

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

RECEIVED  
KANSAS CORPORATION COMMISSION  
8/11/01  
AUG 01 2001  
Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 32639  
Name: Coral Production Corporation  
Address: 1600 Stout Street, Suite 1500  
City/State/Zip: Denver, Co. 80202  
Purchaser: \_\_\_\_\_  
Operator Contact Person: Jim Weber  
Phone: (303) 623-3573  
Contractor: Name: Murfin Drilling Company, Inc.  
License: 30606  
Wellsite Geologist: Tim Lauer

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. \_\_\_\_\_  
06/09/01      06/16/01      06/16/01  
Spud Date or      Date Reached TD      Completion Date or  
Recompletion Date                Recompletion Date

API No. 15 - 065-22809-0000  
County: Graham  
W/2NWNW Sec. 30 Twp. 9 S. R. 21  East  West  
710 feet from S  (circle one) Line of Section  
480 feet from E  (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE  NW SW  
Lease Name: Smith Well #: 1  
Field Name: Wildcat  
Producing Formation: \_\_\_\_\_  
Elevation: Ground: 2347 ft Kelly Bushing: 2352ft  
Total Depth: 3922 Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 214 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.

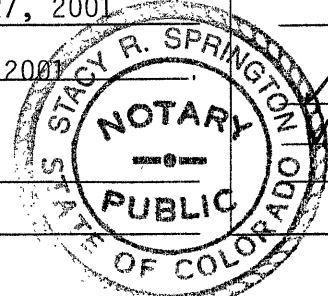
Drilling Fluid Management Plan DYA 8/22/01 JB  
(Data must be collected from the Reserve Pit) 8/22/01  
Chloride content 8,000 ppm Fluid volume 340 bbls  
Dewatering method used allow to dry; then backfill  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease 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: Jim R. Weber  
Title: President Date: July 27, 2001

Subscribed and sworn to before me this 27th day of July, 2001  
19 \_\_\_\_\_  
Notary Public: Stacy R. Spring  
Date Commission Expires: My Commission Expires 02-01-2005



**KCC Office Use ONLY**  
Letter of Confidentiality Attached  
If Denied, Yes  Date: \_\_\_\_\_  
Wireline Log Received  
Geologist Report Received  
UIC Distribution  
KCC

Operator Name: Coral Production Corporation Lease Name: Smith Well #: 1  
 Sec. 30 Twp. 9 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  Yes  No  
 (Attach Additional Sheets)

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No  
 (Submit Copy)

List All E. Logs Run: ELI Radiation Guard Log from 3922 to 214 ft.  
No other logs run.

Arbuckle Sample top 3917 ft -1565 ft

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Name	Top	Datum
T. Anhydrite	1845	+507
B. Anhydrite	1881	+471
Howard	3264	-912
Topeka	3311	-959
Queen Hill Shale	3455	-1107
Heebner	3518	-1166
Toronto	3543	-1191
T. Lansing	3558	-1206
B. LKC	3776	-1424

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	# Sacjs Used	Type and Percent Additives
surface	12 1/4"	8 5/8"	23#	214 ft	60/40 poz	160	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 (Amount and Kind of Material Used)	Depth

TUBING RECORD		Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input 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  Vented  Sold  Used on Lease (If vented, Sumit ACO-18.)

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

Production Interval \_\_\_\_\_

# ALLIED CEMENTING CO., INC.

6195

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

SERVICE POINT:

R

DATE <u>6-9-01</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION <u>6:30 pm</u>	JOB START <u>6:45 pm</u>	JOB FINISH <u>7:00 pm</u>
LEASE <u>Smith</u>	WELL # <u>1</u>	LOCATION <u>Redlin - Boque Rd</u>			COUNTY <u>Graham</u>	STATE <u>K</u>	
OLD OR <u>NEW</u> (Circle one)				<u>N 3/4w</u>			

CONTRACTOR M. J. J. #8

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 214

CASING SIZE 8 7/8 DEPTH 214

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 10-15'

PERFS.

DISPLACEMENT 17 3/4

EQUIPMENT

PUMP TRUCK CEMENTER Mark

# 345 HELPER Dave

BULK TRUCK DRIVER Darin

# 160

BULK TRUCK DRIVER

#

OWNER ORIGINAL

CEMENT AMOUNT ORDERED 160 com 3%cc 2%gel

COMMON	<u>160</u>	@	<u>665</u>	<u>1064.00</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>10.00</u>	<u>30.00</u>
CHLORIDE	<u>5</u>	@	<u>30.00</u>	<u>150.00</u>
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>168</u>	@	<u>1.00</u>	<u>184.80</u>
MILEAGE	<u>48.5K / mile</u>			<u>456.76</u>
TOTAL				<u>1885.76</u>

REMARKS:

Cement circ.

