

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

1-26-09
Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 30606
 Name: Murfin Drilling Company, Inc.
 Address: 250 N. Water, Suite 300
 City/State/Zip: Wichita, Kansas 67202
 Purchaser: _____
 Operator Contact Person: Susan Sears
 Phone: (316) 267-3241
 Contractor: Name: Murfin Drilling Company, Inc.
 License: 30606
 Wellsite Geologist: Brad Rine
 Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, 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./SWD
 Plug Back Plug Back Total Depth
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____

<u>12/26/06</u>	<u>1/7/07</u>	<u>N/A</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

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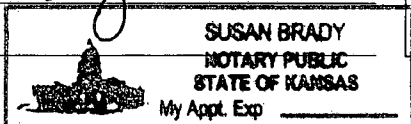
API No. 15 - 15-065-23270-0000
 County: Graham
 N2 NW SW NE Sec. 34 Twp. 10 S. R. 21 East West
1675 N feet from S / N (circle one) Line of Section
2310 E feet from E / W (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name: Eileen Well #: 1-34
 Field Name: Wildcat
 Producing Formation: N/A
 Elevation: Ground: 2164' Kelly Bushing: 2169'
 Total Depth: 3840' Plug Back Total Depth: N/A
 Amount of Surface Pipe Set and Cemented at 210' 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 PA NH 9-16-08
 (Data must be collected from the Reserve Pit)
 Chloride content _____ ppm Fluid volume _____ bbls
 Dewatering method used _____ RECEIVED
 Location of fluid disposal if hauled offsite: JAN 29 2007
 Operator Name: _____ KCC WICHITA
 Lease Name: _____ License No.: _____
 Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
 County: _____ Docket No.: _____

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.

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: Susan Sears
 Title: Susan Sears, Operations Engineer Date: 1/25/07
 Subscribed and sworn to before me this 26th day of January,
2007.
 Notary Public: Susan Brady
 Date Commission Expires: 11-4-07



KCC Office Use ONLY
 Letter of Confidentiality Received
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received RECEIVED
 UIC Distribution
 KCC WICHITA

Operator Name: Murfin Drilling Company, Inc. Lease Name: Eileen Well #: 1-34
 Sec. 34 Twp. 10 S. R. 21 East West County: Graham

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 copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: Dual Induction, Compensated Porosity, Microresistivity	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum SEE ATTACHED LIST <div style="text-align: right; font-weight: bold; font-size: 1.2em;"> KCC JAN 26 2007 CONFIDENTIAL </div>
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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
Surface		8 5/8		210	Common	150 sx	3% cc, 2% gel

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> 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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd 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 <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 <input type="checkbox"/> Other (Specify) _____	Production Interval
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Attach to ACO-1

Eileen #1-34
Daily drilling report
Page two

- 1/4/07 Depth 3768'. Cut 128'. DT: ½ hr. (brakes). CT: 16 ½ hrs. Dev.: 1° @ 3768'. **DST #3 3569-3690' (Lansing H, I, J, K, L zones):** 30-60-60-60. Rec. 5' M. HP: 1643-1659; FP: 47/63, 55/63; SIP: 377-215. BHT 99°. **Arbuckle:** fr-gd show FO in a sucrosic dolomite. **DST #4 3679-3768' (Arbuckle):**
- 1/5/07 Depth 3783'. Cut 15'. DT: none. CT: 23 ¼ hrs. Dev.: none. **DST #4 3679-3768' (Arbuckle):** 30-60-60-60. Rec. 10' SLOCM (2% O, 98% M). HP: 1745-1720; FP: 53/63, 54/65; SIP: 475-280. BHT 98°. **DST #5 3768-3783' (Arbuckle):** 30-60-60-60. Rec. 15' M. HP: 1820-1772; FP: 59/67, 74/75; SIP: 1195-1182. BHT 107°. Cut 15' more and testing had pr-fr porosity, a lot of barren porosity fr show FO, no odor. **DST #6 3783-3798' (Arbuckle):** IF: off BOB in 30 sec.
- 1/6/07 RTD 3840'. Cut 57'. DT: none. CT: 22 hrs. Dev.: none. **DST #6 3783-3798' (Arbuckle):** 30-60-60-60. IF: off BOB in 30 sec. Rec. 30' M, 85' MW (15% W, 85% M), 2515' W. HP: 1838-1764; FP: 518/1153, 1192/1206; SIP: 1147-1113. HC @ 12:00 a.m. 1/6/07. Log Tech logged from 3:00 a.m. to 6:00 a.m. 1/6/07, LTD @ 3839'.
- 1/7/07 RTD 3840'. CT: 12 ¾ hrs. Allied plugged hole w/60/40 poz., 6% gel as follows: 25 sx. @ 3738', 25 sx. @ 1640', 100 sx. @ 870', 40 sx. @ 240', 10 sx. @ 40', 15 sx. in RH. Started 12:30 p.m. 1/6/07, comp. 3:45 p.m. 1/6/07, orders from David Wann, KCC @ Hays. Rig released @ 7:45 p.m. 1/6/07. FINAL REPORT.

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Eileen #1-34 1675 FNL 2310 FEL Sec. 34-T10S-R21W 2169' KB							Lewis #1-34 2000' FSL 1375' FEL Sec. 34-T10S-R21W 2176' KB	
Formation	Sample tops	Datum	Ref	Log Tops	Datum	Ref	Log Tops	Datum
Anhydrite	1637	+532	+1	1634	+535	+4	1645	+531
B/Anhydrite	1684	+485	+1	1681	+488	+4	1692	+484
Topeka	3204	-1035	+1	3202	-1033	+3	3212	-1036
Heebner	3410	-1241	+1	3408	-1239	+3	3418	-1242
Toronto	3430	-1261	+2	3430	-3428	+4	3439	-1263
Lansing	3447	-1278	+1	3446	-1277	+2	3455	-1279
BKC	3682	-1513	+1	3680	-1511	+3	3690	-1514
Arbuckle	3758	-1589	+4	3757	-1588	+5	3769	-1593
Total Depth	3840			3839			3900	

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Eileen #1-34

Operator: Murfin Drilling Company, Inc.
Contractor: Murfin Drilling Company, Inc.
Rig #16

NoRa Prospect #3226
1675 FNL 2310 FEL
Sec. 34-T10S-R21W
Graham County, Kansas

Contact Person: David Doyel
Phone number: 316-267-3241
Well site Geologist: Brad Rine

Call Depth: 2800'
Spud: 12/26/06 @ 6:15 p.m.
Completed: 1/7/07, P&A

API # 15-065-23270
Casing: 8 5/8" @ 210'

TD: 3840'

Elevation: 2164' GL
2169' KB

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DAILY INFORMATION:

- 12/22/06 May MIRT before Christmas, weather permitting, but probably won't spud until 12/26/06.
- 12/26/06 MIRT.
- 12/27/06 Depth 245'. Cut 245'. DT: 8 hrs. (WOC). CT: none. Dev.: 1/4° @ 210'. Spud @ 6:15 p.m. 12/26/06. Ran 5 jts. = 201.34' of 8 5/8" surf. pipe set @ 210', cmt w/150 sx. comm., 3% cc, 2% gel, plug down @ 10:15 p.m. 12/26/06, drilled out @ 6:15 a.m. 12/27/06, circ 3 bbls by Quality.
- 12/28/06 Depth 2245'. Cut 2000'. DT: 1 hr. (pump). CT: none. Dev.: 1/2° @ 2173'.
- 12/29/06 Depth 2950'. Cut 705. DT: 1 1/4 hr. (brakes) 1 3/4 hr. (hole), 1 hr. (jt). CT: none.
- 12/30/06 Depth 3460'. Cut 510'. DT: 1/2 hr. (ice). CT: 2 hrs. Dev.: none.
- 12/31/06 Depth 3512'. Cut 52'. DT: 18 1/2 hrs. (shut down due to ice storm 12:30 p.m. to 6:00 p.m. 1/1/07). CT: 2 1/4 hrs. Dev.: none.
- 1/1/07 Depth 3512'. Cut 0'. DT: 24 hrs. (snow & ice storm). CT: none. Dev.: none.
- 1/2/07 Depth 3512'. Cut 0'. DT: 11 hrs. (thaw lines). CT: 13 hrs. Dev.: 1° @ 3512'. **DST #1 3405-3512' (Lansing A-D zones):** 30-60-60-60. IF: blow off BOB in 8 min. FF: blow off BOB in 45 min. Rec. 30' GIP, 220' SLOCM (2% G, 3% O, 95% M). HP: 1543-1553; FP: 68/123, 133/167; SIP: 789-393.
- 1/3/07 Depth 3640'. Cut 128'. DT: none. CT: 17 1/4 hrs. **DST #2 3530-3565' (Lansing E, F, G zones):** 30-60-60-60. Rec. 45' GIP, 215' TF, 5' GCO (10% G, 90% O), 30' MCW (2% O, 63% W, 35% M), 180' MCW (85% W, 15% M), Chl. 34,000 ppm. BHT 109°. HP: 1630-1607; FHP: 53/116, 115/165; SIP: 502-475.

