

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 9262
Name: Lowry Exploration, Inc.
Address: 427 S. Boston, Ste. 1702
City/State/Zip: Tulsa, OK 74103
Purchaser: _____
Operator Contact Person: R. G. Lowry
Phone: (918) 587-5094
Contractor: Name: Cheyenne
License: 05382
Wellsite Geologist: R. G. Lowry

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>2-21-02</u>	<u>3-1-02</u>	<u>3-2-02</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 071-207510000
County: Greeley
____ NW NE Sec. 15 Twp. 20 S. R. 42 East West
330 feet from S / (N) (circle one) Line of Section
2100 feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) (NE) SE NW SW
Lease Name: Dearld Smith Well #: 1-15
Field Name: wildcat
Producing Formation: none
Elevation: Ground: 3757 Kelly Bushing: 3768
Total Depth: 5306 Plug Back Total Depth: -
Amount of Surface Pipe Set and Cemented at 491 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 AKL 24 7-8-02
(Data must be collected from the Reserve Pit)
Chloride content 4000 ppm Fluid volume 800 bbls
Dewatering method used evaporation
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 on 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: R. G. Lowry
Title: President Date: 3-4-02

Subscribed and sworn to before me this 4th day of March,
19 2002.

Notary Public: Tracy A. Milligan
Date Commission Expires: Feb. 20, 2006

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



Operator Name: Lowry Exploration, Inc. Lease Name: Dearld Smith Well #: 1-15
 Sec. 15 Twp. 20 S. R. 42 East West County: Greeley

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:
 DIL/CDL-CNL

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Base Heebner	4033	-265
Morrow Shale	5066	-1300

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	17 1/2	13 3/8	48	491	Comm	375	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 _____

ORIGINAL

ALLIED CEMENTING CO., INC. 09231

Federal Tax I.D.#

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

SERVICE POINT: Oakley

API# 15-071-20751-00-00

DATE <u>2-21-02</u>	SEC. <u>15</u>	TWP. <u>20</u>	RANGE <u>42</u>	CALLER	ON LOCATION <u>11:30 AM</u>	JOB START <u>3:30 AM</u>	JOB FINISH <u>4:30 PM</u>
LEASE <u>Dearld Smith</u>	WELL# <u>1-15</u>	LOCATION <u>Tribune</u>	<u>115-104-14-W.S.</u>	COUNTY <u>Greely</u>	STATE <u>Kan</u>		
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Cherokee Drilling Co #5

TYPE OF JOB Surface ✓

HOLE SIZE 17" T.D. 500'

CASING SIZE 13 3/8 DEPTH 494'

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX 300# MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 30'

PERFS. _____

DISPLACEMENT 73 BBL

EQUIPMENT _____

PUMP TRUCK CEMENTER Walt

102 HELPER Walt

BULK TRUCK _____

361 DRIVER Tacrol

BULK TRUCK _____

_____ DRIVER _____

OWNER Same

CEMENT

AMOUNT ORDERED 375 sks com

3% CC - 7% Cal

COMMON	<u>375 sks</u>	@	<u>9.85</u>	<u>2,943.75</u>
POZMIX		@		
GEL	<u>7 sks</u>	@	<u>10.00</u>	<u>70.00</u>
CHLORIDE	<u>12 sks</u>	@	<u>30.00</u>	<u>360.00</u>
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>394 sks</u>	@	<u>1.10</u>	<u>433.40</u>
MILEAGE	<u>44 pax sk/mi to</u>			<u>1,260.80</u>
TOTAL				<u>5,067.95</u>

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MAR 20 2002
KCC WICHITA

REMARKS:

Cement Did Circ ✓

Approx 20 BBL in Pit

Shut in @ 150#

[Signature]

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____ 630.00

EXTRA FOOTAGE _____ @ _____

MILEAGE 80 miles @ 3.00 240.00

PLUG _____ @ _____

_____ @ _____

_____ @ _____

TOTAL 870.00

CHARGE TO: Lowry Exploration, Inc

STREET _____

CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

13 3/8

2- Centralizers @ 88.00 176.00

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

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.