Thanks

SERVICE

DEPTH OF JOB

PUMP TRUCK CHARGE 528.00

EXTRA FOOTAGE @

MILEAGE 68 @ 3.00 204.00

PLUG 8 7/8 wood @ 45.00

@

@

TOTAL 769.00

CHARGE TO: Coral Prod.

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

RECEIVED  
FLOAT EQUIPMENT  
KANSAS CORPORATION COMMISSION

AUG 01 2001

CONSERVATION DIVISION

To Allied Cementing Co., Inc.  
You are hereby requested to rent cementing equipment and furnish cementer and helper 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 & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE Larry Pickner

TAX \_\_\_\_\_

TOTAL CHARGE \_\_\_\_\_

DISCOUNT 265.48 IF PAID IN 30 DAYS

LARRY PICKNER  
PRINTED NAME

Jul-26-01 01:25P

P.02

ORIGINAL

# ALLIED CEMENTING CO., INC. 6200

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

SERVICE POINT: R

RECEIVED  
KANSAS CORPORATION COMMISSION

AUG 01 2001

CONSERVATION DIVISION

DATE	SEC	TWP	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
6-16-01					7:45 am	8:00 am	11:30 am
LEASE	Smith	WELL # 1	LOCATION Red line & Bygones Rd.			COUNTY Graham	STATE Ka
OLD OR NEW (Circle one)			IN 1/2 W Side				

CONTRACTOR <u>Munson's</u>	OWNER
TYPE OF JOB <u>Dr.</u>	
HOLE SIZE _____ T.D. _____	CEMENT
CASING SIZE _____ DEPTH _____	AMOUNT ORDERED <u>225 1/4 bag</u>
TUBING SIZE _____ DEPTH _____	<u>1/4 lb ft</u>
DRILL PIPE <u>4 1/2</u> DEPTH <u>3870</u>	
TOOL _____ DEPTH _____	
PRES. MAX _____ MINIMUM _____	COMMON <u>135</u> @ <u>6.45</u> <u>897.75</u>
MEAS. LINE _____ SHOE JOINT _____	POZMIN <u>90</u> @ <u>3.45</u> <u>310.50</u>
CEMENT LEFT IN CSG. _____	GEL <u>11</u> @ <u>10.00</u> <u>110.00</u>
PERFS. _____	CHLORIDE _____ @ _____
DISPLACEMENT _____	Florenal <u>57.00</u> @ <u>1.40</u> <u>79.80</u>
EQUIPMENT	
PUMP TRUCK CEMENTER <u>Mack</u>	HANDLING <u>236</u> @ <u>1.15</u> <u>259.40</u>
# <u>345</u> HELPER <u>Tom</u>	MILEAGE <u>4.45</u> /mile <u>660.00</u>
BULK TRUCK # <u>791</u> DRIVER <u>Shane</u>	TOTAL <u>2327.45</u>
BULK TRUCK # _____ DRIVER _____	

REMARKS:

SERVICE

25 4" C	3860
25 5" C	1875
100 5" C	1075
40 5" C	265
10 5" C	40
15 5" C	Rathole
10 5" C	Munson's

DEPTH OF JOB	
PUMP TRUCK CHARGE	<u>630.00</u>
EXTRA FOOTAGE	@ _____
MILEAGE <u>70</u>	@ <u>3.00</u> <u>210.00</u>
PLUG <u>9 1/2 bag</u>	@ _____ <u>25.00</u>
TOTAL	<u>863.00</u>

CHARGE TO: Coral Pond  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

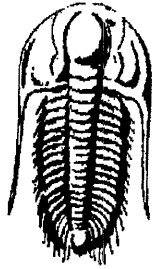
FLOAT EQUIPMENT

To Allied Cementing Co., Inc.  
 You are hereby requested to rent cementing equipment and furnish cementer and helper 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 & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TOTAL	_____
TAX	_____
TOTAL CHARGE	_____
DISCOUNT	_____ IF PAID IN 30 DAYS

SIGNATURE Larry Pickner

LARRY PICKNER  
 PRINTED NAME



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: Coral Prod. Corp.

1600 Stout St. Suite 1500  
Denver, Co. 80202

ATTN: Jim Weber

ORIGINAL

30-9s-21w Graham

Smith #1

Start Date: 2001.06.13 @ 09:58:43

End Date: 2001.06.13 @ 18:00:13

Job Ticket #: 15430 DST #: 1

RECEIVED  
KANSAS CORPORATION

AUG 01 2001

CONSERVATION DIVISION

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

Coral Prod. Corp.