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- 1/4/07 Depth 3768'. Cut 128'. DT: ½ hr. (brakes). CT: 16 ½ hrs. Dev.: 1° @ 3768'. **DST #3 3569-3690' (Lansing H, I, J, K, L zones):** 30-60-60-60. Rec. 5' M. HP: 1643-1659; FP: 47/63, 55/63; SIP: 377-215. BHT 99°. **Arbuckle:** fr-gd show FO in a sucrosic dolomite. **DST #4 3679-3768' (Arbuckle):**
- 1/5/07 Depth 3783'. Cut 15'. DT: none. CT: 23 ¼ hrs. Dev.: none. **DST #4 3679-3768' (Arbuckle):** 30-60-60-60. Rec. 10' SLOCM (2% O, 98% M). HP: 1745-1720; FP: 53/63, 54/65; SIP: 475-280. BHT 98°. **DST #5 3768-3783' (Arbuckle):** 30-60-60-60. Rec. 15' M. HP: 1820-1772; FP: 59/67, 74/75; SIP: 1195-1182. BHT 107°. Cut 15' more and testing had pr-fr porosity, a lot of barren porosity fr show FO, no odor. **DST #6 3783-3798' (Arbuckle):** IF: off BOB in 30 sec.
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Total Depth	3840			3839			3900	

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Quality Oilwell Cementing Inc.

845 E Wichita
 P.O. Box 32
 Russell, KS 67665

Invoice

Date	Invoice #
12/27/2006	220

Bill To
Murfin Drilling Company P.O. Box 288 Russell Ks 67665

COPY

USED FOR _____

APPROVED _____
Operator Pay

Eileen 1-34

P.O. No.	Terms	Project
	Net 30	

Quantity	Description	Rate	Amount
150	common	10.60	1,590.00T
3	GEL	16.50	49.50T
5	Calcium	45.00	225.00T
158	handling	1.90	300.20
9,480	.08 * 158 SACKS * 60 MILES	0.08	758.40
1	8 5/8 wooden plug	69.00	69.00T
1	surface pipes 0-500R	775.00	775.00
60	pump truck milcage charge	5.00	300.00
407	discount 10% if paid within 30 days	-1.00	-407.00
	LEASE: EILEEN WELL #1-34		
	Graham county Sales Tax	5.55%	107.31

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Account	Unit	Rate	Quantity	Amount
<i>03700</i>	<i>016</i>	<i>40</i>	<i>2746</i>	<i>3709.4</i>

Amount S. Co.

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Thank you for your business. Dave

Total *\$3,767.41*

QUALITY OILWELL CEMENTING, INC.

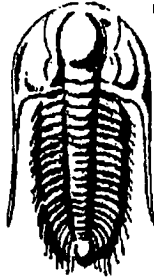
Federal Tax I.D.#

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 1311

Date	12 26 06	Sec	30	Twp.	10	Range	27	Called Out		On Location	8:30 PM	Job Start	10:00 PM	Finish	10:15 PM	
Lease		Well No.	1-34	Location	F-111-1100-10-30-27			County	Grant	State	KS					
Contractor								Owner								
Type Job	Spur							To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.								
Hole Size	12 1/2"		T.D.		210'		Charge To									
Csg.	5 1/2"		Depth		200'		To									
Tbg. Size			Depth				Street									
Drill Pipe			Depth				City				State					
Tool			Depth				The above was done to satisfaction and supervision of owner agent or contractor.									
Cement Left in Csg.	10 1/2'		Shoe Joint													
Press Max.			Minimum													
Meas Line			Displace		12 1/2" 200'		CEMENT									
Perf.																
EQUIPMENT								Amount Ordered								
								150 000 3 1/2" 200' 200'								
								Consisting of								
Pumptrk	No.	Cementer	Helper				Common				150 @ 10.60				1590.00	
Bulktrk	No.	Driver	Driver				Poz. Mix.									
Bulktrk	No.	Driver	Driver		12 1/2" 200'		Gel.				3 @ 16.50				49.50	
JOB SERVICES & REMARKS								Chloride				5 @ 45.00				225.00
								Hulls								
Pumptrk Charge								775.00				KCC				
Mileage								5 @ 60.00				300.00				
Footage												JAN 26 2007				
								Total				1075.00				
Remarks:												CONFIDENTIAL				
												Sales Tax				
								Handling				158 @ 1.90				300.20
								Mileage				89 @ 3.10 per mile (160)				275.90
												Pump Truck Charge				
												Sub Total				1075.00
												Total				
								Floating Equipment & Plugs				P & H				69.00
								Squeeze Manifold								
								Rotating Head								
								RECEIVED								
								JAN 25 7								
								KCC WICHITA								
												Tax				107.31
												Discount				(407.00)
Signature												Total Charge				3767.41



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling**

250 N Water Ste 300
Wichita KS 67202

ATTN: Brad Rine

34 10S 21W Graham KS

Eileen 1-34

Start Date: 2007.01.01 @ 21:57:15

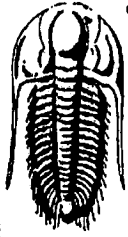
End Date: 2007.01.02 @ 05:02:58

Job Ticket #: 27278 DST #: 1

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

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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Murfin Drilling
250 N Water Ste 300
Wichita KS 67202
ATTN: Brad Rine

Eileen 1-34
34 10S 21W Graham KS
Job Ticket: 27278 DST#: 1
Test Start: 2007.01.01 @ 21:57:15

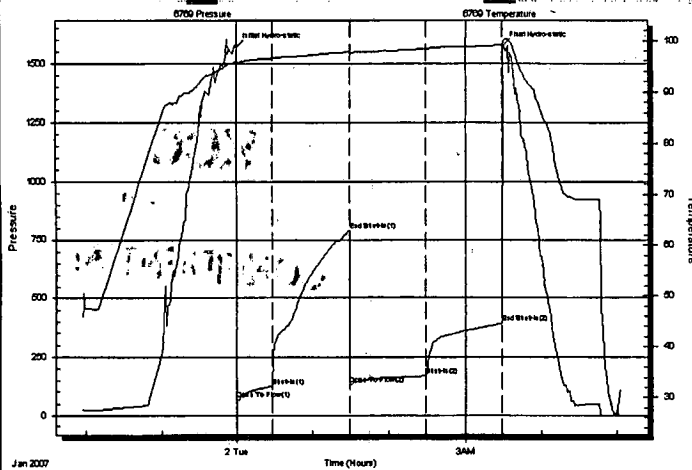
GENERAL INFORMATION:

Formation: **LKC "A-D"**
Deviated: **No Whipstock** ft (KB)
Test Type: **Conventional Bottom Hole**
Time Tool Opened: **23:59:58**
Tester: **Brian Fairbank**
Time Test Ended: **05:02:58**
Unit No: **24**
Interval: **3405.00 ft (KB) To 3512.00 ft (KB) (TVD)**
Reference Elevations: **2169.00 ft (KB)**
Total Depth: **3512.00 ft (KB) (TVD)**
2164.00 ft (CF)
Hole Diameter: **7.88 inches** Hole Condition:
KB to GR/CF: **5.00 ft**

Serial #: 6769 **Inside**
Press@RunDepth: **167.11 psig @ 3412.01 ft (KB)** Capacity: **7000.00 psig**
Start Date: **2007.01.01** End Date: **2007.01.02** Last Calib.: **2007.01.02**
Start Time: **21:57:15** End Time: **05:02:58** Time On Btm: **2007.01.01 @ 23:59:28**
Time Off Btm: **2007.01.02 @ 03:29:13**

TEST COMMENT: IFP BOB 8 min.
ISI No blow back
FFP BOB 45 min.
FSI Weak sur. blow back died 30 min.

