



KANSAS CORPORATION COMMISSION 1090171
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 # 6768
Name: Carrie Exploration & Development, a General Partnership
Address 1: 210 W 22ND
Address 2: _____
City: HAYS State: KS Zip: 67601 + _____
Contact Person: RON HEROLD
Phone: (913) 961-2760
CONTRACTOR: License # 33350
Name: Southwind Drilling, Inc.
Wellsite Geologist: Herb Deines
Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SLOW
 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 #: _____
7/27/2012 8/03/2012 8/03/2012
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 15-185-23759-00-00
Spot Description: _____
W2 NE NW NE Sec. 10 Twp. 22 S. R. 11 East West
4950 Feet from North / South Line of Section
1879 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Stafford
Lease Name: SLEEPER Well #: C-1
Field Name: Unnamed
Producing Formation: Simpson Sand
Elevation: Ground: 1754 Kelly Bushing: 1761
Total Depth: 3650 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 258 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: 50000 ppm Fluid volume: 600 bbls
Dewatering method used: Hauled to Disposal
Location of fluid disposal if hauled offsite: _____
Operator Name: Bob's Oil Field Service, Inc.
Lease Name: Teichmann License #: 32408
Quarter SW Sec. 16 Twp. 22 S. R. 12 East West
County: Stafford Permit #: D-23722

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: Deanne Garrison Date: 01/15/2013



1090171

Operator Name: Carrie Exploration & Development, a General Partnership Lease Name: SLEEPER Well #: C-1
 Sec. 10 Twp. 22 S. R. 11 East West County: Stafford

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 type="checkbox"/> Yes <input checked="" 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: Attached	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum Attached Attached Attached
---	--

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	24	258	COMMON	175	2%Gel, 3%CC
PRODUCTION	7.825	5.5	14.5	3638	AA2	175	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	0-2310			

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
4	3494 to 3498	Sand Frack 6720 lbs sand, 25 gal acetic acid, 8,000 gal gelled water	3494 to 3498

TUBING RECORD: Size: <u>2 3/8</u> Set At: <u>3511</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. <u>8/10/2012</u>		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____	
Estimated Production Per 24 Hours	Oil Bbls. <u>6</u>	Gas Mcf _____	Water Bbls. <u>6</u> Gas-Oil Ratio _____ Gravity <u>43</u>

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 checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>3494 to 3498</u>
---	--	---

Form	ACO1 - Well Completion
Operator	Carrie Exploration & Development, a General Partnership
Well Name	SLEEPER C-1
Doc ID	1090171

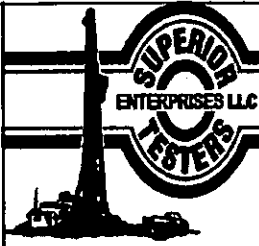
All Electric Logs Run

Dual Induction Log
Dual Compensated Porosity Log
Microresistivity Log
Sonic Log

Form	ACO1 - Well Completion
Operator	Carrie Exploration & Development, a General Partnership
Well Name	SLEEPER C-1
Doc ID	1090171

Tops

TOPEKA	2703	-940
HEEBNER SHALE	2996	-1235
BROWN LIME	3137	-1376
LKC	3163	-1402
BKC	3408	-1643
SIMPSON SHALE	3492	-1731
ARBUCKLE	3543	-1782
RTD	3650	-1889
LTD	3650	-1889



DRILL STEM TEST REPORT

Carrie Exploration & Development
 210 West 22nd
 Hays, Kansas 67601
 ATTN: Herb Deines

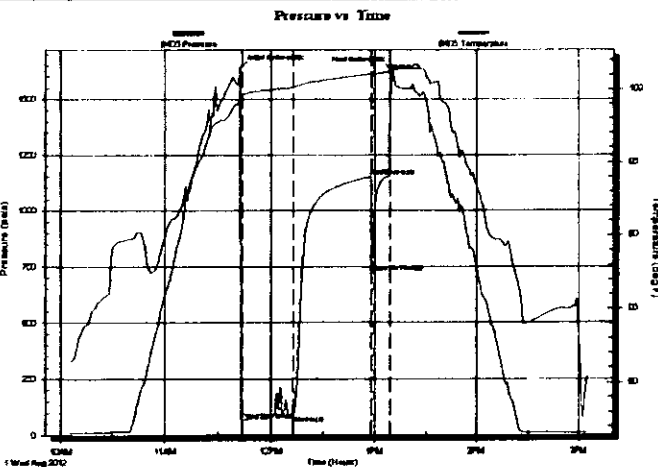
10-22s-11w Stafford
Sleeper #C-1
 Job Ticket: 17316 DST#: 1
 Test Start: 2012.08.01 @ 00:00:00

GENERAL INFORMATION:

Formation: **Kansas City "B,C,D,&**
 Deviated: **No Whipstock** ft (KB)
 Test Type: **Conventional Bottom Hole (Initial)**
 Time Tool Opened: **00:00:00**
 Tester: **Gene Budig 59**
 Time Test Ended: **00:00:00**
 Unit No: **3315**
 Interval: **3174.00 ft (KB) To 3245.00 ft (KB) (TVD)**
 Reference Elevations: **1761.00 ft (KB)**
 Total Depth: **3245.00 ft (KB) (TVD)**
 Reference Elevations: **1754.00 ft (CF)**
 Hole Diameter: **8.88 inches** Hole Condition: **Fair**
 KB to GR/CF: **7.00 ft**

Serial #: 8405 Outside
 Press@RunDepth: **1149.97 psia @ 3241.98 ft (KB)** Capacity: **5000.00 psia**
 Start Date: **2012.08.01** End Date: **2012.08.01** Last Calib.: **2012.08.01**
 Start Time: **10:05:00** End Time: **15:06:00** Time On Btm: **2012.08.01 @ 11:43:00**
 Time Off Btm: **2012.08.01 @ 13:10:00**

TEST COMMENT: 1st Opning 30 Minutes Weak building blow built to 3 1/8 inches into the water
 1st Shut-in 45 Minutes-no blow back
 2nd Opening 25 Minutes-No blow - flushed tool-no help-pulled tool after 15 minutes
 2nd Sut-in none taken



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1638.99	99.68	Initial Hydro-static
1	67.44	99.44	Open To Flow (1)
30	88.87	100.12	Shut-in(1)
75	1149.97	101.04	End Shut-in(1)
76	726.86	100.87	Open To Flow (2)
86	1624.02	101.28	Shut-in(2)
87	1630.31	101.31	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
40.00	Drilling mud	0.56

Gas Rates

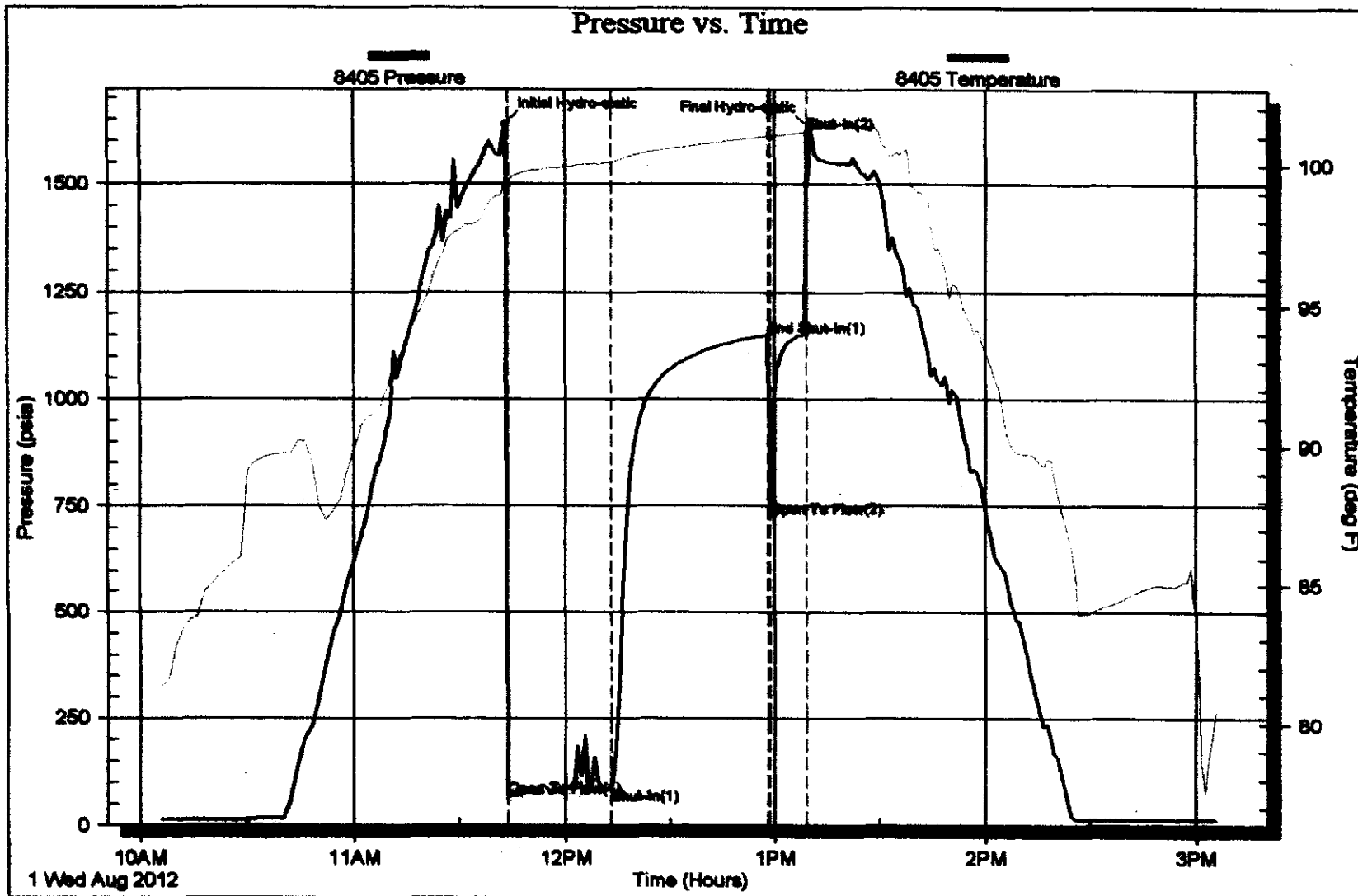
Choke (Inches)	Pressure (psia)	Gas Rate (Mcf/d)

