

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1333184
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: _____

1333184

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:
 Flowing Pumping Gas Lift Other *(Explain)* _____

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> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Concorde Resources Corporation
Well Name	MCDANIEL 5-12
Doc ID	1333184

All Electric Logs Run

Computer Processed Interpretation
Dual Comp Porosity
Microresistivity
Dual Induction

Form	ACO1 - Well Completion
Operator	Concorde Resources Corporation
Well Name	MCDANIEL 5-12
Doc ID	1333184

Tops

Name	Top	Datum
Anhydrite	2234	+626
Base Anhydrite	2254	+606
Heebner	3724	-864
Taranto	3741	-881
Lansing	3769	-909
Base Kansas City	4107	-1247
Marmaton	4146	-1286
Altamont	4166	-1306
Pawnee	4239	-1379
Ft. Scott	4295	-1435
Cherokee Shale	4322	-1462
Mississippian	4472	-1612
LTD	4558	-1698

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 1771

Date	Sec.	Twp.	Range	County	State	On Location	Finish
9-10-16	12	15	34	Logan	KS		9:45 p.m.

Location Dakota 5601260 2560 1120

Lease <u>McDaniel</u>	Well No. <u>5-12</u>	Owner
Contractor <u>Southwind #1</u>		To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.
Type Job <u>Surface</u>		Charge To <u>Concorde Resources</u>
Hole Size <u>12 1/4</u>	T.D. <u>310</u>	Street
Csg. <u>8 5/8 23#</u>	Depth <u>310</u>	City
Tbg. Size	Depth	State
Tool	Depth	The above was done to satisfaction and supervision of owner agent or contractor.
Cement Left in Csg. <u>20'</u>	Shoe Joint	Cement Amount Ordered <u>200 3/4 2-1-16L</u>
Meas Line	Displace <u>18 1/2</u>	

EQUIPMENT

Pumptrk <u>20</u>	No.	Cementer <u>Craig</u>	Common <u>160</u>
		Helper	Poz. Mix <u>40</u>
Bulktrk	No.	Driver <u>Nick</u>	Gel. <u>4</u>
Bulktrk <u>14</u>	No.	Driver <u>Doug</u>	Calcium <u>7</u>

JOB SERVICES & REMARKS

Remarks:	Hulls
Rat Hole	Salt
Mouse Hole	Flowseal
Centralizers	Kol-Seal
Baskets	Mud CLR 48
D/V or Port Collar	CFL-117 or CD110 CAF 38
<u>3 5/8 on bottom. Best Circulation.</u>	Sand
<u>Mix 200SK @ 14.8% 4 Displace</u>	Handling <u>211</u>
	Mileage

FLOAT EQUIPMENT

<u>Cement Circulated.</u>	Guide Shoe
	Centralizer
	Baskets
	AFU Inserts
	Float Shoe
	Latch Down

Pumptrk Charge Surface
Mileage 30

X Signature <u>[Signature]</u>	Tax
	Discount
	Total Charge

PIPE



TALLY

DATE 9-9 20 16

PAGE _____ OF _____

CUSTOMER Concord LEASE & WELL NO. McDaniel 1-5

USED NEW COND LS SIZE 8 5/8 WT 23# GRD EXW THD STC R- 3

MFG _____ ORDER BY Southernwind SHIP VIA Cable Lease

#	FT.	IN.	#	FT.	IN.	#	FT.	IN.	#	FT.	IN.	#	FT.	IN.	#	FT.	IN.			
1	42	50	26		4	51			76			101			126			151		
2		50	27			52			77			102			127			152		
3		55	28			53			78			103			128			153		
4		50	29			54			79			104			129			154		
5		55	30			55			80			105			130			155		
6		55	31			56			81			106			131			156		
7		50	32			57			82			107			132			157		
8			33			58			83			108			133			158		
9			34			59			84			109			134			159		
10			35			60			85			110			135			160		
11			36			61			86			111			136			161		
12			37			62			87			112			137			162		
13			38			63			88			113			138			163		
14			39			64			89			114			139			164		
15			40			65			90			115			140			165		
16			41			66			91			116			141			166		
17			42			67			92			117			142			167		
18			43			68			93			118			143			168		
19			44			69			94			119			144			169		
20			45			70			95			120			145			170		
21			46			71			96			121			146			171		
22			47			72			97			122			147			172		
23			48			73			98			123			148			173		
24			49			74			99			124			149			174		
25			50			75			100			125			150			175		
T	297	65	T			T			T			T			T			T		

TALLIED BY AH TOTAL JTS 7 TOTAL FOOTAGE 297 65

SPECIAL INSTRUCTIONS _____

ORIGINAL TO REMAIN IN BOOK - DUPLICATE TO BE ATTACHED TO CUSTOMER'S INVOICE - TRIPLICATE TO BE GIVEN TO CUSTOMER'S REPRESENTATIVE AT TIME OF DELIVERY.

MORNING DRILLING REPORT

SOUTHWIND DRILLING, INC.

For: Concorde Resources Corp.

RIG No. 1

Well Name: McDaniel #5-12
 Location: 1772' FNL & 2297' FWL
 Section: 12-15S-34W
 County: Logan
 API: 15-109-21443-00-00

GL Elevation: 2850'
 KB: 2860'
 Est. TD: 4700'
 Conductor String: N/A

Rig No. 1 (Pusher Doug Roberts) 620-617-6023
 Rig No. 1 (Doghouse) 620-617-3167
 Southwind Drilling Office 620 564-3800



Surface Casing: Ran 7 joints of new 23#, 8 5/8" casing, Tally @ 295.13', Set @ 308', used 200 sacks of Class A, 2% gel, 3% cc, cement circulated, by Quality (Ticket #1771), plug down @ 9:45 pm on 09.10.16.

Plugging Info: Plugged well with 255 sacks of 60/40 Poz, 4% gel, 1/4# Flo-seal; 1st plug @ 2244' w/ 50 sacks, 2nd plug @ 1050' w/ 100 sacks, 3rd plug @ 360' w/ 50 sacks, 4th plug @ 40' w/ 10 sacks and wiper plug, 30 sacks for Rat hole, 15 sacks for Mouse hole, cemented by Quality (Ticket #3009), job complete @ 1:45 am on 09.20.16.

Rotary Total Depth: 4560'
 Log Total Depth: 4558'

Geologist: Richard Bell

7:00 A.M. Depth: 4560' 7:00 A.M. Current Operation: TEAR DOWN

Spud Date & Time:	09/10/16	09/11/16	09/12/16	09/13/16	09/14/16	09/15/16	09/16/16	09/17/16	09/18/16	09/19/16	09/20/16	Total
09/10/2016 @ 1:30 PM	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	
Total Depth (7:00am)	0	310	1521	2322	3103	3666	4015	4190	4320	4535	4560	
Daily Progress	310	1211	801	781	563	349	175	130	215	25	0	4560
Ft. Per Hr.	112.73	69.20	49.29	39.05	30.85	20.84	17.95	12.09	13.87	11.11	0.00	35.14
Current Operation (7:00am)	Rig Up	TIWC	Drilling	Drilling	Drilling	Drilling	Drilling	TIWB	DST #2	Drilling	Tear Down	
Formation	Surface	Shale	Lime / Shale	Lime / Shale	Lime / Shale	Topeka	Lansing	Kansas City	Fort Scott	Lime / Shale		
Fuel Used (39.6 Gal/Inch)	316.80	237.60	316.80	435.60	396.00	316.80	316.80	316.80	396.00	79.20		3128.40
Survey (degree & depth)	3/4" @ 310'						Misrun @ 4190'	1 1/2" @ 4320'		3/4" @ 4560'		

Mud Cost	\$0.00	\$0.00	\$3,893.58	\$2,744.18	\$2,059.64	\$1,241.06	\$684.06	\$574.74	\$0.00	\$548.30		\$11,745.56
Weight (# / Gal)			9.5	9.7	9.1	9.2			9.5	9.5		
Vis (Funnel)			31	31		50			56	58		
Water Loss (cc)										8.8		

