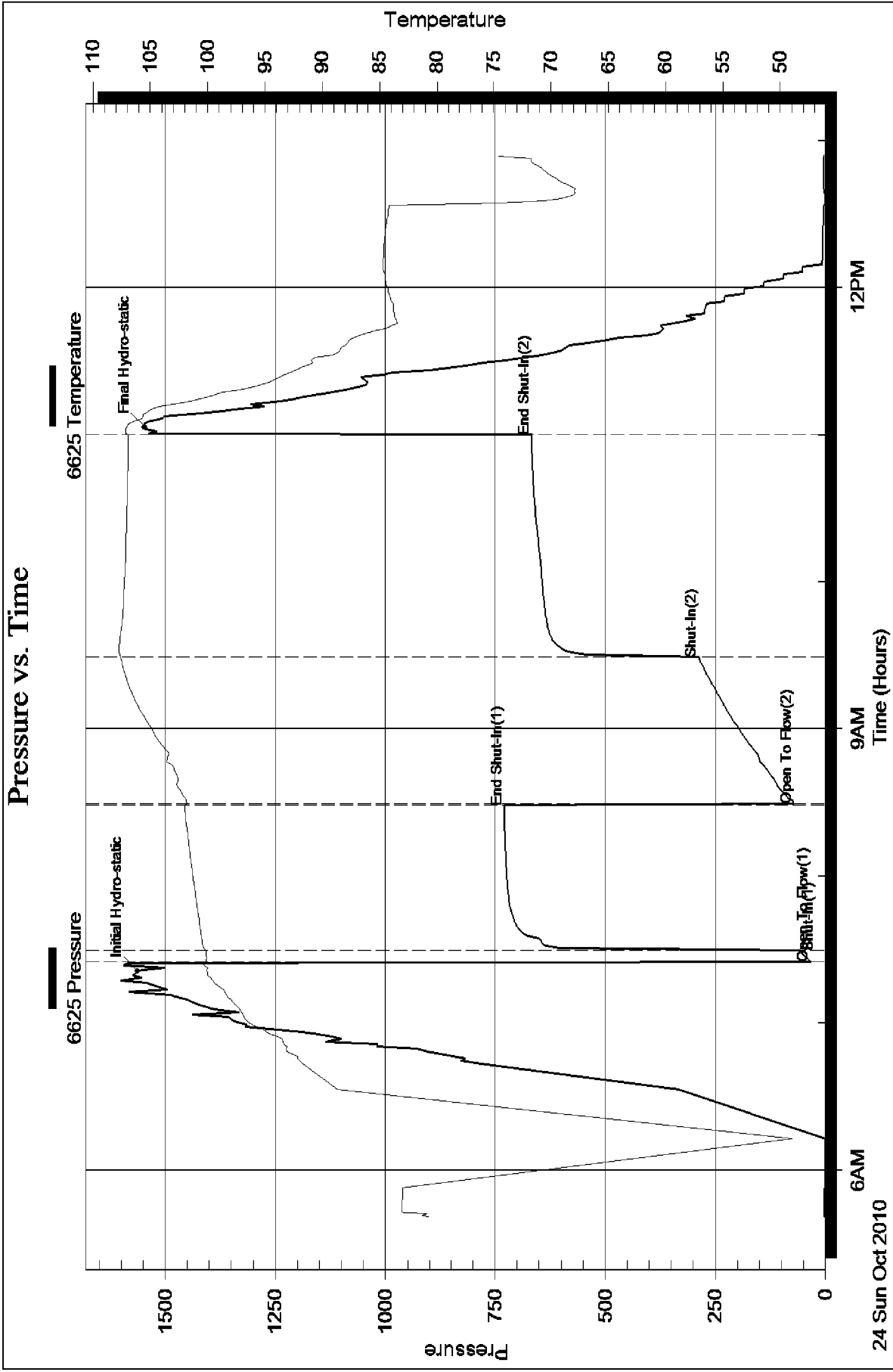
Md Type:	el hem	shion Type:		Oil API:	31 deg API
Md eight:	9.00 lbgal	shion Length:	ft	ater Salinity:	30000 ppm
iscosity:	51.00 sect	shion olme:	bbbl		
ater Loss:	8.73 in	as shion Type:			
Resistiity:	ohm.m	as shion Presse:	psig		
Salinity:	1000.00 ppm				
Filter ake:	1.00 inches				

R□co□□r□ Information

Recoery Table

Length ft	Description	olme bbbl
10.00	O	0.140
140.00	MO 45M55O	1.964
248.00	OM 10O3060M	3.479
62.00	OM 5O10M85	0.870
124.00	ater	1.739