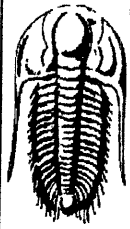
Smith #1

30-9s-21w Graham

DST # 1

LKC-A-B-C

2001.06.13



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Coral Prod. Corp.  
1600 Stout St. Suite 1500  
Denver, Co. 80202  
ATTN: Jim Weber

**Smith #1**  
**30-9s-21w Graham**  
Job Ticket: 15430      **DST#: 1**  
Test Start: 2001.06.13 @ 09:58:43

## GENERAL INFORMATION:

Formation: **LKC.-A-B-C**  
Deviated: **No Whipstock**      ft (KB)  
Time Tool Opened: 12:03:13  
Time Test Ended: 18:00:13

Test Type: **Conventional Bottom Hole**  
Tester: **John Schmidt**  
Unit No: **18**

Interval: **3555.00 ft (KB) To 3610.00 ft (KB) (TVD)**  
Total Depth: **3610.00 ft (KB) (TVD)**  
Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **2355.00 ft (KB)**  
**2350.00 ft (CF)**  
KB to GR/CF: **5.00 ft**

**Serial #: 3227**

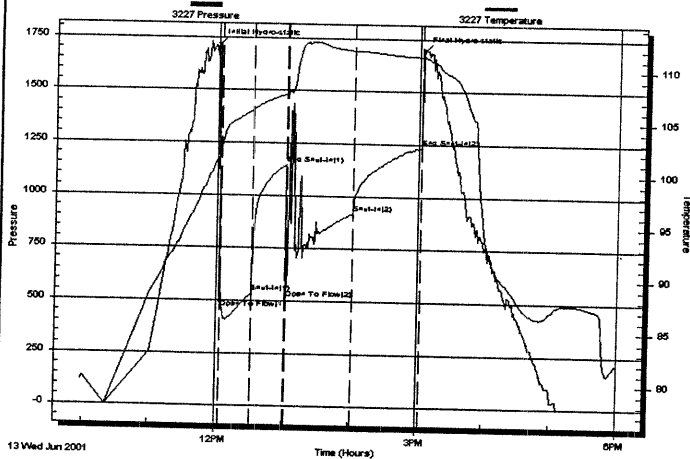
**Inside**

Press@RunDepth: **919.94 psig @ 3560.01 ft (KB)**  
Start Date: **2001.06.13**      End Date: **2001.06.13**  
Start Time: **09:58:45**      End Time: **18:00:13**

Capacity: **7000.00 psig**  
Last Calib.: **2001.01.13**  
Time On Btm: **2001.06.13 @ 12:00:43**  
Time Off Btm: **2001.06.13 @ 15:04:13**

**TEST COMMENT:** IF-Strong B.O.B.in 30 sec. IS-no blow  
FF-Strong B.O.B.in 1min&30sec. FS-no blow

Pressure vs. Time



## PRESSURE SUMMARY

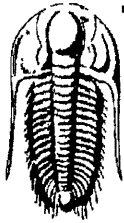
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1718.20	101.31	Initial Hydro-static
3	458.45	101.92	Open To Flow (1)
31	535.73	106.10	Shut-In(1)
61	1145.44	107.63	End Shut-In(1)
62	549.69	107.59	Open To Flow (2)
122	919.94	111.80	Shut-In(2)
182	1235.23	111.29	End Shut-In(2)
184	1696.83	111.32	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
120.00	Watery mud 45%W 55%M	0.59
1765.00	Mud	24.18

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

FLUID SUMMARY

Coral Prod. Corp.  
1600 Stout St. Suite 1500  
Denver, Co. 80202  
ATTN: Jim Weber

**Smith #1**  
**30-9s-21w Graham**  
Job Ticket: 15430      DST#: 1  
Test Start: 2001.06.13 @ 09:58:43

## 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:	12500 ppm
Viscosity: 53.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.75 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: ppm			
Filter Cake: inches			