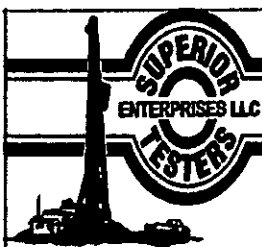
Serial #: 8405

Outside Carrie Exploration & Development

Sleeper #C-1

DST Test Number: 1





DRILL STEM TEST REPORT

Carrie Exploration & Development

10-22s-11w Stafford

210 West 22nd
Hays, Kansas 67601

Sleeper #C-1

Job Ticket: 17317 DST#: 2

ATTN: Herb Deines

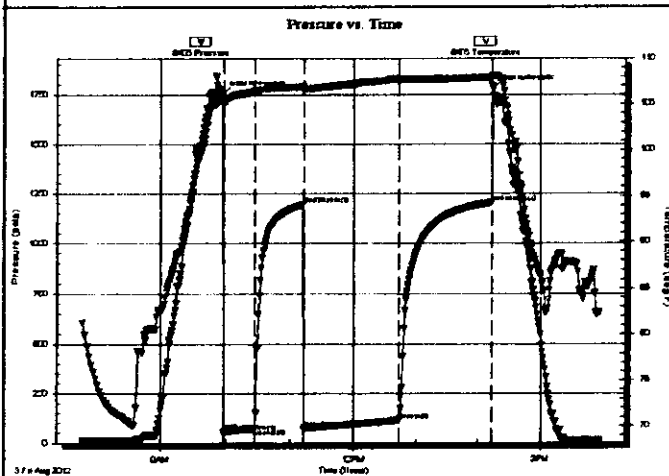
Test Start: 2012.08.03 @ 07:45:00

GENERAL INFORMATION:

Formation: **Simpso**
 Deviated: **No Whipstock** ft (KB)
 Time Tool Opened: 09:58:30
 Time Test Ended: 15:57:30
 Interval: **3489.00 ft (KB) To 3546.00 ft (KB) (TVD)**
 Total Depth: **3650.00 ft (KB) (TVD)**
 Hole Diameter: **8.88 inches** Hole Condition: Fair
 Test Type: **Conventional Bottom Hole (Initial)**
 Tester: **Gene Budig 59**
 Unit No: **3315**
 Reference Elevations: **1761.00 ft (KB)**
1754.00 ft (CF)
 KB to GR/CF: **7.00 ft**

Serial #: **8405** Inside
 Press@RunDepth: **113.52 psia @ 3540.02 ft (KB)** Capacity: **5000.00 psia**
 Start Date: **2012.08.03** End Date: **2012.08.03** Last Calib.: **1899.12.30**
 Start Time: **07:46:00** End Time: **15:57:30** Time On Btm: **2012.08.03 @ 09:57:30**
 Time Off Btm: **2012.08.03 @ 14:14:30**

TEST COMMENT: 1st Opening 30 Minutes-Weak building blow built to 5 inches into the water
 1st Shut-In 45 Minutes- No blow back
 2nd Opening 90 Minutes-Weak building blow built built to 14 inches into the water
 2nd Shut-In 90 Minutes-No blow back



PRESSURE SUMMARY

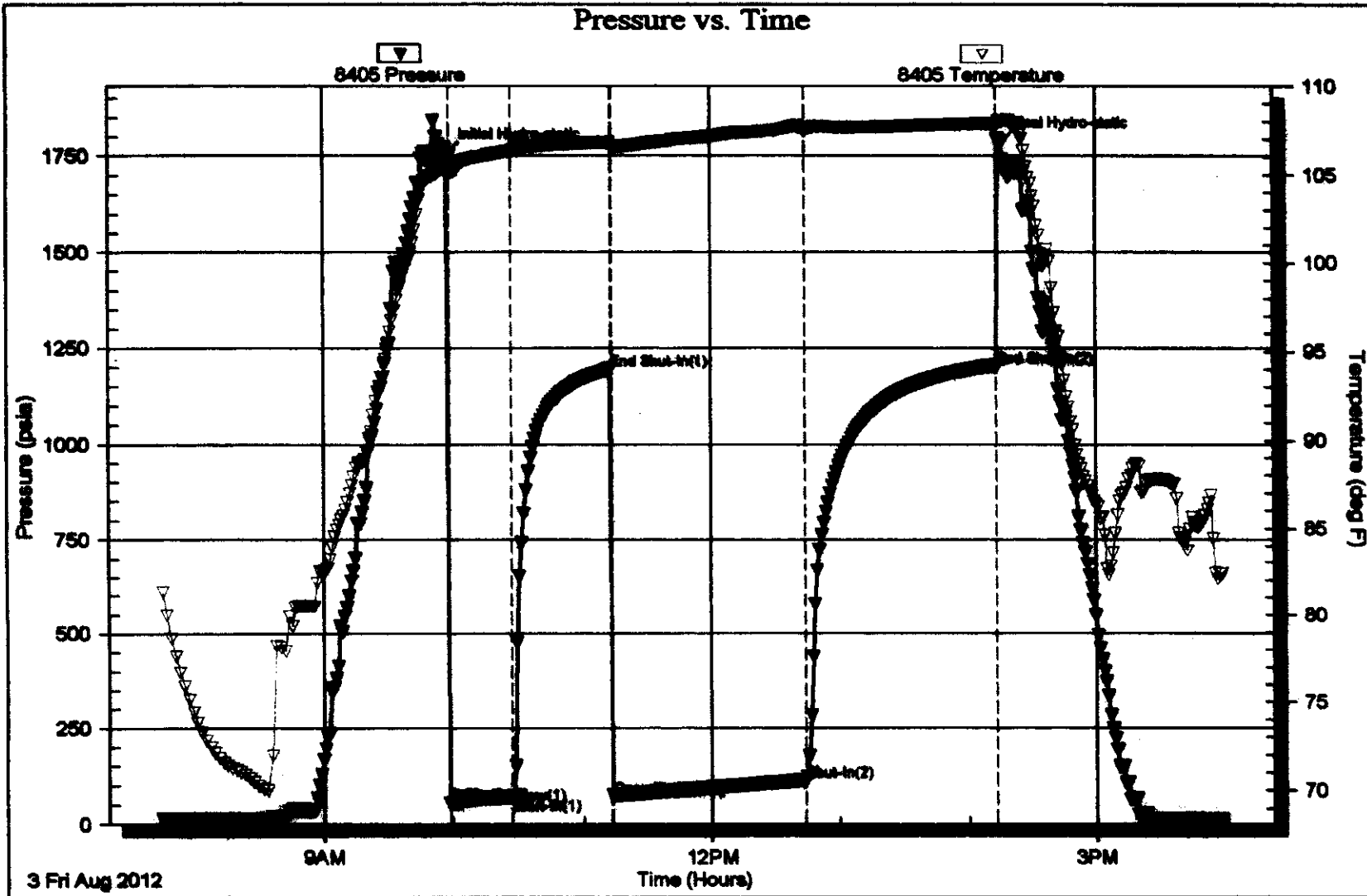
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1752.11	105.53	Initial Hydro-static
1	54.73	105.25	Open To Flow (1)
30	71.08	106.35	Shut-In(1)
76	1196.67	106.84	End Shut-In(1)
76	73.31	106.49	Open To Flow (2)
167	113.52	107.61	Shut-In(2)
256	1205.41	107.92	End Shut-In(2)
257	1781.40	108.05	Final Hydro-static