Bit #1												
Bit Make / Type	JZ ReTip RR											
Bit Size	12 1/4											
Bit Hours	2.75											2.75

Bit #2												
Bit Make / Type		JZ HA20Q	JZ HA20Q	JZ HA20Q	JZ HA20Q	JZ HA20Q	JZ HA20Q	JZ HA20Q	JZ HA20Q	JZ HA20Q	JZ HA20Q	
Bit Size		7 7/8	7 7/8	7 7/8	7 7/8	7 7/8	7 7/8	7 7/8	7 7/8	7 7/8	7 7/8	
Bit Hours		17.50	16.25	20.00	18.25	16.75	9.75	10.75	15.50	2.25		127.00
Bit Cumulative Hours	2.75	17.50	16.25	20.00	18.25	16.75	9.75	10.75	15.50	2.25	0.00	129.75
Weight on Bit (WOB)	18,000	18,000	25,000	35,000	38,000	35,000	35,000	35,000	35,000	35,000		
RPM	1250	1250	80	70	70	70	70	70	80	70		
Pump Pressure	450	450	750	750	750	850	800	850	800	800		
Drilling (Rotating) Hours	2.75	17.50	16.25	20.00	18.25	16.75	9.75	10.75	15.50	2.25	0.00	129.75

Daywork Hrs. (Operator's time)												
Rat Hole (>.75 Hrs)	0.25											0.25
Wait on Cement												0.00
Trip						2.50	6.00	4.75	3.00	5.25		21.50
Circulate						2.50	3.00	4.25	2.50	2.00		14.25
Tool							1.00	0.50	0.50			2.00
Testing							3.25	2.50	0.50			6.25
Wait on tester												0.00
Clean Floor after DST												0.00
Logging										3.00		3.00
Wait on Orders												0.00
LDDP / LDDC / Plug well										5.25		5.25
Run Casing / Circ / Cement	2.25											2.25
Jet Cellar										0.50		0.50
Survey (Operator Request)												0.00
Nipple Down										0.50		0.50
Billable Hours	2.50	0.00	0.00	0.00	0.00	5.00	13.25	12.00	6.50	16.50	0.00	55.75

Non-Billable Hours (Southwind's time)												
Rig Up / Tear Down	5.50									4.25		9.75
Wait on Cement (NB)	8.00											8.00
Drill Rat Hole (<.75 hrs)	0.75											0.75
Drill Plug		0.25										0.25
Circulate / Trip (Surface)	1.00											1.00
Rig Repair		0.50	3.00	0.50	1.50	0.75						6.25
Connections	2.00	3.00	2.00	2.00	1.50	1.00	0.25	0.50	1.25			13.50
Jet/Displace		0.75	0.75	1.00	2.00		0.25		0.25			5.00
Surveys	0.25						0.25	0.25		0.25		1.00
Rig Check		0.75	0.50	0.50	0.75	0.50	0.25	0.50	0.50	0.25		4.50
Surface time (NB)	1.25	0.25										1.50
Trip Time for repairs			1.50									1.50
Trip Time (plugged bit)												0.00
Lost Circulation (< 2 hrs)		1.00										1.00
Lay Down Kelly / MH & RH										0.50		0.50
Non-Billable Hrs.	18.75	6.50	7.75	4.00	5.75	2.25	1.00	1.25	2.00	5.25	0.00	54.50

Footage Cost	\$ 3,410.00	\$ 13,321.00	\$ 8,811.00	\$ 8,591.00	\$ 6,193.00	\$ 3,839.00	\$ 1,925.00	\$ 1,430.00	\$ 2,365.00	\$ 165.00	\$ -	\$ 50,050.00
Daywork Cost	\$ 837.50	\$ -	\$ -	\$ -	\$ -	\$ 1,675.00	\$ 4,438.75	\$ 4,020.00	\$ 2,177.50	\$ 5,527.50	\$ -	\$ 18,676.25
Combined Est. Cost*	\$ 4,247.50	\$ 13,321.00	\$ 8,811.00	\$ 8,591.00	\$ 6,193.00	\$ 5,514.00	\$ 6,363.75	\$ 5,450.00	\$ 4,542.50	\$ 5,692.50	\$ -	\$ 68,726.25

*Please note that this is estimated footage & daywork cost only. Additional charges will apply on invoice (fuel surcharge, water transfer pump, etc)

DST #1 Info -	DST #2 Info -
Footage Interval: 4069' - 4190' LKC "L" & Altamont "A"	Footage Interval: 4274' - 4320' "Myrick / Fort Scott"
Recovery: 30' Mud with Oil Spots	Recovery: 2' Mud

Anhydrite @ 2235' - 2254'

Lost Circulation @ 1450'

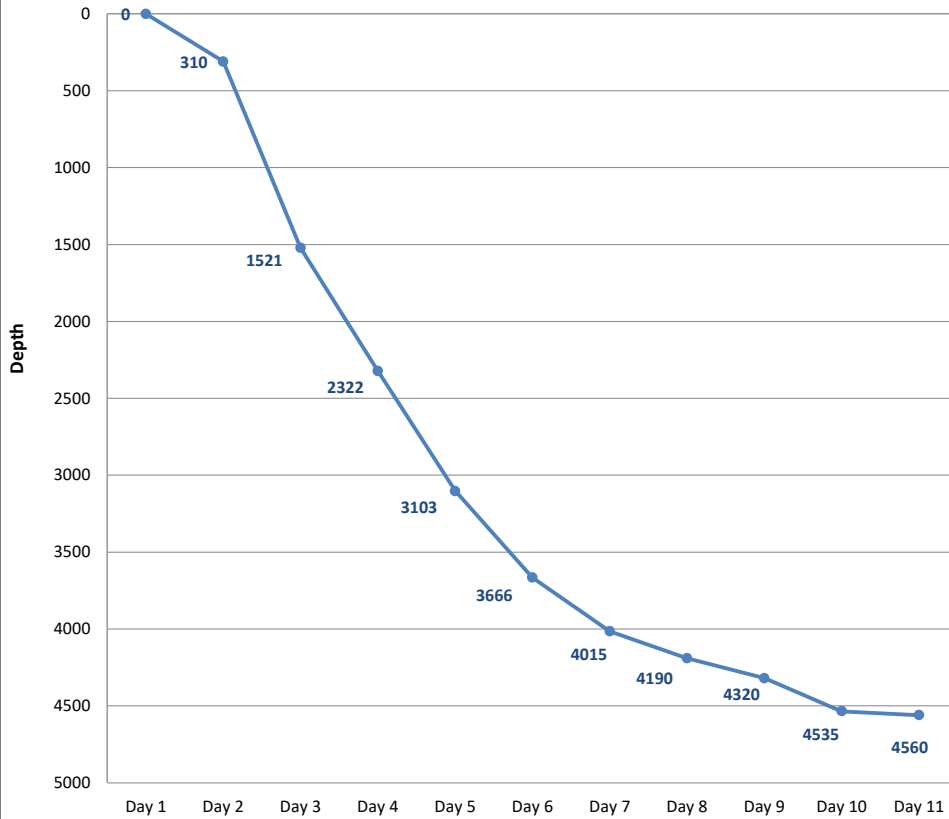
Displaced @ 3420' - 3445'



