KOLAR Document ID: 1372667

Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

Form ACO-1
January 2018
Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #	API No.:
Name:	Spot Description:
Address 1:	
Address 2:	Feet from North / South Line of Section
City:	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxxxx) (e.gxxx.xxxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
	Producing Formation:
☐ Oil ☐ WSW ☐ SWD	Elevation: Ground: Kelly Bushing:
☐ Gas ☐ DH ☐ EOR	Total Vertical Depth: Plug Back Total Depth:
☐ OG ☐ GSW	Amount of Surface Pipe Set and Cemented at: Feet
CM (Coal Bed Methane)	Multiple Stage Cementing Collar Used? Yes No
Cathodic Other (Core, Expl., etc.):	
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
Operator:	If Alternate II completion, cement circulated from:
Well Name:	feet depth to: sx cmt.
Original Comp. Date: Original Total Depth:	
☐ Deepening ☐ Re-perf. ☐ Conv. to EOR ☐ Conv. to SWD	Drilling Fluid Management Plan
☐ Plug Back ☐ Liner ☐ Conv. to GSW ☐ Conv. to Producer	(Data must be collected from the Reserve Pit)
Commingled Permit #:	Chloride content:ppm Fluid volume:bbls
Dual Completion Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
EOR Permit #:	Location of fluid disposal if fladica offsite.
GSW Permit #:	Operator Name:
_	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	QuarterSecTwpS. R East West
Recompletion Date Recompletion Date	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 Drill Stem Tests Received						
Geologist Report / Mud Logs Received						
UIC Distribution						
ALT I II Approved by: Date:						

KOLAR Document ID: 1372667

Page Two

Operator Name: _				Lease Name:	me: Well #:					
Sec Twp.	S. R.	E	ast West	County:						
	flowing and shu	ut-in pressures, v	vhether shut-in pre	ssure reached st	atic level, hydrosta	tic pressures, bot		val tested, time tool erature, fluid recovery,		
Final Radioactivity files must be subm						iled to kcc-well-lo	gs@kcc.ks.gov	v. Digital electronic log		
Drill Stem Tests Ta			Yes No			on (Top), Depth ar		Sample		
Samples Sent to 0	Geological Surv	/ey	Yes No	Na	me		Тор	Datum		
Cores Taken Electric Log Run Geologist Report / List All E. Logs Ru	_		Yes No Yes No Yes No							
		B	CASING eport all strings set-c		New Used	ion, etc.				
Purpose of Strir		Hole illed	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives		
			ADDITIONAL	CEMENTING / SO	UEEZE RECORD					
Purpose:		epth T Bottom	ype of Cement	# Sacks Used Type and Percent Additives						
Perforate Protect Casi Plug Back T										
Plug Off Zor										
Did you perform a Does the volume Was the hydraulic	of the total base f	fluid of the hydrauli		_	=	No (If No, sk	ip questions 2 an ip question 3) out Page Three	,		
Date of first Product Injection:	tion/Injection or R	esumed Production	Producing Meth	nod:	Gas Lift 0	Other (Explain)				
Estimated Production Per 24 Hours	on	Oil Bbls.		Mcf Water Bbls. Gas-Oil Ratio						
DISPOS	SITION OF GAS:		N	METHOD OF COMP	LETION:			DN INTERVAL: Bottom		
	Sold Used	I on Lease	Open Hole			mmingled mit ACO-4)	Тор	BOROTT		
,	,			B.11 B1						
Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid,	Fracture, Shot, Cer (Amount and Kind	menting Squeeze I of Material Used)	Record		
TUBING RECORD:	: Size:	Set	Δ+-	Packer At:						
TODING RECORD:	. 3126.	Set	n.	i donei Al.						

Form	ACO1 - Well Completion						
Operator	Concorde Resources Corporation						
Well Name	MCDANIEL 1-14						
Doc ID	1372667						

Tops

Name	Тор	Datum
Oread	3849	-832
Heebner	3878	-861
Toronto	3896	-879
Lansing	3918	-901
Muncie Creek	4097	-1080
Stark Shale	4193	-1176
Hushpuckney	4239	-1222
BKC	4276	-1261
Marmaton	4326	-1309
Altamont A	4348	-1333
Altamont B	4372	-1355
Pawnee	4422	-1405
Fort Scott	4475	-1458
Cherokee Shale	4500	-1483
Johnson Zone	4531	-1515
Morrow Shale	4600	-1619
TD	4740	-1723

Form	ACO1 - Well Completion						
Operator	Concorde Resources Corporation						
Well Name	MCDANIEL 1-14						
Doc ID	1372667						

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Type and Percent Additives
Surface	12.25	8.625	23	308	common	3%cc; 2%gell

Pawnee 4414 (-1397) 4422 (-1405) O Mississippi 4650 (-11633) Not Called	3896 (-8/9) 3918 (-901) 4276 (-1261)	Shale 3875 (-858)	Anhydrite 2374 (+643) 2377 (+640)	ELLKevin L. Howar	GEOLOGICAL SUPERVISION FROM 3600' to RTD CND;D/SP;P.E.	SAMPLES EXAMINED FROM 3600' to RTD SURVEYS	DRILLING TIME REPTEROM_ 3000_to RTD ELECTRICAL	PRODUCTION D&A		Chemical SURFACE	LTD 4738'		COUNTY LOGAN STATE National Measurements Are All CONTRACTOR Southwind Drilling Inc.	HOWARD m Geologist) 998-5354 ST'S REPORT E AND SAMPLE LOG ELEVATION KB 3017' CFSL &754' FWL RGE 34 W GL 3007' GL 3007'
high at the contain a Altamont shows.	ne top of the ny shows of and upper I Due to poo	Mississ foil. Wir Marmato or develo	reline log calc	control well ulations sug red 20 feet o ck of oil sho	(KB No gested of mud ws alor	orton; the A with p	McDa Altam Door h neg	aniel ont A press gative	#2 o	hickenedry hole armators. DS	e. The Land Kan and Kan F#2 coverage of the Its, it is re	ansir nsas ered	gh throng, Kan City J	bugh the LKC then thinned to the Mississippian and ended up 77 feet hasas City, Marmaton and Cherokee zones that pay in the area did not Zones could contain pay. DST 1 was a straddle test covering the CC J zone and recovered 1400 feet of water and some mud with no oil d by all that the McDaniel be plugged and abandoned at 4738 LTD Respectfully Submitted, Kevin Howard #236 Petroleum Geologist
Anhydr	DEPTH	Sand	stone	Limesto DRILL MINU Rate of P	ING TES I	PER	RFC	001	ale		SEN c	D arb	Sh	Cherty LS Chert Dolomite SAMPLE DESCRIPTION REMARKS
OGY	2350 60 70 80	.5	5 1	.0			5		1		5 2 vdrite (+640)	0 3	0	Ran 7 jts, new #23, talley 295' set at 307' used 170 Sacks of Common 3% gel 2% cc, Circulated, Quality Cement of Oakley, KS 1-5-17; 308' 1-6-17; 1267' 1-7-18; 2625' 1-8-18; 3295' 1-9-18; 3750' 1-10-18; 4189' 1-11-18; 4435' 1-12-18; 4720' 1-13-18; RTD
	90 2400 3600										/Anh			Lost Circulation at 3295', Pull 12 stands, mix mud to regain 0700 LC Regain 1100 Call @ 1200 - 1-8-18 Onsite 2040-3500' Drill Bit: Vorel 7 7/8" HE 29H 3/4" jets Lm, tan to brown, fine xllan, abnt. red and green shale,
	50													Sh, red to green, trace Im, with ool. Lm, tan to brown, fine xllan, dense red and green shale, Lm as above with shale. Lm, tan to gray, dense, fine xllan, trace of green and red shale. Lm, tan to gray, dense, fine xllan,
														Shale, red and gray Lm, tan to gray, fine xllan, dense, with shale Lm, tan to gray, dense, fine xllan, with shale, no show Shale, gray and red
	3700													Lm, white to tan, fine xllan, dense, trace fossiliferous. no show Lm, white to tan, fine xllan, dense with shale streaks, no show Lm, white to gray, fine xllan, dense trace fossiliferous, no show, Lm, white to gray, fine xllan, dense sli fossiliferous. no show.
	-50													Lm, white to gray, dense, sli chalky fine xllan, trace chert. Shale Black Lm, white to tan, dense, fine xllan, trace very poor ppt porosity, slightly chalky, no show The provided to tan, dense, fine xllan, traces of black, green and red shale Law white to tan, dense, sli chalky fine xllan, traces of black, green and red shale
	3800					>								Lm, white to tan, mostly dense, with pieces of white medium xllan Lm, scatter pieces of tan poorly cemented sandstone, fine grain, soft, friable. no Show Lm, white to tan, dense fine xllan with red and green shale streaks Shale red and green with traces of gray Lm, white to tan, dense fine xllan Shale Black Sand fine grain, tan, friable, no show
	50													Lm, white to tan, fine to med xllan, poor ppt porosity, sli fossiliferous. no show Lm, white to tan, trace of chalk, fine to med xllan, no show Shale Coread Lm, white to tan, fine to med xllan, poor ppt porosity, no show, trace fine grain tan sand. Lm, white to tan, fine xllan, dense abndt. green and maroon shale Heebner
	3900													Shale Black Carb. Lm; white to tan fine xllan, dense shale green and maroon. Toronto Lm; white to tan, fine xllan, dense, trace of chert and pyrite, sli fossilif. no show Shale green and maroon with gray Lansing 3918 (-901)
	50						,				A Zone B Zone C Zone			trace of brown chert, poor ppt porosity in scatted pieces. no show Lm; white to tan, fine to some medium xllan, scattered fossil frags, micro oolitic with partial oolicastic pieces scattered in the sample. No show Lm; white to tan, fine grain, fossif in part, micro oolitic, poor ppt porosity no show Shale: green, gray and maroon Lm; white med xllan, oolic with scattered oil staining, p-f inter oolitic porosity with scattered p vuggy
	4000			V										porosity with scattered p vuggy porosity, no show of free oil Shale; green, maroon, gray Lm; white to lite tan, fine xllan, dense with scattered micro oolites; rare staining on several samples, oolites are well cemented and firm in the lm. no show of free oil. Shale; dark gray to black
	50									G Zou	e Poros	itv		Lm; white, fine xllan, dense, no show, Shale; gray to green with maroon Lm; white, fine xllan, mostly dense scattered pieces with poor vugs, no show Shale; green and maroon Shale; dark gray to almost black green and maroon Lm; white to light tan, fine xllan,
							>							Lm; white to light tan, mostly dense, fine xllan, traces of dolomitic Lm with med xlls, slightly chalky, Lm; white to light tan, mostly dense, fine xllan, traces of dolomitic Lm with med xlls, slightly chalky, Lm, white to light tan, mostly dense Lm, white to light tan, mostly dense
	4100			Malfu and I)g /	Aut	D	Drille	H Zone			Shale; black Lm; white to tan, fine to xllan, dense, Shale; maroon, gray green Lm, white to tan, micro xllan to fine xllan, dense, no show Lm, white to tan, micro xllan to fine xllan, dense, no show Shale; green maroon Lm; white to tan, fine xllan, dense shaley