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE [Signature]

[Signature]
PRINTED NAME

ORIGINAL

ALLIED CEMENTING CO., INC.

09252

Federal Tax I.D.#

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

SERVICE POINT:

API# 15-071-20751-00-00

Oakley

DATE 3-2-02	SEC. 15	TWP. 20c	RANGE 42w	CALLED OUT	ON LOCATION 9:30 PM	JOB START 5:45 AM	JOB FINISH 8:30 AM
LEASE Dearld Smith	WELL# 1-15	LOCATION Tribune 1/5 10w 1w 1w			COUNTY Greeley	STATE KS	
OLD OR NEW (Circle one)							

CONTRACTOR Cheyenne Drilg Rig 5

TYPE OF JOB PTT

HOLE SIZE 7 7/8 T.D. 5300'

CASING SIZE _____ DEPTH _____

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH 1880'

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT _____

OWNER Same

CEMENT AMOUNT ORDERED 27.5 sks 60/40 per 67 Gal 24 1/2 54

COMMON	177 sks	@ 7.85	1389.45
POZMIX	118 sks	@ 3.55	418.90
GEL	1.5 sks	@ 10.00	15.00
CHLORIDE		@	
Flt Seal	74 #	@ 1.40	103.60
		@	
		@	
		@	
		@	
HANDLING	311 sks	@ 1.10	342.10
MILEAGE	49 per sk/mile		995.20

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MAR 20 2002

EQUIPMENT KCC WICHITA

PUMP TRUCK CEMENTER Dean

191 HELPER Andrew / Wynne

BULK TRUCK DRIVER Fuzz

268

BULK TRUCK DRIVER _____

TOTAL 3379.25

REMARKS:

- 1st Plug 1880' w/ 50 sks
- 2nd Plug 1300' w/ 80 sks
- 3rd Plug 750' w/ 40 sks
- 4th Plug 520' w/ 80 sks
- 40' 20 sks
- 15 sks Bat Hole
- 10 sks Mouse Hole

Thank you

SERVICE

DEPTH OF JOB		1880'
PUMP TRUCK CHARGE		520.00
EXTRA FOOTAGE	@	
MILEAGE	30 miles @ 3.00	240.00
PLUG	@	
	@	
	@	

TOTAL 760.00

CHARGE TO: Lowry Exploration

STREET _____

CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	

TOTAL _____

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.

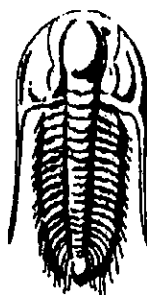
TAX		
TOTAL CHARGE	4159.25	
DISCOUNT	415.92	
	3743.33	IF PAID IN 30 DAYS

SIGNATURE Tom A. [Signature]

