



KANSAS CORPORATION COMMISSION 1048787
OIL & GAS CONSERVATION DIVISION

Form ACO-1
June 2009

Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 34310
Name: New Age Oil LLC
Address 1: 308 W. 38th St.
Address 2: _____
City: Hays State: KS Zip: 67601 + _____
Contact Person: Travis Rozean
Phone: (785) 623-0473
CONTRACTOR: License # 33575
Name: WW Drilling, LLC
Wellsite Geologist: Marc Downing
Purchaser: None

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
 Gas D&A ENHR SIGW
 OG GSW Temp. Abd.
 CM (Coal Bed Methane)
 Cathodic Other (Core, Expl., 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 Conv. to SWD
 Conv. to GSW
 Plug Back: _____ Plug Back Total Depth
 Commingled Permit #: _____
 Dual Completion Permit #: _____
 SWD Permit #: _____
 ENHR Permit #: _____
 GSW Permit #: _____

<u>11/15/2010</u>	<u>11/21/2010</u>	<u>11/21/2010</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-163-23909-00-00
Spot Description: _____
SE SW NE NE Sec. 12 Twp. 8 S. R. 18 East West
1,140 Feet from North / South Line of Section
950 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Rooks
Lease Name: Carrol Conyac Well #: 5
Field Name: _____
Producing Formation: None
Elevation: Ground: 1916 Kelly Bushing: 1921
Total Depth: 3450 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 219 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

(Data must be collected from the Reserve Pit)

Chloride content: 32000 ppm Fluid volume: 500 bbls
Dewatering method used: Evaporated
Location of fluid disposal if hauled offsite:
Operator Name: _____
Lease Name: _____ License #: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Letter of Confidentiality Received
Date: _____
 Confidential Release Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: Deanna Garrison Date: 01/06/2011

Deanna Garrison



1048787

Operator Name: New Age Oil LLC Lease Name: Carrol Conyac Well #: 5
 Sec. 12 Twp. 8 S. R. 18 East West County: Rooks

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 complete copy of all Electric Wire-line 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 Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: DILDN MICRO SONIC	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> </thead> <tbody> <tr> <td>Anhydrite</td> <td>1266</td> <td>+655</td> </tr> <tr> <td>Topeka</td> <td>2846</td> <td>-925</td> </tr> <tr> <td>Heebner</td> <td>3058</td> <td>-1137</td> </tr> <tr> <td>Toronto</td> <td>3082</td> <td>-1160</td> </tr> <tr> <td>L KC</td> <td>3100</td> <td>-1179</td> </tr> <tr> <td>B KC</td> <td>3324</td> <td>-1403</td> </tr> <tr> <td>Arbuckle</td> <td>3364</td> <td>-1443</td> </tr> </tbody> </table>	Name	Top	Datum	Anhydrite	1266	+655	Topeka	2846	-925	Heebner	3058	-1137	Toronto	3082	-1160	L KC	3100	-1179	B KC	3324	-1403	Arbuckle	3364	-1443
Name	Top	Datum																							
Anhydrite	1266	+655																							
Topeka	2846	-925																							
Heebner	3058	-1137																							
Toronto	3082	-1160																							
L KC	3100	-1179																							
B KC	3324	-1403																							
Arbuckle	3364	-1443																							

CASING RECORD <input checked="" 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	12.25	8.625	23	219	Common	150	3% cc & 2% gel

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing	-			
___ Plug Back TD				
___ Plug Off Zone	-			

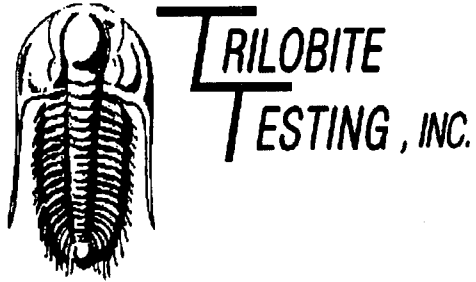
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: Set At: Packer At: Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. Producing Method:
 Flowing Pumping Gas Lift Other (Explain) _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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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 <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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DRILL STEM TEST REPORT

Prepared For: **New Age Oil, LLC**

308 W. 38th St.
Hays, KS 67601

ATTN: Marc Downing

12-8-18 Rooks KS

Carrol Conyac #5

Start Date: 2010.11.18 @ 19:35:51

End Date: 2010.11.19 @ 02:48:51

Job Ticket #: 40999 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

New Age Oil, LLC

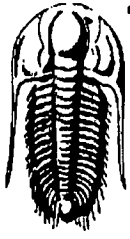
Carrol Conyac #5

12-8-18 Rooks KS

DST # 1

LKC "C.D"

2010.11.18



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

New Age Oil, LLC

308 W. 38th St.
Hays, KS 67601

ATTN: Marc Downing

Carrol Conyac #5

12-8-18 Rooks KS

Job Ticket: 40999

DST#: 1

Test Start: 2010.11.18 @ 19:35:51

GENERAL INFORMATION:

Formation: **LKC "C,D"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:25:21

Time Test Ended: 02:48:51

Test Type: Conventional Bottom Hole

Tester: Brett Dickinson

Unit No: 47

Interval: **3108.00 ft (KB) To 3166.00 ft (KB) (TVD)**

Reference Elevations: 1926.00 ft (KB)

Total Depth: 3166.00 ft (KB) (TVD)

1921.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8319 Inside

Press@RunDepth: 27.65 psig @ 3115.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.11.18

End Date:

2010.11.19

Last Calib.:

2010.11.19

Start Time: 19:35:56

End Time:

02:48:50

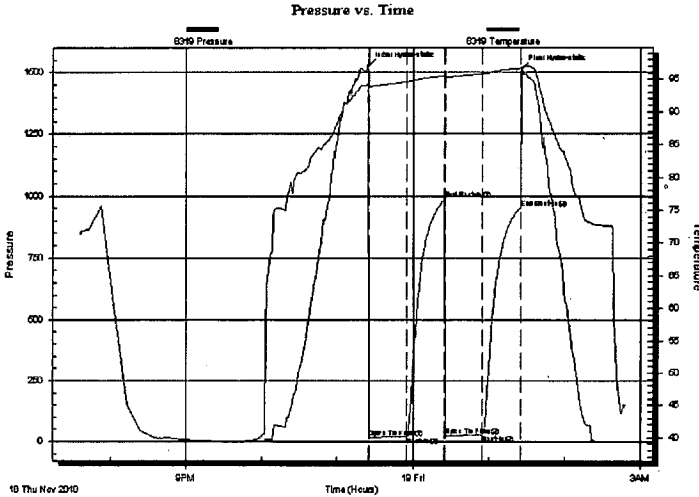
Time On Btm:

2010.11.18 @ 23:24:21

Time Off Btm:

2010.11.19 @ 01:25:51

TEST COMMENT: IF-Very weak surface blow
ISI-No blow
FF-No blow
FSI-No blow



PRESSURE SUMMARY

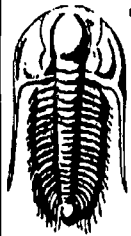
Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	1525.66	94.18	Initial Hydro-static
1	15.61	93.87	Open To Flow (1)
31	20.77	94.62	Shut-In(1)
61	985.24	95.57	End Shut-In(1)
61	22.49	95.32	Open To Flow (2)
90	27.65	95.85	Shut-In(2)
121	952.70	96.64	End Shut-In(2)
122	1513.70	96.82	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Oil scum mud	0.05

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

New Age Oil, LLC

Carrol Conyac #5

308 W. 38th St.
Hays, KS 67601

12-8-18 Rooks KS

Job Ticket: 40999

DST#: 1

ATTN: Marc Downing

Test Start: 2010.11.18 @ 19:35:51

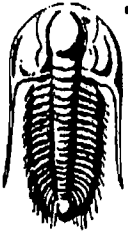
Tool Information

Drill Pipe:	Length: 2990.00 ft	Diameter: 3.80 inches	Volume: 41.94 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 2.70 inches	Volume: - bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 40000.00 lb
			<u>Total Volume: - bbl</u>	Tool Chased ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3108.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	58.00 ft			
Tool Length:	78.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3089.00	
Shut In Tool	5.00			3094.00	
Hydraulic tool	5.00			3099.00	
Packer	4.00			3103.00	20.00 Bottom Of Top Packer
Packer	5.00			3108.00	
Stubb	1.00			3109.00	
Perforations	5.00			3114.00	
Change Over Sub	1.00			3115.00	
Recorder	0.00	8319	Inside	3115.00	
Recorder	0.00	6719	Inside	3115.00	
Blank Spacing	32.00			3147.00	
Change Over Sub	1.00			3148.00	
Perforations	15.00			3163.00	
Bullnose	3.00			3166.00	58.00 Bottom Packers & Anchor

Total Tool Length: 78.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

New Age Oil, LLC

Carrol Conyac #5

308 W. 38th St.
Hays, KS 67601

12-8-18 Rooks KS

Job Ticket: 40999

DST#: 1

ATTN: Marc Downing

Test Start: 2010.11.18 @ 19:35:51

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 74.00 sec/qt
Water Loss: 7.97 in³
Resistivity: ohm.m
Salinity: 1500.00 ppm
Filter Cake: inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

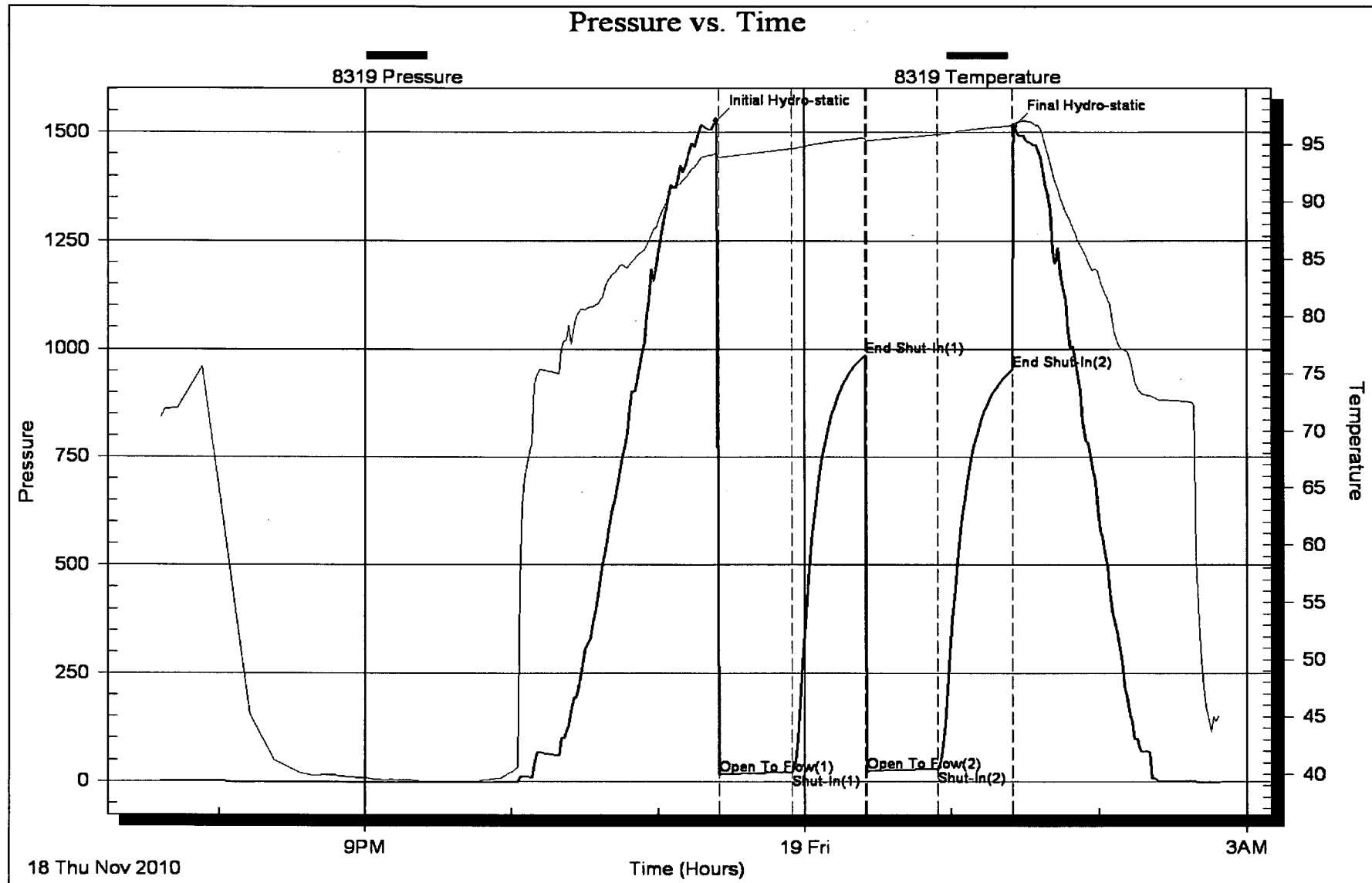
Length ft	Description	Volume bbl
10.00	Oil scum mud	0.049