Pressure vs. Time



PRESSURE SUMMARY

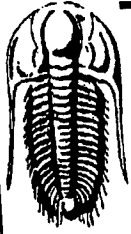
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1569.55	95.90	Initial Hydro-static
1	67.93	95.58	Open To Flow (1)
29	122.84	96.58	Shut-In (1)
90	788.76	97.78	End Shut-In (1)
90	132.71	97.66	Open To Flow (2)
149	167.11	98.41	Shut-In (2)
210	392.70	99.24	End Shut-In (2)
210	1574.29	99.71	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
220.00	VSOCM 2%G 3%O 95%M	2.81

Gas Rates

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling
 250 N Water Ste 300
 Wichita KS 67202
 ATTN: Brad Rine

Eileen 1-34
 34 10S 21W Graham KS
 Job Ticket: 27278 DST#: 1
 Test Start: 2007.01.01 @ 21:57:15

Tool Information

Drill Pipe:	Length: 3359.00 ft	Diameter: 3.80 inches	Volume: 47.12 bbl	Tool Weight: 2500.00 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: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 47.27 bbl</u>	Tool Chased 1.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial 46000.00 lb
Depth to Top Packer:	3405.00 ft			Final 47000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	107.02 ft			
Tool Length:	129.02 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			3388.00	
Hydraulic tool	5.00			3393.00	
Safety Joint	2.00			3395.00	
Packer	5.00			3400.00	22.00 Bottom Of Top Packer
Packer	5.00			3405.00	
Stubb	1.00			3406.00	
Perforations	5.00			3411.00	
Change Over Sub	1.00			3412.00	
Recorder	0.01	6769	Inside	3412.01	
Blank Spacing	91.00			3503.01	
Change Over Sub	1.00			3504.01	
Perforations	5.00			3509.01	
Recorder	0.01	13548	Outside	3509.02	
Bullnose	3.00			3512.02	107.02 Bottom Packers & Anchor
Total Tool Length:	129.02				

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**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling

Eileen 1-34

250 N Water Ste 300
Wichita KS 67202

34 10S 21W Graham KS

Job Ticket: 27278

DST#: 1

ATTN: Brad Rine

Test Start: 2007.01.01 @ 21:57:15

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: 55.00 sec/qt

Cushion Volume:

bbf

Water Loss: 6.72 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3600.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
220.00	VSOCM 2%G 3%O 95%M	2.813

Total Length: 220.00 ft Total Volume: 2.813 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 30' GIP

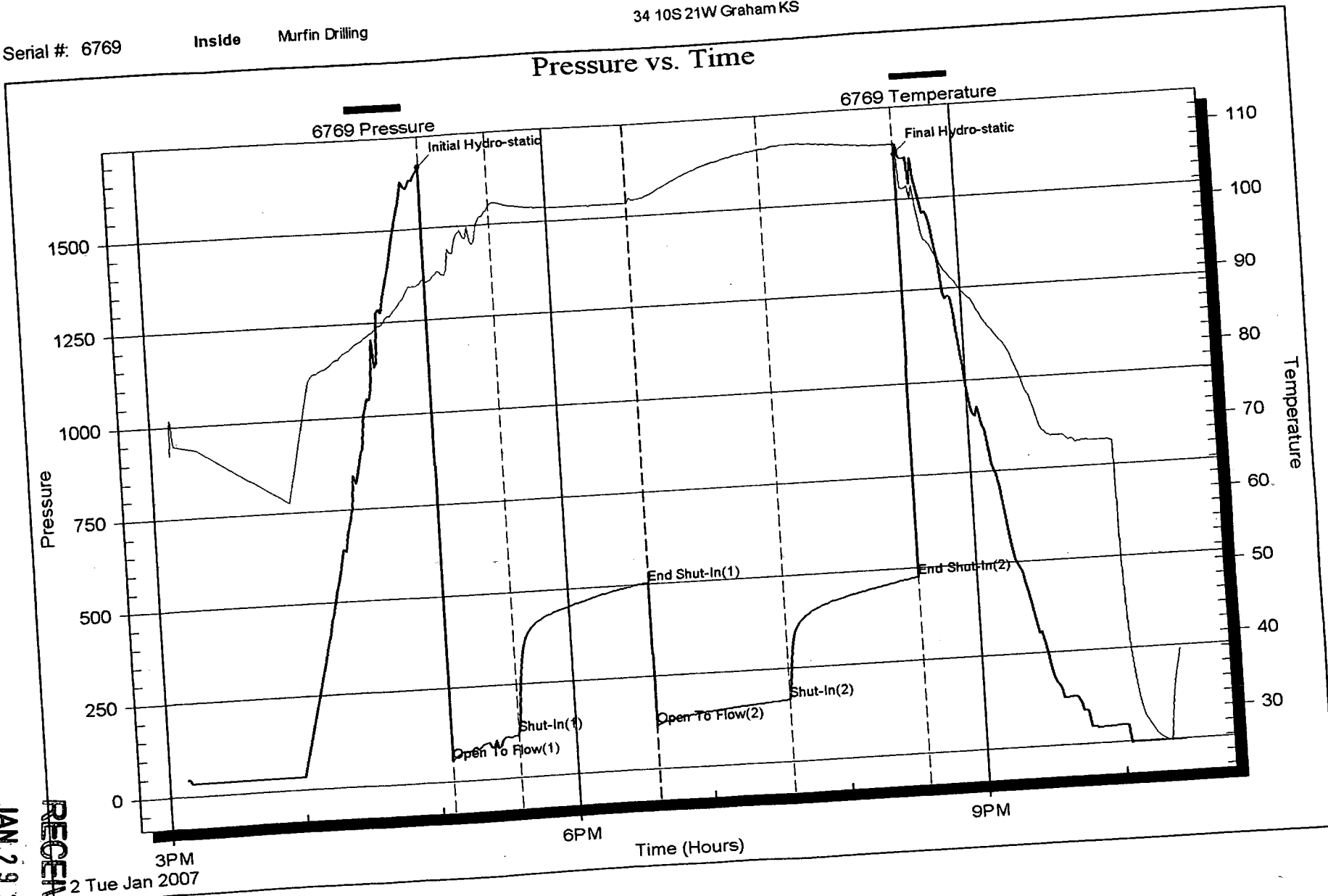
Serial #: 6769

Inside Murfin Drilling

34 10S 21W Graham KS

DST Test Number: 2

Pressure vs. Time

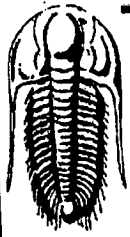


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Trilobite Testing, Inc

Ref. No: 27279



**TRILOBITE
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DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling
250 N Water Ste 300
Wichita KS 67202
ATTN: Brad Rine

Eileen 1-34
34 10S 21W Graham KS
Job Ticket: 27279 DST#: 2
Test Start: 2007.01.02 @ 15:08:10

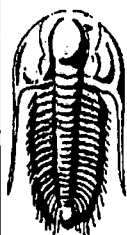
Tool Information

Drill Pipe:	Length: 3511.00 ft	Diameter: 3.80 inches	Volume: 49.25 bbl	Tool Weight: 2500.00 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: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 49.40 bbl</u>	Tool Chased: 0.00 ft
Drill Pipe Above KB:	33.00 ft			String Weight: Initial 46000.00 lb
Depth to Top Packer:	3530.00 ft			Final 47000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	35.02 ft			
Tool Length:	57.02 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			3513.00	
Hydraulic tool	5.00			3518.00	
Safety Joint	2.00			3520.00	
Packer	5.00			3525.00	22.00 Bottom Of Top Packer
Packer	5.00			3530.00	
Stubb	1.00			3531.00	
Perforations	5.00			3536.00	
Recorder	0.01	6769	Inside	3536.01	
Perforations	26.00			3562.01	
Recorder	0.01	13548	Outside	3562.02	
Bullnose	3.00			3565.02	35.02 Bottom Packers & Anchor

Total Tool Length: 57.02

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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling
250 N Water Ste 300
Wichita KS 67202

Eileen 1-34
34 10S 21W Graham KS
Job Ticket: 27279 DST#: 2
Test Start: 2007.01.02 @ 15:08:10

ATTN: Brad Rine

Mud and Cushion Information

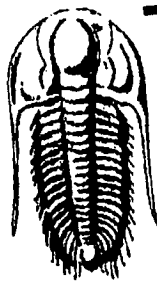
Mud Type: Gel Chem	Cushion Type:	Oil API: 32 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 34000 ppm
Viscosity: 52.00 sec/qt	Cushion Volume: bbl	
Water Loss: 6.34 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 4500.00 ppm		
Filter Cake: inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
180.00	MW 85%W 15%M	2.252
30.00	MW w/scum O 2%O 63%W 35%M	0.421
5.00	FREE OIL 10%G 90%O	0.070

Total Length: 215.00 ft Total Volume: 2.743 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: 45' GIP



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling**
250 N Water Ste 300
Wichita KS 67202

