

API # 15-109-21431-00-00

Operator: Concorde Resources Corporation Well Name & No: McDaniel #1-22
 Location: 2260 FSL & 1570 FWL, Section 22-15s-34w County: Logan State: Kansas
 Rig No.: 2 Contractor: WW Drilling, LLC Tool Pusher: Lonnie Lang 785-259-3864
 Drill Collars: 16 Size: 6 1/4 x 2 1/4 Rig Phone: 785-259-4388
 Make Pump: National K-380 Liner & Stroke: 6 x 14 Spud 9/4/15 @ 7:30 am
 Approx. TD: 4700 Elevation: 3014 K.B. 3019 KB Hole Complete: 9/11/15 @ 5:15 am
 Mud Co.: KDT Mud Engineer: Ken Rupp Water Haul - Well

Date	09/04/15	09/05/15	09/06/15	09/07/15	09/08/15	09/09/15	09/10/15	09/11/15	09/12/15	
Days	1-spud	2-drlg	3-drlg	4-drlg	5-Drlg	6-drlg	7-drlg	8-ctch	9-done	
Depth		1341	2738	3405	3964	4292	4428	4700	4700	
Ft. Cut		1341	1397	667	559	328	136	272	0	
D.T.										
D.T.		1/4-wop								
C.T.		8-woc	1.5	1.75	5.5	8.25	15.5	5	16.75	
Bit Wt.	all	15,000	38,000	38,000	38,000	38,000	38,000	38,000		
RPM	100+	100	85	85	85	85	85	85		
Pressure	450	750	800	900	800	800	800	900		
SPM	60	60	60	60	60	60	60	60		
Mud Cost		935	3126	6055	9508	10,688	12,645	13,083		
Mud Wt.		8.6	9.5	9.5	8.6	8.9	8.9	9.1		
Viscosity		27	31	28	50	54	50	56		
Water Loss					7.2	9.6	9.6	10.4		
Chlorides					7000	11,000	12,000	11,000		
L.C.M.					.5#	1/2#	1.5#	1#		
Dev. Sur		1/2°-303'	2490-1°	2960-1°	3544-1°				2°-4700	
Dev. Sur		1/2°984'	2020-1°							
Fuel	1017	3729	3334	2938	2543	2204	1865	1469	1243	
Water-Pit	full	2.5'	2.5'	2.5'	full	3'	2.5'	2.5'		
ACC Bit Hrs.		9.25	31	52.25	70.25	86	93.5	112.25		
Formation	sd-sh	sd-sh	sh-sd	sh-lm	sh-lm	sh-lm	sh-lm	sh-lm		
Weather	clear	clear	clear	foggy	pcloudy	p/cloudy	p/cloudy	clear	p/cloudy	

No.	Size	Type	Out	Ft.	Hrs.	Cum Hrs.	Bit Cond	Serial #	Tops
1	12 1/4	Smith	303	303	3.25	3.25	RR	RB 9696	
2	7 7/8	Sm - F-27	4700	4397	112.25	115.5	New	RH 1880	
3								40.6 FPH	
4									

DEPTH	SIZE	SACKS	CEMENT MATERIAL	PLUG DOWN	DRILLED OUT	REMARKS
303	8 5/8	200	Common, 3% cc, 2% gel	1:00 PM	9:00 PM	Consolidated - did circulate
	plugged	240	60/40 poz-4% gel-1/4# flo-seal	7:45 PM	9/11/15	Allied Cementing

NO	INTERVAL	OPEN	SHUT	OPEN	SHUT	RECOVERY
1	4326-4392	30	30	30	30	45' mud
2						
3						50sx @ 2390'
4						100sx @ 1215'
5						50sx @ 350'
6						10sx @ 40'
7						30sx rathole
8						
9						

Surface Casing Furnished by: 7 joints of 8 5/8 23#, tally 295.09', set @ 302.09'

Remarks: Strap & weld surface by WW Drlg - Lane, Anhydrite 2375-2396, Lost Returns @ 3062 200 BBL (1hr), Displaced @ 3412 720 BBL, Short Trip @ 3954' 30 stands (2hrs) & @ 4392', 23 stands (1.5 hrs). Pipe strap 2.09 short. RTD 4700'. Short trip 5 stands (.5 hr). LTD 4696' by Pioneer, logged 2.75 hrs. Plug hole as ordered by Marvin Mills. Plug down @ 7:45 pm, 9/11/15. Release rig @ 11:45 pm, 9/11/15.