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:





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

New Age Oil, LLC

Carrol Conyac #5

308 W. 38th St.
Hays, KS 67601

12-8-18 Rooks KS

ATTN: Marc Downing

Job Ticket: 41000

DST#: 2

Test Start: 2010.11.19 @ 09:40:18

GENERAL INFORMATION:

Formation: **KC "F,G"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:03:48

Time Test Ended: 15:50:18

Test Type: Conventional Bottom Hole

Tester: Brett Dickinson

Unit No: 47

Interval: **3161.00 ft (KB) To 3210.00 ft (KB) (TVD)**

Reference Elevations: 1926.00 ft (KB)

Total Depth: 3210.00 ft (KB) (TVD)

1921.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8319

Inside

Press@RunDepth: 106.18 psig @ 3168.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.11.19

End Date: 2010.11.19

Last Calib.: 2010.11.19

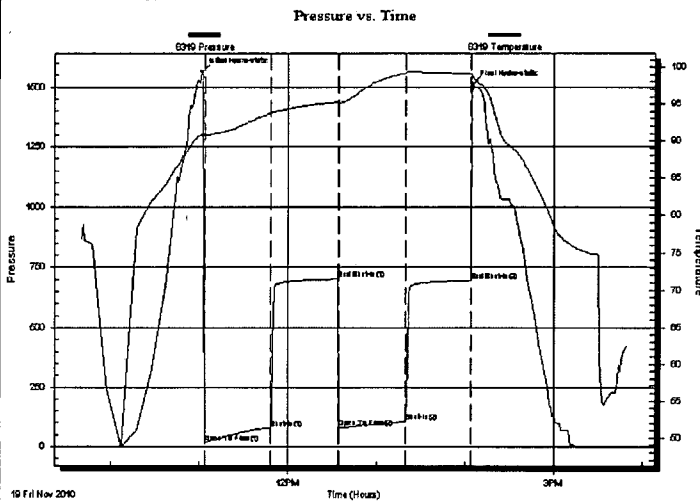
Start Time: 09:40:23

End Time: 15:50:17

Time On Btm: 2010.11.19 @ 11:01:48

Time Off Btm: 2010.11.19 @ 14:05:17

TEST COMMENT: IF-6 1/2in blow
ISI-No blow
FF-6in blow
FSI-No blow



PRESSURE SUMMARY

Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	1563.88	90.85	Initial Hydro-static
2	16.34	90.70	Open To Flow (1)
47	78.91	93.76	Shut-In(1)
92	700.97	95.27	End Shut-In(1)
93	80.01	95.12	Open To Flow (2)
138	106.18	99.19	Shut-In(2)
182	695.59	99.15	End Shut-In(2)
184	1512.33	98.61	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
189.00	WCM 40%W 60%M	1.52
1.00	Free Oil	0.01

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

New Age Oil, LLC

Carrol Conyac #5

308 W. 38th St.
Hays, KS 67601

12-8-18 Rooks KS

Job Ticket: 41000

DST#: 2

ATTN: Marc Downing

Test Start: 2010.11.19 @ 09:40:18

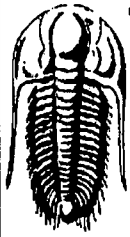
Tool Information

Drill Pipe:	Length: 3022.00 ft	Diameter: 3.80 inches	Volume: 42.39 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 2.70 inches	Volume: - bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 45000.00 lb
			<u>Total Volume: - bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	3161.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	49.00 ft			
Tool Length:	69.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3142.00	
Shut In Tool	5.00			3147.00	
Hydraulic tool	5.00			3152.00	
Packer	4.00			3156.00	20.00 Bottom Of Top Packer
Packer	5.00			3161.00	
Stubb	1.00			3162.00	
Perforations	5.00			3167.00	
Change Over Sub	1.00			3168.00	
Recorder	0.00	8319	Inside	3168.00	
Recorder	0.00	6719	Inside	3168.00	
Blank Spacing	30.00			3198.00	
Change Over Sub	1.00			3199.00	
Perforations	8.00			3207.00	
Bullnose	3.00			3210.00	49.00 Bottom Packers & Anchor

Total Tool Length: 69.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

New Age Oil, LLC

Carrol Conyac #5

308 W. 38th St.
Hays, KS 67601

12-8-18 Rooks KS

Job Ticket: 41000

DST#: 2

ATTN: Marc Downing

Test Start: 2010.11.19 @ 09:40:18

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:

95000 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.97 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
189.00	WCM 40%W 60%M	1.522
1.00	Free Oil	0.014