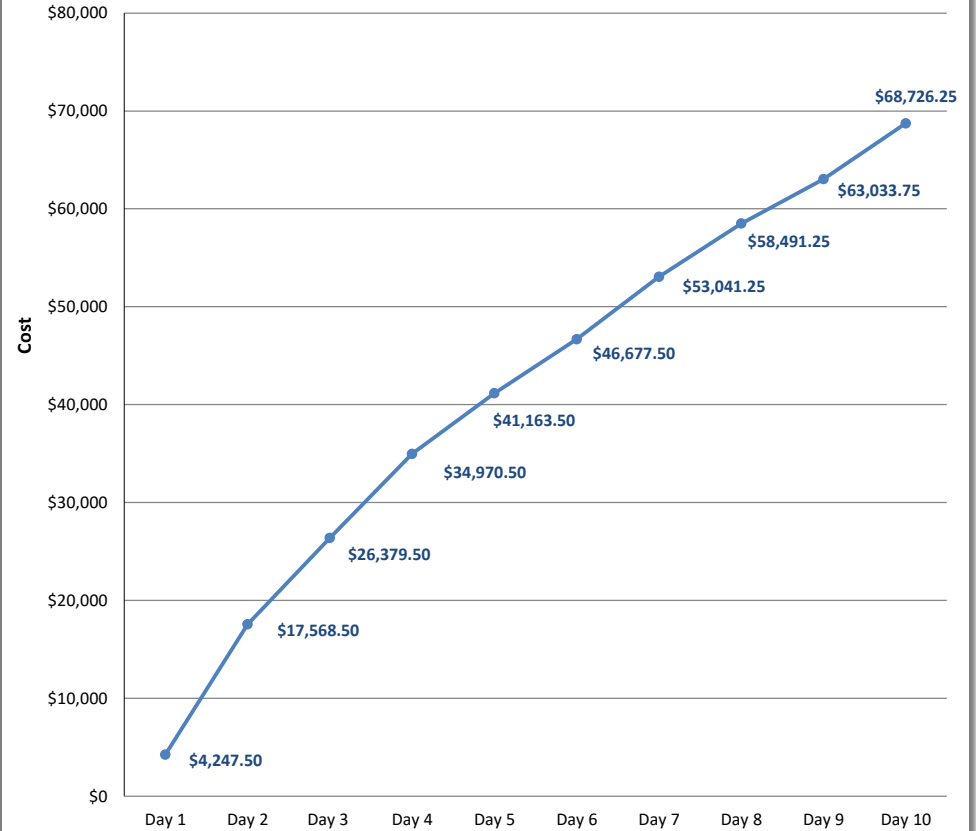
Job Summary Graphical Report

Southwind Rig No. 1
McDaniel #5-12

Days vs Depth



Days vs Cost



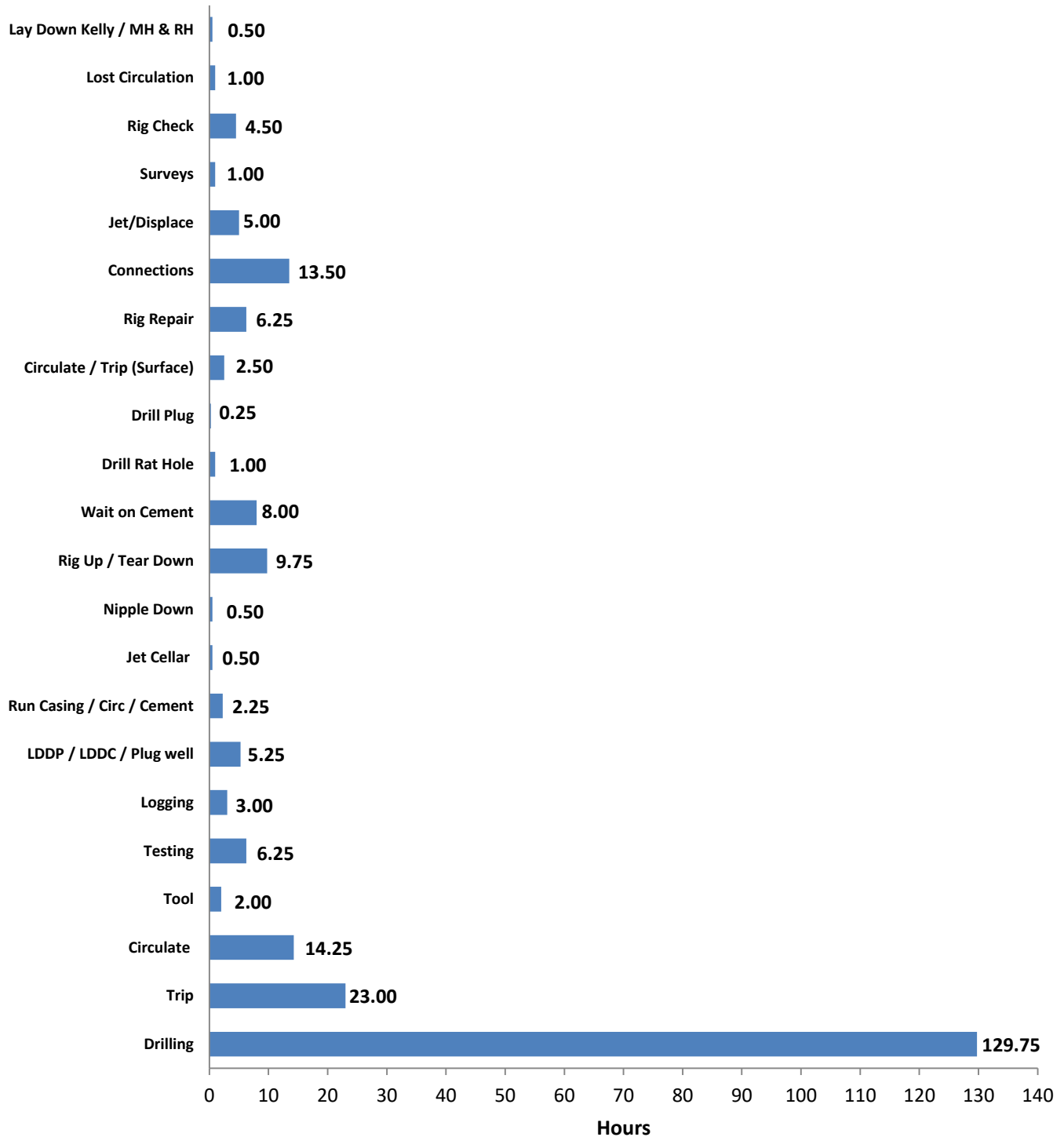


Job Summary Graphical Report

Southwind Rig No. 1

McDaniel #5-12

Hours per Operation



Billable Hours:	55.75
Non-Billable Hours:	54.50
Drilling Hours:	129.75
Total Hours on Well:	240.00

AP # 15-109-21443-00-00

GEOLOGICAL REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY **Conoco Resources Corp**

LEASE **McDaniel # 5-12**

FIELD **Wilbuck**

LOCATION **1722 F.N. + 2297' F.W.L.**

SEC **12** TWP **15 S** RGE **34 W**

COUNTY **Logan** STATE **Kansas**

CONTRACTOR **Southwind Drilling Rig #1**

SPUD **9-10-16** COMP **9-19-16**

SAMPLES SAVED FROM **3500'** TO **R.T.D.**

FORMATION TOPS AND STRUCTURAL POSITION

FORMATION **Base Anhydrite** **Heebner Sh** **Lansing** **Base Kansas City** **Altamont** **Fairview** **Charcoal Sh** **Mississippi** **Marrow Sh** **R.T.D.**

DEPTH **2234** **2254** **3724** **3741** **4110** **4189** **4292** **4325** **4475** **4560**

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DEPTH **2234** **2254** **3724** **3741** **4110** **4189** **4292** **4325** **4475** **4560**

KB **2860'**

ELEVATION

DF **2850'**

Cl. **2850'**

Depth Measured From **Log 48' Drilling 48'**

LOG CASING **2288'**

Production **Electric Loss**

Production **Electric Loss**

Production **Electric Loss**

Production **Electric Loss**

Production **Electric Loss**

Production **Electric Loss**

Production **Electric Loss**

Production **Electric Loss**

Production **Electric Loss**

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Production **Electric Loss**

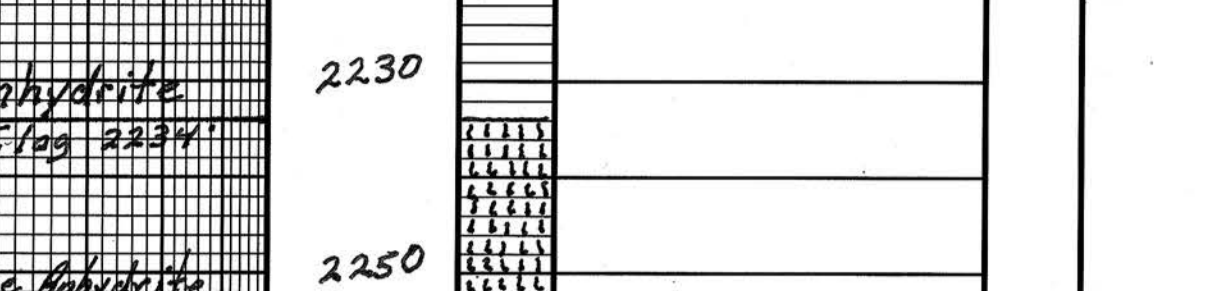
REMARKS

This well ran 3 to 4 feet lower on the Lansing top and 5 feet lower on the Altamont top than the nearby reference wells. After review of D.S.T. and open hole log data it was decided the well should be plugged and abandoned.

Richard B. Bell

9-20-16

LEGEND



DEPTH	LITHOLOGY	SAMPLE DESCRIPTIONS	OIL SHOWS	REMARKS
2230	Anhydrite	E-log 2234		
2250	Base Anhydrite	E-log 2284		
3450	can			
3500	can			samples are lagged good samples
3500	Topoka	E-log 3511		
3600	can			
3600	Lansing	E-log 3724		
3700	can			
3700	Heebner Sh	E-log 3724		
3800	can			
3800	Lansing	E-log 3724		
3900	can			
3900	Munroe Creek Sh	E-log 3920		30 stand short trip @ 3950'
4000	can			
4000	Stark Shale	E-log 4028		
4100	can			
4100	Hushouse Key	E-log 4028		Trilobite Testing DST #1 4069'-4190' 30-60-30-60 IF: wk blw m: to 1" FF: No blow Recovery: 30' Mud 40% HYD: 2050-1995# FP: 62-69/72-78# BHP: 1315-1310# BHTemp: 113°F.
4200	can			
4200	Base Kansas City	E-log 4187		
4300	can			
4300	Altamont	E-log 4186		Pipe Strap - could read numbers on strap abandoned strap Incline @ 4190 misrun
4400	can			
4400	Fairview	E-log 4234		
4500	can			
4500	Murich Station	E-log 4320		DST #2 4274'-4320' 30-60-30-60 FF: wk surface blow IF: No blow Recovery: 2' mud HYD: 2132-2081# FP: 15-17/16-17# BHP: 51-30# BHTemp: 114°F.
4600	can			
4600	Charcoal Sh	E-log 4322		Board 4322.36 Strap 4325.56 D: ff 6.80 Incline @ 4320' 1/2"
4700	can			
4700	Johnson zone	E-log 4366		
4800	can			
4800	Marrow Sh	E-log 4472		Trashy Samples 4440' to TD Marrow section heaving
4900	can			
4900	Mississippi	E-log 4472		
5000	can			
5000	R.T.D.	E-log 4558		Short trip 10 stands @ 4560' Incline @ 4560' 3/4"

CONTRACTOR _____ LOCATION _____
 LEASE _____ IP _____ SEC _____ TWP _____ RNG _____
 ELEVATION _____ RTD _____ COUNTY _____ STATE _____

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 3009

Date	9-20-16	Sec.	12	Twp.	15	Range	34	County	Logan	State	Ks	On Location		Finish	1:45 AM
Lease	McDaniel		Well No.	#5-12		Owner	25 6w NW to Rig								
Contractor	Southwind		#1	To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.											
Type Job	Plug		Charge To Concorde Resources												
Hole Size	7 7/8"		T.D.	4560'		Street									
Csg.			Depth			City	State								
Tbg. Size	4 1/2" D.P.		Depth	2244'		The above was done to satisfaction and supervision of owner agent or contractor.									
Tool			Depth			Cement Amount Ordered 255 60/40 4% Gel									
Cement Left in Csg.			Shoe Joint			Meas Line Displace H2O / mud 1/4# Flo - seal									
EQUIPMENT						Common	153								
Pumptrk	20	No.	Cementer	Craig		Poz. Mix	102								
Bulktrk	9	No.	Driver	Billy		Gel.	9								
Bulktrk	p.u.	No.	Driver	Rick		Calcium									
JOB SERVICES & REMARKS						Hulls									
Remarks:	2244' - 50 SX					Salt									
Rat Hole						Flowseal	56#								
Mouse Hole	1050' - 100 SX					Kol-Seal									
Centralizers						Mud CLR 48									
Baskets	360' - 50 SX					CFL-117 or CD110 CAF 38									
D/V or Port Collar	40' - 10 SX w/ plug					Sand									
						Handling	264								
						Mileage									
Rat hole w/ 30 SX						FLOAT EQUIPMENT									
Mouse hole w/ 15 SX						Guide Shoe									
Cement did Circulate						Centralizer									
						Baskets									
						AFU Inserts									
						Float Shoe									
						Latch Down	1 - Dry hole plug								
						Pumptrk Charge	plug								
						Mileage	30								
Signature <i>Ray Robert</i>						Tax									
						Discount									
						Total Charge									

Conservation Division
266 N. Main St., Ste. 220
Wichita, KS 67202-1513



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

Pat Apple, Chairman
Shari Feist Albrecht, Commissioner
Jay Scott Emler, Commissioner

Sam Brownback, Governor

February 08, 2017

Mark Dobbs
Concorde Resources Corporation
111 S. MAIN ST.
PO BOX 841
EUFAULA, OK 74432

Re: ACO-1
API 15-109-21443-00-00
MCDANIEL 5-12
NW/4 Sec.12-15S-34W
Logan County, Kansas

Dear Mark Dobbs:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 09/10/2016 and the ACO-1 was received on February 08, 2017 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department



DRILL STEM TEST REPORT

Prepared For: **Concorde Resources Corp.**

PO Box 841
Eufaula OK 74432

ATTN: Rich Bell

McDaniel #5 12

12-15s-34w Logan,KS

Start Date: 2016.09.16 @ 23:37:15

End Date: 2016.09.17 @ 06:17:30

Job Ticket #: 65610 DST #: 1

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

Printed: 2016.09.22 @ 13:35:28



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Concorde Resources Corp.

12-15s-34w Logan,KS

PO Box 841
Eufaula OK 74432

McDaniel #5 12

Job Ticket: 65610

DST#: 1

ATTN: Rich Bell

Test Start: 2016.09.16 @ 23:37:15

GENERAL INFORMATION:

Formation: **LKC L - Altamont A**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:36:15

Time Test Ended: 06:17:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Mike Roberts

Unit No: 81

Interval: 4069.00 ft (KB) To 4190.00 ft (KB) (TVD)

Reference Elevations: 2860.00 ft (KB)

Total Depth: 4190.00 ft (KB) (TVD)

2850.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 10.00 ft

Serial #: 6751 Outside

Press@RunDepth: 78.58 psig @ 4075.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.09.16

End Date: 2016.09.17

Last Calib.: 2016.09.17

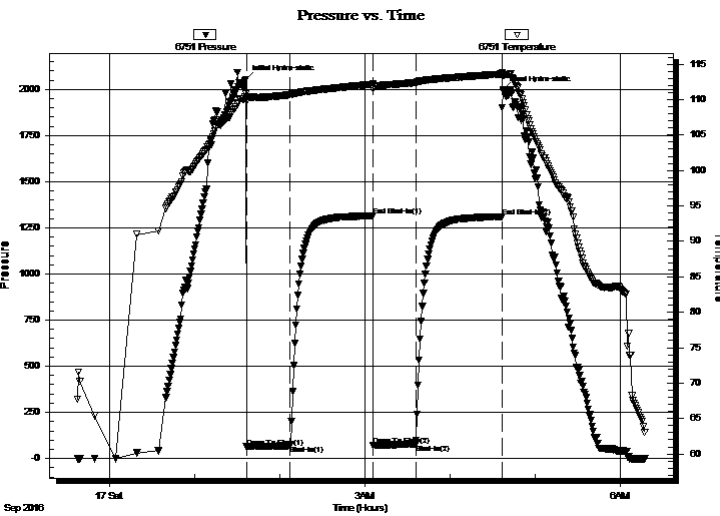
Start Time: 23:37:15

End Time: 06:17:30

Time On Btm: 2016.09.17 @ 01:36:00

Time Off Btm: 2016.09.17 @ 04:37:30

TEST COMMENT: IF: Built to 1" blow
IS: No return blow
FF: No blow
FS: No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2050.85	110.77	Initial Hydro-static
1	63.28	109.72	Open To Flow (1)
31	69.73	110.66	Shut-In(1)
90	1315.09	112.17	End Shut-In(1)
90	72.15	111.56	Open To Flow (2)
120	78.58	112.40	Shut-In(2)
181	1310.00	113.60	End Shut-In(2)
182	1995.83	113.41	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	mud with oil spots 100% m	0.42

Gas Rates

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Concorde Resources Corp.

12-15s-34w Logan,KS

PO Box 841
Eufaula OK 74432

McDaniel #5 12

Job Ticket: 65610

DST#: 1

ATTN: Rich Bell

Test Start: 2016.09.16 @ 23:37:15

GENERAL INFORMATION:

Formation: **LKC L - Altamont A**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:36:15

Time Test Ended: 06:17:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Mike Roberts

Unit No: 81

Interval: 4069.00 ft (KB) To 4190.00 ft (KB) (TVD)

Reference Elevations: 2860.00 ft (KB)

Total Depth: 4190.00 ft (KB) (TVD)

2850.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 10.00 ft

Serial #: 8672

Inside

Press@RunDepth: psig @ 4075.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.09.16

End Date:

2016.09.17

Last Calib.:

2016.09.17

Start Time: 23:37:15

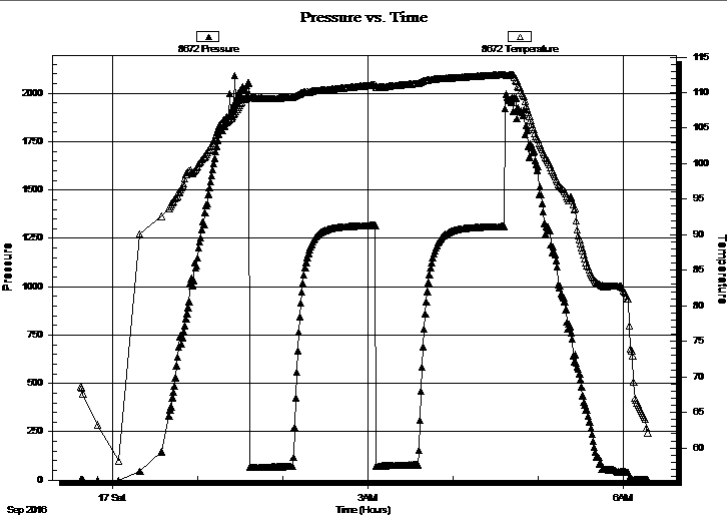
End Time:

06:17:00

Time On Btm:

Time Off Btm:

TEST COMMENT: IF:Built to 1" blow
IS:No return blow
FF:No blow
FS:No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
30.00	mud with oil spots 100% m	0.42

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Concorde Resources Corp.

12-15s-34w Logan,KS

PO Box 841
Eufaula OK 74432

McDaniel #5 12

Job Ticket: 65610

DST#: 1

ATTN: Rich Bell

Test Start: 2016.09.16 @ 23:37:15

Tool Information

Drill Pipe:	Length: 4057.00 ft	Diameter: 3.80 inches	Volume: 56.91 bbl	Tool Weight: 1500.00 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 56.91 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	4069.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	121.00 ft			
Tool Length:	141.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4050.00	
Shut In Tool	5.00			4055.00	
Hydraulic tool	5.00			4060.00	
Packer	5.00			4065.00	20.00 Bottom Of Top Packer
Packer	4.00			4069.00	
Stubb	1.00			4070.00	
Perforations	5.00			4075.00	
Recorder	0.00	8672	Inside	4075.00	
Recorder	0.00	6751	Outside	4075.00	
Change Over Sub	1.00			4076.00	
Drill Pipe	93.00			4169.00	
Change Over Sub	1.00			4170.00	
Perforations	15.00			4185.00	
Bullnose	5.00			4190.00	121.00 Bottom Packers & Anchor

Total Tool Length: 141.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Concorde Resources Corp.

12-15s-34w Logan,KS

PO Box 841
Eufaula OK 74432

McDaniel #5 12

Job Ticket: 65610

DST#: 1

ATTN: Rich Bell

Test Start: 2016.09.16 @ 23:37:15

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.77 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	mud w ith oil spots 100% m	0.421

Total Length: 30.00 ft Total Volume: 0.421 bbl

Num Fluid Samples: 0

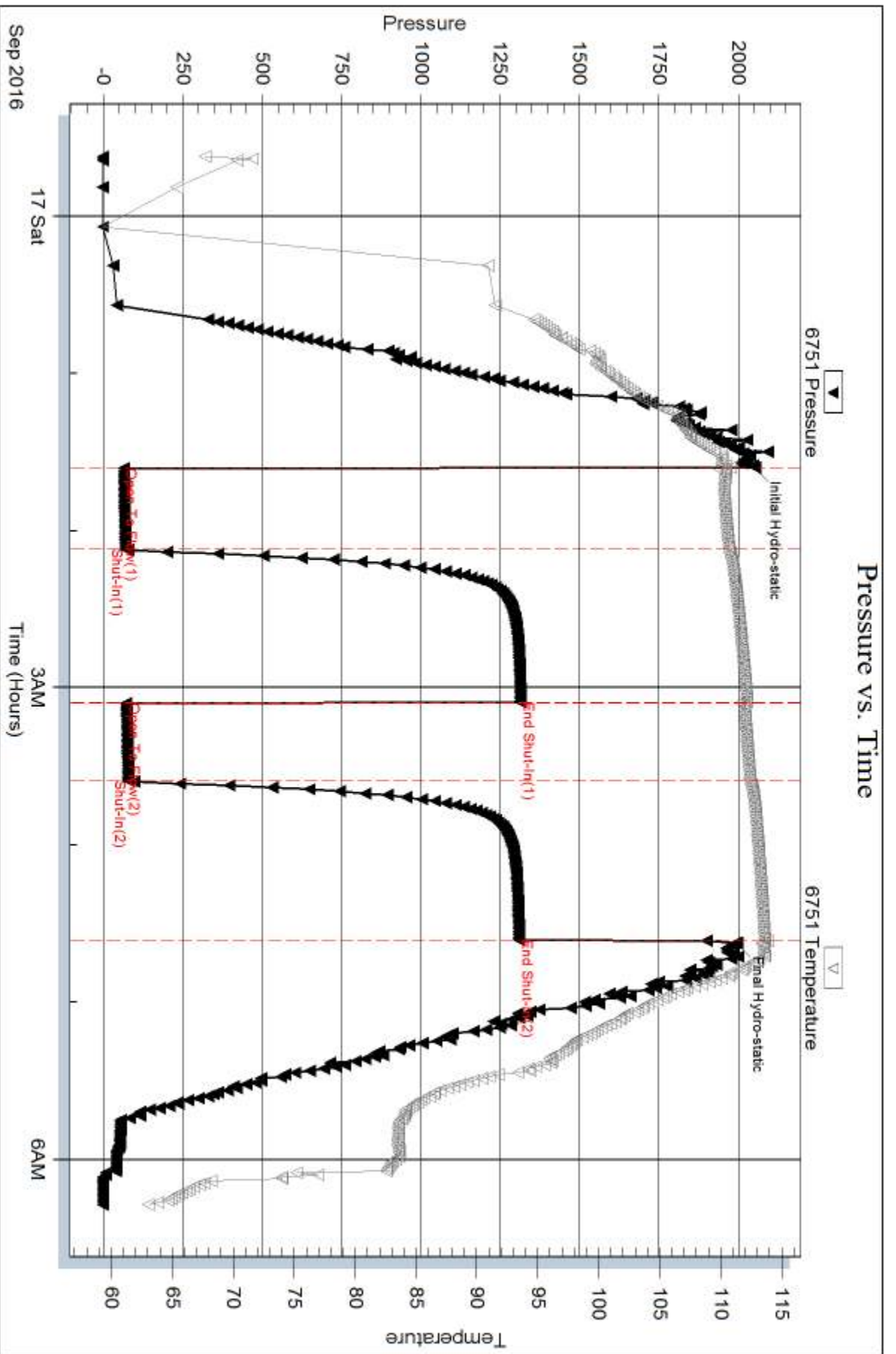
Num Gas Bombs: 0

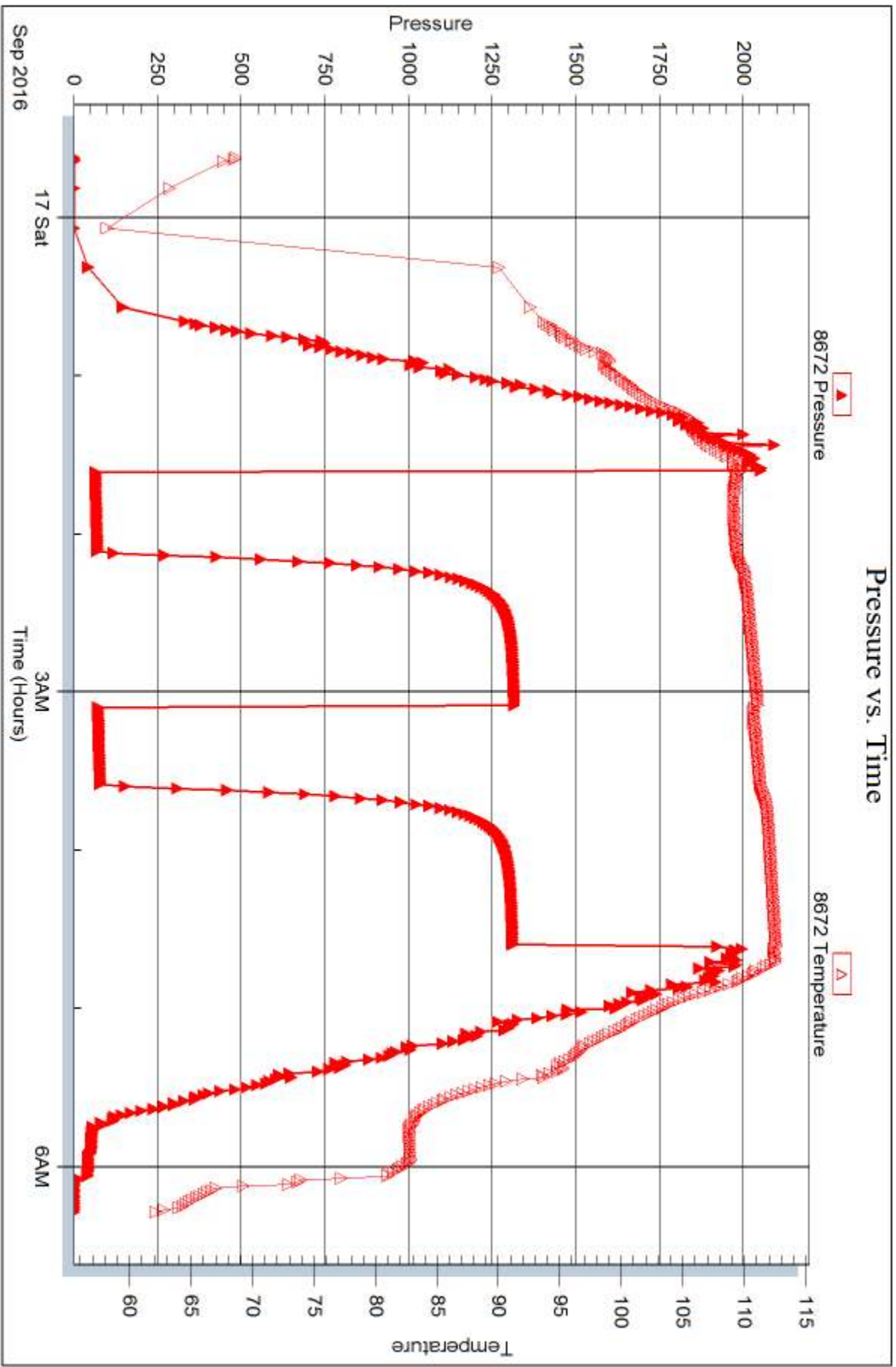
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







DRILL STEM TEST REPORT

Prepared For: **Concorde Resources Corp.**

PO Box 841
Eufaula OK 74432

ATTN: Rich Bell

McDaniel #5 12

12-15s-34w Logan,KS

Start Date: 2016.09.18 @ 03:03:15

End Date: 2016.09.18 @ 09:07:15

Job Ticket #: 65611 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2016.09.22 @ 13:35:15



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Concorde Resources Corp.

12-15s-34w Logan,KS

PO Box 841
Eufaula OK 74432

McDaniel #5 12

Job Ticket: 65611

DST#: 2

ATTN: Rich Bell

Test Start: 2016.09.18 @ 03:03:15

GENERAL INFORMATION:

Formation: **Myrick Station - Ft.**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:32:00

Time Test Ended: 09:07:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 81

Interval: 4274.00 ft (KB) To 4320.00 ft (KB) (TVD)

Reference Elevations: 2860.00 ft (KB)

Total Depth: 4320.00 ft (KB) (TVD)

2850.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 10.00 ft

Serial #: 6751 Outside

Press@RunDepth: 17.17 psig @ 4281.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.09.18

End Date:

2016.09.18

Last Calib.:

2016.09.18

Start Time: 03:03:15

End Time:

09:07:15

Time On Btm:

2016.09.18 @ 04:31:45

Time Off Btm:

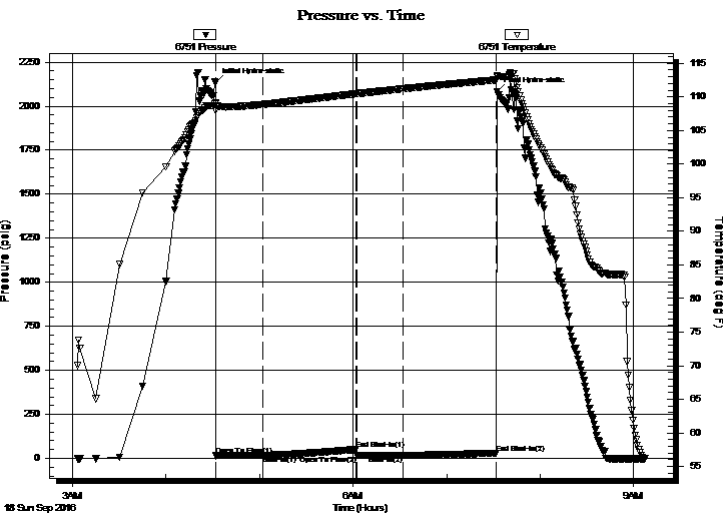
2016.09.18 @ 07:32:15

TEST COMMENT: IF: Built to weak surface blow

IS: No return blow

FF: No blow

FS: No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2132.94	109.06	Initial Hydro-static
1	15.71	107.99	Open To Flow (1)
31	17.07	108.89	Shut-In(1)
91	51.86	110.47	End Shut-In(1)
91	16.71	110.46	Open To Flow (2)
121	17.17	111.22	Shut-In(2)
180	30.58	112.52	End Shut-In(2)
181	2081.39	113.13	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	mud 100% m	0.03

* Recovery from multiple tests

Gas Rates

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



DRILL STEM TEST REPORT

Concorde Resources Corp.

