



WELL DATA				
NAME	LICENSE #	COST CENTRE	UWI	LOCATION
Thorsby 100/16-11-051-02W5/00 (S14-03)	0502001	WL2450239	100/16-11-051-02W5/00	Thorsby / Thorsby AB, Canada
COMPLETIONS DETAIL				
NAME	COMPLETIONS TYPE	START DATE	FINISH DATE	
Pump Change	Open Hole	2022-09-13	2022-09-21	
OBJECTIVE				
Pump change				
JOB SUMMARY				
Ran bailer # 6 to 2745.05mKb. Thru top 20 sleeves.				
Ran new 59-1800 pump.				

DRILLING DATA										
DRILLING GENERAL										
EVENT	DRILLING START	SPUD DATE	RELEASE DATE	AFE NUMBER	AFE \$					
Initial Completions	2022-06-10 00:00	2022-01-19 16:00	2022-01-30 23:59	22CP0009	\$1,919,760.00					
SURFACE HOLE										
DLS POINT		COORDINATES		LATITUDE	LONGITUDE					
14-03-051-02W5		65.00 m SOUTH by 726.40 m EAST		53.38085400	-114.21234200					
WELLBORES										
Original Hole										
START		END								
2022-01-19		2022-01-30								
BOTTOM POINT		COORDINATES		LATITUDE	LONGITUDE					
100/16-11-051-02W5/00		0.00 m by 0.00 m		53.38085400	-114.21234200					
UWI										
100/16-11-051-02W5/00										
KICKOFF	HEEL	PROJECTED	MEASURED	TVD	LOGGER					
1,007.00 m	1,615.00 m	4,202.00 m	4,088.00 m	611.56 m	0.00 m					
DRILLING ELEVATIONS										
SURVEYED	CUT / FILL	GROUND	KB > GROUND	KB	CF > GROUND	CF				
742.30 m	-0.29 m	742.01 m	5.50 m	747.51 m	0.00 m	742.01 m				
BRIDGE PLUG										
MANUFACTURER		MODEL	SET DEPTH		BACK DEPTH					
			-		-					
SURFACE										
LANDED AT 271.00 m										
#	CODE	DESCRIPTION	COND	OD	DRIFT	WEIGHT	GRADE	LENGTH	TOP	
				(mm)	(mm)	(kg/m)		(m)	(mKB)	
1	S02	Float Shoe	New	244.5	0.0	0.00		0.49	270.51	
1	S03	Casing Joint	New	244.5	226.6	53.67	J55	11.33	259.18	
1	S01	Float Collar	New	244.5	0.0	0.00		0.37	258.81	
23	S03	Casing Joint	New	244.5	226.6	53.67	J55	259.69	-0.88	
CEMENT										
AMOUNT	TYPE	DESCRIPTION			VOLUME	YIELD	% EXCESS	EST TOP	RETURNS	DENSITY
	(t)				(m³)	(m³/t)	(%)	(m)	(m³)	(kg/m³)
15.00	OTHER	TSC 1700-S Bulk Cement			14.09	0.9390	80.00	0.00	4.50	1,700
0.4% TLA, 0.4% AFA-7, 2% Calcium Chloride.										
CEMENT DATE		HOLE DEPTH		HOLE SIZE	STICK UP	LANDED AT		FLOAT COLLAR		
2022-01-20		271.00 m		311.00 mm	0.88 m	271.00 m		259.18 m		
INTERMEDIATE										
LANDED AT 1,615.00 m										
#	CODE	DESCRIPTION	COND	OD	DRIFT	WEIGHT	GRADE	LENGTH	TOP	
				(mm)	(mm)	(kg/m)		(m)	(mKB)	
1	I01	Float Shoe	New	0.0	0.0	0.00		0.50	1,614.50	
1	I03	Casing Joint	New	177.8	161.7	34.23	P-110	13.84	1,600.66	
1	I02	Float Collar	New	0.0	0.0	0.00		0.41	1,600.25	
130	I03	Casing Joint	New	177.8	161.7	34.23	P-110	1,601.03	-0.78	
CEMENT										
AMOUNT	TYPE	DESCRIPTION			VOLUME	YIELD	% EXCESS	EST TOP	RETURNS	DENSITY
	(t)				(m³)	(m³/t)	(%)	(m)	(m³)	(kg/m³)
1.42	SCAVENG ER				3.00	2.1200	0.00	0.00	3.00	1,300
2% OGC-60 + 4% AFA-7										
14.57	OTHER	Titanium 1400-S			23.20	1.5920	90.00	0.00	9.00	1,400
2% OGC-60 + 4% AFA-7										
16.00	OTHER	T.A.C.-S			17.04	1.0650	90.00	990.00	0.00	1,600