Total Length: 190.00 ft

Total Volume: 1.536 bbl

Num Fluid Samples: 0

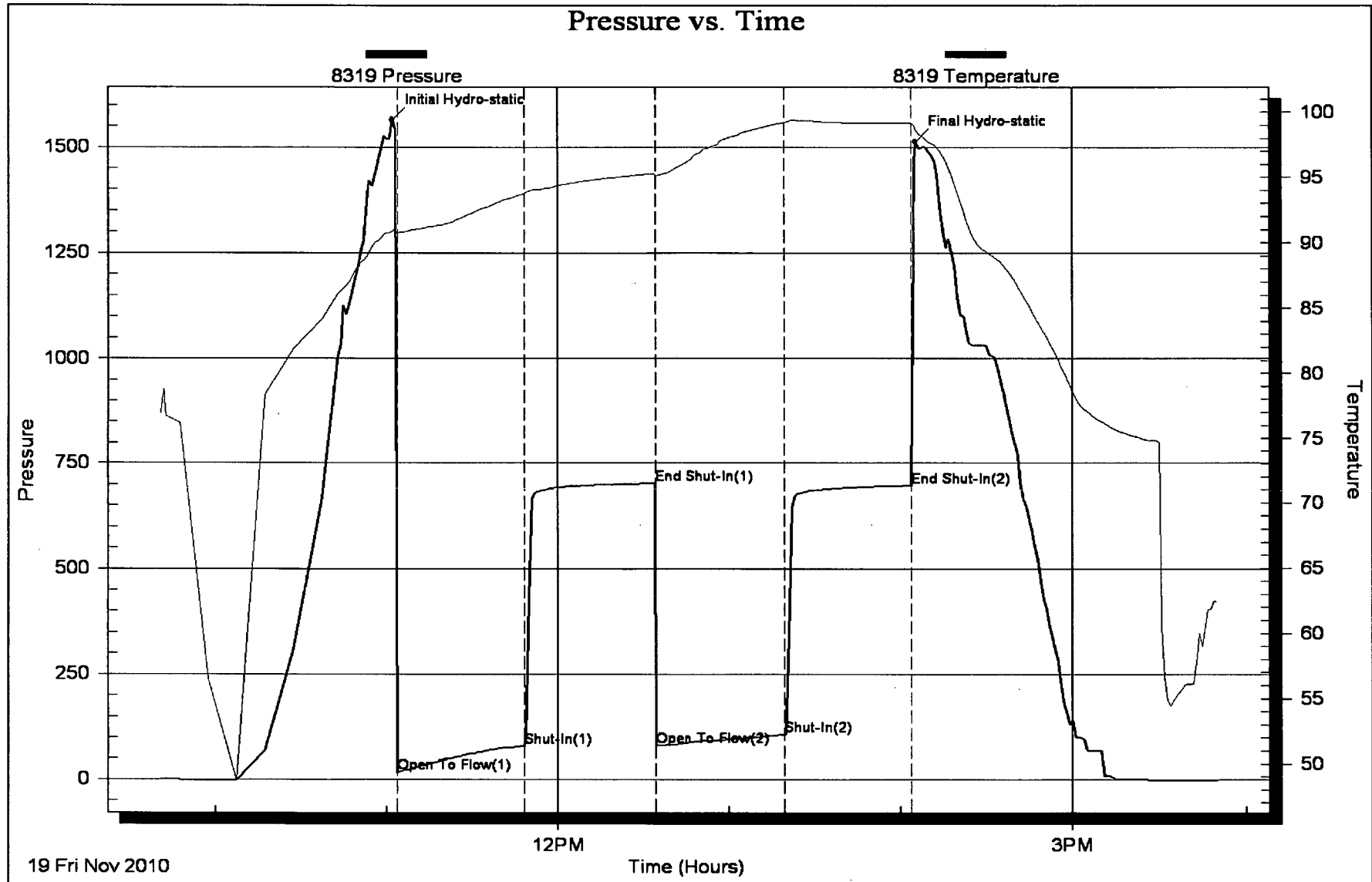
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

New Age Oil, LLC

Carrol Conyac #5

308 W. 38th St.
Hays, KS 67601

12-8-18 Rooks KS

Job Ticket: 41326

DST#: 3

ATTN: Marc Downing

Test Start: 2010.11.20 @ 04:00:28

GENERAL INFORMATION:

Formation: **KC "KL"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:04:58

Time Test Ended: 08:35:28

Test Type: Conventional Bottom Hole

Tester: Brett Dickinson

Unit No: 47

Interval: **3280.00 ft (KB) To 3324.00 ft (KB) (TVD)**

Total Depth: 3324.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1926.00 ft (KB)

1921.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8319

Inside

Press@RunDepth: 22.53 psig @ 3287.00 ft (KB)

Start Date: 2010.11.20

End Date:

2010.11.20

Start Time: 04:00:33

End Time:

08:35:27

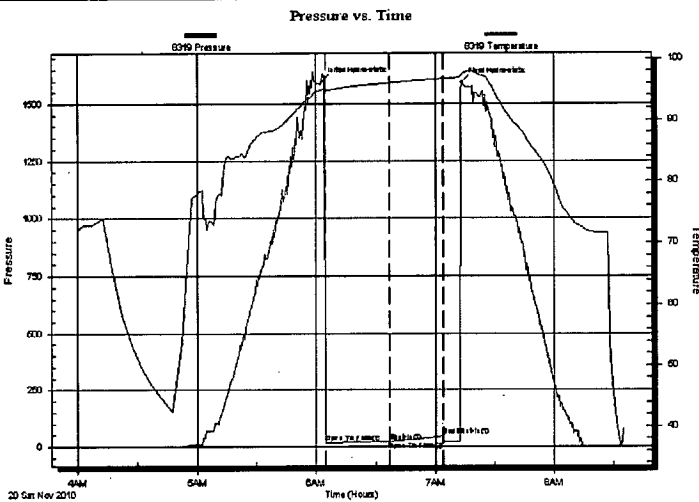
Capacity: 8000.00 psig

Last Calib.: 2010.11.20

Time On Btmr: 2010.11.20 @ 06:02:58

Time Off Btmr: 2010.11.20 @ 07:13:28

TEST COMMENT: IF-Very weak surface blow died in 13 min
IS- No Blow



PRESSURE SUMMARY

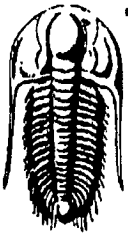
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1596.98	94.86	Initial Hydro-static
2	17.15	94.80	Open To Flow (1)
34	22.53	96.08	Shut-In(1)
61	46.84	96.73	End Shut-In(1)
61	21.85	96.73	Open To Flow (2)
71	1593.87	97.44	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Oil scum Mud	0.02