ATTN: Brad Rine

34 10S 21W Graham KS

Eileen 1-34

Start Date: 2007.01.02 @ 15:08:10

End Date: 2007.01.02 @ 22:26:08

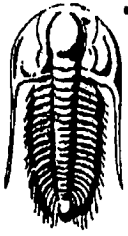
Job Ticket #: 27279 DST #: 2

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DRILL STEM TEST REPORT

Murfin Drilling
250 N Water Ste 300
Wichita KS 67202
ATTN: Brad Rine

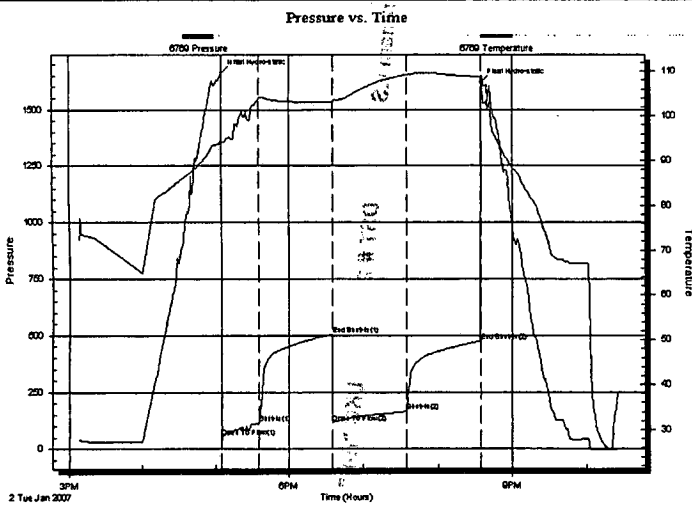
Eileen 1-34
34 10S 21W Graham KS
Job Ticket: 27279 DST#: 2
Test Start: 2007.01.02 @ 15:08:10

GENERAL INFORMATION:

Formation: **LKC "E-F"**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole
 Time Tool Opened: 17:05:08
 Tester: Brian Fairbank
 Time Test Ended: 22:26:08
 Unit No: 24
 Interval: **3530.00 ft (KB) To 3565.00 ft (KB) (TVD)**
 Reference Elevations: 2169.00 ft (KB)
 Total Depth: 3565.00 ft (KB) (TVD)
 2164.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: KB to GR/CF: 5.00 ft

Serial #: **6769** Inside
 Press@RunDepth: 165.11 psig @ 3536.01 ft (KB) Capacity: 7000.00 psig
 Start Date: 2007.01.02 End Date: 2007.01.02 Last Calib.: 2007.01.02
 Start Time: 15:08:10 End Time: 22:26:08 Time On Btm: 2007.01.02 @ 17:04:53
 Time Off Btm: 2007.01.02 @ 20:34:23

TEST COMMENT: IFP BOB 22 min.
 ISI No blow back
 FFP BOB 25 min.
 FSI Weak sur blow back died 10 min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1663.36	94.33	Initial Hydro-static
1	53.45	93.93	Open To Flow (1)
30	115.72	103.83	Shut-In(1)
91	502.47	103.18	End Shut-In(1)
91	115.16	103.07	Open To Flow (2)
150	165.11	109.24	Shut-In(2)
210	474.56	108.78	End Shut-In(2)
210	1619.79	109.08	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
180.00	MW 85%W 15%M	2.25
30.00	MW w/scum O 2%O 63%W 35%M	0.42
5.00	FREE OIL 10%G 90%O	0.07

Gas Rates

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

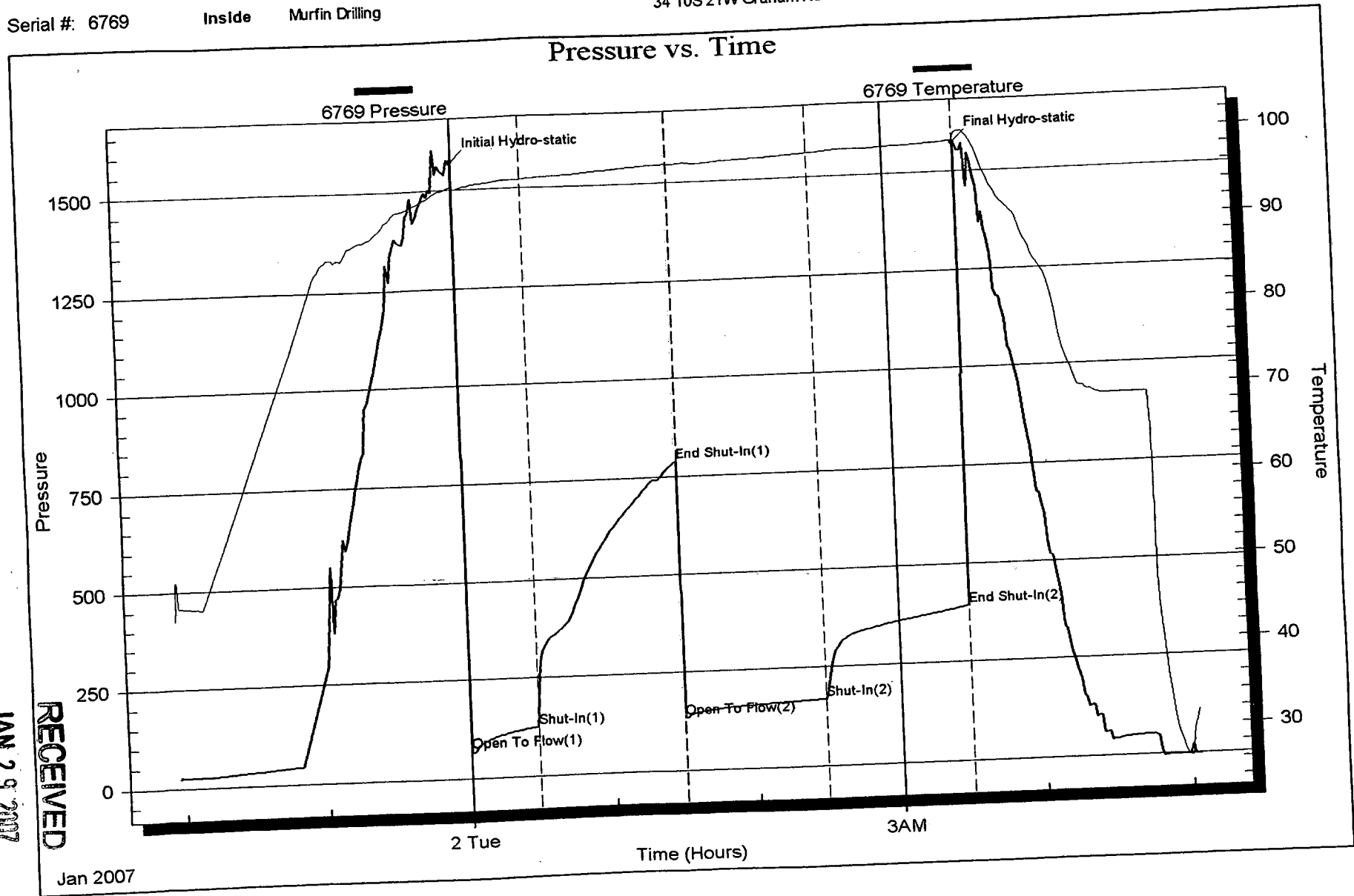
Serial #: 6769

Inside Murfin Drilling

34 10S 21W Graham KS

DST Test Number: 1

Pressure vs. Time

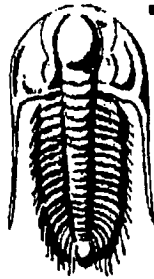


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**TRILOBITE
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DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling**

250 N Water Ste 300
Wichita KS 67202

ATTN: Brad Rine

34 10S 21W Graham KS

Eileen 1-34

Start Date: 2007.01.03 @ 11:40:15

End Date: 2007.01.03 @ 18:59:43

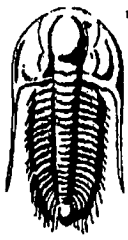
Job Ticket #: 27280 DST #: 3

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DRILL STEM TEST REPORT

Murfin Drilling
 250 N Water Ste 300
 Wichita KS 67202
 ATTN: Brad Rine

Eileen 1-34
34 10S 21W Graham KS
 Job Ticket: 27280 DST#: 3
 Test Start: 2007.01.03 @ 11:40:15

GENERAL INFORMATION:

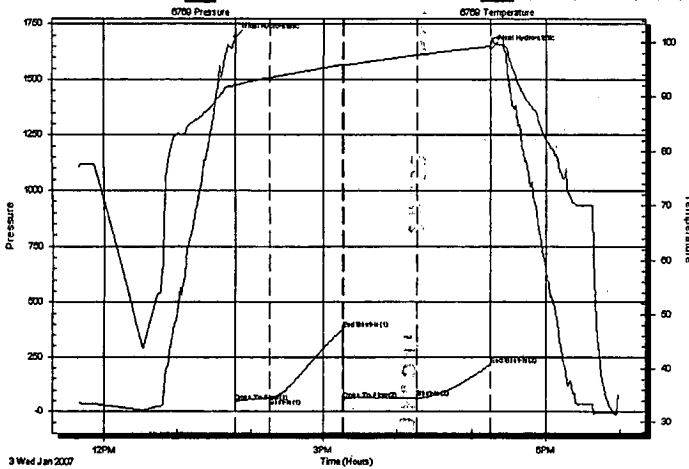
Formation: **LKC "H-L"**
 Deviated: **No Whipstock** ft (KB)
 Test Type: **Conventional Bottom Hole**
 Time Tool Opened: **13:47:28**
 Tester: **Brian Fairbank**
 Time Test Ended: **18:59:43**
 Unit No: **24**

Interval: **3569.00 ft (KB) To 3690.00 ft (KB) (TVD)**
 Reference Elevations: **2169.00 ft (KB)**
 Total Depth: **3690.00 ft (KB) (TVD)**
2164.00 ft (CF)
 Hole Diameter: **7.88 inches** Hole Condition:
 KB to GR/CF: **5.00 ft**

Serial #: 6769 Inside
 Press@RunDepth: **63.05 psig @ 3573.01 ft (KB)** Capacity: **7000.00 psig**
 Start Date: **2007.01.03** End Date: **2007.01.03** Last Calib.: **2007.01.03**
 Start Time: **11:40:15** End Time: **18:59:43** Time On Btm: **2007.01.03 @ 13:47:13**
 Time Off Btm: **2007.01.03 @ 17:15:13**

TEST COMMENT: IFP Weak blow throughout sur - 3/4" - died to 1/2"
 ISI No blow back
 FFP No blow
 FSI No blow back

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1690.12	92.34	Initial Hydro-static
1	47.03	92.03	Open To Flow (1)
29	63.10	93.51	Shut-In(1)
89	377.00	95.90	End Shut-In(1)
89	55.06	95.83	Open To Flow (2)
149	63.05	97.69	Shut-In(2)
208	215.23	99.33	End Shut-In(2)
208	1637.53	99.96	Final Hydro-static

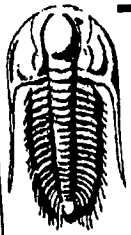
Recovery

Length (ft)	Description	Volume (bbl)
5.00	100%M	0.02

Gas Rates

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

DRILL STEM TEST REPORT



TRILOBITE TESTING, INC

Murfin Drilling
 250 N Water Ste 300
 Wichita KS 67202
 ATTN: Brad Rine

Eileen 1-34
 34 10S 21W Graham KS
 Job Ticket: 27280 DST#: 3
 Test Start: 2007.01.03 @ 11:40:15

Tool Information

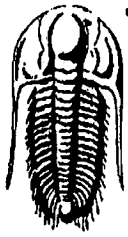
Drill Pipe:	Length: 3544.00 ft	Diameter: 3.80 inches	Volume: 49.71 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 80000.00 lb
		Total Volume: 49.86 bbl		Tool Chased 3.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial 46000.00 lb
Depth to Top Packer:	3569.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	121.02 ft			
Tool Length:	143.02 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			3552.00	
Hydraulic tool	5.00			3557.00	
Safety Joint	2.00			3559.00	
Packer	5.00			3564.00	22.00 Bottom Of Top Packer
Packer	5.00			3569.00	
Stubb	1.00			3570.00	
Perforations	2.00			3572.00	
Change Over Sub	1.00			3573.00	
Recorder	0.01	6769	Inside	3573.01	
Blank Spacing	93.00			3666.01	
Change Over Sub	1.00			3667.01	
Perforations	20.00			3687.01	
Recorder	0.01	13548	Outside	3687.02	
Bullhose	3.00			3690.02	121.02 Bottom Packers & Anchor
Total Tool Length:		143.02			

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DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling
250 N Water Ste 300
Wichita KS 67202
ATTN: Brad Rine

Eileen 1-34
34 10S 21W Graham KS
Job Ticket: 27280 **DST#: 3**
Test Start: 2007.01.03 @ 11:40:15

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: 49.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.35 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5300.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	100%M	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

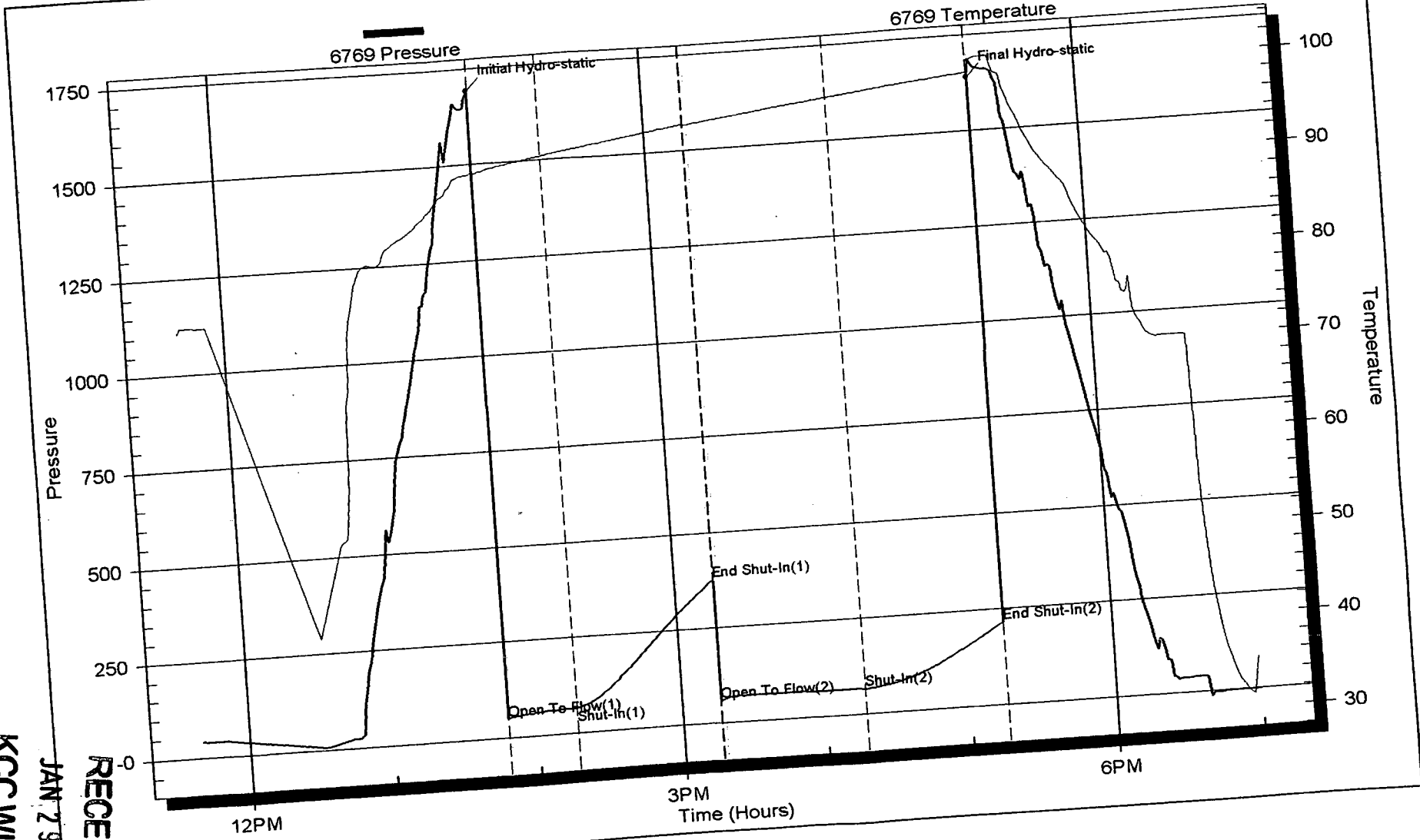
Serial #: 6769

Inside Murfin Drilling

34 10S 21W Graham KS

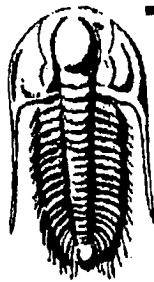
DST Test Number: 3

Pressure vs. Time



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DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling**
250 N Water Ste 300
Wichita KS 67202

