

**Ritchie Exploration, Inc.
Baker 31CD Unit No.1
335' FSL and 2580' FWL
5'N & 60'W of S2 S2 S2
Sec 31 T15S R34W
Logan County, Kansas**

Geological Report
by

Macklin M. Armstrong, P.G.
License Number 743

Scale 1:240 Imperial

Well Name:	Baker 31CD Unit No. 1	
Surface Location:	Sec 31 T15 R34W	
Bottom Location:	335' FSL and 2580' FWL	
API:	15-109-21294	
License Number:	4767	
Spud Date:	5/22/2014	Time: 3:30 PM
Region:	Logan County, Kansas	
Drilling Completed:	6/6/2014	Time: 7:42 AM
Surface Coordinates:		
Bottom Hole Coordinates:		
Ground Elevation:	3049.00ft	
K.B. Elevation:	3054.00ft	
Logged Interval:	3400.00ft	To: 4783.00ft
Total Depth:	4780.00ft	
Formation:	Mississippi	
Drilling Fluid Type:	Chemical/Fresh Water Gel	

OPERATOR

Company:	Ritchie Exploration, Inc.	
Address:	8100 East 22nd Street North, No. 700 Wichita, Kansas 67226	
Contact Geologist:	Pete Fiorini	
Contact Phone Nbr:	316-691-9500	
Well Name:	Baker 31CD Unit No. 1	
Location:	Sec 31 T15 R34W	API: 15-109-21294
Pool:	Oil	Field: Wildcat
State:	Kansas	Country: USA

CONTRACTOR

Contractor: WW Drilling, LLC
 Rig #: 8
 Rig Type: mud rotary
 Spud Date: 5/22/2014
 TD Date: 6/6/2014
 Rig Release: 6/7/2014

Time: 3:30 PM
 Time: 7:42 AM
 Time: 7:30 AM

SURFACE CO-ORDINATES

Well Type: Vertical
 Longitude: 101° 08' 30.513" Latitude: 38° 42' 06.141"
 N/S Co-ord:
 E/W Co-ord:

ELEVATIONS

K.B. Elevation: 3054.00ft Ground Elevation: 3049.00ft
 K.B. to Ground: 5.00ft

NOTES

Date	Depth at 7 am	Activity
5-22-14	MIRU	Spud at 3:30 pm
5-23-14	219	Shut down
5-24-14	219	Shut down
5-25-14	219	Shut down
5-26-14	219	Shut down
5-27-14	219	Resume drilling at 8:30 am
5-28-14	2306	Drilling
5-29-14	3254	Drilling
5-30-14	3800	Drilling
5-31-14	3930	CFS
6-01-14	3953	TIH after DST No. 3
6-02-14	4110	CFS
6-03-14	4265	Drilling
6-04-14	4398	Drilling
6-05-14	4552	TOH after DST No. 7
6-06-14	4770	Drilling
6-07-14	4780	Set 5 1/2"

Surface Casing: 8 5/8" 23# at 219'
 Production Casing: 5 1/2" 15.5# at 4670'

Deviation: 219' - 1/4°
 3900' - 1°
 4384' - 3/4°
 4780' - 1/2°

Bit Record:	Make	Size	Type	Depth In	Depth Out	Hours
	SM	12 1/4"	RR	Surface	219	2 1/2
	SM	7 7/8"	F27	219	4780	124 3/4

Drill Stem Tests:

DST No. 1 3852 to 3900 Toronto
 30-45-45-60
 Recovery: 318' GO (2%G, 98%O - 22.4 degree gravity)
 122' GWMO (4%G, 4%W, 44%M, 48%O)
 IHP 1817 FHP 1797
 IFP 15-103 FFP 109-182
 ISIP 1080 FSIP 1064
 Temp 111°

DST No. 2 3898 to 3930 Lansing A Zone
 30-45-45-60

Recovery: 10' CO (20 degree gravity)
160' OSMW (4%, 10%M, 86%W - Chl 28,000 ppm)

IHP 1828 FHP 1811
IFP 9-73 FFP 76-114
ISIP 1114 FSIP 1108
Temp 110°

DST No. 3 3928 to 3953 Lansing C Zone
30-45-45-60

Recovery: 430' CO (25.8 degree gravity)
60' HO CM (30%O, 70%M)

IHP 1834 FHP 1798
IFP 13-106 FFP 112-194
ISIP 1108 FSIP 1096
Temp 114°

DST No. 4 3983 to 4019 Lansing E, F Zones
30-45-45-60

Recovery: 10' GO (22.8 degree gravity)
251' VSOSMW with very thin scum of oil (20%M, 80%W - Chl 15,000 ppm)

IHP 1875 FHP 1873
IFP 8-78 FFP 81-126
ISIP 1140 FSIP 1142
Temp 114°

DST No. 5 4108 to 4146 Lansing I Zone
30-45-45-60

Recovery: 80' GO (23.6 degree gravity)
45' GOCM (3%G, 13%O, 84%M)

IHP 1935 FHP 1928
IFP 8-31 FFP 36-59
ISIP 1188 FSIP 1172
Temp 111°

DST No. 6 4352 to 4384 Altamont
30-30-30-30

Recovery: 10' Mud
IHP 2083 FHP 2074
IFP 9-14 FFP 14-18
ISIP 18 FSIP 21
Temp 112°

DST No. 7 4526 to 4552 Lower Cherokee Lime
30-45-45-60

Recovery: 2' VSOSDM with a scum of oil
IHP 2204 FHP 2171
IFP 8-9 FFP 10-11
ISIP 117 FSIP 80
Temp 115°

Formation	Sample	E-Log	Datum	Well 1	Well 2	Well 3
Anhydrite	2367	2366	+688	+4	+13	+21
B/Anhydrite	2386	2386	+668	+2	+10	+18
Stotler	3495	3495	-441	-2	+12	+18
Heebner	3855	3856	-802	0	+17	+23
Toronto	3872	3872	-818	-1	+19	+27
Lansing	3904	3904	-850	-2	+17	+24
Muncie Creek	4076	4076	-1022	-6	+21	+29
Stark	4172	4172	-1118	-6	+18	+25
Hushpuckney	4217	4219	-1165	-6	+17	+23
Base/Kansas City	4258	4260	-1206	-6	+15	+20
Marmaton	4283	4285	-1231	-8	+17	+21
Altamont	4317	4319	-1265	-9	+11	+24
Pawnee	4393	4394	-1340	-10	+13	+18
Myrick Station	4435	4436	-1382	-14	+15	+21
Fort Scott	4450	4451	-1397	-12	+12	+16
Cherokee Shale	4479	4480	-1426	-14	+11	+15
Johnson Zone	4558	4559	-1505	-12	+10	+16
Ross Penn Lime	4602	4602	-1540	-15	+16	+12

Base Perm Lime	4602	4603	-1349	-13	+16	+12
Morrow	4610	4611	-1557	-18	+16	+10
Mississippi	4640	4642	-1588	-20	+29	+41
Total Depth	4780	4783	-1729			

Well 1: Ritchie Exploration, Inc. Baker 31B No. 1 2235' FNL and 1090' FWL Sec 31 T15S R34W
 Well 2: Russell Oil Company Edwards Trust B No. 1-32 2260' FSL and 1000' FWL Sec 32 T15S R34W
 Well 3: Russell Oil Company Edwards Trust A No. 1-32 780' FNL and 400' FWL Sec 32 T15S R34W

Pipe was set to further test the Toronto and Lansing zones.

Respectfully submitted,
 Macklin M. Armstrong

ROCK TYPES

	Lmst fw7>		shale, gry		shale, red
	shale, grn		Carbon Sh		

ACCESSORIES

MINERAL	FOSSIL	STRINGER	TEXTURE
▲ Chert, dark	☉ Coral	■ Sandstone	C Chalky
P Pyrite	○ Crinoids		
• Sandy	F Fossils < 20%		
• Silty	⊕ Oolite		
△ Chert White	⊕ Oomoldic		

OTHER SYMBOLS

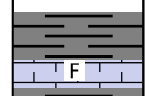
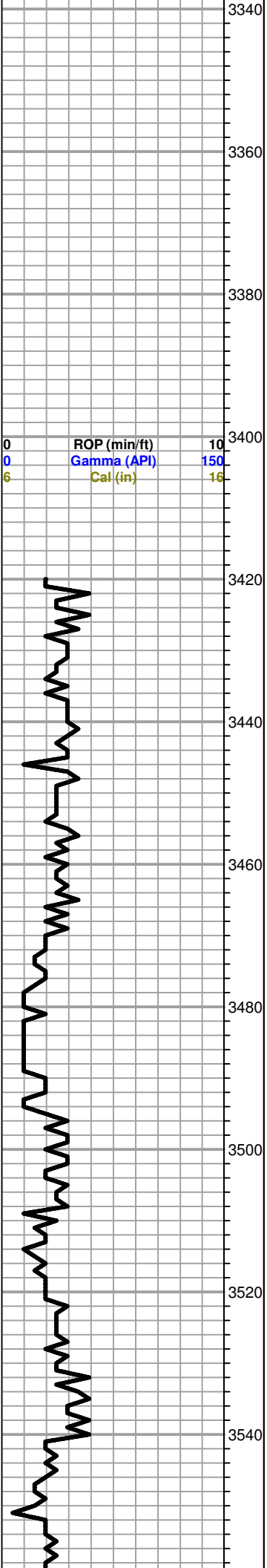
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Core Log File	
Drill Cuttings Rpt	

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Curve Track #1			Depth Intervals	DST	Lithology	Oil Show	Geological Descriptions	Comment
ROP (min/ft)	Gamma (API)	Cal (in)						
0	150	16	0					
0	150	16	10					
6	150	16	16					
			3320					
<p>Ritchie Exploration, Inc. Baker 31CD Unit No. 1 335' FSL and 2580' FWL 5'N & 60'W of S2 S2 S2 Sec 31 T15S R34W Logan County, Kansas GL 3049 KB 3054</p>								
<p>Mud Program: Mud Co/Service Mud Chemical Gel/Premix</p> <p>Sample Cuttings: KGS Well Sample Library</p> <p>Testing: Diamond Testing</p>								

Electric Logs:
Nabors Production &
Completion Services
Company
DIL
CDL/CNL
MEL

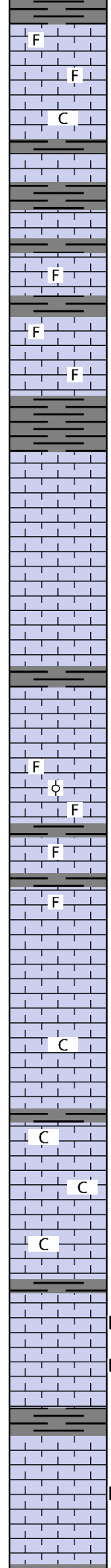
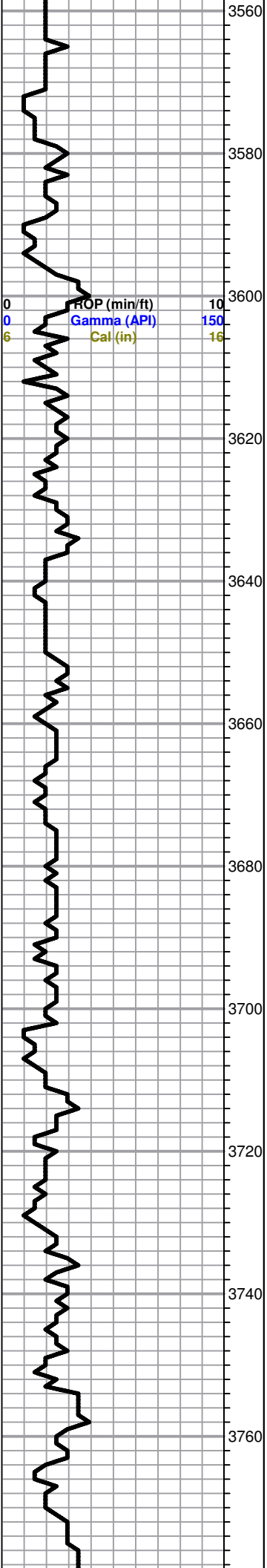
Deviation:
219' - 1/4°
3900' - 1°
4384' - 3/4°
4780' - 1/2°



Sh-gry/dk gry
Ls-gry/tan f/mxn mhd sl fos no por

----- Stotler 3495 -441 -----

All formation tops on
this geological log have
been correlated back to
the electric log



Sh-gry/dk gry
Ls-tan/lt gr f/mxln mhd sl fos no por

F

Ls-AA

C

Ls-tan/crm fxln mhd sl clk y no por
Sh-gry/dk gry
Ls-tan/lt gry f/mxln mhd/dns no por

Sh-gry/dk gry
Ls-tan/lt gry f/mxln mhd/dns no por
Sh-gry/dk gry

F

Ls-tan/lt gry f/mxln mhd sl fos no por
Sh-gry/dk gry

F

Ls-tan/lt gry f/mxln mhd sl fos no por

F

Ls-tan/lt gry f/mxln mhd sl fos no por

Sh-gry/dk gry

Sh-gry/dk gry

Ls-tan/gry f/mxln dns no por
Ls-tan/lt gry/gry f/mxln mhd no por
Ls-tan/lt gry f/mxln dns no por

Ls-tan fxln mhd no por

Ls-AA

Ls-AA

Sh-gry/dk gry

Ls-tan fxln mhd/dns no por

Ls-AA

F

Ls-tan/lt gry f/mxln mhd no por sm Ls-tan/lt gry fxln mhd sl fos with blk ool no por

F

Sh-gry/dk gry

F

Ls-tan/lt gry f/mxln mhd/dns sl fos no por
Sh-gry/dk gry

F

Ls-tan f/mxln mhd/dns sl fos no por

Ls-AA

Ls-tan fxln mhd/dns no por

3700

C

Ls-tan fxln soft/mhd sl clk y no por
Ls-tan fxln mhd no por

Sh-gry/dk gry

3720

C

Ls-tan/crm fxln mhd sl clk y no por sm Ls-wt fxln soft clk y no por

C

Ls-AA

C

Ls-tan/crm fxln mhd/dns sl clk y no por

Sh-gry/dk gry

D

Ls-tan fxln dns no por sm Ls-tan fxln mhd pr vug por blk/dk brn spt dead oil stn

D

Ls-AA

Ls-tan fxln dns no por

Sh-gry/dk gry

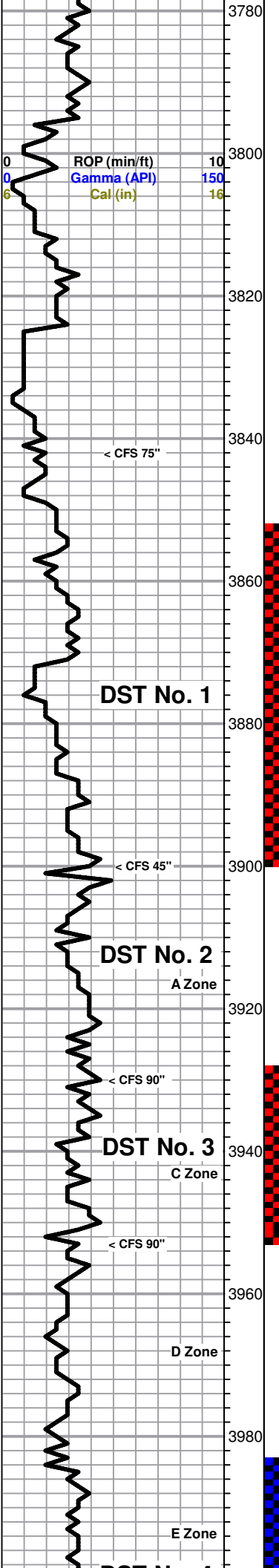
3760

Ls-tan/lt gry fxln dns no por

D

Ls-tan fxln mhd no por sm Ls-tan fxln mhd pr vug por blk dead oil spt stn

Ls-tan fxln dns no por



Sh-gry/dk gry

Ls-tan/gry f/mxln dns sl fos no por

Sh-gry/dk gry

Ls-tan fxl n mhd sl fos fr vug/inter xln por blk/dk brn dead oil sat stn nsfo

Ls-tan fxl n mhd no por

Ls-tan fxl n mhd sl fos fr vug/inter xln por blk/dk brn dead oil sat stn ssfo fr cut no odor

Ls-tan/lt gry fxl n mhd/dns no por

Ls-tan fxl n dns no por

Ls-AA

Sh-gry/dk gry

Ls-tan fxl n mhd no por sm Ls-tan fxl n mhd blk/dk brn dead oil sat stn ssfo on brk sl cut no odor

Ls-AA

Ls-crm/lt tan/lt gry f/mxln mhd sl fos no por

Ls-tan/lt gry f/mxln mhd sl fos no por sm free crin and sm Ls-tan fxl n mhd fr vug/inter xln por blk/dk brn spt stn ssfo on brk sl cut

Ls-tan/lt gry fxl n dns no por

----- Heebner 3855 -801 -----

Sh-blk carb

Ls-tan/gry fxl n mhd/dns no por

Sh-gry/dk gry

----- Toronto 3872 -818 -----

Ls-tan f/mxln mhd fos fr vug/inter xln por dk brn spt to sat stn fr cut fsfo on brk fr odor

Ls-tan fxl n dns no por sm Cht-wt/lt gry/gry fsh opa

Ls-AA sm Cht-wt fsh opa and sm Ls-tan fxl n mhd fos fr vug/inter xln por dk brn sct stn ssfo on brk sl cut sl odor

Ls-tan fxl n dns no por sm Cht-wt fsh opa

Ls-crm/lt tan fxl n mhd/dns no por sm Pyrite and Cht-wt/lt gry fsh opa and sm Ls-tan fxl n mhd sl fos fr inter xln por dk brn sct stn ssfo on brk sl odor

Sh-gry/dk gry

----- Lansing 3904 -850 -----

Ls-crm/tan fxl n dns no por

Ls-AA with sm Ls-tan fxl n mhd fr vug por brk spt stain ssfo on brk sl odor

Ls-crm/tan fxl n gd vug por gsfo gd cut gd odor

Ls-tan/crm fxl n dns no por

Ls-AA with sm Ls-tan fxl n mhd fr vug por dk brn spt stn fsfo on brk sl cut sl odor

Ls-tan/crm fxl n dns no por

Sh-gry/dk gry

Ls-tan fxl n dns no por sm Ls-tan fxl n mhd pr vug por blk dead oil stn nsfo

Ls-tan/crm fxl n dns inter laced with pyrite sm Ls-tan mxln mhd fos fr vug por fsfo fr cut sl odor

Ls-tan fxl n mhd fos gd vug/inter fos por brn sat stn fgso gd cut gd odor

Ls-tan/crm fxl n mhd/dns inter laced with pyrite blk gils stn no por nsfo

Sh-gry/dk gry/grn

Ls-crm/tan/lt gry fxl n mhd/dns no por

Ls-AA

Ls-crm/lt tan/lt gry fxl n mhd/dns no por sm Ls-wt fxl n mhd clk

Ls-AA

Ls-crm/tan/lt gry fxl n mhd/dns no por

Sh-gry/dk gry

Ls-tan/crm fxl n mhd fos oom and ool fr inter fos/pp por brn spt to sat stn fgso on brk gd cut gd odor

Ls-AA

DST No. 1
3852 to 3900
30-45-45-60
1st Open: BOB in 18"
2nd Open: BOB in 21"
Recovery:
318' GO (2%G, 98%O
22.4 deg grav)
122' GWMO (4%G, 4%W
44%M, 48%O)
IHP 1817 FHP 1797
IFP 15-103 FFP 109-182
ISIP 1080 FSIP 1064
Temp 111°

Mud Data at 3900' 11:55 am
5-30-14 Wt 8.9 Vis 54 WL 6.4
pH 11 Chl 3000 Sol 4.5%
YP 16 LCM 2#

Pulled 35 stand short trip at 3900', then cir for test - 90°

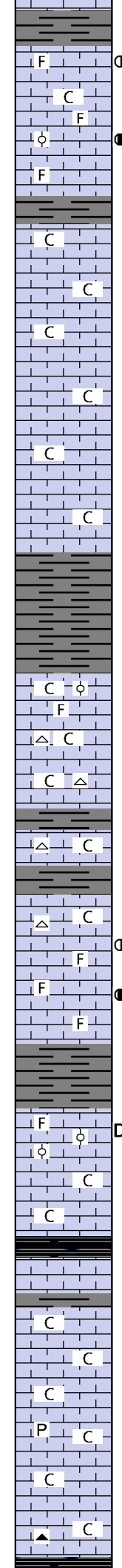
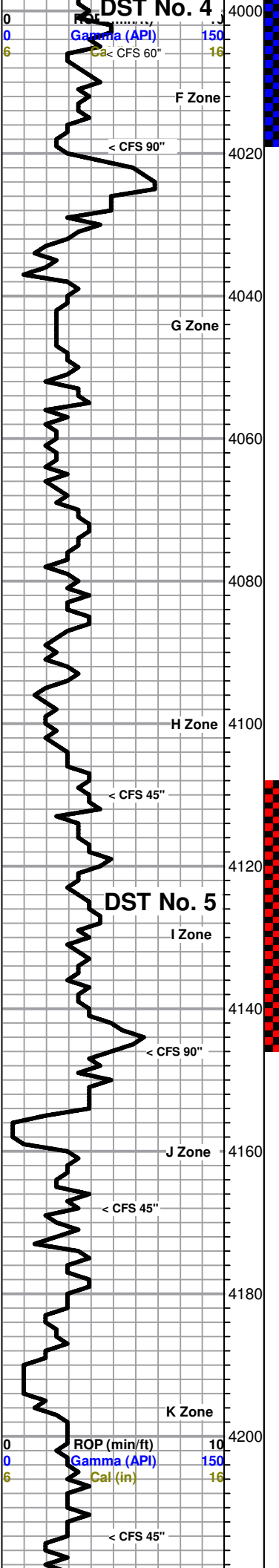
Pipe strap at 3900', short 0.27'

DST No. 2
3898 to 3930
30-45-45-60
1st Open: Weak sur blow, building to 7.5"
2nd Open: Very weak sur blow, building to 8"
Recovery:
10' CO (20 deg grav)
160' OSMW (4%O, 10%M
86%W - Chl 28,000 ppm)
IHP 1828 FHP 1811
IFP 9-73 FFP 76-114
ISIP 1114 FSIP 1108
Temp 110°

Mud Data at 3930' 10:30 am
5-31-14 Wt 9 Vis 59 WL 7.2
pH 11 Chl 4400 Sol 4.4%
YP 17 LCM 2#

Mud Data at 3953' 8:00 am
6-01-14 Wt 9 Vis 57 WL 8.8
pH 10.5 Chl 5000 Sol 4.8%
YP 16 LCM 1#

DST No. 3
3928 to 3953
30-45-45-60
1st Open: BOB in 16"
2nd Open: BOB in 18"
Recovery:
430' CO (25.8 deg grav)
60' HOCM (30%O, 70%M)



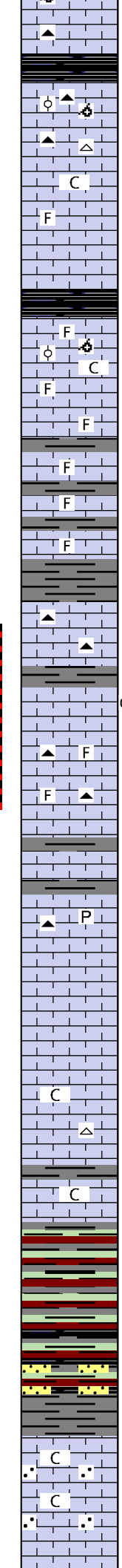
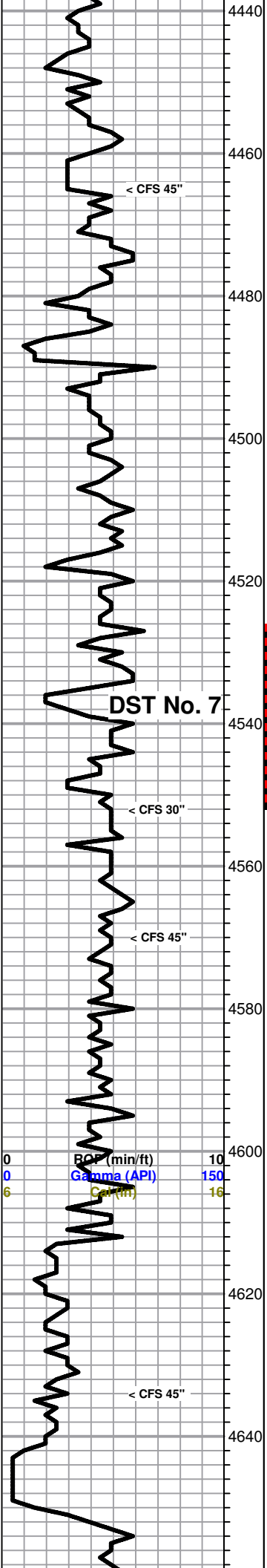
Sh-gry/dk gry
 Ls-tan/brn/gry fxln mhd/dns no por sm Ls-tan/brn/lt gry fxln mhd fos fr inter xln por brn stp stn ssfo on brk sl cut faint odor
 Ls-frm/lt gry fxln dns sl clkly no por
 Ls--crm fxln mhd fos ool gd inter ool por lt brn spt stn fsfo on brk fr cut fr odor
 Ls-frm/lt gry f/mxln mhd fos no por
 Sh-gry/dk gry
 Ls-frm/lt tan/lt gry fxln mhd clkly no por
 Ls-frm/lt tan fxln dns sl clkly no por
 Ls-frm/lt tan fxln mhd/dns sl clkly no por
 Ls-AA
 Ls-AA
 Ls-frm/lt tan/lt gry fxln mhd sl clkly no por
 Ls-AA
 Ls-frm/lt tan/lt gry fxln dns sl clkly no por
 ----- **Muncie Creek 4076 -1022** -----
 Sh-gry/dk gry
 Sh-AA
 Ls-lt gry fxln mhd sub clkly with sm blk to gry ool no por and sm Ls-tan mxln mhd fos no por
 Ls-AA with sm Ls-tan/gry f/mxln mhd fos no por
 Ls-frm/lt gry/tan f/mxln mhd sl clkly no por sm Cht-wt/lt gry fsh opaq and Ls-wt fxln soft clkly no por
 Ls-tan/gry mxln mhd fos no por sm Cht-AA
 Sh-gry/dk gry
 Ls-frm/tan/lt gry fxln mhd/dns sub clkly no por sm Cht-wt/lt gry fsh opaq
 Sh-gry/dk gry
 Ls-frm/tan/lt gry fxln mhd/dns sl clkly no por sm Cht-lt gry/wt fsh opaq
 Ls-tan fxln mhd fos fr vug/inter fos por lt brn sct to sat stn ssfo on brk fr cut faint odor
 Ls-tan mxln mhd fos gd vug/inter fos por lt brn sct to sat stn fgsfo on brk gd cut fair odor
 Ls-tan/gry fxln dns no por
 Sh-gry/dk gry
 Ls-frm fxln mhd fos sl ool gd ooc por few pcs with blk tarry oil nsfo no odor
 Ls-frm/lt tan fxln dns sl clkly no por
 Ls-AA
 ----- **Stark 4172 -1118** -----
 Sh-blk carb
 Ls-tan/gry f/mxln dns no por
 Sh-gry/dk gry
 Ls-frm/lt tan fxln mhd/dns sl clkly no por
 Ls-wt fxln soft clkly no por
 Ls-frm/tanfxln mhd/dns sl clkly no por sm Pyrite
 Ls-frm/lt tan/lt gry fxln mhd/dns sl clkly no por
 Ls-tan/lt gry fxln dns sl clkly no por sm Cht-lt gry fsh opaq
 ----- **Hushpuckney 4217 -1163** -----

IHP 1834 FHP 1798
 IFP 13-106 FFP 112-194
 ISIP 1108 FSIP 1096
 Temp 114°

DST No. 4
 3983 to 4019
 30-45-45-60
 1st Open: Weak sur blow, bulding to 7"
 2nd Open: Very weak sur blow, bulding to 8"
 Recovery:
 10' CO (22.8 deg grav)
 251' VSOSMW with very thin scum of oil (20%M 80%W - Chl 15,000 ppm)
 IHP 1875 FHP 1873
 IFP 8-78 FFP 81-126
 ISIP 1140 FSIP 1142
 Temp 114°

DST No. 5
 4108 to 4146
 30-45-45-60
 1st Open: Weak sur blow, bulding to 1 3/4"
 2nd Open: Very weak sur blow, bulding to 1 1/2"
 Recovery:
 80' CO (23.6 deg grav)
 45' GOCM (3%G, 13%O 84%M)
 IHP 1935 FHP 1928
 IFP 8-31 FFP 36-59
 ISIP 1188 FSIP 1172
 Temp 111°

Mud Data at 4146' 11:50 am
 6-02-14 Wt 9 Vis 59 WL 9.6
 pH 10.5 Chl 7000 Sol 4.7%
 YP 22 LCM 1#

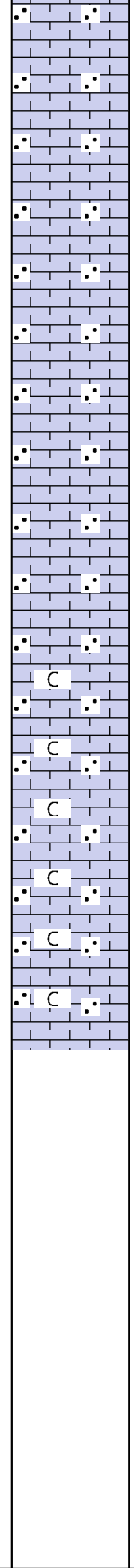
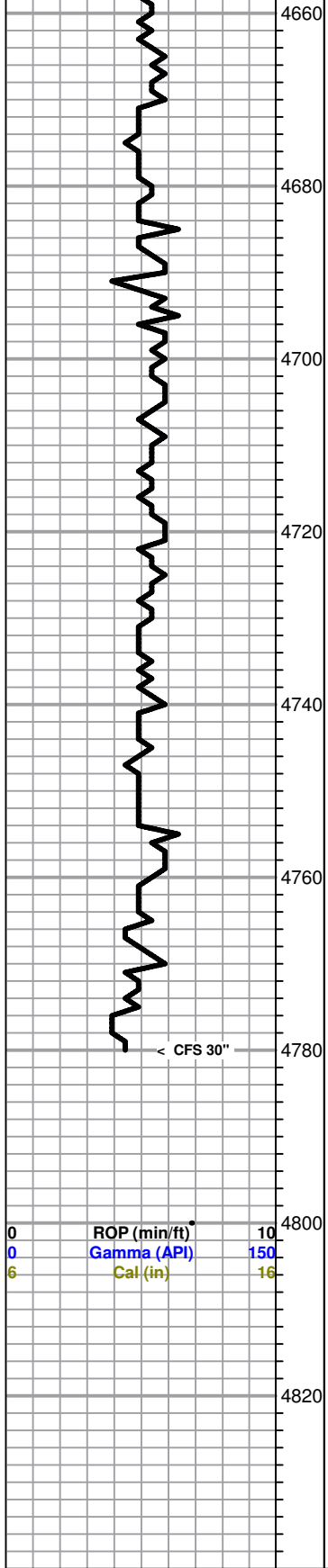


fsh opaag with dk brn ool
 Ls-AA with sm Cht-lt gry/gry fsh opaag
 Sh-blk carb
 ----- **Fort Scott 4450 -1396** -----
 Ls-gry/brn mxln mhd fos ool and oom no por sm Cht-lt gry/gry/wt fsh opaag with dk brn ool
 Ls-lt gry/tan fxln dns no por sm Cht-AA
 Ls-tan/lt gry/brn fxln mdh sl clkly no por
 Ls-tan/lt gry fxln mhd/dns sl fos no por
 Ls-tan/lt gry fxln dns no por
 ----- **Cherokee Shale 4479 -1425** -----
 Sh-blk carb
 Ls-lt gry/gry fxln dns sl fos no por
 Ls-tan/gry mxln mhd fos ool and oom sl clkly pr inter xln por nsfo
 Ls-lt gry/gry/tan fxln dns sl fos no por
 Ls-AA
 Sh-gry/dk gry
 Ls-lt gry/gry fxln mhd sl fos no por
 Sh-gry/dk gry
 Ls-gry/brn f/mxln mhd/dns sl fos no por
 Sh-gry/dk gry
 Ls-lt gry/gry fxln dns sl fos no por
 Sh-gry/dk gry
 Ls-lt gry/gry/brn fxln dns no por sm Cht-lt gry/gry/brn fsh opaag
 Sh-gry/dk gry
 Ls-tan fxln mhd gd vug por lt brn spt to sat stn gd cut fsfo on brk no odor
 Ls-lt gry/tan fxln dns sl fos no por sm Cht-tan/brn fsh opaag to semi trans
 Ls-lt gry/tan fxln dns sl fos no por sm Cht-tan opaag to semi trans
 Ls-lt gry tan fxln dns no por
 ----- **Johnson Zone 4558 -1504** -----
 Ls-tan/gry fxln dns no por
 Sh-gry/dk gry
 Ls-tan/gry/lt gry fxln dns no por sm Pyrite and Cht-tan fsh opaag
 Ls-lt gry/gry fxln dns no por
 Ls-AA
 Ls-tan/lt gry/gry fxln dns no por
 Ls-lt gry/gry fxln dns sub clkly no por sm Cht-wt fsh opaag
 ----- **Base Penn Lime 4602 -1548** -----
 Ls-tan/lt gry/crm fxln mhd sl clkly no por
 ----- **Morrow 4610 -1556** -----
 Sh-gry/dk gry/grn/mar
 Sh-AA
 Sh-gry/dk gry/grn/mar/blk
 Sh-AA with few clusters of Ss-wt/clr/lt gry f/mgrn tite cement
 Sh-gry/dk gry
 ----- **Mississippi 4640 -1586** -----
 Ls-crm/tan fxln soft/mhd sl clkly no por
 Ls-AA
 Ls-wt fgran mhd/dns no por

DST No. 7
 4526 to 4552
 30-45-45-60
 1st Open: Weak intermittent surface blow
 2nd Open: Very weak intermittent surface blow
 Recovery:
 2' VSOSDM with a scum of oil
 IHP 2204 FHP 2171
 IFP 8-9 FFP 10-11
 ISIP 117 FSIP 80
 Temp 115°

Pulled 15 stand short trip at 4552', then cir for test - 90°

Mud Data at 4552' 8:00 am
 6-05-14 Wt 9.2 Vis 54 WL 10.4
 pH 10.5 Chl 8500 Sol 5.7%
 YP 21 LCM 1#










Ls-AA
 Ls-AA
 Ls-wt/crm fgran mhd/dns no por
 Ls-AA
 Ls-wt gran mhd/dns no por
 Ls-AA
 Ls-AA
 Ls-wt/lt gry fgran mhd/dns no por
 Ls-AA
 Ls-wt fgran mhd/dns no por sm Ls-crm/lt tan fxln mhd sl clky no por
 Ls-AA
 Ls-crm/lt tan fxln mhd/dns sl clky no por sm Ls-wt fgran mhd/dns no por
 Ls-AA
 Ls-AA

----- **RTD 4780 -1726** -----

Finished drilling at 7:42 am on 6-06-14. Pulled 10 stand short trip, then circulated for log - 90 minutes.

Finished logging at 5:15 pm on 6-06-14

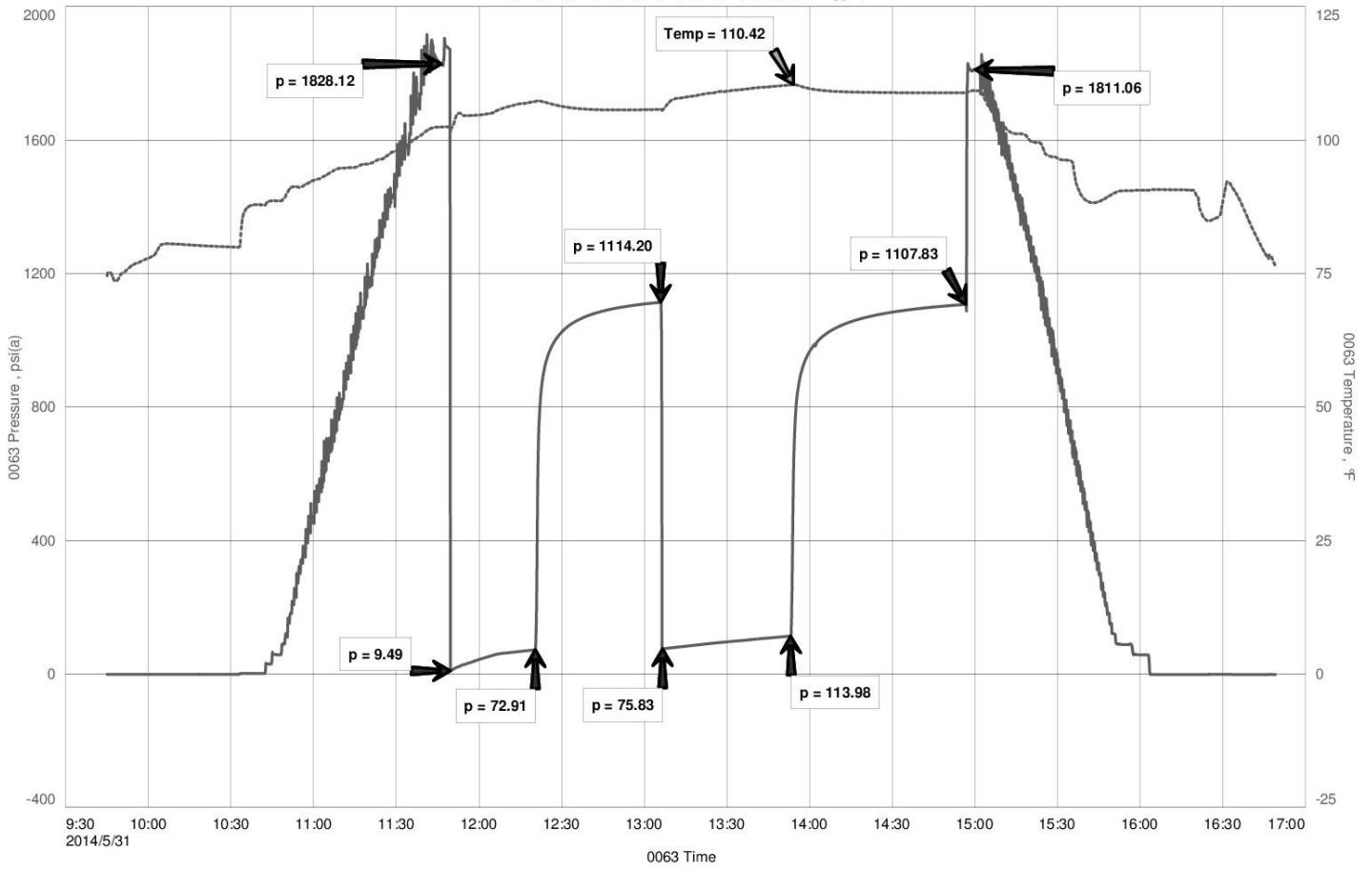
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-  BKR31CDUNT1DST2ALL-3.jpg
-  BKR31CDUNT1DST3ALL-3.jpg
-  BKR31CDUNT1DST4ALL-3.jpg
-  BKR31CDUNT1DST5ALL-3.jpg
-  BKR31CDUNT1DST6ALL-3.jpg
-  BKR31CDUNT1DST7ALL-3.jpg

Mud Data at 4780' 9:15 am
 6-06-14 Wt 9.3 Vis 60 WL 10.8
 pH 10.5 Chl 9000 Sol 6.6%
 YP 24 LCM 1#

RITCHIE EXPLORATION, INC.
DST#2 3898-3930 LANS. A
Start Test Date: 2014/05/31
Final Test Date: 2014/05/31

BAKER 31CD UNIT #1
Formation: DST#2 3898-3930 LANS. A
Pool: WILDCAT
Job Number: M658

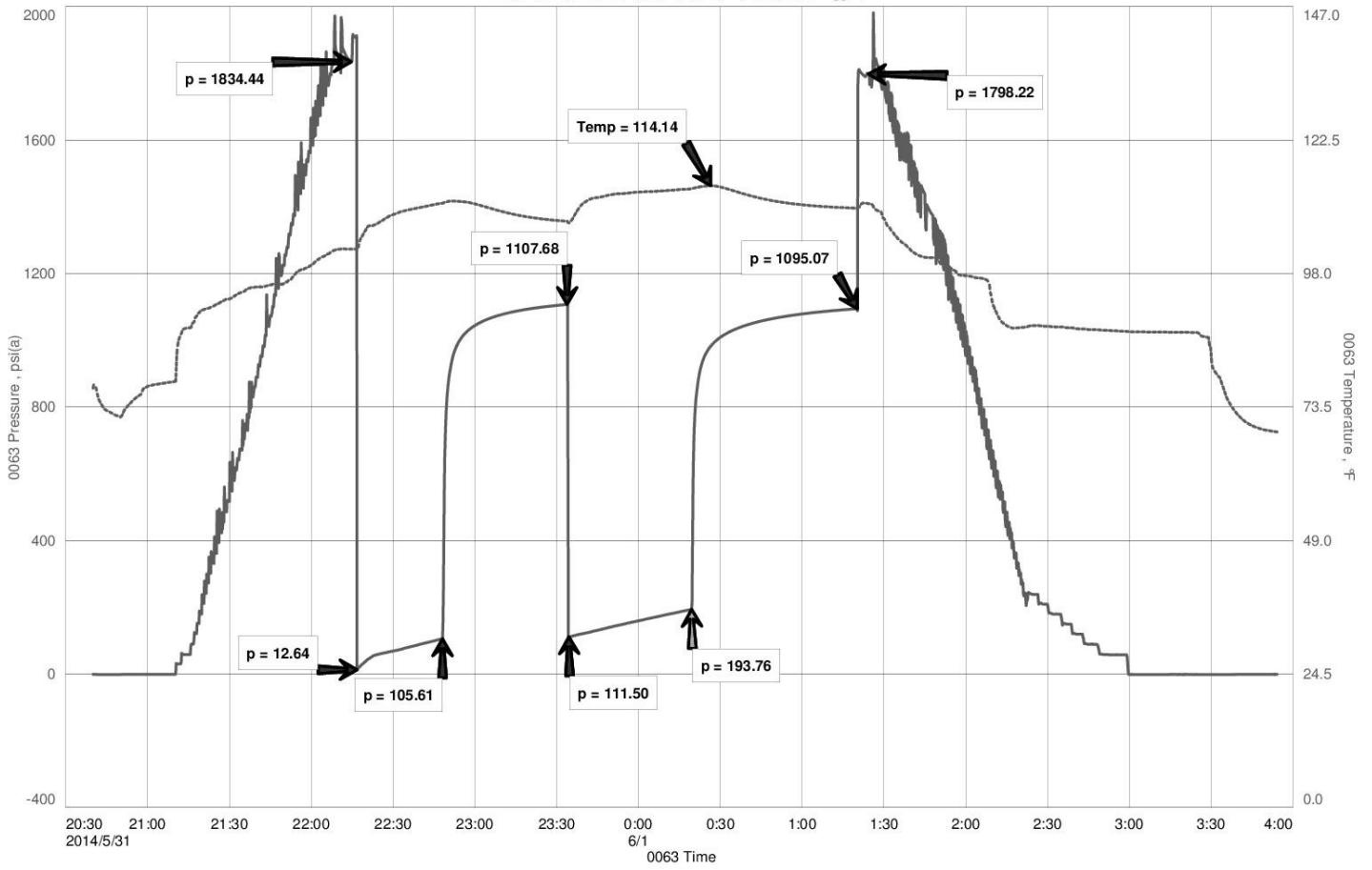
BAKER 31CD UNIT #1



RITCHIE EXPLORATION, INC.
DST#3 3828-3953 LANSING C ZONE
Start Test Date: 2014/05/31
Final Test Date: 2014/06/01

BAKER 31CD UNIT #1
Formation: DST#3 3828-3953 LANSING C ZONE
Pool: WILDCAT
Job Number: M659

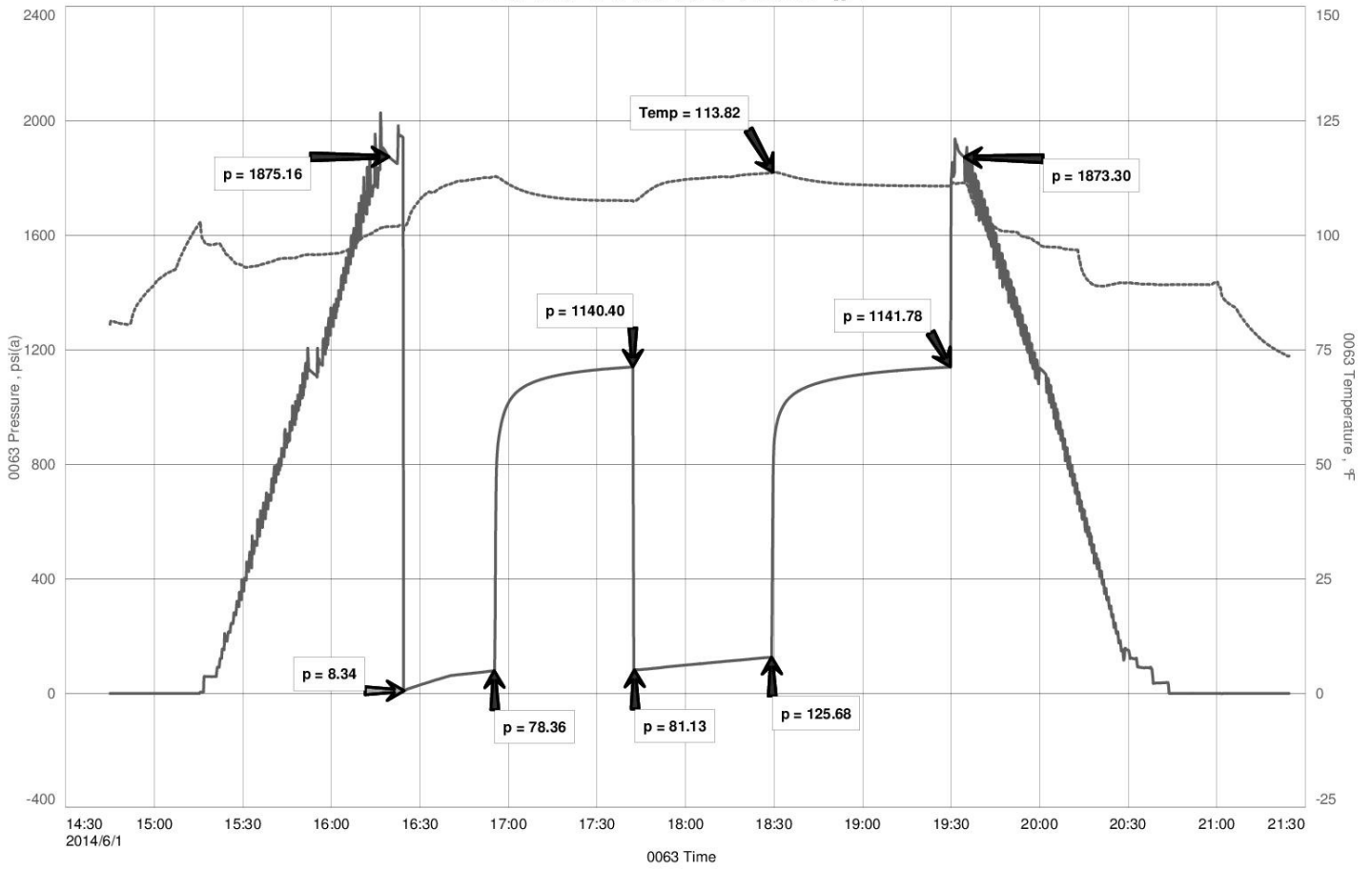
BAKER 31CD UNIT #1



RITCHIE EXPLORATION, INC.
DST#4 3983-4019 LANSING E&F
Start Test Date: 2014/06/01
Final Test Date: 2014/06/01

BAKER 31CD UNIT #1
Formation: DST#4 3983-4019 LANSING E&F
Pool: WILDCAT
Job Number: M660

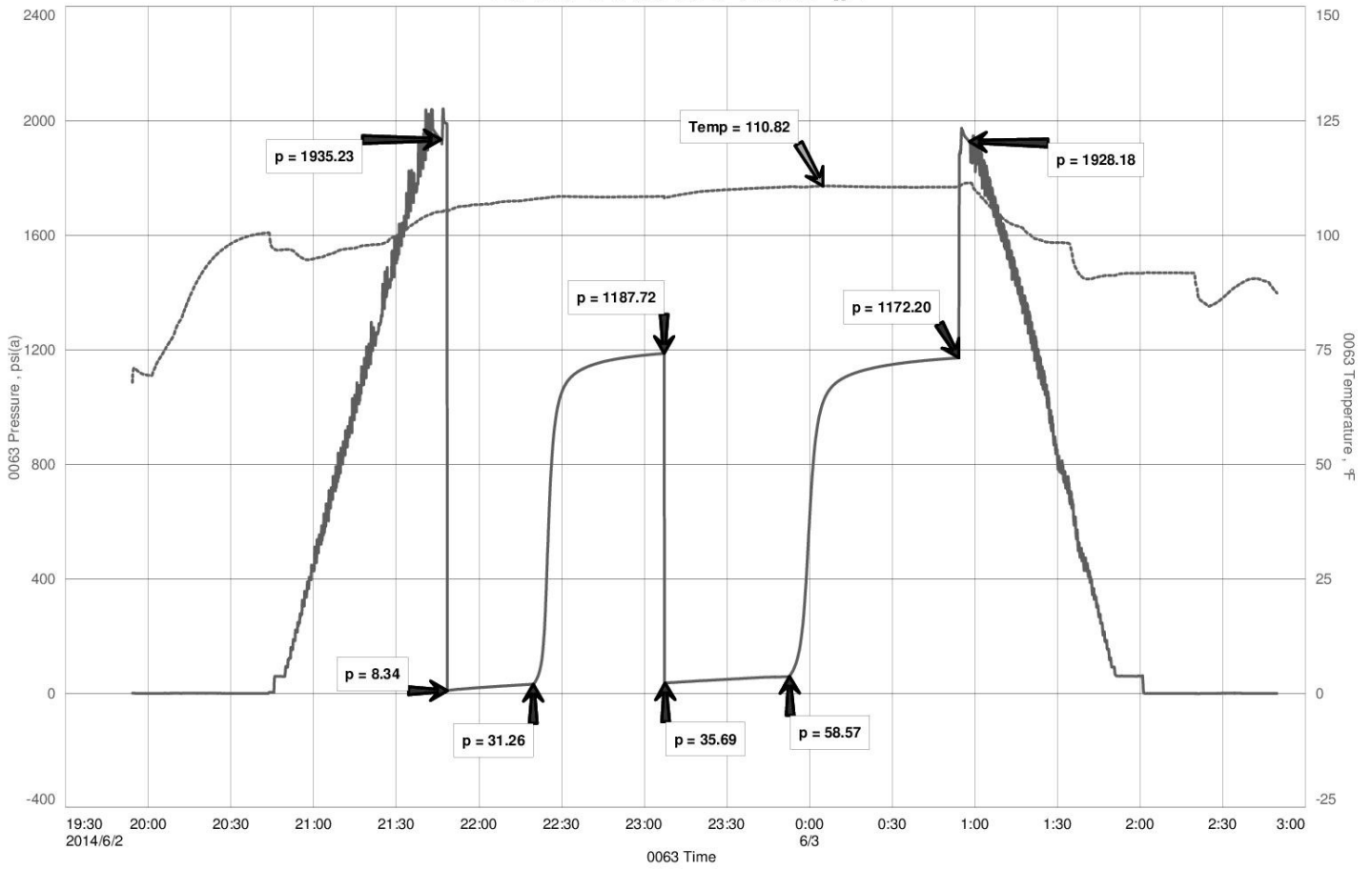
BAKER 31CD UNIT #1



RITCHIE EXPLORATION, INC.
DST#5 3983-4019 LANSING I ZN.
Start Test Date: 2014/06/02
Final Test Date: 2014/06/02

BAKER 31CD UNIT #1
Formation: DST#5 3983-4019 LANSING I ZN.
Pool: WILDCAT
Job Number: M661

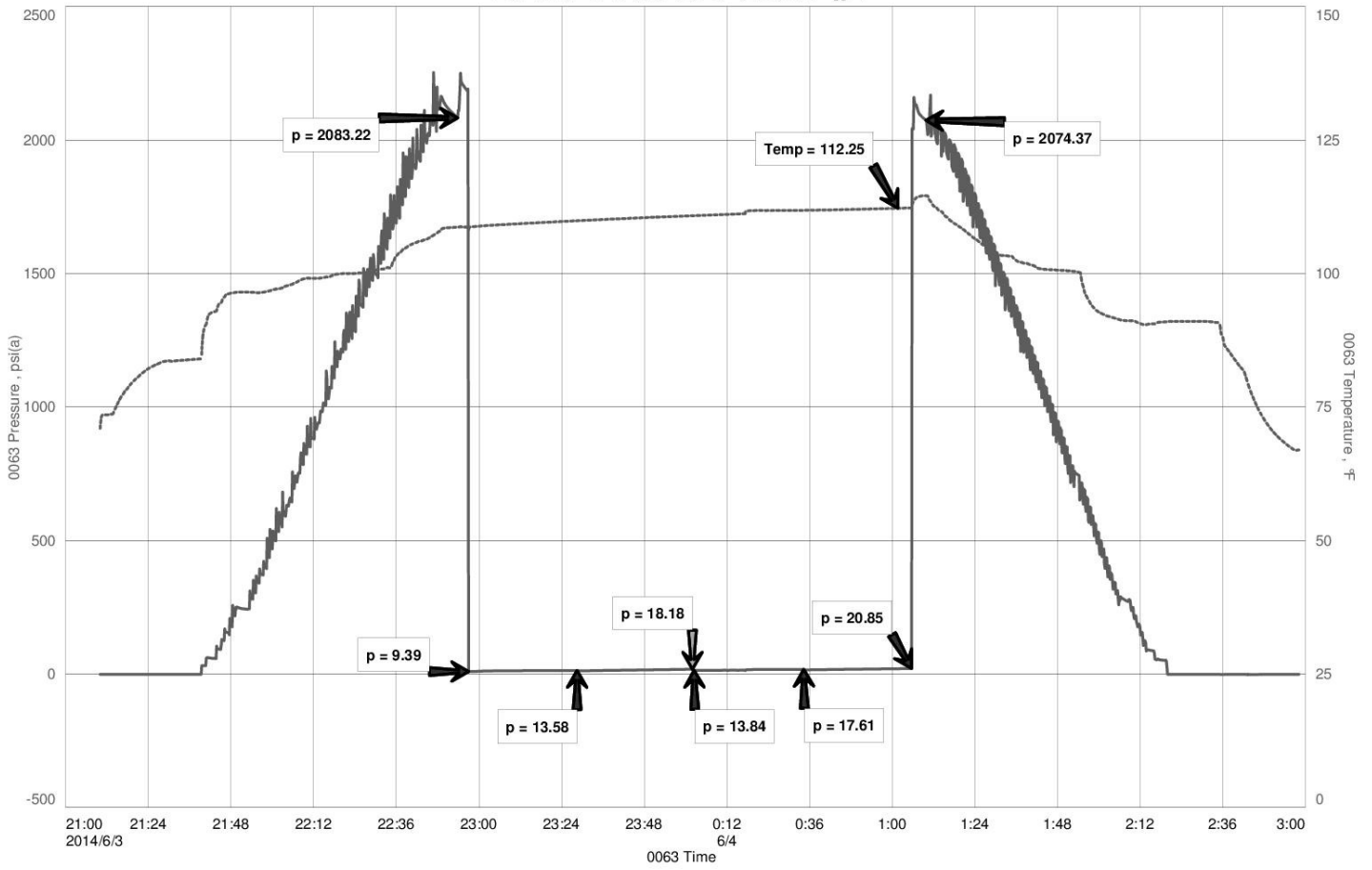
BAKER 31CD UNIT #1



RITCHIE EXPLORATION, INC.
 DST#6 4352-4384 ALTAMONT
 Start Test Date: 2014/06/03
 Final Test Date: 2014/06/04

BAKER 31CD UNIT #1
 Formation: DST#6 4352-4384 ALTAMONT
 Pool: WILDCAT
 Job Number: M662

BAKER 31CD UNIT #1



RITCHIE EXPLORATION, INC.
DST#7 4526-4552 LOWER CHEROKEE LIME
Start Test Date: 2014/06/05
Final Test Date: 2014/06/05

BAKER 31CD UNIT #1
Formation: DST#7 4526-4552 LOWER CHEROKEE LIME
Pool: WILDCAT
Job Number: M663

BAKER 31CD UNIT #1