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

New Age Oil, LLC

Carrol Conyac #5

308 W. 38th St.
Hays, KS 67601

12-8-18 Rooks KS

Job Ticket: 41326

DST#: 3

ATTN: Marc Downing

Test Start: 2010.11.20 @ 04:00:28

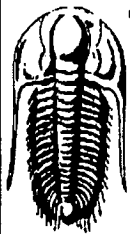
Tool Information

Drill Pipe:	Length: 3143.00 ft	Diameter: 3.80 inches	Volume: 44.09 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 2.70 inches	Volume: - bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 41000.00 lb
			<u>Total Volume: - bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial 41000.00 lb
Depth to Top Packer:	3280.00 ft			Final 41000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	44.00 ft			
Tool Length:	64.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3261.00	
Shut In Tool	5.00			3266.00	
Hydraulic tool	5.00			3271.00	
Packer	4.00			3275.00	20.00 Bottom Of Top Packer
Packer	5.00			3280.00	
Stubb	1.00			3281.00	
Perforations	5.00			3286.00	
Change Over Sub	1.00			3287.00	
Recorder	0.00	8319	Inside	3287.00	
Recorder	0.00	6719	Inside	3287.00	
Blank Spacing	32.00			3319.00	
Change Over Sub	1.00			3320.00	
Perforations	1.00			3321.00	
Bullnose	3.00			3324.00	44.00 Bottom Packers & Anchor

Total Tool Length: 64.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

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Carrol Conyac #5

308 W. 38th St.
Hays, KS 67601

12-8-18 Rooks KS

Job Ticket: 41326

DST#: 3

ATTN: Marc Downing

Test Start: 2010.11.20 @ 04:00:28

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: 51.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.96 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Oil scum Mud	0.025

Total Length: 5.00 ft

Total Volume: 0.025 bbl

Num Fluid Samples: 0

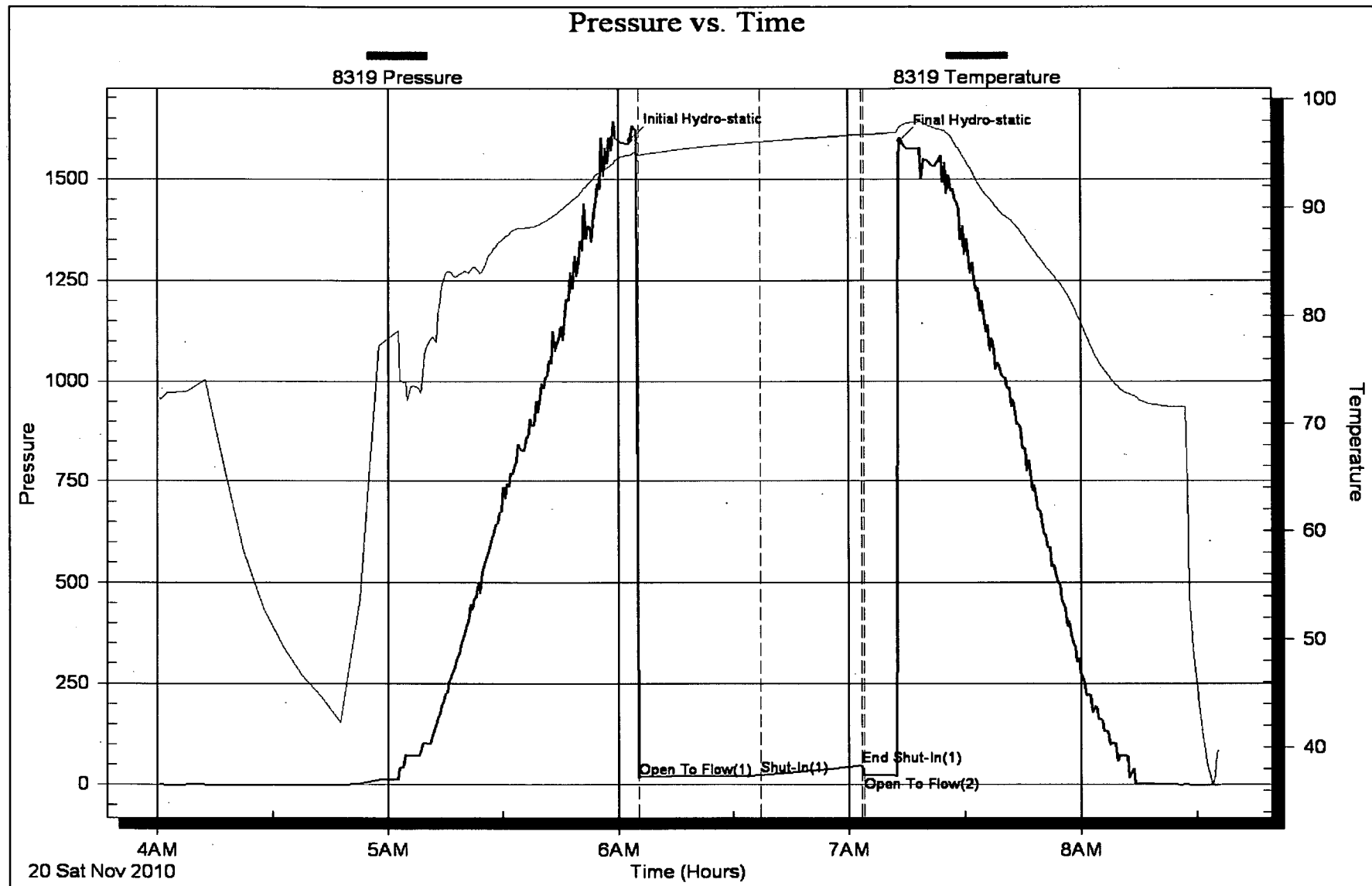
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

