



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

White River Field Office  
220 East Market St.  
Meeker, Colorado 81641



MAY 09 2012

LCON05000  
COC-69166  
Oil Shale RD&D

**RECEIVED**

MAY 11 2012

GRAND JUNCTION FIELD OFFICE  
DIVISION OF  
RECLAMATION MINING & SAFETY

Jeffrey D. Stevenson  
Shell Exploration and Production Co.  
Bellaire Technology Center  
3737 Bellaire Blvd  
Houston, TX 77025

Dear Mr. Stevenson,

Our staff has reviewed your March 21, 2012, minor modification to the "Plan of Development for Research, Development and Demonstration Activities on Oil Shale Research, Development and Demonstration (RDD) Lease COC 69166 and Nahcolite Preference Right Sodium Lease C-0120057 Multi-Mineral RDD" requesting the use of a cuttings pit for the management of drill cuttings at the Oil Shale RDD project site. The modification is considered a minor change to Shell Frontier's approved Plan of Development and is approved.

This action corresponds to the Colorado Division of Reclamation, Mining and Safety (CDRMS) Prospecting Permit P-2010-026.

Section 24 Addendum A of Oil Shale Research Development and Demonstration (R,D&D) Lease COC69166 requires the lessee to pay for costs of review and approval of plans of development or similar submissions. Please submit the cost recovery fee of \$449.56 within 30 days of receipt of this letter. Attached is a copy of the Fee Estimate for Case-by-Case Processing.

if there are any questions, please contact Paul Daggett, Mining Engineer at (970) 878-3819.

Sincerely,

Ester M. McCullough  
Associate Field Manager

Attachments  
Fee Estimate for Case-by-Case Processing

cc

Charlie Beecham  
BLM Colorado State Office  
2850 Youngfield Street  
Lakewood, CO 80215-7076

Travis Marshall  
Grand Junction Field Office  
Colorado Division of Reclamation, Mining and Safety  
101 South 3<sup>rd</sup>, Suite 301  
Grand Junction, CO 81501

## COST ESTIMATION WORKSHEET

PREPARED BY: Paul Daggett

SERIAL NUMBER/PROJECT CODE: COC69166

### OIL SHALE RD&D

#### PROCESSING STEPS:

1. Application-Proposal Review & Initial and Final Processing/Approval.

Title	Grade	Hourly Rate	No. Hours	Cost	Indirect Cost	Subtotal	Totals
Mining Engineer	11/10	35.76	4	178.80	35.23		214.02
Filed Manager	14/5	52.51	.5	26.25	5.17		31.42
Total for Item 1.							\$245.44

2. Mine/Reclamation Plan Review

Title	Grade	Hourly Rate	No. Hours	Cost	Indirect Cost	Subtotal	Totals
Total for Item 2.							

3. Appraisal Preparation, Approval.

Title	Grade	Hourly Rate	No. Hours	Cost	Indirect Cost	Subtotal	Totals
Total for Item 3.							

**FEE ESTIMATE FOR CASE - BY- CASE PROCESSING**  
**Energy & Mineral Resources Cost Recovery**  
(This is not a bill)

Serial/Project Number: COC-69166 Date Application Filed: 03/22/12

Applicant: Shell Frontier Oil and Gas

Address: 3737 Bellaire Blvd  
Houston, TX 77025

Agent: Jeffrey D. Stevenson

Type of Application: Minor modification to COC 69166 Oil Shale RDD Plan of Development

Location: T2S, R98W, Section 4, 6<sup>th</sup> P.M.

Other pertinent information: Oil Shale Research, Development and Demonstration (R,D&D) Lease COC69166

**Estimated Processing Requirements for NEPA Compliance:**

Is NEPA analysis required? No ☐ Yes ☒ Type: EIS ☐ EA ☐ Other CX

If "yes" will BLM perform NEPA analysis? Yes ☒ No ☐

If "no" - name of 3<sup>rd</sup> party contractor: \_\_\_\_\_

Brief Description of Processing Step	Estimated Processing Cost
1. <u>Review and Final Processing</u>	<u>\$245.44</u>
2. <u>Nepa Process</u>	<u>\$204.12</u>
3. _____	_____
4. _____	_____
5. _____	_____
6. _____	_____
7. _____	_____
8. _____	_____
9. _____	_____
10. _____	_____
11. _____	_____
12. _____	_____
13. _____	_____
14. _____	_____
15. _____	_____

Total Estimated Fee: \$  
(Includes direct and indirect costs)

\$449.56

PREPARED BY: Paul Daggett

## COST ESTIMATION WORKSHEET

SERIAL NUMBER/PROJECT CODE: COC69166

4. NEPA preparation

Title	Grade	Hourly Rate	No. Hours	Cost	Indirect Cost	Subtotal	Totals
Planner	12	32.97	1	32.97	6.50		39.47
NEPA IDT*	11	27.51	5	137.55	27.10		164.65
Total for Item 4.							\$204.12

5. Contract Termination application

Title	Grade	Hourly Rate	No. Hours	Cost	Indirect Cost	Subtotal	Totals
Total for Item 5.							

\*IDT- Interdisciplinary Team 12 members assume average pay grade 11  
Indirect cost 19.7% IM 2006-106