Total Length: 584.00 ft Total olme: 8.192 bbl
Nm Flid Samples: 0 Nm as Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recoery omments: R .23@70F





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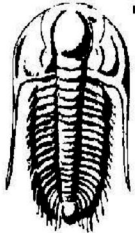
Sammon #1

Start Date: 2010.10.25 @ 02:48:08

End Date: 2010.10.25 @ 09:38:32

Job Ticket #: 40867 DST #: 2

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



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Bach Oil Prodction
P O Box 723
Alma, NE 68920-0723
ATTN: Jason Bach

Sammon #1
11-7s-20w Rooks,KS
Job Ticket: 40867 **S#12**
Test Start: 2010.10.25 @ 02:48:08

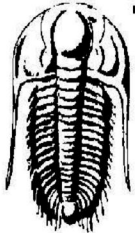
Tool Information

Drill Pipe:	Length: 3422.00 ft	Diameter: 3.80 inches	olme: 48.00 bbl	Tool eight:	2200.00 lb
Heay t. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	olme: 0.00 bbl	eight set on Packer:	25000.00 lb
Drill collar:	Length: 0.00 ft	Diameter: 0.00 inches	olme: 0.00 bbl	eight to Pll Loose:	50000.00 lb
			<u>Total olme: 48.00 bbl</u>	Tool hased	0.00 ft
Drill Pipe Aboe KB:	5.00 ft			String eight: Initial	38000.00 lb
Depth to Top Packer:	3438.00 ft			Final	38000.00 lb
Depth to Bottom Packer:	ft				
Interal beteen Packers:	87.00 ft				
Tool Length:	108.00 ft				
Nmber of Packers:	2	Diameter: 6.75 inches			
Tool omments:					

ool cription nth ft Serial oo Position th ft ccumnth

hange Oer Sb	1.00			3418.00		
Sht In Tool	5.00			3423.00		
Hydraulic tool	5.00			3428.00		
Packer	5.00			3433.00	21.00	Bottom Of Top Packer
Packer	5.00			3438.00		
Stbb	1.00			3439.00		
Perforations	3.00			3442.00		
Blank Spacing	65.00			3507.00		
Recorder	0.00	6625	Inside	3507.00		
Recorder	0.00	8652	Otside	3507.00		
Perforations	15.00			3522.00		
BlInose	3.00			3525.00	87.00	Bottom Packers Anchor

otal ool nth 1000



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DRILL STEM TEST REPORT

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Bach Oil Prodction
P O Box 723
Alma, NE 68920-0723
ATTN: Jason Bach

Sammon #1
11-7s-20w Rooks,KS
Job Ticket: 40867 **S#12**
Test Start: 2010.10.25 @ 02:48:08

Mud and Cushion Information

Md Type:	el hem	shion Type:		Oil API:	deg API
Md eight:	9.00 lbgal	shion Length:	ft	ater Salinity:	ppm
iscosity:	57.00 sect	shion olme:	bbl		
ater Loss:	7.92 in	as shion Type:			
Resistiity:	ohm.m	as shion Presse:	psig		
Salinity:	2000.00 ppm				
Filter ake:	1.00 inches				