0.2% AFA-7 + 0.4% TWR-4 + 0.5% Gel + 0.2% TDH-2 + 0.2% CFR-12

CEMENT DATE 2022-01-24	HOLE DEPTH 1,615.00 m	HOLE SIZE 222.00 mm	STICK UP 0.78 m	LANDED AT 1,615.00 m	FLOAT COLLAR 1,600.66 m
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PRODUCTION				LANDED AT 4,078.00 m		
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#	CODE	DESCRIPTION	COND	OD (mm)	DRIFT (mm)	WEIGHT (kg/m)	GRADE	LENGTH (m)	TOP (mKB)
1	P01	Guide Shoe - Re entry guide		0.0	0.0	0.00		0.27	4,077.73
1	P02	Pup Joint		114.3	0.0	20.09		1.85	4,075.88
1	P03	Float Collar		114.3	0.0	0.00		0.30	4,075.58
1	P02	Pup Joint		114.3	0.0	20.09		1.86	4,073.72
1	P12	Secondary Float Collar		114.3	0.0	0.00		0.30	4,073.42
1	P02	Pup Joint		114.3	0.0	20.09		1.86	4,071.56
1	P04	Landing Collar - Wiper Dart Landing collar		114.3	0.0	0.00		0.48	4,071.08
1	P02	Pup Joint		114.3	0.0	20.09		1.86	4,069.22
1	P05	Casing Joint	New	114.3	99.6	20.09	P-110	13.38	4,055.84
1	P06	Toe Port - Interra (41.3mpa)		114.3	0.0	20.09	P110	0.55	4,055.29
1	P05	Casing Joint	New	114.3	99.6	20.09	P-110	13.17	4,042.12
1	P06	Toe Port - Interra (41.3mpa)		114.3	0.0	20.09	P110	0.55	4,041.57
1	P05	Casing Joint	New	114.3	99.6	20.09	P-110	13.38	4,028.19
1	P02	Pup Joint		114.3	0.0	20.09		6.30	4,021.89
1	P07	Frac Sleeve - MultiCycle	New	114.3	0.0	20.09	P-110	1.11	4,020.78
1	P02	Pup Joint		114.3	0.0	20.09		6.72	4,014.06
2	P05	Casing Joint	New	114.3	99.6	20.09	P-110	26.54	3,987.52
1	P02	Pup Joint		114.3	0.0	20.09		6.30	3,981.22
1	P07	Frac Sleeve - MultiCycle	New	114.3	0.0	20.09	P-110	1.11	3,980.11
1	P02	Pup Joint		114.3	0.0	20.09		6.75	3,973.36
2	P05	Casing Joint	New	114.3	99.6	20.09	P-110	25.52	3,947.84
1	P02	Pup Joint		114.3	0.0	20.09		6.30	3,941.54
1	P07	Frac Sleeve - MultiCycle	New	114.3	0.0	20.09	P-110	1.11	3,940.43
1	P02	Pup Joint		114.3	0.0	20.09		6.68	3,933.75
2	P05	Casing Joint	New	114.3	99.6	20.09	P-110	26.76	3,906.99
1	P02	Pup Joint		114.3	0.0	20.09		6.30	3,900.69
1	P07	Frac Sleeve - MultiCycle	New	114.3	0.0	20.09	P-110	1.11	3,899.58
1	P02	Pup Joint		114.3	0.0	20.09		6.55	3,893.03
2	P05	Casing Joint	New	114.3	99.6	20.09	P-110	26.59	3,866.44
1	P02	Pup Joint		114.3	0.0	20.09		6.30	3,860.14
1	P07	Frac Sleeve - MultiCycle	New	114.3	0.0	20.09	P-110	1.11	3,859.03
1	P02	Pup Joint		114.3	0.0	20.09		6.73	3,852.30
2	P05	Casing Joint	New	114.3	99.6	20.09	P-110	26.60	3,825.70
1	P02	Pup Joint		114.3	0.0	20.09		6.30	3,819.40