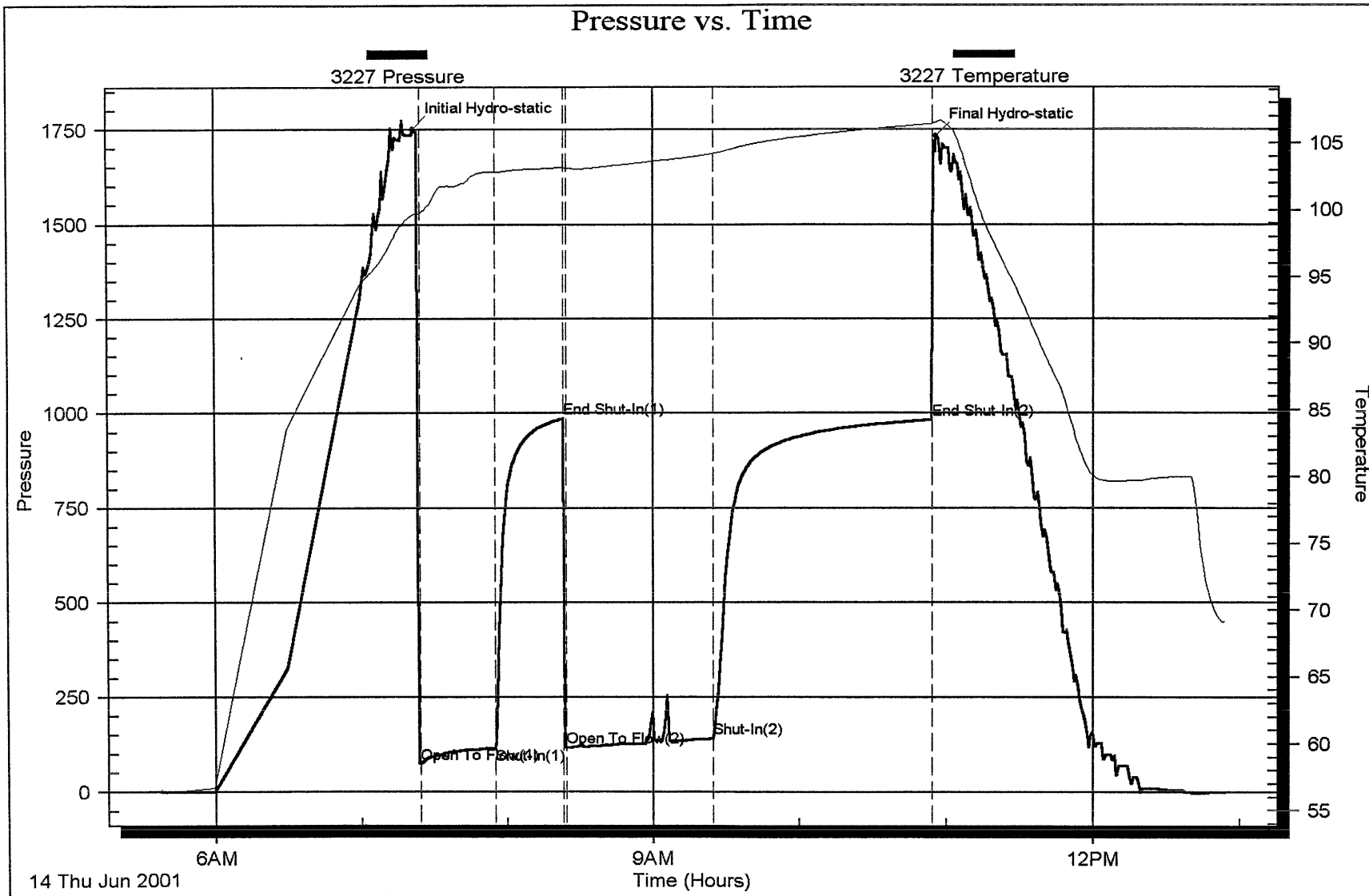
## Recovery Information

Recovery Table

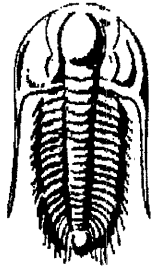
Length ft	Description	Volume bbl
120.00	Watery mud 45%W 55%M	0.590
1765.00	Mud	24.175

ORIGINAL

Total Length: 1885.00 ft      Total Volume: 24.765 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments:







**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **Coral Prod. Corp.**

1600 Stout St. Suite 1500  
Denver, Co. 80202

ATTN: Jim Weber

**30--9s--21w Graham**

**Smith #1**

Start Date: 2001.06.14 @ 05:37:24

End Date: 2001.06.14 @ 12:53:54

Job Ticket #: 15431                      DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Coral Prod. Corp.

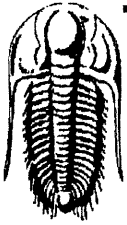
Smith #1

30--9s--21w Graham

DST # 2

LKC-D-E-F

2001.06.14



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Coral Prod. Corp.  
1600 Stout St. Suite 1500  
Denver, Co. 80202  
ATTN: Jim Weber

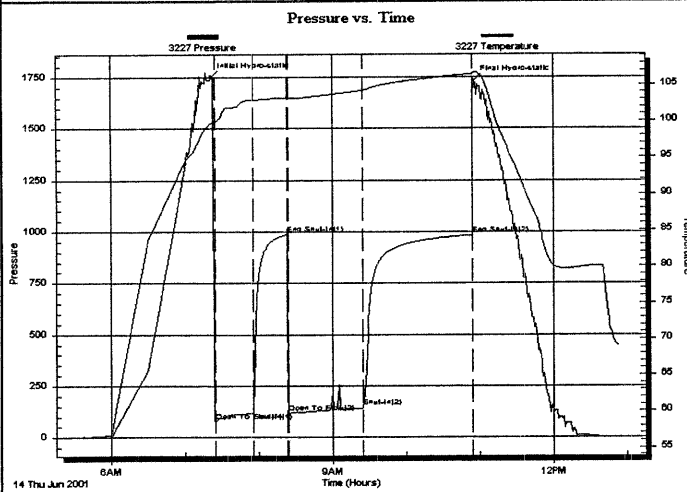
**Smith #1**  
**30--9s--21w Graham**  
Job Ticket: 15431      DST#: 2  
Test Start: 2001.06.14 @ 05:37:24

