

Rod Part Summary

WELL DATA				
NAME	LICENSE #	COST CENTRE	UWI	LOCATION
BLACKSPUR HZ LEDUC-WB 16-11-51-2 - Leo #4	0502001	TBD	100/16-11-051-02W5/00	LEDUC-WB AB, Canada
COMPLETIONS DETAIL				
NAME	COMPLETIONS TYPE	START DATE	FINISH DATE	
Rod Part	Cemented Sleeve	2023-11-05		
OBJECTIVE				
Rotor /Stator, repair parted rods				
JOB SUMMARY				
KB-THF: 4.90m				
1 - 177mm x 89mm TC style TBG hanger - 0.15m				
127 - 89mm J-55 8rd EUE Evraz TBG JTS - 1216.40m				
*12 - 88.9mm x 13.84 x J-55 111.9m				
(ZERO COR 100 TUBING) HANDLE WITH CARE.				
1 - 89mm 6' Boronized pup joint - 1.88m				
1 - Weatherford 59-1800 Stator w/ tag bar -HN314 10807829-418965 XL 300-30				
SERIAL #E10807829-418965				
1 - 177mm x 89mm 5 blade CTA NTT - 0.70m				
ANCHOR, TORQUE CTA XB 7.000 CSG X 3.500 EUE CS 28-7035-00				
SERIAL #296417				
1 - 89mm 6' handling pup - 1.89m				
1 - 89mm x 73mm bottleneck XO - 0.14m				
1 - Spirit Hybrid X 2 piece gas separator - 5.78m				
88.9mm x 73mm x 114.3mm x 73mm				
1 - 73mm x 89mm Fishneck XO - 0.15m				
5 - 89mm Blueband tail joints - 47.97m				
1 - 89mm solid bull plug and collar - 0.25m				
Landed hanger with pup and TI valve in place.				
139 joints to pump top				
144 full joints in well				
Pump top: 1330.19mKb <> 49 deg INC <> 1284m TVD				
Pump btm: 1340.90mKb <> 50 deg INC <> 1290m TVD				
Bull plug landed at: 1397.7mKb <> 64 deg INC <> 1321m TVD				
Liner top: 1570.22mKb <> 86 deg INC <> 1364m TVD				
Spider Oilfield repair 780M Pro Rod string, cut to 350 off and installed 350m NEW 780M Pro-Rod.				
Weld to spec and spooled back onto real				
RIH with NEW 59-1800 rotor and 780M Pro-Rod string:				
*1 - Weatherford 59-1800 rotor, WFT 59-1800 415708 XL.				
*1297m x 28.6 mm ProRod Grade "780M" Co-rod, 25.4 mm pins, good condition.				
*2 - 25.4 mm x 31.75 mm, Grade "D", PLAIN sucker rods.				
*3- 25.4 mm x 31.75 mm, Grade "D", PLAIN pony rods, 4-ft / .				
*1 - 31.75 mm x 12.2 m 4140 polished rod, 22.2 mm pins,				
Spaced out and installed Weatherford, MGX DS500, drive head (#319995820) Clamped off rod string with 8 bolt lock with the Tag and Pick up Rotor to string weight 34" off tag bar,				
Space out 29" off tag bar.				

DRILLING DATA									
DRILLING GENERAL									
EVENT	DRILLING START	SPUD DATE	RELEASE DATE	AFE NUMBER	AFE \$				
Workover	2023-10-24 00:00	2022-01-19 16:00	2022-01-30 23:59	230P0049	\$0.00				
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	VOLUME	YIELD	% EXCESS	EST TOP	RETURNS	DENSITY
(t)		(m ³)	(m ³ /t)	(%)	(m)	(m)	(kg/m ³)
15.00	TSC 1700-S Bulk Cement	14.09	0.9390	80.00	0.00	4.50	1,700

ADDITIVES
0.4% TLA, 0.4% AFA-7, 2% Calcium Chloride.

CEMENT DATE 2022-01-20	HOLE DEPTH 271.00 m	HOLE SIZE 311.00 mm	STICK UP 0.88 m	LANDED AT 271.00 m	FLOAT COLLAR 259.18 m
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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	VOLUME	YIELD	% EXCESS	EST TOP	RETURNS	DENSITY
(t)		(m ³)	(m ³ /t)	(%)	(m)	(m)	(kg/m ³)
1.42	Scavenger	3.00	2.1200	0.00	0.00	3.00	1,300

ADDITIVES
2% OGC-60 + 4% AFA-7

14.57	Titanium 1400-S	23.20	1.5920	90.00	0.00	9.00	1,400
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ADDITIVES
2% OGC-60 + 4% AFA-7

16.00	T.A.C.-S	17.04	1.0650	90.00	990.00	0.00	1,600
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ADDITIVES
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

#	CODE	DESCRIPTION	COND	OD	DRIFT	WEIGHT	GRADE	LENGTH	TOP
				(mm)	(mm)	(kg/m)		(m)	(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	VOLUME	YIELD	% EXCESS	EST TOP	RETURNS	DENSITY		
	(t)		(m³)	(m³/t)	(%)	(m)	(m³)	(kg/m³)	
1.88	Scavenger	3.00	1.5950	0.00	0.00	3.00	1,400		
ADDITIVES									
0.2% AFA-7 + 0.4% TWR-4 + 0.5% Gel + 0.2% TDH-2 + 0.2% CFR-12									
38.12	T.A.C-S	40.60	1.0650	60.00	0.00	9.00	1,600		
ADDITIVES									
0.2% AFA-7 + 0.4% TWR-4 + 0.5% Gel + 0.2% TDH-2 + 0.2% CFR-12									
CEMENT DATE		HOLE DEPTH		HOLE SIZE		STICK UP		LANDED AT	
2022-01-29		4,076.00 m		159.00 mm		-1,564.03 m		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	DRIFT	WEIGHT	GRADE	LENGTH	TOP
				(mm)	(mm)	(kg/m)		(m)	(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
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
		-	

ROD PART DETAILS						
COSTS					BOTTOM HOLE	
FORECAST	AFE NUMBER	AFE \$	ITEMIZED TOTAL	COMPLETIONS TOTAL	ESTIMATED TEMP	ESTIMATED PRESS
	23OP0051	\$0.00	\$135,878.08	\$135,878.08	-	-
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	DAILY STATISTICS	
TH > GROUND	KB > TH	DH > GROUND	KB > DH		TOTAL RENTALS	RIG TIME
0.60 m	4.90 m	0.00 m	5.50 m		\$0.00	0.00 hr
PERSONNEL					MAN HOURS	% COMPLETE
TITLE	NAME	CONTACT			0.00 hr	0.00%
VP of Operations	Graham Veale	403-809-6684				
Completions Consultant	Wayne Vandergaag	403-318-1915				
COMPLETIONS RIGS						
CONTRACTOR	#	START	RELEASE			
Brandette WellService	8	2023-11-05				
FLUIDS						
FLUID	TANK	TO WELL	FROM WELL	IN WELL		
LOAD FLUID		0.00 m³		0.00 m³		
Prod Water	0.00 m³	33.00 m³	-	33.00 m³		
TOTAL		33.00 m³	0.00 m³			
RECENT DAILY OPERATIONS - 2023-11-10						
DAILY STATUS						
RIH final production Stator tbg & 59-1800 rotor Cor-rod, drive head.						



24 HOUR SUMMARY

RIH final production
Stator tbg & 59-1800 rotor Cor-rod,
Space out 29' off tag bar.
Installed drive head

NEXT 24 HOURS

On production.



NAME	LICENSE #	UWI	LOCATION
BLACKSPUR HZ LEDUC-WB 16-11-51-2 - Leo #4	0502001	100/16-11-051-02W5/00	LEDUC-WB AB, Canada

EMERGENCY CONTACTS
MUST be posted for ALL workers to access

WELL DATA					
NAME	LICENSE #	LOCATION	EVENT	AFE NUMBER	AFE AMOUNT
BLACKSPUR HZ LEDUC-WB 16-11-51-2 - Leo #4	0502001	100/16-11-051-02W5/00	Rod Part	23OP0051	\$0.00
COMPLETION TYPE	START DATE	END DATE	OBJECTIVE		
Cemented Sleeve	2023-11-05		Rotor /Stator, repair parted rods		
NOTE: The DAILY COST column represents all costs including non-itemized, TOTAL DAILY represents only itemized costs for the day, and TOTAL is the running total of itemized costs only.					
COMPLETIONS DAILY REPORTS					
DATE	DAILY COST	TOTAL DAILY	TOTAL	SUMMARY	
2023-11-05	\$5,064.00	\$5,064.00	\$5,064.00	Move rig to locations. Spot rig matting Spot rig onto matting SDFN	
2023-11-06	\$16,601.75	\$16,601.75	\$21,665.75	MIRU Brandette rig 8 and Savanna Gripper unit. POOH weatherford corod string RIH Dual 28.6mm grapple and recover fish. POOH inspect , lost dual grapples down hole. RIH 28.6mm cocor and latched, POOH recover Dual grappels Secure well SDFN	
2023-11-07	\$16,791.91	\$16,791.91	\$38,457.66	Weld new 25.4MM (1") COROD pin end on PRO-ROD X 28.6MM corod STRING. NOTE: 25.4MM PIN ROD SIZE WITH PRO-ROD WORN DOWN FROM 28.6MM RIH fish Rotor from Stator. POOH recover Rotor , break down, rig out release Savanna Corod gripple, spool and rod on location. ND wellhead , Installed BOP,s secure well. SDFN	
2023-11-08	\$34,522.82	\$34,522.82	\$72,980.48	Inspect out 88.8mm tbg x 13.84kg/m x J-55 Finger check internal for rod wear. Break down BHP , stator, NTT, Hybrid gas sep break down and clean, Vac unit clean tail pipe Service equipment. Shut down till friday prod install	
2023-11-10	\$62,897.60	\$62,897.60	\$135,878.08	RIH final production Stator tbg & 59-1800 rotor Cor-rod, Space out 29' off tag bar. Installed drive head	

WELL DATA									
LICENSE #	UWI		EVENT		AFE NUMBER		AFE \$		
0502001	100/16-11-051-02W5/00		Rod Part		23OP0051		\$0.00		
GROUND ELE	KB > GROUND	KB ELE	CF > GROUND	TH > GROUND	KB > TH	DH > GROUND	KB > DH		
742.01 m	5.50 m	747.51 m	0.00 m	0.60 m	4.90 m	0.00 m	5.50 m		
REPORT DETAILS									
REPORT DATE	PERCENT COMPLETE	RIG TIME	TOTAL RIG TIME		MAN HOURS		TOTAL MAN HOURS		
2023-11-10	-	-	0.00 hr		-		0.00 hr		
TOTAL TIME	NON-PRODUCTIVE	FLARE VOLUME	TOTAL DAILY FLARE		CASING PRESSURE		TUBING PRESSURE		
10.00 hr	0.00 hr	-	0.00 e³m³		-		-		
COSTS						DAILY RENTALS			
TOTAL DAILY	COMPL. TOTAL	TOTAL CUMULATIVE		COMPL. CUMULATIVE		TOTAL DAILY	COMPL. TOTAL		
\$62,897.60	\$62,897.60	\$135,878.08		\$135,878.08		\$0.00	\$0.00		
DAILY OPERATIONS						PERSONNEL			
DAILY STATUS RIH final production Stator tbg & 59-1800 rotor Cor-rod, drive head. 24 HOUR SUMMARY RIH final production Stator tbg & 59-1800 rotor Cor-rod, Space out 29' off tag bar. Installed drive head NEXT 24 HOURS On production.						VP OF OPERATIONS			
						Graham Veale 403-809-6684			
						COMPLETIONS CONSULTANT			
						Wayne Vandergaag 403-318-1915			
						COMPLETION RIGS			
						CONTRACTOR	#	START	RELEASE
						Brandette WellService	8	2023-11-05	
WEATHER									
GENERAL									
-									
ROAD CONDITION									
-									
TIME			TEMP						
			-						
TIME LOG									
FROM	TO	DUR	NPT CODE	DETAILS					
07:30	08:00	0.5 h		Held PJSM with crew, issued and reviewed Blackspur safe work permit. Reviewed job scope for day to rig up SR, kill well with produced water, pull rod string, Reviewed wellbore diagram and well kill procedures. Reviewed Amped PJSM / JSAs for applicable tasks.					
08:00	11:30	3.5 h		KB-THF: 4.90m 1 - 177mm x 89mm TC style TBG hanger - 0.15m 127 - 89mm J-55 8rd EUE Evraz TBG JTS - 1216.40m *12 - 88.9mm x 13.84 x J-55 111.9m (ZERO COR 100 TUBING) HANDLE WITH CARE. 1 - 89mm 6' Boronized pup joint - 1.88m 1 - Weatherford 59-1800 Stator w/ tag bar -HN314 10807829-418965 XL 300-30 SERIAL #E10807829-418965 1 - 177mm x 89mm 5 blade CTA NTT - 0.70m ANCHOR, TORQUE CTA XB 7.000 CSG X 3.500 EUE CS 28-7035-00 SERIAL #296417 1 - 89mm 6' handling pup - 1.89m 1 - 89mm x 73mm bottleneck XO - 0.14m 1 - Spirit Hybrid X 2 piece gas separator - 5.78m 88.9mm x 73mm x 114.3mm x 73mm 1 - 73mm x 89mm Fishneck XO - 0.15m 5 - 89mm Blueband tail joints - 47.97m 1 - 89mm solid bull plug and collar - 0.25m Landed hanger with pup and TI valve in place. 139 joints to pump top 144 full joints in well Pump top: 1330.19mKb <> 49 deg INC <> 1284m TVD Pump btm: 1340.90mKb <> 50 deg INC <> 1290m TVD Bull plug landed at: 1397.7mKb <> 64 deg INC <> 1321m TVD Liner top: 1570.22mKb <> 86 deg INC <> 1364m TVD Set tubing NTT and hold torque, lande 88.9mm tbg hanger, set lag screw.					
11:30	12:30	1.0 h		Spider Oilfield repair 780M Pro Rod string, cut to 350 off and installed 350m NEW 780M Pro-Rod. Weld to spec and spooled back onto reel. Cut up oil rod and load out TKO Rentals Rigged out floor and handling equipment N/D BOP,s racked out, Installed pumping wellhead assembly. Rigged in floor and handling equipment. Spider gripper on location					
12:30	16:00	3.5 h		Installed and function tested rod BOP, tested good. Rigged up Spider gripper unit and boom guide section. RIH with NEW 59-1800 rotor and 780M Pro-Rod string: *1 - Weatherford 59-1800 rotor, WFT 59-1800 415708 XL. *1297m x 28.6 mm ProRod Grade “780M” Co-rod, 25.4 mm pins, good condition. *2 - 25.4 mm x 31.75 mm, Grade “D”, PLAIN sucker rods. *3- 25.4 mm x 31.75 mm, Grade “D”, PLAIN pony rods, 10-ft/ 6-ft/4-ft / . *1 - 31.75 mm x 12.2 m 4140 polished rod, 22.2 mm pins, Spaced out and installed Weatherford, MGX DS500, drive head (#319995820) Clamped off rod string with 8 bolt lock					

with the
Tag and Pick up Rotor to string weight 34" off tag bar,
Space out 29" off tag bar.
Strip on drive head.
Installed brackets and turnbuckles securing drive head as required.

Operator on location well started up and producing inline
40-min fluids to surface at 100-rpm
LTR 33.0 m3 produced water.

3- 31.8mm x Norris D78 rods and 6-ponys left on location.
10-jts 88.9 mm x 13.84kg/m x J-55 from 16-5 battery
12-joint Zero-Core 100 NEW
350m of 780M Prod-rod (cut off to junk)

Vac unit clean rig tank and staining on location(Hydraulic from gripper line bust)

16:00 17:30 1.5 h

Rig down rig and support equipment 100%.
Location handed back to operations.

Move rig back to Base. Completed and End reports

DAILY FLUIDS

COMPANY	TICKET	SOURCE/DESTINATION	LEASE (m³)		WELL (m³)		REMAINING (m³)	
			TO	FROM	TO	FROM	TANK	WELL
Prod Water								
					9.00		0.00	33.00
		TODAY	0.00	0.00	9.00	0.00	-9.00 m³	9.00
		RUNNING	33.00	0.00	33.00	0.00	0.00	33.00

WELL DATA							
LICENSE #	UWI		EVENT		AFE NUMBER		AFE \$
0502001	100/16-11-051-02W5/00		Rod Part		23OP0051		\$0.00
GROUND ELE	KB > GROUND	KB ELE	CF > GROUND	TH > GROUND	KB > TH	DH > GROUND	KB > DH
742.01 m	5.50 m	747.51 m	0.00 m	0.60 m	4.90 m	0.00 m	5.50 m
REPORT DETAILS							
REPORT DATE	PERCENT COMPLETE	RIG TIME	TOTAL RIG TIME		MAN HOURS		TOTAL MAN HOURS
2023-11-08	-	-	0.00 hr		-		0.00 hr
TOTAL TIME	NON-PRODUCTIVE	FLARE VOLUME	TOTAL DAILY FLARE		CASING PRESSURE		TUBING PRESSURE
6.00 hr	0.00 hr	-	0.00 e³m³		-		-
COSTS					DAILY RENTALS		
TOTAL DAILY	COMPL. TOTAL	TOTAL CUMULATIVE		COMPL. CUMULATIVE	TOTAL DAILY	COMPL. TOTAL	
\$34,522.82	\$34,522.82	\$72,980.48		\$72,980.48	\$0.00	\$0.00	
DAILY OPERATIONS					PERSONNEL		
DAILY STATUS Inspect out 88.9mm tubing 24 HOUR SUMMARY Inspect out 88.8mm tbg x 13.84kg/m x J-55 Finger check internal for rod wear. Break down BHP , stator, NTT, Hybrid gas sep break down and clean, Vac unit clean tail pipe Service equipment. Shut down till friday prod install NEXT 24 HOURS Shut down					VP OF OPERATIONS		
					Graham Veale 403-809-6684		
					COMPLETIONS CONSULTANT		
					Wayne Vandergaag 403-318-1915		
					COMPLETION RIGS		
					CONTRACTOR	#	START RELEASE
					Brandette WellService	8	2023-11-05
WEATHER							
GENERAL							
-							
ROAD CONDITION							
-							
TIME		TEMP					
		-					
TIME LOG							
FROM	TO	DUR	NPT CODE	DETAILS			
07:30	08:00	0.5 h		Held PJSM with crew, issued and reviewed Blackspur safe work permit. Reviewed job scope for day to rig up SR, kill well with produced water, pull rod string, Reviewed wellbore diagram and well kill procedures. Reviewed Amped PJSM / JSAs for applicable tasks.			
				Review tubing inspect Stealth Inspection / Finger check for rod wear.			
08:00	13:30	5.5 h		POOH Stealth Inspection production string as follows: KB-THF: 4.90m 1 - 177mm x 89mm TC style TBG hanger - 0.15m 138 - 89mm J-55 8rd EUE Evraz TBG JTS - 1320.79m (Note: BTM 3 joints are Q2 wear resistant L80 joints, yellowband) 1 - 89mm 6' Boronized pup joint - 1.88m 1 - Weatherford 59-1800 Stator w/ tag bar -HN315 10600978-413901 XL-300-30, Ran at 6.7% EFF, 300 RPM, Full Lift, 967.00 ft/lbs torque - 10.71m 1 - 177mm x 89mm 5 blade CTA NTT - 0.70m 1 - 89mm 6' handling pup - 1.89m 1 - 89mm x 73mm bottleneck XO - 0.14m 1 - Spirit Hybrid X 2 piece gas separator - 5.78m 1 - 73mm x 89mm Fishneck XO - 0.15m 5 - 89mm Blueband tail joints - 47.97m 1 - 89mm solid bull plug and collar - 0.25m Landed hanger with pup and TI valve in place. 138 joints to pump top 143 full joints in well Pump top: 1327.72mKb <> 49 deg INC <> 1284m TVD Pump btm: 1338.41mKb <> 50 deg INC <> 1290m TVD Bull plug landed at: 1395.31mKb <> 64 deg INC <> 1321m TVD Liner top: 1570.22mKb <> 86 deg INC <> 1364m TVD Stealth Tubing inspection: Yellow:56 Blue: 61 Green: 18 from 870mkb to through build to 5-deg Red: 3 above PSN (Q2 hard coat) Break down BHA: VAC unit to clean out tail pipe. 5- tail joint with last joint full of sand Wash and clean out Hybrid Gas Sep , good condition. Orded in NEW Zero Core 100 12-jts 88.9 mm x J-55 x 13.84kg/m Pick up 10-joint YELLOW BAND TBG 88.9 mm x J-55 x 13.84kg/m from bone yard Move in unload NEW Weatherford Stator/Rotar/ 6-ft boranized pup. TKO haul out 21-jts 88.9 x J-55 Green & Red for junk credit.			
DAILY FLUIDS							
COMPANY	TICKET	SOURCE/DESTINATION		LEASE (m³)		WELL (m³)	
				TO	FROM	TO	FROM
Prod Water							
				TANK		WELL	



NOTE	flush tbg				5.00		-1.00	14.00
Wlif Brant Trucking	218041	5-27-49-1	20.00				19.00	14.00
					10.00		9.00	24.00
			TODAY	20.00	0.00	15.00	0.00	5.00 m³
			RUNNING	33.00	0.00	24.00	0.00	9.00
								24.00

WELL DATA									
LICENSE #	UWI		EVENT		AFE NUMBER		AFE \$		
0502001	100/16-11-051-02W5/00		Rod Part		23OP0051		\$0.00		
GROUND ELE	KB > GROUND	KB ELE	CF > GROUND	TH > GROUND	KB > TH	DH > GROUND	KB > DH		
742.01 m	5.50 m	747.51 m	0.00 m	0.60 m	4.90 m	0.00 m	5.50 m		
REPORT DETAILS									
REPORT DATE	PERCENT COMPLETE	RIG TIME	TOTAL RIG TIME		MAN HOURS		TOTAL MAN HOURS		
2023-11-07	-	-	0.00 hr		-		0.00 hr		
TOTAL TIME	NON-PRODUCTIVE	FLARE VOLUME	TOTAL DAILY FLARE		CASING PRESSURE		TUBING PRESSURE		
9.00 hr	0.00 hr	-	0.00 e³m³		-		-		
COSTS					DAILY RENTALS				
TOTAL DAILY	COMPL. TOTAL	TOTAL CUMULATIVE		COMPL. CUMULATIVE	TOTAL DAILY	COMPL. TOTAL			
\$16,791.91	\$16,791.91	\$38,457.66		\$38,457.66	\$0.00	\$0.00			
DAILY OPERATIONS					PERSONNEL				
DAILY STATUS Weld new pin end on corod 24 HOUR SUMMARY Weld new 25.4MM (1") COROD pin end on PRO-ROD X 28.6MM corod STRING. NOTE: 25.4MM PIN ROD SIZE WITH PRO-ROD WORN DOWN FROM 28.6MM RIH fish Rotor from Stator. POOH recover Rotor , break down, rig out release Savanna Corod gripple, spool and rod on location. ND wellhead , Installed BOP,s secure well. SDFN NEXT 24 HOURS MIRU Stelth inspection POOH.					VP OF OPERATIONS Graham Veale 403-809-6684				
					COMPLETIONS CONSULTANT Wayne Vandergaag 403-318-1915				
					COMPLETION RIGS				
					CONTRACTOR	#	START	RELEASE	
					Brandette WellService	8	2023-11-05		
					WEATHER				
GENERAL									
-									
ROAD CONDITION									
-									
TIME		TEMP							
		-							
TIME LOG									
FROM	TO	DUR	NPT CODE	DETAILS					
07:30	08:00	0.5 h		Help Pre Job Safety Meeting with the following discussed: *Use spotters while reversing spotters to be in view of the driver at all times and spotter to be wearing HiViz clothing *Do not pass under suspended objects, use tag lines on over head loads. *Hand and finger placement, good communication. Discuss ERP placement roles and responsibilities					
08:00	10:00	2.0 h		Welder MIRU , slip and cut 30m off of 28.6mm 1290m Pre-Rods string , left 1260m Pro-Rod. Gauged Pro-rod string and worn down to 25.4mm , NEW pin end 25.4mm , weld up corod as per OEM specifications.					
10:00	14:00	4.0 h		Made up RIH 73mm x 28.6 mm grapple , 4-Ft pony, 2-Ft scraped x 73mm , 2- 31.75mm plain rods, 1260 m 28.6mm Pro-Rod , 4 x 25.4mm plain rods. 1 x 25.4mmplain rods , tag 1.50m in on. EST 1313 Mkb NOTE GUAGED IN RODS STRING WITH 1 1/16 WRENCH AND RAN TO 270 METER WITH UNDERSIZED PRO-ROD 25.4MM . EST 950M GOOD ON 1260M STRING. Latched rotor with string weight increase for 8,500daN to 10,500 daN. Pull out of stator with confirmed latch and back spin fluids flush by. POOH rod/corod string assembly. Racked out Savanna WS, spool on location with 1260m x 28.6mm 780M Pro-Rods. NOTE slip and cut 300m to good Pro-Rod if re-used and new Pin End. Break down and recovered BHA rotor. 10.80m length, Inspect break and rotor. Appear to be used weld on pin end with weld 34 inches up string from pin end. External wear at pin end. Bottom end rotor good condition.					
14:00	16:30	2.5 h		BOPs stump tested on blinds and 89mm TI valve to 1.4MPa & 14MPa for 10 min each, held 100%. R&R well pressures, TSTM both sides. Casing bled to 0kPa in less than 5 minutes. NDWH & Flowline, capped up flowline, installed pup with TI valve in hanger. Stripped on class III BOP stack and secured to flange R-45 x 177.8mm TBG head. Pressure tested hanger, ring seal, 89mm pipe rams to 1.4MPa & 14MPa for 10 min each, held 100%. Function tested BOPs and accumulator, both working correctly Secure well SDFN. Confirmed services and timing for morning tbg inspection.					
DAILY FLUIDS									
COMPANY	TICKET	SOURCE/DESTINATION	LEASE (m³)		WELL (m³)		REMAINING (m³)		
			TO	FROM	TO	FROM	TANK	WELL	
Prod Water									
			TODAY	0.00	0.00	0.00	0.00	0.00 m³	0.00
			RUNNING	13.00	0.00	9.00	0.00	4.00	9.00

WELL DATA										
LICENSE #	UWI		EVENT		AFE NUMBER		AFE \$			
0502001	100/16-11-051-02W5/00		Rod Part		23OP0051		\$0.00			
GROUND ELE	KB > GROUND	KB ELE	CF > GROUND	TH > GROUND	KB > TH	DH > GROUND	KB > DH			
742.01 m	5.50 m	747.51 m	0.00 m	0.60 m	4.90 m	0.00 m	5.50 m			
REPORT DETAILS										
REPORT DATE	PERCENT COMPLETE	RIG TIME		TOTAL RIG TIME	MAN HOURS		TOTAL MAN HOURS			
2023-11-06	-	-		0.00 hr	-		0.00 hr			
TOTAL TIME	NON-PRODUCTIVE	FLARE VOLUME		TOTAL DAILY FLARE	CASING PRESSURE		TUBING PRESSURE			
12.50 hr	1.00 hr	-		0.00 e³m³	-		-			
COSTS					DAILY RENTALS					
TOTAL DAILY	COMPL. TOTAL	TOTAL CUMULATIVE		COMPL. CUMULATIVE	TOTAL DAILY	COMPL. TOTAL				
\$16,601.75	\$16,601.75	\$21,665.75		\$21,665.75	\$0.00	\$0.00				
DAILY OPERATIONS					PERSONNEL					
DAILY STATUS MIRU Brandette rig 8 and Savanna Gripper unit. 24 HOUR SUMMARY MIRU Brandette rig 8 and Savanna Gripper unit. POOH weatherford corod string RIH Dual 28.6mm grapple and recover fish. POOH inspect , lost dual grapples down hole. RIH 28.6mm cocor and latched, POOH recover Dual grappels Secure well SDFN NEXT 24 HOURS Weld new pin to corod , RIH grapple to fish Weatherford rotor					VP OF OPERATIONS					
					Graham Veale 403-809-6684					
					COMPLETIONS CONSULTANT					
					Wayne Vandergaag 403-318-1915					
					COMPLETION RIGS					
					<table><tr><th>CONTRACTOR</th><th>#</th><th>START</th><th>RELEASE</th></tr><tr><td>Brandette WellService</td><td>8</td><td colspan="2">2023-11-05</td></tr></table>			CONTRACTOR	#	START
CONTRACTOR	#	START	RELEASE							
Brandette WellService	8	2023-11-05								
WEATHER										
GENERAL										
-										
ROAD CONDITION										
-										
TIME		TEMP								
		-								
TIME LOG										
FROM	TO	DUR	NPT CODE	DETAILS						
07:30	08:00	0.5 h		Help Pre Job Safety Meeting with the following discussed: *Use spotters while reversing spotters to be in view of the driver at all times and spotter to be wearing HiViz clothing *Do not pass under suspended objects, use tag lines on over head loads. *Hand and finger placement, good communication N/D drivehead watch for stored energy. Discuss ERP placement roles and responsibilities						
08:00	08:05	0.08 h		Existing tubing string as listed: KB - THF: 4.90m 1 - 177mm x 89mm TC style TBG hanger (less top collar): 0.15m 1 - 89mm J-55 8rdd EUE Evraz TBG JT: 9.55m 1 - 89mm 10' pup joint: 3.08m 137 - 89mm J-55 8rd EUE Evraz TBG JTS: 1311.19m (Note: BTM 3 joints are Q2 wear resistant L80 joints, # 1,2,3 in tally) 1 - 89mm 4' Boronized pup joint: 1.29m 1 - Weatherford 59-1800 Stator w/ tag bar: 10.79m - Ran at 11.20% EFF, 300RPM, 952 ft/lbs torque and full lift s/n# 10545202 1 - 177mm x 89mm 5 blade CTA NTT: 0.70m 1 - 89mm 6' handling pup: 1.89m 1 - 89mm x 73mm bottleneck XO: 0.14m 1 - Spirit Hybrid X 2 piece gas separator: 5.78m 1 - 73mm x 89mm Fishneck XO: 0.15m 5 - 89mm Blueband tail joints: 46.46m 1 - 89mm solid bull plug and collar: 0.25m 138 Full joints to pump top 143 Full joints in well Pump top at 1330.16mKb <> 49 deg INC <> 1265m TVD Pump btm at: 1340.95 <> 50 deg INC <> 1294m TVD End of TBG: 1396.32mKb <> 63 deg INC <> 1320m TVD Liner Hanger: 1570.22mKb <> 86 deg INC <> 1364m TVD						
08:05	12:30	4.42 h		Spot and R/U rig and support equipment to AER and Blackspur regulations. SITP= 50 kPa SICP=50 kPa Tie in pump line and P/T line to 1.4 - 21 MPa for 10 minutes each with zero bleed off observed for a positive test. Bleed tubing and casing gas to rig tank. Savanna on location with gripper. Spotted and rigged up Apex gripper unit. Grounded all equipment to wellhead. Removed polish rod lock down device Wilf Brandt moved in 13m3 hot produced water from 16-05-50-01w5 battery P/U on Polish rod w/ an indicated string weight of 9 daN. Stripped off top drive and secured on stand. Laid out polish rod. Rigged in work floor, stripped on rod BOP and function tested, working correctly. Laid out ponies and 2 regular rods. Secured corod with 6' stick up. Picked up gripper and rigged in arch. Pull rod string pulled as follows: 1 - 31.75mm x 12.2m Polish rod 1 - 1" x 3" spin thru for 3-1/2" TBG 2 - 25.4mm x 31.75mm Plain Ponies - 2', 6' 2 - 25.4mm x 31.75mm Plain Rods 1290m +/- of ProRod 28.6mm 780M Corod string, (string parted approximately 3-4m from rotor top)						

				NOTE: Corod visually in good condition.			
12:30	19:00	6.5 h		<p>Made up, function tested 2 x overshots with grapple for 28.6mm corod. RIH engaged OS P/U on rod string with an indicated string weight of 9 daN and observed NO- rotation pulling rotor from stator(NOTE: no over pulled observed rotor) Flushed tubing with 4.5m3 hot produced H2o. Have rotation as pumped to well in down stroke</p> <p>POOH w/ corod at surface dual grapples did not recover, lost down hole. RIH 28.6mm Pro-Rods , tag with 1288 , taag on 4th rod to well. Rotate and tag hard 3-times. POOH and recovered dual grapples, break down. NO ROTOR RECOVERY RIG DOWN Savanna Gripper Brandette secured the well and SDFN.</p>			
13:00	14:00	1.0 h	.	Savanna Gripper unit blew hydraulic hose, repair in field and back in services			

DAILY FLUIDS								
COMPANY	TICKET	SOURCE/DESTINATION	LEASE (m³)		WELL (m³)		REMAINING (m³)	
			TO	FROM	TO	FROM	TANK	WELL
Prod Water								
Wilf Brant Trucking	218004	5-27-49-1w5m	13.00				13.00	0.00
					9.00		4.00	9.00
		TODAY	13.00	0.00	9.00	0.00	4.00 m³	9.00
		RUNNING	13.00	0.00	9.00	0.00	4.00	9.00

WELL DATA							
LICENSE #	UWI		EVENT		AFE NUMBER		AFE \$
0502001	100/16-11-051-02W5/00		Rod Part		23OP0051		\$0.00
GROUND ELE	KB > GROUND	KB ELE	CF > GROUND	TH > GROUND	KB > TH	DH > GROUND	KB > DH
742.01 m	5.50 m	747.51 m	0.00 m	0.60 m	4.90 m	0.00 m	5.50 m
REPORT DETAILS							
REPORT DATE	PERCENT COMPLETE	RIG TIME	TOTAL RIG TIME		MAN HOURS	TOTAL MAN HOURS	
2023-11-05	-	-	0.00 hr		-	0.00 hr	
TOTAL TIME	NON-PRODUCTIVE	FLARE VOLUME	TOTAL DAILY FLARE		CASING PRESSURE	TUBING PRESSURE	
2.00 hr	0.00 hr	-	0.00 e³m³		-	-	
COSTS					DAILY RENTALS		
TOTAL DAILY	COMPL. TOTAL	TOTAL CUMULATIVE		COMPL. CUMULATIVE	TOTAL DAILY	COMPL. TOTAL	
\$5,064.00	\$5,064.00	\$5,064.00		\$5,064.00	\$0.00	\$0.00	
DAILY OPERATIONS					PERSONNEL		
<div>DAILY STATUS Move in to location</div> <div>24 HOUR SUMMARY Move rig to locations. Spot rig matting Spot rig onto matting SDFN</div> <div>NEXT 24 HOURS MIRU Brandette rig#8 and Savanna Gripper unit.</div>					VP OF OPERATIONS		
					Graham Veale 403-809-6684		
					COMPLETIONS CONSULTANT		
					Wayne Vandergaag 403-318-1915		
					COMPLETION RIGS		
					CONTRACTOR	#	START
Brandette WellService	8	2023-11-05					
WEATHER							
GENERAL							
Clear							
ROAD CONDITION							
Good							
TIME		TEMP					
15:00		8°C					
TIME LOG							
FROM	TO	DUR	NPT CODE	DETAILS			
15:30	17:30	2.0 h		Move rig to locations. Spot rig matting Spot rig onto matting SDFN			

WELL DATA					
NAME	LICENSE #	COST CENTRE	UWI	LOCATION	
BLACKSPUR HZ LEDUC-WB 16-11-51-2 - Leo #4	0502001	TBD	100/16-11-051-02W5/00	LEDUC-WB AB, Canada	
COMPLETIONS DATA					
NAME	START DATE	END DATE	AFE #	AFE \$	
Rod Part	2023-11-05		23OP0051	\$0.00	
COST TOTALS					
COST ITEM	ESTIMATE	FIELD	EST v FIELD	ACTUAL	FIELD v ACTUAL
9815-439 - EQUIPMENT RENTALS	\$0.00	\$3,235.00	-\$3,235.00	\$0.00	\$3,235.00
9815-443 - FLUID HAULING (TANK TRUCKS)	\$0.00	\$3,001.30	-\$3,001.30	\$0.00	\$3,001.30
9815-447 - FREIGHT & HAULING	\$0.00	\$17,384.50	-\$17,384.50	\$0.00	\$17,384.50
9815-467 - SERVICE RIG	\$0.00	\$49,146.56	-\$49,146.56	\$0.00	\$49,146.56
9815-469 - SITE PREPARATION/RESTORATION	\$0.00	\$555.00	-\$555.00	\$0.00	\$555.00
9815-479 - TESTING & SURVEYS	\$0.00	\$3,005.50	-\$3,005.50	\$0.00	\$3,005.50
9815-481 - VACUUM SERVICES	\$0.00	\$2,122.00	-\$2,122.00	\$0.00	\$2,122.00
9815-483 - WELLSITE SUPERVISION & CONSULT	\$0.00	\$6,600.00	-\$6,600.00	\$0.00	\$6,600.00
9815-507 - BOTTOM HOLE PUMP - RECOVERABLE	\$0.00	\$16,728.60	-\$16,728.60	\$0.00	\$16,728.60
9815-569 - PRODUCTION TUBING	\$0.00	\$13,640.00	-\$13,640.00	\$0.00	\$13,640.00
9815-575 - ROD STRING	\$0.00	\$20,459.62	-\$20,459.62	\$0.00	\$20,459.62
TOTAL	\$0.00	\$135,878.08	-\$135,878.08	\$0.00	\$135,878.08

WELL DATA							
NAME	LICENSE #	COST CENTRE	UWI	LOCATION			
BLACKSPUR HZ LEDUC-WB 16-11-51-2 - Leo #4	0502001	TBD	100/16-11-051-02W5/00	LEDUC-WB AB, Canada			
COMPLETIONS DATA							
NAME	START DATE	END DATE	AFE #	AFE \$			
Rod Part	2023-11-05		23OP0051	\$0.00			
DAILY BREAKDOWN							
CODE - COST ITEM	2023-11-05	2023-11-06	2023-11-07	2023-11-08	2023-11-10	TOTAL	RUN. TOTAL
9815-439 - EQUIPMENT RENTALS	\$0.00	\$0.00	\$0.00	\$0.00	\$3,235.00	\$3,235.00	\$3,235.00
TKO Rentals Ltd: Waste Unit, racks, elevators					\$3,235.00	\$3,235.00	
9815-443 - FLUID HAULING (TANK TRUCKS)	\$0.00	\$362.50	\$0.00	\$2,638.80	\$0.00	\$3,001.30	\$3,001.30
Wilf Brandt Trucking: Move in 13m3 prod water		\$362.50				\$362.50	
Wilf Brandt Trucking: Move in 20m3 hot prod water				\$630.00		\$630.00	
Nelson Bros. Oilfield Services: Vac unit suck out tbg				\$2,008.80		\$2,008.80	
9815-447 - FREIGHT & HAULING	\$2,610.00	\$0.00	\$840.00	\$6,700.00	\$7,234.50	\$17,384.50	\$17,384.50
Lambs Trucking Ltd DV: Move matting	\$2,310.00					\$2,310.00	
TKO Rentals Ltd: Move rods & waste unit	\$300.00					\$300.00	
Holman Trucking Ltd: Delivery rods			\$840.00			\$840.00	
Mullen Oilfield Services: Load truck				\$100.00		\$100.00	
Rugged Oilfield Services: Move in Weatherford BHP / Zero-Cor tubing				\$6,600.00		\$6,600.00	
Lambs Trucking Ltd DV: Move rig matting					\$1,617.00	\$1,617.00	
TKO Rentals Ltd: Trucking rentals pipe racks, misc					\$5,617.50	\$5,617.50	
9815-467 - SERVICE RIG	\$2,454.00	\$14,589.25	\$11,062.27	\$6,888.52	\$14,152.52	\$49,146.56	\$49,146.56
Brandette Well Service: Rig #8 (double)	\$2,454.00	\$10,614.25	\$7,814.77	\$6,888.52	\$10,757.52	\$38,529.06	
Savanna Well Service: Gripper unit corod		\$3,975.00	\$3,247.50			\$7,222.50	
Spider Oilfield Service: Gripper unit					\$3,395.00	\$3,395.00	
9815-469 - SITE PREPARATION/RESTORATION	\$0.00	\$0.00	\$0.00	\$0.00	\$555.00	\$555.00	\$555.00
Shawns Oilfield Service: Level lease pad and clean up staining from gripper.					\$555.00	\$555.00	
9815-479 - TESTING & SURVEYS	\$0.00	\$0.00	\$0.00	\$3,005.50	\$0.00	\$3,005.50	\$3,005.50
Stealth Oilfield Inspection: Inspect out 88.9 mm				\$3,005.50		\$3,005.50	
9815-481 - VACUUM SERVICES	\$0.00	\$0.00	\$0.00	\$0.00	\$2,122.00	\$2,122.00	\$2,122.00
Nelson Bros. Oilfield Services: Vac unit clean tank, staining, WH.					\$2,122.00	\$2,122.00	
9815-483 - WELLSITE SUPERVISION & CONSULT	\$0.00	\$1,650.00	\$1,650.00	\$1,650.00	\$1,650.00	\$6,600.00	\$6,600.00
Westrock Energy Consultants: WSS: Wayne Vandergaag	\$0.00	\$1,650.00	\$1,650.00	\$1,650.00	\$1,650.00	\$6,600.00	
9815-507 - BOTTOM HOLE PUMP - RECOVERABLE	\$0.00	\$0.00	\$0.00	\$0.00	\$16,728.60	\$16,728.60	\$16,728.60
Weatherford: Stator Rotor, NTT/Anchor,					\$16,728.60	\$16,728.60	
9815-569 - PRODUCTION TUBING	\$0.00	\$0.00	\$0.00	\$13,640.00	\$0.00	\$13,640.00	\$13,640.00
Blackspur MT: 10-Jts 88.9 x 13.84kg/m x J-55				\$3,500.00		\$3,500.00	
ZeroCor Tubulars: 12-Jts 88.9mm x Zero Cor 100 x 880/ea				\$10,560.00		\$10,560.00	
TKO Rentals Ltd: Credit junk tubing				-\$420.00		-\$420.00	
9815-575 - ROD STRING	\$0.00	\$0.00	\$3,239.64	\$0.00	\$17,219.98	\$20,459.62	\$20,459.62
Lifting Solutions Inc: Weld pin end coroc			\$1,566.45			\$1,566.45	
Q2 Artificial Lift: 3-rods/couplers			\$1,673.19			\$1,673.19	
Q2 Artificial Lift: Rods/couplers					\$4,233.48	\$4,233.48	
Spider Oilfield Service: Weld Pro-Rod 780M					\$2,195.00	\$2,195.00	
Spider Oilfield Service: Install new 780M Pro rod to real.					\$3,109.00	\$3,109.00	
Mantl: 350m of 780M Pro-Rod x 28.6mm					\$7,682.50	\$7,682.50	
DAILY CUMULATIVE	\$5,064.00	\$16,601.75	\$16,791.91	\$34,522.82	\$62,897.60	\$135,878.08	\$135,878.08
	\$5,064.00	\$21,665.75	\$38,457.66	\$72,980.48	\$135,878.08		\$135,878.08

WELL DATA				
NAME	LICENSE #	COST CENTRE	UWI	LOCATION
BLACKSPUR HZ LEDUC-WB 16-11-51-2 - Leo #4	0502001	TBD	100/16-11-051-02W5/00	LEDUC-WB AB, Canada
COMPLETIONS DATA				
NAME	START DATE	END DATE	AFE #	AFE \$
Rod Part	2023-11-05		230P0051	\$0.00
Vendor// BLACKSPUR MT				VENDOR TOTAL \$3,500.00
cost code// 9815-569 - PRODUCTION TUBING				TOTAL \$3,500.00
DAILY REPORT	VENDOR CODE	DESCRIPTION	PURCHASE ORDER	TICKET
2023-11-08		10-its 88.9 x 13.84kg/m x I-55		STOCK
				AMOUNT \$3,500.00
Vendor// BRANDETTE WELL SERVICE				VENDOR TOTAL \$38,529.06
cost code// 9815-467 - SERVICE RIG				TOTAL \$38,529.06
DAILY REPORT	VENDOR CODE	DESCRIPTION	PURCHASE ORDER	TICKET
2023-11-05		Rig #8 (double)		08-211-910
2023-11-06		Rig #8 (double)		08-211-911
2023-11-07		Rig #8 (double)		08-211-912
2023-11-08		Rig #8 (double)		08-211-913
2023-11-10		Rig #8 (double)		08-211-914
				AMOUNT \$2,454.00
				\$10,614.25
				\$7,814.77
				\$6,888.52
				\$10,757.52
Vendor// HOLMAN TRUCKING LTD				VENDOR TOTAL \$840.00
cost code// 9815-447 - FREIGHT & HAULING				TOTAL \$840.00
DAILY REPORT	VENDOR CODE	DESCRIPTION	PURCHASE ORDER	TICKET
2023-11-07		Delivery rods		21433
				AMOUNT \$840.00
Vendor// LAMBS TRUCKING LTD DV				VENDOR TOTAL \$3,927.00
cost code// 9815-447 - FREIGHT & HAULING				TOTAL \$3,927.00
DAILY REPORT	VENDOR CODE	DESCRIPTION	PURCHASE ORDER	TICKET
2023-11-05		Move matting		75656
2023-11-10		Move rig matting		73109
				AMOUNT \$2,310.00
				\$1,617.00
Vendor// LIFTING SOLUTIONS INC				VENDOR TOTAL \$1,566.45
cost code// 9815-575 - ROD STRING				TOTAL \$1,566.45
DAILY REPORT	VENDOR CODE	DESCRIPTION	PURCHASE ORDER	TICKET
2023-11-07		Weld pin end coroc		57681
				AMOUNT \$1,566.45
Vendor// MANTL				VENDOR TOTAL \$7,682.50
cost code// 9815-575 - ROD STRING				TOTAL \$7,682.50
DAILY REPORT	VENDOR CODE	DESCRIPTION	PURCHASE ORDER	TICKET
2023-11-10		350m of 780M Pro-Rod x 28.6mm		40697
				AMOUNT \$7,682.50
Vendor// MULLEN OILFIELD SERVICES				VENDOR TOTAL \$100.00
cost code// 9815-447 - FREIGHT & HAULING				TOTAL \$100.00
DAILY REPORT	VENDOR CODE	DESCRIPTION	PURCHASE ORDER	TICKET
2023-11-08		Load truck		9481
				AMOUNT \$100.00
Vendor// NELSON BROS. OILFIELD SERVICES				VENDOR TOTAL \$4,130.80
cost code// 9815-443 - FLUID HAULING (TANK TRUCKS)				TOTAL \$2,008.80
DAILY REPORT	VENDOR CODE	DESCRIPTION	PURCHASE ORDER	TICKET
2023-11-08		Vac unit suck out tbg		403331
				AMOUNT \$2,008.80
cost code// 9815-481 - VACUUM SERVICES				TOTAL \$2,122.00
DAILY REPORT	VENDOR CODE	DESCRIPTION	PURCHASE ORDER	TICKET
2023-11-10		Vac unit clean tank, staining, WH.		385636
				AMOUNT \$2,122.00
Vendor// Q2 ARTIFICIAL LIFT				VENDOR TOTAL \$5,906.67
cost code// 9815-575 - ROD STRING				TOTAL \$5,906.67
DAILY REPORT	VENDOR CODE	DESCRIPTION	PURCHASE ORDER	TICKET
2023-11-07		3-rods/couplers		22-109830
2023-11-10		Rods/couplers		22-109830
				AMOUNT \$1,673.19
				\$4,233.48
Vendor// RUGGED OILFIELD SERVICES				VENDOR TOTAL \$6,600.00
cost code// 9815-447 - FREIGHT & HAULING				TOTAL \$6,600.00
DAILY REPORT	VENDOR CODE	DESCRIPTION	PURCHASE ORDER	TICKET
2023-11-08		Move in Weatherford BHP / Zero-Cor tubing		7374
				AMOUNT \$6,600.00
Vendor// SAVANNA WELL SERVICE				VENDOR TOTAL \$7,222.50
cost code// 9815-467 - SERVICE RIG				TOTAL \$7,222.50
DAILY REPORT	VENDOR CODE	DESCRIPTION	PURCHASE ORDER	TICKET
2023-11-06		Gripper unit corod		RIGX01-20231106_00
				01
2023-11-07		Gripper unit corod		RIGX01-20231107_00
				01
				AMOUNT \$3,975.00
				\$3,247.50
Vendor// SHAWNS OILFIELD SERVICE				VENDOR TOTAL \$555.00
cost code// 9815-469 - SITE PREPARATION/RESTORATION				TOTAL \$555.00
DAILY REPORT	VENDOR CODE	DESCRIPTION	PURCHASE ORDER	TICKET
2023-11-10		Level lease pad and clean up staining from gripper.		6445
				AMOUNT \$555.00
Vendor// SPIDER OILFIELD SERVICE				VENDOR TOTAL \$8,699.00
cost code// 9815-467 - SERVICE RIG				TOTAL \$3,395.00
DAILY REPORT	VENDOR CODE	DESCRIPTION	PURCHASE ORDER	TICKET
2023-11-10		Gripple unit		13143
				AMOUNT \$3,395.00
cost code// 9815-575 - ROD STRING				TOTAL \$5,304.00
DAILY REPORT	VENDOR CODE	DESCRIPTION	PURCHASE ORDER	TICKET
2023-11-10		Weld Pro-Rod 780M		12993
2023-11-10		Install new 780M Pro rod to real.		13045
				AMOUNT \$2,195.00
				\$3,109.00
Vendor// STEALTH OILFIELD INSPECTION				VENDOR TOTAL \$3,005.50
cost code// 9815-479 - TESTING & SURVEYS				TOTAL \$3,005.50
DAILY REPORT	VENDOR CODE	DESCRIPTION	PURCHASE ORDER	TICKET
2023-11-08		Inspect out 88.9 mm		100134
				AMOUNT \$3,005.50
Vendor// TKO RENTALS LTD				VENDOR TOTAL \$8,732.50
cost code// 9815-439 - EQUIPMENT RENTALS				TOTAL \$3,235.00
DAILY REPORT	VENDOR CODE	DESCRIPTION	PURCHASE ORDER	TICKET
2023-11-10		Waste Unit, racks, elevators		DV-2307-4
				AMOUNT \$3,235.00



BLACKSPUR HZ LEDUC-WB 16-11-51-2 - Leo #4 - Rod Part Cost Summary
BLACKSPUR HZ LEDUC-WB 16-11-51-2 - Leo #4 • 100/16-11-051-02W5/00 • #0502001



cost code// 9815-447 - FREIGHT & HAULING					TOTAL	\$5,917.50
DAILY REPORT	VENDOR CODE	DESCRIPTION	PURCHASE ORDER	TICKET	AMOUNT	
2023-11-05		Move rods & waste unit		DV-2703.2		\$300.00
2023-11-10		Trucking rentals pipe racks, misc		DV-2703-5		\$5,617.50
cost code// 9815-569 - PRODUCTION TUBING					TOTAL	\$420.00
DAILY REPORT	VENDOR CODE	DESCRIPTION	PURCHASE ORDER	TICKET	AMOUNT	
2023-11-08		Credit junk tubing		DV-2703-8		-\$420.00
Vendor// WEATHERFORD					VENDOR TOTAL	\$16,728.60
cost code// 9815-507 - BOTTOM HOLE PUMP - RECOVERABLE					TOTAL	\$16,728.60
DAILY REPORT	VENDOR CODE	DESCRIPTION	PURCHASE ORDER	TICKET	AMOUNT	
2023-11-10		Stator Rotor, NTT/Anchor,		15288908		\$16,728.60
Vendor// WESTROCK ENERGY CONSULTANTS					VENDOR TOTAL	\$6,600.00
cost code// 9815-483 - WELLSITE SUPERVISION & CONSULT					TOTAL	\$6,600.00
DAILY REPORT	VENDOR CODE	DESCRIPTION	PURCHASE ORDER	TICKET	AMOUNT	
2023-11-05		WSS: Wayne Vandergaag				\$0.00
2023-11-06		WSS: Wayne Vandergaag				\$1,650.00
2023-11-07		WSS: Wayne Vandergaag				\$1,650.00
2023-11-08		WSS: Wayne Vandergaag				\$1,650.00
2023-11-10		WSS: Wayne Vandergaag				\$1,650.00
Vendor// WILF BRANDT TRUCKING					VENDOR TOTAL	\$992.50
cost code// 9815-443 - FLUID HAULING (TANK TRUCKS)					TOTAL	\$992.50
DAILY REPORT	VENDOR CODE	DESCRIPTION	PURCHASE ORDER	TICKET	AMOUNT	
2023-11-06		Move in 13m3 prod water		218004		\$362.50
2023-11-08		Move in 20m3 hot prod water		218041		\$630.00
Vendor// ZEROCOR TUBULARS					VENDOR TOTAL	\$10,560.00
cost code// 9815-569 - PRODUCTION TUBING					TOTAL	\$10,560.00
DAILY REPORT	VENDOR CODE	DESCRIPTION	PURCHASE ORDER	TICKET	AMOUNT	
2023-11-08		12-jts 88.9mm x Zero Cor 100 x 880/ea				\$10,560.00
GRAND TOTAL						\$135,878.08



Completions Fuel Inventory

WELL DATA				
NAME	LICENSE #	COST CENTRE	UWI	LOCATION
BLACKSPUR HZ LEDUC-WB 16-11-51-2 - Leo #4	0502001	TBD	100/16-11-051-02W5/00	LEDUC-WB AB, Canada
NAME	START DATE	END DATE	AFE #	AFE AMOUNT
Completions	2023-11-05		23OP0051	\$0.00
FUEL INVENTORY				

WELL DATA						
NAME		LICENSE #		COST CENTRE	UWI	LOCATION
BLACKSPUR HZ LEDUC-WB 16-11-51-2 - Leo #4		0502001		TBD	100/16-11-051-02W5/00	LEDUC-WB AB, Canada
COMPLETIONS DATA						
NAME		START DATE		END DATE	AFE #	AFE AMOUNT
Rod Part		2023-11-05			230P0051	\$0.00
TIME LOG						
FROM	TO	DUR	NPT	CODE	DETAIL	
Completions Daily Report • 2023-11-05						
15:30	17:30	2.00 hr			Move rig to locations. Spot rig matting Spot rig onto matting SDFN	
		TOTAL2.00 hr				
Completions Daily Report • 2023-11-06						
07:30	08:00	0.50 hr			Help Pre Job Safety Meeting with the following discussed: *Use spotters while reversing spotters to be in view of the driver at all times and spotter to be wearing HiViz clothing *Do not pass under suspended objects, use tag lines on over head loads. *Hand and finger placement, good communication N/D drivehead watch for stored energy. Discuss ERP placement roles and responsibilities	
08:00	08:05	0.08 hr			Existing tubing string as listed: KB - THF: 4.90m 1 - 177mm x 89mm TC style TBG hanger (less top collar): 0.15m 1 - 89mm J-55 8rdd EUE Evraz TBG JT: 9.55m 1 - 89mm 10' pup joint: 3.08m 137 - 89mm J-55 8rd EUE Evraz TBG JTS: 1311.19m (Note: BTM 3 Joints are Q2 wear resistant L80 joints, # 1,2,3 in tally) 1 - 89mm 4' Boronized pup joint: 1.29m 1 - Weatherford 59-1800 Stator w/ tag bar: 10.79m - Ran at 11.20% EFF, 300RPM, 952 ft/lbs torque and full lift s/n# 10545202 1 - 177mm x 89mm 5 blade CTA NTT: 0.70m 1 - 89mm 6' handling pup: 1.89m 1 - 89mm x 73mm bottleneck XO: 0.14m 1 - Spirit Hybrid X 2 piece gas separator: 5.78m 1 - 73mm x 89mm Fishneck XO: 0.15m 5 - 89mm Blueband tail joints: 46.46m 1 - 89mm solid bull plug and collar: 0.25m 138 Full joints to pump top 143 Full joints in well Pump top at 1330.16mKb <=> 49 deg INC <=> 1265m TVD Pump btm at: 1340.95 <=> 50 deg INC <=> 1294m TVD End of TBG: 1396.32mKb <=> 63 deg INC <=> 1320m TVD Liner Hanger: 1570.22mKb <=> 86 deg INC <=> 1364m TVD	
08:05	12:30	4.42 hr			Spot and R/U rig and support equipment to AER and Blackspur regulations. SITP= 50 kPa SICP=50 kPa Tie in pump line and P/T line to 1.4 - 21 MPa for 10 minutes each with zero bleed off observed for a positive test. Bleed tubing and casing gas to rig tank. Savanna on location with gripper. Spotted and rigged up Apex gripper unit. Grounded all equipment to wellhead. Removed polish rod lock down device Wilf Brandt moved in 13m3 hot produced water from 16-05-50-01w5 battery P/U on Polish rod w/ an indicated string weight of 9 daN. Stripped off top drive and secured on stand. Laid out polish rod. Rigged in work floor, stripped on rod BOP and function tested, working correctly. Laid out ponies and 2 regular rods. Secured corod with 6' stick up. Picked up gripper and rigged in arch. Pull rod string pulled as follows: 1 - 31.75mm x 12.2m Polish rod 1 - 1" x 3" spin thru for 3-1/2" TBG 2 - 25.4mm x 31.75mm Plain Ponies - 2', 6' 2 - 25.4mm x 31.75mm Plain Rods 1290m +/- of ProRod 28.6mm 780M Corod string, (string parted approximately 3-4m from rotor top) NOTE: Corod visually in good condition.	
12:30	19:00	6.50 hr			Made up, function tested 2 x overshots with grapple for 28.6mm corod. RIH engaged OS P/U on rod string with an indicated string weight of 9 daN and observed NO- rotation pulling rotor from stator(NOTE: no over pulled observed rotor) Flushed tubing with 4.5m3 hot produced H2o. Have rotation as pumped to well in down stroke POOH w/ corod at surface dual grapples did not recover, lost down hole. RIH 28.6mm Pro-Rods , tag with 1288 , taag on 4th rod to well. Rotate and tag hard 3-times. POOH and recovered dual grapples, break down. NO ROTOR RECOVERY RIG DOWN Savanna Gripper Brandette secured the well and SDFN.	
13:00	14:00	1.00 hr			Savanna Gripper unit blew hydraulic hose, repair in field and back in services	
		TOTAL12.50 hr (NPT 1.00 hr / 8%)				
Completions Daily Report • 2023-11-07						
07:30	08:00	0.50 hr			Help Pre Job Safety Meeting with the following discussed: *Use spotters while reversing spotters to be in view of the driver at all times and spotter to be wearing HiViz clothing *Do not pass under suspended objects, use tag lines on over head loads. *Hand and finger placement, good communication. Discuss ERP placement roles and responsibilities	
08:00	10:00	2.00 hr			Welder MIRU , slip and cut 30m off of 28.6mm 1290m Pre-Rods string , left 1260m Pro-Rod. Gauged Pro-rod string and worn down to 25.4mm , NEW pin end 25.4mm , weld up corod as per OEM specifications.	
10:00	14:00	4.00 hr			Made up RIH 73mm x 28.6 mm grapple , 4-Ft pony, 2-Ft scraped x 73mm , 2- 31.75mm plain rods, 1260 m 28.6mm Pro-Rod , 4 x 25.4mm plain rods. 1 x 25.4mmplain rods , tag 1.50m in on. EST 1313 Mkb NOTE GUAGED IN RODS STRING WITH 1 1/16 WRENCH AND RAN TO 270 METER WITH UNDERSIZED PRO-ROD 25.4MM . EST 950M GOOD ON 1260M STRING. Latched rotor with string weight increase for 8,500daN to 10,500 daN. Pull out of stator with confirmed latch and back spin fluids flush by. POOH rod/corod string assembly. Racked out Savanna WS, spool on location with 1260m x 28.6mm 780M Pro-Rods. NOTE slip and cut 300m to good Pro-Rod if re-used and new Pin End. Break down and recovered BHA rotor. 10.80m length, Inspect break and rotor. Appear to be used weld on pin end with weld 34 inches up string from pin end. External wear at pin end. Bottom end rotor good condition.	
14:00	16:30	2.50 hr			BOPs stump tested on blinds and 89mm TI valve to 1.4MPa & 14MPa for 10 min each, held 100%. R&R well pressures, TSTM both sides. Casing bled to 0kPa in less than 5 minutes. NDWH & Flowline, capped up flowline, installed pup with TI valve in hanger. Stripped on class III BOP stack and secured to flange R-45 x 177.8mm TBG head. Pressure tested hanger, ring seal, 89mm pipe rams to 1.4MPa & 14MPa for 10 min each, held 100%. Function tested BOPs and accumulator, both working correctly Secure well SDFN. Confirmed services and timing for morning tbg inspection.	
		TOTAL9.00 hr				
Completions Daily Report • 2023-11-08						
07:30	08:00	0.50 hr			Held PJSM with crew, issued and reviewed Blackspur safe work permit. Reviewed job scope for day to rig up SR, kill well with produced water, pull rod string, Reviewed wellbore diagram and well kill procedures. Reviewed Amped PJSM / JSAs for applicable tasks. Review tubing inspect Stealth Inspection / Finger check for rod wear.	
08:00	13:30	5.50 hr			POOH Stealth Inspection production string as follows: KB-THF: 4.90m 1 - 177mm x 89mm TC style TBG hanger - 0.15m 138 - 89mm J-55 8rd EUE Evraz TBG JTS - 1320.79m (Note: BTM 3 joints are Q2 wear resistant L80 joints, yellowband) 1 - 89mm 6' Boronized pup joint - 1.88m 1 - Weatherford 59-1800 Stator w/ tag bar -HN315 10600978-413901 XL-300-30, Ran at 6.7% EFF, 300 RPM, Full Lift, 967.00 ft/lbs torque - 10.71m 1 - 177mm x 89mm 5 blade CTA NTT - 0.70m 1 - 89mm 6' handling pup - 1.89m 1 - 89mm x 73mm bottleneck XO - 0.14m 1 - Spirit Hybrid X 2 piece gas separator - 5.78m 1 - 73mm x 89mm Fishneck XO - 0.15m 5 - 89mm Blueband tail joints - 47.97m 1 - 89mm solid bull plug and collar - 0.25m Landed hanger with pup and TI valve in place. 138 joints to pump top 143 full joints in well Pump top: 1327.72mKb <=> 49 deg INC <=> 1284m TVD Pump btm: 1338.41mKb <=> 50 deg INC <=> 1290m TVD Bull plug landed at: 1395.31mKb <=> 64 deg INC <=> 1321m TVD Liner top: 1570.22mKb <=> 86 deg INC <=> 1364m TVD Stealth Tubing inspection: Yellow:56 Blue: 61 Green: 18 from 870mkb to through build to 5-deg Red: 3 above PSN (Q2 hard coat) Break down BHA: VAC unit to clean out tail pipe. 5- tail joint with last joint full of sand Wash and clean out Hybrid Gas Sep , good condition. Ordered in NEW Zero Core 100 12-jts 88.9 mm x J-55 x 13.84kg/m Pick up 10-joint YELLOW BAND TBG 88.9 mm x J-55 x 13.84kg/m from bone yard Move in unload NEW Weatherford Stator/Rotar/ 6-ft boronized pup. TKO haul out 21-jts 88.9 x J-55 Green & Red for junk credit.	