1	P07	Frac Sleeve - MultiCycle	New	114.3	0.0	20.09	P-110	1.11	3,818.29
1	P02	Pup Joint		114.3	0.0	20.09		6.65	3,811.64
2	P05	Casing Joint	New	114.3	99.6	20.09	P-110	26.75	3,784.89
1	P02	Pup Joint		114.3	0.0	20.09		6.30	3,778.59
1	P07	Frac Sleeve - MultiCycle	New	114.3	0.0	20.09	P-110	1.11	3,777.48
1	P02	Pup Joint		114.3	0.0	20.09		6.54	3,770.94
2	P05	Casing Joint	New	114.3	99.6	20.09	P-110	26.76	3,744.18
1	P02	Pup Joint		114.3	0.0	20.09		6.30	3,737.88
1	P07	Frac Sleeve - MultiCycle	New	114.3	0.0	20.09	P-110	1.11	3,736.77
1	P02	Pup Joint		114.3	0.0	20.09		6.74	3,730.03
2	P05	Casing Joint	New	114.3	99.6	20.09	P-110	26.44	3,703.59
1	P02	Pup Joint		114.3	0.0	20.09		6.30	3,697.29
1	P07	Frac Sleeve - MultiCycle	New	114.3	0.0	20.09	P-110	1.11	3,696.18
1	P02	Pup Joint		114.3	0.0	20.09		6.58	3,689.60
2	P05	Casing Joint	New	114.3	99.6	20.09	P-110	26.38	3,663.22
1	P02	Pup Joint		114.3	0.0	20.09		6.30	3,656.92
1	P07	Frac Sleeve - MultiCycle	New	114.3	0.0	20.09	P-110	1.11	3,655.81
1	P02	Pup Joint		114.3	0.0	20.09		6.69	3,649.12
2	P05	Casing Joint	New	114.3	99.6	20.09	P-110	26.51	3,622.61
1	P02	Pup Joint		114.3	0.0	20.09		6.30	3,616.31
1	P07	Frac Sleeve - MultiCycle	New	114.3	0.0	20.09	P-110	1.11	3,615.20
1	P02	Pup Joint		114.3	0.0	20.09		6.81	3,608.39
2	P05	Casing Joint	New	114.3	99.6	20.09	P-110	26.59	3,581.80
1	P02	Pup Joint		114.3	0.0	20.09		6.30	3,575.50
1	P07	Frac Sleeve - MultiCycle	New	114.3	0.0	20.09	P-110	1.11	3,574.39
1	P02	Pup Joint		114.3	0.0	20.09		6.63	3,567.76
2	P05	Casing Joint	New	114.3	99.6	20.09	P-110	26.44	3,541.32
1	P02	Pup Joint		114.3	0.0	20.09		6.30	3,535.02
1	P07	Frac Sleeve - MultiCycle	New	114.3	0.0	20.09	P-110	1.11	3,533.91
1	P02	Pup Joint		114.3	0.0	20.09		6.57	3,527.34
2	P05	Casing Joint	New	114.3	99.6	20.09	P-110	26.76	3,500.58
1	P02	Pup Joint		114.3	0.0	20.09		6.30	3,494.28
1	P07	Frac Sleeve - MultiCycle	New	114.3	0.0	20.09	P-110	1.11	3,493.17
1	P02	Pup Joint		114.3	0.0	20.09		6.65	3,486.52
2	P05	Casing Joint	New	114.3	99.6	20.09	P-110	26.59	3,459.93
1	P02	Pup Joint		114.3	0.0	20.09		6.30	3,453.63
1	P07	Frac Sleeve - MultiCycle	New	114.3	0.0	20.09	P-110	1.11	3,452.52
1	P02	Pup Joint		114.3	0.0	20.09		6.50	3,446.02
2	P05	Casing Joint	New	114.3	99.6	20.09	P-110	26.61	3,419.41
1	P02	Pup Joint		114.3	0.0	20.09		6.30	3,413.11
1	P07	Frac Sleeve - MultiCycle	New	114.3	0.0	20.09	P-110	1.11	3,412.00
1	P02	Pup Joint		114.3	0.0	20.09		6.75	3,405.25

2	P05	Casing Joint	New	114.3	99.6	20.09	P-110	26.45	3,378.80
1	P02	Pup Joint		114.3	0.0	20.09		6.30	3,372.50
1	P07	Frac Sleeve - MultiCycle	New	114.3	0.0	20.09	P-110	1.11	3,371.39
1	P02	Pup Joint		114.3	0.0	20.09		6.75	3,364.64
2	P05	Casing Joint	New	114.3	99.6	20.09	P-110	26.30	3,338.34
1	P02	Pup Joint		114.3	0.0	20.09		6.30	3,332.04
1	P07	Frac Sleeve - MultiCycle	New	114.3	0.0	20.09	P-110	1.11	3,330.93
1	P02	Pup Joint		114.3	0.0	20.09		6.61	3,324.32
2	P05	Casing Joint	New	114.3	99.6	20.09	P-110	26.74	3,297.58
1	P02	Pup Joint		114.3	0.0	20.09		6.30	3,291.28
1	P07	Frac Sleeve - MultiCycle	New	114.3	0.0	20.09	P-110	1.11	3,290.17
1	P02	Pup Joint		114.3	0.0	20.09		6.51	3,283.66
2	P05	Casing Joint	New	114.3	99.6	20.09	P-110	26.49	3,257.17
1	P02	Pup Joint		114.3	0.0	20.09		6.30	3,250.87
1	P07	Frac Sleeve - MultiCycle	New	114.3	0.0	20.09	P-110	1.11	3,249.76
1	P02	Pup Joint		114.3	0.0	20.09		6.75	3,243.01
2	P05	Casing Joint	New	114.3	99.6	20.09	P-110	26.44	3,216.57
1	P02	Pup Joint		114.3	0.0	20.09		6.30	3,210.27
1	P07	Frac Sleeve - MultiCycle	New	114.3	0.0	20.09	P-110	1.11	3,209.16
1	P02	Pup Joint		114.3	0.0	20.09		6.62	3,202.54
2	P05	Casing Joint	New	114.3	99.6	20.09	P-110	26.60	3,175.94
1	P02	Pup Joint		114.3	0.0	20.09		6.30	3,169.64
1	P07	Frac Sleeve - MultiCycle	New	114.3	0.0	20.09	P-110	1.11	3,168.53
1	P02	Pup Joint		114.3	0.0	20.09		6.59	3,161.94
2	P05	Casing Joint	New	114.3	99.6	20.09	P-110	26.76	3,135.18
1	P02	Pup Joint		114.3	0.0	20.09		6.30	3,128.88
1	P07	Frac Sleeve - MultiCycle	New	114.3	0.0	20.09	P-110	1.11	3,127.77
1	P02	Pup Joint		114.3	0.0	20.09		6.57	3,121.20
2	P05	Casing Joint	New	114.3	99.6	20.09	P-110	26.60	3,094.60
1	P02	Pup Joint		114.3	0.0	20.09		6.30	3,088.30
1	P07	Frac Sleeve - MultiCycle	New	114.3	0.0	20.09	P-110	1.11	3,087.19
1	P02	Pup Joint		114.3	0.0	20.09		6.77	3,080.42
2	P05	Casing Joint	New	114.3	99.6	20.09	P-110	26.24	3,054.18
1	P02	Pup Joint		114.3	0.0	20.09		6.30	3,047.88
1	P07	Frac Sleeve - MultiCycle	New	114.3	0.0	20.09	P-110	1.11	3,046.77
1	P02	Pup Joint		114.3	0.0	20.09		6.66	3,040.11
2	P05	Casing Joint	New	114.3	99.6	20.09	P-110	26.53	3,013.58
1	P02	Pup Joint		114.3	0.0	20.09		6.30	3,007.28
1	P07	Frac Sleeve - MultiCycle	New	114.3	0.0	20.09	P-110	1.11	3,006.17
1	P02	Pup Joint		114.3	0.0	20.09		6.67	2,999.50
2	P05	Casing Joint	New	114.3	99.6	20.09	P-110	26.76	2,972.74
1	P02	Pup Joint		114.3	0.0	20.09		6.30	2,966.44
1	P07	Frac Sleeve - MultiCycle	New	114.3	0.0	20.09	P-110	1.11	2,965.33
1	P02	Pup Joint		114.3	0.0	20.09		6.62	2,958.71
2	P05	Casing Joint	New	114.3	99.6	20.09	P-110	26.70	2,932.01
1	P02	Pup Joint		114.3	0.0	20.09		6.30	2,925.71
1	P07	Frac Sleeve - MultiCycle	New	114.3	0.0	20.09	P-110	1.11	2,924.60
1	P02	Pup Joint		114.3	0.0	20.09		6.75	2,917.85
2	P05	Casing Joint	New	114.3	99.6	20.09	P-110	26.76	2,891.09
1	P02	Pup Joint		114.3	0.0	20.09		6.30	2,884.79
1	P07	Frac Sleeve - MultiCycle	New	114.3	0.0	20.09	P-110	1.11	2,883.68
1	P02	Pup Joint		114.3	0.0	20.09		6.64	2,877.04
2	P05	Casing Joint	New	114.3	99.6	20.09	P-110	26.59	2,850.45
1	P02	Pup Joint		114.3	0.0	20.09		6.30	2,844.15
1	P07	Frac Sleeve - MultiCycle	New	114.3	0.0	20.09	P-110	1.11	2,843.04
1	P02	Pup Joint		114.3	0.0	20.09		6.69	2,836.35
2	P05	Casing Joint	New	114.3	99.6	20.09	P-110	26.18	2,810.17
1	P02	Pup Joint		114.3	0.0	20.09		6.30	2,803.87
1	P07	Frac Sleeve - MultiCycle	New	114.3	0.0	20.09	P-110	1.11	2,802.76
1	P02	Pup Joint		114.3	0.0	20.09		6.52	2,796.24
2	P05	Casing Joint	New	114.3	99.6	20.09	P-110	26.60	2,769.64
1	P02	Pup Joint		114.3	0.0	20.09		6.30	2,763.34
1	P07	Frac Sleeve - MultiCycle	New	114.3	0.0	20.09	P-110	1.11	2,762.23
1	P02	Pup Joint		114.3	0.0	20.09		6.59	2,755.64
2	P05	Casing Joint	New	114.3	99.6	20.09	P-110	26.50	2,729.14
1	P02	Pup Joint		114.3	0.0	20.09		6.30	2,722.84
1	P07	Frac Sleeve - MultiCycle	New	114.3	0.0	20.09	P-110	1.11	2,721.73
1	P02	Pup Joint		114.3	0.0	20.09		6.63	2,715.10
2	P05	Casing Joint	New	114.3	99.6	20.09	P-110	26.16	2,688.94
1	P02	Pup Joint		114.3	0.0	20.09		6.30	2,682.64
1	P07	Frac Sleeve - MultiCycle	New	114.3	0.0	20.09	P-110	1.11	2,681.53
1	P02	Pup Joint		114.3	0.0	20.09		6.73	2,674.80
2	P05	Casing Joint	New	114.3	99.6	20.09	P-110	26.59	2,648.21
1	P02	Pup Joint		114.3	0.0	20.09		6.30	2,641.91
1	P07	Frac Sleeve - MultiCycle	New	114.3	0.0	20.09	P-110	1.11	2,640.80
1	P02	Pup Joint		114.3	0.0	20.09		6.71	2,634.09
2	P05	Casing Joint	New	114.3	99.6	20.09	P-110	26.46	2,607.63
1	P02	Pup Joint		114.3	0.0	20.09		6.30	2,601.33
1	P07	Frac Sleeve - MultiCycle	New	114.3	0.0	20.09	P-110	1.11	2,600.22
1	P02	Pup Joint		114.3	0.0	20.09		6.59	2,593.63
2	P05	Casing Joint	New	114.3	99.6	20.09	P-110	26.44	2,567.19
1	P02	Pup Joint		114.3	0.0	20.09		6.30	2,560.89
1	P07	Frac Sleeve - MultiCycle	New	114.3	0.0	20.09	P-110	1.11	2,559.78
1	P02	Pup Joint		114.3	0.0	20.09		6.65	2,553.13

2	P05	Casing Joint	New	114.3	99.6	20.09	P-110	25.73	2,527.40
1	P02	Pup Joint		114.3	0.0	20.09		6.30	2,521.10
1	P07	Frac Sleeve - MultiCycle	New	114.3	0.0	20.09	P-110	1.11	2,519.99
1	P02	Pup Joint		114.3	0.0	20.09		6.65	2,513.34
2	P05	Casing Joint	New	114.3	99.6	20.09	P-110	26.75	2,486.59
1	P02	Pup Joint		114.3	0.0	20.09		6.30	2,480.29
1	P07	Frac Sleeve - MultiCycle	New	114.3	0.0	20.09	P-110	1.11	2,479.18
1	P02	Pup Joint		114.3	0.0	20.09		6.43	2,472.75
2	P05	Casing Joint	New	114.3	99.6	20.09	P-110	26.41	2,446.34
1	P02	Pup Joint		114.3	0.0	20.09		6.30	2,440.04
1	P07	Frac Sleeve - MultiCycle	New	114.3	0.0	20.09	P-110	1.11	2,438.93
1	P02	Pup Joint		114.3	0.0	20.09		6.74	2,432.19
2	P05	Casing Joint	New	114.3	99.6	20.09	P-110	26.43	2,405.76
1	P02	Pup Joint		114.3	0.0	20.09		6.30	2,399.46
1	P07	Frac Sleeve - MultiCycle	New	114.3	0.0	20.09	P-110	1.11	2,398.35
1	P02	Pup Joint		114.3	0.0	20.09		6.68	2,391.67
2	P05	Casing Joint	New	114.3	99.6	20.09	P-110	26.74	2,364.93
1	P02	Pup Joint		114.3	0.0	20.09		6.30	2,358.63
1	P07	Frac Sleeve - MultiCycle	New	114.3	0.0	20.09	P-110	1.11	2,357.52
1	P02	Pup Joint		114.3	0.0	20.09		6.67	2,350.85
2	P05	Casing Joint	New	114.3	99.6	20.09	P-110	26.74	2,324.11
1	P02	Pup Joint		114.3	0.0	20.09		6.30	2,317.81
1	P07	Frac Sleeve - MultiCycle	New	114.3	0.0	20.09	P-110	1.11	2,316.70
1	P02	Pup Joint		114.3	0.0	20.09		6.67	2,310.03
2	P05	Casing Joint	New	114.3	99.6	20.09	P-110	26.43	2,283.60
1	P02	Pup Joint		114.3	0.0	20.09		6.30	2,277.30
1	P07	Frac Sleeve - MultiCycle	New	114.3	0.0	20.09	P-110	1.11	2,276.19
1	P02	Pup Joint		114.3	0.0	20.09		6.63	2,269.56
2	P05	Casing Joint	New	114.3	99.6	20.09	P-110	26.74	2,242.82
1	P02	Pup Joint		114.3	0.0	20.09		6.30	2,236.52
1	P07	Frac Sleeve - MultiCycle	New	114.3	0.0	20.09	P-110	1.11	2,235.41
1	P02	Pup Joint		114.3	0.0	20.09		6.58	2,228.83
2	P05	Casing Joint	New	114.3	99.6	20.09	P-110	26.73	2,202.10
1	P02	Pup Joint		114.3	0.0	20.09		6.30	2,195.80
1	P07	Frac Sleeve - MultiCycle	New	114.3	0.0	20.09	P-110	1.11	2,194.69
1	P02	Pup Joint		114.3	0.0	20.09		6.53	2,188.16
2	P05	Casing Joint	New	114.3	99.6	20.09	P-110	26.75	2,161.41
1	P02	Pup Joint		114.3	0.0	20.09		6.30	2,155.11
1	P07	Frac Sleeve - MultiCycle	New	114.3	0.0	20.09	P-110	1.11	2,154.00
1	P02	Pup Joint		114.3	0.0	20.09		6.68	2,147.32
2	P05	Casing Joint	New	114.3	99.6	20.09	P-110	26.53	2,120.79
1	P02	Pup Joint		114.3	0.0	20.09		6.30	2,114.49
1	P07	Frac Sleeve - MultiCycle	New	114.3	0.0	20.09	P-110	1.11	2,113.38
1	P02	Pup Joint		114.3	0.0	20.09		6.68	2,106.70
2	P05	Casing Joint	New	114.3	99.6	20.09	P-110	26.50	2,080.20
1	P02	Pup Joint		114.3	0.0	20.09		6.30	2,073.90
1	P07	Frac Sleeve - MultiCycle	New	114.3	0.0	20.09	P-110	1.11	2,072.79
1	P02	Pup Joint		114.3	0.0	20.09		6.53	2,066.26
2	P05	Casing Joint	New	114.3	99.6	20.09	P-110	26.43	2,039.83
1	P02	Pup Joint		114.3	0.0	20.09		6.30	2,033.53
1	P07	Frac Sleeve - MultiCycle	New	114.3	0.0	20.09	P-110	1.11	2,032.42
1	P02	Pup Joint		114.3	0.0	20.09		6.35	2,026.07
2	P05	Casing Joint	New	114.3	99.6	20.09	P-110	26.60	1,999.47
1	P02	Pup Joint		114.3	0.0	20.09		6.30	1,993.17
1	P07	Frac Sleeve - MultiCycle	New	114.3	0.0	20.09	P-110	1.11	1,992.06
1	P02	Pup Joint		114.3	0.0	20.09		6.60	1,985.46
2	P05	Casing Joint	New	114.3	99.6	20.09	P-110	26.74	1,958.72
1	P02	Pup Joint		114.3	0.0	20.09		6.30	1,952.42
1	P07	Frac Sleeve - MultiCycle	New	114.3	0.0	20.09	P-110	1.11	1,951.31
1	P02	Pup Joint		114.3	0.0	20.09		6.76	1,944.55
28	P05	Casing Joint	New	114.3	99.6	20.09	P-110	370.55	1,574.00
1	P02	Pup Joint		114.3	0.0	20.09		1.85	1,572.15
1	P08	Liner Hanger Assembly - Primaset		114.3	0.0	0.00		1.93	1,570.22
1	P09	Receptacle - Polish bore receptical		0.0	0.0	0.00		3.64	1,566.58
1	P10	Other - Setting Tool		0.0	0.0	0.00		2.55	1,564.03