### GENERAL INFORMATION:

Formation: **LKC-D-E-F**  
Deviated: No Whipstock:      ft (KB)  
Time Tool Opened: 07:24:09  
Time Test Ended: 12:53:54  
Interval: **3610.00 ft (KB) To 3650.00 ft (KB) (TVD)**  
Total Depth: 3610.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Fair  
Test Type: Conventional Bottom Hole  
Tester: John Schmidt  
Unit No: 18  
Reference Elevations: 2355.00 ft (KB)  
2350.00 ft (CF)  
KB to GR/CF: 5.00 ft

**Serial #: 3227      Inside**  
Press@RunDepth: 142.24 psig @ 3614.01 ft (KB)      Capacity: 7000.00 psig  
Start Date: 2001.06.14      End Date: 2001.06.14      Last Calib.: 2001.01.14  
Start Time: 05:37:26      End Time: 12:53:54      Time On Btm: 2001.06.14 @ 07:21:24  
Time Off Btm: 2001.06.14 @ 10:55:24

**TEST COMMENT:** IF-Weak Blow 2" in Lost 8' mud had 4" surge 1st open. ISI no blow  
FF- Weak blow 3" in FSI no blow



### PRESSURE SUMMARY

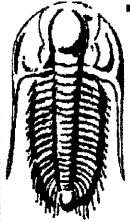
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1750.51	99.66	Initial Hydro-static
3	76.01	99.76	Open To Flow (1)
34	116.64	102.85	Shut-In(1)
62	987.51	103.22	End Shut-In(1)
63	118.53	103.14	Open To Flow (2)
123	142.24	104.24	Shut-In(2)
213	983.44	106.45	End Shut-In(2)
214	1733.22	106.58	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
180.00	H-O-G-C-W-M 5%gas 25%oil 18%w ater	0.89mud
60.00	H-O-C-M25%oil 75% mud	0.81
30.00	O-C-M 5%oil 95% mud	0.42

### Gas Rates

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



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**FLUID SUMMARY**

Coral Prod. Corp.

**Smith #1**

1600 Stout St. Suite 1500  
Denver, Co. 80202

**30--9s--21w Graham**

Job Ticket: 15431

**DST#: 2**

ATTN: Jim Weber

Test Start: 2001.06.14 @ 05:37:24

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil Apt:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

19000 ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.77 in<sup>3</sup>

Gas Cushion Type:

Gas Cushion Pressure:

psig

Resistivity: ohm.m

Salinity: ppm

Filter Cake: inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
180.00	H-O-G-C-W-M 5%gas 25%oil 18%w ater 52%	0.885
60.00	H-O-C-M25%oil 75%mud	0.805
30.00	O-C-M 5%oil 95% mud	0.421

Total Length: 270.00 ft

Total Volume: 2.111 bbl

Num Fluid Samples: 0

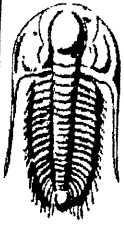
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