12-15s-34w Logan,KS

PO Box 841
Eufaula OK 74432

McDaniel #5 12

Job Ticket: 65611

DST#: 2

ATTN: Rich Bell

Test Start: 2016.09.18 @ 03:03:15

GENERAL INFORMATION:

Formation: **Myrick Station - Ft.**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:32:00

Time Test Ended: 09:07:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 81

Interval: **4274.00 ft (KB) To 4320.00 ft (KB) (TVD)**

Total Depth: 4320.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 2860.00 ft (KB)

2850.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8672 Inside

Press@RunDepth: psig @ 4281.00 ft (KB)

Start Date: 2016.09.18

End Date: 2016.09.18

Capacity: 8000.00 psig

Last Calib.: 2016.09.18

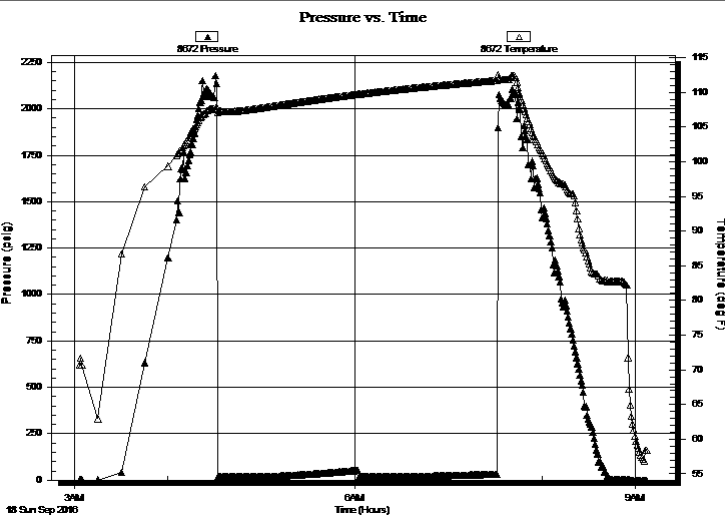
Start Time: 03:03:15

End Time: 09:07:00

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: Built to weak surface blow
IS: No return blow
FF: No blow
FS: No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
2.00	mud 100% m	0.03

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Concorde Resources Corp.

12-15s-34w Logan,KS

PO Box 841
Eufaula OK 74432

McDaniel #5 12

Job Ticket: 65611

DST#: 2

ATTN: Rich Bell

Test Start: 2016.09.18 @ 03:03:15

Tool Information

Drill Pipe:	Length: 4278.00 ft	Diameter: 3.80 inches	Volume: 60.01 bbl	Tool Weight: 1500.00 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 60.01 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	4274.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	46.00 ft			
Tool Length:	66.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4255.00	
Shut In Tool	5.00			4260.00	
Hydraulic tool	5.00			4265.00	
Packer	5.00			4270.00	20.00 Bottom Of Top Packer
Packer	4.00			4274.00	
Stubb	1.00			4275.00	
Perforations	6.00			4281.00	
Recorder	0.00	8672	Inside	4281.00	
Recorder	0.00	6751	Outside	4281.00	
Change Over Sub	1.00			4282.00	
Drill Pipe	32.00			4314.00	
Change Over Sub	1.00			4315.00	
Bullnose	5.00			4320.00	46.00 Bottom Packers & Anchor

Total Tool Length: 66.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Concorde Resources Corp.

12-15s-34w Logan,KS

PO Box 841
Eufaula OK 74432

McDaniel #5 12

Job Ticket: 65611

DST#: 2

ATTN: Rich Bell

Test Start: 2016.09.18 @ 03:03:15

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.09 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	mud 100%m	0.028

Total Length: 2.00 ft Total Volume: 0.028 bbl

Num Fluid Samples: 0

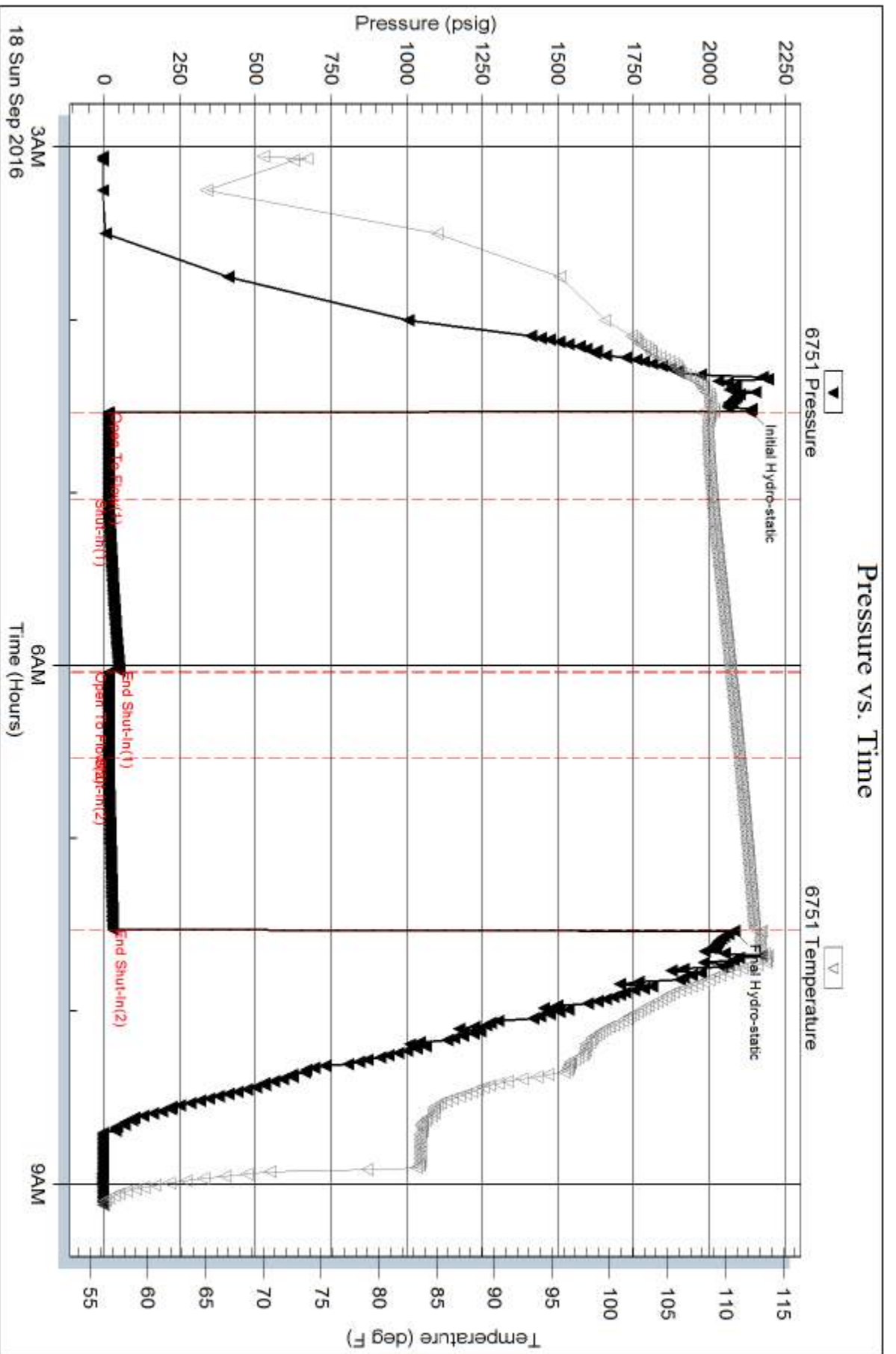
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