## CEMENT

AMOUNT TYPE (t)	DESCRIPTION	VOLUME (m³)	YIELD (m³/t)	% EXCESS (%)	EST TOP (m)	RETURNS (m³)	DENSITY (kg/m³)
1.88	SCAVENG ER	3.00	1.5950	0.00	0.00	3.00	1,400
0.2%	AFA-7 + 0.4% TWR-4 + 0.5% Gel + 0.2% TDH-2 + 0.2% CFR-12						
38.12	OTHER T.A.C-S	40.60	1.0650	60.00	0.00	9.00	1,600
0.2%	AFA-7 + 0.4% TWR-4 + 0.5% Gel + 0.2% TDH-2 + 0.2% CFR-12						
CEMENT DATE 2022-01-29	HOLE DEPTH 4,076.00 m	HOLE SIZE 159.00 mm	STICK UP -1,564.03 m	LANDED AT 4,078.00 m	FLOAT COLLAR 4,075.88 m		

TIE BACK // RUN 2022-01-30

LANDED AT 1,566.55 m

#	CODE	DESCRIPTION	COND	OD (mm)	DRIFT (mm)	WEIGHT (kg/m)	GRADE	LENGTH (m)	TOP (mKB)
1	T02	Receptacle		0.0	0.0	0.00		3.64	1,562.91
1	T03	Other - LATCH		0.0	0.0	0.00		1.30	1,561.61
115	T01	Casing Joint		114.3	96.4	20.09	P110	1,539.05	22.56



Pump Change Summary

Thorsby 100/16-11-051-02W5/00 (S14-03) • 100/16-11-051-02W5/00 • #0502001



3	T04	Pup Joint	114.3	96.4	20.09	P-110	8.00	14.56
1	T01	Casing Joint	114.3	96.4	20.09	P110	13.39	1.17
3	T04	Pup Joint	114.3	96.4	20.09	P-110	1.02	0.15
1	T05	Other - Tubing hanger	0.0	0.0	0.00		0.15	0.00

CASING BOWL			
TYPE	MAKE	SERIAL #	CASING SIZE
WORK PRESSURE	WEIGHT LANDED	NOMINAL SIZE	SLIP & SEAL ASSM
		-	

PUMP CHANGE DETAILS						
COSTS					BOTTOM HOLE	
FORECAST	AFE NUMBER	AFE \$	ITEMIZED TOTAL	COMPLETIONS TOTAL	ESTIMATED TEMP	ESTIMATED PRESS
	22WO0037	\$0.00	\$189,742.99	\$189,742.99	-	-
ELEVATIONS					ESTIMATED H2S	ESTIMATED CO2
GROUND	KB > GROUND	KB	CF > GROUND	CF	-	-
742.01 m	5.50 m	747.51 m	0.00 m	742.01 m		
TH > GROUND	KB > TH	DH > GROUND	KB > DH		DAILY STATISTICS	
0.60 m	4.90 m	0.00 m	5.50 m		TOTAL RENTALS	RIG TIME
PERSONNEL					MAN HOURS	% COMPLETE
TITLE	NAME	CONTACT			0.00 hr	0.00%
Consultant	Dustin Kreiser	403-502-4023				
Operations Manager	Kevin Saizew	403-999-8087				
COMPLETIONS RIGS						
CONTRACTOR	#	START	RELEASE			
CWC	296	2022-09-13	2022-09-21			
FLUIDS						
FLUID	TANK	TO WELL	FROM WELL	IN WELL		
LOAD FLUID		0.00 m³		0.00 m³		
Produced water	0.00 m³	210.00 m³	0.00 m³	210.00 m³		
TOTAL		210.00 m³	0.00 m³			
RECENT DAILY OPERATIONS - 2022-09-21						
DAILY STATUS						
Ran cord, rigged out						
24 HOUR SUMMARY						
Rigged in Amped gripper unit.						
Ran new 59-1800 rotor on original 28.6mm Prorod						
Spaced out and installed top drive.						
Rigged out SR and support equipment.						
NEXT 24 HOURS						
Turned well over to operations.						