TOTAL6.00 hr

Completions Daily Report • 2023-11-10

07:30	08:00	0.50 hr	Held PJSM with crew, issued and reviewed Blackspur safe work permit. Reviewed job scope for day to rig up SR, kill well with produced water, pull rod string. Reviewed wellbore diagram and well kill procedures. Reviewed Amped PJSM / JSAs for applicable tasks.
08:00	11:30	3.50 hr	KB-THF: 4.90m 1 - 177mm x 89mm TC style TBG hanger - 0.15m 127 - 89mm J-55 8rd EUE Evraz TBG JTS - 1216.40m *12 - 88.9mm x 13.84 x J-55 111.9m (ZERO COR 100 TUBING) HANDLE WITH CARE. 1 - 89mm 6' Boronized pup joint - 1.88m 1 - Weatherford 59-1800 Stator w/ tag bar -HN314 10807829-418965 XL 300-30 SERIAL #E10807829-418965 1 - 177mm x 89mm 5 blade CTA NTT - 0.70m ANCHOR, TORQUE CTA XB 7.000 CSG X 3.500 EUE CS 28-7035-00 SERIAL #296417 1 - 89mm 6' handling pup - 1.89m 1 - 89mm x 73mm bottleneck XO - 0.14m 1 - Spirit Hybrid X 2 piece gas separator - 5.78m 88.9mm x 73mm x 114.3mm x 73mm 1 - 73mm x 89mm Fishneck XO - 0.15m 5 - 89mm Blueband tail joints - 47.97m 1 - 89mm solid bull plug and collar - 0.25m Landed hanger with pup and TI valve in place. 139 joints to pump top 144 full joints in well Pump top: 1330.19mKb <> 49 deg INC <> 1284m TVD Pump btm: 1340.90mKb <> 50 deg INC <> 1290m TVD Bull plug landed at: 1397.7mKb <> 64 deg INC <> 1321m TVD Liner top: 1570.22mKb <> 86 deg INC <> 1364m TVD Set tubing NTT and hold torque, lande 88.9mm tbg hanger, set lag screw.
11:30	12:30	1.00 hr	Spider Oilfield repair 780M Pro Rod string, cut to 350 off and installed 350m NEW 780M Pro-Rod. Weld to spec and spooled back onto reel. Cut up oil rod and load out TKO Rentals Rigged out floor and handling equipment N/D BOP,s racked out, Installed pumping wellhead assembly. Rigged in floor and handling equipment. Spider gripper on location
12:30	16:00	3.50 hr	Installed and function tested rod BOP, tested good. Rigged up Spider gripper unit and boom guide section. RIH with NEW 59-1800 rotor and 780M Pro-Rod string: *1 - Weatherford 59-1800 rotor, WFT 59-1800 415708 XL. *1297m x 28.6 mm ProRod Grade "780M" Co-rod, 25.4 mm pins, good condition. *2 - 25.4 mm x 31.75 mm, Grade "D", PLAIN sucker rods. *3- 25.4 mm x 31.75 mm, Grade "D", PLAIN pony rods, 10-ft/ 6-ft/4-ft / . *1 - 31.75 mm x 12.2 m 4140 polished rod, 22.2 mm pins, Spaced out and installed Weatherford, MGX DS500, drive head (#319995820) Clamped off rod string with 8 bolt lock with the Tag and Pick up Rotor to string weight 34" off tag bar, Space out 29" off tag bar. Strip on drive head. Installed brackets and turnbuckles securing drive head as required. Operator on location well started up and producing inline 40-min fluids to surface at 100-rpm LTR 33.0 m3 produced water. 3- 31.8mm x Norris D78 rods and 6-ponys left on location. 10-jts 88.9 mm x 13.84kg/m x J-55 from 16-5 battery 12-joint Zero-Core 100 NEW 350m of 780M Prod-rod (cut off to junk) Vac unit clean rig tank and staining on location(Hydraulic from gripper line bust)
16:00	17:30	1.50 hr	Rig down rig and support equipment 100%. Location handed back to operations. Move rig back to Base. Completed and End reports

TOTAL10.00 hr



WELL DATA					
NAME		LICENSE #	COST CENTRE	UWI	LOCATION
BLACKSPUR HZ LEDUC-WB 16-11-51-2 - Leo #4		0502001	TBD	100/16-11-051-02W5/00	LEDUC-WB AB, Canada
COMPLETIONS DETAIL					
COMPLETIONS TYPE		START DATE	FINISH DATE	OBJECTIVE	
Cemented Sleeve		2023-11-05		Rotor /Stator, repair parted rods	
NON-PRODUCTIVE TIME EVENTS					
No NPT events available					

WELL DATA									
NAME				LICENSE #	COST CENTRE	UWI		LOCATION	
BLACKSPUR HZ LEDUC-WB 16-11-51-2 - Leo #4				0502001	TBD	100/16-11-051-02W5/00		LEDUC-WB AB, Canada	
COMPLETIONS DETAIL									
COMPLETIONS TYPE		START DATE	FINISH DATE	OBJECTIVE					
Cemented Sleeve		2023-11-05		Rotor /Stator, repair parted rods					
DAILY FLUID MOVEMENT									
Prod Water									
NOTE 5-27-49-1w5m									
DATE	COMPANY	TICKET	SOURCE/DEST	LEASE (m³)		WELL (m³)		REMAINING (m³)	
				TO	FROM	TO	FROM	TANK	WELL
2023-11-06	Wilf Brant Trucking	218004	5-27-49-1w5m	13.00				13.00	0.00
2023-11-06						9.00		4.00	9.00
2023-11-08	NOTE flush tbg					5.00		-1.00	14.00
2023-11-08	Wlif Brant Trucking	218041	5-27-49-1	20.00				19.00	14.00
2023-11-08						10.00		9.00	24.00
2023-11-10						9.00		0.00	33.00
TOTAL				33.00	0.00	33.00	0.00	0.00	33.00



Tubing Report - 2023-11-10

OD	DRIFT	WEIGHT	GRADE	RANGE	THREAD	COUPLING	COND	DATE NEW	SUPPLIER	MAKE	SERIAL
No Types Defined											

#	JT	IN	OD	DRIFT	TYPE	ACCESSORY	LENGTH	TOP	TOTAL
No Tally entries									

RUN DATE	2023-11-10	
PULLED DATE		
	#	LENGTH
JOINTS DELIVERED		-
JOINTS ON LEASE		-
JOINTS LEFT OUT	0	0.00 m
JOINTS IN HOLE	0	0.00 m
ACC IN HOLE	0	0.00 m
LANDED @		4.90 mKB



Remarks - Rod Part

WELL DATA				
NAME	LICENSE #	COST CENTRE	UWI	LOCATION
BLACKSPUR HZ LEDUC-WB 16-11-51-2 - Leo #4	0502001	TBD	100/16-11-051-02W5/00	LEDUC-WB AB, Canada
COMPLETIONS DATA				
NAME	START DATE	END DATE	AFE #	AFE AMOUNT
Rod Part	2023-11-05		23OP0051	\$0.00
Rod Part Remarks				



Material Transfer - Rod Part

WELL DATA				
NAME	LICENSE #	COST CENTRE	UWI	LOCATION
BLACKSPUR HZ LEDUC-WB 16-11-51-2 - Leo #4	0502001	TBD	100/16-11-051-02W5/00	LEDUC-WB AB, Canada
COMPLETIONS DATA				
NAME	START DATE	END DATE	AFE #	AFE AMOUNT
Rod Part	2023-11-05		23OP0051	\$0.00

1 - Incoming Transfer							
DATE	LOCATION	LOCATION AFE#	CARRIER	APPROVED BY			
2023-11-10	16-11-51-2w5m/ from 16-5 battery	23OP0051	TKO Trucking	Wayne Vandergaag			
MANUFACTURER	DESCRIPTION	CONDITION	COUNT	UNIT	QUANTITY	VALUE	
No Transfer Entries Defined							

2 - Outgoing Transfer							
DATE	LOCATION	LOCATION AFE#	CARRIER	APPROVED BY			
2023-11-10	16-11-51-2ww5m to 16-5 battery	23OP0051	TKO Trucking	Wayne Vandergaag			
MANUFACTURER	DESCRIPTION	CONDITION	COUNT	UNIT	QUANTITY	VALUE	
Pulled and grenn/red tubing	88.9mm x 13.84 kg/m x J-55	E - Junk	21-jts			\$420.00	