TOOL DIAGRAM

Coral Prod. Corp.  
1600 Stout St. Suite 1500  
Denver, Co. 80202

Smith #1

30--9s--21w Graham

Job Ticket: 15431

DST#: 2

ATTN: Jim Weber

Test Start: 2001.06.14 @ 05:37:24

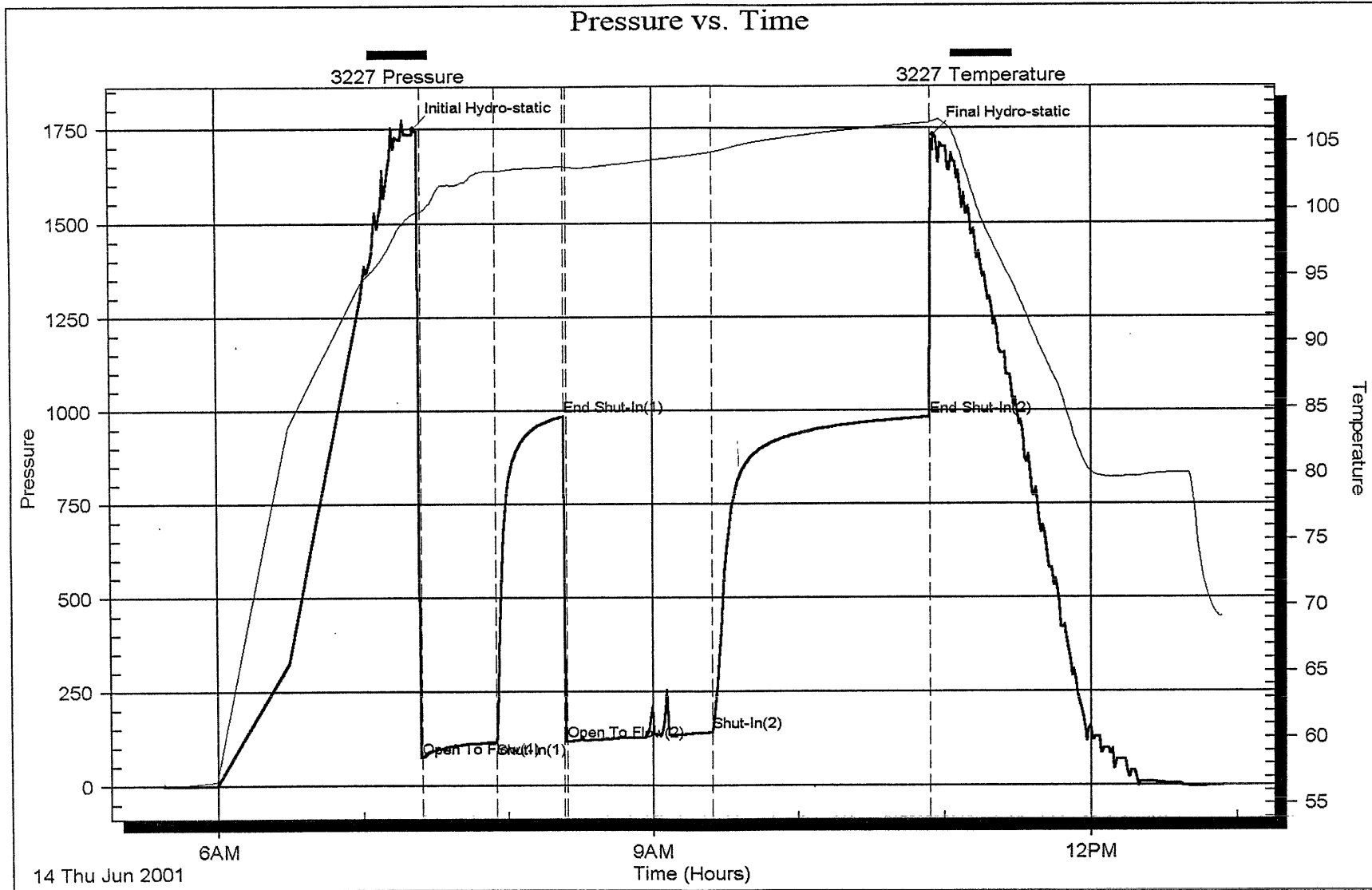
## Tool Information

Drill Pipe:	Length: 3431.00 ft	Diameter: 3.80 inches	Volume: 48.13 bbl	Tool Weight: 3000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 184.00 ft	Diameter: 2.25 inches	Volume: 0.90 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 49.03 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	3610.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	40.02 ft			
Tool Length:	60.02 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

## Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			3591.00	
S.I. Tool	5.00			3596.00	
HMV	5.00			3601.00	
Packer	4.00			3605.00	20.00 Bottom Of Top Packer
Packer	5.00			3610.00	
Stubb	1.00			3611.00	
Perforations	3.00			3614.00	
Recorder	0.01	3227	Inside	3614.01	
Perforations	33.00			3647.01	
Recorder	0.01	13308	Outside	3647.02	
Bullnose	3.00			3650.02	40.02 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>60.02</b>				