PRINTED NAME

15-071-20751-00-00

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JUL 08 2002
KCC WICHITA



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Ex-Terra Inc.**

801 Hunters Point
Catoosa, OK 74015

ATTN: R. G. Lowery

15-20S-42W Cheyenne

Derald Smith #1-15

Start Date: 2002.03.01 @ 23:45:05

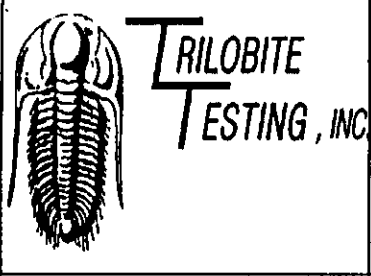
End Date: 2002.03.02 @ 08:18:45

Job Ticket #: 15040 DST #: 1

Ex-Terra Inc. Derald Smith #1-15 15-20S-42W Cheyenne DST # 1 Morrow 2002.03.01

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

15-071-20751-00-00



DRILL STEM TEST REPORT

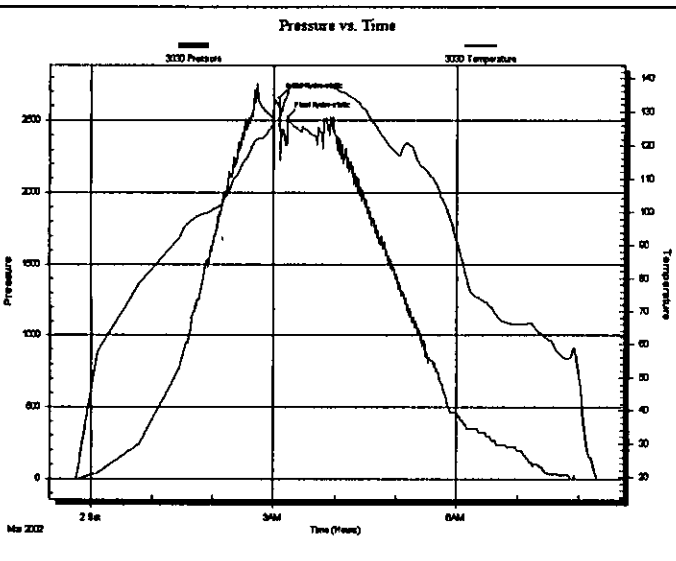
Ex-Terra Inc. Derald Smith #1-15
 801 Hunters Point 15-20S-42W Cheyenne
 Catoosa, OK 74015 Job Ticket: 15040 DST#: 1
 ATTN: R. G. Lowery Test Start: 2002.03.01 @ 23:45:05

GENERAL INFORMATION:

Formation: **Morrow**
 Deviated: **No Whipstock** ft (KB) **RECEIVED**
 Time Tool Opened: 03:05:00 **JUL 08 2002** Test Type: Conventional Bottom Hole
 Time Test Ended: 08:18:45 **KCC WICHITA** Tester: Rod Steinbrink
 Interval: **5086.00 ft (KB) To 5175.00 ft (KB) (TVD)** Reference Elevations: 3767.00 ft (KB)
 Total Depth: **5306.00 ft (KB) (TVD)** 3757.00 ft (CF)
 Hole Diameter: **7.88 inches** Hole Condition: Fair KB to GR/CF: 10.00 ft

Serial #: **3030** Inside
 Press@RunDepth: psig @ **5087.00 ft (KB)** Capacity: 7000.00 psig
 Start Date: 2002.03.01 End Date: 2002.03.02 Last Calib.: 1899.12.30
 Start Time: 23:45:05 End Time: 08:18:45 Time On Btm: 2002.03.02 @ 03:05:00
 Time Off Btm: 2002.03.02 @ 03:13:30

TEST COMMENT: misrun packer failure

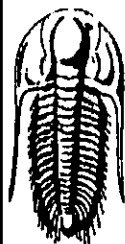


PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2653.55	128.44	Initial Hydro-static
9	2515.42	136.01	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
1085.00	Drig. Mud	9.28

Gas Rates			
	Choke (Inches)	Pressure (psig)	Gas Rate (Mc/K)

15-071-20751-00-00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Ex-Terra Inc.

Derald Smith #1-15

801 Hunters Point
Catoosa, OK 74015

15-20S-42W Cheyenne

Job Ticket: 15040

DST#: 1

ATTN: R. G. Lowery

Test Start: 2002.03.01 @ 23:45:05

Tool Information

Drill Pipe:	Length: 4423.00 ft	Diameter: 3.80 inches	Volume: 62.04 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 652.00 ft	Diameter: 2.25 inches	Volume: 3.21 bbl	Weight to Pull Loose: 110000.0 lb
			<u>Total Volume: 65.25 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 100000.0 lb
Depth to Top Packer:	5086.00 ft			Final 100000.0 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	220.00 ft			
Tool Length:	247.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

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JUL 08 2002
KCC WICHITA

Tool Comments:

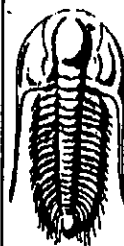
Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