	50			Strad.							J Zone			Lm, white to tan cherty, dense, fine xllan, sli fossilif. shaley Lm, white to tan, micro xllan, dense, Lm, white to tan, oolitic to poorly developed oolicastic samples, very scattered poorly developed vuggy porosity. No stain, order or free oil Lm, white to tan, Oolitic to poorly oolicastic. no show of oil. ; Straddle Test DST #2 4150-4187 30"-60"-30"-60" IF: BOB in 2 Min, no return FF: BOB in 2.5 min, no return Rec: 180' MW, 120' W FPs: 48-435#/434-704# SIPs: 1258#/1257# HSPs: 2022#/1957# BHT: 116 deg F Chlor: 64,000 ppm (system-4,000 ppm)
	4200										K Zone			Shale; green, maroon and gray Stark Shale Shale; Black Carb. Shale; green, maroon, dark gray Lm, white to tan, fine xllan, slightly oolit chalky, no show of oil Lm, tan, fine xllan, trace oolitic chalky, dense, cherty. Shale; Black Carb Stark Shale 4393 (-1176) 3791' Mud-Co Onsite 0810 Reid Atkins; Mud Wt. 8.9 lb/gal Vis 58 sec/qt. API Filtrate 7.2 ml/30min. Chlor 2,400 ppm LCM 1 lbs/bbl. Hushpuckney
	50						>				L Zone			Lm, tan to brown, dense, fine xllan, cherty with abundt. brown and tan soft shale, chalky, no show of oil Lm, tan to brown, dense, micro to fine xllan, cherty with abundt. brown and tan soft shale, chalky, no show of oil Lm, tan to brown, dense, fine xllan, Cherty, no show. Hm, tan to brown, dense, fine xllan, Cherty, no show. BKC
	4300			————————————————————————————————————			>							Shale: green to gray, with traces of black Lm, brown cherty, dense, fine xllan, oolitic to oolistic. Traces of fine grained sand stone, silty, medium hard, poorly sorted, rounded. Lm, brown cherty, dense, fine xllan, oolitic to oolistic. Traces of fine grained sand stone, silty, medium hard, poorly sorted, rounded. Shaley Lm, tan to brown, dense, fine xllan, trace oolitic, shaley, no show.
	50			Strad							roblems			Shale, green to brown Lm, tan brown, fine xllan, dense, scat colitic lime, chalky, no show Shale, green to brown Shale, green to brown Altamont A 4348 (-1333) Lm, tan, fine xllan, dense, very sli colit. shaley, slightly chalky, no show
	4400			Malfunct	ionin			₽ = = = = = = = = = = = = = = = = = = =	ler	and	Brake	6		Shale, green, brown with scattered green and black combined Lm, tan, fine xllan, dense, slightly chalky shaley, no show Shale; green, maroon, black with green streaks. Lm, tan to gray, dense fine xllan with chert, chalky, no show, no odor Lm, tan to gray, dense, fine xllan with chert, chalky, no show, no odor Lm, tan to gray, dense, fine xllan, cherty Shale: black, with green and maroon Altamont B 4372 (-1355) DST #1 4323-4360 30"-6"-0"-0" IF: built to 3/4", no return FF: Pulled Tool Rec: 20' Mud, N Show FPs: 23-25#/Pulled tool SIPs: 164#/Pulled tool BHT: 112 deg F Chlor: 4,000ppm (system-4,000ppm) Shale: black, with green and maroon
	50													Lm, tan to brown, dense, micro xllan, abndt. tan chert , no show, no odor Lm, tan to brown cherty and dense AA Lm, tan to brown cherty and dense AA Lm, tan to brown, dense, micro xllan, cherty with chalk Lm, tan to brown, dense, micro xllan, oolitic, cherty and chalky
	4500							>						Lm, tan to brown, dense, micro xllan, oolitic, cherty and chalky Fort Scott 4475 (-1458) Shale, dark gray, green and black Lm, tan to brown, trace oolitic, dense, micro xllan few pieces with poor vuggy porosity, abndt chert. Shale, dark green and gray Cherokee Sh Lm, tan to brown, trace of micro oolites, dense, micro xllan, abndt chert, with pyrite, chalky no show, no vis. porosity.
	-50							A		Brake	issues			Lm, tan to brown, scattered micro oolites dense, micro xllan, cherty and chalky, no show, no vis porosity. Johnson Zone 4531 (-1515) Lm, tan to brown, micro oolitic in part, dense, micro xllan, chalky and cherty no show of oil Shale, gray, black with green
	4600													Lm, tan to brown, micro xllan, dense, cherty with traces of pyrite, sli chalky, no show Shale, black, green, gray Lm, tan to brown, micro xllan, dense, cherty, with shale, gray and green Shale, dark gray to black, with Lm stringers tan brown Lm, cherty, slightly oolitic, dense Shale as above Lm, tan to brown, some micro oolitic pieces dense, micro xllan, no visible porosity, Cherty, no show Morrow Sh.
	0 0 0 00.													Shale black, gray and green, with dense Lm streaks, Lm, tan to brown, micro oolitic, dense, fine xllan, cherty and chalky, no show Shale, green, black and gray, with inter bedded Ls, dense Shale, yellow, gray green black Shale, yellow, gray green, black with scattered sandstone clusters, fairly cemented but can bust apart, sub round poorly sorted, mostly white with a greenish tent, few clusters contained dark oil stain no odor,
	50	the 2 to bel	nost Ever Area Dri 3 minut ow the M function ler and E	ils back es a foo ississip	to t <									Shale, yellow, black and green with pyritic sand clusters. Shale as above, black shales with yellow streaks, scattered pyritic sand clusters Shale, black, with scattered green and maroon, few clusters of fine grain, well rounded, poorly sorted white sand, fair to firm cementing no show. Shale, black with clusters of white fine grained well rounded, poorley sorted sand, traces of very fined grained suger sand, pyritic, No Show
	4700													Shale and sand clusters as above Shale, mostly black and dark gray with yellow, sand white, firmly cemented, fine grain no show Shale mostly black, still caring white well cemented sand, white, no show Shale and sand as above Total Depth
	-50													Pipe strap @ 4740' was 1.57' short to board CTCH-9:16 am - 10:20 am 9:16 am Short Trip 10:30 am - 11:30 am 1/12/2018 CTCH 11:30 am - 2:00 pm Trip Out for Log 2:00 pm 4:00 pm Log 5:00 to 7;00 pm Lost Circulation After Straddle DST #1 1/13/18, going back in hole @ 10:30 am Pull 25 stands of pipe work to regain circ most of the day, regain @ 7:30 pm go back in hole to condition for DST #2 4700' Mud-Co Onsite 0800 Reid Atkins; Mud Wt. 9.5 lb/gal Vis 58 sec/qt. API Filtrate 9.6 ml/30min. Chlor 4,000 ppm LCM 1 lbs/bbl. working on getting mud wt down to 9.2 for the log 4740' Mud-Co Onsite 0810 Reid Atkins; Mud Wt. 9.3 lb/gal Vis 56 sec/qt. API Filtrate 8.8 ml/30min.
	4800													
	50													
	4900													
	50													
	5000													
	50													
	5100													
	50													
	5200													



Concorde Resources Corp

111 S.Main St.

EuFaula Ok 74432

PO Box 841

14-15s-34w Logan

McDaniel #1-14

Job Ticket: 63250

DST#: 1

ATTN: Bill Wood, Kevin How

GENERAL INFORMATION:

Formation: Altamont

Deviated: No Whipstock: ft (KB) Test Type: Conven

Time Tool Opened: 03:11:19
Time Test Ended: 08:05:33

4323.00 ft (KB) To 4360.00 ft (KB) (TVD)

Total Depth: 4738.00 ft (KB) (TVD)

Hole Diameter: 7.85 inches Hole Condition: Poor

Test Type: Conventional Straddle (Initial)

Test Start: 2018.01.13 @ 00:00:39

Tester: Ray Sch

Ray Schwager

Unit No: 77

Reference Elevations:

Capacity:

3017.00 ft (KB)

50

3007.00 ft (CF)

8000.00 psig

KB to GR/CF: 10.00 ft

Serial #: 8360 Inside

Interval:

Press@RunDepth: 25.11 psig @ 4331.00 ft (KB)

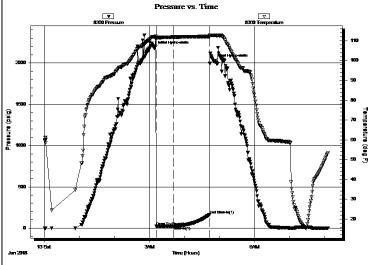
 Start Date:
 2018.01.13
 End Date:
 2018.01.13
 Last Calib.:
 2018.01.13

 Start Time:
 00:00:39
 End Time:
 08:05:33
 Time On Btm:
 2018.01.13 @ 03:08:49

Time Off Btm: 2018.01.13 @ 04:50:48

TEST COMMENT: 30-IFP-wkbl thru-out

60-ISIP-no blow pulled tool



	PRESSURE SUMMARY Time Pressure Temp Annotation							
Ī	Time	Pressure	Temp	Annotation				
	(Min.)	(psig)	(deg F)					
	0	2176.12	111.96	Initial Hydro-static				
	3	23.17	111.42	Open To Flow (1)				
	33	25.11	111.87	Shut-In(1)				
.	94	164.60	112.18	End Shut-In(1)				
	102	2021.41	112.75	Final Hydro-static				
•								
"								

Recovery

Length (ft)	Description	Volume (bbl)
20.00	Mud	0.28

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



Concorde Resources Corp

14-15s-34w Logan McDaniel #1-14

111 S.Main St. PO Box 841 EuFaula Ok 74432

Job Ticket: 63250

DST#: 1

ATTN: Bill Wood, Kevin How

Test Start: 2018.01.13 @ 00:00:39

GENERAL INFORMATION:

Formation: **Altamont**

Test Type: Conventional Straddle (Initial) Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:11:19 Time Test Ended: 08:05:33

Unit No:

Tester:

4323.00 ft (KB) To 4360.00 ft (KB) (TVD) 4738.00 ft (KB) (TVD)

Reference Elevations: 3017.00 ft (KB)

Ray Schwager

3007.00 ft (CF)

Hole Diameter: 7.85 inches Hole Condition: Poor KB to GR/CF: 10.00 ft

Serial #: 8673

Outside

psig @

4331.00 ft (KB)

Capacity: Last Calib.: 8000.00 psig

Press@RunDepth: Start Date:

2018.01.13

End Date:

2018.01.13 08:05:28

Time On Btm:

2018.01.13

Start Time:

Interval:

Total Depth:

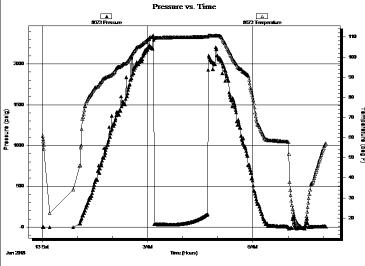
00:01:04

End Time:

Time Off Btm:

TEST COMMENT: 30-IFP-wkbl thru-out

60-ISIP-no blow pulled tool



PRESSURE SUMMARY

	T REGOVE GOWN, ICT								
Ī	Time	Pressure	Temp	Annotation					
	(Min.)	(psig)	(deg F)						
ľ									
Timparatura (dag F)									
2									
3									

Recovery

Length (ft)	Description	Volume (bbl)
20.00	Mud	0.28

Gas Rates

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

Trilobite Testing, Inc. Ref. No: 63250 Printed: 2018.01.13 @ 09:23:26



Concorde Resources Corp

14-15s-34w Logan McDaniel #1-14

111 S.Main St. PO Box 841 EuFaula Ok 74432

Job Ticket: 63250

DST#: 1

ATTN: Bill Wood, Kevin How

Test Start: 2018.01.13 @ 00:00:39

GENERAL INFORMATION:

Formation: **Altamont**

Test Type: Conventional Straddle (Initial) Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:11:19 Time Test Ended: 08:05:33

Unit No:

Tester:

4323.00 ft (KB) To 4360.00 ft (KB) (TVD) 4738.00 ft (KB) (TVD)

Reference Elevations:

3017.00 ft (KB) 3007.00 ft (CF)

Total Depth:

KB to GR/CF: 10.00 ft

Ray Schwager

Hole Diameter: 7.85 inches Hole Condition: Poor

Serial #: 8373

Below (Straddle)

Press@RunDepth:

psig @

4389.00 ft (KB)

Capacity: Last Calib.: 8000.00 psig

Start Date:

2018.01.13

End Date:

2018.01.13 08:02:13

Time On Btm:

2018.01.13

Start Time:

Interval:

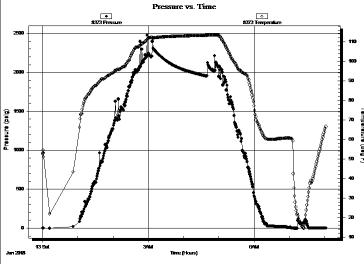
00:00:34

End Time:

Time Off Btm:

TEST COMMENT: 30-IFP-w k bl thru-out

60-ISIP-no blow pulled tool



PRESSURE SUMMARY

Ī	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
•				
Temperature (deg F)				
(d				
J				
		1		