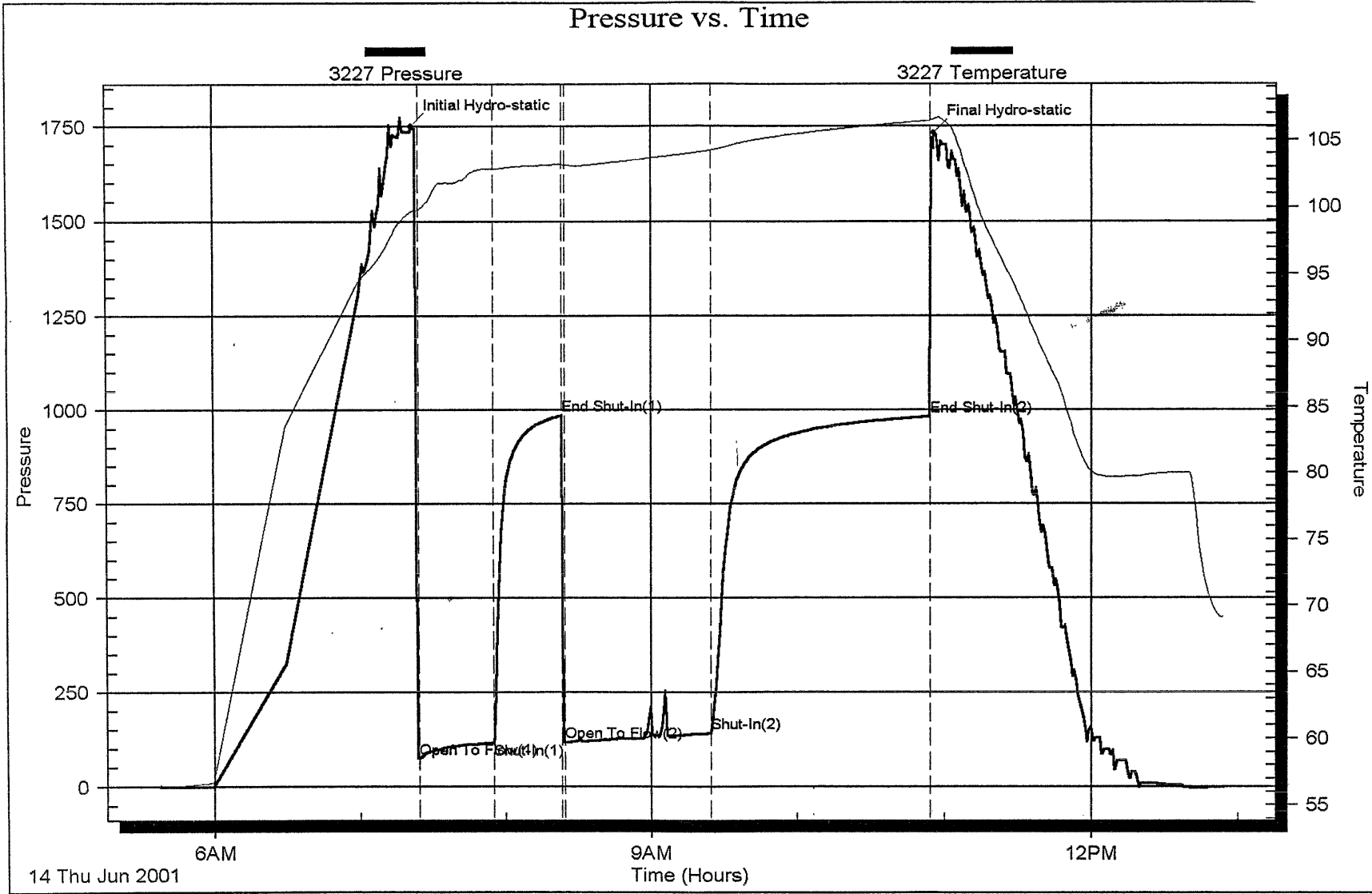


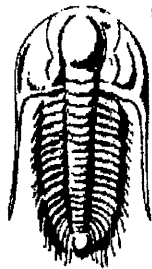
Serial #: 3227

Inside Coral Prod. Corp.

30--9s--21w Graham

DST Test Number





**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **Coral Prod. Corp.**

1600 Stout St. Suite 1500  
Denver, Co. 80202

ATTN: Jim Weber

**30--9s--21w Graham**

**Smith #1**

Start Date: 2001.06.14 @ 23:17:32

End Date: 2001.06.15 @ 06:09:32

Job Ticket #: 15432                      DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Coral Prod. Corp.

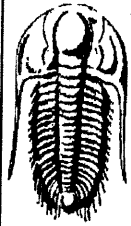
Smith #1

30--9s--21w Graham

DST # 3

LKC-H-I-J

2001.06.14



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Coral Prod. Corp.  
1600 Stout St. Suite 1500  
Denver, Co. 80202  
ATTN: Jim Weber

**Smith #1**  
**30-9s-21w Graham**  
Job Ticket: 15432      **DST#: 3**  
Test Start: 2001.06.14 @ 23:17:32

### GENERAL INFORMATION:

Formation: **LKC- H-I-J**  
Deviated: **No** Whipstock:      ft (KB)  
Time Tool Opened: 01:08:17  
Time Test Ended: 06:09:32  
**Interval: 3700.00 ft (KB) To 3740.00 ft (KB) (TVD)**  
Total Depth: 3610.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole  
Tester: John Schmidt  
Unit No: 18  
Reference Elevations: 2355.00 ft (KB)  
2350.00 ft (CF)  
KB to GR/CF: 5.00 ft

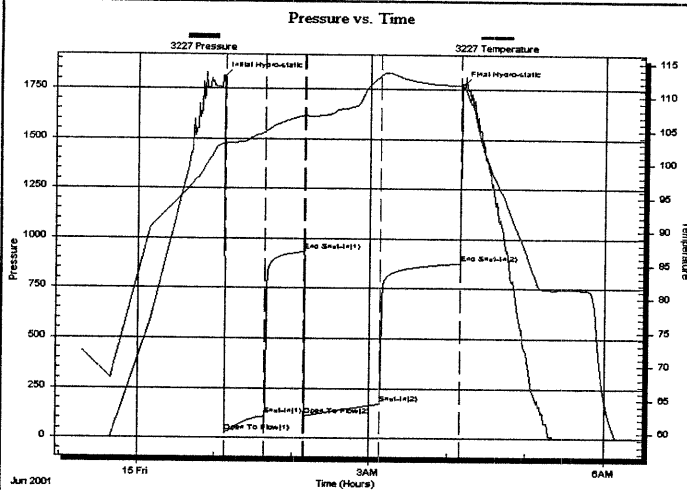
### Serial #: 3227

Inside

Press@RunDepth: 172.74 psig @ 3704.01 ft (KB)  
Start Date: 2001.06.14      End Date: 2001.06.15  
Start Time: 23:17:34      End Time: 06:09:32