S.I Tool	5.00			5084.00		
HMV	5.00			5089.00		
Jars	5.00			5074.00		
Safety Joint	2.00			5076.00		
Packer	5.00			5081.00	27.00	Bottom Of Top Packer
Packer	5.00			5086.00		
Stubb	1.00			5087.00		
Recorder	0.00	3030	inside	5087.00		
Perforations	3.00			5090.00		
C.O. Sub	1.00			5091.00		
Anchor	62.00			5153.00		
C.O. Sub	1.00			5154.00		
Recorder	0.00	13276	Outside	5154.00		
Perforations	15.00			5169.00		
Blank Off Sub	1.00			5170.00	220.00	Tool Interval
Packer	5.00			5175.00		
Recorder	0.00	13371	Below	5175.00		
C.O. Sub	1.00			5176.00		
Blank Spacing	124.00			5300.00		
C.O. Sub	1.00			5301.00		
Bullnose	5.00			5306.00	1000246.00	Bottom Packers & Anchor

Total Tool Length: 247.00

15-071-20751-00-00



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Ex-Terra Inc.	Derald Smith #1-15
801 Hunters Point Catoosa, OK 74015	15-20S-42W Cheyenne
ATTN: R. G. Lowery	Job Ticket: 15040 DST#: 1
	Test Start: 2002.03.01 @ 23:45:05

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: 60.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.18 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4000.00 ppm			
Filter Cake: inches			

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JUL 08 2002

Recovery Information

Recovery Table

KCC WICHITA

Length ft	Description	Volume bbl
1085.00	Drig. Mud	9.280

Total Length: 1085.00 ft Total Volume: 9.280 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

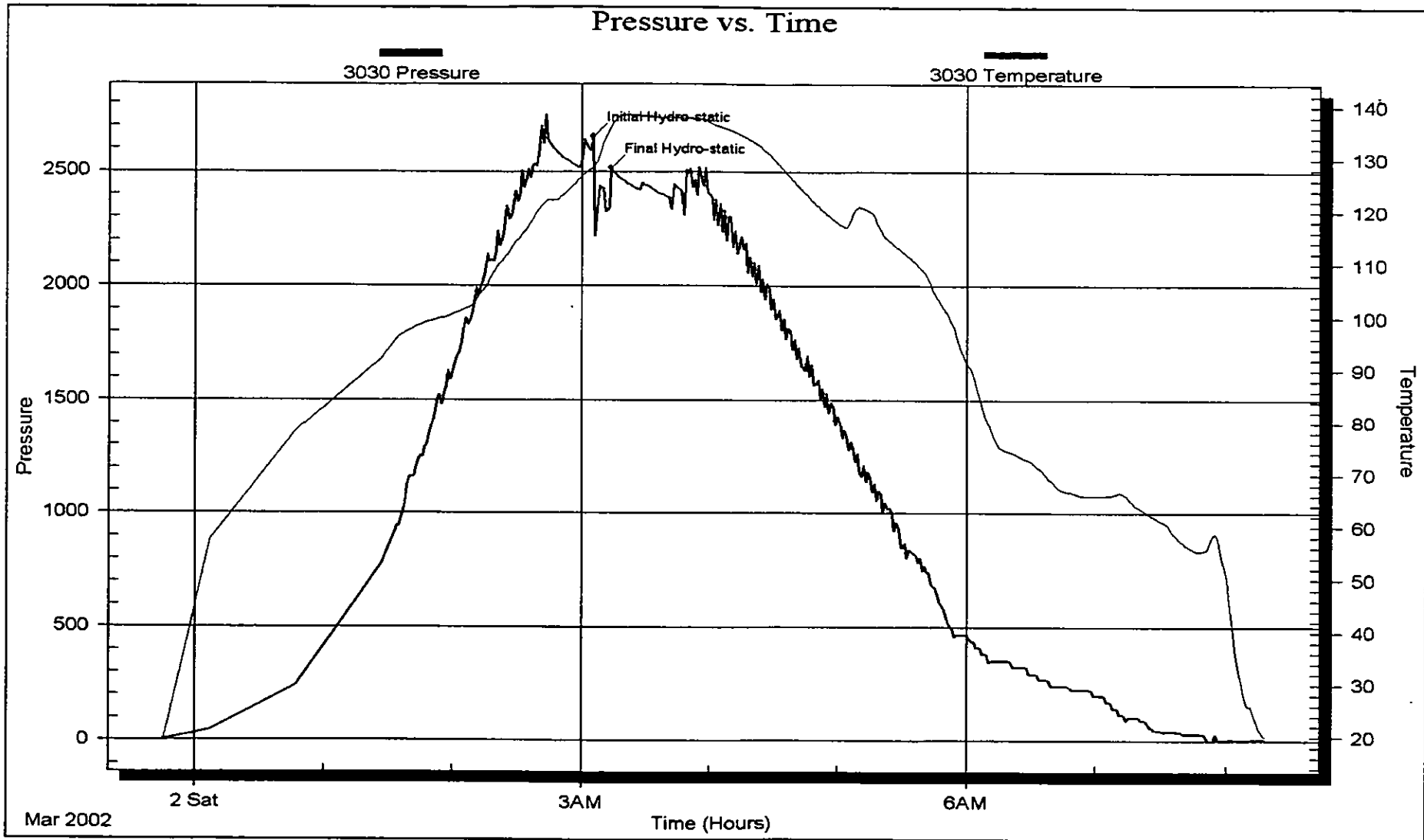
Recovery Comments:

Serial #: 3030

Inside Ex-Terra Inc.

15-20S-42W Cheyenne

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 15040

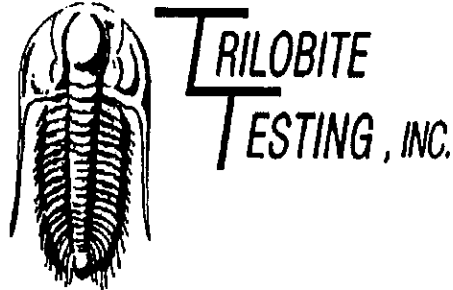
KCC WICHTA
 JUL 0 8 2002

Printed: 2002.03.05 @ 09:04:16 Page

15-071-20751-00-00

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RECEIVED
JUL 08 2002
KCC WICHITA



DRILL STEM TEST REPORT

Prepared For: **Ex-Terra Inc.**

801 Hunters Point
Catoosa, OK 74015

ATTN: R. G. Lowery

15-20S-42W Cheyenne

Derald Smith #1-15

Start Date: 2002.03.02 @ 09:30:23

End Date: 2002.03.02 @ 20:16:08

Job Ticket #: 15041 DST #: 2

Ex-Terra Inc.

Derald Smith #1-15

15-20S-42W Cheyenne

DST # 2

Morrow

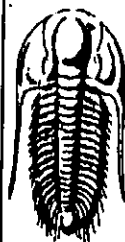
2002.03.02

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

15-071-20751-00-00



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Ex-Terra Inc.
801 Hunters Point
Catoosa, OK 74015

Derald Smith #1-15
15-20S-42W Cheyenne
Job Ticket: 15041 DST#: 2
Test Start: 2002.03.02 @ 09:30:23

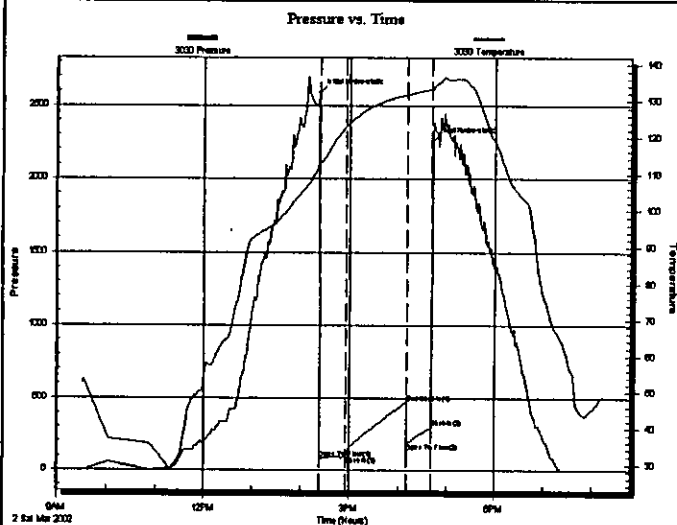
ATTN: R. G. Lowery

GENERAL INFORMATION:

Formation: **Morrow**
Deviated: **No** Whipstock: ft (KB) **RECEIVED**
Time Tool Opened: 14:22:37
Time Test Ended: 20:16:08
Interval: **4988.00 ft (KB) To 5175.00 ft (KB) (TVD)** **KCC WICHITA**
Total Depth: **5306.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Fair**
Reference Elevations: **3767.00 ft (KB)**
3757.00 ft (CF)
KB to GRVCF: **10.00 ft**

Serial #: **3030** Inside
Press@RunDepth: **95.85 psig @ 4989.00 ft (KB)** Capacity: **7000.00 psig**
Start Date: **2002.03.02** End Date: **2002.03.02** Last Calib.: **1899.12.30**
Start Time: **09:30:28** End Time: **20:16:08** Time On Btm: **2002.03.02 @ 14:22:07**
Time Off Btm: **2002.03.02 @ 16:41:37**

TEST COMMENT: **F weak blow to 1"**
ISI no blow
FF- surface blow died in 5 min
FSI no blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2583.68	112.58	Initial Hydro-static
1	78.73	112.83	Open To Flow (1)
33	95.85	122.82	Shut-In(1)
108	465.17	131.78	End Shut-In(1)
109	127.43	131.79	Open To Flow (2)
140	292.92	133.24	Shut-In(2)
140	2250.06	133.26	Final Hydro-static

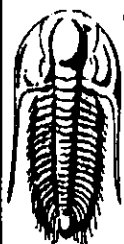
Recovery

Length (ft)	Description	Volume (bbl)
150.00	Drig. Mud	0.74

Gas Rates

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

15-071-20751-00-00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Ex-Terra Inc.

Derald Smith #1-15

801 Hunters Point
Catoosa, OK 74015

15-20S-42W Cheyenne

Job Ticket: 15041

DST#: 2

ATTN: R. G. Lowery

Test Start: 2002.03.02 @ 09:30:23

Tool Information

Drill Pipe:	Length: 4489.00 ft	Diameter: 3.80 inches	Volume: 62.97 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 621.00 ft	Diameter: 2.25 inches	Volume: 3.05 bbl	Weight to Pull Loose: 125000.0 lb
			Total Volume: 66.02 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	149.00 ft			String Weight: Initial 10000.00 lb
Depth to Top Packer:	4988.00 ft			Final 10000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	318.00 ft			
Tool Length:	345.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

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JUL 08 2002

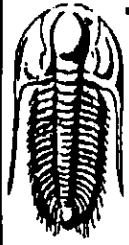
KCC WICHITA

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
S.I Tool	5.00			4966.00	
HMV	5.00			4971.00	
Jars	5.00			4976.00	
Safety Joint	2.00			4978.00	
Packer	5.00			4983.00	27.00 Bottom Of Top Packer
Packer	5.00			4988.00	
Stubb	1.00			4989.00	
Recorder	0.00	3030	Inside	4989.00	
Perforations	3.00			4992.00	
C.O. Sub	1.00			4993.00	
Anchor	155.00			5148.00	
C.O. Sub	1.00			5149.00	
Recorder	0.00	13276	Outside	5149.00	
Perforations	20.00			5169.00	
Blank Off Sub	1.00			5170.00	318.00 Tool Interval
Packer	5.00			5175.00	
Recorder	0.00	13371	Below	5175.00	
C.O. Sub	1.00			5176.00	
Blank Spacing	124.00			5300.00	
C.O. Sub	1.00			5301.00	
Bullnose	5.00			5306.00	1000344.00 Bottom Packers & Anchor

Total Tool Length: 345.00

15-071-20751-00-00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Ex-Terra Inc.
801 Hunters Point
Catoosa, OK 74015

ATTN: R. G. Lowery

Derald Smith #1-15
15-20S-42W Cheyenne
Job Ticket: 15041 DST#: 2
Test Start: 2002.03.02 @ 09:30:23

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: 60.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.18 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4000.00 ppm			
Filter Cake: inches			

