

API # 15-109-21570-00-00 Well Name & No: McDaniel #1A-19
 Operator Concorde Resources Corporation County: Logan State: _____
 Location: 131 FNL & 2517 FEL, Section 19-15s-33w Tool Pusher: Lonnie Lang 785-769-4153
 Rig No: 1 Contractor: STP Drilling, LLC Rig Phone: 785-421-7055
 Drill collars: 16 Size: 6 1/4 x 2 1/4 Spud 9/24/18 @ 3
 Make Pump: Emsco D 375 Line & Stroke: 6 x 14
 Approx. TD: 4700 Elevation: G.L. 2946 K.B. 2953 KB Hole Complete: _____
 Mud Co: Mud co Mud Engineer: Reid Atkins Water Gabel haul -

Date	9/24/18	9/25/18	9/26/18	9/27/18	9/28/18	9/29/18	9/30/18	10/1/18	10/2/18
Days	1-spud	2-drlg	3-drlg	4-drlg	5-drlg	6-drlg	7-dst #1	8-drlg	9-dst #3
Depth		350	2260	3195	3645	4020	4176	4320	4461
Ft. Cut		350	1910	935	450	375	156	144	141
Drill time		0.75	22.75	21.5	19	17.75	7	8.25	9.75
Down time		8-woc	0	.5-wop	2.25-wop	0	0	.25-wop	0
Co. time		0	0	0	.5-L.cir.	6	16	15.5	9.75
Bit Wt.	all	25,000	28,000	35,000	35,000	35,000	35,000	35,000	35,000
RPM	100	90	85	80	80	80	80	80	80
Pressure	450	450	800	800	800	800	800	800	800
SPM	60	60	60	60	60	60	60	60	60
Mud Cost		0		6188	10,950	10,005	10,647	10,846	10,846
Mud Wt.		8.9	9.3	9.4	8.7	9.2	9.1	9.2	9.2
Viscosity		28	30	32	49	50	57	54	57
Water Loss						6.4	7.2	8.8	8.8
Chlorides				55,000		2500	3000	4000	5000
L.C.M.					2#	1.5#	2#	2#	2#
Dev. Sur		.25°-309					.5°-4176		
Dev. Sur									
Fuel	1500	1428	4076	3660	3313	2897	2620	2342	1986
Water-Pit		1'	1'	3'	3'	4'	4'	4'	4'
ACC Bit Hrs		0.75	23.5	45.5	64.5	82.25	89.75	98	107.75
Formation	sd - sh	sd - sh	sd - sh	sd - sh	sh - lm	sh - lm	sh - lm	sh - lm	sh - lm
Weather	clear	p/cloudy	clear	clear	cloudy	cloudy	fog	fog	fog

No.	Size	Type	Out	Ft.	Hrs.	Cum Hrs.	Bit Cond	Serial #	To
1	12 1/4	Smith	309	309	4.25	4.25	RR		An
2	7 7/8	Sm F27		4321	118.75	123	New	RJ 8323	2336 -
3									

Depth	Size	Sacks	Cement Material	Plug down	Drilled Out	Remarks
309	8 5/8	225	Common, 3% cc, 2% gel	10:15 PM	6:15 AM	QES Did circula

No.	Interval	Open	Shut	Open	Shut	Recovery
1	4116 - 4176	30	60	30	60	110' mud
2	4232 - 4305	30	30	30	30	200' gip, 315' oil, 300' oil/water cut mu
3	4385 - 4461	30	30	30	30	2' mud w/ oil spots
4	4455 - 4548	30	30	30	30	25' muddy water
5						
6						
7						
8						
9						

Surface casing furnished by: Sunrise: Gabel hauled 7 joints of 23#, 8 5/8 tally 299.57 set @ 309'
 Remarks: Spud @ 9/24/18 @ 3:30 pm. Anhydrite @ 2336 - 2355'. Lost circulation @ 3375' (1/2 hr). Displaced @ 3403'

(750 bbls). Short trip @ 3830', 52 stands (3 hrs). Pipe strap 2.14 long. Short trip @ 4176', 8 stands (.75 hr). Short trip @ 4305', 10 stands (.75 hr).

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Kansas Operator	Concorde Resources Corporation	County:	Logan
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Rig No:	1 Contractor: STP Drilling, LLC	Rig Phone:	785-421-7055
1:30 pm	Drill collars: 16 Size: 6 1/4 x 2 1/4		Spud
	Make Pump: Emsco D 375	Line & Stroke:	6 x 14
	Approx. TD: 4700	Elevation: G.L. 2946	K.B. 2953 KB Hole Complete:
pond	Mud Co: Mud co	Mud Engineer:	Reid Atkins Water

10/3/18	Date	10/4/18	10/5/18
10-drlg	Days	11-cem.	12-done
4630	Depth	4653	4653
169	Ft. Cut	23	0
11	Drill time	2	0
0	Down time	0	0
13	Co. time	22	7
35,000	Bit Wt.	35,000	
80	RPM	80	
800	Pressure	800	
60	SPM	60	
12,279	Mud Cost	13,248	
9.2	Mud Wt.	9.4	
53	Viscosity	56	
8	Water Loss	8.8	
5400	Chlorides	5500	
2#	L.C.M.	2#	
	Dev. Sur	1°-4653	
	Dev. Sur		
1788	Fuel	1500	
3'	Water-Pit	3'	
118.75	ACC Bit Hrs	120.75	
sh - lm	Formation	sh - lm	
clear	Weather	clear	

No.	Size	Type	Out	Ft.	Hrs.	Cum Hrs.	Bit Cond	Serial #
1	12 1/4	Smith		309	309	4.25	4.25 RR	
2	7 7/8	Sm F27	4653	4344	120.75	125	New	RJ 8323
3								37.2 FPH
Depth	Size	Sacks	Cement Material		Plug down	Drilled Out	Remarks	
309	8 5/8	225	Common, 3% cc, 2% gel		10:15 PM	6:15 AM	QES Did circ	
4648	5 1/2	175	bottom		10:00 AM	10/4/18	QES Did circ	
		370	top				D.V. tool set	
No.	Interval	Open	Shut	Open	Shut	Recovery		
	1 4116 - 4176		30	60	30	60 110' mud		
	2 4232 - 4305		30	30	30	30 200' gip, 315' oil, 300' oil/		
	3 4385 - 4461		30	30	30	30 2' mud w/ oil spots		
	4 4455 - 4548		30	30	30	30 25' muddy water		
	5							
	6							
	7							
	8							
	9							



State: Kansas
L53

9/24/18 @ 3:30 pm

10/3/18 @ 9:00 am
Gabel haul - pond

Tops
Anhy
2336 - 2355

ulate
ulate
@ 2316'

water cut mud