New Age Oil, LLC

Carrol Conyac #5

308 W. 38th St.
Hays, KS 67601

12-8-18 Rooks KS

Job Ticket: 41327

DST#: 4

ATTN: Marc Downing

Test Start: 2010.11.20 @ 22:00:13

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:19:43

Time Test Ended: 02:55:13

Test Type: Conventional Straddle

Tester: Brett Dickinson

Unit No: 47

Interval: **3356.00 ft (KB) To 3385.00 ft (KB) (TVD)**

Reference Elevations: 1926.00 ft (KB)

Total Depth: 3451.00 ft (KB) (TVD)

1921.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8319 Inside

Press@RunDepth: 24.20 psig @ 3357.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.11.20

End Date: 2010.11.21

Last Calib.: 2010.11.21

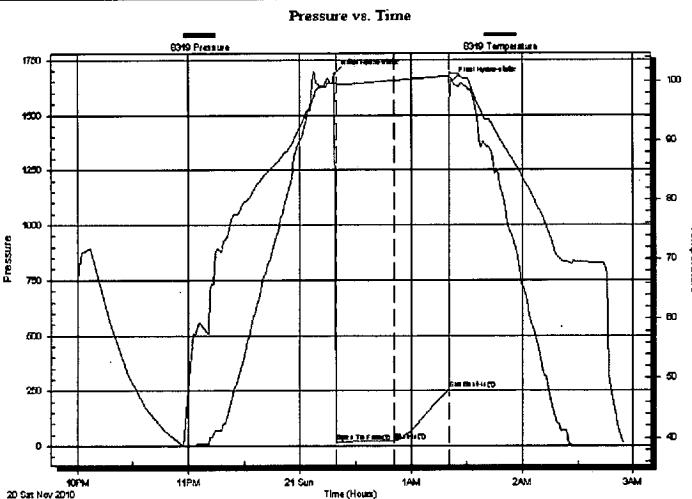
Start Time: 22:00:18

End Time: 02:55:12

Time On Btm: 2010.11.21 @ 00:18:43

Time Off Btm: 2010.11.21 @ 01:22:13

TEST COMMENT: IF- Very weak surface blow died in 10 min
IS- No blow



PRESSURE SUMMARY

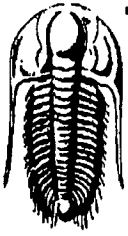
Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	1686.44	99.78	Initial Hydro-static
1	17.00	99.44	Open To Flow (1)
32	24.20	100.10	Shut-In(1)
62	255.82	100.79	End Shut-In(1)
64	1653.58	101.22	Final Hydro-static

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

New Age Oil, LLC

Carrol Conyac #5

308 W. 38th St.
Hays, KS 67601

12-8-18 Rooks KS

Job Ticket: 41327

DST#: 4

ATTN: Marc Downing

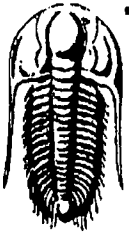
Test Start: 2010.11.20 @ 22:00:13

Tool Information

Drill Pipe:	Length: 3237.00 ft	Diameter: 3.80 inches	Volume: 45.41 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 2.70 inches	Volume: - bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 41000.00 lb
			<u>Total Volume: - bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 41000.00 lb
Depth to Top Packer:	3356.00 ft			Final 41000.00 lb
Depth to Bottom Packer:	3385.00 ft			
Interval between Packers:	29.00 ft			
Tool Length:	118.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3337.00	
Shut In Tool	5.00			3342.00	
Hydraulic tool	5.00			3347.00	
Packer	4.00			3351.00	20.00 Bottom Of Top Packer
Packer	5.00			3356.00	
Stubb	1.00			3357.00	
Recorder	0.00	6719	Outside	3357.00	
Recorder	0.00	8319	Inside	3357.00	
Perforations	24.00			3381.00	
Blank Off Sub	4.00			3385.00	29.00 Tool Interval
Packer	4.00			3389.00	
Stubb	1.00			3390.00	
Recorder	0.00	8369	Below	3390.00	
Perforations	4.00			3394.00	
Change Over Sub	1.00			3395.00	
Blank Spacing	59.00			3454.00	69.00 Bottom Packers & Anchor
Total Tool Length:	118.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

New Age Oil, LLC

Carrol Conyac #5

308 W. 38th St.
Hays, KS 67601

12-8-18 Rooks KS

Job Ticket: 41327

DST#: 4

ATTN: Marc Downing

Test Start: 2010.11.20 @ 22:00:13

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length: 1

ft

Water Salinity:

ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.97 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1500.00 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