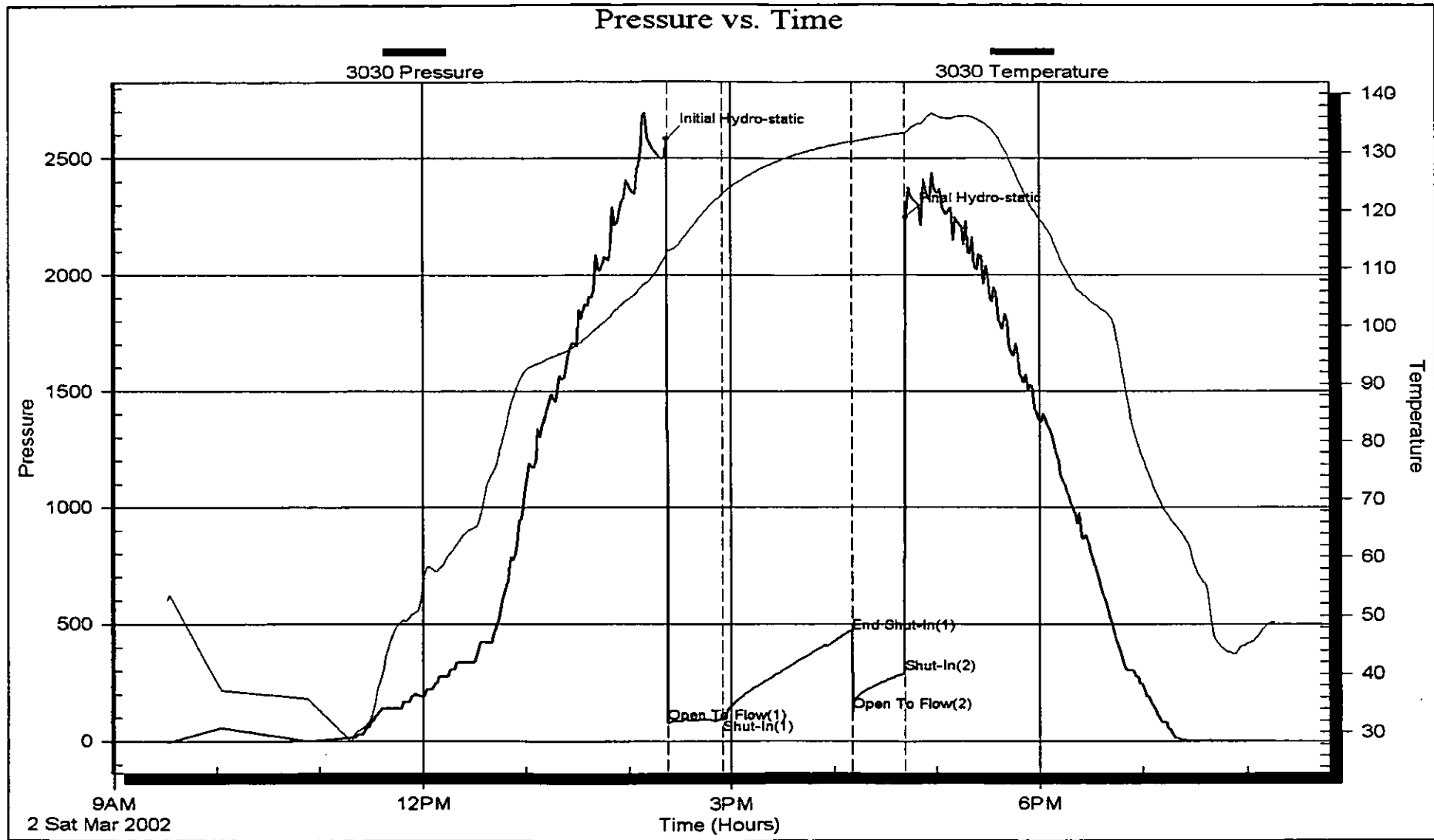
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
150.00	Orig. Mud	0.738

Total Length: 150.00 ft Total Volume: 0.738 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

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JUL 08 2002
KCC WICHITA



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