Capacity: 7000.00 psig  
Last Calib.: 2001.01.15  
Time On Btm: 2001.06.15 @ 01:06:32  
Time Off Btm: 2001.06.15 @ 04:10:47

TEST COMMENT: IF-Weak built to 6" in IS-no blow Tool Slid 2' To Bottom  
FF-Weak built to 7" in FSI-no blow



### PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1808.89	102.99	Initial Hydro-static
2	23.08	103.01	Open To Flow (1)
33	109.11	104.80	Shut-In(1)
63	933.42	107.20	End Shut-In(1)
64	111.70	107.16	Open To Flow (2)
121	172.74	113.11	Shut-In(2)
184	876.60	111.68	End Shut-In(2)
185	1770.91	111.76	Final Hydro-static

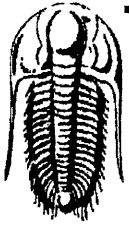
### Recovery

Length (ft)	Description	Volume (bbl)
330.00	Muddy Water	2.95

### Gas Rates

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





**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Coral Prod. Corp.  
1600 Stout St. Suite 1500  
Denver, Co. 80202  
ATTN: Jim Weber

**Smith #1**  
**30--9s--21w Graham**  
Job Ticket: 15432      **DST#: 3**  
Test Start: 2001.06.14 @ 23:17:32

**Mud and Cushion Information**

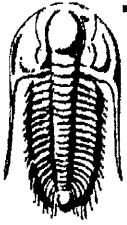
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	29000 ppm
Viscosity: 52.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.58 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: ppm			
Filter Cake: inches			

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
330.00	Muddy Water	2.953

Total Length: 330.00 ft      Total Volume: 2.953 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments:



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

TOOL DIAGRAM

Coral Prod. Corp.  
1600 Stout St. Suite 1500  
Denver, Co.80202  
ATTN: Jim Weber

**Smith #1**  
**30-9s-21w Graham**  
Job Ticket: 15432      **DST#: 3**  
Test Start: 2001.06.14 @ 23:17:32

### Tool Information

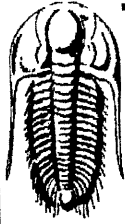
Drill Pipe:	Length: 3525.00 ft	Diameter: 3.80 inches	Volume: 49.45 bbl	Tool Weight: 3000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 184.00 ft	Diameter: 2.25 inches	Volume: 0.90 bbl	Weight to Pull Loose: 54000.00 lb
			<u>Total Volume: 50.35 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	29.00 ft			String Weight: Initial 44000.00 lb
Depth to Top Packer:	3700.00 ft			Final 44000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	40.02 ft			
Tool Length:	60.02 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

C.O. Sub	1.00			3681.00	
S.I. Tool	5.00			3686.00	
HMV	5.00			3691.00	
Packer	4.00			3695.00	20.00 Bottom Of Top Packer
Packer	5.00			3700.00	
Stubb	1.00			3701.00	
Perforations	3.00			3704.00	
Recorder	0.01	3227	Inside	3704.01	
Perforations	33.00			3737.01	
Recorder	0.01	13308	Outside	3737.02	
Bullnose	3.00			3740.02	40.02 Bottom Packers & Anchor

**Total Tool Length: 60.02**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

FLUID

Coral Prod. Corp.  
1600 Stout St. Suite 1500  
Denver, Co. 80202  
ATTN: Jim Weber

Smith #1  
30-9s-21w Graham  
Job Ticket: 15431  
Test Start: 2001.06.14 @ 05:37:2

## Mud and Cushion Information

Mud Type: Gel Chem  
Mud Weight: 9.00 lb/gal  
Viscosity: 46.00 sec/qt  
Water Loss: 8.77 in<sup>3</sup>  
Resistivity: ohm.m  
Salinity: ppm  
Filter Cake: inches

Cushion Type:  
Cushion Length: ft  
Cushion Volume: bbl  
Gas Cushion Type:  
Gas Cushion Pressure: psig  
Oil API:  
Water Salinity:

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
180.00	H-O-G-C-W-M 5%gas 25%oil 18%water 52%	0.885
60.00	H-O-C-M 25%oil 75%mud	0.805
30.00	O-C-M 5%oil 95% mud	0.421

Total Length: 270.00 ft      Total Volume: 2.111 bbl

Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
Laboratory Name:      Laboratory Location:  
Recovery Comments:

