ATHABASCA OIL CORPORATION

AER HANGINGSTONE PROJECT UPDATE

January 2020

ATHABASCA OIL CORPORATION

INTRODUCTION

PROJECT DESCRIPTION AND STATUS

SUBSURFACE

- Geoscience
- Well Design and Instrumentation
- 4-D Seismic and Monitoring
- Scheme Performance
- Future Plans

SURFACE

- Facilities
- Measurement and Reporting
- Facility Performance
- Water Production, Injection and Uses
- Sulphur Production
- Compliance
- Future Plans

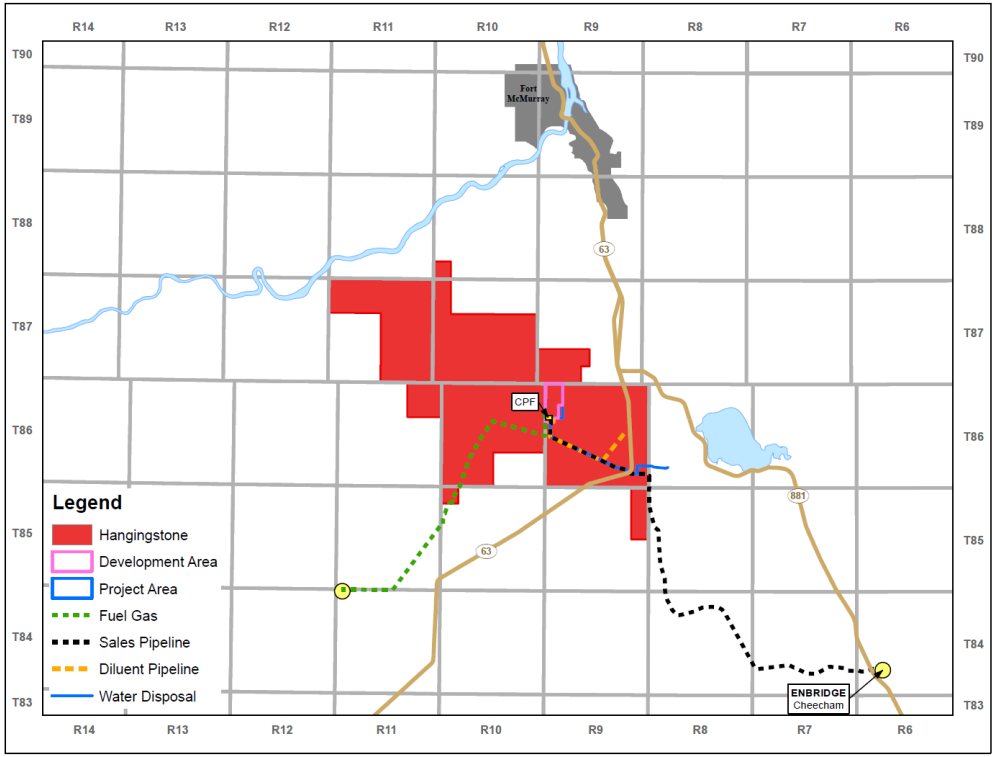
DEVELOPMENT OVERVIEW

PROJECT DETAILS

- Located 20 km south of Fort McMurray, AB
- 5 production pads
- 25 horizontal well pairs (5 well pairs per pad)
- Central Processing Facility (CPF)
- Offsite services and utilities

INFRASTRUCTURE

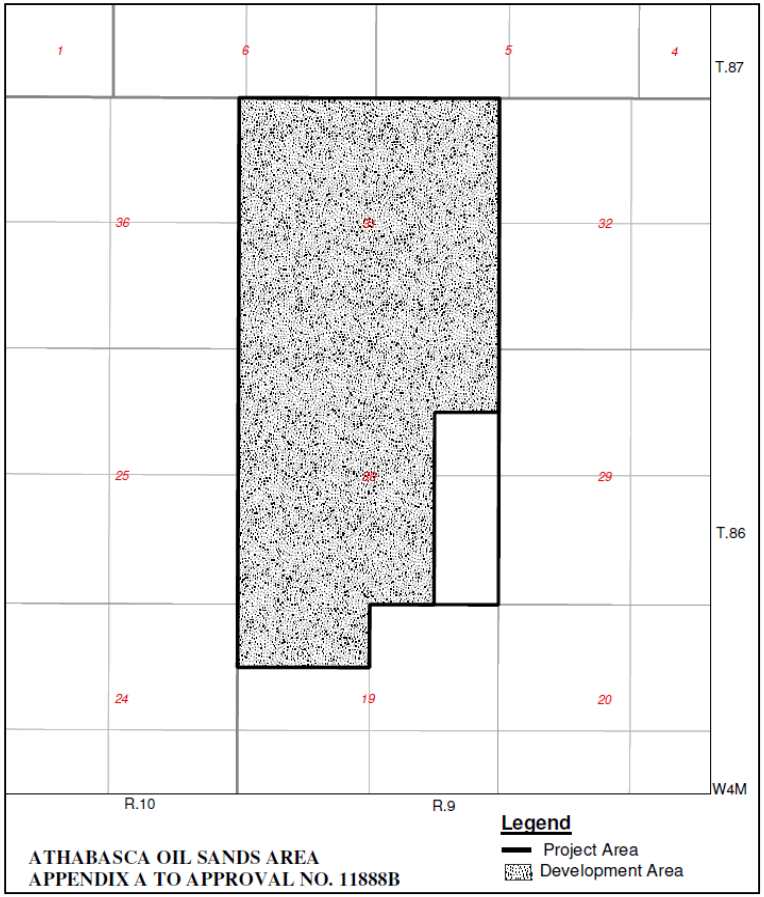
- Fuel gas from TransCanada Pipeline (TCPL)
- Dilbit export to Enbridge Cheecham Terminal
- Diluent from Inter Pipeline (IPL)



STATUS AND SCHEME MAP

HANGINGSTONE PROJECT

- First steam (downhole) achieved March 2015
  - *First oil produced July 2015*
- 24 well pairs in SAGD mode and 1 standing well pair
  - *Last well pair (AA03) to be brought on-stream when steam is available*
- Expansion application submitted in 2013
  - *Environmental Impact Assessment report deemed complete by the AER pursuant to Section 53 of EPEA*
  - *Expands Project Area and Development Area*
  - *Application includes 3 phases (+70,000 bbl/d)*



SUBSURFACE

GEOSCIENCES

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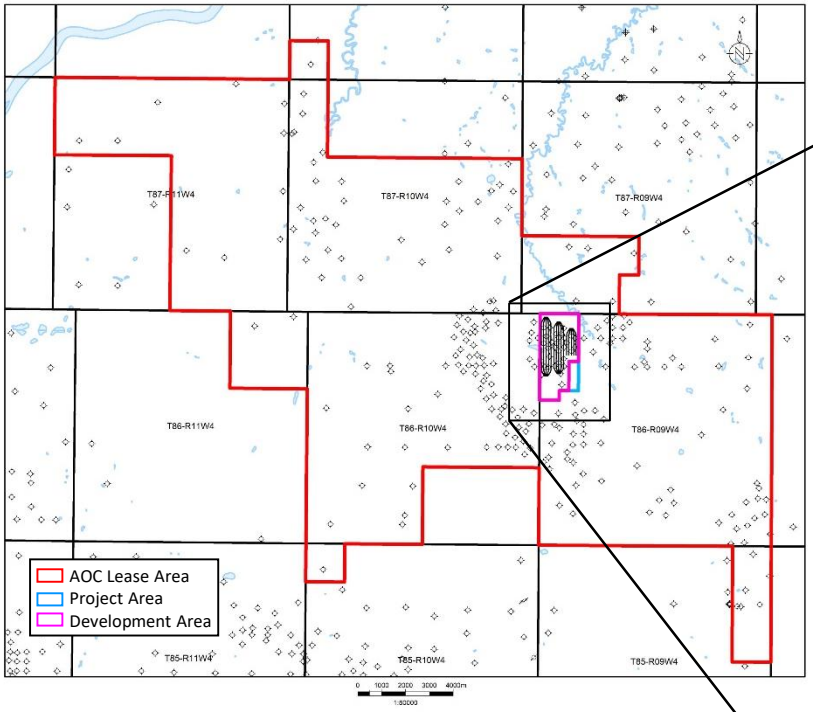
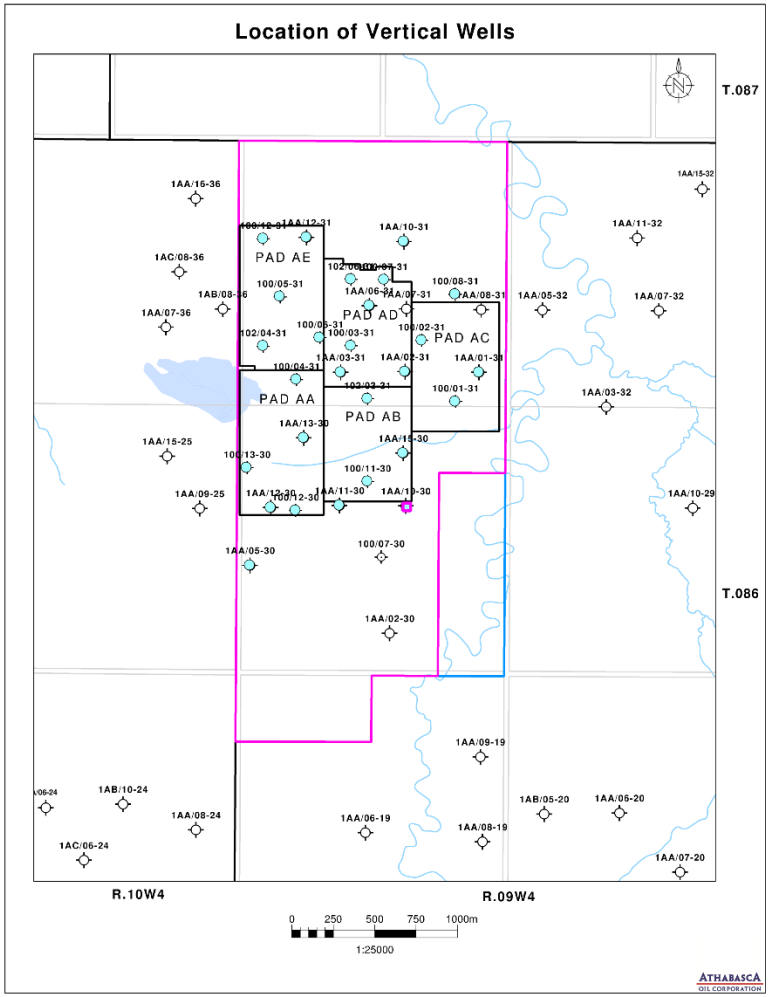
SURFACE DATA OVERVIEW

IN THE REPORTING PERIOD THERE WERE NO NEW GEOSCIENCE ANALYSES OBTAINED

- i.e. cores, petrographic, geomechanical or fracture pressure or caprock integrity tests

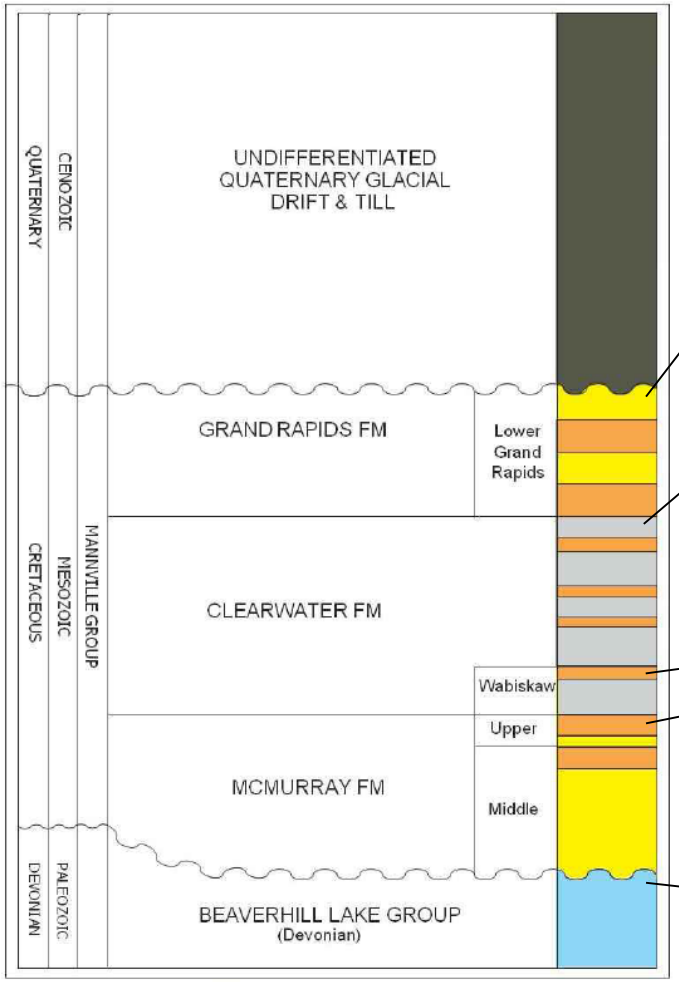




Area	Area (km^2)	MCMR Cored Wells	Image Logs	Caprock Core
Development Area	5.1	26	31	1
Project Area	5.6	26	31	1

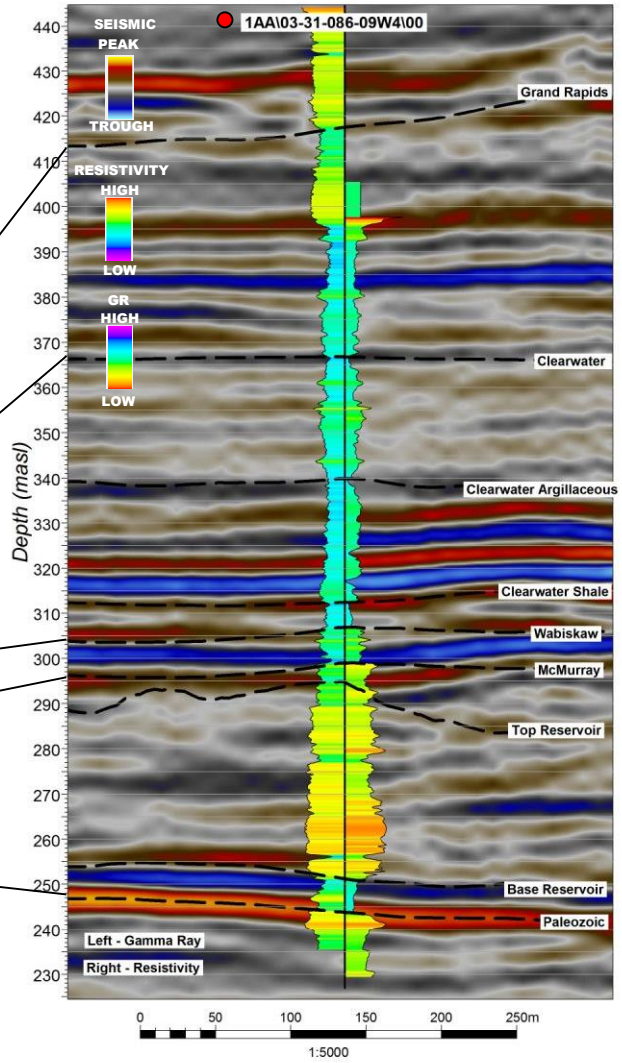
STRATIGRAPHY AND REFERENCE WELL

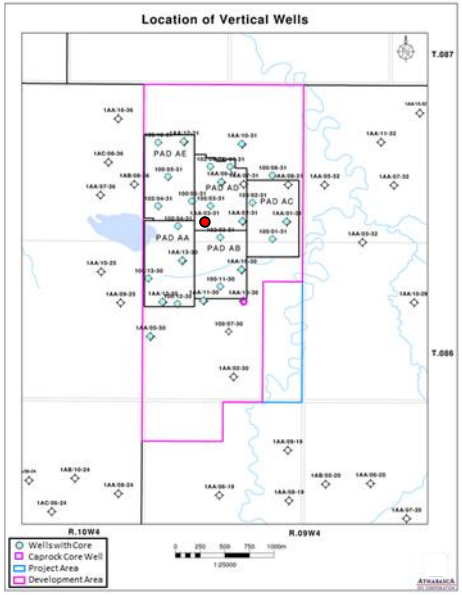
MIDDLE MCMURRAY TARGET RESERVOIR



FACIES

Sand	
Sandy IHS	
Muddy IHS	
Mudstone	
Limestone	

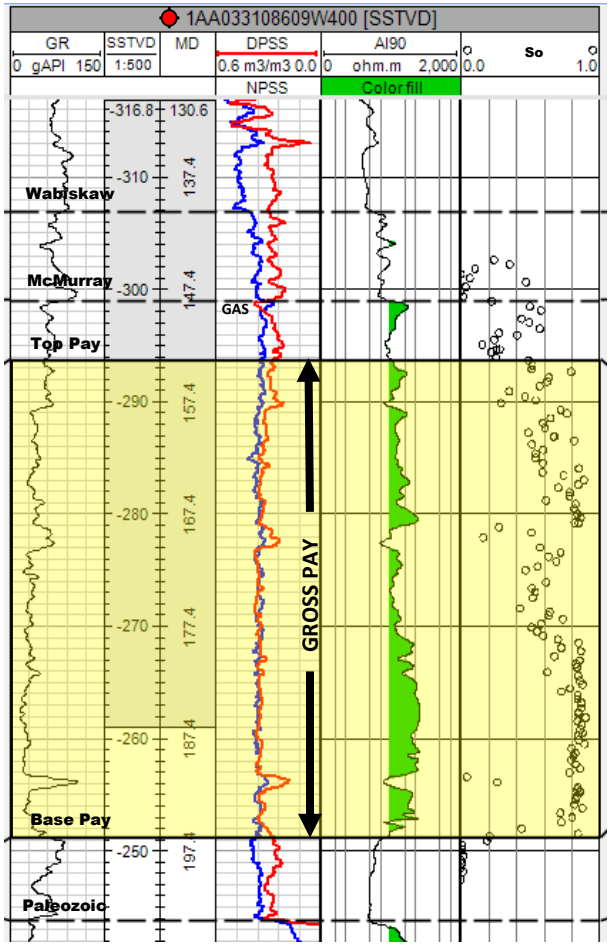


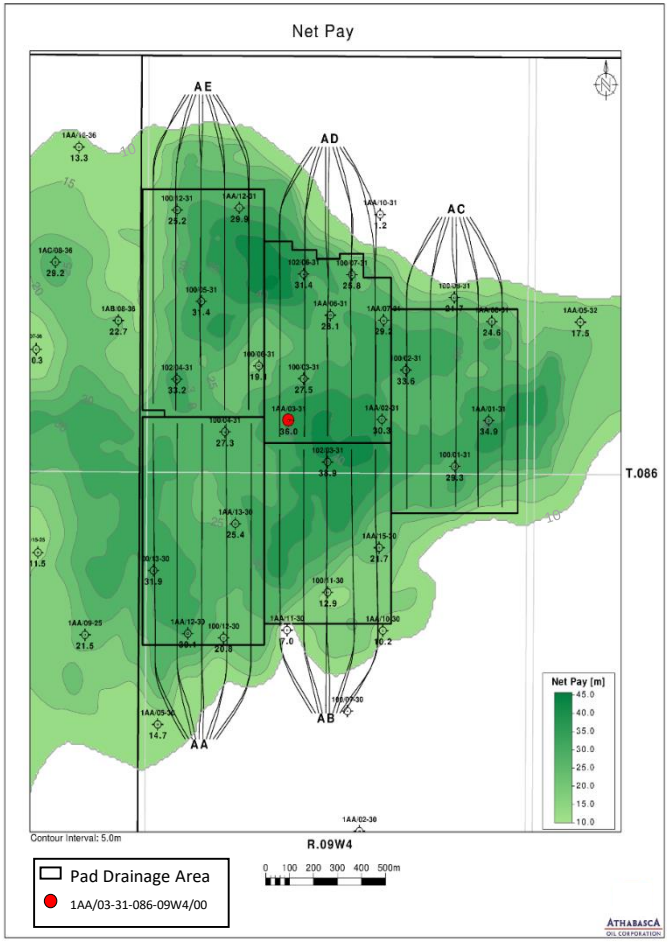


GROSS AND NET PAY

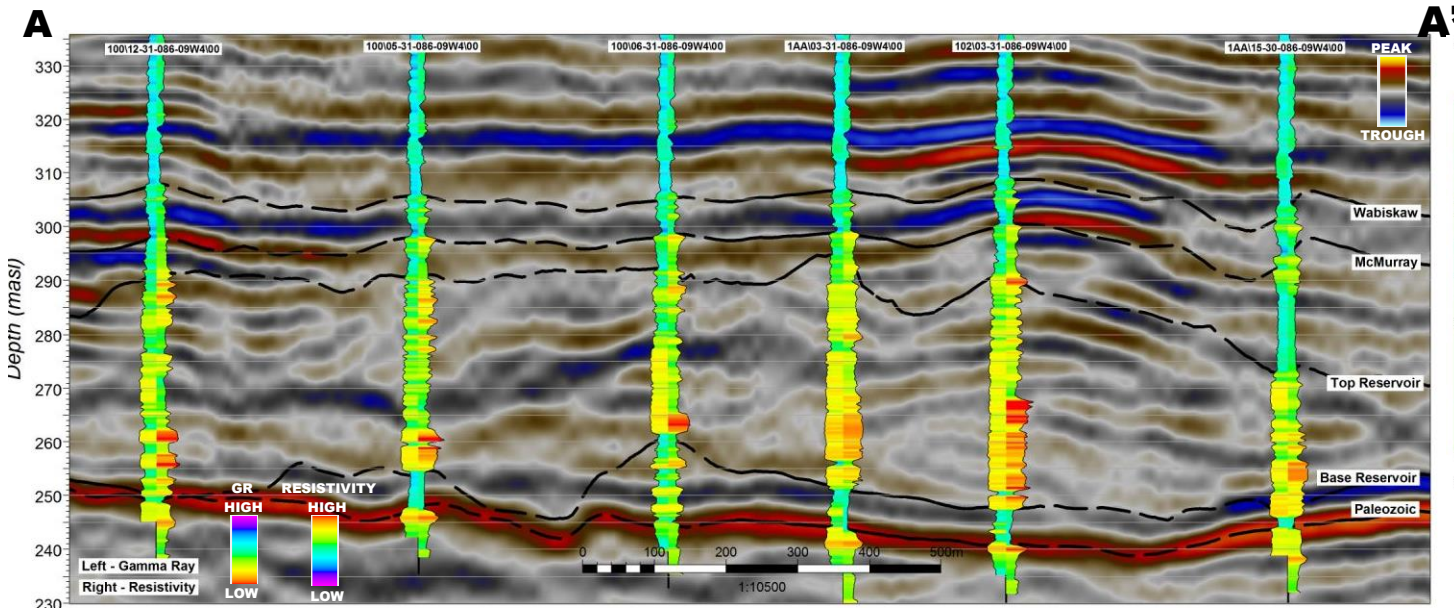
MIDDLE MCMURRAY GROSS PAY DEFINITION

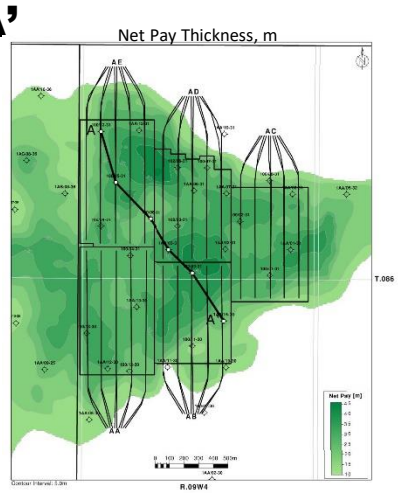
- Thickness >= 10 m
- GR < 70 API
- Density > 27%
- Resistivity >18 ohm-m
- Water Saturation < 50%
- Includes < 1 m thick mud
- Net pay thickness uses gross pay criteria but excludes mud

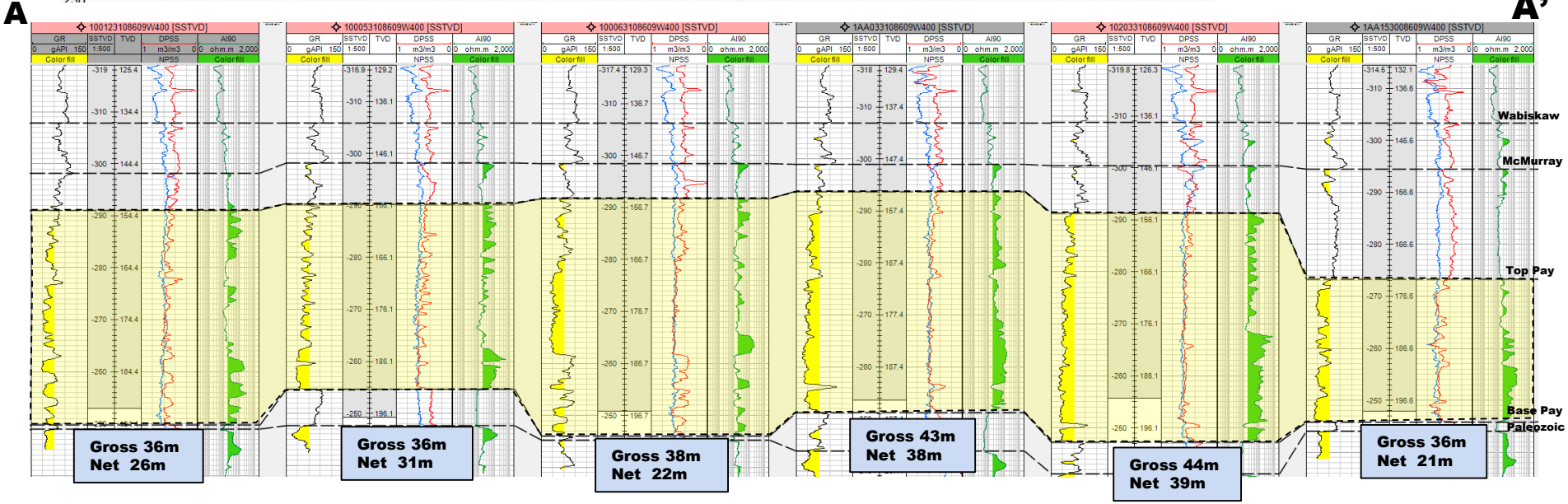




STRUCTURAL CROSS SECTION NW-SE ACROSS HS1 AREA

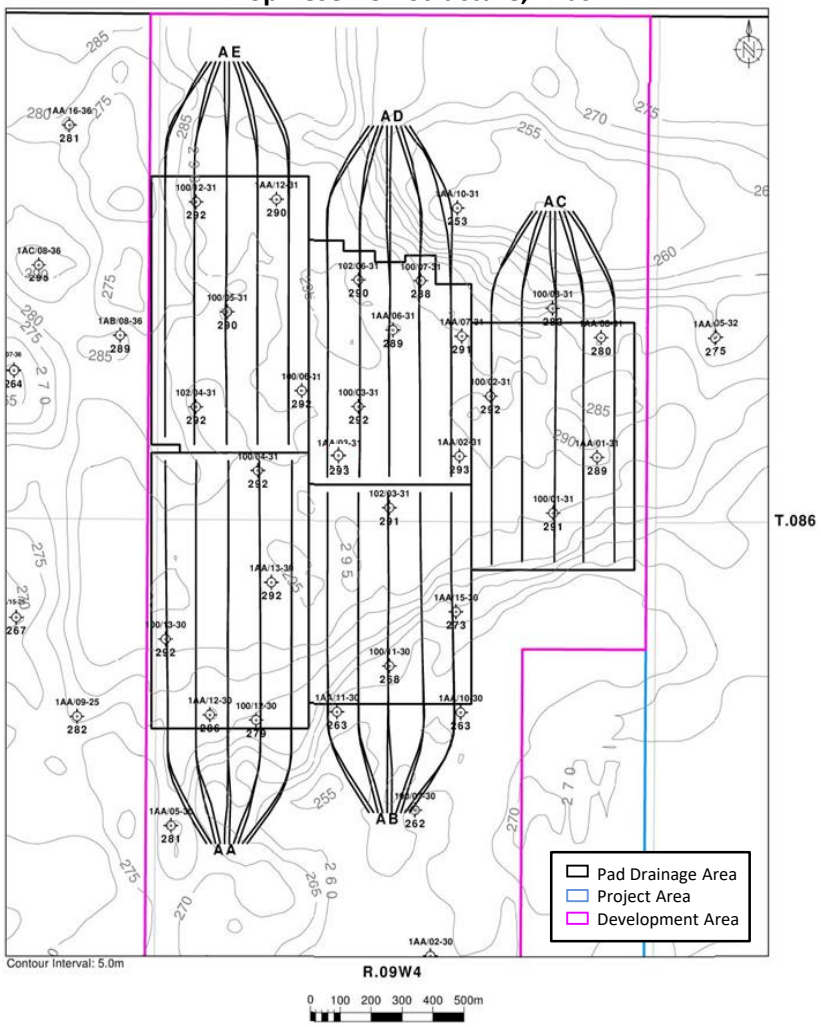






RESERVOIR STRUCTURE MAPS

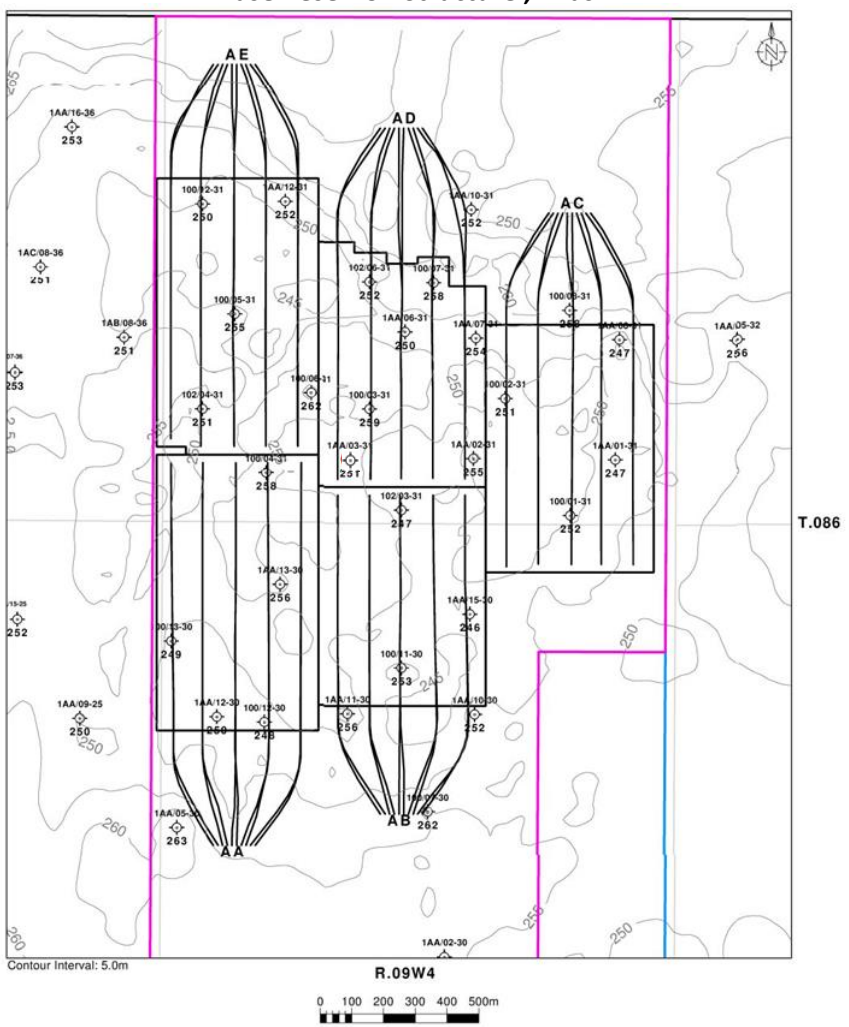
Top Reservoir Structure, m asl



ELEVATION RANGE

- 262 to 301 m asl

Base Reservoir Structure , m asl



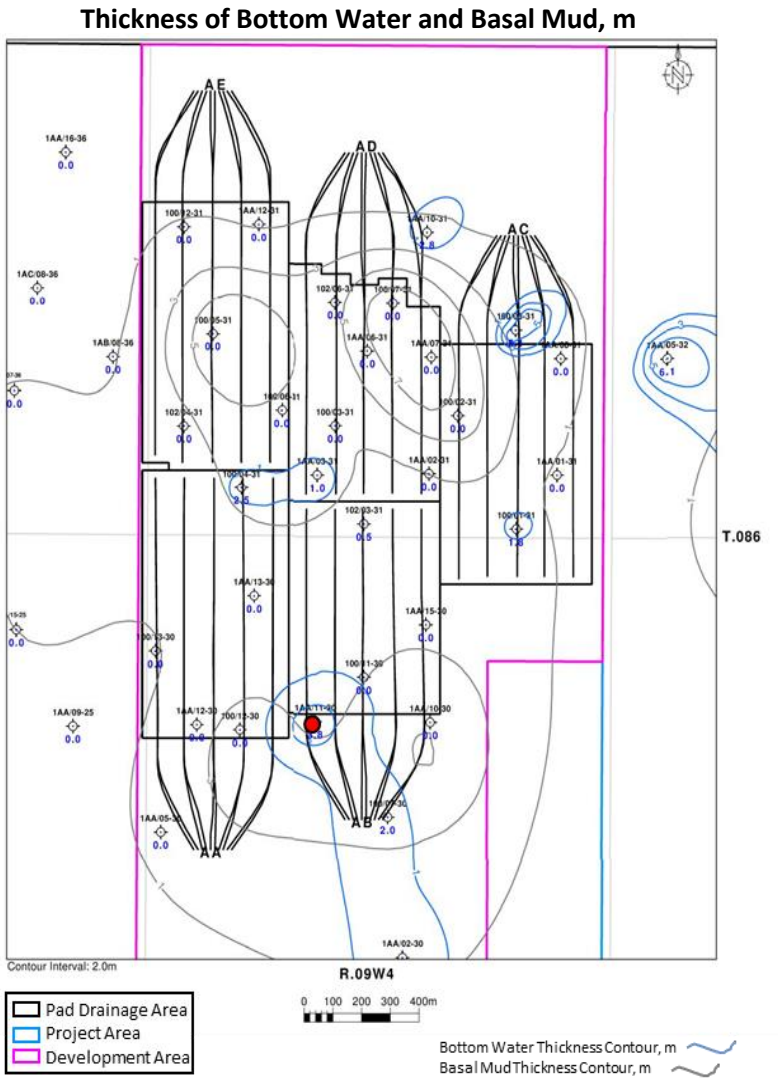
ELEVATION RANGE

- 241 to 262 m asl

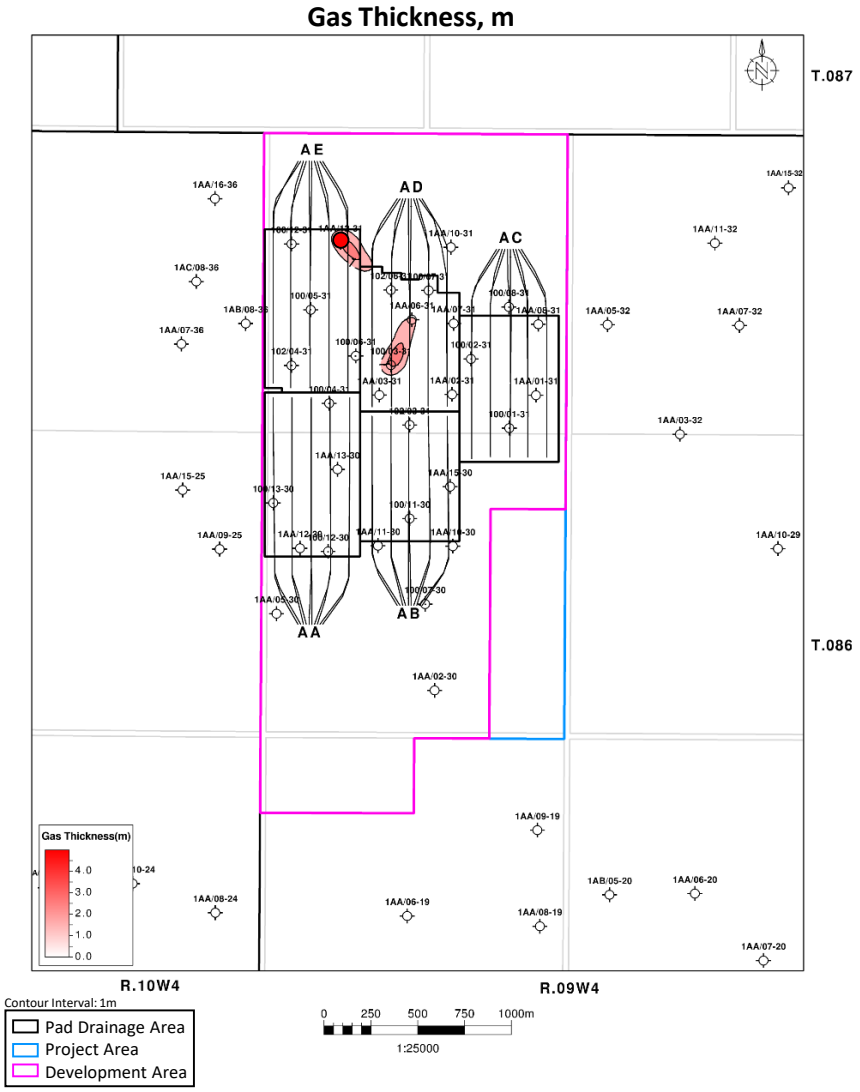
BOTTOM WATER THICKNESS MAP

BOTTOM WATER

- Localized and not in direct contact with bitumen; separated by MIHS or mud
- Bottom water interval consists of interbedded mud and sand (resistivity < 10 ohm-m)

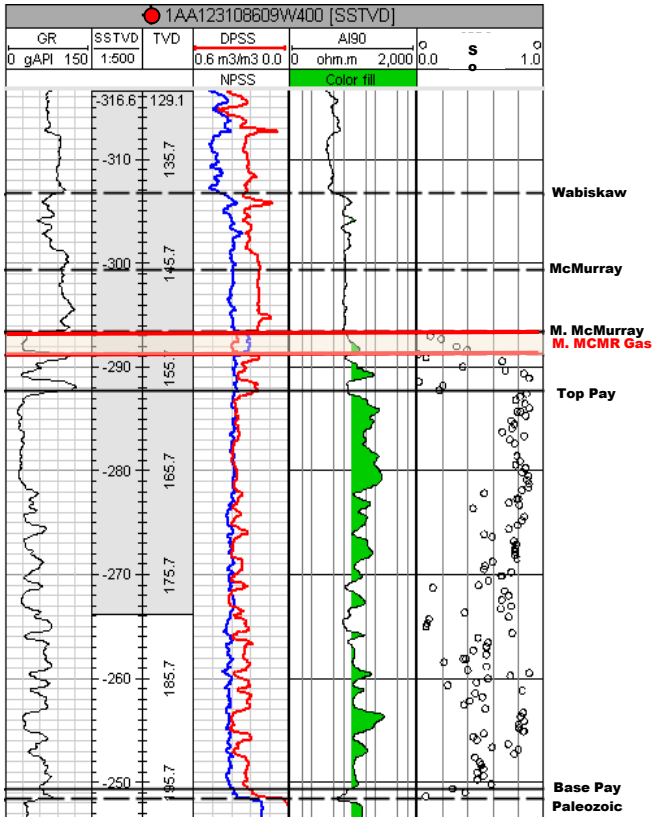


MIDDLE MCMURRAY FM GAS THICKNESS MAP



MIDDLE MCMURRAY GAS

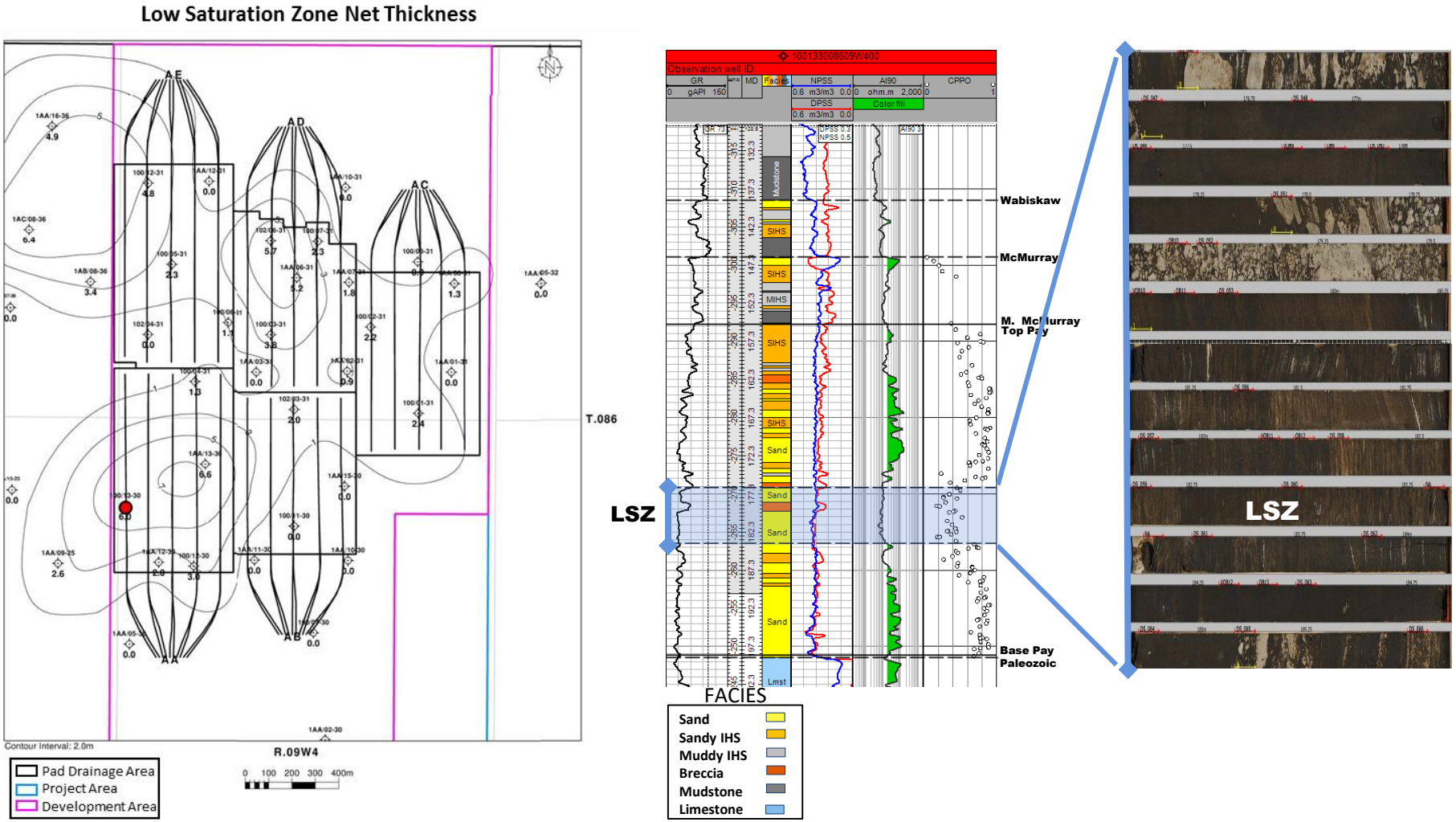
- Minimal thickness and limited distribution within the development area



LOW BITUMEN SATURATION THICKNESS MAP

LOW BITUMEN SATURATION ZONE (LSZ)

- GR<60 API, density porosity >0.27 and resistivity 10-18 ohm-m and core water saturation >50%
- Core So= 0.36 and porosity = 0.37, thus the LSZ will still contribute to the overall bitumen production



GEOMECHANICS

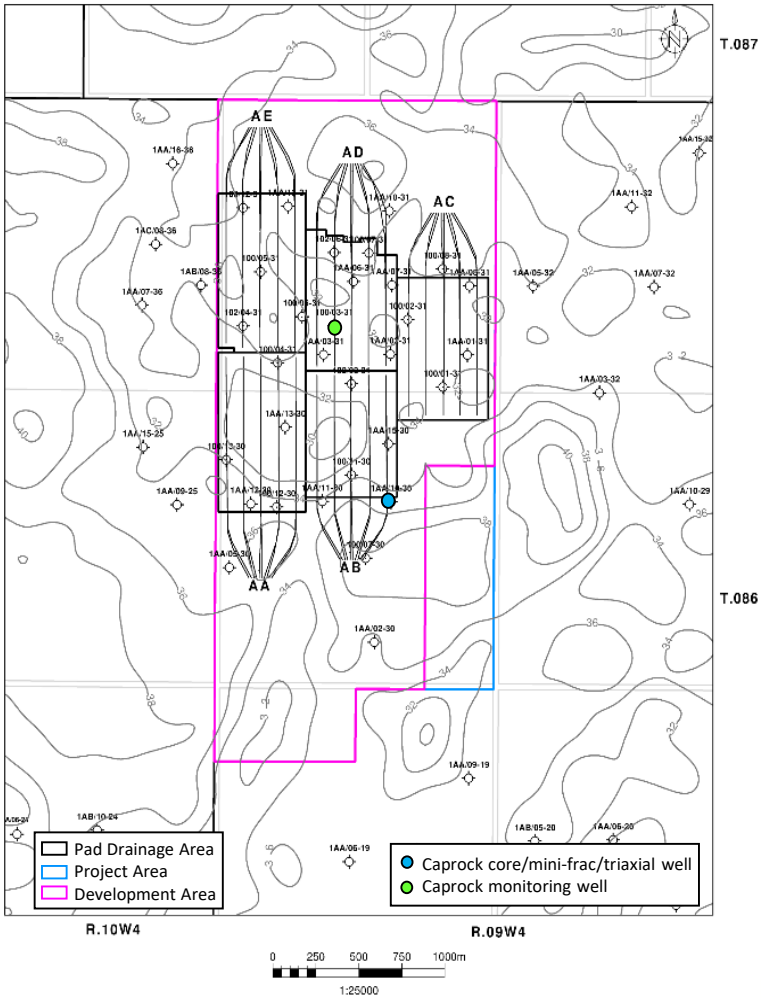
2019

- No pressure or temperature change has been observed in the caprock during the reporting period
- No new caprock core, mini-frac or tri-axial testing completed during the reporting period

HISTORICAL

- Caprock is defined as the unit between the top of the Clearwater and Wabiskaw
- One observation well has one piezometer and two thermocouples in the caprock

Caprock Thickness Map, m



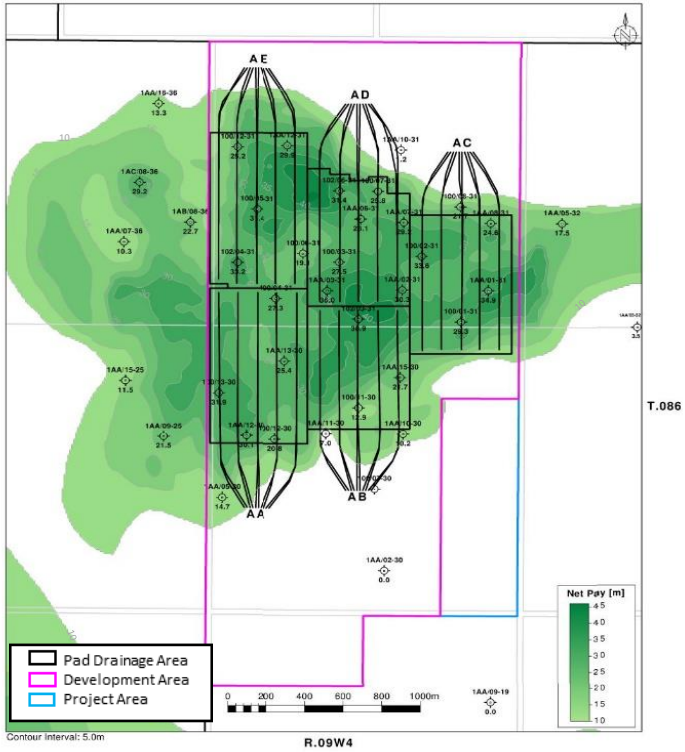
RESERVOIR PROPERTIES AND OBIP

RESERVOIR PROPERTIES

- Typical Producer Depth: 191 TVD (258 masl)
- Initial Reservoir Pressure @ 190 m TVD: 600 kPaa
- Initial Reservoir Temperature: 8°C
- Horizontal Permeability: 3,500-4,300 mD
- Vertical Permeability: 2,800-3,600 mD
- Bitumen Viscosity @ initial reservoir temperature: >1 mln cP

Gross OBIP = Thickness from Top to Base Pay x Area x Porosity x So

Net Pay Thickness (m) from Top to Base Pay



	Avg Por (frac)	Avg So (frac)	OBIP (mln m³)
Drainage Areas	0.36	0.72	15.6
Development Area	0.36	0.72	18.6
Project Area	0.36	0.72	18.6

SUBSURFACE

WELL DESIGN AND INSTRUMENTATION

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SAGD DRILLING SUMMARY

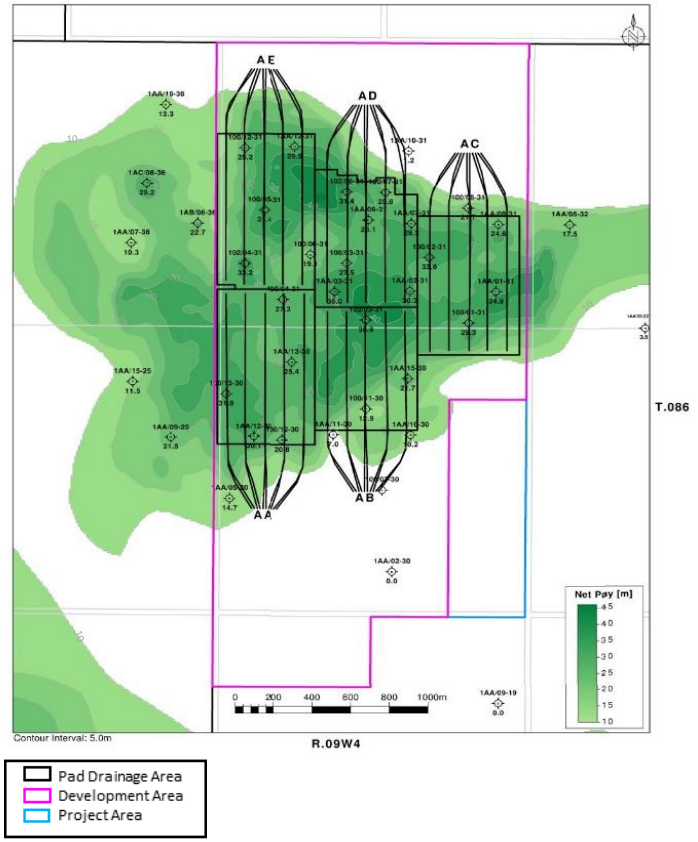
2019

- No new wells were drilled during this reporting period

HISTORICAL

- 5 well pads with 25 well pairs

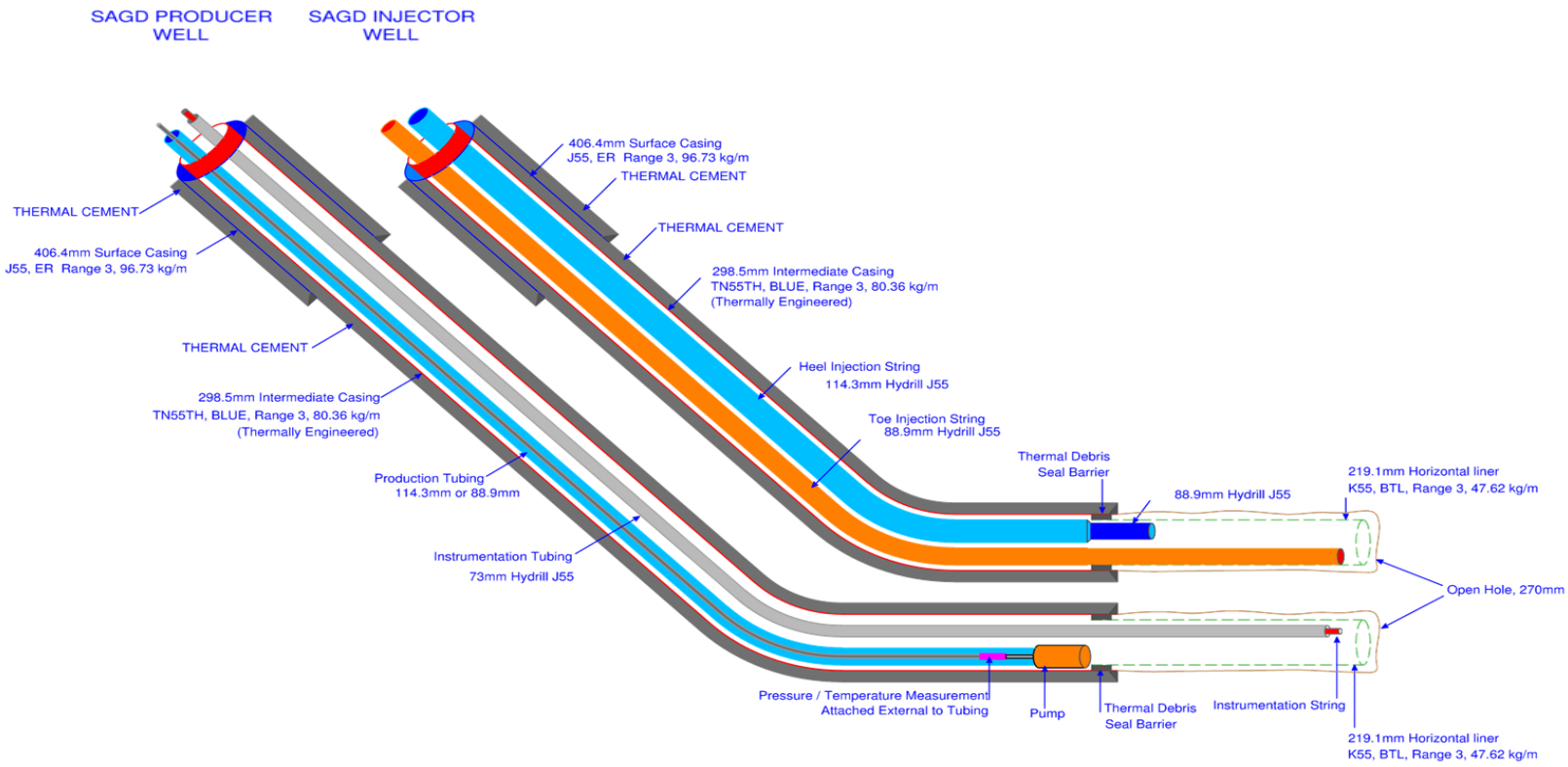
Net Pay Thickness (m) from Top to Base Pay



TYPICAL COMPLETION & ARTIFICIAL LIFT

- All wells initially completed with all-metal PCP
  - *Converted from PCPs to ESPs as rates improved and the wells matured*
- Typical pump operating conditions:
  - *Average bottomhole pressure = 1,800 kPag*
  - *Average bottomhole temperature = 180 °C*
- ESP run life greater than 2 years on 14 wells
  - *7 ESPs with greater than 1,000 day run life*

Artificial Lift Performance	PCP	ESP
Typical Minimum Rate (m^3/d)	100	125
Typical Maximum Rate (m^3/d)	600	825



Well	Type
AA1	ESP
AA2	ESP
AA3	PCP*
AA4	ESP
AA5	PCP
AB1	ESP
AB2	ESP
AB3	ESP
AB4	ESP
AB5	ESP
AC1	ESP
AC2	PCP
AC3	ESP
AC4	ESP
AC5	ESP
AD1	ESP
AD2	ESP
AD3	ESP
AD4	PCP
AD5	ESP
AE1	ESP
AE2	ESP
AE3	ESP
AE4	ESP
AE5	ESP

*Production assurance well

INSTRUMENTATION & FLOW CONTROL

TEMPERATURE

- Two types of fiber for temperature measurements
  - *Fiber Bragg Grating (FBG) and Distributed Temperature Sensing (DTS)*

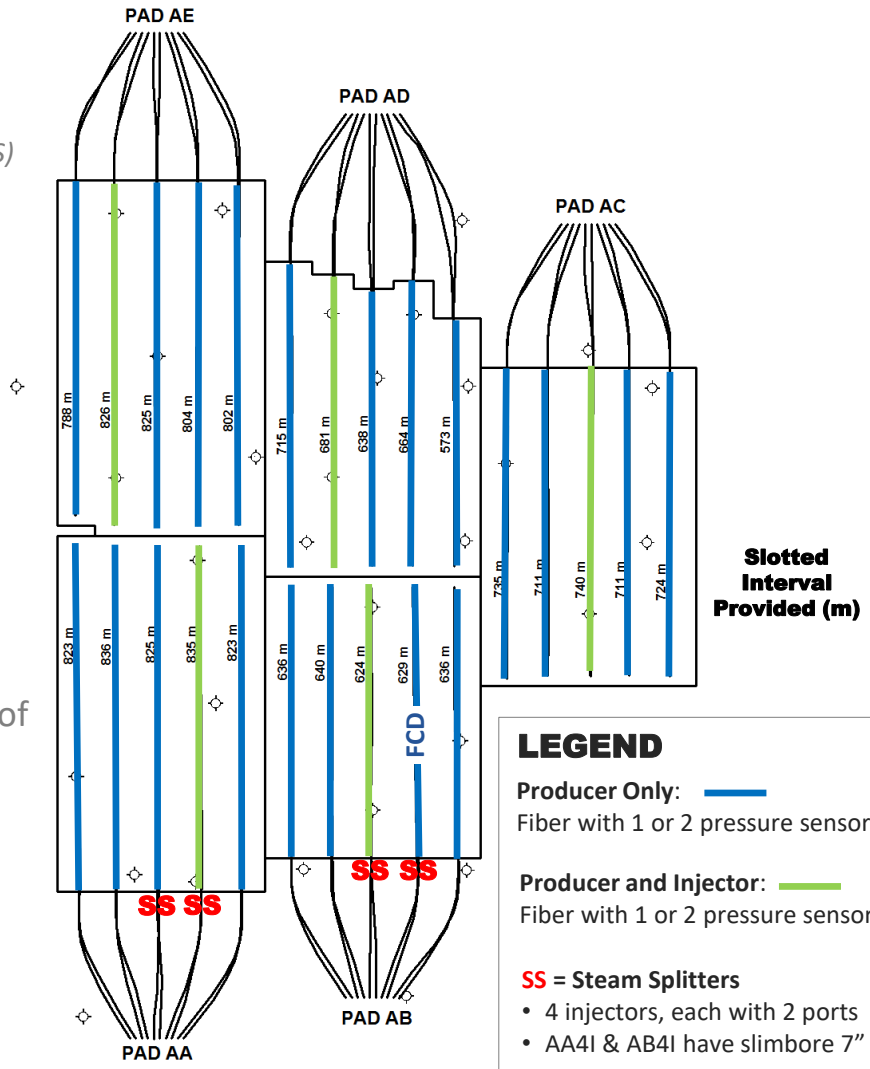
BOTTOMHOLE PRESSURE (BHP)

- Injector BHP is measured with blanket gas
- Producer BHP is measured using optical gauges and/or bubble tubes

FLOW CONTROL DEVICES (FCDs)

- FCD installed in well AB04, March 2018
- Evaluation of performance is inconclusive due to impact of voluntary curtailment after install

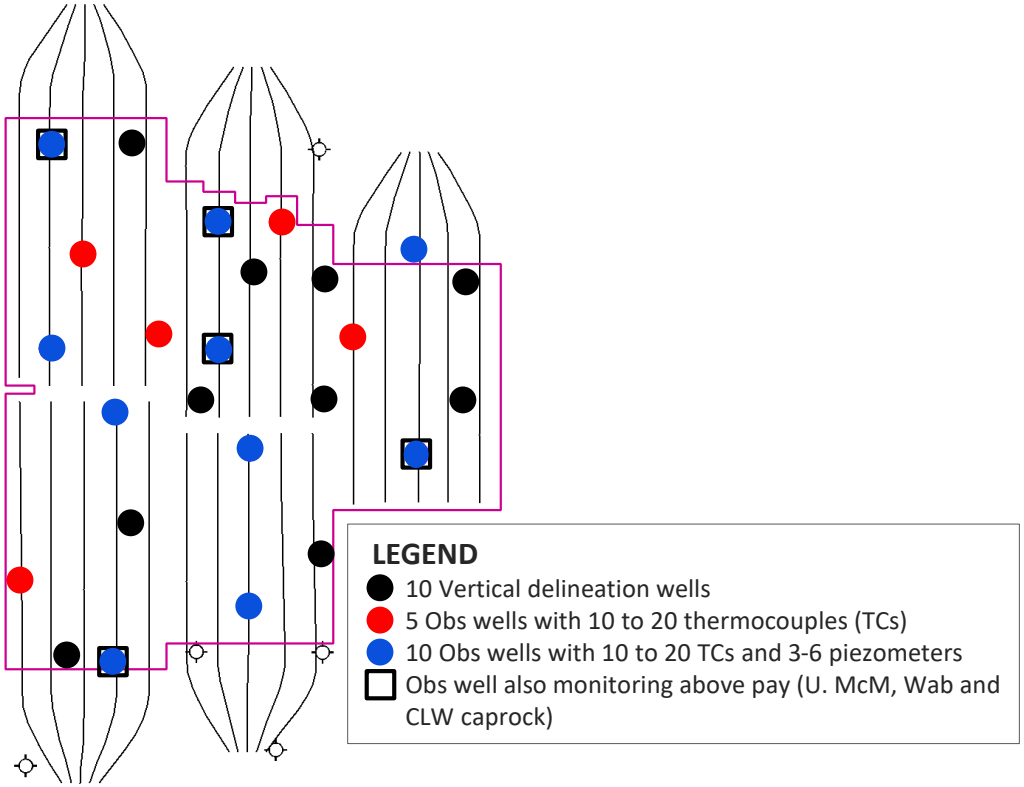
Instrumentation and Completions

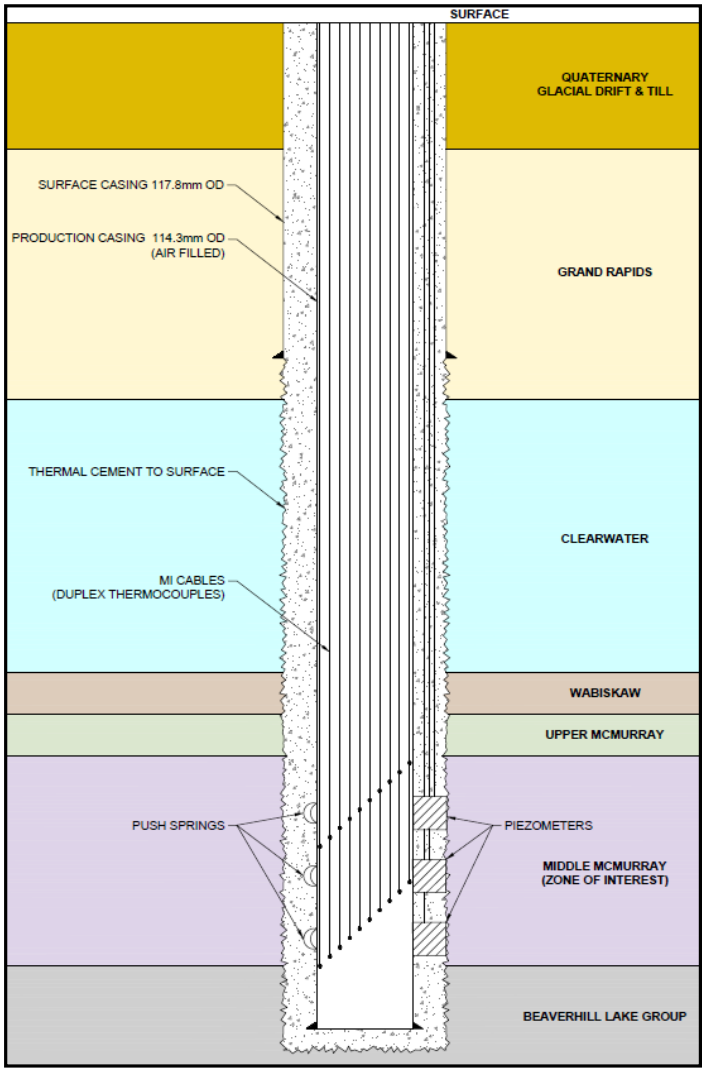


INSTRUMENTATION – OBSERVATION WELLS

OBSERVATION WELLS

- Instrumentation used to monitor reservoir pressure and temperature
  - *Some pressure sensors have failed (typically after steam conditions observed)*