ATTN: Brad Rine

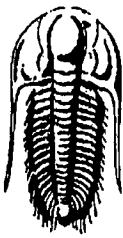
34 10S 21W Graham KS

Eileen 1-34

Start Date: 2007.01.04 @ 05:46:09
End Date: 2007.01.04 @ 13:21:07
Job Ticket #: 27281 DST #: 4

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**TRILOBITE
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DRILL STEM TEST REPORT

Murfin Drilling
250 N Water Ste 300
Wichita KS 67202
ATTN: Brad Rine

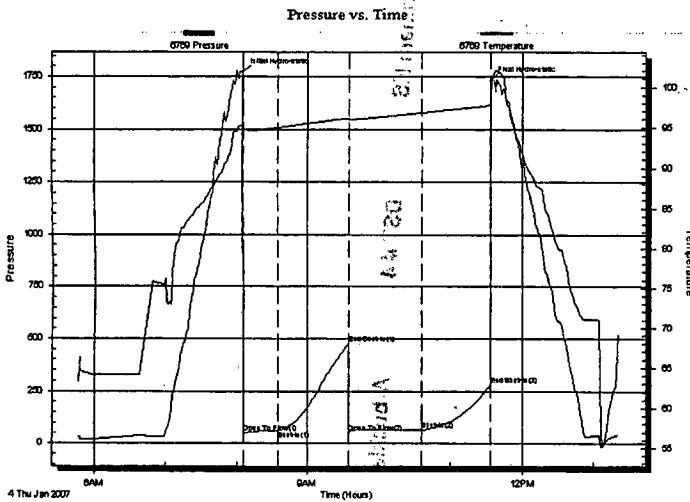
Eileen 1-34
34 10S 21W Graham KS
Job Ticket: 27281 DST#: 4
Test Start: 2007.01.04 @ 05:46:09

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Test Type: Conventional Bottom Hole
Time Tool Opened: 08:05:52 Tester: Brian Fairbank
Time Test Ended: 13:21:07 Unit No: 24
Interval: **3679.00 ft (KB) To 3768.00 ft (KB) (TVD)** Reference Elevations: 2169.00 ft (KB)
Total Depth: 3768.00 ft (KB) (TVD) 2164.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: KB to GR/CF: 5.00 ft

Serial #: 6769 Inside
Press@RunDepth: 64.99 psig @ 3683.01 ft (KB) Capacity: 7000.00 psig
Start Date: 2007.01.04 End Date: 2007.01.04 Last Calib.: 2007.01.04
Start Time: 05:46:09 End Time: 13:21:07 Time On Btm: 2007.01.04 @ 08:05:22
Time Off Btm: 2007.01.04 @ 11:34:07

TEST COMMENT: IFP Weak blow throughout 1/2" - 1" - died off to 3/4"
ISI No blow back
FFP No blow
FSI No blow back



PRESSURE SUMMARY

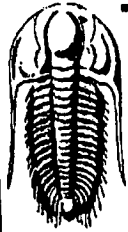
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1770.12	95.10	Initial Hydro-static
1	53.31	94.72	Open To Flow (1)
30	62.74	94.96	Shut-In(1)
90	475.17	96.10	End Shut-In(1)
90	53.85	95.99	Open To Flow(2)
151	64.99	96.78	Shut-In(2)
209	279.77	97.75	End Shut-In(2)
209	1729.79	98.52	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	VSOCM 2%O 98%M	0.05

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling
250 N Water Ste 300
Wichita KS 67202
ATTN: Brad Rine

Eileen 1-34
34 10S 21W Graham KS
Job Ticket: 27281 **DST#: 4**
Test Start: 2007.01.04 @ 05:46:09

Tool Information

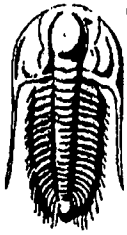
Drill Pipe:	Length: 3638.00 ft	Diameter: 3.80 inches	Volume: 51.03 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 55000.00 lb
			Total Volume: 51.18 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3679.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	89.02 ft			
Tool Length:	111.02 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			3662.00	
Hydraulic tool	5.00			3667.00	
Safety Joint	2.00			3669.00	
Packer	5.00			3674.00	22.00 Bottom Of Top Packer
Packer	5.00			3679.00	
Stubb	1.00			3680.00	
Perforations	2.00			3682.00	
Change Over Sub	1.00			3683.00	
Recorder	0.01	6769	Inside	3683.01	
Blank Spacing	61.00			3744.01	
Change Over Sub	1.00			3745.01	
Perforations	20.00			3765.01	
Recorder	0.01	13548	Outside	3765.02	
Bullnose	3.00			3768.02	89.02 Bottom Packers & Anchor
Total Tool Length:	111.02				

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DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling

Eileen 1-34

250 N Water Ste 300
Wichita KS 67202

34 10S 21W Graham KS

Job Ticket: 27281

DST#: 4

ATTN: Brad Rine

Test Start: 2007.01.04 @ 05:46:09

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: 49.00 sec/qt

Cushion Volume:

bbl

Water Loss: 6.37 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5300.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	VSOCM 2%O 98%M	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

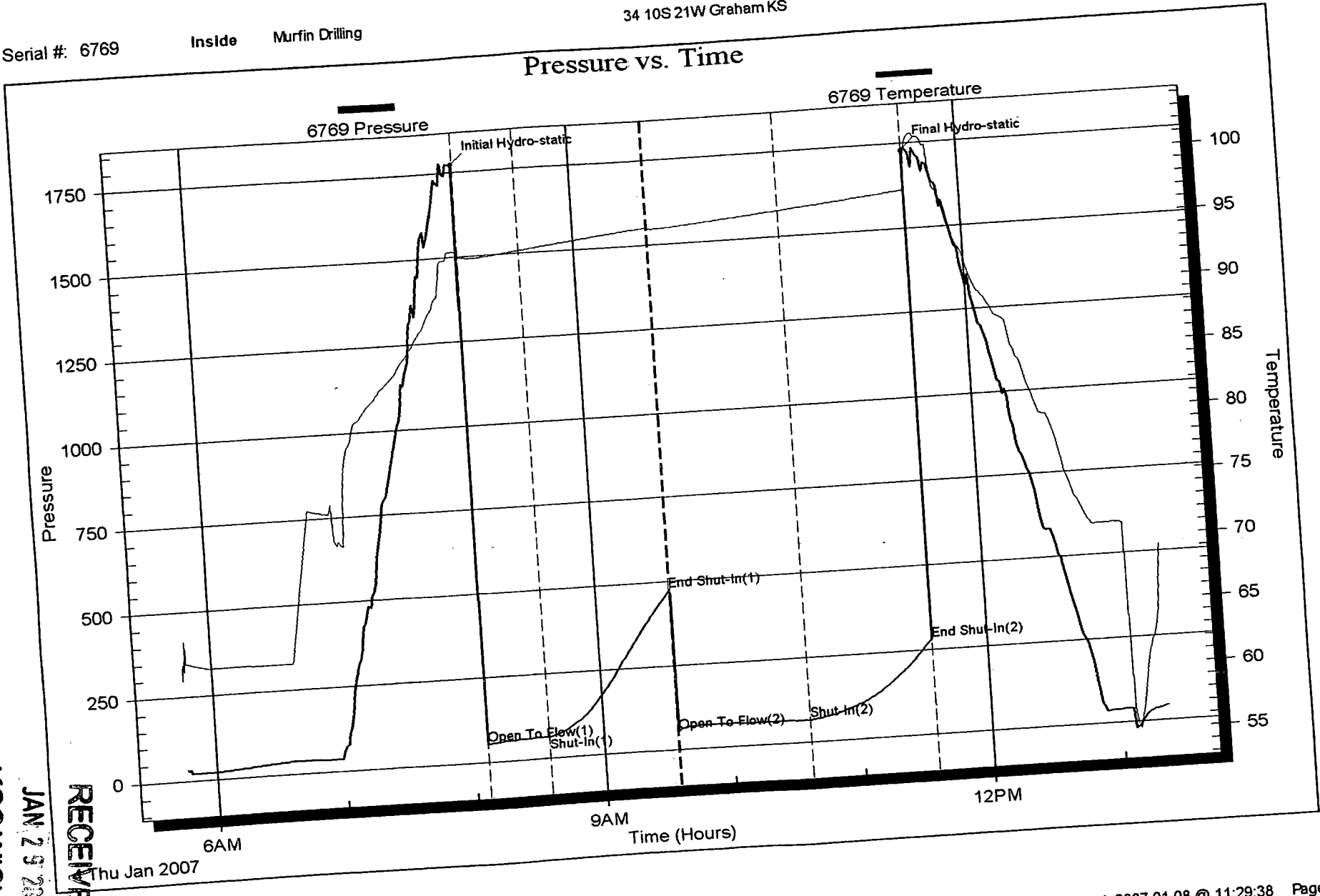
Serial #: 6769

Inside Murfin Drilling

34 10S 21W Graham KS

DST Test Number: 4

Pressure vs. Time



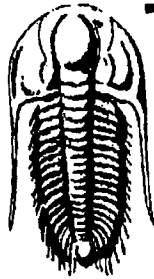
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DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling**

250 N Water Ste 300
Wichita KS 67202

ATTN: Brad Rine

34 10S 21W Graham KS

Eileen 1-34

Start Date: 2007.01.04 @ 20:45:26

End Date: 2007.01.05 @ 03:45:39

Job Ticket #: 27282

DST #: 5

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

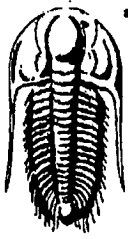
Printed: 2007.01.08 @ 11:30:08 Page 1

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Murfin Drilling
Eileen 1-34



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling
250 N Water Ste 300
Wichita KS 67202
ATTN: Brad Rine

Eileen 1-34
34 10S 21W Graham KS
Job Ticket: 27282 **DST#: 5**
Test Start: 2007.01.04 @ 20:45:26

Tool Information

Drill Pipe:	Length: 3732.00 ft	Diameter: 3.80 inches	Volume: 52.35 bbl	Tool Weight: 2500.00 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: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 52.50 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3768.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	15.02 ft			
Tool Length:	37.02 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

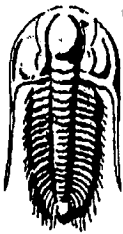
Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3751.00	
Hydraulic tool	5.00			3756.00	
Safety Joint	2.00			3758.00	
Packer	5.00			3763.00	22.00 Bottom Of Top Packer
Packer	5.00			3768.00	
Stubb	1.00			3769.00	
Perforations	2.00			3771.00	
Recorder	0.01	6769	Inside	3771.01	
Perforations	9.00			3780.01	
Recorder	0.01	13548	Outside	3780.02	
Bullnose	3.00			3783.02	15.02 Bottom Packers & Anchor

Total Tool Length: 37.02

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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling

Eileen 1-34

250 N Water Ste 300
Wichita KS 67202

34 10S 21W Graham KS

Job Ticket: 27282

DST#: 5

ATTN: Brad Rine

Test Start: 2007.01.04 @ 20:45:26

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: 57.00 sec/qt

Cushion Volume:

bbf

Water Loss: 6.37 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6900.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft.	Description	Volume bbf
15.00	Mw/O spts	0.074

Total Length: 15.00 ft Total Volume: 0.074 bbf

Num Fluid Samples: 0

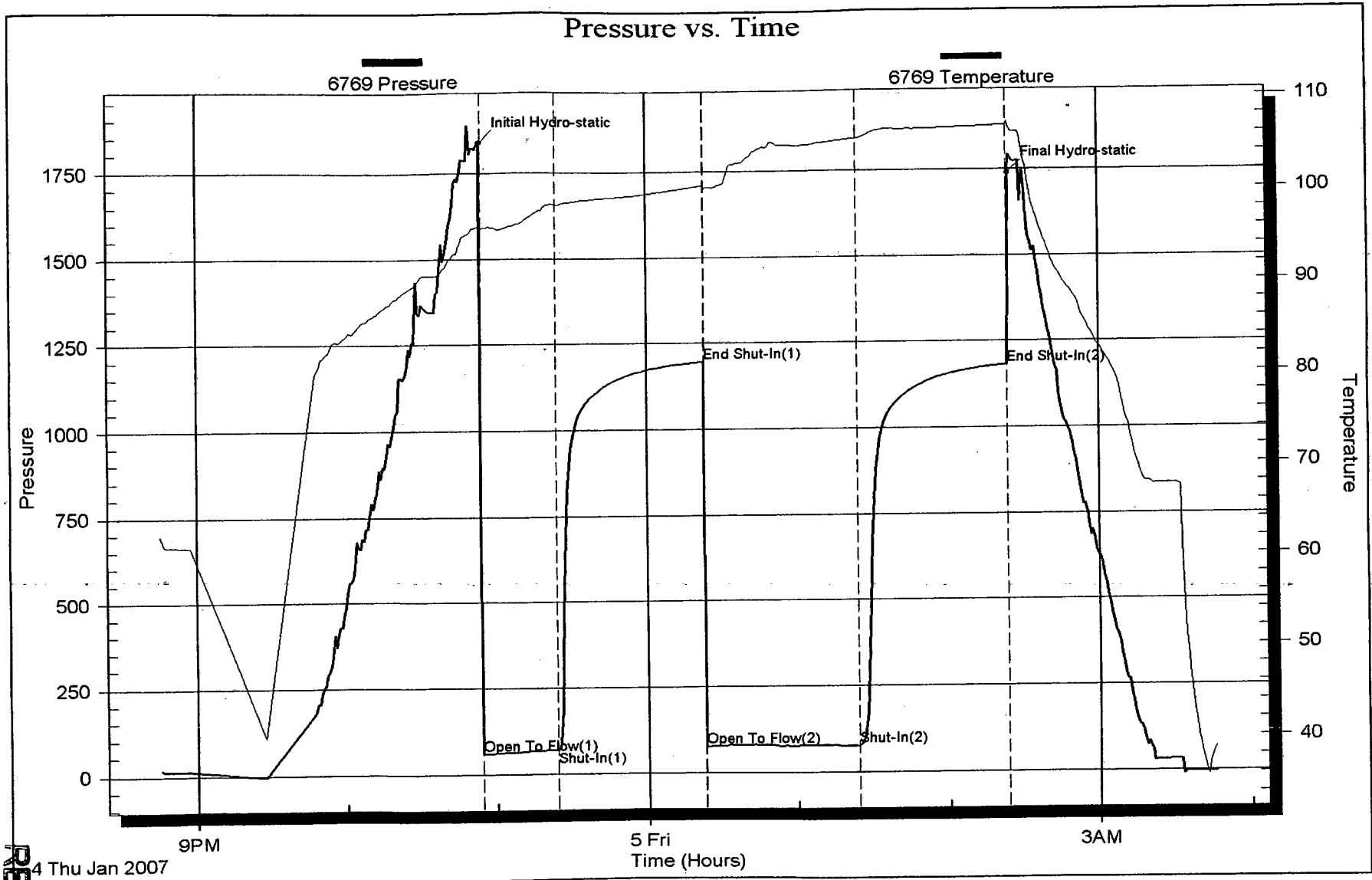
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

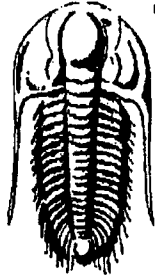
Recovery Comments:



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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling**

250 N Water Ste 300
Wichita KS 67202

ATTN: Brad Rine

34 10S 21W Graham KS

Eileen 1-34

Start Date: 2007.01.05 @ 11:42:12

End Date: 2007.01.05 @ 20:12:55

Job Ticket #: 27283 DST #: 6

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PO Box 362 Hays, KS 67601

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

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Murfin Drilling

Eileen 1-34

34 10S 21W Graham KS

DST # 6

Arbuckle (3)

2007.01.05



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Murfin Drilling
250 N Water Ste 300
Wichita KS 67202
ATTN: Brad Rine

Eileen 1-34
34 10S 21W Graham KS
Job Ticket: 27283 DST#: 6
Test Start: 2007.01.05 @ 11:42:12

GENERAL INFORMATION:

Formation: **Arbuckle (3)**
Deviated: **No** Whipstock: **ft (KB)** Test Type: **Conventional Bottom Hole**
Time Tool Opened: **13:47:55** Tester: **Brian Fairbank**
Time Test Ended: **20:12:55** Unit No: **24**
Interval: **3783.00 ft (KB) To 3798.00 ft (KB) (TVD)** Reference Elevations: **2169.00 ft (KB)**
Total Depth: **3798.00 ft (KB) (TVD)** **2164.00 ft (CF)**
Hole Diameter: **7.88 inches** Hole Condition: **KB to GR/CF: 5.00 ft**

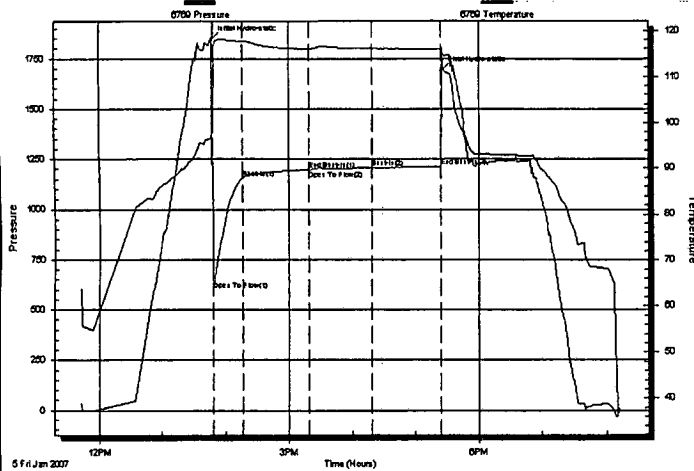
Serial #: 6769

Inside

Press@RunDepth: **1206.10 psig @ 3786.01 ft (KB)** Capacity: **7000.00 psig**
Start Date: **2007.01.05** End Date: **2007.01.05** Last Calib.: **2007.01.05**
Start Time: **11:42:12** End Time: **20:12:55** Time On Btm: **2007.01.05 @ 13:47:40**
Time Off Btm: **2007.01.05 @ 17:24:40**

TEST COMMENT: IFP BOB 30 sec.
ISI BOB 48 min.
FFP Weak to good blow 1" - 7"
FSI No blow back

Pressure vs. Time



PRESSURE SUMMARY

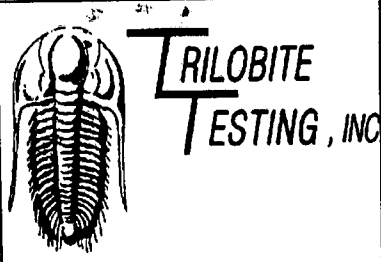
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1846.34	96.50	Initial Hydro-static
1	598.78	98.75	Open To Flow (1)
29	1153.04	117.56	Shut-In(1)
91	1197.90	115.92	End Shut-In(1)
91	1192.41	115.86	Open To Flow (2)
151	1206.10	115.98	Shut-In(2)
217	1213.28	115.95	End Shut-In(2)
217	1688.04	116.24	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	100%M	0.15
2515.00	100% W - reversed out	35.28
85.00	WM 15%W 85%M	1.19

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling
 250 N Water Ste 300
 Wichita KS 67202
 ATTN: Brad Rine

Eileen 1-34
 34 10S 21W Graham KS
 Job Ticket: 27283 DST#: 6
 Test Start: 2007.01.05 @ 11:42:12

Tool Information

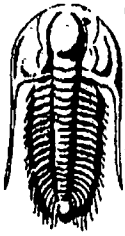
Drill Pipe:	Length: 3762.00 ft	Diameter: 3.80 inches	Volume: 52.77 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose:	70000.00 lb
			<u>Total Volume: 52.92 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial	48000.00 lb
Depth to Top Packer:	3783.00 ft			Final	58000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	15.02 ft				
Tool Length:	37.02 ft				
Number of Packers:	2	Diameter:	6.75 inches		

Tool Comments:
 Tool was plugged
 reversed out fluid

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3766.00	
Hydraulic tool	5.00			3771.00	
Safety Joint	2.00			3773.00	
Packer	5.00			3778.00	22.00 Bottom Of Top Packer
Packer	5.00			3783.00	
Stubb	1.00			3784.00	
Perforations	2.00			3786.00	
Recorder	0.01	6769	Inside	3786.01	
Perforations	9.00			3795.01	
Recorder	0.01	13548	Outside	3795.02	
Bullnose	3.00			3798.02	15.02 Bottom Packers & Anchor

Total Tool Length: 37.02

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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling

Eileen 1-34

250 N Water Ste 300
Wichita KS 67202

34 10S 21W Graham KS

Job Ticket: 27283

DST#: 6

ATTN: Brad Rine

Test Start: 2007.01.05 @ 11:42:12

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:

28000 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbf

Water Loss: 6.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6900.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
30.00	100%M	0.148
2515.00	100% W - reversed out	35.279
85.00	WM 15%W 85%M	1.192

Total Length: 2630.00 ft Total Volume: 36.619 bbf

Num Fluid Samples: 0

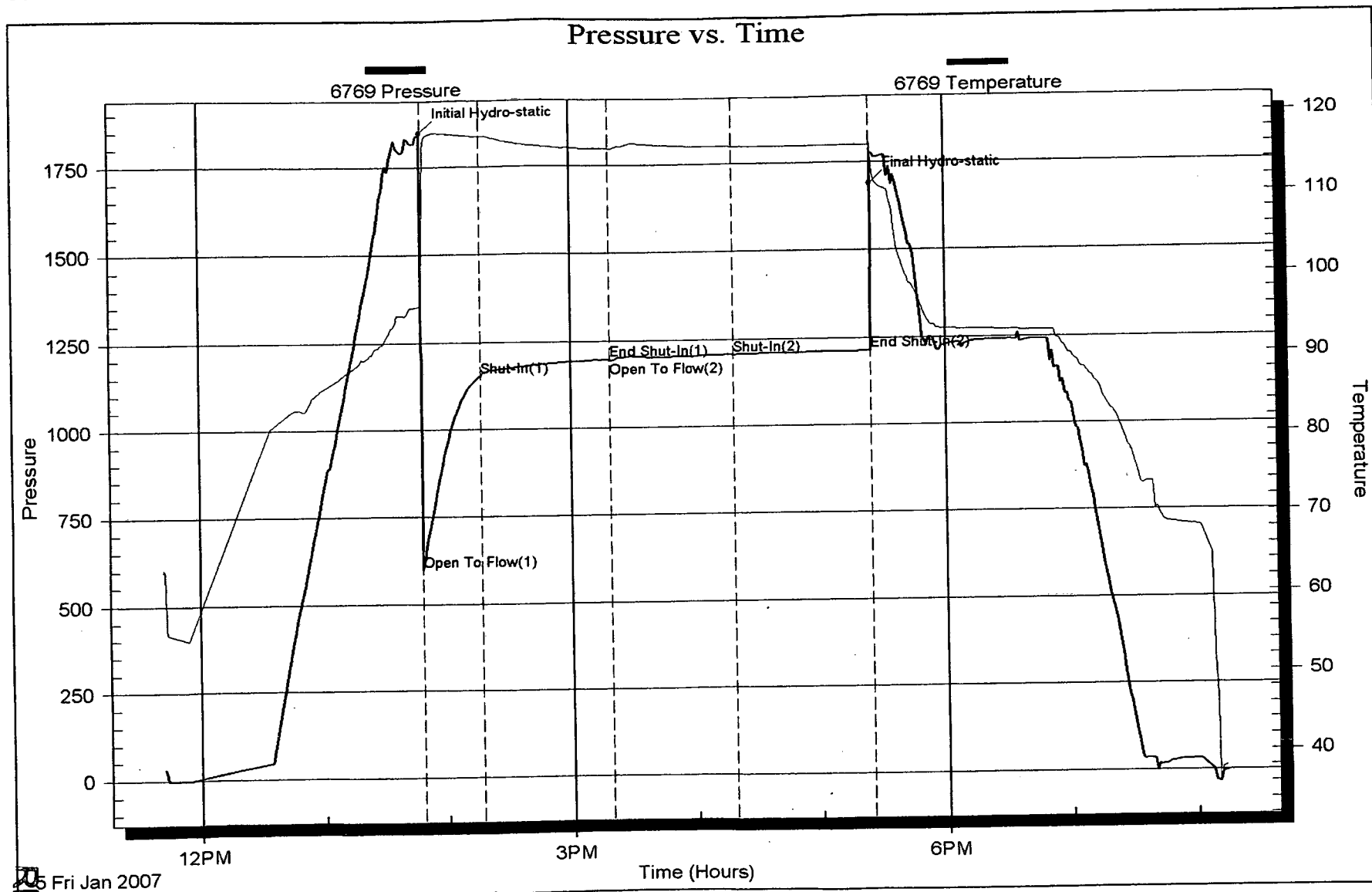
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



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obite Testing, Inc

Ref. No: 27283

1-26-09



MURFIN
DRILLING
CO., INC.



CONTRACTORS AND PRODUCERS

KCC
JAN 26 2007
CONFIDENTIAL

January 26, 2007

Kansas Corporation Commission
Conservation Division
130 S Market, Room 2078
Wichita, Ks 67202

Re: **Confidential Filing** : ACO-1
API #15-065-23270-0000
Eileen #1-34

Attn: Rick Hesterman

Dear Rick:

Please find following the above referenced confidential filing for the Eileen 1-34.
We have requested that this information be kept confidential for a two year period.

Let me know if you need any further information on this.

Sincerely,

Sue Brady
Production Assistant

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