Recovery

Description	Volume (bbl)
Mud	0.28

Gas Rates

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

Trilobite Testing, Inc. Ref. No: 63250 Printed: 2018.01.13 @ 09:23:26



FLUID SUMMARY

Concorde Resources Corp

14-15s-34w Logan

McDaniel #1-14

Serial #:

111 S.Main St. PO Box 841

EuFaula Ok 74432 Job Ticket: 63250

ATTN: Bill Wood, Kevin How

Ticket: 63250 **DST#:1**

Test Start: 2018.01.13 @ 00:00:39

Mud and Cushion Information

Mud Type:Gel ChemCushion Type:Oil API:deg APIMud Weight:10.00 lb/galCushion Length:ftWater Salinity:ppm

Viscosity: 58.00 sec/qt Cushion Volume: bbl

Water Loss: 9.56 in³ Gas Cushion Type:

Resistivity: ohm.m Gas Cushion Pressure: psig

Salinity: 4000.00 ppm Filter Cake: 1.00 inches

Recovery Information

Recovery Table

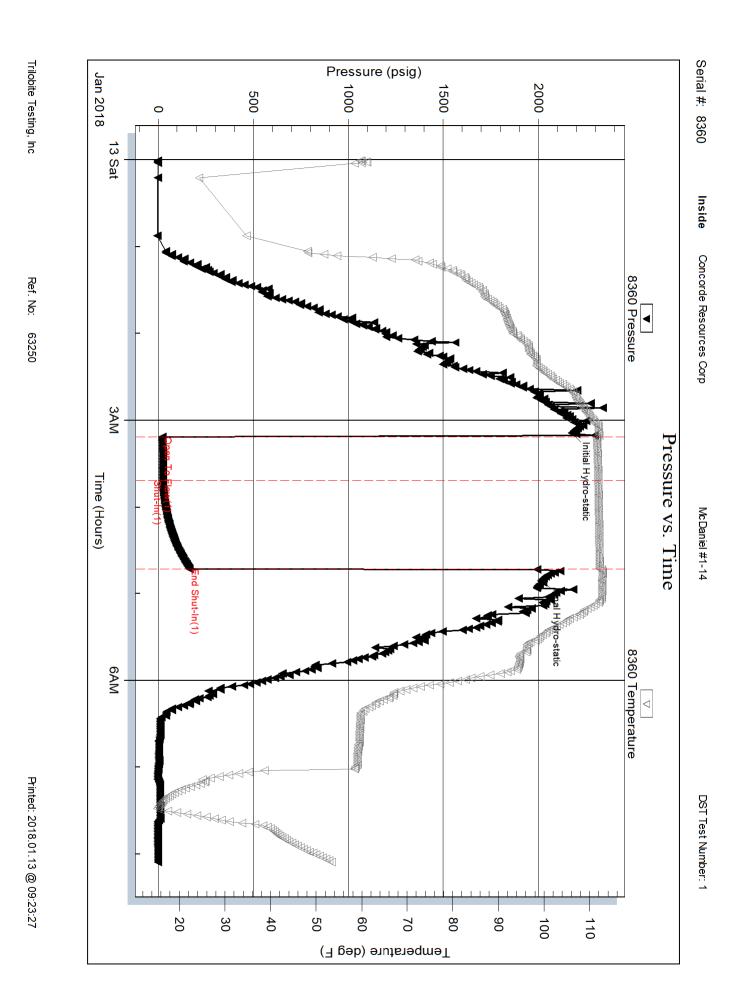
Length ft	Description	Volume bbl
20.00	Mud	0.281

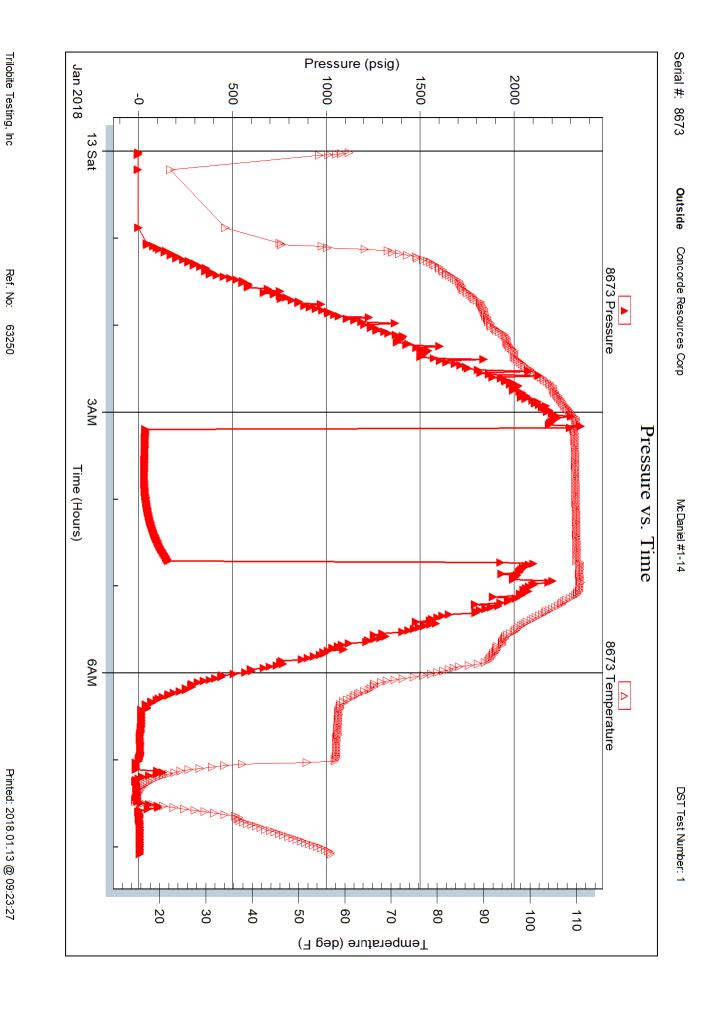
Total Length: 20.00 ft Total Volume: 0.281 bbl

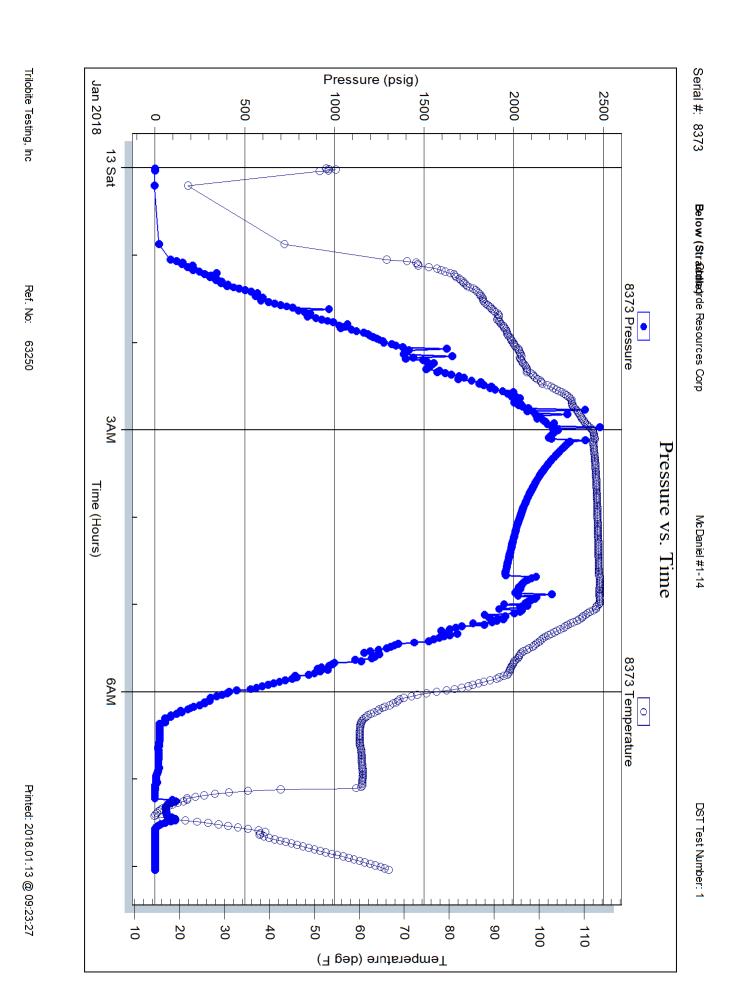
Num Fluid Samples: 0 Num Gas Bombs: 0

Laboratory Name: Laboratory Location:

Recovery Comments:









Concorde Resources Corp

ATTN: Bill Wood, Kevin How

111 S.Main St.

14-15s-34w Logan

McDaniel #1-14

PO Box 841 EuFaula Ok 74432 Job Ticket: 63501

Test Start: 2018.01.14 @ 01:15:34

Tester:

Unit No:

GENERAL INFORMATION:

Formation: LKC "J"

Deviated: No Whipstock: ft (KB) Test Type: Conventional Straddle (Reset)

Time Tool Opened: 04:22:14 Time Test Ended: 10:26:44

Interval: 4151.00 ft (KB) To 4187.00 ft (KB) (TVD)

Total Depth: 4738.00 ft (KB) (TVD)

Hole Diameter: 7.85 inches Hole Condition: Poor

Reference Elevations: 3017.00 ft (KB)

Ray Schwager

KB to GR/CF: 10.00 ft

DST#: 2

3007.00 ft (CF)

Serial #: 8360 Inside

Press@RunDepth: 704.21 psig @ 4159.00 ft (KB) Capacity: 8000.00 psig

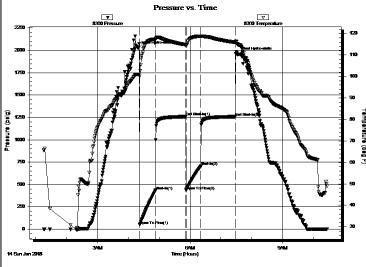
 Start Date:
 2018.01.14
 End Date:
 2018.01.14
 Last Calib.:
 2018.01.14

 Start Time:
 01:15:34
 End Time:
 10:26:44
 Time On Btm:
 2018.01.14 @ 04:18:59

 Time Off Btm:
 2018.01.14 @ 07:33:58

TEST COMMENT: 30-IFP-BOB in 3 min

60-ISIP-no blow back 30-FFP- BOB in 3 min 60- FSIP-no blow back



	PRESSURE SUMMARY			
	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
	0	2022.35	100.89	Initial Hydro-static
	4	48.54	99.98	Open To Flow (1)
	34	434.29	117.36	Shut-In(1)
	93	1258.72	114.81	End Shut-In(1)
3	94	434.79	114.45	Open To Flow (2)
	123	704.21	118.71	Shut-In(2)
ì	190	1257.55	115.92	End Shut-In(2)
,	195	1956.77	114.75	Final Hydro-static

DDECCLIDE CLIMANADY

Recovery

Length (ft)	Description	Volume (bbl)
180.00	MW 20%M80%W	2.52
1220.00	Water	17.11
* Recovery from mult	tiple tests	

Gas Rat	es	
Choko (inohoo)	Drocoure (poig)	Coo Boto (Mof/d)



Concorde Resources Corp

111 S.Main St.

14-15s-34w Logan

McDaniel #1-14

Tester:

Unit No:

PO Box 841 EuFaula Ok 74432

Job Ticket: 63501 **DST#: 2**

ATTN: Bill Wood, Kevin How

Test Start: 2018.01.14 @ 01:15:34

Ray Schwager

3007.00 ft (CF)

GENERAL INFORMATION:

Formation: LKC "J"

Deviated: No Whipstock: ft (KB) Test Type: Conventional Straddle (Reset)

Time Tool Opened: 04:22:14 Time Test Ended: 10:26:44

Interval:

4151.00 ft (KB) To 4187.00 ft (KB) (TVD) Reference Elevations: 3017.00 ft (KB)

Total Depth: 4738.00 ft (KB) (TVD)