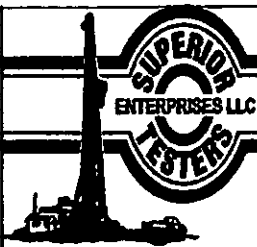
Recovery

Length (ft)	Description	Volume (bbl)
145.00	Gas in the pipe	2.03
45.00	Oil and gas cut mud	0.63
0.00	10%Gas 10%Oil 10%Water 70%Mud	0.00
60.00	Oil and gas cut muddy water	0.84
0.00	5%Gas 10% Oil 25% Water 60%Mud	0.00
60.00	Mud 5% Oil 95Mud Chlorides 8500	0.84

Gas Rates

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





DRILL STEM TEST REPORT

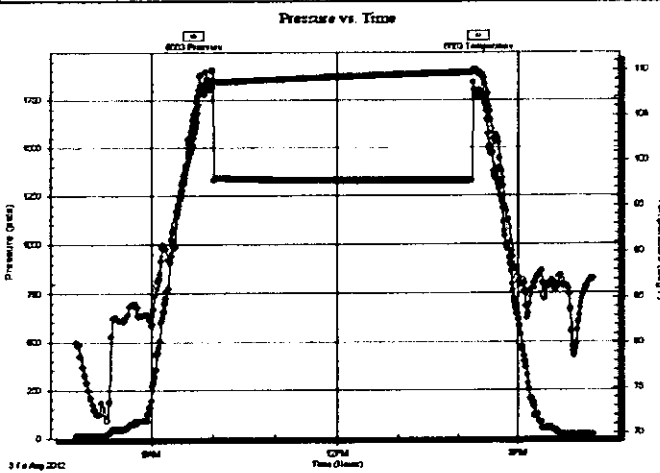
Carrie Exploration & Development **10-22s-11w Stafford**
 210 West 22nd **Sleeper #C-1**
 Hays, Kansas 67601 **Job Ticket: 17317 DST#: 2**
 ATTN: Herb Deines **Test Start: 2012.08.03 @ 07:45:00**

GENERAL INFORMATION:

Formation: **Stimps o**
 Deviated: **No Whipstock** ft (KB)
 Test Type: **Conventional Bottom Hole (Initial)**
 Time Tool Opened: **09:58:30**
 Tester: **Gene Budig 59**
 Time Test Ended: **15:57:30**
 Unit No: **3315**
 Interval: **3489.00 ft (KB) To 3546.00 ft (KB) (TVD)**
 Reference Elevations: **1761.00 ft (KB)**
 Total Depth: **3650.00 ft (KB) (TVD)**
1754.00 ft (CF)
 Hole Diameter: **8.88 inches** Hole Condition: **Fair**
 KB to GR/CF: **7.00 ft**

Serial #: 6663 Inside
 Press@RunDepth: **psia @ 3650.94 ft (KB)** Capacity: **5000.00 psia**
 Start Date: **2012.08.03** End Date: **2012.08.03** Last Calib.: **2012.08.03**
 Start Time: **07:46:55** End Time: **16:15:55** Time On Btm:
 Time Off Btm:

TEST COMMENT: 1st Opening 30 Minutes-Weak building blow built to 5 inches into the water
 1st Shut-In 45 Minutes- No blow back
 2nd Opening 90 Minutes-Weak building blow built built to 14 inches into the water
 2nd Shut-In 90 Minutes-No blow back



PRESSURE SUMMARY			
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation

Recovery		
Length (ft)	Description	Volume (bbl)
145.00	Gas in the pipe	2.03
45.00	Oil and gas cut mud	0.63
0.00	10%Gas 10%Oil 10%Water 70%Mud	0.00
60.00	Oil and gas cut muddy water	0.84
0.00	5%Gas 10% Oil 25% Water 60%Mud	0.00
60.00	Mud 5% Oil 95Mud Chlorides 8500	0.84

Gas Rates		
Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)

OPERATOR

Company: CARRIE EXPLORATION DEVELOPMENT A GENERAL PARTNERSHIP
 Address: 210 W 22nd
 HAYS, KANSAS 67601

Contact Geologist: RON HEROLD
 Contact Phone Nbr: 913-961-2760
 Well Name: SLEEPER C # 1
 Location: W2 NE NW NE Sec.10-22s-11w API: 15-185-23,759-00-00
 Pool: WILDCAT Field: UNNAMED
 State: KANSAS Country: USA

Scale 1:240 Imperial

Well Name: SLEEPER C # 1
 Surface Location: W2 NE NW NE Sec.10-22s-11w
 Bottom Location:
 API: 15-185-23,759-00-00
 License Number: 6768
 Spud Date: 7/27/2012 Time: 7:00 PM
 Region: STAFFORD COUNTY
 Drilling Completed: 8/2/2012 Time: 8:10 PM
 Surface Coordinates: 4950' FSL & 1879' FEL
 Bottom Hole Coordinates:
 Ground Elevation: 1754.00ft
 K.B. Elevation: 1761.00ft
 Logged Interval: 1900.00ft To: 3650.00ft
 Total Depth: 3650.00ft
 Formation: ARBUCKLE
 Drilling Fluid Type: FRESH WATER GEL/CHEMICAL

SURFACE CO-ORDINATES

Well Type: Vertical
 Longitude: Latitude:
 N/S Co-ord: 4950' FSL
 E/W Co-ord: 1879' FEL

LOGGED BY

Company: SOLUTIONS CONSULTING
 Address: 108 W 35TH
 HAYS, KS 67601
 Phone Nbr: (785) 639-1337
 Logged By: Geologist Name: HERB DEINES

CONTRACTOR

Contractor: SOUTHWIND DRILLING, INC.
 Rig #: 4
 Rig Type: MUD ROTARY
 Spud Date: 7/27/2012 Time: 7:00 PM
 TD Date: 8/2/2012 Time: 8:10 PM
 Rig Release: 8/3/2012 Time: 3:00 AM