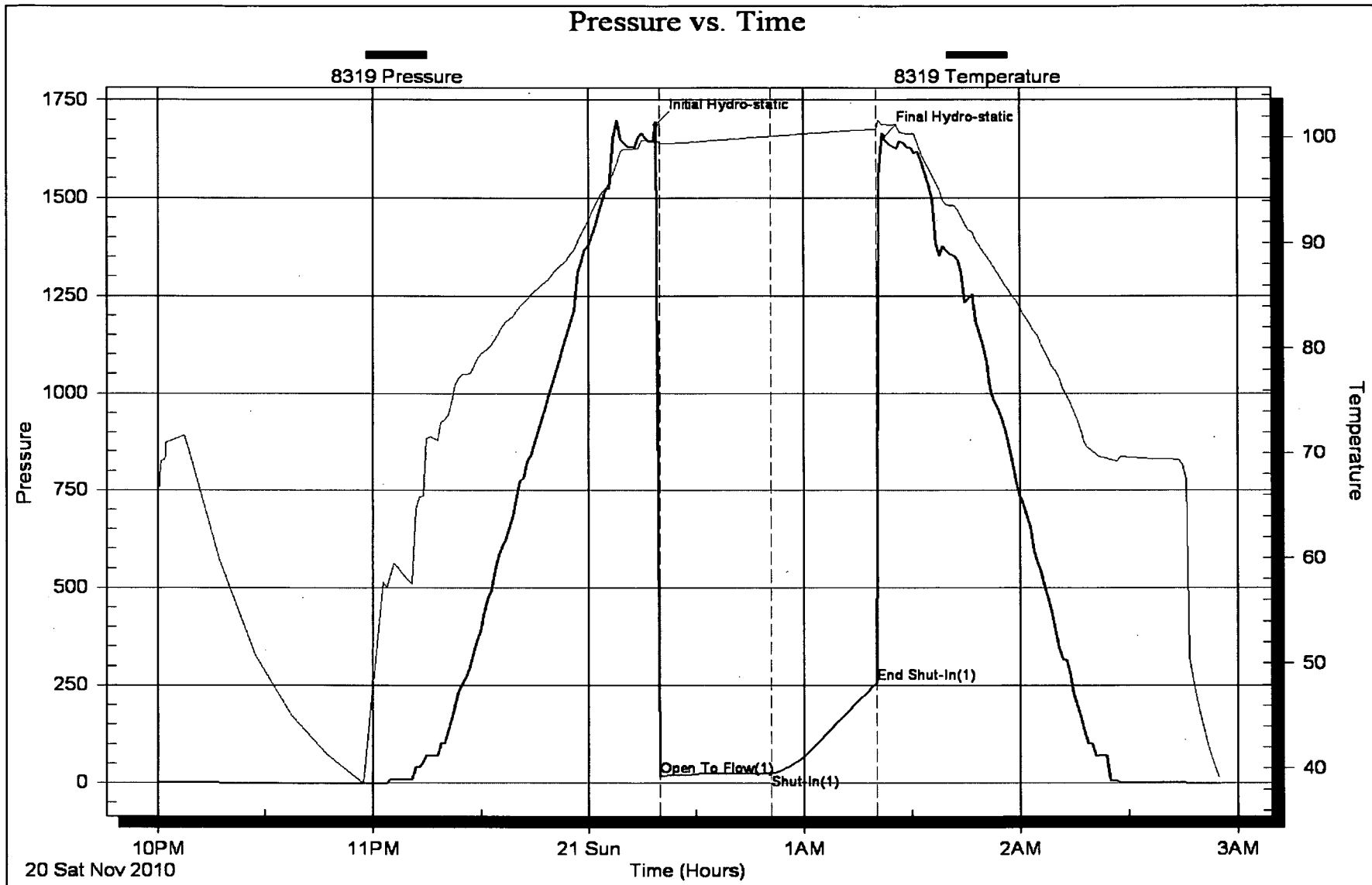
Num Gas Bombs: 0

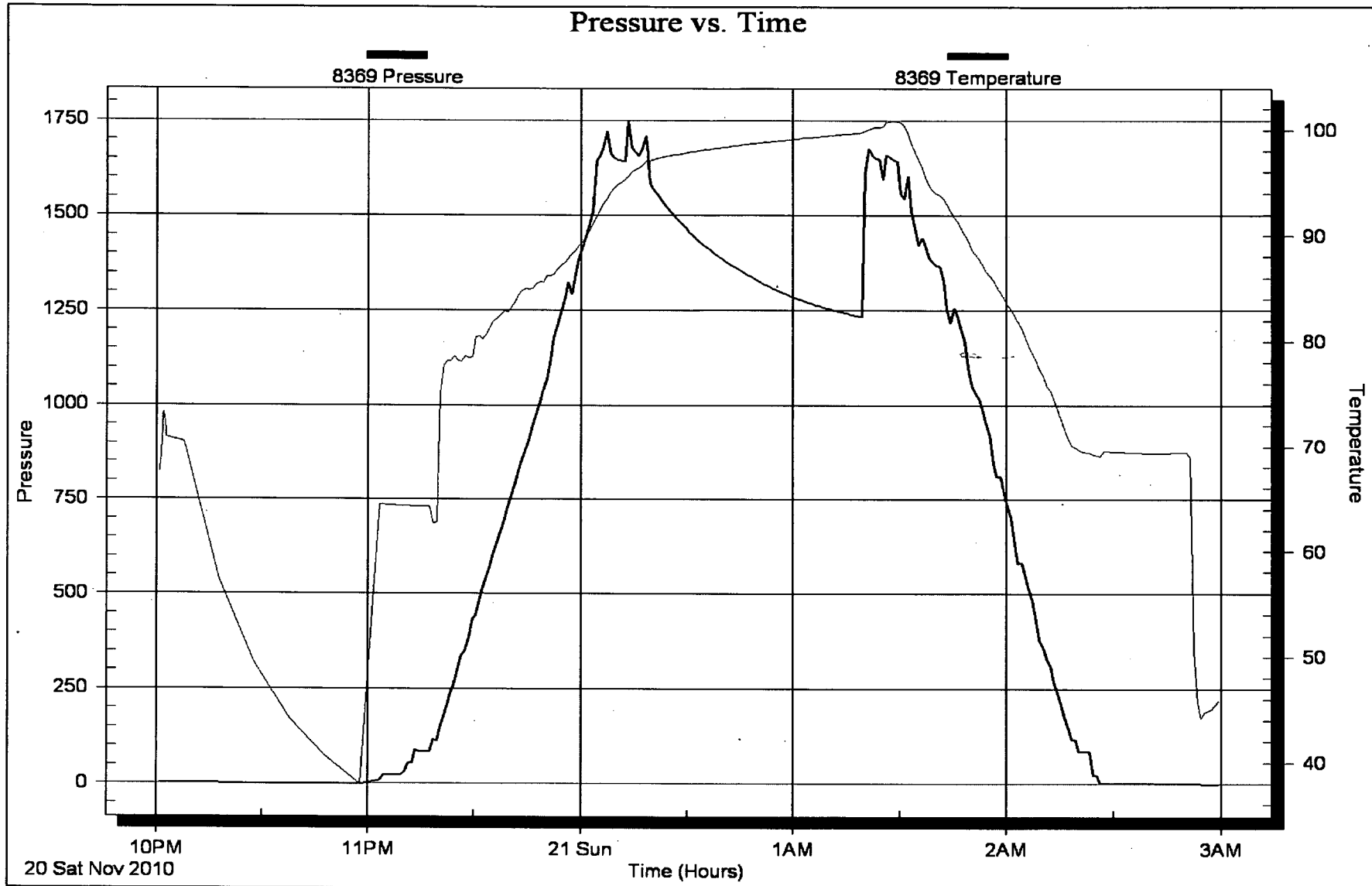
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