SUBSURFACE

4D SEISMIC AND MONITORING

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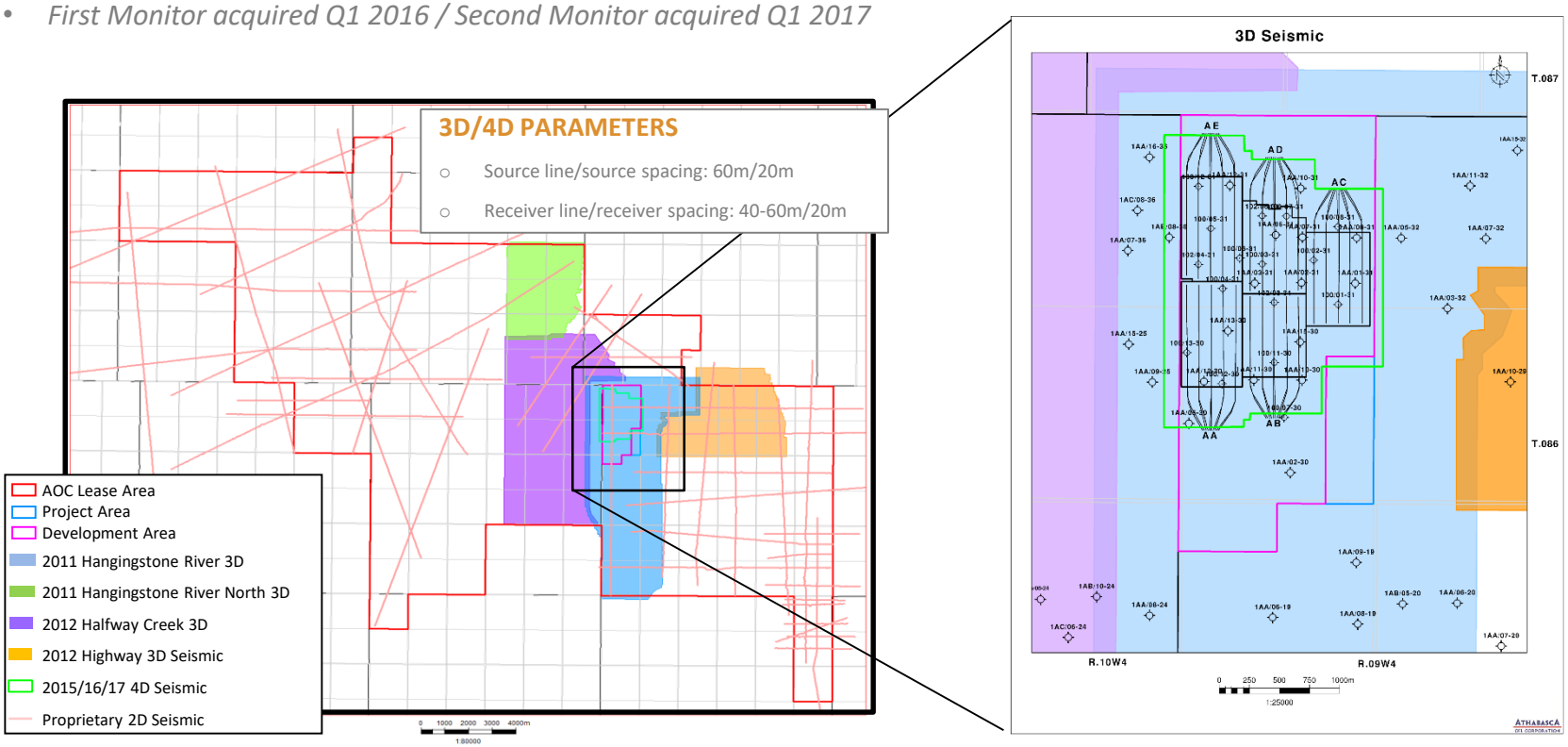
SEISMIC DATA OVERVIEW

2019

- No new data acquired in reporting period

HISTORICAL

- 3D acquired in 2011 and 2012, merged in 2012
- Total proprietary 2D ~ 450 km
- Total 3D area ~98 km^2 (merged), covers development area
- Total 4D area ~3.72 km^2
  - *Baseline acquired Q1 2014*
  - *First Monitor acquired Q1 2016 / Second Monitor acquired Q1 2017*



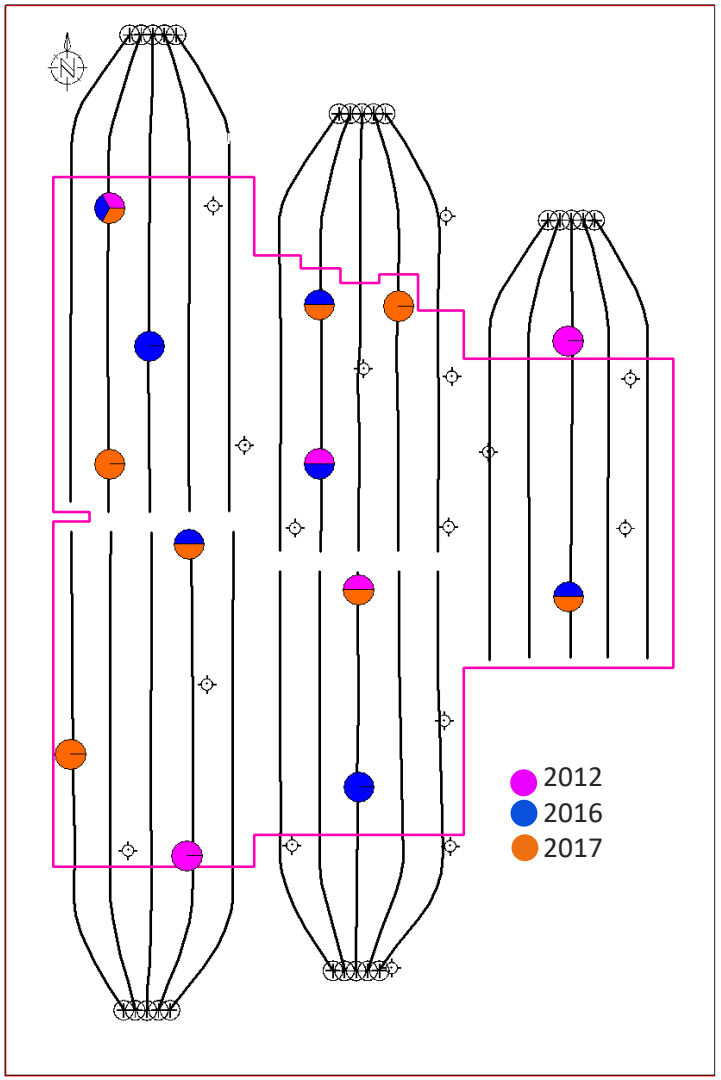
RESERVOIR SATURATION TOOL

2019

- No new data acquired in reporting period

HISTORICAL

- Baseline acquired in 2012
- 2016 acquired 7 saturation logs; 2017 acquired 8 saturation logs
- Results show steam chamber thickness correlates with observation well temperature profiles



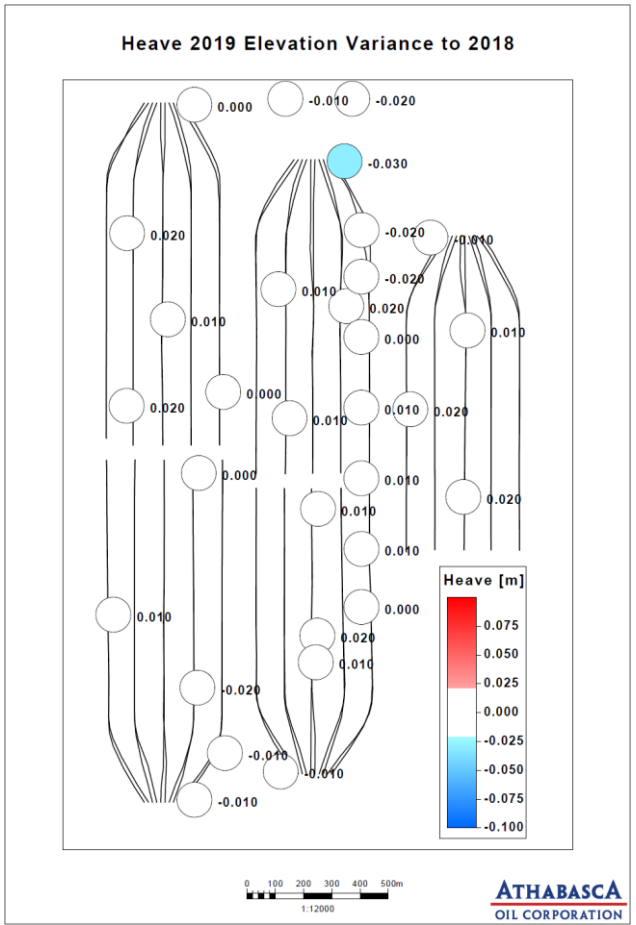
SURFACE HEAVE MONITORING

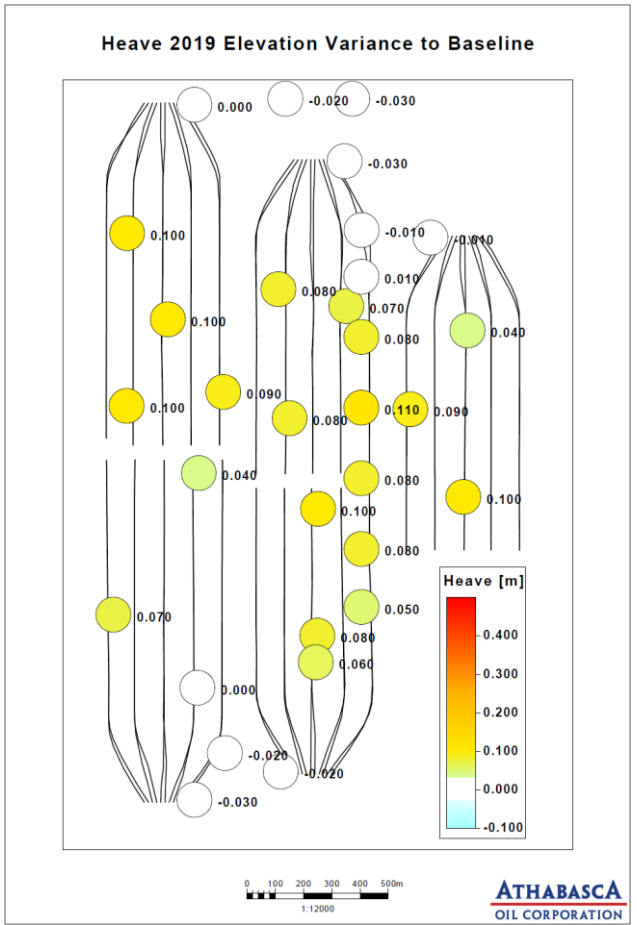
PROGRAM DESIGN

- 31 permanent surface heave monuments (0.30 x 0.30 m plate)
- Survey tolerance range is +/- 3 cm

SURVEY/RESULTS

- During 2019 the maximum change observed was within the +/- 3 cm survey tolerance
- The maximum change observed between 2015 and 2019 is 11 cm





SUBSURFACE

SCHEME PERFORMANCE

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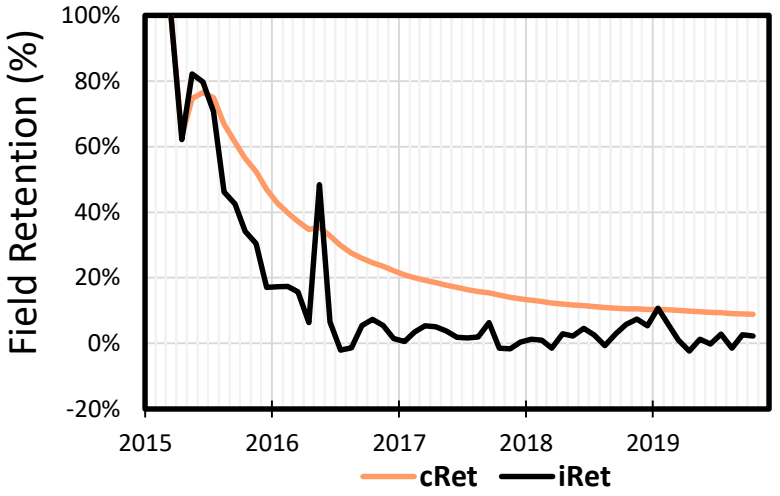
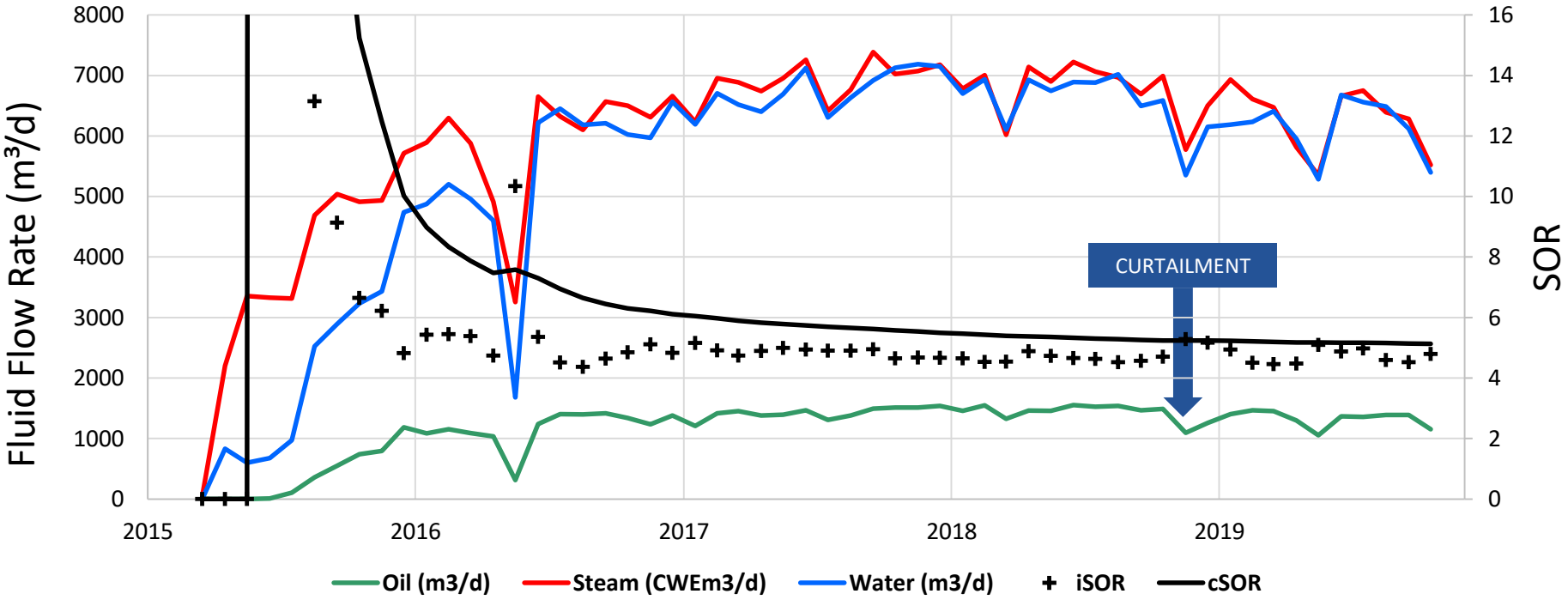
FIELD HISTORY

- 24 of the 25 SAGD well pairs on production
- Injectors at target operating pressure
- SOR declining as upper portions of the reservoir drain
- Maximum monthly bitumen rate 1,466 m³/d (9,223 bbl/d) with SOR of 4.5 (Feb 2019)
- Curtailed production in Q4 2018 in response to extreme pricing differentials





PAD RECOVERY

Pad	Well Pairs	Average Lateral Length (m)	Average Net Pay (m)	Oil Saturation (frac)	Total Net Pay Porosity (frac)	OBIP (10^6 m³)	Current Recovered[1] (10^6 m³)	Current Recovery Factor (%)	Predicted Recovery Factor (%)
AA	4/5	850	28.0	0.71	0.35	3.3	0.31	9.4	50-70
AB	5/5	640	29.3	0.73	0.37	2.9	0.68	23.5	50-70
AC	5/5	750	28.7	0.70	0.36	3.0	0.25	8.5	50-70
AD	5/5	670	32.1	0.71	0.35	3.2	0.35	11.0	50-70
AE	5/5	830	28.2	0.70	0.35	3.2	0.39	12.3	50-70
TOTAL	24/25					15.6	1.99	12.8	50-70

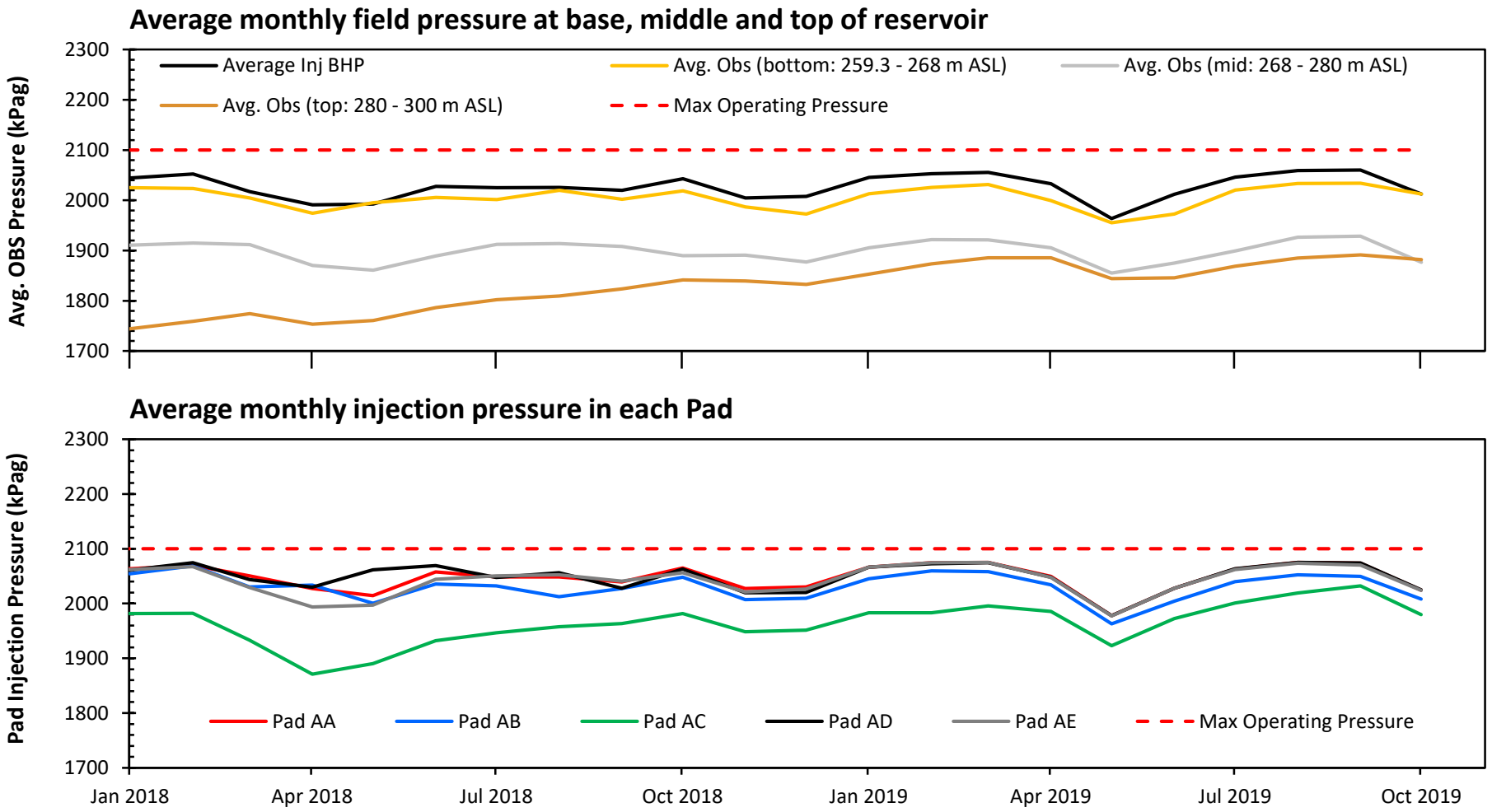
[1] Recovery Factor based on cumulative oil production in Oct 2019

Notes:

- Well Spacing: 100 m, Spacing between pads: 130 m
- Volumetrics include 25 m at heel and toe of the well pair
- OBIP is gross oil volume between base and top of pay

RESERVOIR PRESSURE

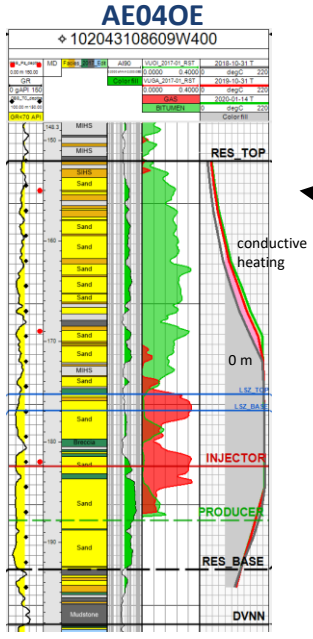
- Approved Maximum Operating Pressure is 2,100 kPag
- Throughout the reporting period, the reservoir continues pressuring up
  - *Pressure drops due voluntary curtailment in Nov/Dec 2018 and facility maintenance*
- No pressure change in caprock

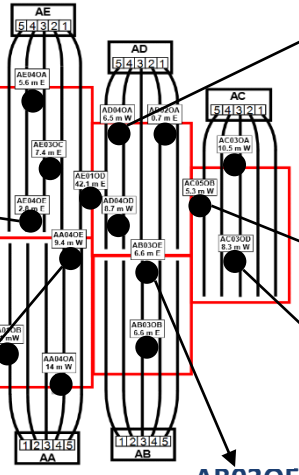


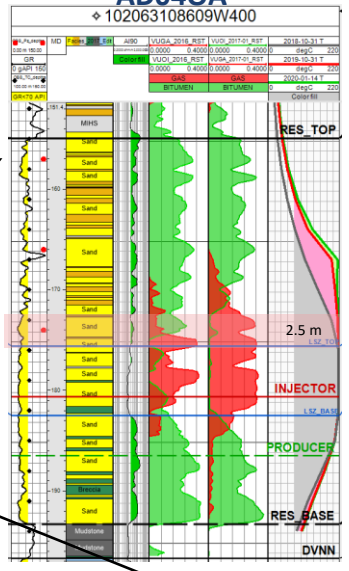
STEAM CHAMBER PROGRESSION IN OBSERVATION WELLS

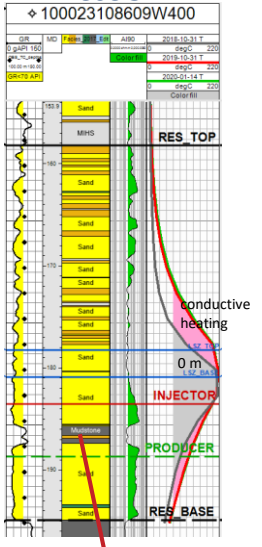
PROGRESSING THROUGH IHS

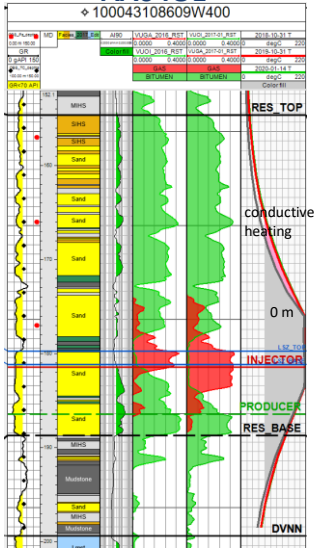
- Height of steam chamber top was maintained during voluntary curtailment; some pads showed increased steam chamber development over the year
- Conductive heating into IHS observed in all OBS wells

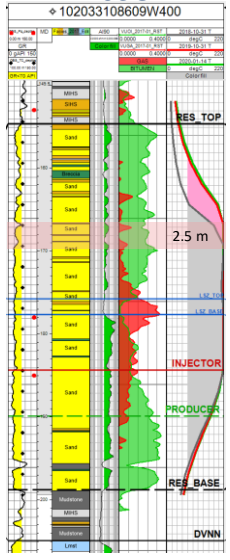


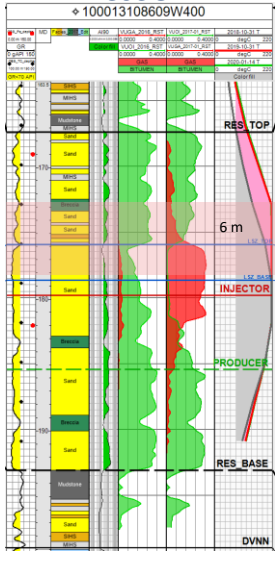












AC05OB: 1 to 2 m mudstone acted as a baffle, not a barrier, to flow

Temperature Plots

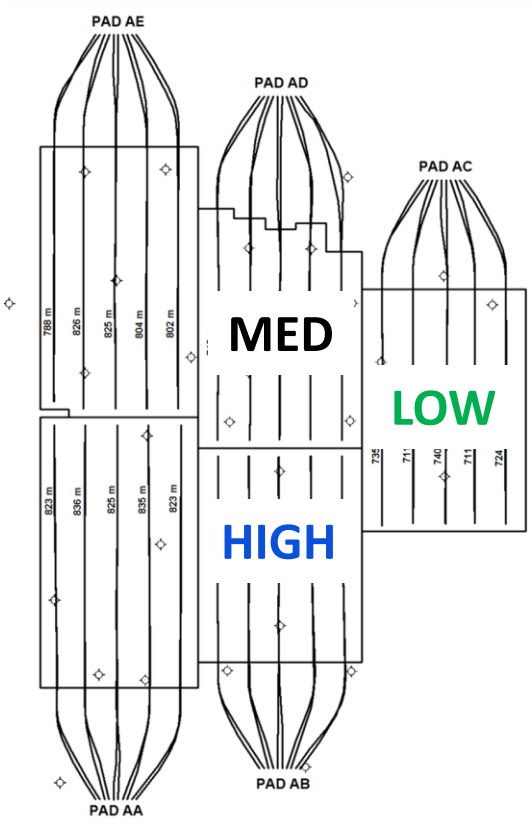
- Oct 31, 2018
- Oct 31, 2019
- Jan 14, 2020
- >80C Temp log cutoff for mobile oil (shaded)
- m Growth of Top of Steam Chamber from Oct 31, 2018 to Oct 31,2019

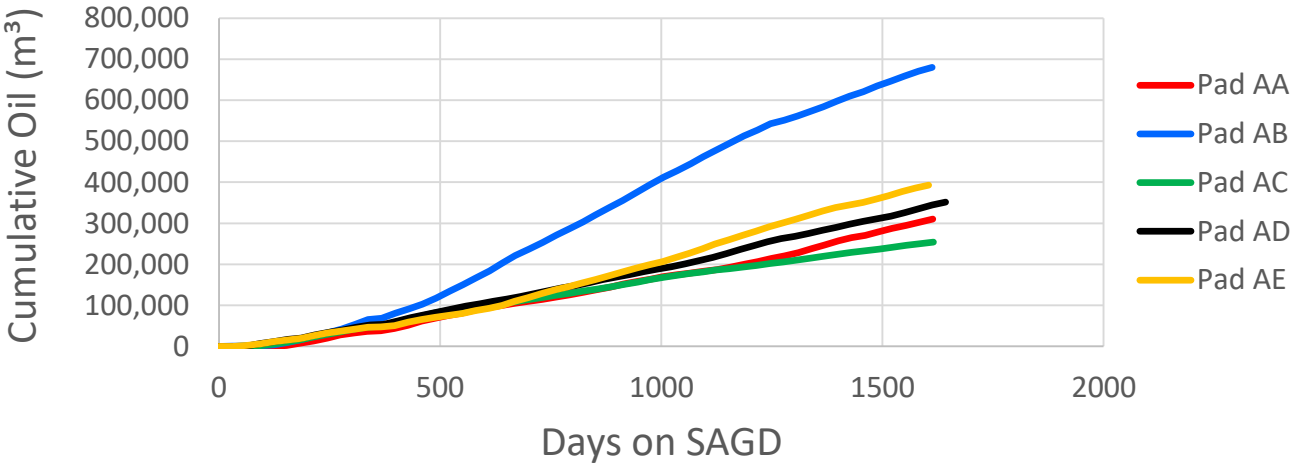
FACIES

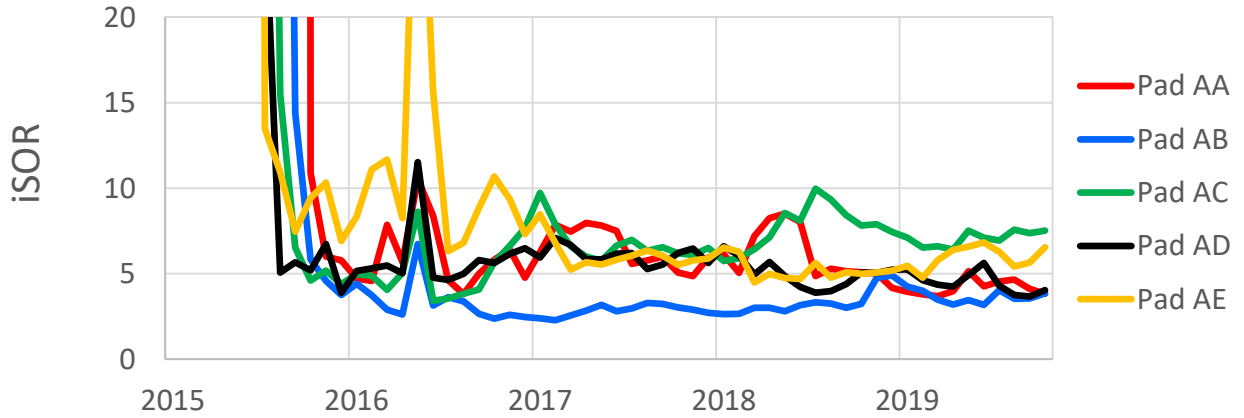
Sand
SIHS
MIHS
Breccia
Mudstone
Lmst

PAD PERFORMANCE

- Variation of pad performance depends on geology, pad boundary, well pair trajectories, pump performance and subcool conformance
  - *Pads AB, AD and AC selected as examples of high/medium/low performing pads*
    - *Selection based on cumulative oil recovery and cSOR*
    - *Differences in the productivity of the wells primarily due to geological variability*



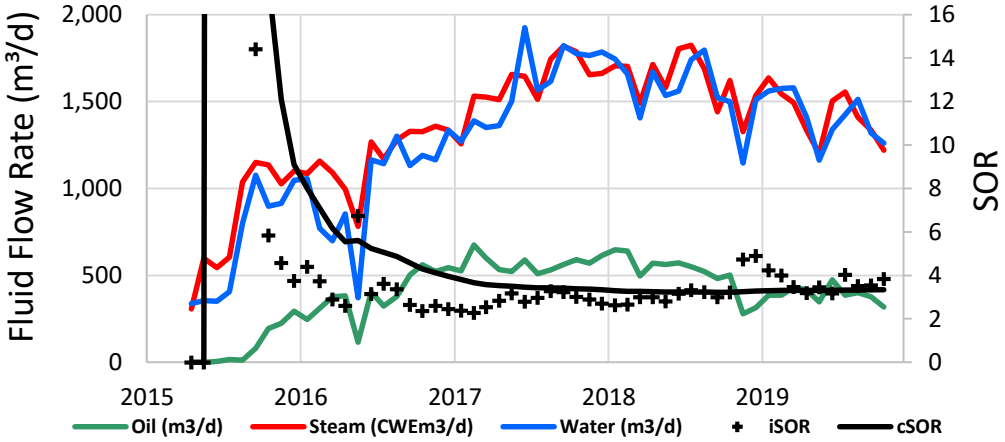




PAD PERFORMANCE – HIGH PAD AB

PAD AB

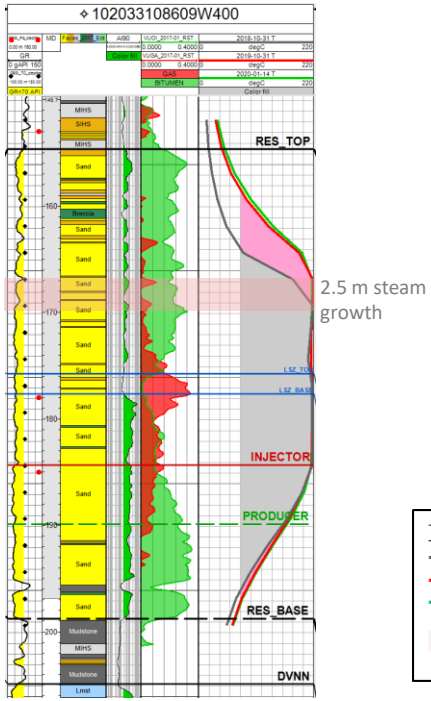
- Highest reservoir quality
  - *Mostly sandy reservoir*
  - *High oil saturation around well pairs*
  - *Thin low bitumen saturation zone*
- Highest average effective wellbore (97%)
- Peak well pair monthly rates >1,000 bbl/d

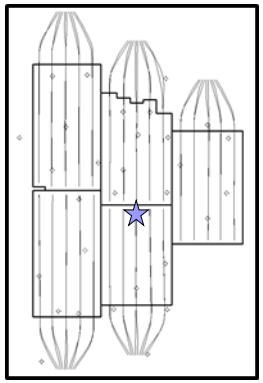


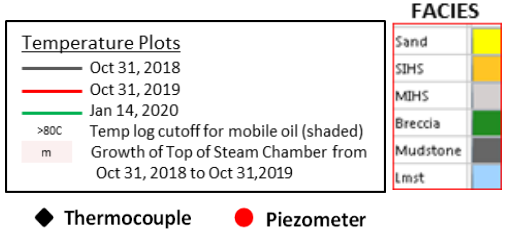
STEAM CHAMBER DEVELOPMENT

- Well AB03OE shows 2.5 m steam chamber rise near toe
- Pressure continues to increase at top of reservoir (through IHS)

AB03OE - TOE (6.6m OFFSET)







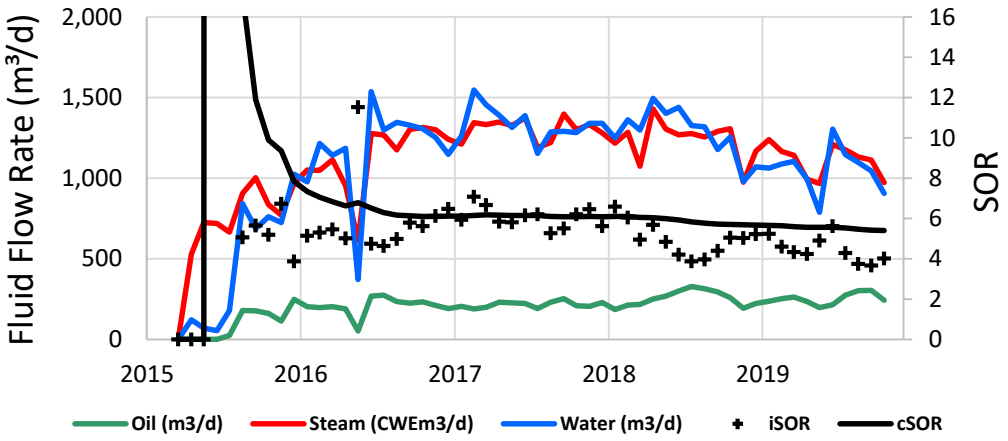
PAD PERFORMANCE – MID PAD AD

PAD AD

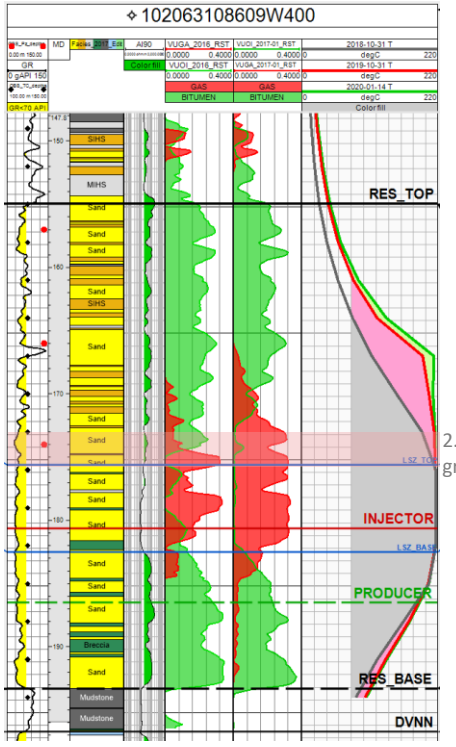
- Average reservoir quality
  - *Thickest net pay above producer (26.2 m)*
  - *IHS with high oil saturation in upper reservoir*
  - *Thick low bitumen saturation zone above injection well*
- Shortest wells
- High average effective wellbore (96%)

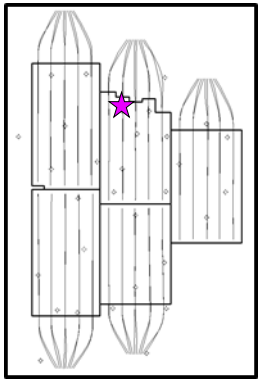
STEAM CHAMBER DEVELOPMENT

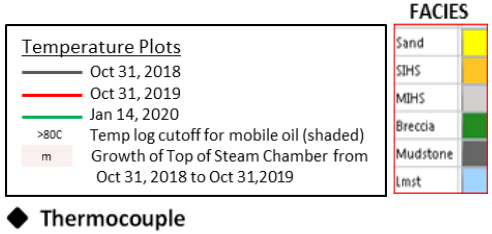
- Well AD04OA shows 2.5 m steam chamber rise near heel of AD04 in 12 months, 9 m in 14 months
- Steam chamber advanced through LSZ



AD04OA – HEEL (6.5 m OFFSET)







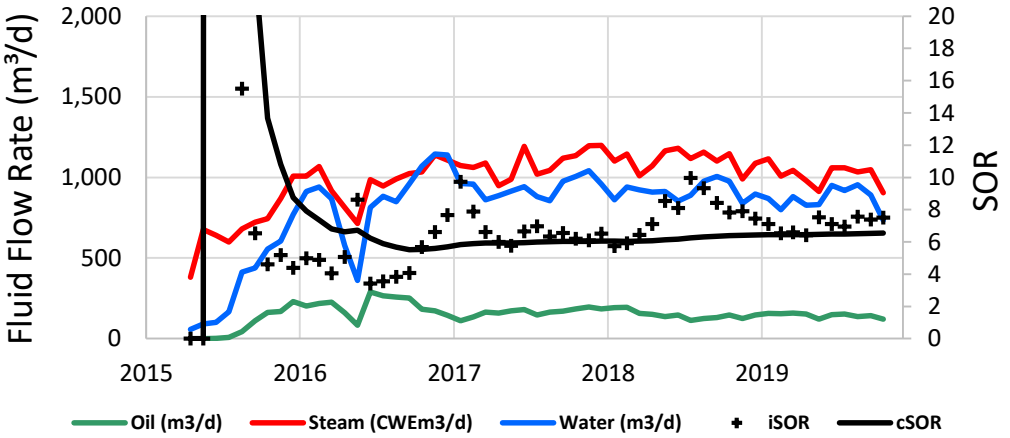
PAD PERFORMANCE – LOW PAD AC

PAD AC

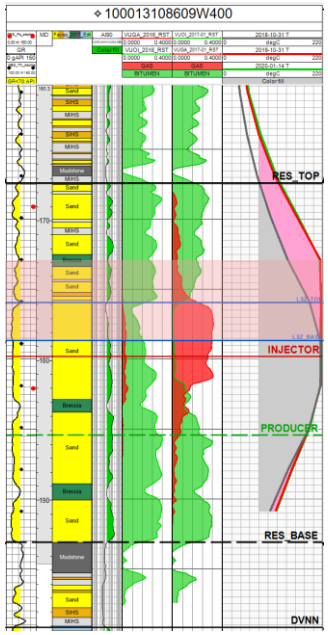
- Heterogeneous reservoir
  - *IHS dominated*
  - *Thin low bitumen saturation zone above injection well*
- Bounded at east of pad
- Sharing west boundary with pads AB and AD

STEAM CHAMBER DEVELOPMENT

- AC03OD steam chamber developed beyond the LSZ and is now advancing through SIHS and Breccia

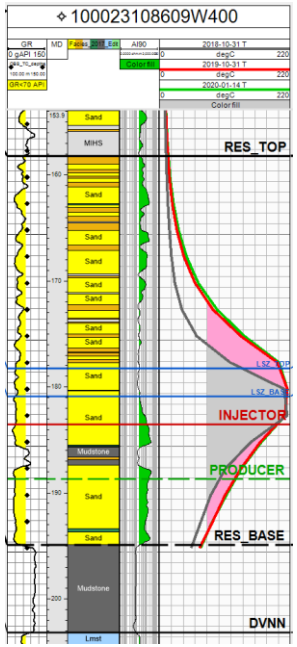


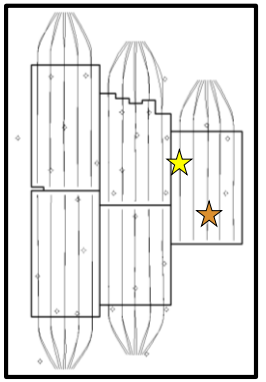
AC03OD - TOE (8.3 m OFFSET)



6 m steam growth

AC05OB - MID (5.3 m OFFSET)





FACIES

Sand
SIHS
MIHS
Breccia
Mudstone
Lmst

Temperature Plots
- Oct 31, 2018
- Oct 31, 2019
- Jan 14, 2020
- >80C Temp log cutoff for mobile oil (shaded)
- m Growth of Top of Steam Chamber from Oct 31, 2018 to Oct 31,2019

◆ Thermocouple ● Piezometer

STEAM QUALITY

- Steam quality leaving the plant is approximately 98% (includes Continuous Blow Down at typically 6,000 kPag
- Steam quality decreases to wellheads and is not measured but is modeled to be ~95%
- These conditions align with the original design

WELL INTEGRITY & ABANDONMENTS

WELL INTEGRITY

- Well integrity is addressed by using thermally engineered casing, thermal cement and completing cement bond logs in accordance with Directive 051
  - No wellbore integrity failures during the reporting period
  - No non-compliances of reporting and repairing wellbore integrity issues during the reporting period

- AOC has a wellhead valve maintenance program in place to prevent wellhead valve failures
  - No wellhead failures during the reporting period

ABANDONMENTS

- No wells have been abandoned or suspended within the project area to date

FUTURE PLANS

- No plans for the drilling of any new SAGD well pairs for next reporting period
- No abandonments planned in the next 5 years
- Well AA03 to be brought online pending steam availability (Q3 2020)
- Expect to convert remaining active PCP wells to ESPs as required
- Evaluating opportunities for Flow Control Devices (FCDs) into producer wells

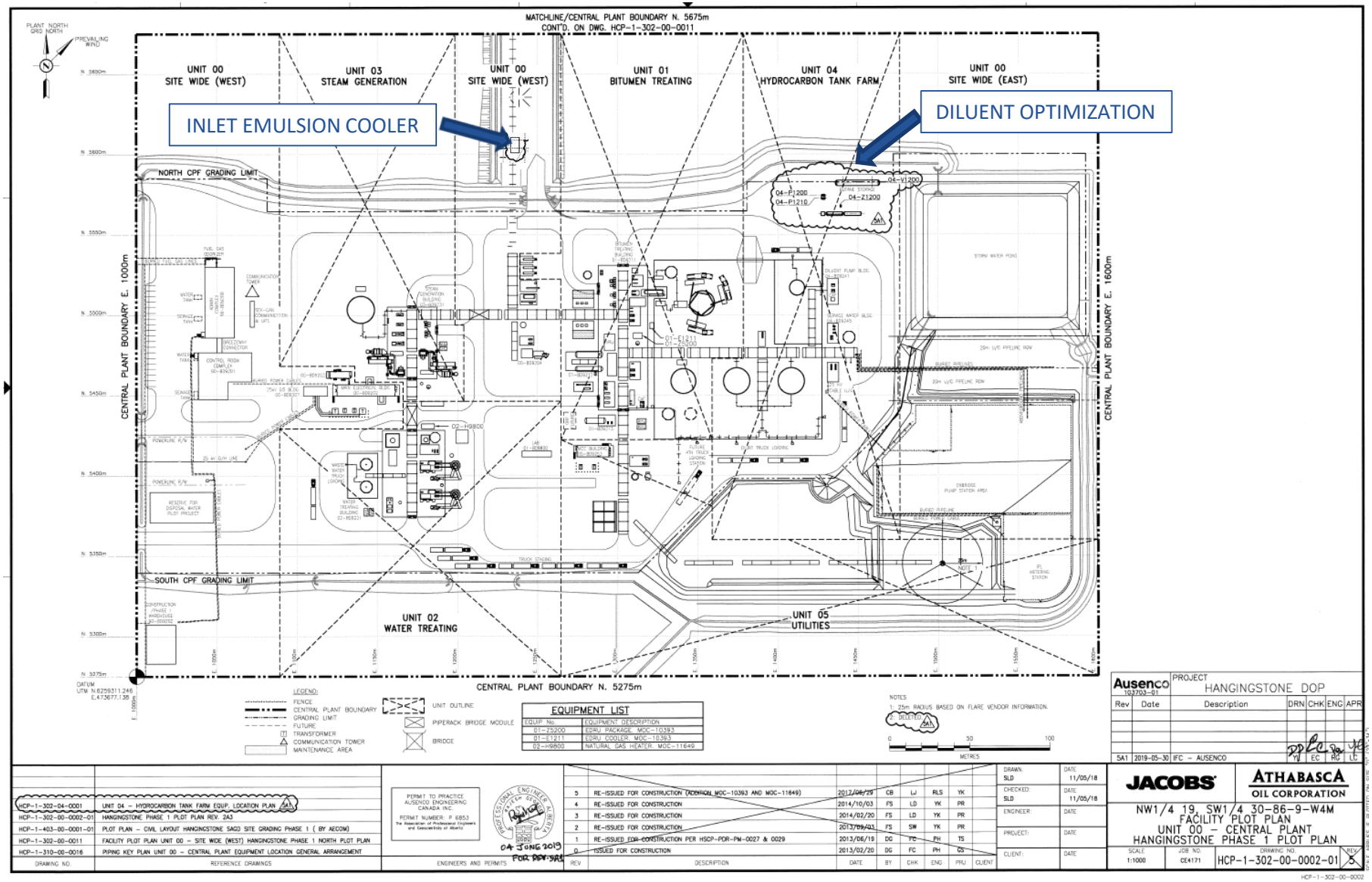
SURFACE OPERATIONS

FACILITIES

ATHABASCA OIL CORPORATION

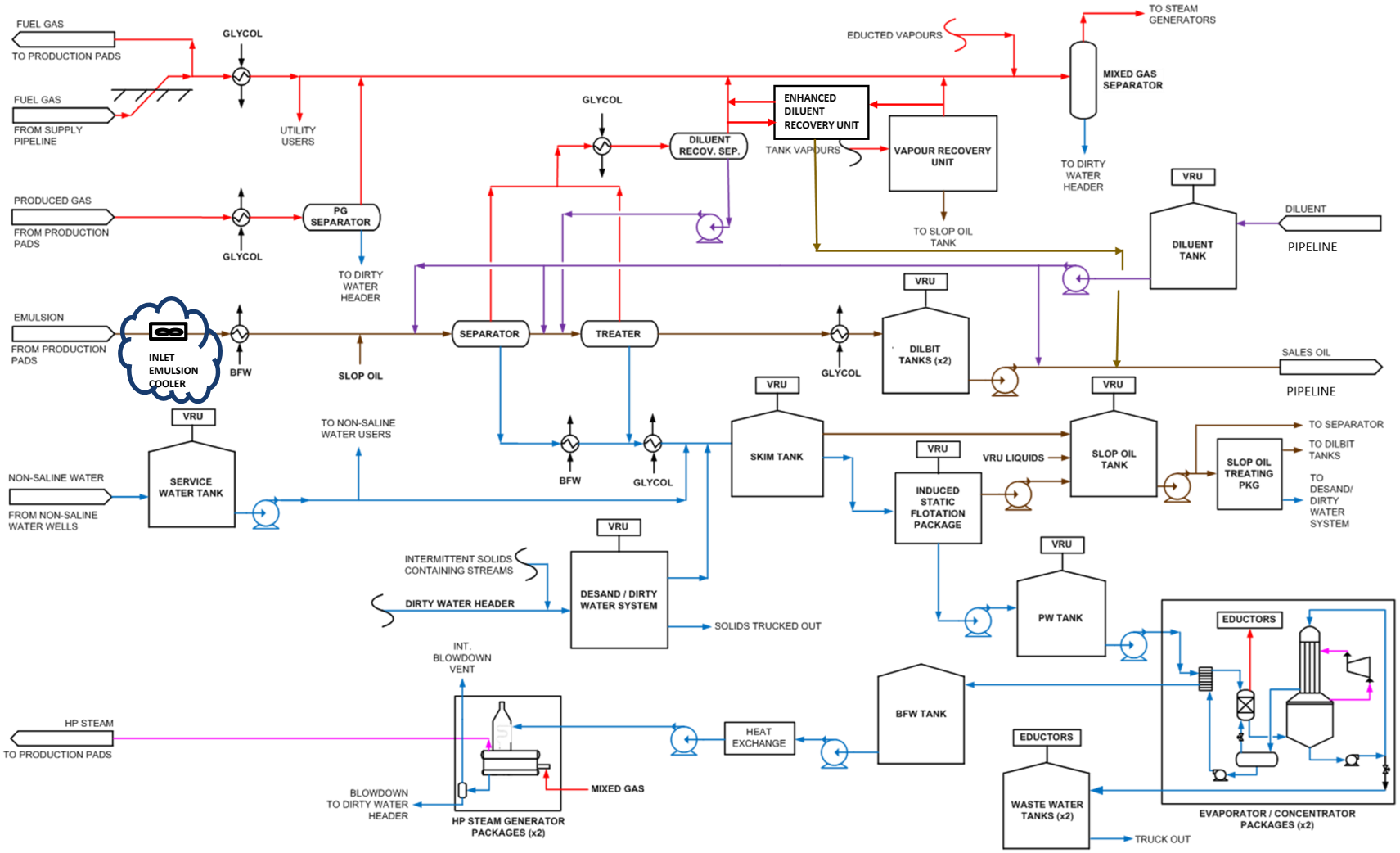
CENTRAL PROCESSING FACILITY PLOT PLAN

- Diluent Optimization and Inlet Emulsion Cooler projects completed during reporting period



FACILITY SCHEMATIC

- Updated facility schematic showing inlet emulsion cooler



SURFACE

MEASUREMENT, ACCOUNTING AND REPORTING PLAN (*MARP*)

ATHABASCA OIL CORPORATION

MEASUREMENT AND REPORTING

MEASUREMENT, ACCOUNTING AND REPORTING PLAN (MARP)

- MARP approved 2012
- 2019 - Voluntary disclosure of failed MARP meter (June 4) meter replacement (June 9)

MEASUREMENT METHODOLOGY

- No changes or alterations made to measurement methodology in reporting period

- WELL PRODUCTION AND INJECTION VOLUMES
  - *Each well pad has a dedicated test separator with liquid flow meter and water cut analyzer to determine well bitumen and water production*
  - *Wells are individually put on test for one valid testing hour for every 20 hours of operation*
    - *Valid well test criteria per approved MARP*
  - *Well gas production prorated from Battery Level GOR using a proration factor of 1*
    - *Battery Level GOR is updated monthly*
  - *Steam injection is metered at each individual wellhead. Primary and secondary steam production metering available at the central steam plant*

- BATTERY SALES OIL
  - *Sales oil is shipped via pipeline from the Hangingstone Battery. Custody transfer metering is done at receiving facility*

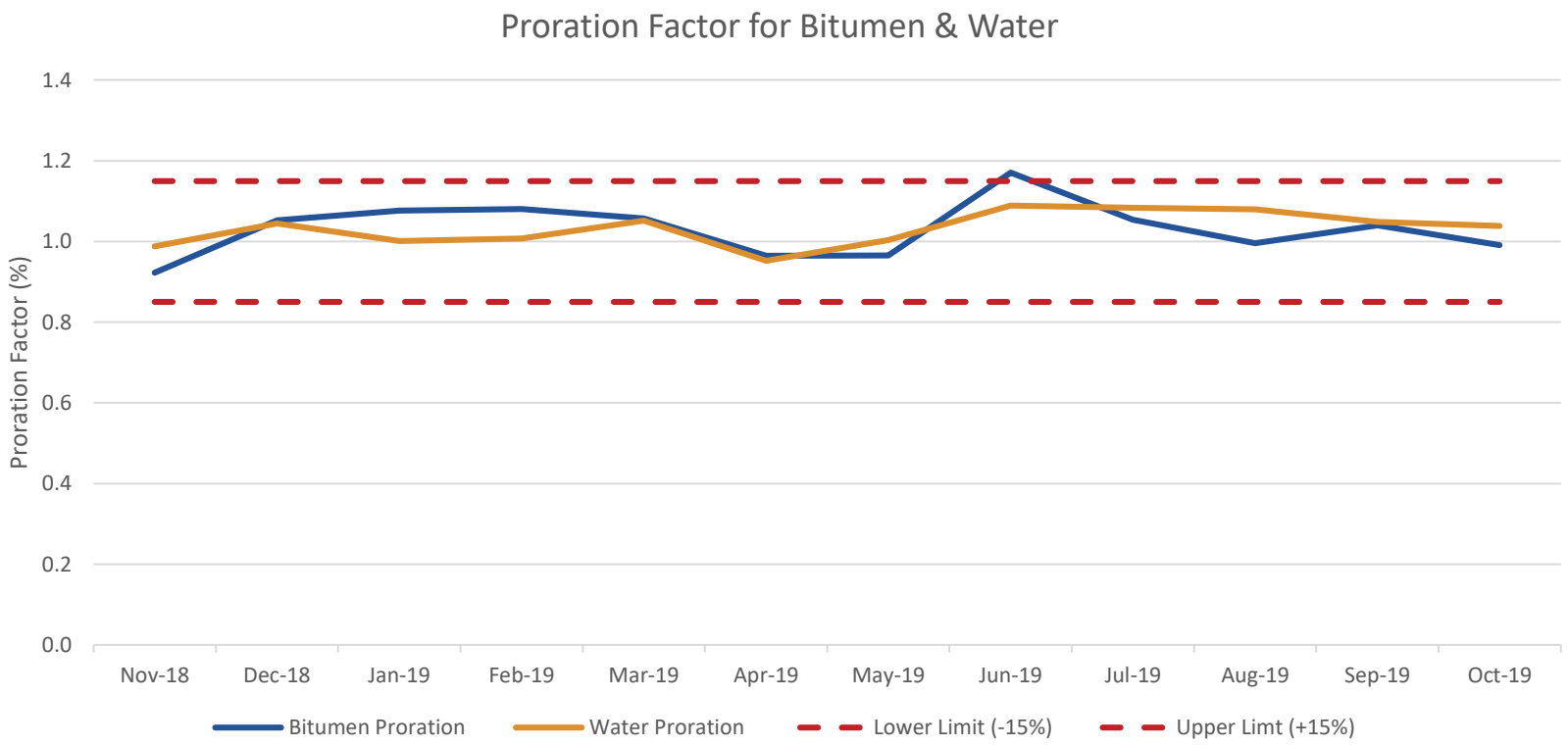
- MEASUREMENT TECHNOLOGY
  - *Well testing uses standard method of test separators with microwave water cut analyzers*

- STEAM VOLUMES
  - *Steam quality leaving the plant is approximately 98%*
  - *A continuous blowdown (CBD) of approximately 2% is added to the steam of each boiler and is injected into the wells*
  - *Intermittent blow down (IBD) flow is estimated at 0.02% of total water out of the facility using sound engineering practices*

- PRODUCED WATER VOLUMES
  - *Calculated using the measured Water Disposition to the Injection Facility plus the Water Dispositions from the Plant plus changes in Water Inventory less any Water Receipts*

MEASUREMENT AND REPORTING

PRORATION OF BITUMEN AND WATER



SURFACE OPERATIONS

FACILITY PERFORMANCE

ATHABASCA OIL CORPORATION

FACILITY PERFORMANCE

SITE RELIABILITY > 95%

- Based on steam performance
- Integrity management program and predictive maintenance programs have been implemented to maintain higher site reliability

MAJOR ACTIVITIES

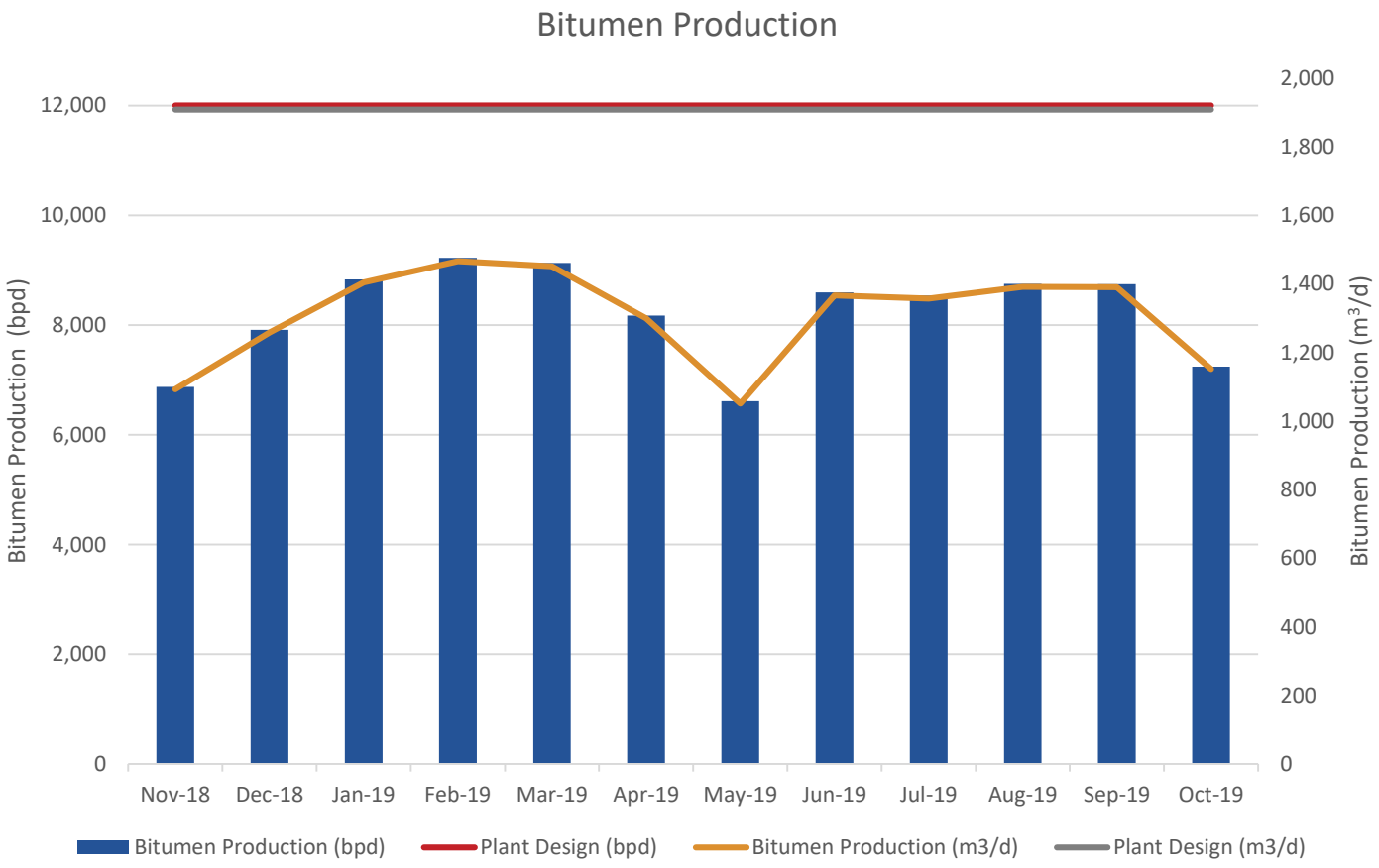
- Boiler Mechanical Cleaning
- Evaporator Chemical Cleaning

MAJOR CHALLENGES

- De-oiling optimization

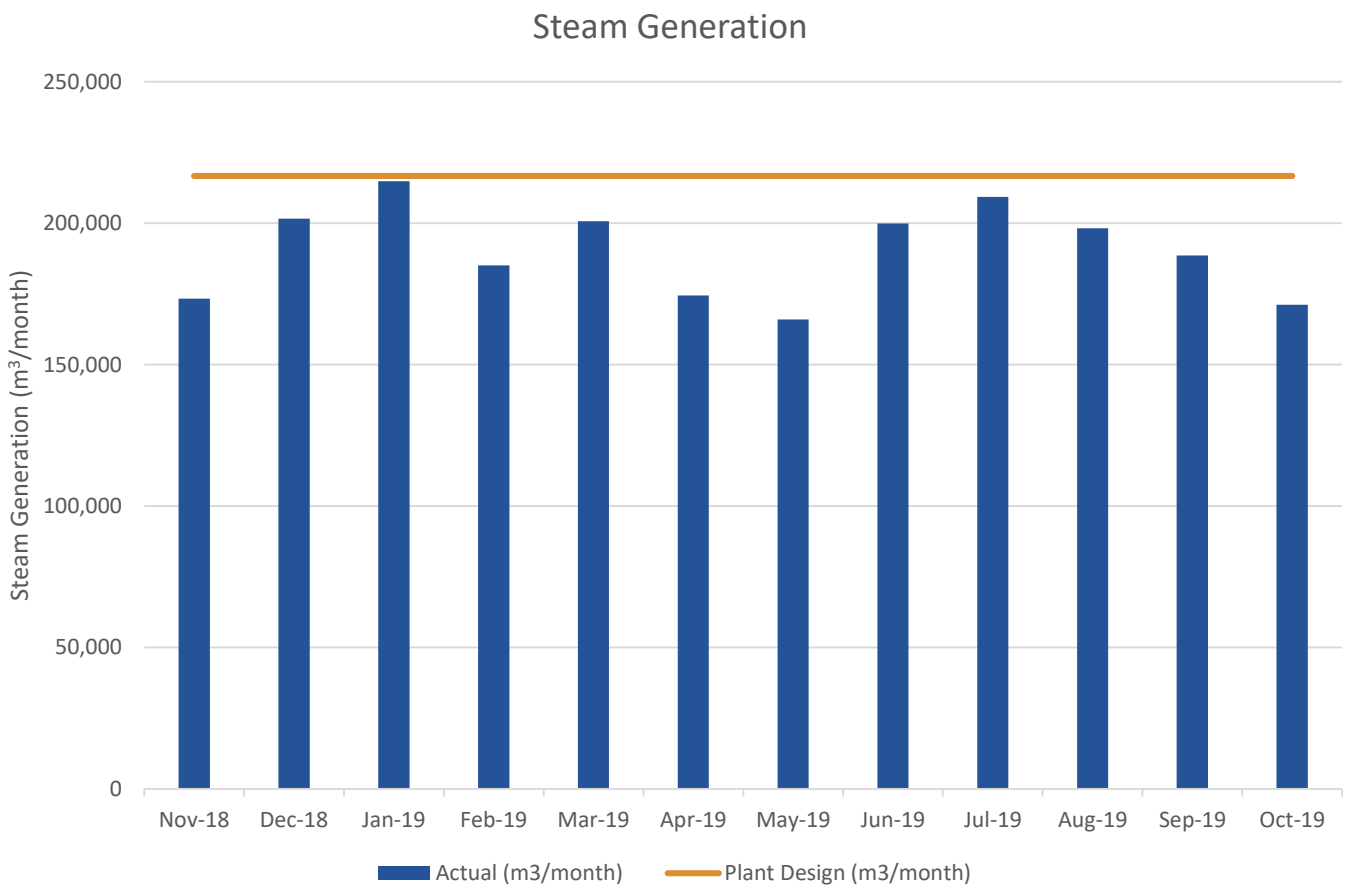
FACILITY PERFORMANCE

BITUMEN PRODUCTION



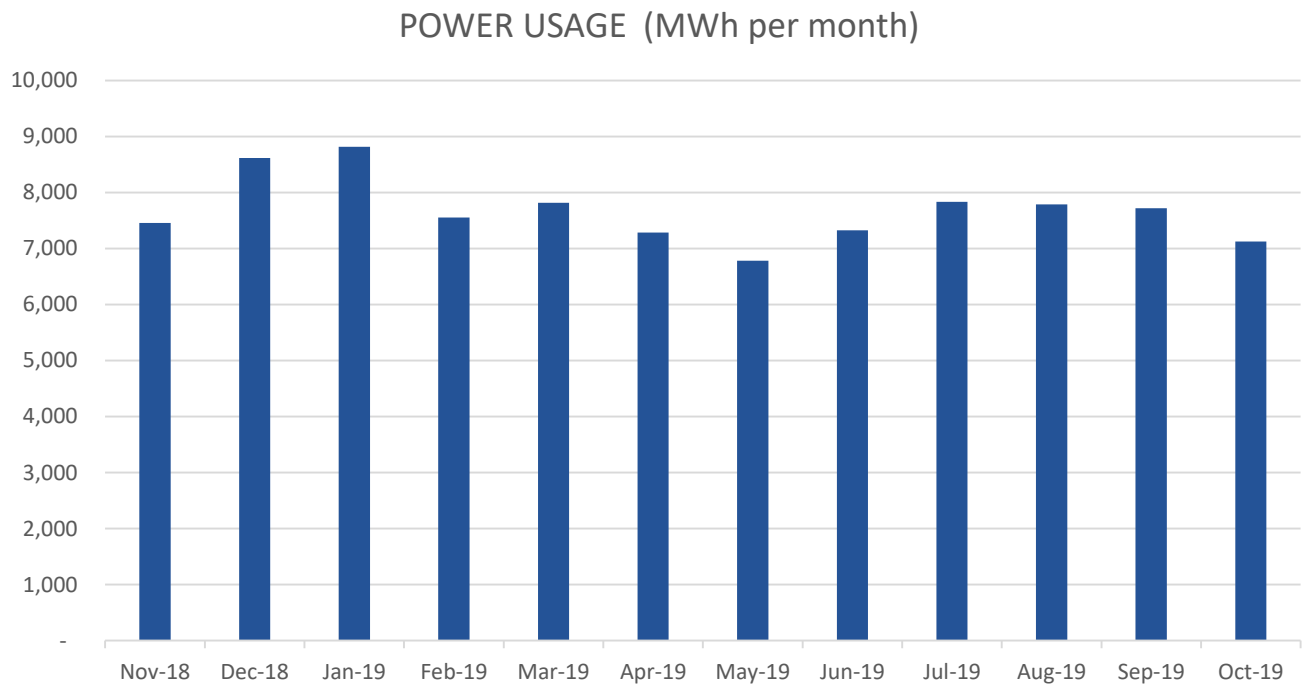
FACILITY PERFORMANCE

STEAM GENERATION



FACILITY PERFORMANCE

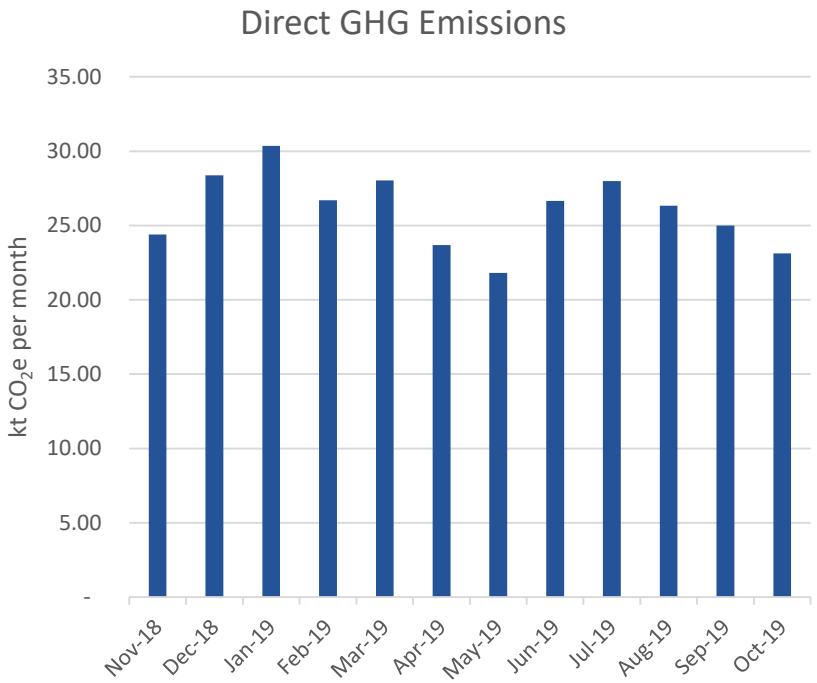
POWER USAGE YTD 92,096 MWH

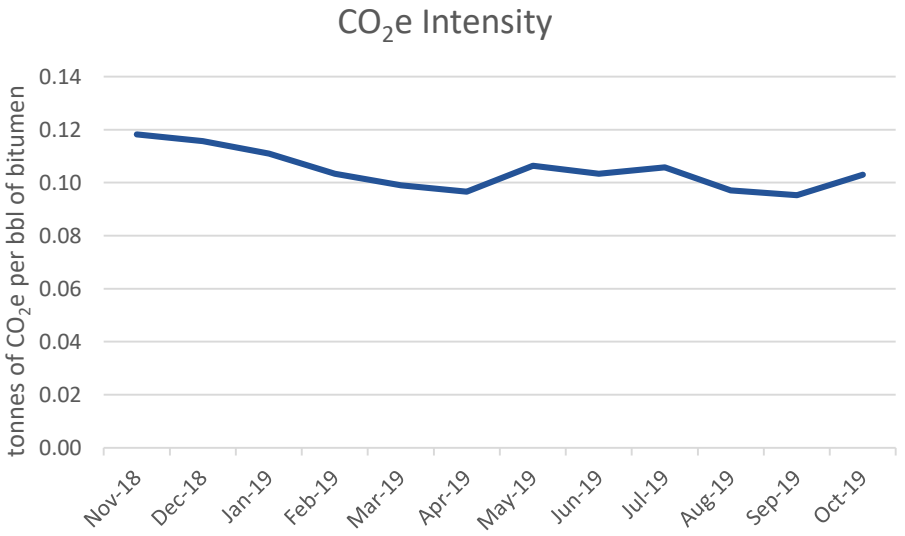


FACILITY PERFORMANCE

DIRECT GHG EMISSIONS FROM NOVEMBER 2018 – OCTOBER 2019 : 312 KT CO_2e

- Sources: stationary combustion, flaring, venting and fugitives
- Calculated using 2019 CCIR

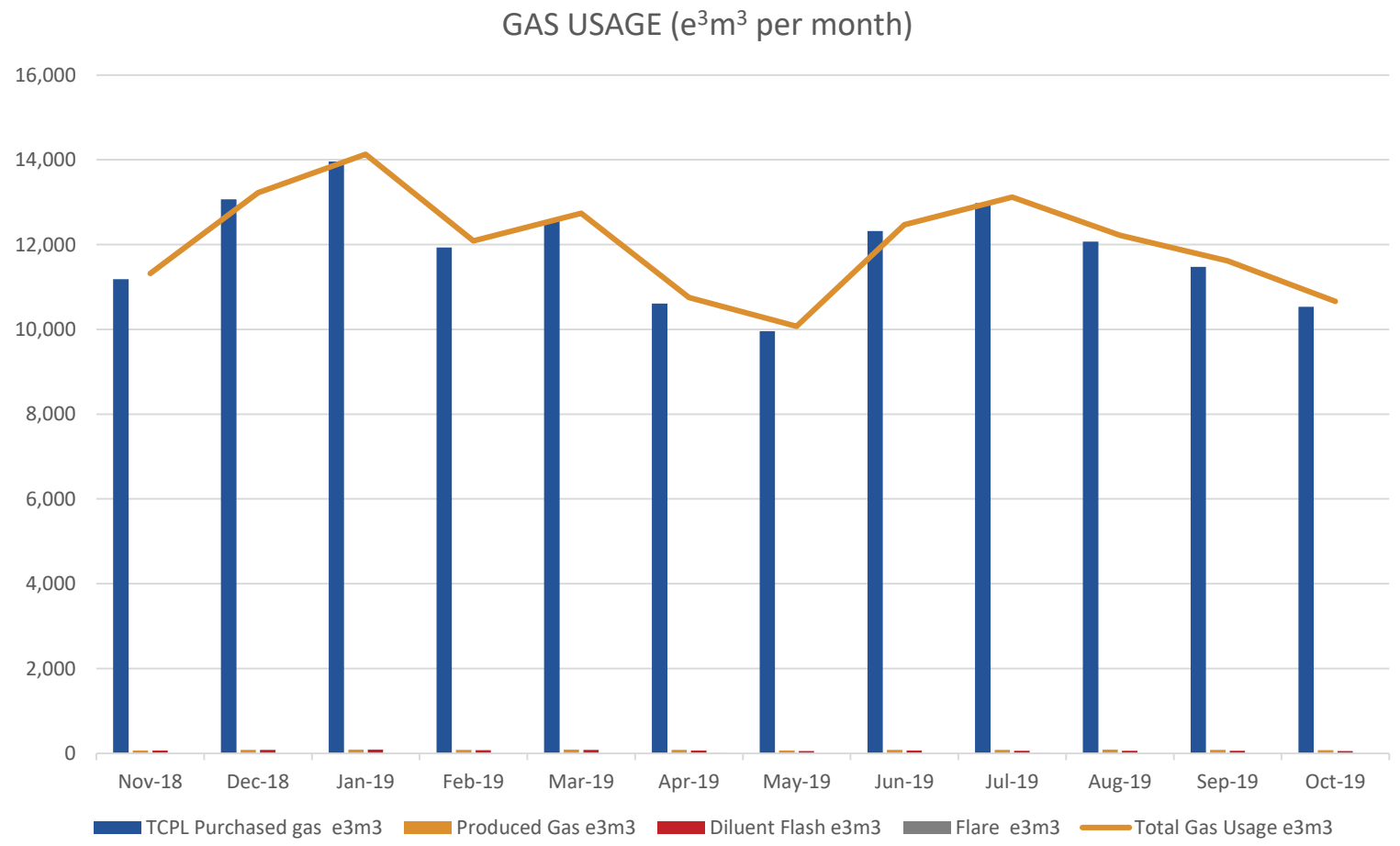




FACILITY PERFORMANCE

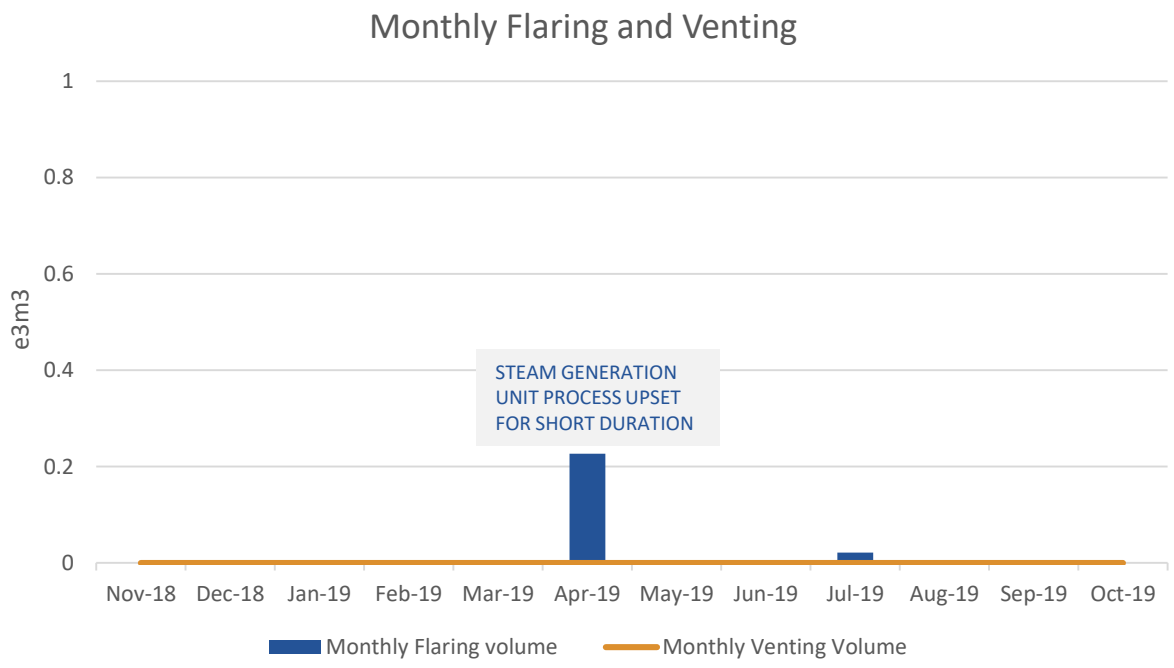
TOTAL GAS USAGE YTD 144,421 e^3m^3

SOLUTION GAS RECOVERY 100%

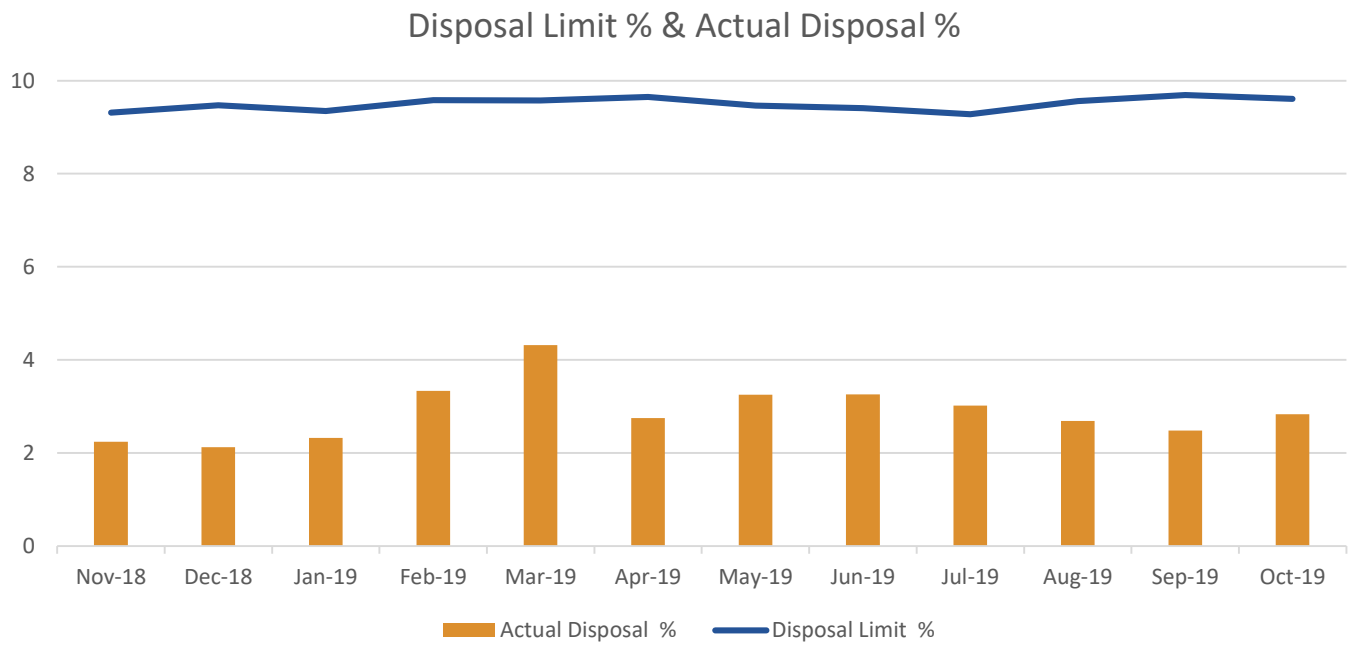


FACILITY PERFORMANCE

MONTHLY FLARING AND VENTING



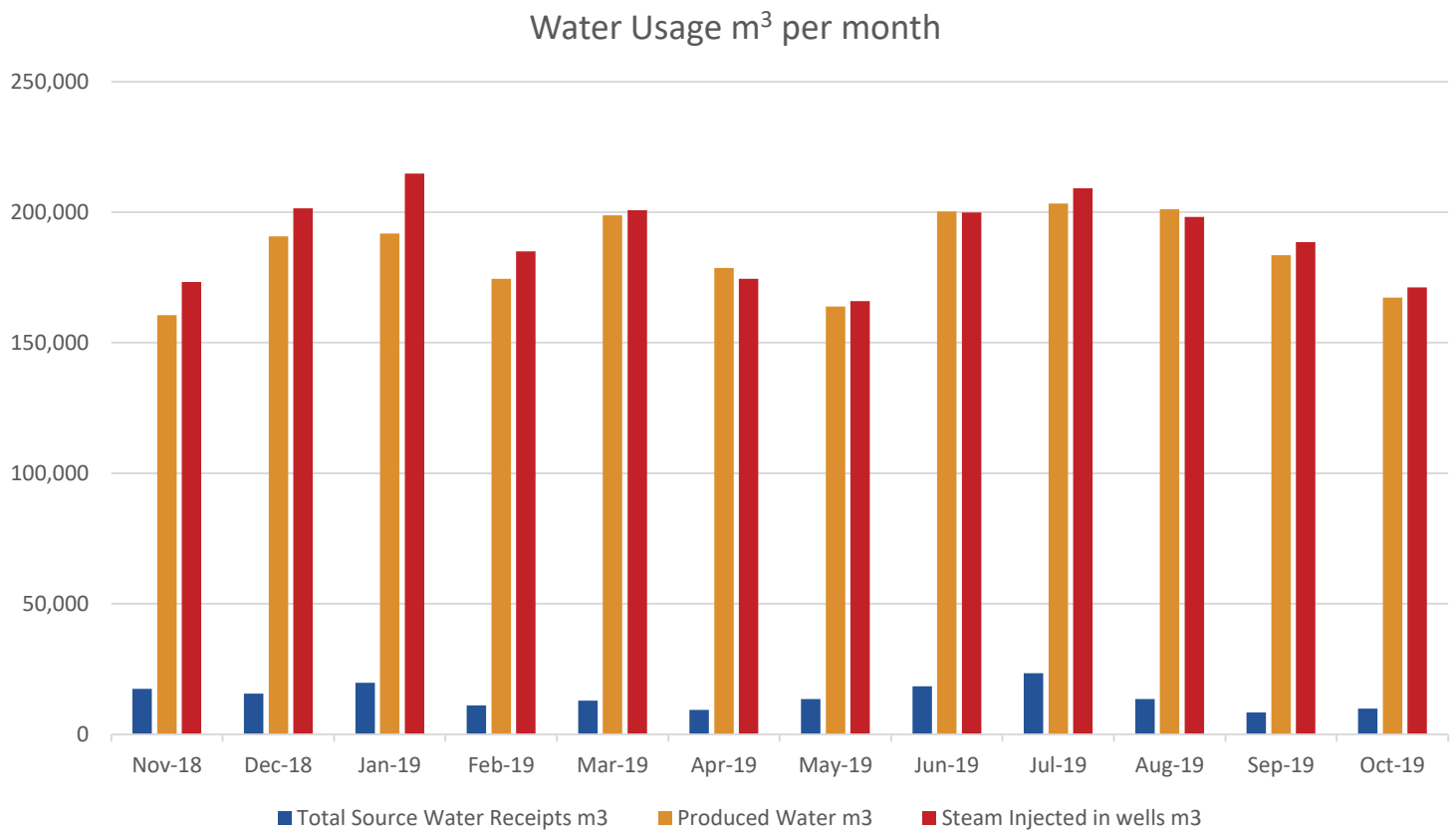
FACILITY PERFORMANCE



- Calculations completed in accordance Directive 081 (2012)
- Revised Directive 081 released November 5, 2019, and is not applicable to the current reporting period (Nov. 1, 2018 – Oct. 31, 2019)
- AOC will incorporate new disposal factors in the 2020 Performance Report

FACILITY PERFORMANCE

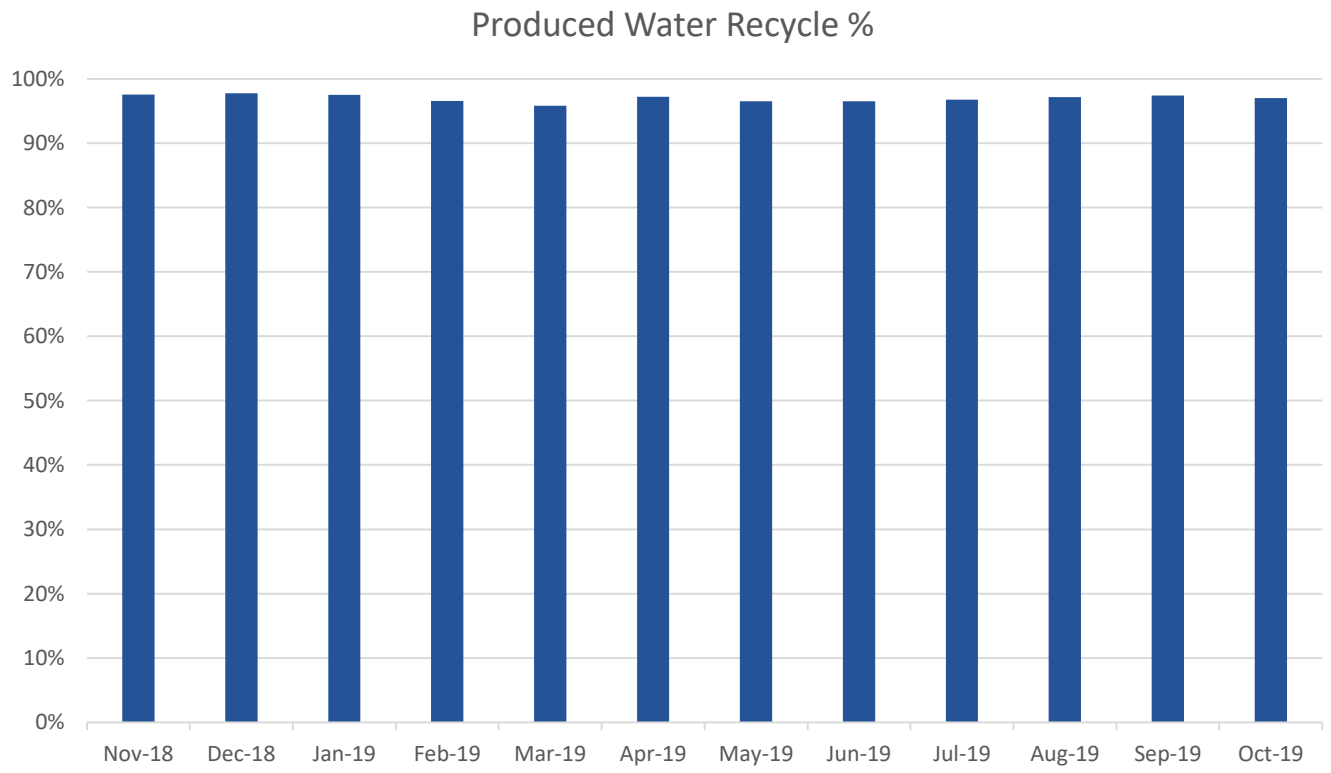
WATER USAGE



FACILITY PERFORMANCE

PRODUCED WATER RECYCLE (AVG. 97%)

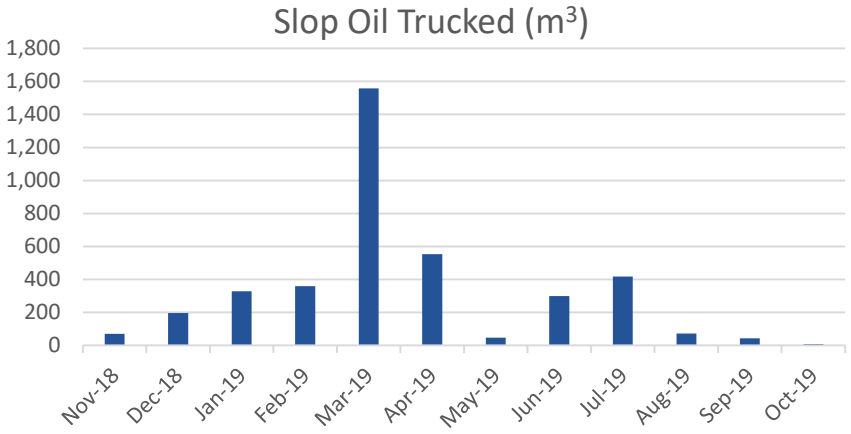
Directive 081 (2012), Appendix H, Equation 6

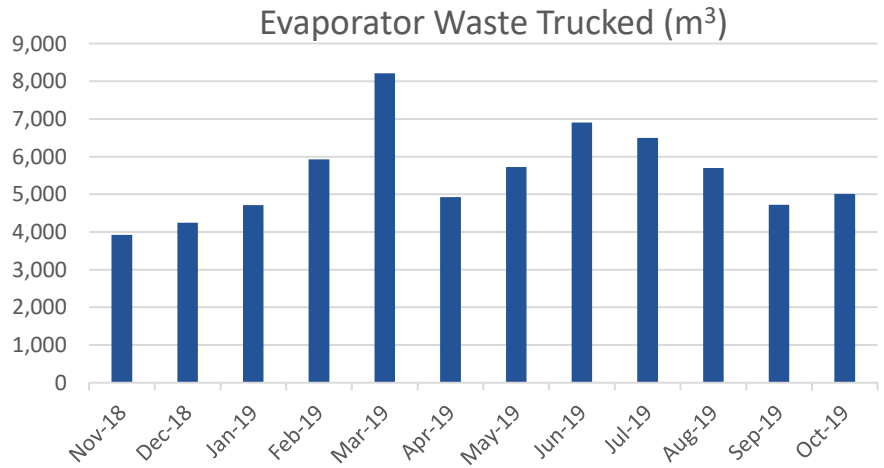


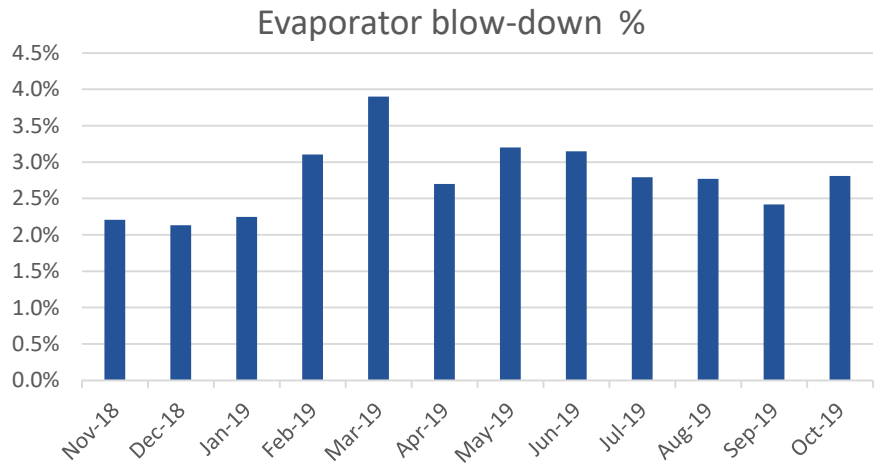
FACILITY PERFORMANCE

WASTE DISPOSAL

- Waste streams are slop oil and evaporator blowdown
- Evaporator waste disposal volume reduced by 13,364 m^3
- No excess produced water trucked out in reporting period



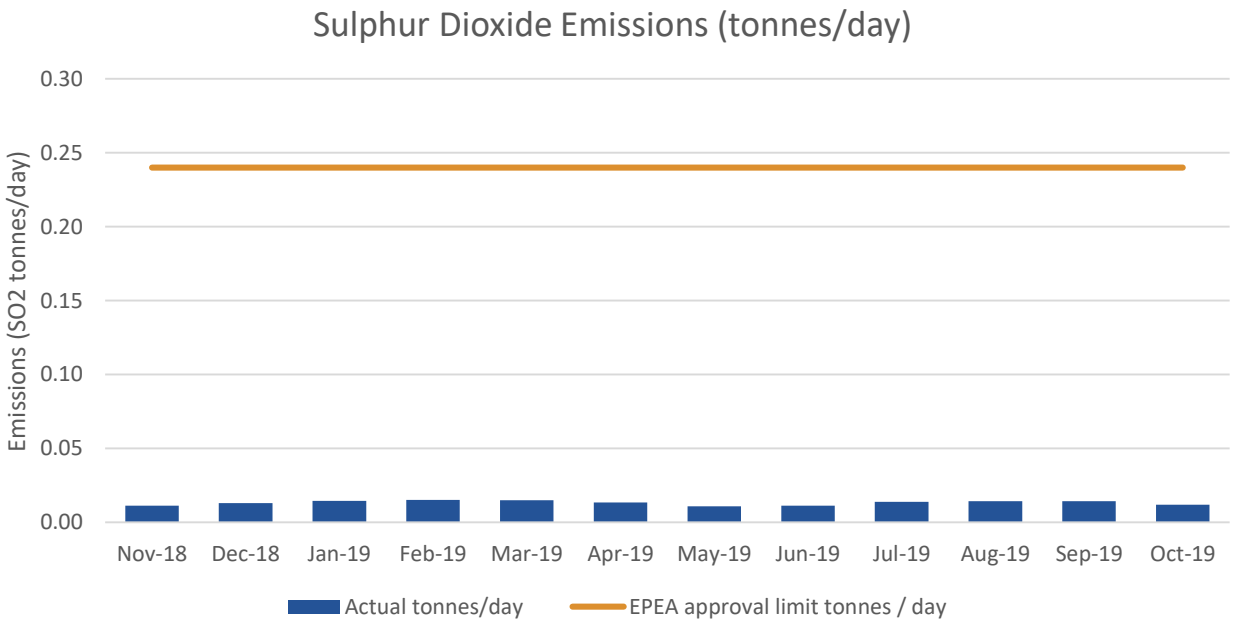




Volumes reported via Petrinex

SULPHUR PRODUCTION

- Currently there is no sulphur recovery



- SO_2 emissions are calculated based on analytical results of produced gas samples

SURFACE

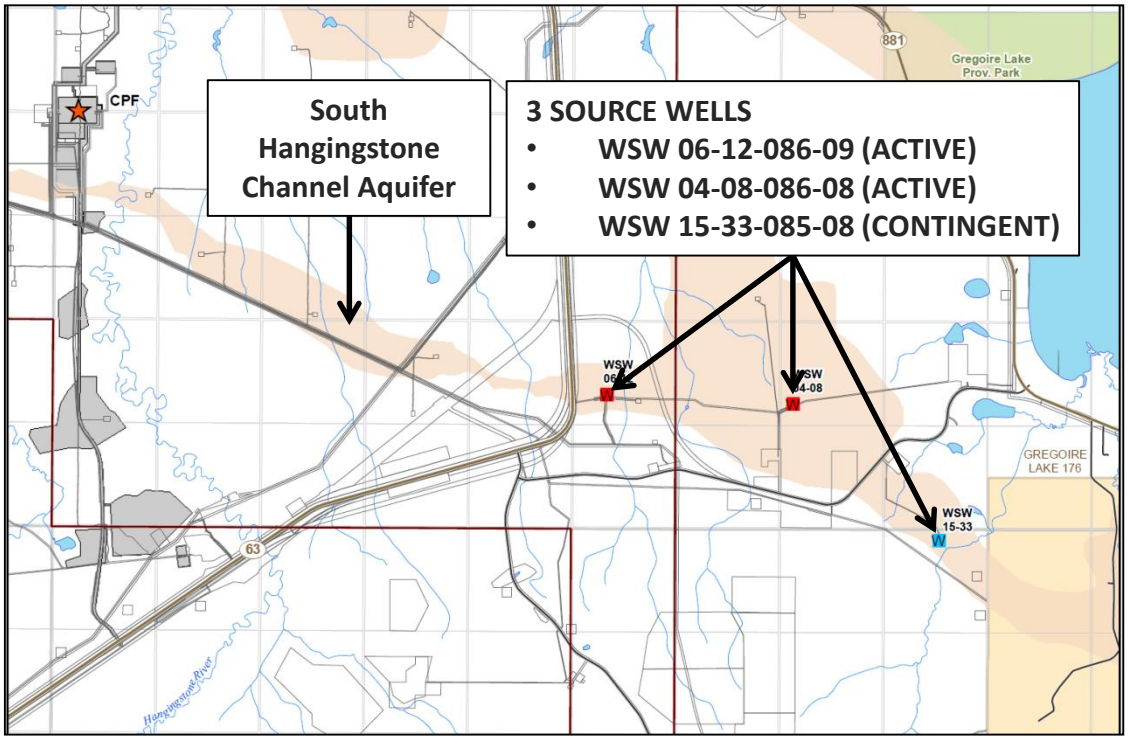
SOURCE WATER AND WATER CHEMISTRY

ATHABASCA OIL CORPORATION

SOURCE WATER

NON-SALINE WATER WELLS

- Hangingstone Water Act License 00316166-01-00 annual allocation is 479,975 m^3
- During Nov. 1, 2018 to Oct. 31, 2019 AOC diverted 159,286 m^3
- Aquifer drawdown is stable and within the allowable as specified in the *Water Conservation and Allocation Guideline for Oilfield Injection (AENV 2006)*



Well ID	Location	Formation	TDS (mg/L)	Maximum Rate of Diversion (m^3/d)
WSW153308508W400	15-33-085-08-W4	Quaternary	286	3,000
WSW061208609W400	06-12-086-09-W4	Quaternary	310*	3,000
WSW040808608W400	04-08-086-08-W4	Quaternary	310*	3,000

Wells are less than 150 m in depth and not licenced with the AER
Well IDs are AOC internal identifiers, not UWIs
* 2019 Analysis

FACILITY PERFORMANCE

TYPICAL WATER ANALYSIS

Parameter	Non-Saline Make-up Water (mg/L)	Produced Water (mg/L)	Disposal Water (Evap blow-down) (mg/L)
pH	7.97	7.36	11.8
Total Dissolved Solids (TDS)	310	2,300	130,000
Chlorides	7.4	1,200	49,000
Hardness as $CaCO_3$	220	14.5	550
Alkalinity as $CaCO_3$	270	320	25,000
Silica	5	150	7,000
Total Organic Carbon	<1	180	6,000
Oil Content	<1	20	500

COMPLIANCE

ENVIRONMENTAL

ATHABASCA OIL CORPORATION

COMPLIANCE - REGULATORY

APPROVALS AND AMENDMENTS

- No applications were made or approvals received during the reporting period

AUDITS

- The AER completed an audit of the Emergency Response Plan and found it satisfactory

INSPECTIONS

- The AER completed 6 facility inspections, all results satisfactory

COMPLIANCE – SUMMARY OF NON-COMPLIANCE

Notices of Non-Compliance and Voluntary Self Disclosures	
Event	**Corrective Action**
April 24, 2019 – CEMS code violation 90% uptime	Investigation identified a defective communication card. Method 4 calculation approved for missing data and the defective card was replaced.
June 4, 2019 - Voluntary Self-Disclosure for failed MARP meter	Meter was repaired and put back into service June 9, 2019

From November 1, 2018 to October 31, 2019 there were

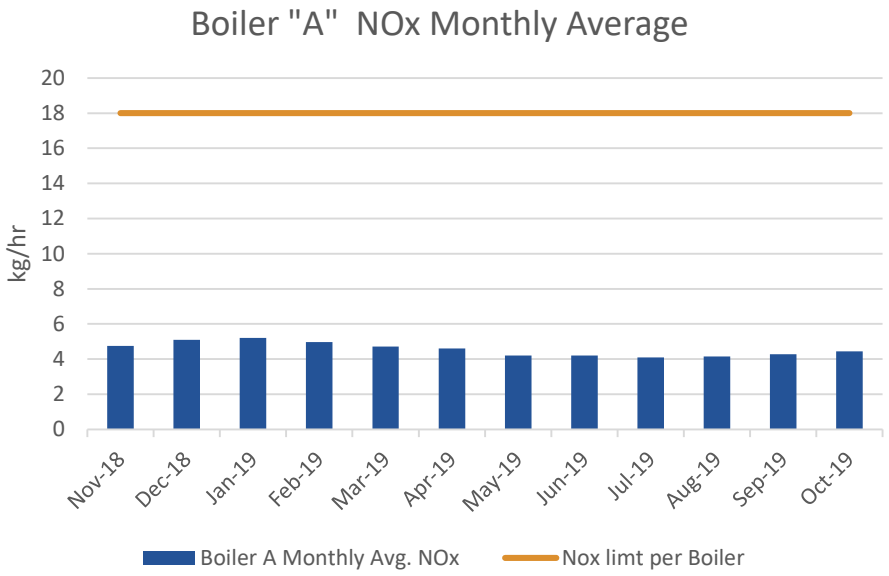
- 2 reportable releases

COMPLIANCE – MONITORING PROGRAMS

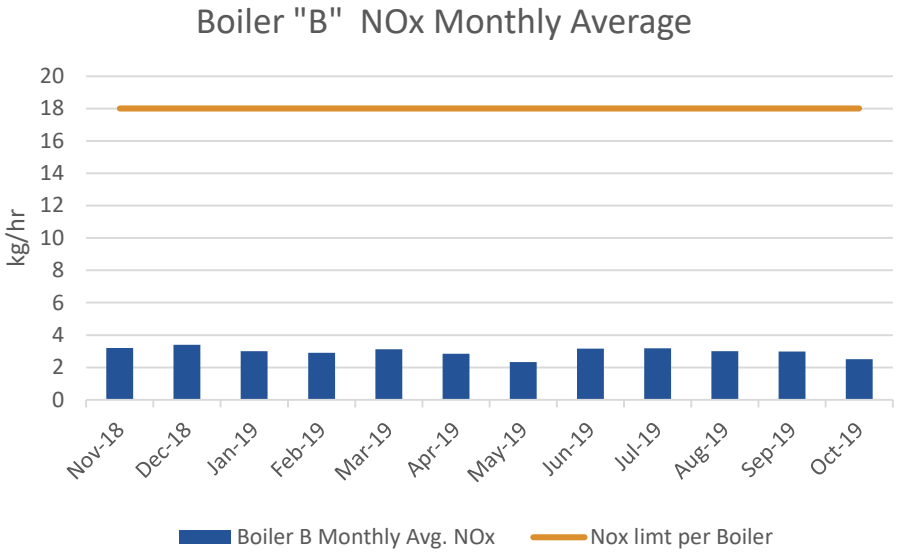
MONTHLY AND ANNUAL MONITORING PROGRAMS

- Passive air monitoring stations– no exceedances (SO_2, NO_2, H_2S) of the Alberta Ambient Air Quality Objectives
- A continuous air monitoring station **is not** an EPEA approval requirement
- Continuous NO_2 emissions monitored using a Continuous Emissions Monitoring System (CEMS) as required under the EPEA approval (Boiler A)
- SO_2 and NO_2 emissions were summarized in monthly and annual EPEA Air Emissions Reports
- Air Emissions Inventory Report submitted in September 2019
- Industrial wastewater and runoff – all releases monitored with no exceedances
- Groundwater water monitoring completed (2 events)
- A soil monitoring program proposal was approved by the AER and the monitoring program completed
- A Woodland Caribou Report (2015 – 2018) was submitted and approved by the AER
- Water Act Licenses (term & surface) all conditions met and reporting completed

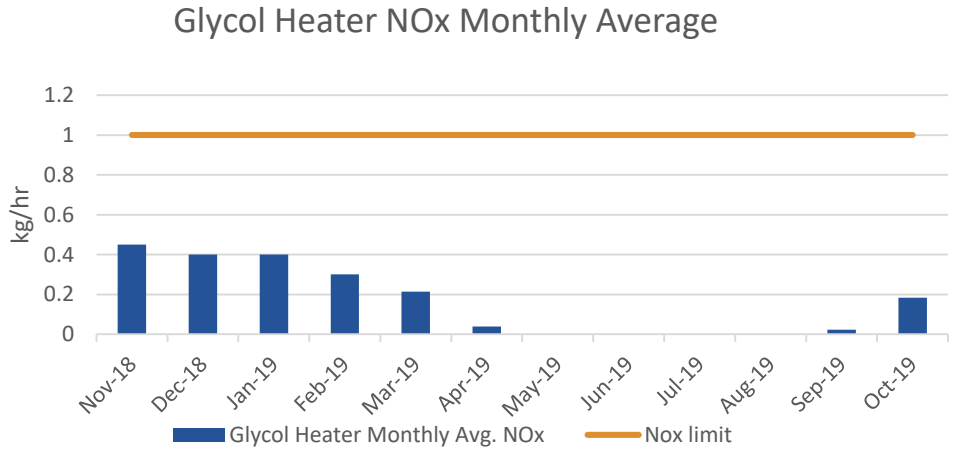
COMPLIANCE - MONITORING PROGRAMS



- Boiler "A" NOx based on online CEMS unit



- Boiler "B" NOx based on manual calculation



- Glycol Heater NOx based on manual calculation and is operated only in winter months

COMPLIANCE – RECLAMATION PROGRAMS

- Reclamation certificates have been obtained for all Hangingstone OSE programs with the exception of 3 programs that were applied for in Q4 2019

COMPLIANCE – REGIONAL INITIATIVES

AOC IS A FUNDING MEMBER OF:

- Oil Sands Environmental Monitoring Program
- Wood Buffalo Environmental Association (WBEA) – air shed monitoring
- Regional Industry Caribou Collaboration (RICC)
- Industrial Footprint Reduction Options Group (iFROG) – wetland reclamation research industry collaboration

AOC PARTICIPATES IN:

- Various regional CAPP Committees
  - *Oil Sands Environmental Policy and Regulatory Committee*
  - *NE Alberta Caribou Working Group*
  - *Indigenous Affairs Committee*
  - *Air Issues Committee*
- Oil Sands Community Alliance

COMPLIANCE – STATEMENT OF COMPLIANCE

ATHABASCA OIL CORPORATION HANGINGSTONE PROJECT IS IN COMPLIANCE WITH AER APPROVALS AND REGULATORY REQUIREMENTS

- For the period of November 1, 2018 to October 31, 2019, AOC has no unaddressed non-compliant events

FUTURE PLANS

- No new initiatives planned

ATHABASCA
OIL CORPORATION

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