ELEVATIONS

K.B. Elevation: 1761.00ft Ground Elevation: 1754.00ft
 K.B. to Ground: 7.00ft

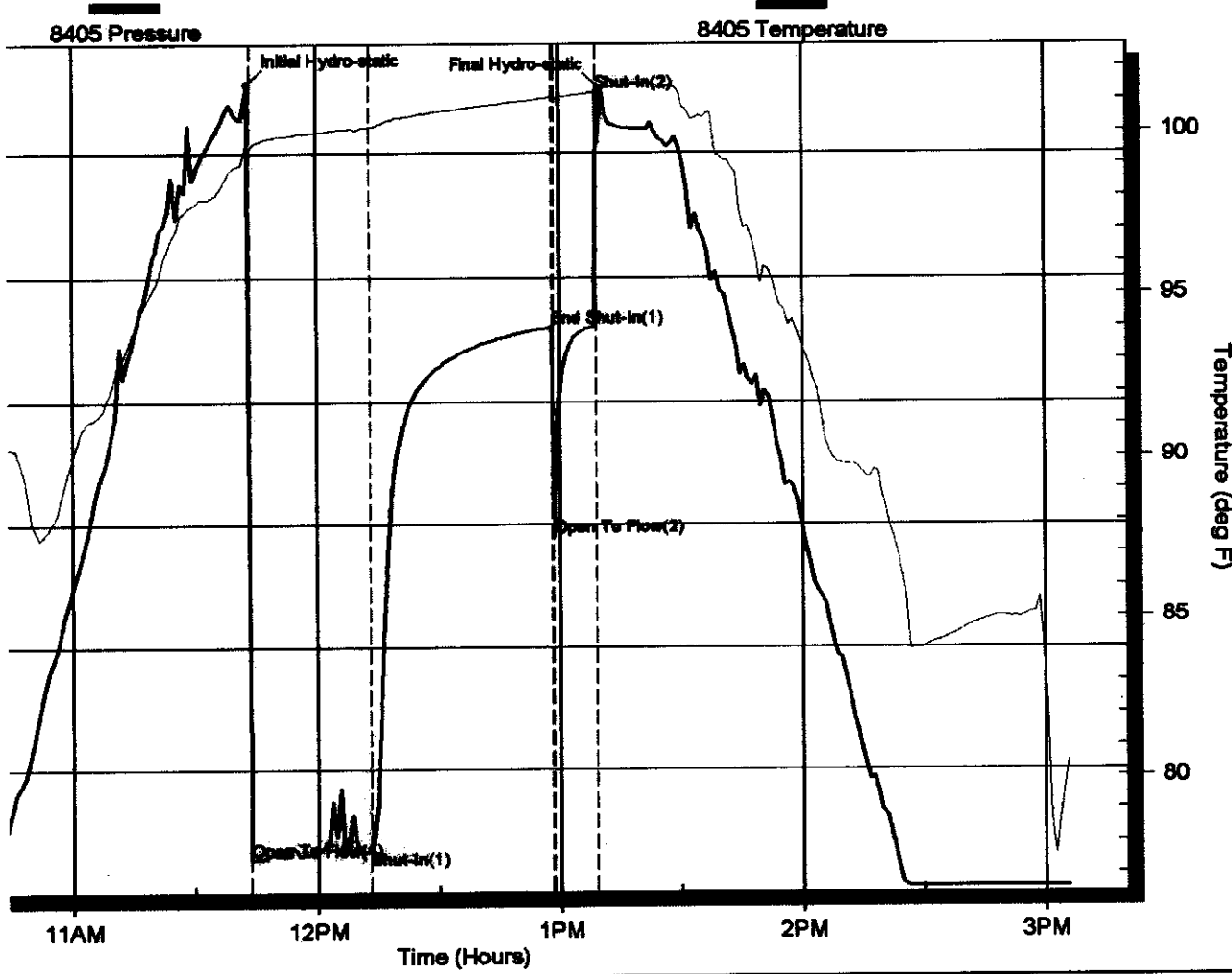
NOTES

DECISION MADE TO RUN PRODUCTION CASING BASED ON POSITVE RESULTS OF DST # 2. SIMPSON SAND

FORMATION TOPS SUMMARY**SLEEPER #C-1****4950' FSL & 1879' FWL, NE/4****Sec.10-22s-11w****1754' GL 1761' KB**

<u>FORMATION</u>	<u>SAMPLE TOPS</u>	<u>LOG TOPS</u>
Neva		2002- 241
Red Eagle		2093- 332
Stotler Lime		2380- 619
Elmont		2446- 685
Howard		2602- 841
Topeka	2701- 940	2703- 942
Heebner Shale	2995-1234	2996-1235
Toronto	3016-1255	3016-1255
Douglas Shale	3029-1268	3030-1269
Brown Lime	3136-1375	3137-1376
LKC	3163-1402	3163-1402
BKC	3402-1641	3408-1647
Simpson Shale		3492-1731
Simpson Sand		3494-1733
Arbuckle	3542-1781	3543-1782
RTD	3650-1889	
LTD		3650-1889

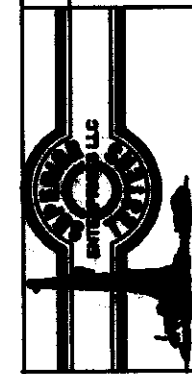
Pressure vs. Time



Ref. No: 17316

Printed: 2012.08.01 @ 13:18:48

DST # 2 TEST SUMMARY

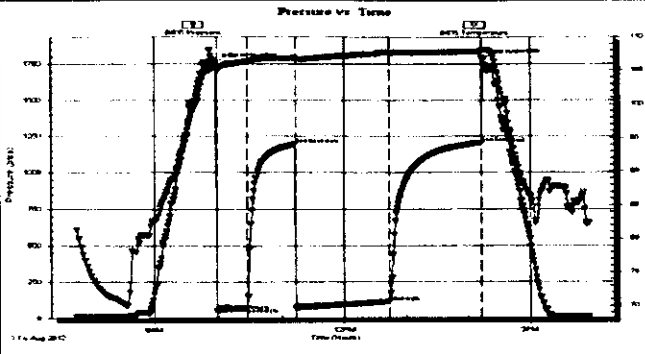


DRILL STEM TEST REPORT

Carris Exploration & Development 210 West 22nd Hays, Kansas 67601 ATTN: Herb Deines	10-32b-11w Stafford Sleeper #C-1 Job Ticket: 17317 Test Start: 2012.08.03 @ 07:45:00	DST#: 2
GENERAL INFORMATION:	Test Type: Conventional Bottom Hole (Initial)	Capacity: 5000.00 pails
Formation: 8405	Tester: Gene Budig 69	
Deviated: No	Unit No: 3316	
Time Tool Opened: 08:58:30	Reference Elevations: 1761.00 ft (KB)	
Time Test Ended: 15:57:30	1754.00 ft (CF)	
Interval: 3488.00 ft (KB) To 3488.00 ft (KB) (TVD)	KB to GRPCF: 7.00 ft	
Total Depth: 3650.00 ft (KB) (TVD)		
Hole Diameter: 8.68 inches-Hole Condition: Fair		
Serial #: 8405		
Press@RunDepth: 113.62 pels @ 3540.02 ft (KB)		

Start Date: 2012.08.03 End Date: 2012.08.03 Last Calib.: 1899.12.30
 Start Time: 07:46:00 End Time: 15:57:30 Time On Btm: 2012.08.03 @ 09:57:30
 Time Off Btm: 2012.08.03 @ 14:14:30

TEST COMMENT: 1st Opening 30 Minutes-Weak building blow built to 5 inches into the water
 1st Shut-In 45 Minutes- No blow back
 2nd Opening 90 Minutes-Weak building blow built to 14 inches into the water
 2nd Shut-In 90 Minutes-No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1752.11	105.53	Initial Hydro-static
1	54.73	105.25	Open To Flow (1)
30	71.08	106.35	Shut-In(1)
76	1198.67	108.84	End Shut-In(1)
76	73.31	106.49	Open To Flow (2)
167	113.52	107.81	Shut-In(2)
256	1205.41	107.92	End Shut-In(2)
257	1781.40	108.05	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
145.00	Gas in the pipe	2.03
45.00	Oil and gas cut mud	0.63
0.00	10%Gas 10%Oil 10%Water 70%Mud	0.00
60.00	Oil and gas cut muddy water	0.84
0.00	5%Gas 10% Oil 25% Water 60%Mud	0.00
60.00	Mud 5% Oil 95Mud Chlorides 8500	0.64

Gas Rates

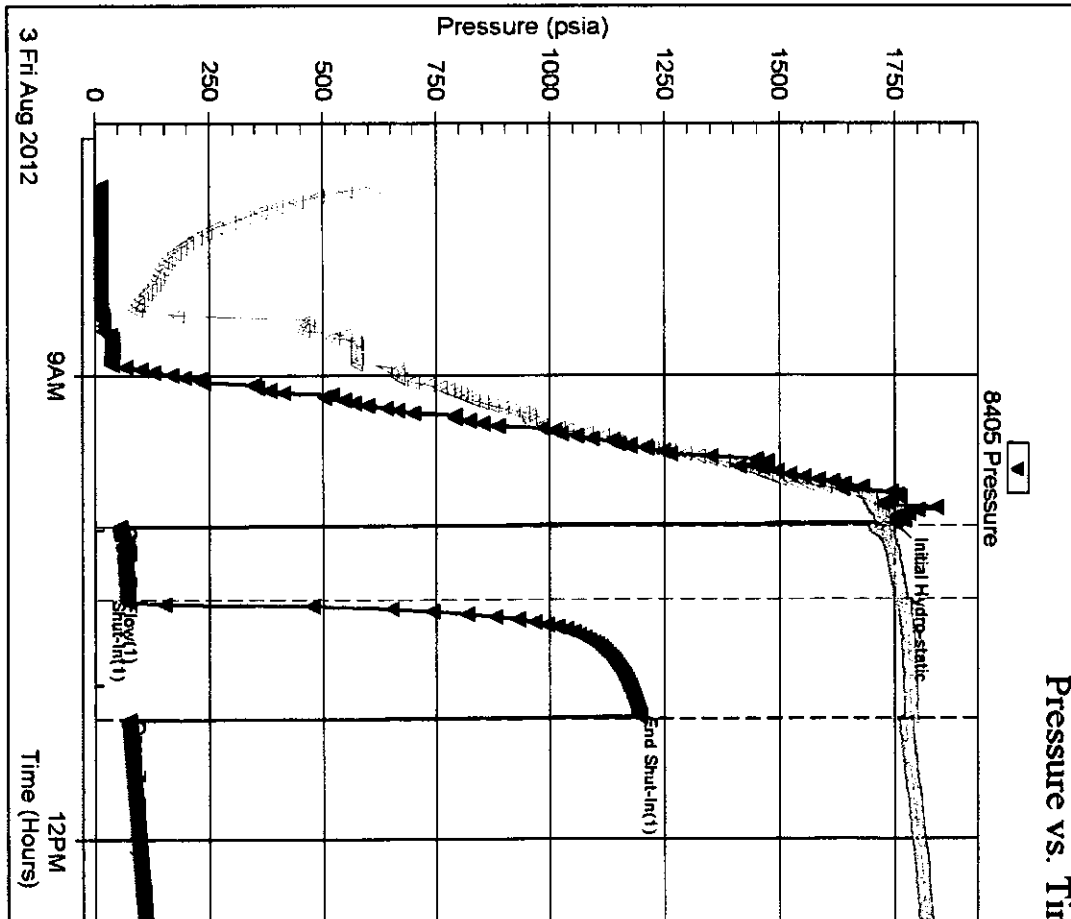
	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)

Superior Testers Enterprises LLC

Ref. No: 17317

Printed: 2012.08.04 @ 00:13:09

DST # 2 EXPANDED CHART



Superior Testers Enterprises LLC

Ref. No: 17317

Serial #: 8405

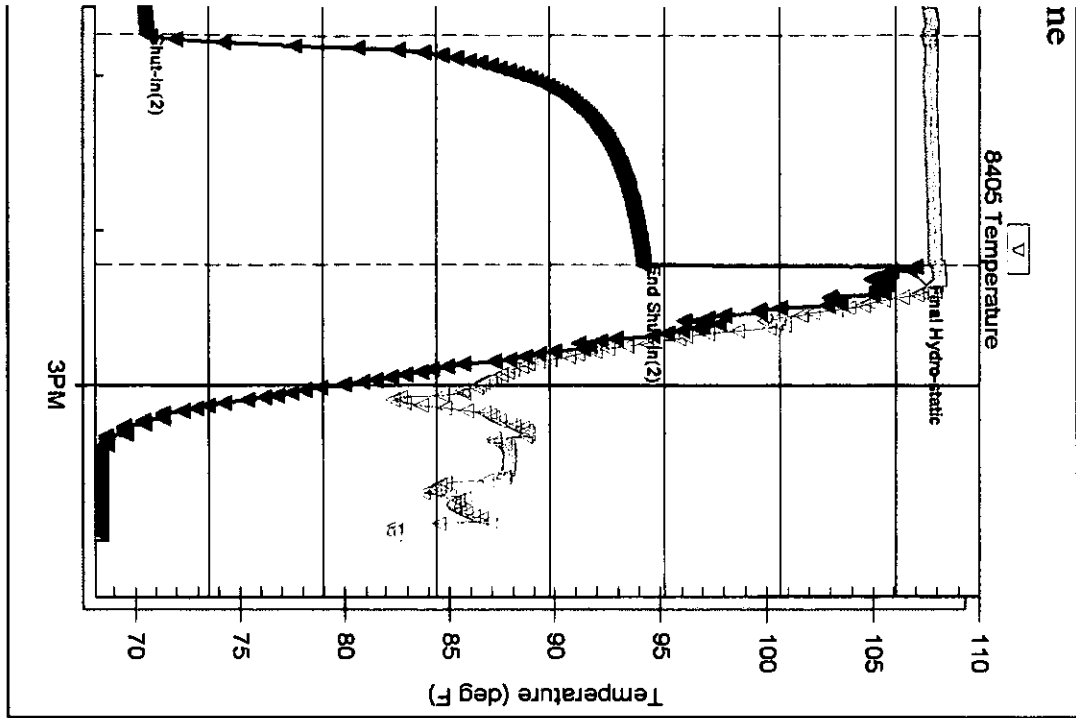
Inside

Carrie Exploration & Development

Sleeper #C-1

ne

DST Test Number: 2



Printed: 2012.08.04 @ 00:13:12

ROCK TYPES

- Cht
- Lmst fw>7
- Carbon Sh
- Ss
- Dolprim
- shale, gm
- shale, red
- shale, gry
- Shcol
- Lmst fw<7

ACCESSORIES

- MINERAL**
- P Pyrite
 - * Sandy
 - △ Chert White

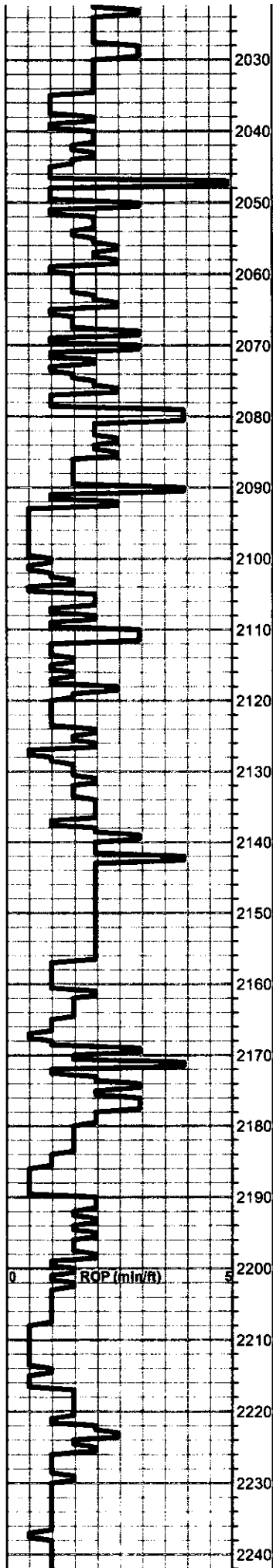
- FOSSIL**
- Oolite
 - ⊕ Oomoldic

OTHER SYMBOLS

- DST**
- DST int
 - DST alt
 - Core

Printed by GEOstrip VC Striplog version 4.0.7.0 (www.grsi.ca)

<p>Curve Track #1</p> <p>ROP (min/ft)</p>	<p>Depth Intervals</p> <p>Cored interval</p> <p>DST interval</p>	<p>Lithology</p> <p>Oil Show</p>	<p>Geological Descriptions</p>	<p>TG, C1 - C5</p>
<p>1:240 Imperial</p> <p>ROP (min/ft)</p>	<p>2000</p> <p>2010</p> <p>2020</p>	<p>NEVA 2002-241</p> <p>Begin 1' drill time from 2000' to RTD</p> <p>Begin 10' wet and dry samples from 2050' to RTD</p>	<p>1:240 Imperial</p> <p>8 5/8" set to 258' w/175 sxs.</p> <p>Common, 2%Gel, 3%CC.</p> <p>Allied ticket 53685</p> <p>Slope @ 258'=3/4 degree</p>	



Lime, crm-lt brn, fnxln, slightly fossiliferous

Shale, gray-black carbonaceous grading into dove gray shale

Lime, wht, fnxln, micro oolitic, NS

Lime, crm-tan, fnxln

RED EAGLE ELog 2093-332

Lime, crm, fnxln-granular, slightly fossiliferous, No Wet Cut, NS

Lime, lt-med brn, fnxln, slightly fossiliferous

Lime, lt-med brn, fnxln, slightly fossiliferous

Lime, med brn-gray, fnxln

Lime, lt-med brn-lt gray, fnxln, fusulinids, med brn chert

Lime, offwhite-lt-med brn, fnxln, slight chalk in part

Shale, med gray, soft blocky, trashy mix with lime in part

Lime, brn-gray, fnxln, trashy mix.