Hole Diameter: 7.85 inches Hole Condition: Poor KB to GR/CF: 10.00 ft

Serial #: 8673 Outside

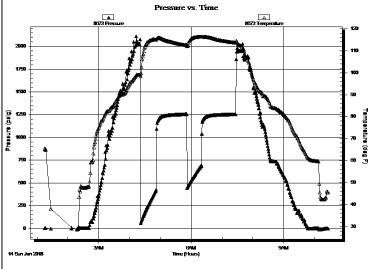
 Press@RunDepth:
 psig @ 4159.00 ft (KB)
 Capacity:
 8000.00 psig

Start Date: 2018.01.14 End Date: 2018.01.14 Last Calib.: 2018.01.14

Start Time: 01:15:06 End Time: 10:26:01 Time On Btm: Time Off Btm:

TEST COMMENT: 30-IFP-BOB in 3 min

60-ISIP-no blow back 30-FFP- BOB in 3 min 60- FSIP-no blow back



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_				
	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
	(171111.)	(psig)	(deg i)	
7				
를				
ā				
3				
Temperature (deg F)				
J				

Recovery

Length (ft)	Description	Volume (bbl)
180.00	MW 20%M80%W	2.52
1220.00	Water	17.11
* Recovery from mult	tiple tests	

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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Concorde Resources Corp

14-15s-34w Logan McDaniel #1-14

111 S.Main St. PO Box 841 EuFaula Ok 74432

Job Ticket: 63501

DST#: 2

ATTN: Bill Wood, Kevin How

Test Start: 2018.01.14 @ 01:15:34

GENERAL INFORMATION:

Formation: LKC "J"

Deviated: No Whipstock: ft (KB)

Test Type: Conventional Straddle (Reset)
Tester: Ray Schwager

Time Tool Opened: 04:22:14
Time Test Ended: 10:26:44

Unit No: 77

Reference Elevations: 30°

3017.00 ft (KB)

Total Depth: 4738.00 ft (KB) (TVD)

30

3007.00 ft (CF)

Hole Diameter: 7.85 inches Hole Condition: Poor

KB to GR/CF: 10.00 ft

Serial #: 8373

Below (Straddle)

Press@RunDepth:

psig @

4151.00 ft (KB) To 4187.00 ft (KB) (TVD)

4198.00 ft (KB)

Capacity: 1.14 Last Calib.: 8000.00 psig

Start Date:

2018.01.14

End Date:

2018.01.14 10:24:57

Time On Btm:

2018.01.14

Start Time:

Interval:

01:16:04

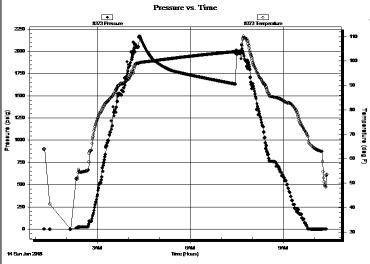
End Time:

0.24.07

Time Off Btm:

TEST COMMENT: 30-IFP-BOB in 3 min

60-ISIP-no blow back 30-FFP- BOB in 3 min 60- FSIP-no blow back



PRESSURE :	SUMMARY
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, [Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
'				
₫				
mperet				
Temperature (deg F)				
Ē				

Recovery

Length (ft)	Description	Volume (bbl)			
180.00	MW 20%M80%W	2.52			
1220.00	Water	17.11			
* Recovery from multiple tests					

Gas Rates

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



FLUID SUMMARY

Concorde Resources Corp

14-15s-34w Logan

111 S.Main St. PO Box 841 McDaniel #1-14
Job Ticket: 63501

DST#: 2

EuFaula Ok 74432

Test Start: 2018.01.14 @ 01:15:34

ATTN: Bill Wood, Kevin How

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: 64000 ppm

Viscosity: 61.00 sec/qt Cushion Volume: bbl

Water Loss: 9.51 in³ Gas Cushion Type:

Resistivity: ohm.m Gas Cushion Pressure: psig

Salinity: 4000.00 ppm Filter Cake: 1.00 inches

Recovery Information

Recovery Table

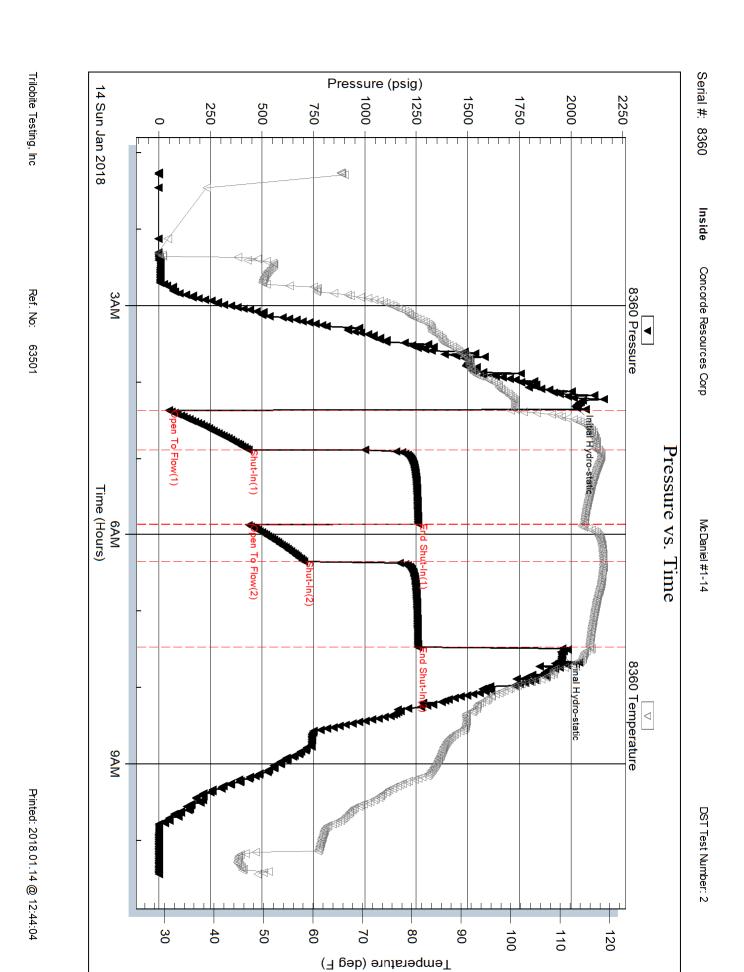
Length ft	Description	Volume bbl
180.00	MW 20%M80%W	2.525
1220.00	Water	17.113

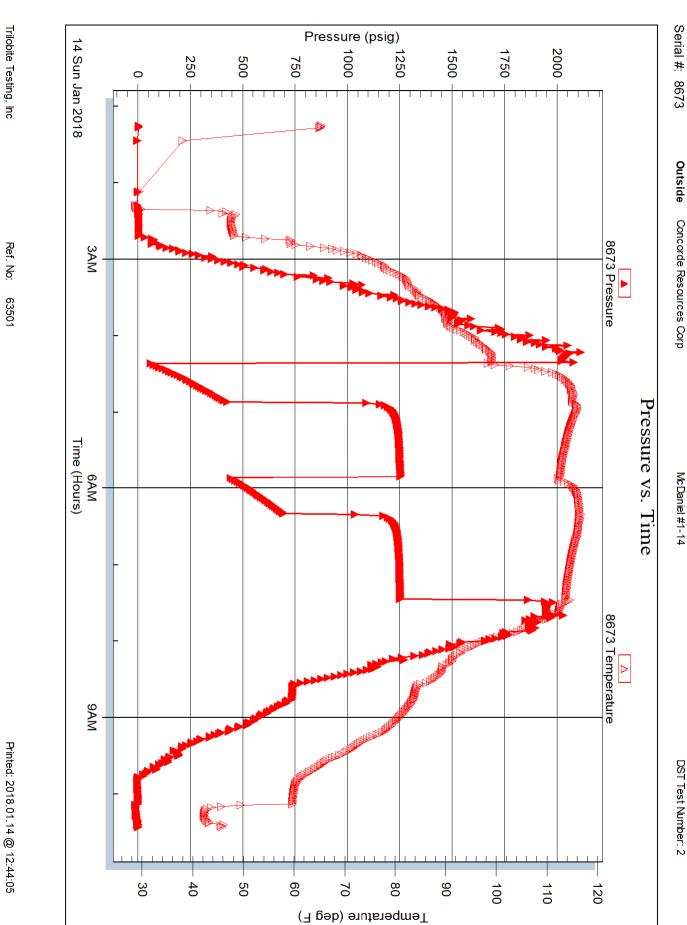
Total Length: 1400.00 ft Total Volume: 19.638 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: 6# LCM RW .26@70F





60

70

Temperature (deg F)

80

90

100

30

40

50

STATE OF KANSAS

CORPORATION COMMISSION CONSERVATION DIVISION 266 N. MAIN ST., STE. 220 WICHITA, KS 67202-1513



PHONE: 316-337-6200 FAX: 316-337-6211 http://kec.ks.gov/

GOVERNOR JEFF COLYER, M.D.

SHARI FEIST ALBRECHT, CHAIR | JAY SCOTT EMLER, COMMISSIONER | DWIGHT D. KEEN, COMMISSIONER

June 12, 2018

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

Re: ACO-1 API 15-109-21530-00-00 MCDANIEL 1-14 SW/4 Sec.14-15S-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 01/04/2018 and the ACO-1 was received on June 12, 2018 (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

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

vo. 580

State On Location Finish County Range Sec. Twp. 201 m Date Location 4 Owner Well No Lease To Quality Oilwell Cementing, Inc. Contractor 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 Charge To Hole Size T.D Depth Street Csg. Depth City State Tbg. Size The above was done to satisfaction and supervision of owner agent or contractor. Depth Tool Cement Amount Ordered Shoe Joint Cement Left in Csg Displace Meas Line EQUIPMENT Common No. Cementer Helper Poz. Mix Pumptrk No. Driver Gel. Bulktrk Driver Driver No. Calcium Bulktrk Driver JOB SERVICES & REMARKS Hulls Salt Remarks: Flowseal Rat Hole Kol-Seal Mouse Hole Mud CLR 48 Centralizers CFL-117 or CD110 CAF 38 Baskets D/V or Port Collar Sand Handling Mileage FLOAT EQUIPMENT Guide Shoe Centralizer Baskets **AFU Inserts** Float Shoe Latch Down Pumptrk Charge Mileage Tax Discount **Total Charge** X Signature

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P.O. Box 841 111 South Main Eufaula, OK 74432

McDaniels #1-14

Sec 14, Twp 15S, R 34W Logan Co., KS

Drilling Supervision, Set Surface Pipe, & Plug

Prepared for: Gary Moores & Bill Woods

September 22, 2015

Prepared by:
Dreiling Enterprises, LLC
Preston L. Dreiling
815 Main Street
Victoria, KS 67671
(785) 639-2099

Concorde Resources Corp. McDaniels #1-14 Friday January 5, 2018 Set Surface Pipe

Drill down to 308', circulate hole clean. Trip out of hole with collars and bit.

7 joints of 23# 8 5/8" (295.39").

Welder cut texas shoe on bottom joint of 8 5/8".

Trip in the hole with 8 5/8".

Run landing joint. Set pipe at 307'.

Tag bottom and rig up Quality Oilwell Cementing.

Break circulation with rigs mud pump.

Start mixing. Mixed 170 sacks common 3% C.C., 2% gel.

Done mixing. Start displacement.

Displaced 18 barrels of water. Left 10' of cement in 8 5/8".

(Circulated cement to pit.)

Rig Quality Oilwell Cementing down.

Concorde Resources Corp. McDaniels #1-14 Sunday January 14, 2018 Plug

Run drill pipe open ended to 2385'.

Rig up QES.

Mix 50 sacks of 60/40 poz. 4% gel. 1/4# flo-seal and displaced.

Lay down drill pipe to 1200', mixed 100 sacks.

Lay down drill pipe to 360', mixed 50 sacks.

Lay down rest of pipe. Break down Kelly and rat hole.

Push plug to 40' and mix 10 sacks.

Plug rat hole with 30 sacks.

Plug mouse hole with 15 sacks.

Rig Quality Oilwell Cementing down.

Plug with 255 sacks 60/40 poz. 4% gel. ¼# flo-seal.

STATE OF KANSAS

CORPORATION COMMISSION CONSERVATION DIVISION 266 N. MAIN ST., STE. 220 WICHITA, KS 67202-1513



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June 12, 2018

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Production Department