



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1100010
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

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

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

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
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ 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: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

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

- Confidentiality Requested
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



1100010

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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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	# Sacks Used	Type and Percent Additives

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				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

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: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

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 <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Falcon Exploration, Inc.
Well Name	FREDRICK GOOSSEN 1-27(NE)
Doc ID	1100010

All Electric Logs Run

DIL
MEL
BHCS
CNL/CDL



DRILL STEM TEST REPORT

Prepared For: **Falcon Exploration Incorporated**

125 North Market
Suite 1252
Wichita, Kansas 67202+1719

ATTN: Ted Pfau

Fredrick Goossen1-27

27/28S/30W/Gray

Start Date: 2012.07.22 @ 08:03:00

End Date: 2012.07.23 @ 00:26:00

Job Ticket #: 17665 DST #: 1

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

Printed: 2012.07.22 @ 21:36:40



DRILL STEM TEST REPORT

Falcon Exploration Incorporated

27/28S/30W/Gray

125 North Market
Suite 1252
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Fredrick Goossen1-27

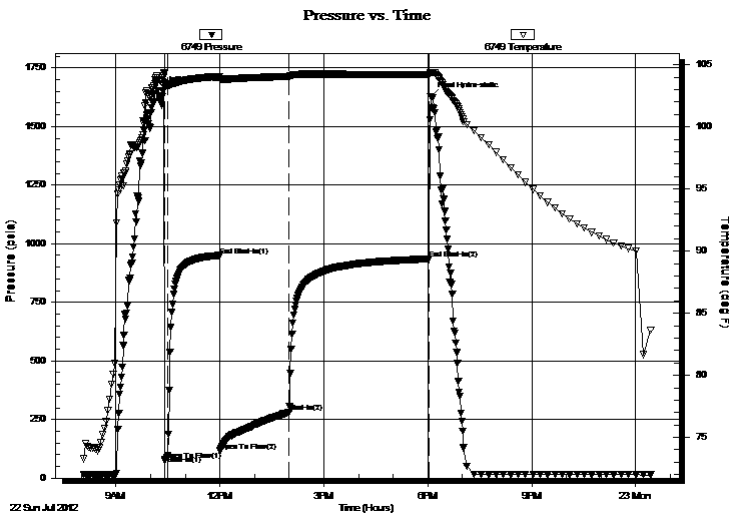
Job Ticket: 17665 **DST#: 1**
Test Start: 2012.07.22 @ 08:03:00

GENERAL INFORMATION:

Formation: **Stotler**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 10:25:00 Tester: Ken Swinney
 Time Test Ended: 00:26:00 Unit No: 3325 Hugoton/112
 Interval: **3454.00 ft (KB) To 3525.00 ft (KB) (TVD)** Reference Elevations: 2770.00 ft (KB)
 Total Depth: 3525.00 ft (KB) (TVD) 2757.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 13.00 ft

Serial #: 6749 Inside
 Press @ Run Depth: 282.01 psia @ 3521.37 ft (KB) Capacity: 5000.00 psia
 Start Date: 2012.07.22 End Date: 2012.07.23 Last Calib.: 2012.07.22
 Start Time: 08:04:00 End Time: 00:26:00 Time On Btm: 2012.07.22 @ 10:21:30
 Time Off Btm: 2012.07.22 @ 18:05:00

TEST COMMENT: 1ST Open 5 Mintues/Strong blow/Blow to bottom of bucket in 1 minute
 1ST Shut In 90 Mintues/Blow back built to 1 inch
 2ND Open 120 Mintues/Strong blow/Blow to bottom of bucket in 2 minutes/Gas to surface in 66 minutes
 2ND Shut In 240 Minutes/Blow back built to 10 inches



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1651.55	103.97	Initial Hydro-static
4	76.49	103.48	Open To Flow (1)
8	96.35	103.28	Shut-In(1)
98	950.25	104.06	End Shut-In(1)
99	116.76	103.86	Open To Flow (2)
219	282.01	104.05	Shut-In(2)
461	935.54	104.18	End Shut-In(2)
464	1628.32	104.38	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
360.00	Slightly gassy Muddy Water	2.04
0.00	Gas 5% Mud 20% Water 75%	0.00
90.00	Slightly gassy Mud	1.26
0.00	Gas 2% Mud 98%	0.00
0.00	Recovery Chlorides 95000 ppm	0.00
0.00	Recovery Resist. .18 ohms @ 92 deg.	0.00

Gas Rates

	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)
First Gas Rate	0.13	3.00	1.12
Last Gas Rate	0.13	4.46	1.67
Max. Gas Rate	0.13	4.46	1.67



DRILL STEM TEST REPORT

Falcon Exploration Incorporated

27/28S/30W/Gray

125 North Market
Suite 1252
Wichita, Kansas 67202+1719
ATTN: Ted Pfau

Fredrick Goossen1-27

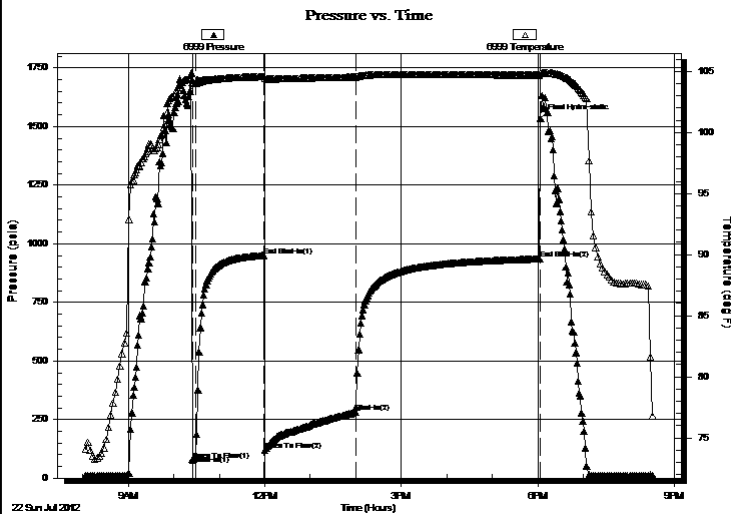
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 Unit No: 3325 Hugoton/112
 Interval: **3454.00 ft (KB) To 3525.00 ft (KB) (TVD)**
 Reference Elevations: 2770.00 ft (KB)
 Total Depth: 3525.00 ft (KB) (TVD)
 2757.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Fair
 KB to GR/CF: 13.00 ft

Serial #: 6999 Outside
 Press @ Run Depth: 935.54 psia @ 3522.37 ft (KB) Capacity: 5000.00 psia
 Start Date: 2012.07.22 End Date: 2012.07.22 Last Calib.: 2012.07.22
 Start Time: 08:04:00 End Time: 20:32:00 Time On Btm: 2012.07.22 @ 10:21:30
 Time Off Btm: 2012.07.22 @ 18:03:30

TEST COMMENT: 1ST Open 5 Mintues/Strong blow/Blow to bottom of bucket in 1 minute
 1ST Shut In 90 Mintues/Blow back built to 1 inch
 2ND Open 120 Mintues/Strong blow/Blow to bottom of bucket in 2 minutes/Gas to surface in 66 minutes
 2ND Shut In 240 Minutes/Blow back built to 10 inches



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1651.67	104.38	Initial Hydro-static
4	76.45	104.06	Open To Flow (1)
8	96.35	104.02	Shut-In(1)
98	950.57	104.59	End Shut-In(1)
99	117.90	104.43	Open To Flow (2)
219	281.82	104.54	Shut-In(2)
461	935.54	104.69	End Shut-In(2)
462	1532.89	104.82	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
360.00	Slightly gassy Muddy Water	2.04
0.00	Gas 5% Mud 20% Water 75%	0.00
90.00	Slightly gassy Mud	1.26
0.00	Gas 2% Mud 98%	0.00
0.00	Recovery Chlorides 95000 ppm	0.00
0.00	Recovery Resist. .18 ohms @ 92 deg.	0.00

Gas Rates

	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)
First Gas Rate	0.13	3.00	1.12
Last Gas Rate	0.13	4.46	1.67
Max. Gas Rate	0.13	4.46	1.67



DRILL STEM TEST REPORT

TOOL DIAGRAM

Falcon Exploration Incorporated

27/28S/30W/Gray

125 North Market
Suite 1252
Wichita, Kansas 67202+1719
ATTN: Ted Pfau

Fredrick Goossen1-27

Job Ticket: 17665 **DST#: 1**
Test Start: 2012.07.22 @ 08:03:00

Tool Information

Drill Pipe:	Length: 3102.00 ft	Diameter: 3.80 inches	Volume: 43.51 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:	20000.00 lb
Drill Collar:	Length: 330.00 ft	Diameter: 2.25 inches	Volume: 1.62 bbl	Weight to Pull Loose:	100000.0 lb
			<u>Total Volume: 45.13 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial	78000.00 lb
Depth to Top Packer:	3454.00 ft			Final	80000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	71.37 ft				
Tool Length:	98.37 ft				
Number of Packers:	2	Diameter:	6.75 inches		
Tool Comments:					

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut In Tool	5.00			3432.00	
Hydraulic Tool	5.00			3437.00	
Jars	5.00			3442.00	
Safety Joint	2.00			3444.00	
Packer	5.00			3449.00	27.00 Bottom Of Top Packer
Packer	5.00			3454.00	
Perforations	5.00			3459.00	
Change Over Sub	0.75			3459.75	
Drill Pipe	31.87			3491.62	
Change Over Sub	0.75			3492.37	
Anchor	28.00			3520.37	
Recorder	1.00	6749	Inside	3521.37	
Recorder	1.00	6999	Outside	3522.37	
Bullnose	3.00			3525.37	71.37 Bottom Packers & Anchor

Total Tool Length: 98.37



DRILL STEM TEST REPORT

FLUID SUMMARY

Falcon Exploration Incorporated

27/28S/30W/Gray

125 North Market
Suite 1252
Wichita, Kansas 67202+1719
ATTN: Ted Pfau

Fredrick Goossen1-27

Job Ticket: 17665 **DST#: 1**
Test Start: 2012.07.22 @ 08:03:00

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: 63.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.37 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 1400.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
360.00	Slightly gassy Muddy Water	2.044
0.00	Gas 5% Mud 20% Water 75%	0.000
90.00	Slightly gassy Mud	1.262
0.00	Gas 2% Mud 98%	0.000
0.00	Recovery Chlorides 95000 ppm	0.000
0.00	Recovery Resist. .18 ohms @ 92 deg.	0.000

Total Length: 450.00 ft Total Volume: 3.306 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:



DRILL STEM TEST REPORT

GAS RATES

Falcon Exploration Incorporated

27/28S/30W/Gray

125 North Market
Suite 1252
Wichita, Kansas 67202+1719
ATTN: Ted Pfau

Fredrick Goossen1-27

Job Ticket: 17665

DST#: 1

Test Start: 2012.07.22 @ 08:03:00

Gas Rates Information

Temperature: 59 (deg F)
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)
2	70	0.13	3.00	1.12
2	70	0.13	3.00	1.12
2	80	0.13	4.25	1.59
2	90	0.13	4.01	1.50
2	100	0.13	3.72	1.39
2	110	0.13	4.25	1.59
2	120	0.13	4.46	1.67

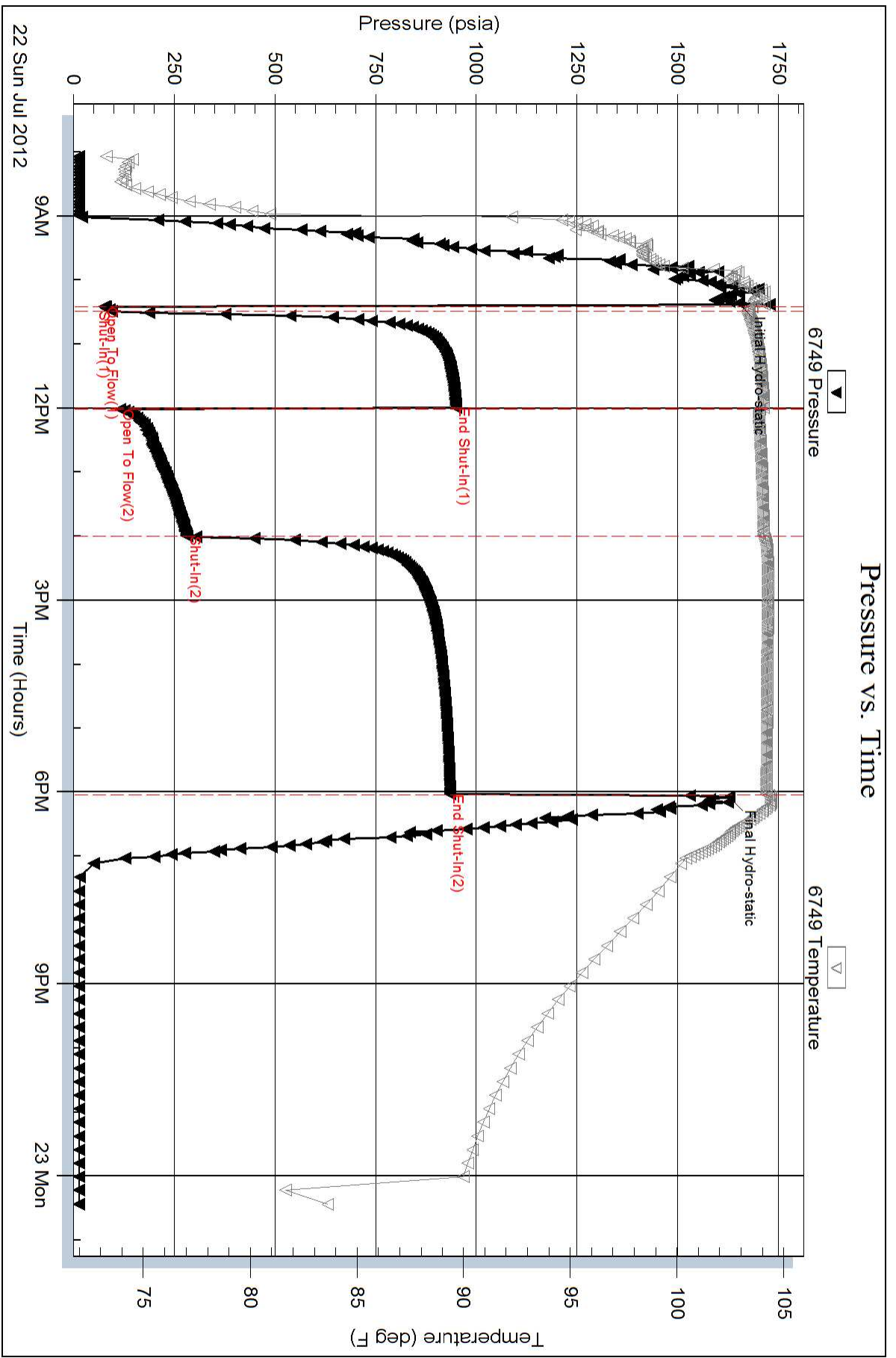
Serial #: 6749

Inside

Falcon Exploration Incorporated

Fredrick Goossen 1-27

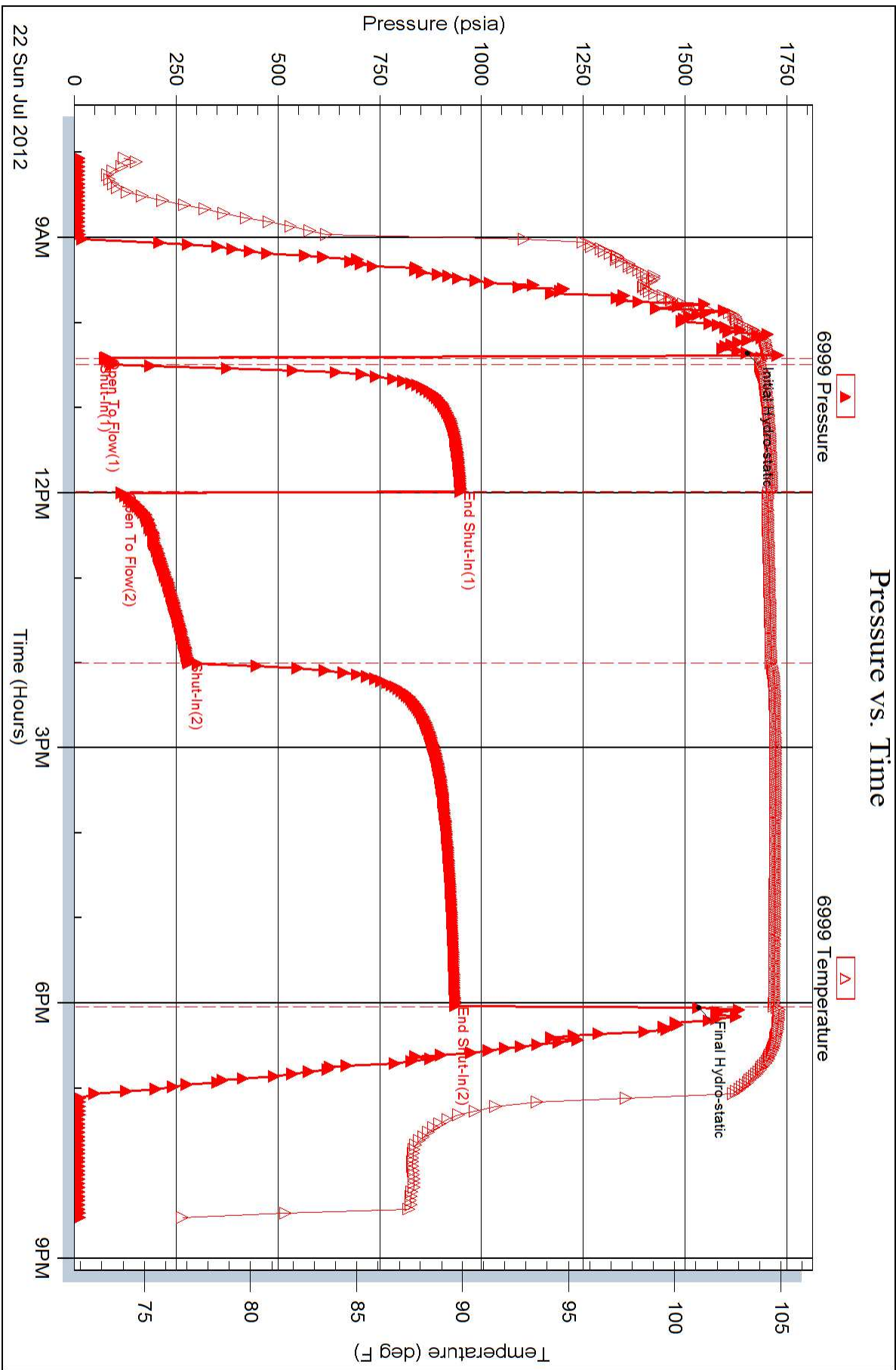
DST Test Number: 1



Superior Testers Enterprises LLC

Ref. No: 17665

Printed: 2012.07.22 @ 21:36:41



Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Mark Sievers, Chairman
Thomas E. Wright, Commissioner
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

November 06, 2012

CYNDE WOLF
Falcon Exploration, Inc.
125 N MARKET STE 1252
WICHITA, KS 67202-1719

Re: ACO1
API 15-069-20380-00-00
FREDRICK GOOSSEN 1-27(NE)
NE/4 Sec.27-28S-30W
Gray County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
CYNDE WOLF

OPERATOR

Company: Falcon Exploration, Inc.
 Address: 125 N. Market
 Suite 1252
 Wichita, KS 67202
 Contact Geologist: Brian Fisher
 Contact Phone Nbr: 316-262-1378
 Well Name: Fredrick Goossen #1-27 (NE)
 Location: Sec. 27 - T28S - R30W
 Pool: API: 15-069-20380-00-00
 State: Kansas Field: Wildcat
 Country: USA

Scale 1:240 Imperial

Well Name: Fredrick Goossen #1-27 (NE)
 Surface Location: Sec. 27 - T28S - R30W
 Bottom Location: API: 15-069-20380-00-00
 License Number: 5316
 Spud Date: 7/17/2012 Time: 07:15
 Region: Gray County
 Drilling Completed: 7/24/2012 Time: 10:05
 Surface Coordinates: 2490' FNL & 2490' FEL
 Bottom Hole Coordinates:
 Ground Elevation: 2757.00ft
 K.B. Elevation: 2770.00ft
 Logged Interval: 2600.00ft To: 4275.00ft
 Total Depth: 4275.00ft
 Formation: Stotler - Lansing
 Drilling Fluid Type: Chemical/Fresh Water Gel

SURFACE CO-ORDINATES

Well Type: Vertical
 Longitude: Latitude:
 N/S Co-ord: 2490' FNL
 E/W Co-ord: 2490' FEL

LOGGED BY

Ted Pfau
Consulting Geologist

Company: Keith Reavis, Inc.
 Address: 3420 22nd Street
 Great Bend, KS 67530
 Phone Nbr: 913-461-3006
 Logged By: Geologist Name: Ted Pfau

CONTRACTOR

Contractor: Sterling Drilling Company
 Rig #: 5
 Rig Type: mud rotary Time: 07:15
 Spud Date: 7/17/2012 Time: 10:05
 TD Date: 7/24/2012
 Rig Release: Time:

ELEVATIONS

K.B. Elevation: 2770.00ft Ground Elevation: 2757.00ft
 K.B. to Ground: 13.00ft

NOTES

A Tooke Daq gas detection system owned by Sterling Drilling Company was employed on this well. ROP and gas data were imported into this geological report.

Due to positive gas kicks and electrical log analysis, it was determined that 5 1/2" production casing be set to 2880' and the Winfield and Fort Riley be further tested through perforations and stimulation.

Samples were saved and will be available for review at the Kansas Geological Survey Well Sample Library located in Wichita, KS.


Respectfully submitted,
 Ted Pfau

Falcon Exploration, Inc.
daily drilling report

DATE	7:00 AM DEPTH	REMARKS
07/20/2012	1970	Geologist Ted Pfau on location @ 1735 hrs, 2561 ft., start logging at 2600' Drilling ahead through Chase, Winfield, Towanda, Fort Riley
07/21/2012	3004	drilling ahead through Fort Riley, Cottonwood, Neva, Red Eagle, Stotler CFS @ 3507' 2350 hrs
07/22/2012	3525	CFS @ 3525' 0130 hrs, gas kicks warrant DST, short trip, CTCH 45min TOH w/bit, TIH with tools, conducting DST #1, 5-90-120-240 TOH w/tool at 1800 hrs, recovered mud and water, TIH
07/23/2012	3661	Resume drilling 0005 hrs, CFS 3588' 0235 hrs, resume drilling Tarkio Drilling through Topeka, Lecompton
07/24/2012	4235	Drilling ahead through Heebner, Douglas, Lansing, TD 4275' @ 1005 hrs short trip, TOH for e-logs, e-logs start 1600 hrs, complete 1950 hrs Geologist released 2215 hrs, off location 2315 hrs

Falcon Exploration, Inc.
well comparison sheet

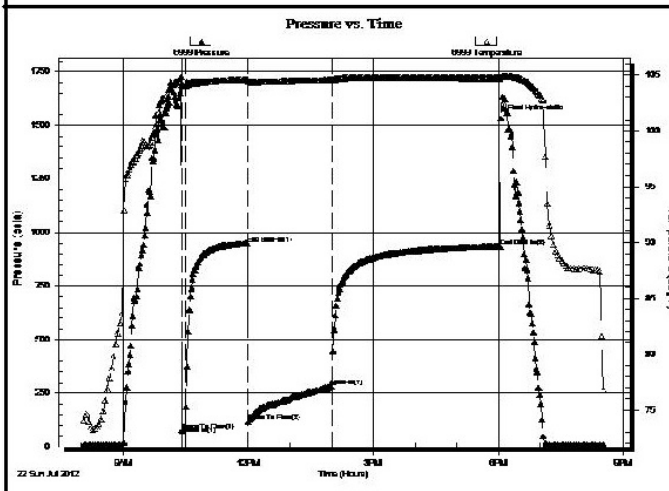
DRILLING WELL					COMPARISON WELL			
Fredrick Gossen #1-27					Falcon - Esau #1-22			
2490' FNL & 2490' FEL					977' FSL & 1875' FEL			
Sec 27 T28S R30W					Sec 22 T28S R30W			
2770 KB					2785 KB		Structural Relationship	
Formation	Sample	Sub-Sea	Log	Sub-Sea	Log	Sub-Sea	Sample	Log
Chase Group	2620	150	2620	150	2638	147	3	3
Winfield	2695	75	2691	79	2708	77	-2	2
Towanda	2745	25	2742	28	2752	33	-8	-5
Fort Riley	2800	-30	2787	-17	2803	-18	-12	1
Cottonwood	3068	-298	3063	-293	3074	-289	-9	-4
Neva	3121	-351	3113	-343	3130	-345	-6	2
Red Eagle	3168	-398	3156	-386	3176	-391	-7	5
Foraker	3235	-465	3230	-460	3241	-456	-9	-4
Stotler	3480	-710	3478	-708	3480	-695	-15	-13
Tarkio	3558	-788	3550	-780	3550	-765	-23	-15
Topeka	3751	-981	3750	-980	3751	-966	-15	-14
Lecompton	3955	-1185	3962	-1192	3946	-1161	-24	-31
Heebner	4097	-1327	4094	-1324	4106	-1321	-6	-3
Douglas Shale	4137	-1367	4139	-1369	4146	-1361	-6	-8
Lansing	4199	-1429	4197	-1427	4216	-1431	2	4
Total Depth	4275	-1505	4272	-1502	4324	-1539	34	37

	DRILL STEM TEST REPORT	
	Falcon Exploration Incorporated 125 North Market Suite 1252 Wichita, Kansas 67202+1719 ATTN: Ted Pfau	27/28S/30W/Gray Fredrick Goossen1-27 Job Ticket: 17665 DST#:1 Test Start: 2012.07.22 @ 08:03:00

GENERAL INFORMATION:
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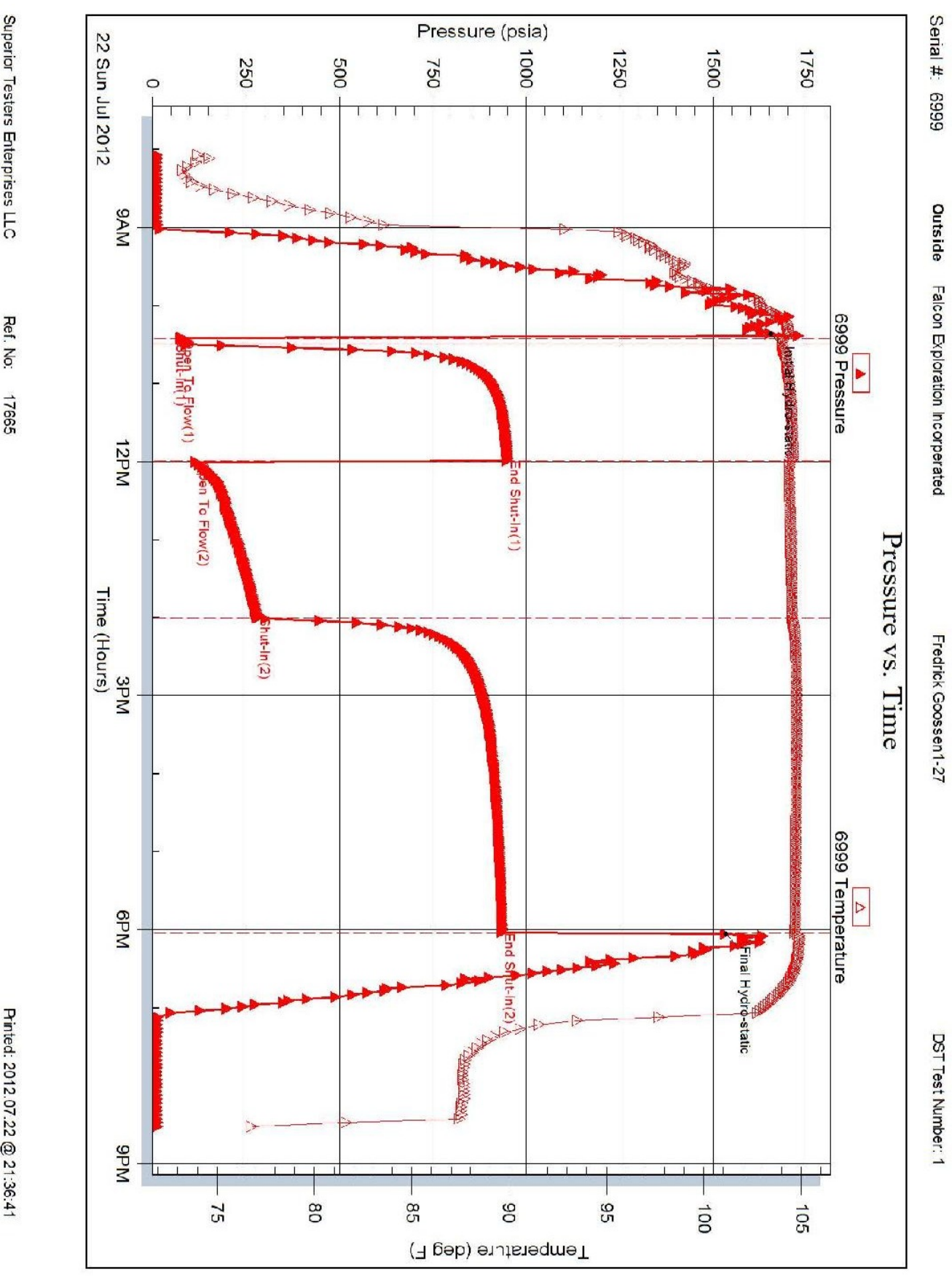
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 1ST Shut In 90 Mintues/Blow back built to 1 inch
 2ND Open 120 Mintues/Strong blow/Blow to bottom of bucket in 2 minutes/Gas to surface in 66 psia
 2ND Shut In 240 Mintues/Blow back built to 10 inches



Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
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98	950.57	104.59	End Shut-In(1)
99	117.90	104.43	Open To Flow (2)
219	281.82	104.54	Shut-In(2)
461	935.54	104.69	End Shut-In(2)
462	1532.89	104.82	Final Hydro-static

Length (ft)	Description	Volume (bbl)
360.00	Slightly gassy Mud Water	2.04
0.00	Gas 5% Mud 20% Water 75%	0.00
90.00	Slightly gassy Mud	1.26
0.00	Gas 2% Mud 98%	0.00
0.00	Recovery Chlorides 95000 ppm	0.00
0.00	Recovery Resist. .18 ohms @ 92 deg.	0.00

	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)
First Gas Rate	0.13	3.00	1.12
Last Gas Rate	0.13	4.46	1.67
Max. Gas Rate	0.13	4.46	1.67



ROCK TYPES

- Dolprim
- Lmst fw<7
- Lmst fw> shale, gry
- Carbon Sh
- shale, red

ACCESSORIES

MINERAL

- ▲ Chert, dark
- × Mineral Crystals
- △ Chert White

FOSSIL

- ∩ Bioclastic or Fragmental
- F Fossils < 20%
- ∅ Oolite
- ∅ Pellets
- ∅ Oomoldic

STRINGER

- ▨ Anhydrite
- ▨ Shale
- ▨ red shale

TEXTURE

- C Chalky

OTHER SYMBOLS

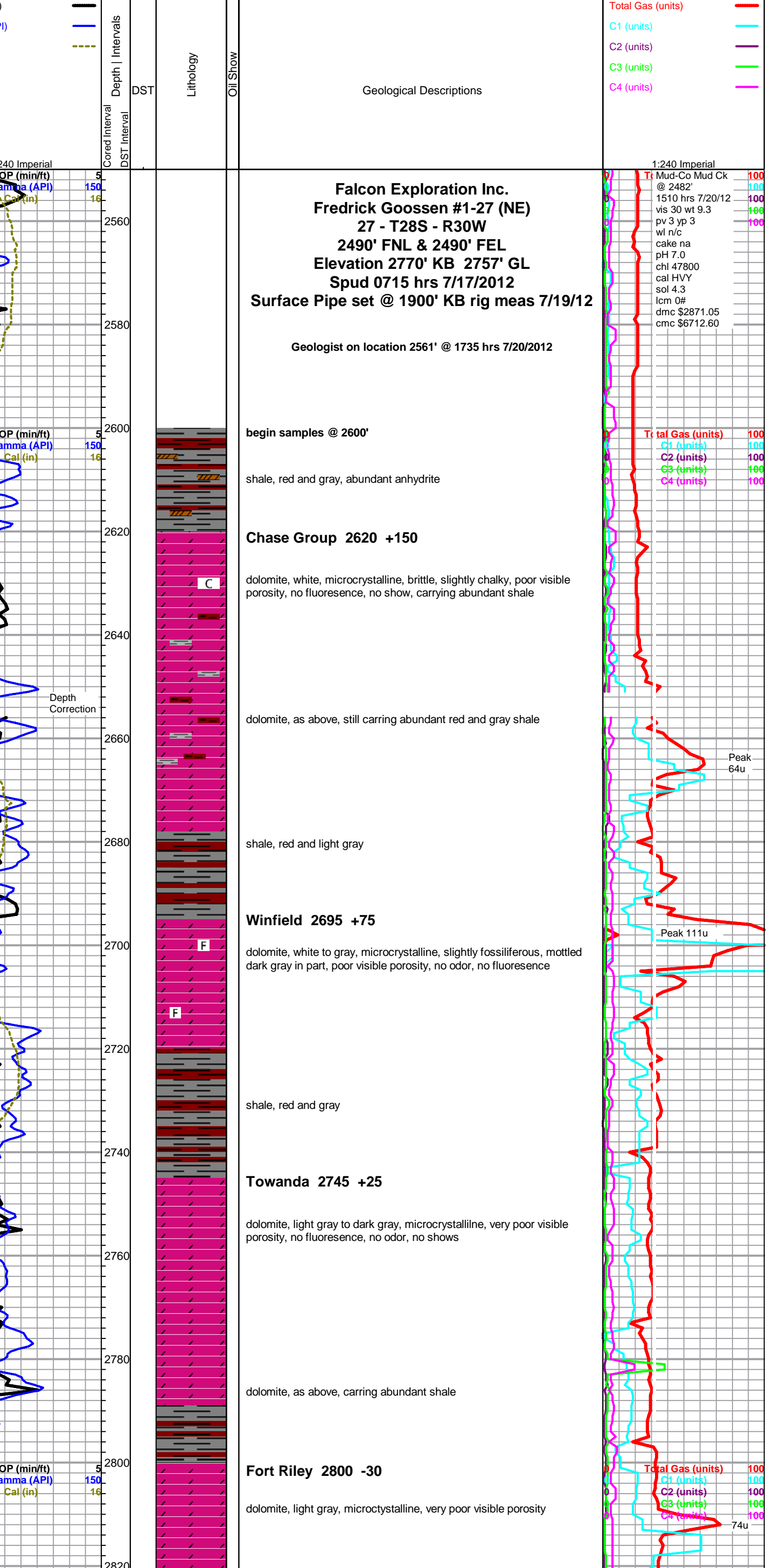
MISC

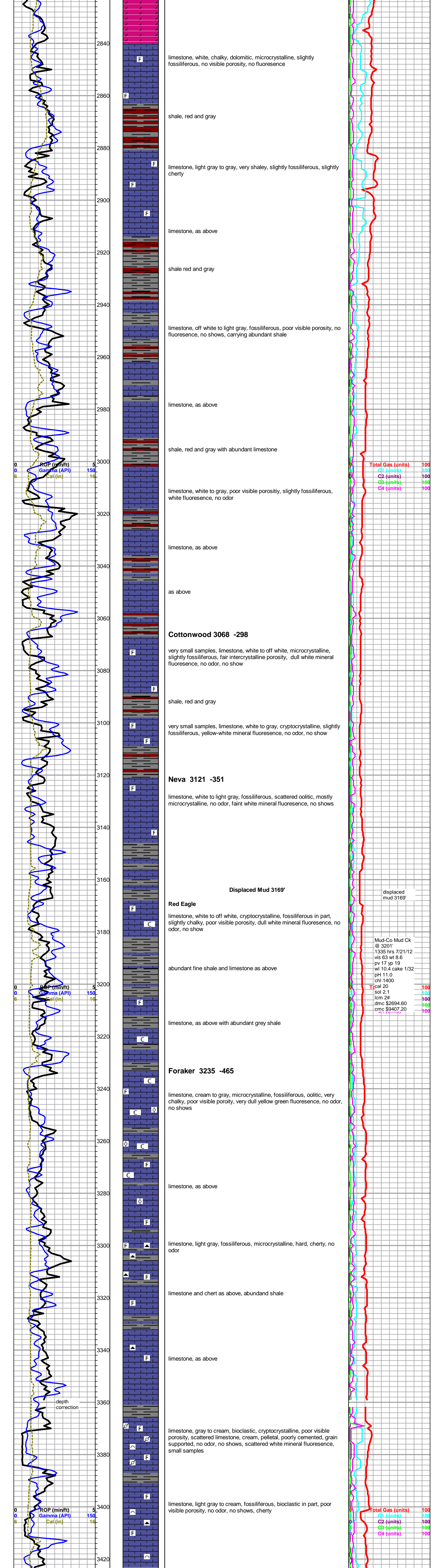
- DR Daily Report
- Digital Photo
- Document
- Folder
- Link
- Vertical Log File
- Horizontal Log File
- Core Log File
- Drill Cuttings Rpt

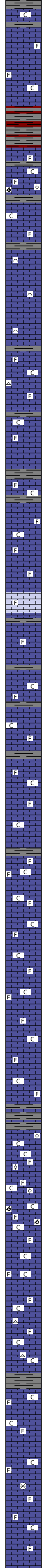
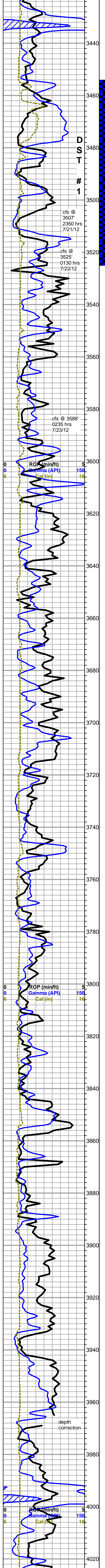
DST

- DST Int
- DST alt
- Core
- tail pipe

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







limestone, as above, very chalky

as above

DST #1 3454-3525 - 5-90-120-240 - recovered 360 ft muddy water, 90 feet mud - GTS 66 min on 2nd open, GA 1.12 Mcf/d @ 70 min to 1.67 Mcf/d @ 120 min, FP's 76-96 & 116-282, SIP's 950-935, HSH 1651-1628, BHT 104 deg. F

FREDRICK GOOSSEN #1-27 DST #1.pdf

shale, red and gray

Stotler 3480 -710

limestone, cream to gray, chalky, slightly fossiliferous, scattered oolitic and oomoldic, poor visible porosity, some good oomoldic porosity, no odor, faint yellow fluorescence, no shows

limestone, cream, fossiliferous, very chalky, poor to fair intercrystalline porosity, dull greenish yellow fluorescence, very faint odor, no shows

Short trip to 1900', strap survey 1.6' short to board, DST recovery chlorides 95,000 ppm

limestone, cream to gray, cryptocrystalline, bioclastic in part, very poor visible porosity, very faint odor, no fluorescence, no shows

Tarkio 3558 -788

limestone, off white to cream, fossiliferous, microcrystalline, chalky, scattered chert, poor visible porosity, no fluorescence, no shows

limestone, gray, fossiliferous, microcrystalline, chalky, no visible porosity, no fluorescence

limestone, gray, bioclastic, chalky, poor visible porosity, no fluorescence, no shows

limestone, cream, cryptocrystalline, fossiliferous, chalky, scattered poor pinpoint porosity, no fluorescence, no shows

limestone, light gray, fossiliferous, oolitic in part, poor visible porosity, no odor, no fluorescence, no shows

limestone, light gray to dark gray, fossiliferous, microcrystalline, poor visible porosity, no odor

limestone, cream to light gray, fossiliferous, microcrystalline, chalky, dense, no fluorescence, no shows

limestone, as above

Topeka 3751 -981

limestone, cream to light tan to light gray, very chalky, fossiliferous, hard, no fluorescence, no odor, no shows

limestone, as above, very chalky

limestone, as above, no fluorescence, no odor, no shows

limestone, as above

limestone, gray to cream, fossiliferous to bioclastic, oolitic in part, very chalky, poor visible porosity, no odor, no shows

limestone, cream, oomoldic, poor to fair oomoldic porosity, very chalky, no odor, no shows

limestone, cream to light gray, cryptocrystalline, chalky, fossiliferous, no odor, no fluorescence, no shows

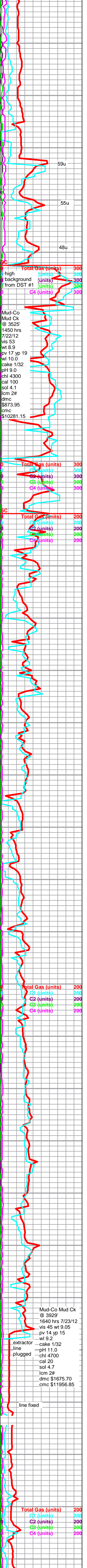
limestone, cream to light gray, cryptocrystalline, fossiliferous, chalky, slightly cherty, dull mineral fluorescence, no odor, no shows

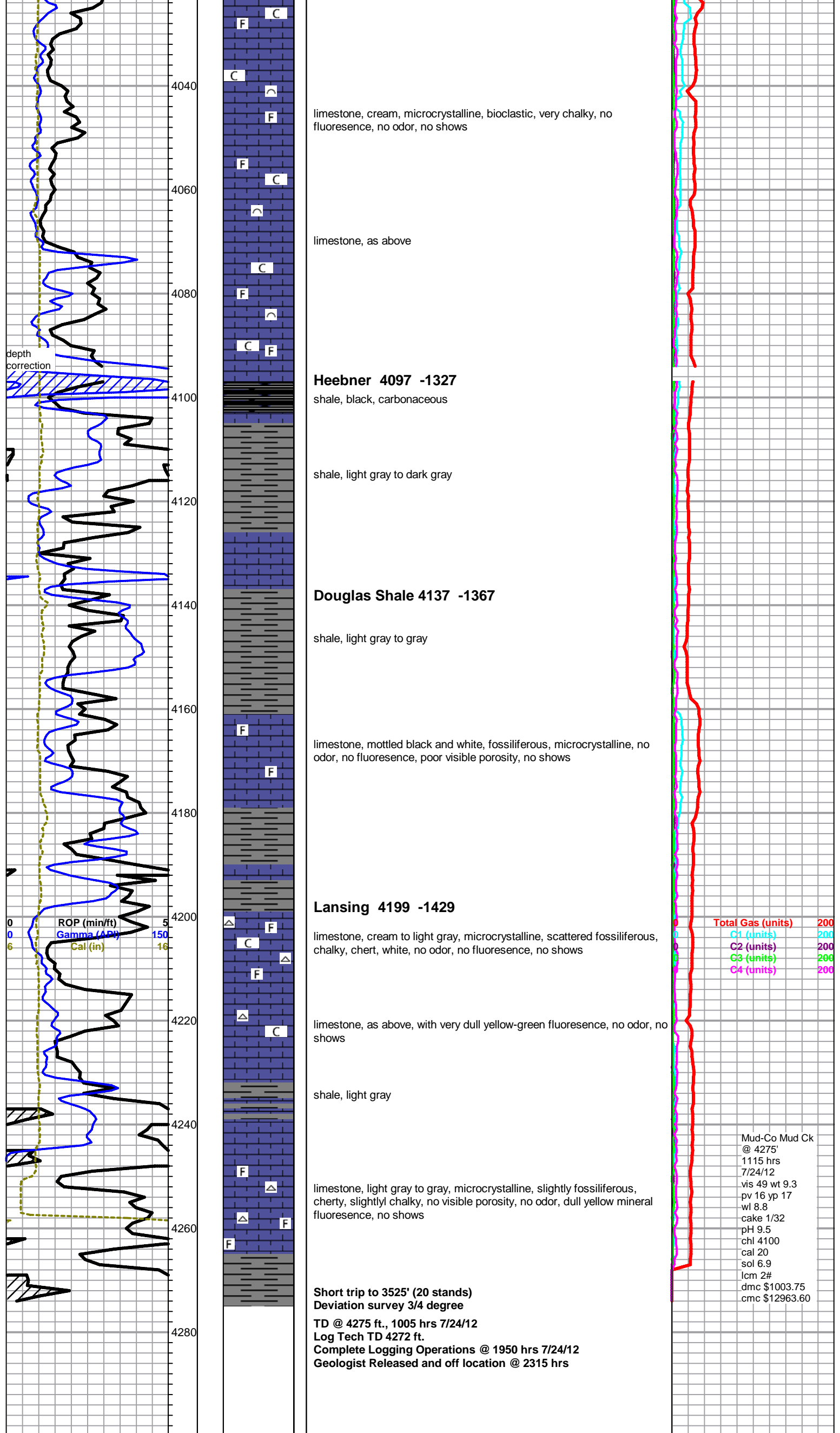
Lecompton 3955 -1185

limestone, light gray to gray, cryptocrystalline to microcrystalline, fossiliferous, no odor, no fluorescence, no shows

limestone, cream to light gray, cryptocrystalline to microcrystalline, slightly fossiliferous, very chalky, scattered secondary recrystallization, poor visible porosity, no odor, no fluorescence, no shows

limestone, as above





Cement Report

Customer <i>Falcon Exploration</i>	Lease No.	Date <i>7-25-12</i>
Lease <i>Fredrick Gossen</i>	Well # <i>1-27</i>	Service Receipt <i>03880</i>
Casing <i>5 1/2</i>	Depth <i>2928</i>	County <i>Gray</i>
Job Type <i>242 log sty</i>	Formation	State <i>KS</i>
		Legal Description <i>27-28-30</i>

Pipe Data		Perforating Data		Cement Data
Casing size <i>5 1/2</i>	Tubing Size	Shots/Ft		Lead
Depth <i>2928</i>	Depth	From	To	
Volume <i>686 1/2</i>	Volume	From	To	Tail in 100SIL AAR <i>1.514251L</i>
Max Press <i>1800</i>	Max Press	From	To	
Well Connection <i>5 1/2</i>	Annulus Vol.	From	To	
Plug Depth <i>2893</i>	Packer Depth	From	To	<i>6.46651L 14.8#</i>

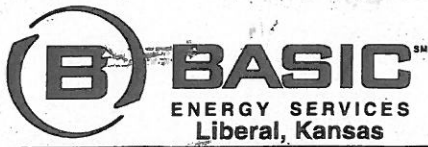
Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>430</i>					<i>Arrive On location</i>
<i>530</i>					<i>Swabby Muddy - Mix Up</i>
<i>830</i>					<i>Big Pump Casing</i>
<i>1050</i>					<i>Circulate 1/2 Day</i>
<i>1100</i>					<i>Hook Up To BES</i>
<i>1135</i>	<i>2000</i>		<i>1.0</i>	<i>1.0</i>	<i>Pressure Test</i>
<i>1140</i>	<i>250</i>		<i>5</i>	<i>4.0</i>	<i>Pump Water Spacer</i>
<i>1145</i>	<i>225</i>		<i>12</i>	<i>4.0</i>	<i>Pump Super Flush</i>
<i>1150</i>	<i>200</i>		<i>5</i>	<i>4.0</i>	<i>Pump Water Spacer</i>
<i>1155</i>	<i>100</i>		<i>27</i>	<i>5.0</i>	<i>Pump cement @ 14.8#</i>
<i>1205</i>					<i>Wash Up - Drop Plug</i>
<i>1210</i>	<i>200</i>		<i>58</i>	<i>7</i>	<i>Displace</i>
<i>1225</i>	<i>400</i>		<i>10</i>	<i>2.5</i>	<i>Slow Downy Displace</i>
<i>1230</i>	<i>1000</i>		<i>1</i>	<i>1</i>	<i>Land Plug - Float Hold</i>
					<i>Plug Seat - Mousse M66</i>
					<i>Shoe Packer Opened @ 500/51</i>
					<i>Thanks For Very Basic Energy Services</i>

Service Units	<i>19620</i>	<i>27462</i>	<i>14355-14284</i>		
Driver Names	<i>J. Chava</i>	<i>Susan O</i>	<i>Carlos</i>		

Leon
Customer Representative

Samy Britt
Station Manager

Samuel Chavez
Cementer



Cement Report

Customer: Falcon Exploration	Lease No.:	Date: 8/2/12
Lease: [unclear]	Well #: 1-24	Service Receipt:
Casing: [unclear]	Depth: 2730	County: Gray State: KS
Job Type: [unclear]	Formation:	Legal Description: 27-28-30

Pipe Data		Perforating Data		Cement Data
Casing size: 5 1/2	Tubing Size: 2 3/8	Shots/Ft		Lead: [unclear]
Depth: 2674	Depth: 2595	From: 2624	To: 2680	Tail in
Volume: 1.30	Volume: 10.04	From: 2720	To: 2730	
Max Press:	Max Press:	From:	To:	
Well Connection: [unclear]	Annulus Vol.:	From:	To:	
Plug Depth:	Packer Depth:	From:	To:	

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
08:00					
10:25	300				7 min. [unclear]
10:47	300		1		LA DS
10:50	300	350	1.5	5	10 min. [unclear]
11:09	300	400	1.5	1.5	Start mixing call off
11:41	300	X	19	0	Finished 11:41
11:46					Washup
11:52	300	0	0	no	4 D/S
11:54	300	400	0.5	5	Start down 7/11
11:46	300	300	10		Flow 1/2 1/4
12:19	300	480	10		Blow by
2:59	300	450	10.75		Blow by
13:59	300	450	10.75		Blow by
14:07		450			Pressure per holding
14:11	140		20	7	REV OUT Roll 3, 13
14:30	0	500			REV OUT Roll 11
					Job Complete

Service Units	194500	372233772	1439419670
Driver Names	H. [unclear]	R. [unclear]	S. [unclear]

Loren [unclear]
Dennis Barnett
Chuck [unclear]



BASIC
ENERGY SERVICES
Liberal, Kansas

Cement Report

Customer	Falcon Exploration	Lease No.		Date	8-27-12
Lease	Wichita Green	Well #	177	Service Receipt	
Casing	5 1/2"	Depth	2660	County	Gray
Job Type	247	Formation		State	OK
				Legal Description	Sec 27-28-20ccm

Pipe Data		Perforating Data		Cement Data
Casing size	5 1/2"	Tubing Size	2 3/8"	Lead
Depth	2660	Depth	2560	1005K yds H-16.4 1.06
Volume		Volume		
Max Press		Max Press		Tail in
Well Connection		Annulus Vol.		
Plug Depth		Packer Depth	2560	

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
7:45					On location
7:50					Safety Meeting
8:00					Rig up
9:50	10		0	1.2	Load up Back Side
9:58	500		9	1.0	Casing loaded
10:09		7500	1		Prime up Pressure Tank
10:12		700	8	7.0	Getting Circulation Rate
10:15		0			Shut Down
10:30		750	11	7.0	Start Cementing
10:47		700	13	7.0	Shut down Westrup Truck
10:46		700	10	7.0	Start Displacement
10:54		700			Shut Down
11:09		600			Pressure monitoring
11:50		600	2		Shut Down
12:41		600	15		Start Pumping
12:41		600			Shut Down
12:44					Relieved Back Valve
12:56			15		Leaving site
1:04					Shut Down
1:25		506			Pressure monitoring

Service Units	77647	14354	49578	34878	
Driver Names	F.D.D.C.	Juan		L.S.V.	

Chuck Customer Representative
 Jerry Brantley Station Manager
 Austin Tate Cementer

Cement Report

Customer <i>Falcon Exploration</i>	Lease No.	Date <i>9-12-12</i>
Lease <i>Frederick Basin</i>	Well # <i>1-27</i>	Service Receipt
Casing	Depth	County <i>Gray</i>
Job Type <i>PTA</i>	Formation	State <i>KS</i>
		Legal Description <i>27-28-30</i>

Pipe Data		Perforating Data		Cement Data
Casing size <i>5 1/2 15.5</i>	Tubing Size	Shots/Ft		Lead <i>160 sk 60/40</i> <i>49% Total Gel</i>
Depth <i>1930ft</i>	Depth	From <i>1930ft</i>	To <i>50sk</i>	
Volume	Volume	From <i>900ft</i>	To <i>50sk</i>	Tail in
Max Press	Max Press	From <i>500ft</i>	To <i>40sk</i>	
Well Connection	Annulus Vol.	From <i>40ft</i>	To <i>20sk</i>	
Plug Depth	Packer Depth	From	To	

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
0930					On Location - Spot & Rig up
1230		600	80	3	Circulate well with fresh water
1300					Shut Down - Wait on water
1530		200	80	3	Circulate well with fresh water
1600					Pull casing to 1930ft
1656		100	25	3	Pump 25 BBL Gell water
1728		100	18	4	Mix 50sk 60/40 @ 13.5
1713		0	40	4	Pump 40 BBL Fresh water
1716					Pull casing to 900ft
1831		50	5	3	Pump 5 BBL Fresh water
1834		50	13	3	Mix 50sk 60/40 @ 13.5 PPG
1841		0	15	4	Pump 15 BBL Fresh water
1848					Shut Down - Pull to 570ft
1909		0	5	3	Pump 5 BBL Fresh water
1912		0	10	3	Mix 40sk 60/40 @ 13.5 PPG
1916		0	7	4	Pump 7 BBL Fresh water
1918					Shut Down - Pull to 40ft
1956		0	5	3	Pump 5 BBL Fresh water
1958		0	5	3	Mix 20sk 60/40 @ 13.5
2000					Shut Down
Service Units	<i>21755</i>	<i>10276/10019</i>	<i>BASIC/1935</i>		
Driver Names	<i>Kirby</i>	<i>Ed</i>	<i>Tulon</i>		

Customer Representative: _____ Station Manager: Jerry Bennett Cementer: Kirby Harper