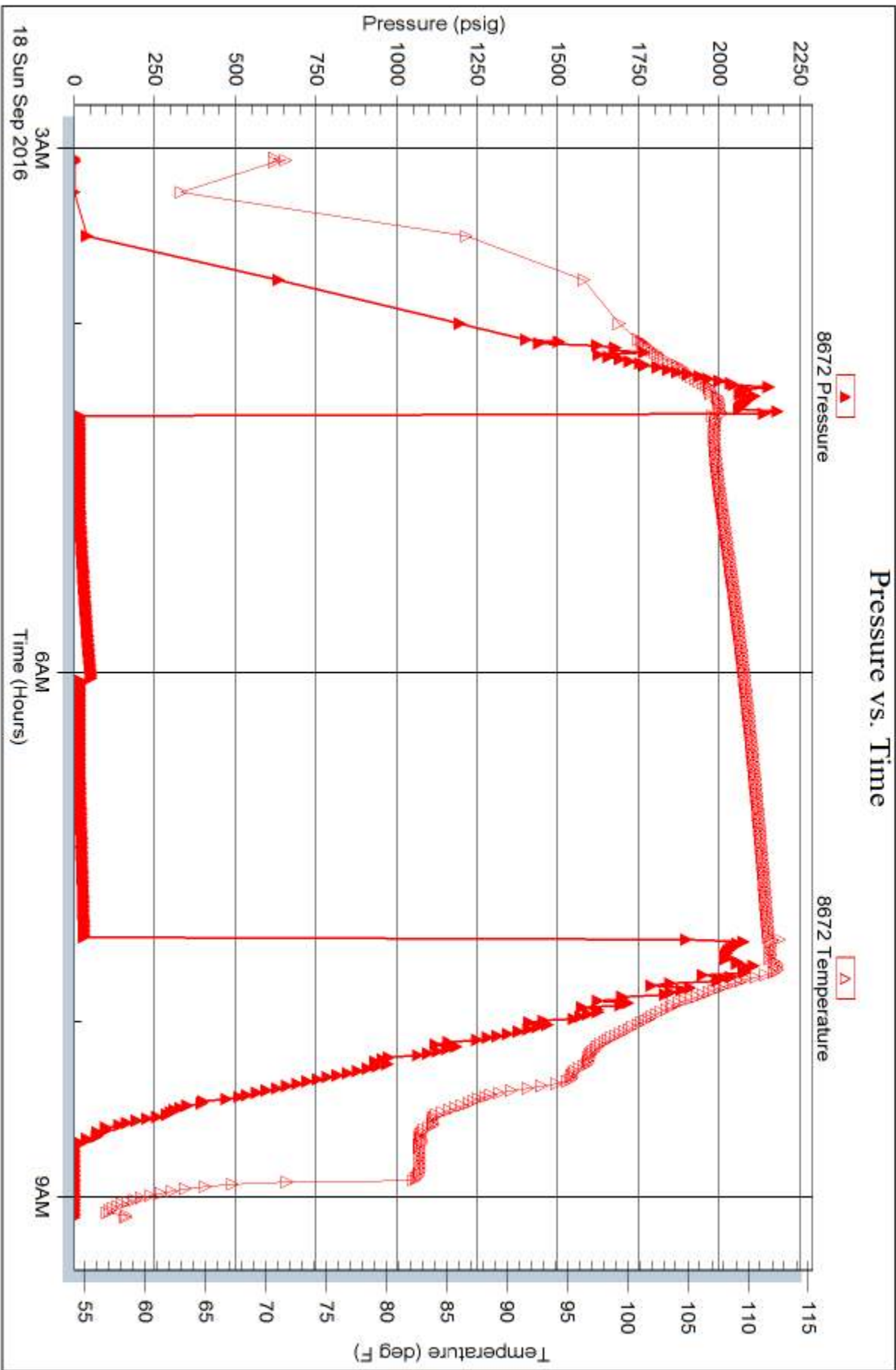
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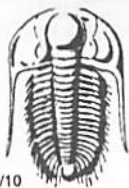
Inside

Concorde Resources Corp.

McDaniel #5 12

DST Test Number: 2





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **65610**

Well Name & No. McDaniel #5-12 Test No. 1 Date 9-16-16
 Company Concorde Resources Corp. Elevation 2860 KB 2850 GL
 Address 111 S. Main St. P.O. Box 891 Eufaula OK 74432
 Co. Rep / Geo. Rich Bell Rig Southwind 1
 Location: Sec. 12 Twp. 15S Rge. 34W Co. Logan State KS

Interval Tested 4069-4190 Zone Tested LKCL - Altomont A
 Anchor Length 121 Drill Pipe Run 4057 Mud Wt. 9.1
 Top Packer Depth 4064 Drill Collars Run Ø Vis 54
 Bottom Packer Depth 4069 Wt. Pipe Run Ø WL 6.8
 Total Depth 4190 Chlorides 2000 ppm System LCM 1

Blow Description IF: Built to 1" Blow
IS: No Return Blow
FF: No Blow
FS: No Return Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>30</u>	<u>MUD with oil spots</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

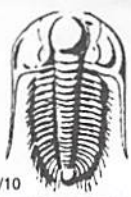
Rec Total 30 BHT 113 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic 2050
 (B) First Initial Flow 62
 (C) First Final Flow 69
 (D) Initial Shut-In 1315
 (E) Second Initial Flow 72
 (F) Second Final Flow 78
 (G) Final Shut-In 1310
 (H) Final Hydrostatic 1995
 Initial Open 30
 Initial Shut-In 60
 Final Flow 30
 Final Shut-In 60

Test #1150.00
 Jars
 Safety Joint
 Circ Sub NC
 Hourly Standby
 Mileage 90 RT- #67.50
 Sampler
 Straddle
 Shale Packer
 Extra Packer
 Extra Recorder
 Day Standby
 Accessibility
 Sub Total #1217.50

T-On Location 22:00
 T-Started 23:37
 T-Open 01:36
 T-Pulled 04:36
 T-Out 06:17
 Comments _____
 Ruined Shale Packer
 Ruined Packer
 Extra Copies
 Sub Total _____
 Total 1217.50
 MP/DST Disc't _____

Approved By Richard Bell Our Representative Mike Roberts
Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **65611**

Well Name & No. Mc Daniel #5-12 Test No. 2 Date 9-17-16
 Company Concorde Resources Corp. Elevation 2860 KB 2850 GL
 Address 111 S. Main St. P.O. Box 841 Eufaula OK 74432
 Co. Rep / Geo. Rich Bell Rig Southwind 1
 Location: Sec. 12 Twp. 15S Rge. 34W Co. Logan State KS

Interval Tested 4274-4320 Zone Tested Myrick Stn - Ft. Scott
 Anchor Length 46 Drill Pipe Run 4278 Mud Wt. 9.3
 Top Packer Depth 4269 Drill Collars Run 0 Vis 57
 Bottom Packer Depth 4274 Wt. Pipe Run 0 WL 7.1
 Total Depth 4320 Chlorides 2200 ppm System LCM 1

Blow Description IF: Built to weak Surface Blow
IS: No Return Blow
FF: No Blow
FS: No Return Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>2</u>	<u>MUD</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 2 BHT 114 Gravity - API RW - @ - °F Chlorides - ppm
 (A) Initial Hydrostatic 2132 Test \$1150.00/- T-On Location 00:20
 (B) First Initial Flow 15 Jars - T-Started 03:03
 (C) First Final Flow 17 Safety Joint - T-Open 04:32
 (D) Initial Shut-In 51 Circ Sub NC T-Pulled 07:32
 (E) Second Initial Flow 16 Hourly Standby - T-Out 09:07
 (F) Second Final Flow 17 Mileage 90RT = \$67.50/- Comments Loaded 09:30
 (G) Final Shut-In 30 Sampler 67.50 9-18-16
 (H) Final Hydrostatic 2081 Straddle - Ruined Shale Packer -

Initial Open 30 Shale Packer - Ruined Packer -
 Initial Shut-In 60 Extra Packer - Extra Copies -
 Final Flow 30 Extra Recorder - Sub Total 0
 Final Shut-In 60 Day Standby - Total 1285.00
 Accessibility 1285.00 MP/DST Disc't -
 Sub Total \$1217.50/-

Approved By Richard Bell Our Representative Mike Roberts

TriLOBite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.