Lime, lt-med brn, fnxln

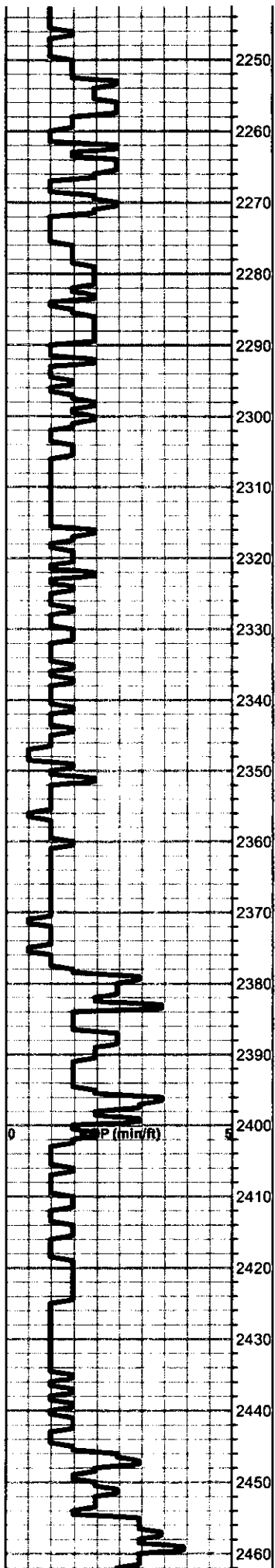
Shale, med gray, soft-firm blocky

Lime, lt-med brn, fnxln

Shale, med gray, soft-firm blocky

Shale, lt gray, soft mud balls

Shale, lt-med gray, forming soft mud balls



Lime, lt-med brn, granular, fossiliferous, specks of glauconite

Lime, lt-med brn-gray, frxn, slightly fossiliferous

Lime, lt-med brn-gray, frxn

Shale, med soft, red wash

Shale, dove gray-lt green, soft mud balls

Lime, brn-gray, frxn, trashy mix with gray shale

Shale, dove gray, soft mud balls

Lime, lt-med brn, frxn

Shale, lt gray, soft mud balls

Shale, lt gray, soft mud balls

Shale, lt gray, soft mud balls

Shale, lt gray, soft mud balls

STOTLER LIME ELog 2380-619

Lime, lt-med brn, frxn, fossiliferous in part, sticky white chalk

Shale, red, soft mud balls

Lime, lt-med brn, frxn-granular, slight chalk in part, NS

Shale, lt gray-red, soft mud balls

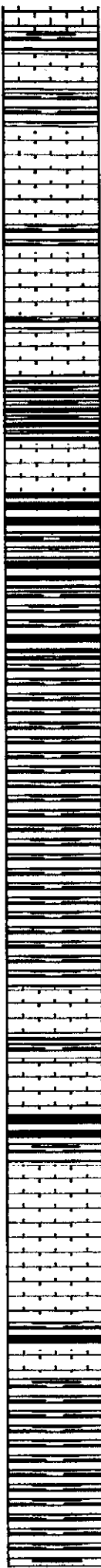
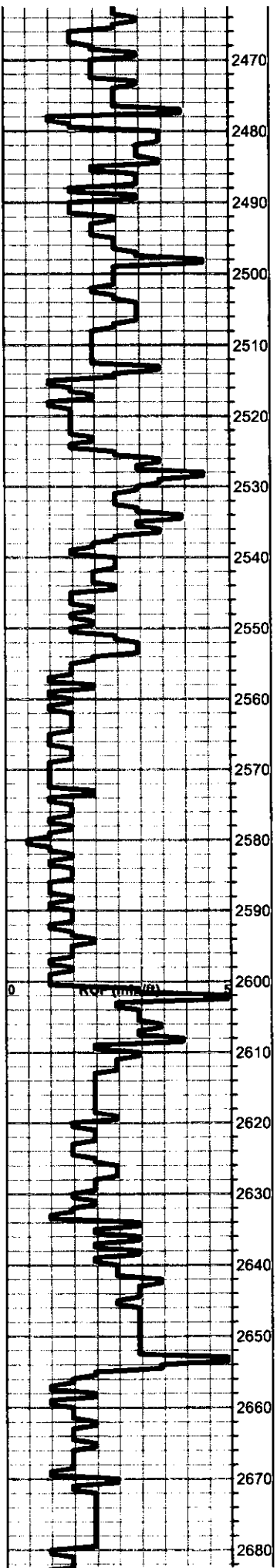
Shale, lt gray, soft mud balls

Shale, lt gray, soft mud balls

ELMONT ELog 2446-685

Lime, lt-med brn, frxn

Lime, crm-lt brn, frxn, chalk in part



Shale, gray, soft mud balls

Lime, lt-med brn, fnxn, slightly fossiliferous

Lime, lt-med gray, fnxn

Lime, lt brn, fnxn with soft sticky chalk

Lime, lt-med brn, fnxn

Shale, red soft blocky

Shale, brn-gray, blocky

Lime, gray, fnxn

Lime, crm-med brn, fnxn-granular in part, slightly chalky

Shale, gray, blocky

Shale, lt-med gray, soft mud balls

Shale, lt-med gray, soft

Shale, lt-med gray, soft

Shale, lt-med gray, soft

HOWARD LIME ELog 2602-841

Lime, med brn, fn-vfxn, slightly fossiliferous

Lime, lt-med brn-gray, fnxn, slightly fossiliferous

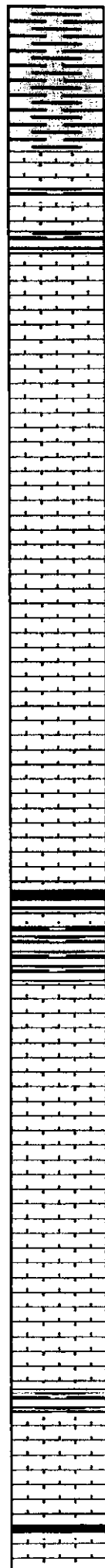
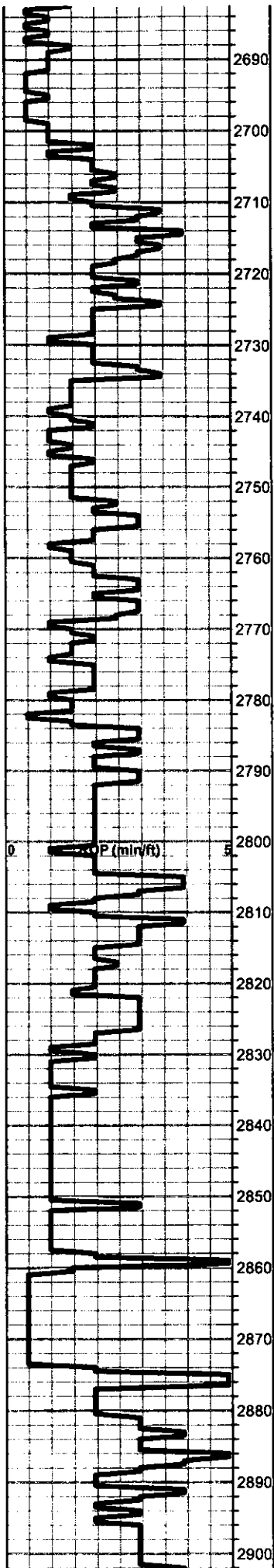
Lime, med brn-gray-grayish brn, fnxn

Lime, med brn, fnxn, slightly fossiliferous

Lime, med brn-grayish brn, fnxn

Shale, lt-med gray, soft

Shale, lt gray, soft mud balls



Shale, lt gray soft

TOPEKA SPL 2701-940 ELog 2703-942

Lime, med brn, fnxn, fossiliferous

Lime, lt-med brn, fnxn, slightly fossiliferous, slight chalk in part

Lime, lt-med brn, fnxn

Lime, med brn, fnxn-granular, slight chalk in part

Lime, med brn-grayish brn, fnxn-granular, fusulinids

Lime, lt-dark brn, mostly fnxn, slight chalk

Lime, lt-med brn, fnxn-granular, slight chalk

Lime, lt-med brn, fnxn-granular, chalk in part, slightly fossiliferous

Lime, lt-med brn, fnxn-granular, slight chalk, slightly fossiliferous

Lime, lt-med brn, fnxn, chalk in part, slightly fossiliferous

Lime, grayish brn-brn-gray, fnxn
Chert, gray, sharp, fresh

Shale, black carbonaceous

Lime, lt-med brn, fnxn, slightly chalky

Lime, lt-med brn, fnxn-granular, soft, sticky chalk in part

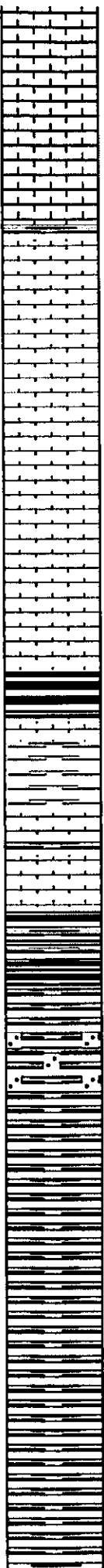
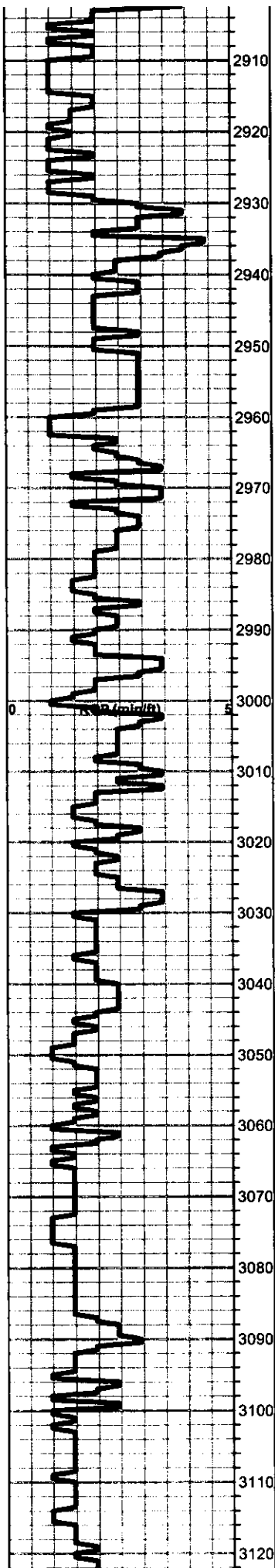
Lime, lt brn, with soft, sticky chalk in part

Lime, lt brn, granular, chalky

Lime, white-med brn, fnxn-granular, chalky in part

Lime, lt-med brn-brnish gray, fnxn

Lime, lt-med brn, fnxn-granular, chalky



Lime, lt-med brn, granular, chalky

Lime, lt-med brn, fnxn-granular, bedded chalk in part

Lime, lt-med brn, fn-vfxln

Lime, lt-med brn, fnxn, bedded chalk in part

Lime, lt-med brn, fn-vfxln, bedded chalk in part

Lime, lt-med brn, fn-vfxln, chalk in part

Lime, lt-med brn, fnxn, chalk in part

Lime, lt-med brn, fnxn, chalk in part

Lime, lt-med brn, fnxn

HEEBNER SHALE SPL 2995-1234 ELog 2996-1235

Shale, black carbonaceous, fissile
 Lime, brn, vfxln
 Shale, dove gray-lime green, soft

TORONTO SPL 3016-1255 ELog 3016-1255

Lime, med brn, fnxn, fossiliferous, NS

Lime, crm, fnxn, chalky NS

DOUGLAS SHALE SPL 3029-1268 ELog 3030-1269

Shale, reddish brn-gray, soft with slight red wash

Shale, lt gray, soft, sticky

Sandstone, lt gray, very fine grained, gritty, micaceous, NS, thinly bedded

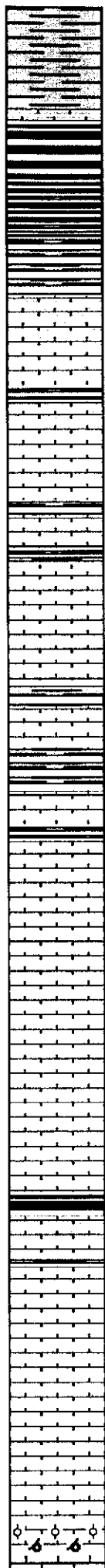
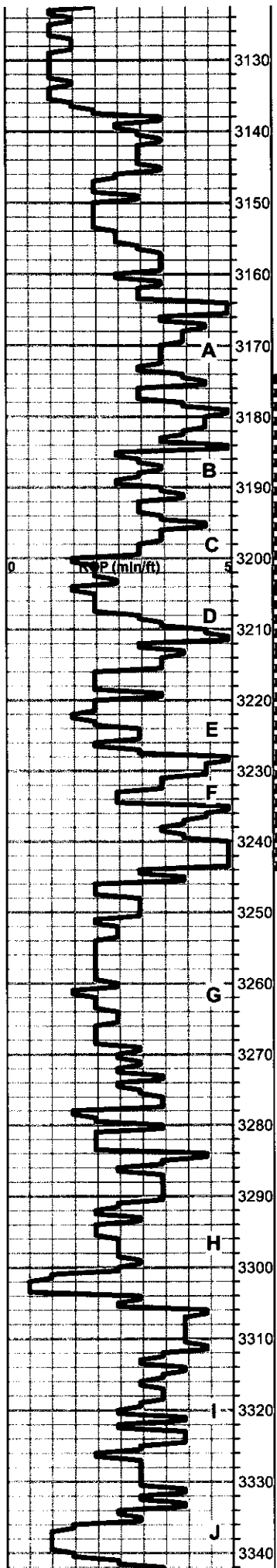
Shale, lt gray, soft-forming soft mud balls

Shale, lt-med gray, soft, blocky, platy

Shale, lt gray, soft-forming soft mud balls

Shale, lt gray, soft-forming soft mud balls

Shale, lt-med gray, soft mud balls



Shale, lt gray, soft-forming soft mud balls

BROWN LIME SPL 3136-1375 ELog 3137-1376

Lime, med brn, fn-vfxln, slightly fossiliferous

Shale, reddish brn-med gray, soft to sticky in part

LKC SPL 3163-1402 ELog 3163-1402

Lime, lt-med brn-gray, fnxn, hard on crush

Lime, lt-med brn-gray, fnxn

Lime, crm-lt brn, fnxn, scattered granular, NS

Lime, crm-lt brn, fnxn

Lime, crm-med brn-gray, fnxn

Lime, lt-med brn, fnxn with granular in part, NS, No Odor

Lime, lt-med brn, fnxn

Lime, lt-med brn, fnxn-granular in part, NS

Lime, lt-med brn, fnxn

Lime, lt-med brn, fnxn.

Lime, med brn, fnxn

Lime, med brn-grayish brn, fnxn-granular, chalky, NS

Lime, lt-med brn, fnxn with bedded chalk, NS

Lime, le-med brn with gray fossil remnants in part

Shale, gray-black carbonaceous

Lime, crm-tan-lt brn, fnxn with bedded chalk, no wet cut

Lime, lt-med brn, fnxn with scattered oolmoldic material, barren, NS

Lime, lt-med brn, fnxn, slightly chalky

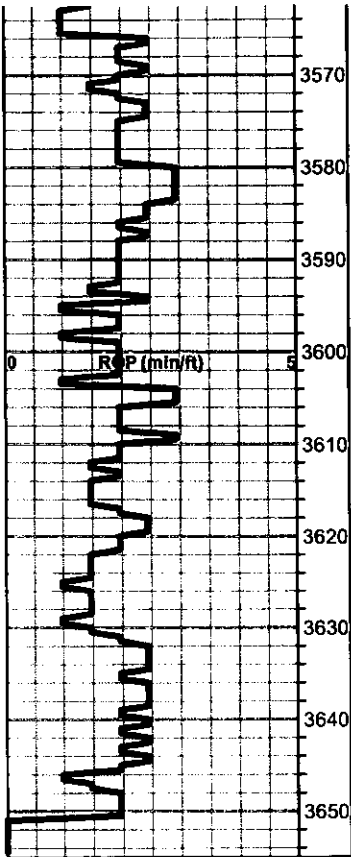
Lime, lt-med brn, fnxn, chalky

Lime, lt-med brn, fnxn-vfxln, chalk in part

Lime, lt-med brn, fnxn-oolmoldic, NS

DST # 1 3174' - 3245' SEE
HEADER FOR TEST
DETAILS

SLOPE 1 1/4 DEGREE



Dolomite, crm-lt brn, fnxdn with fine grained sucroic in part, NS

Dolomite, crm-tan, fn-med xln, sucrosic

Dolomite, crm-tan, fn-med xln, sucrosic

Dolomite, crm-tan, fn-med xln, sucrosic

Dolomite, crm-tan, fn-med xln

Dolomite, crm-tan, fn-med xln

Dolomite, crm-tan, fn-med xln



PO Box 93999
Southlake, TX 76092

Voice: (817) 546-7282
Fax: (817) 246-3361

INVOICE

Invoice Number: 132067
Invoice Date: Jul 27, 2012
Page: 1

Bill To:

Carrie Exploration & Development LLC
210 West 22nd Street
Hays, KS 67601

L
CK # 3247
8-16-12
5/10/12
Co. #



Customer ID	Well Name/# or Customer P.O.	Payment Terms	
Carrie	Sleeper C #1	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Great Bend	Jul 27, 2012	8/26/12

Quantity	Item	Description	Unit Price	Amount
175.00	MAT	Class A Common	16.25	2,843.75
3.00	MAT	Gel	21.25	63.75
6.00	MAT	Chloride	58.20	349.20
188.00	SER	Cubic Feet	2.10	394.80
232.73	SER	Ton Mileage	2.35	546.93
1.00	SER	Surface	1,125.00	1,125.00
27.00	SER	Pump Truck Mileage	7.00	189.00
27.00	SER	Light Vehicle Mileage	4.00	108.00
1.00	EQUIP OPER	Greg Redetzke		
1.00	EQUIP OPER	Kevin Eddy		
1.00	EQUIP OPER	Joel Monahan		

ALL PRICES ARE NET, PAYABLE
30 DAYS FOLLOWING DATE OF
INVOICE. 1 1/2% CHARGED
THEREAFTER. IF ACCOUNT IS
CURRENT, TAKE DISCOUNT OF

\$ 1405.10

ONLY IF PAID ON OR BEFORE

Aug 21, 2012

Subtotal	5,620.43
Sales Tax	237.74
Total Invoice Amount	5,858.17
Payment/Credit Applied	
TOTAL	5,858.17

P 1445307

ALLIED OIL & GAS SERVICES, LLC 053685

Federal Tax I.D.# 20-5975804

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

SERVICE POINT
*Great Bend, KS
1-28-12*

DATE <i>7-27-12</i>	SEC. <i>10</i>	TWP. <i>24</i>	RANGE <i>11</i>	CALLED OUT	ON LOCATION	JOB START <i>1:00 PM</i>	JOB FINISH <i>1:30 AM</i>
LEASE <i>Slower</i>		WELL # <i>C-1</i>	LOCATION <i>High # 181 & K19 12 1/2</i>			COUNTY <i>Stollard</i>	STATE <i>KS</i>
OLD OR NEW (Circle one)		<i>egot, south into</i>				<i>1.01</i>	<i>1.3</i>

CONTRACTOR *Carrie Exploration* OWNER *Carrie Exploration*

TYPE OF JOB <i>Surf job</i>	CEMENT	
HOLE SIZE <i>12 1/4 ID 258</i>	AMOUNT ORDERED <i>175 sks Class A</i>	
CASING SIZE <i>8 5/8</i>	<i>3% cc 2% gel</i>	
TUBING SIZE		
DRILL PIPE		
TOOL		
PRES. MAX	MINIMUM	COMMON <i>175 @ 16.25 2.843.75</i>
MEAS. LINE	SHOE JOINT	POZMIX @
CEMENT LEFT IN CSG. <i>15 ft</i>		GEL @ <i>21.25 63.25</i>
PERFS.		CHLORIDE <i>6 @ 58.20 349.20</i>
DISPLACEMENT <i>15.48 BBL</i>		ASC @

EQUIPMENT

PUMP TRUCK # <i>306</i>	CEMENTER <i>Greg R</i>
	HELPER <i>KEVIN</i>
BULK TRUCK # <i>377</i>	DRIVER <i>Joel M</i>
BULK TRUCK #	DRIVER

HANDLING <i>188</i>	@ <i>2.10</i>	<i>394.80</i>
MILEAGE <i>8.62 x 27.4</i>	@ <i>2.35</i>	<i>546.93</i>
TOTAL		<i>4,253.43</i>
		<i>4,198.43</i>

REMARKS:
*Pipe out bottom. Circ csg w/ Big
Mud. Hook up cement pump
mix 175 sks Class A 3% cc 2%
gel. Displace with 15.48 BBL
fresh water. Shut in. Cement did
circulate. Rig down.*

Plugdown @ 1:15 AM

CHARGE TO: *Carrie Exploration*

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB <i>258</i>	
PUMP TRUCK CHARGE	<i>1125.00</i>
EXTRA FOOTAGE @	
MILEAGE NUM <i>27</i>	@ <i>7.00 189.00</i>
MANIFOLD @	
<i>lum 27</i>	@ <i>4.00 108.00</i>

TOTAL *1422.00*

PLUG & FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	

TOTAL _____

To: Allied Oil & Gas Services, LLC.
You are hereby requested to rent cementing equipment and furnish cementer 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 *Jeey D. Rowe*

SIGNATURE *Jeey D. Rowe*
Thank You!

SALES TAX (If Any) <i>237.73</i>	
TOTAL CHARGES <i>5,575.43</i>	<i>5,220.43</i>
DISCOUNT <i>25%</i>	<i>1,343.45</i>
	<i>IF PAID IN 30 DAYS</i>
	<i>4,181.57</i>
	<i>4,215.33</i>



pd
3257
8-15-12

PAGE 1 of 1	CUST NO 1005952	INVOICE DATE 08/07/2012
INVOICE NUMBER 1718 - 90972220		

Pratt (620) 672-1201
 B CARRIE EXPLORATION & DEVELOPMENT LLC
 I 210 W 22ND ST
 L HAYS
 L KS US 67601
 T
 O ATTN: HEROLD

J LEASE NAME Sleeper C-1
 O LOCATION
 B COUNTY Stafford
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T JOB CONTACT
 E

C

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40496193	19905		Net - 30 days	09/06/2012

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<i>For Service Dates: 08/04/2012 to 08/04/2012</i>				
0040496193				
<i>Cement 5 1/2" Longstring</i>				
171806777A Cement-New Well Casing/Pi 08/04/2012				
Cement 5 1/2" Longstring				
AA2 Cement	175.00	EA	12.75	2,231.31 T
60/40 POZ	25.00	EA	9.00	225.01 T
C-41P	42.00	EA	3.00	126.00 T
Salt	804.00	EA	0.38	301.51 T
C-44	124.00	EA	3.86	478.96 T
FLA-322	83.00	EA	5.63	466.89 T
Gilsonite	874.00	EA	0.50	439.20 T
Celloflake	43.00	EA	2.78	119.33 T
"Auto Fill Float Shoe 5 1/2" (Blue)"	1.00	EA	270.01	270.01
"Latch Down Plug & Baffle, 5 1/2" (Blu	1.00	EA	300.01	300.01
"5 1/2" Port Collar "	1.00	EA	2,625.05	2,625.05
"5 1/2" Basket (Blue)"	3.00	EA	217.51	652.52
"Turboizer, 5 1/2" (Blue)"	8.00	EA	82.50	660.02
"Flow-Seal 11 (Sodium Silicate), 12% Sol	330.00	EA	4.50	1,485.04 T
"Unit Mileage Chg (PU, cars one way)"	38.00	MI	3.19	121.13
Heavy Equipment Mileage	76.00	MI	5.25	399.01
"Proppant & Bulk Del. Chgs., per ton mil	355.00	EA	1.20	426.01
Depth Charge; 3001-4000'	1.00	EA	1,620.04	1,620.04
Blending & Mixing Service Charge	200.00	BAG	1.05	210.01
Casing Swivel Rental	1.00	EA	150.00	150.00
Plug Container Util. Chg.	1.00	EA	187.51	187.51
"Service Supervisor, first 8 hrs on loc	1.00	EA	131.25	131.25

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	13,625.82
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	428.75
PO BOX 841903	PO BOX 10460	INVOICE TOTAL	14,054.57
DALLAS, TX 75284-1903	MIDLAND, TX 79702		



BASIC
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET
1718 06777 A

DATE _____ TICKET NO. _____

DATE OF JOB <u>09-04-12</u> DISTRICT <u>PRATT KS</u>		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:							
CUSTOMER <u>CARRIE EXPLORATION</u>		LEASE <u>SLOPER</u> C-1 WELL NO.							
ADDRESS		COUNTY <u>STAFFORD</u> STATE <u>KS</u>							
CITY STATE		SERVICE CREW <u>Sullivan, Mckun, Phye</u>							
AUTHORIZED BY		JOB TYPE: <u>CDW 5 1/2 Log Sand</u>							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME
<u>19903-19905</u>	<u>40</u>						<u>08-03-12</u>	<u>PM</u>	<u>4:15</u>
<u>20959-19908</u>	<u>40</u>					ARRIVED AT JOB	<u>09-03-12</u>	<u>AM</u>	<u>11:15</u>
<u>37900</u>						START OPERATION	<u>09-04-12</u>	<u>AM</u>	<u>3:20</u>
						FINISH OPERATION		<u>AM</u>	<u>4:00</u>
						RELEASED		<u>AM</u>	<u>4:45</u>
						MILES FROM STATION TO WELL <u>38</u>			

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: [Signature]
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 105	AA-2 cut	SK	175		2,975 00
CP 103	60/40 pot cut	sk	25		300 00
PC 105	CWP	lb	42		166 00
CC 111	Solt	lb	804		402 00
PC 115	L-44	lb	124		638 60
CC 129	FLA-322	lb	83		622 50
CC 201	Gilsonite	lb	874		585 98
PC 102	Cellulose	lb	43		139 00
CF 1231	Auto 711 Additive star 5 1/2	SA	1		360 00
CF 607	LN+ch down plug	SA	1		400 00
CF 491	PORT-collector	CF	1		3,500 00
CF 1901	LINKET	SA	3		870 00
CF 1051	Zeaboder	SA	2		880 00
CC 159	Flow-Seal 21 Sodium-Sulfate	GAL	330		1,980 00

SUB TOTAL
DLS

SERVICE & EQUIPMENT	%TAX ON \$
MATERIALS	%TAX ON \$
TOTAL	

Thank you

CHEMICAL / ACID DATA:			

SERVICE REPRESENTATIVE [Signature] THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: [Signature]
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