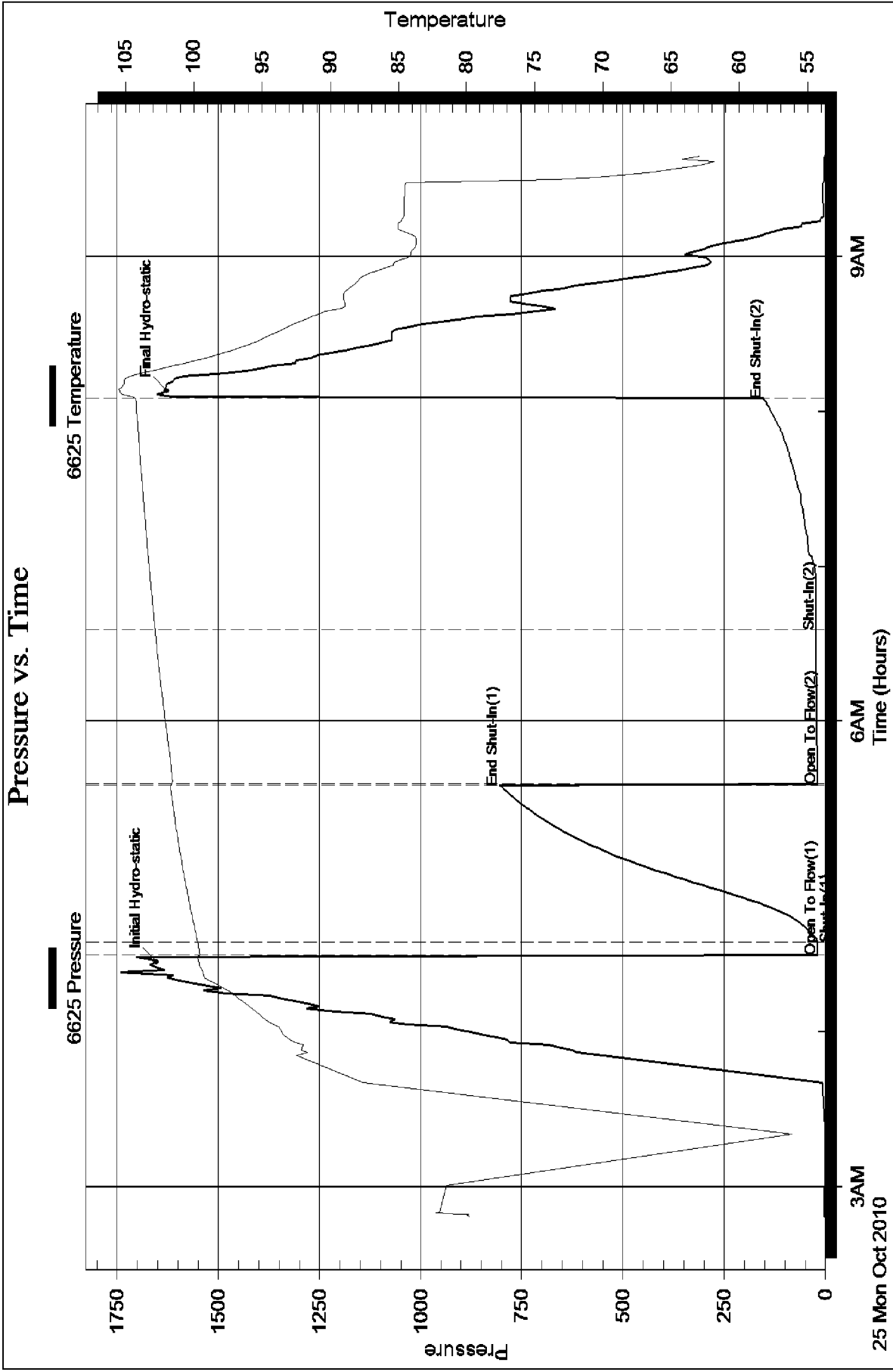
Recovery Information

Recoery Table

Length ft	Description	olme bbl
1.00	O	0.014
15.00	OM 10O90M	0.210

Total Length: 16.00 ft Total olme: 0.224 bbl
Nm Flid Samples: 0 Nm as Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recoery omments:

Pressure vs. Time





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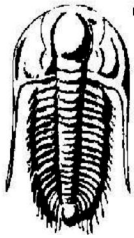
Sammon #1

Start Date: 2010.10.26 @ 00:48:29

End Date: 2010.10.26 @ 08:16:23

Job Ticket #: 40869 DST #: 3

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 ATTN: Jason Bach

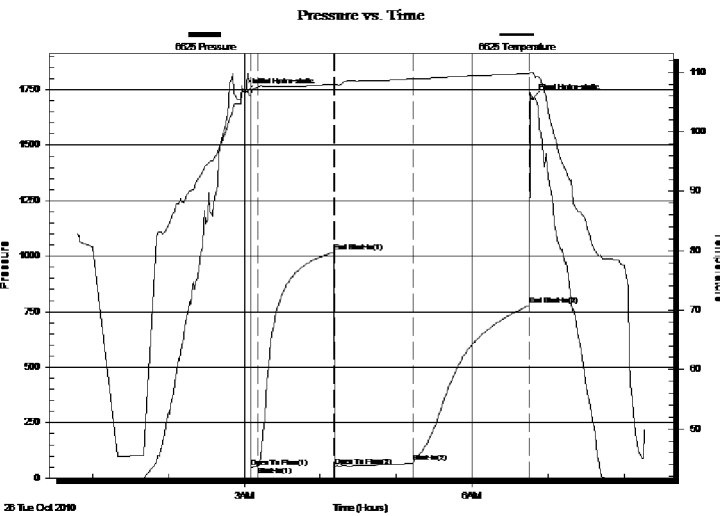
Sammon #1
11-7s-20w Rooks,KS
 Job Ticket: 40869 S#
 Test Start: 2010.10.26 @ 00:48:29

GENERAL INFORMATION:

Formation: ruckl
 Deiated: No hipstock: ft KB
 Time Tool Opened: 03:05:24
 Time Test Ended: 08:16:23
 Test Type: onentional Straddle
 Tester: Ray Schager
 nit No: 42
 Reference Eleations: 2116.00 ft KB
 Total Depth: 3650.00 ft KB TD 2111.00 ft F
 Hole Diameter: 7.88 inches Hole ondition: Fair KB to RF: 5.00 ft

Srial # 2 insid
 Press@RnDepth: 69.73psig @ 3586.00 ft KB capacity: 8000.00 psig
 Start Date: 2010.10.26 End Date: 2010.10.26 Last alib.: 2010.10.26
 Start Time: 00:48:29 End Time: 08:16:23 Time On Btm: 2010.10.26 @ 03:00:54
 Time Off Btm: 2010.10.26 @ 06:47:23

TEST OMMENT: IFP-k bl 14"to 1"bl
 ISIP-no bl
 FFP-k bl srface to
 FSIP-no bl



PRESSRE SMMAR

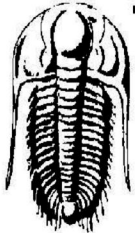
Time Min.	Pressre psig	Temp deg F	Annotation
0	1737.73	107.09	Initial Hydro-static
5	50.16	106.09	Open To Flo1
10	53.13	107.52	Sht-In1
70	1018.35	107.99	End Sht-In1
71	55.46	107.78	Open To Flo2
132	69.73	108.92	Sht-In2
224	778.75	109.79	End Sht-In2
227	1708.64	109.97	Final Hydro-static

Recoery

Length ft	Description	olme tbl
20.00	O	0.28
35.00	OM 15O85M	0.49

as Rates

hole inches	Pressre psig	as Rate Mcfd



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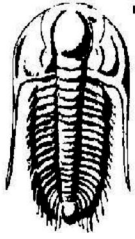
Tool Information

Drill Pipe:	Length: 3514.00 ft	Diameter: 3.80 inches	olme: 49.29 bbl	Tool eight:	2200.00 lb
Heay t. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	olme: 0.00 bbl	eight set on Packer:	25000.00 lb
Drill collar:	Length: 0.00 ft	Diameter: 0.00 inches	olme: 0.00 bbl	eight to Pll Loose:	50000.00 lb
			<u>Total olme: 49.29 bbl</u>	Tool hased	0.00 ft
Drill Pipe Aboe KB:	16.00 ft			String eight: Initial	38000.00 lb
Depth to Top Packer:	3519.00 ft			Final	38000.00 lb
Depth to Bottom Packer:	3598.00 ft				
Interal beteen Packers:	79.00 ft				
Tool Length:	156.00 ft				
Nmber of Packers:	3	Diameter: 6.75 inches			
Tool omments:					

ool **cription** **n** **th** **Serial** **oo** **Position** **th** **ccum** **n** **ths**

hange Oer Sb	1.00			3499.00		
Sht In Tool	5.00			3504.00		
Hydraulic tool	5.00			3509.00		
Packer	5.00			3514.00	21.00	Bottom Of Top Packer
Packer	5.00			3519.00		
Stbb	1.00			3520.00		
Perforations	1.00			3521.00		
Blank Spacing	65.00			3586.00		
Recorder	0.00	6625	Inside	3586.00		
Recorder	0.00	8652	Otside	3586.00		
Perforations	8.00			3594.00		
Blank Off Sb	1.00			3595.00		
Blank Spacing	3.00			3598.00	79.00	Tool Interal
Packer	5.00			3603.00		
Stbb	1.00			3604.00		
Perforations	14.00			3618.00		
Recorder	0.00	8700	Belo	3618.00		
Blank Spacing	33.00			3651.00		
Bllnose	3.00			3654.00	56.00	Bottom Packers Anchor

otal **ool** **n** **th** **1** **00**



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ATTN: Jason Bach

Sammon #1
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Job Ticket: 40869 □S□#□□
Test Start: 2010.10.26 @ 00:48:29

Mud and Cushion Information

Md Type:	el hem	shion Type:		Oil API:	18 deg API
Md eight:	9.00 lbgal	shion Length:	ft	ater Salinity:	ppm
iscosity:	67.00 sect	shion olme:	dbl		
ater Loss:	8.77 in	as shion Type:			
Resistiity:	ohm.m	as shion Presse:	psig		
Salinity:	3000.00 ppm				
Filter ake:	1.00 inches				

Recovery Information

Recoery Table

Length ft	Description	olme dbl
20.00	O	0.281
35.00	OM 15O85M	0.491

Total Length: 55.00 ft Total olme: 0.772 dbl
Nm Flid Samples: 0 Nm as Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recoery omments:

