

OGC File: 9632345

January 28, 2010

Monterey Exploration Ltd. Suite 1000, 500-4th Avenue, SW Calgary, Alberta T2P 2V6

Attention: Surface Land Administrator

Re: Approval for Short Term Use of Water

This approves you, under Section 8 of the Water Act to divert and use water as follows:

- 1. The approved water withdrawal point is the Moberly River at: UTM location N. 6217870, E. 603431.
- 2. The approved use of water is restricted to the oil and gas activities of the Operator.
- 3. The maximum quantity of water that may be diverted is 1600 m³/day, at a rate not to exceed 14 l/s (0.5 cfs).
- 4. On any stream no diversion is permitted where stream discharge is less than 55 l/s. No diversion is permitted where stream (wetted) depth is less than 0.30 metres (12 inches) at the withdrawal location.
- 5. On any lake, water-withdrawal must cease if drawdown exceeds 0.10 metres (relative to the water level documented at the commencement of withdrawal activities). In the event that drawdown exceeds 0.10 metres, withdrawals may resume only when water levels have risen above the 0.10 metres drawdown level.
- 6. Approval has been granted to use the water from January 28, 2010 to January 27, 2011.
- 7. This approval does not authorize any instream work.
- 8. A copy of this approval must be available for inspection at the tank truck and wellsite location(s).
- 9. End-of-pipe intakes must contain a screen with a mesh size that does not exceed one tenth of an inch.

Telephone: 250-261-5700

Facsimile: 250-261-5728

24 Hour: 250-261-5700

- 10. The holder of this approval must maintain accurate records of all water withdrawal activities throughout the term of this approval. Upon request, these records must be made available to the Oil and Gas Commission or Conservation Officers Service for review. These records must include the following information: Associated OGC file number, name of water source(s), UTM coordinates and BCGS map sheet location data associated with each source and diversion point location(s), date of withdrawal(s) (specific dates must be used, date ranges are not acceptable), and volume of water withdrawn in cubic metres (m³) on all individual source(s) approved within the authorization.
- 11. Where water withdrawal volumes are approved for 500 m3/day or more, the holder of this approval must maintain accurate records of all water withdrawal activities throughout the term of this permit. These records must be submitted to the Oil and Gas Commission c/o OGCWater.VolumeData@gov.bc.ca on or before the 15th of April (for activities occurring between October 1 and March 31, inclusive) and, on or before the 15th of October (for activities occurring between April 1 and September 30, inclusive). These records must include the following information: Associated OGC file number, name of water source(s), UTM coordinates and BCGS map sheet location data associated with each source and diversion point location(s), date of withdrawal(s) (specific dates must be used, date ranges are not acceptable), and volume of water withdrawn in cubic metres (m³) on all individual source(s) approved within the authorization.

The attached plan(s) form an integral part of this authorization.

Becky Donnell

Natural Resource Officer



Project Assessment Branch Phone: (250) 26 | 5700 200, 10003 - 110th Ave Fax: (250) 26 | 5728 FORT ST. JOHN BC V1J 6M7

JAN 2 3 2019

APPLICATION FOR SHORT TERM USE OF WATER MAISSION

Application must be submitted under the authority of the Water Act R.S.B.C. 1996, c. 361, s8, and the Water Act Regulation, to the Oil and Gas Commission at the address noted above. Information collected on this application will be used for public record in accordance with Freedom of Information legislation.

Zone: ☐ North ☐ Central East ☐ Central West ☒ South	OGC File Numb	er: 9632345
Company Name: Monterey Exploration Ltd.		ePASS No. 10026037
Address: Suite 1000, 500-4 th Ave S.W. Calgary, AB T2P 2V6		
Name of water supply source (or clear description): Moberly River		
Is this a Schedule 'A' listed source: Yes No		
Wetted Stream Width: 7.8 metres Stream Depth: 0.39 metres Velocity: 0.56 m/s (Note: not required for Schedule 'A' sources, if proposed diversion volume is less than 45m³ per day) Date measurements were taken: January 27, 2010		
If water source is a lake or pond, provide the surface area in hectares: N/A		
If the surface area is less than 5 hectares, provide the average depth: N/A metres		
Location of the point of diversion in UTM coordinates:		
Northing: 6217870 Easting: 603431		
**Note: two maps must be attached showing the location of the point of diversion.		
Quantity of water proposed to be used: 1600 m³/day		
Months during which the water is to be used: January 28, 2010/Spring Break-up		
Purpose for which the water is to be used: Freezing Access		
Legal description of the land where the water is to be used: Proposed and existing wellsites in NE BC		
Works to be installed for the diversion and use of water, including the works necessary to dispose (Sec. 7(b) O&G Waste Regs.) of used water: Water Truck and pump with fish screen		
Company Representative: Brad Wilson	Phone Number: 403-691-7733	
Signature: Email: bwilson@montereyexplo	eration.com	Date: January 28, 2010
Land/Referral Agent: Erin O'Donnell	Ph	one Number: 250-785-6340