ALLIED CEMENTING CO., LLC. 040844

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

SERVICE POINT:
Dakley

DATE <u>11-20-10</u>	SEC <u>12</u>	TWP. <u>8S</u>	RANGE <u>18W</u>	CALLED OUT	ON LOCATION	JOB START <u>9:00am</u>	JOB FINISH <u>10:00am</u>
LEASE <u>Carroll Conyac</u>	WELL# <u>5</u>	LOCATION <u>Plainville 9 1/2 N 1 E</u>			COUNTY <u>Rooks</u>	STATE <u>KS</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)		<u>1/2 N 1/2 E 1/4 S W1/4</u>					

CONTRACTOR WFW Drilling Rig Co OWNER Same

TYPE OF JOB PTA

HOLE SIZE <u>7 7/8</u>	T.D. <u>3450'</u>
CASING SIZE	DEPTH
TUBING SIZE	DEPTH
DRILL PIPE <u>4 1/2</u>	DEPTH <u>3450'</u>
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	
PERFS.	
DISPLACEMENT	

CEMENT

AMOUNT ORDERED 210 sks 6/40

470 gal 1/4" Flo-seal

COMMON <u>126 sks</u>	@ <u>13.50</u>	<u>1701.00</u>
POZMIX <u>84 sks</u>	@ <u>7.55</u>	<u>634.20</u>
GEL <u>7 sks</u>	@ <u>20.25</u>	<u>141.75</u>
CHLORIDE	@	
ASC	@	

EQUIPMENT

PUMP TRUCK # <u>423-281</u>	CEMENTER <u>Andrew</u>
	HELPER <u>Larene</u>
BULK TRUCK # <u>404</u>	DRIVER <u>Darrin</u>
BULK TRUCK #	DRIVER

<u>Flo-seal 52#</u>	@ <u>2.45</u>	<u>122.40</u>
	@	
	@	
	@	
	@	
	@	
HANDLING <u>210 sks</u>	@ <u>2.25</u>	<u>492.75</u>
MILEAGE <u>104 sk/mile</u>		<u>876.00</u>
		<u>3973.10</u>

REMARKS:

25 sks @ 3450'
25 sks @ 1285'
80 sks @ 220'
40 sks @ 270'
10 sks @ 40'
30 sks Rot hole

Thank you

CHARGE TO: New Age Oil LLC

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB <u>3450'</u>		
PUMP TRUCK CHARGE		<u>1159.00</u>
EXTRA FOOTAGE	@	
MILEAGE <u>40</u>	@ <u>7.00</u>	<u>280.00</u>
MANIFOLD	@	
	@	
	@	
	@	
	@	
		<u>TOTAL 1439.00</u>

PLUG & FLOAT EQUIPMENT

<u>8 7/8</u>		
<u>1 dry hole plug</u>	@	<u>40.00</u>
	@	
	@	
	@	
	@	
		<u>TOTAL 40.00</u>

To Allied Cementing Co., LLC.
 You are hereby requested to rent cementing equipment and furnish cement and helper(s) 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 and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Mark Buisse

SIGNATURE Mark Buisse

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS

ALLIED CEMENTING CO., LLC. 033988

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

SERVICE POINT:
Russell KS

DATE <u>11-15-10</u>	SEC. <u>12</u>	TWP. <u>8</u>	RANGE <u>18</u>	CALLED OUT	ON LOCATION	JOB START <u>11:00am</u>	JOB FINISH <u>11:30pm</u>
Carrol Conyac LEASE		WELL # <u>5</u>	LOCATION <u>Plainville KS 9 1/2 North 1 East</u>		COUNTY <u>Rooks</u>	STATE <u>KS</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)			<u>1/2 North 1/2 East 1/4 South West into</u>				

CONTRACTOR W/W Rig #6 OWNER _____

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 220'

CASING SIZE 8 5/8 DEPTH 220'

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 15'

PERFS. _____

DISPLACEMENT 13 BBL

EQUIPMENT _____

PUMP TRUCK # 398 CEMENTER John Roberts

HELPER Richard

BULK TRUCK # 410 DRIVER Gary TWS

BULK TRUCK # _____ DRIVER _____

CEMENT AMOUNT ORDERED 150 bbls 3% cc 2-1 gel

COMMON	<u>90</u>	@	<u>13.50</u>	<u>1215.00</u>
POZMIX	<u>60</u>	@	<u>7.55</u>	<u>453.00</u>
GEL	<u>3</u>	@	<u>20.25</u>	<u>60.75</u>
CHLORIDE	<u>5</u>	@	<u>51.50</u>	<u>257.50</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING		@		<u>300.00</u>
MILEAGE		@		<u>300.00</u>
TOTAL				<u>2586.25</u>

REMARKS:

Est. Circulation

Mix 150 sk cement

Displace w/ 13 Bbl H₂O

Cement did circulate!

Thank You!

CHARGE TO: New Age Oil LLC

STREET 308 W 38th St.

CITY Hays STATE KS ZIP 67601

SERVICE

DEPTH OF JOB				
PUMP TRUCK CHARGE			<u>991.00</u>	
EXTRA FOOTAGE	@			
MILEAGE	<u>40</u>	@	<u>7.00</u>	
MANIFOLD	@			
	@			
	@			
TOTAL				<u>1271.00</u>

PLUG & FLOAT EQUIPMENT

	@			
	@			
	@			
	@			
	@			
TOTAL				

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment and furnish cement and helper(s) 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 and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME John C. Mowers

SIGNATURE [Signature]