



A Subsidiary of Bowie Resources Partner, LLC

C/041/002 Incoming

#5675

Sufco Mine

John D. Byars
General Manager
597 South SR24
Salina Utah 84654
(435) 286-4400
Fax (435) 286-4499

June 4, 2018

Permit Supervisor
Utah Coal Regulatory program
Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, UT 84114-5801

Re: Clean Copies of Extension of Concrete at 4th East Fan- Amendment, Task ID# 5675, Canyon Fuel Company, LLC, Sufco Mine, Permit Number C/041/0002

Dear Sirs:

Please find enclosed with this letter clean copies of an amendment to the Sufco Mine Permit to provide revisions to the reclamation bond to accommodate the concrete extension of the 4th East Fan foundation pad. In addition to the bond revision, a drawing of the extension (highlighted) is included. Table 5-4 has been revised to include the date for the construction of the concrete extension.

A revision to the reclamation agreement is also included with these clean copies.

We appreciate your quick review and final approval of this project. If you have questions or need additional information please contact Vicky Miller at (435)286-4481.

CANYON FUEL COMPANY
SUFSCO Mine

Handwritten signature in blue ink that reads "Vicky S. Miller for".

Jacob Smith
Technical Services Manager

Encl.

cc: DOGM Correspondence File

RECEIVED

JUN 06 2018

DIV. OF OIL, GAS & MINING

APPLICATION FOR COAL PERMIT PROCESSING

Permit Change New Permit Renewal Exploration Bond Release Transfer

Permittee: Canyon Fuel Company, LLC

Mine: Sufco Mine

Permit Number: C/041/0002

Title: Clean Copies Amendment to MRP to Address the Extension of the Concrete at the 4th East Fan, Task ID# 5675

Description: Include reason for application and timing required to implement:

Instructions: If you answer yes to any of the first eight (gray) questions, this application may require Public Notice publication.

- Yes No 1. Change in the size of the Permit Area? Acres: _____ Disturbed Area: _____ increase decrease.
- Yes No 2. Is the application submitted as a result of a Division Order? DO# _____
- Yes No 3. Does the application include operations outside a previously identified Cumulative Hydrologic Impact Area?
- Yes No 4. Does the application include operations in hydrologic basins other than as currently approved?
- Yes No 5. Does the application result from cancellation, reduction or increase of insurance or reclamation bond?
- Yes No 6. Does the application require or include public notice publication?
- Yes No 7. Does the application require or include ownership, control, right-of-entry, or compliance information?
- Yes No 8. Is proposed activity within 100 feet of a public road or cemetery or 300 feet of an occupied dwelling?
- Yes No 9. Is the application submitted as a result of a Violation? NOV # _____
- Yes No 10. Is the application submitted as a result of other laws or regulations or policies?

Explain: _____

- Yes No 11. Does the application affect the surface landowner or change the post mining land use?
- Yes No 12. Does the application require or include underground design or mine sequence and timing? (Modification of R2P2)
- Yes No 13. Does the application require or include collection and reporting of any baseline information?
- Yes No 14. Could the application have any effect on wildlife or vegetation outside the current disturbed area?
- Yes No 15. Does the application require or include soil removal, storage or placement?
- Yes No 16. Does the application require or include vegetation monitoring, removal or revegetation activities?
- Yes No 17. Does the application require or include construction, modification, or removal of surface facilities?
- Yes No 18. Does the application require or include water monitoring, sediment or drainage control measures?
- Yes No 19. Does the application require or include certified designs, maps or calculation?
- Yes No 20. Does the application require or include subsidence control or monitoring?
- Yes No 21. Have reclamation costs for bonding been provided?
- Yes No 22. Does the application involve a perennial stream, a stream buffer zone or discharges to a stream?
- Yes No 23. Does the application affect permits issued by other agencies or permits issued to other entities?

Please attach four (4) review copies of the application. If the mine is on or adjacent to Forest Service land please submit five (5) copies, thank you. (These numbers include a copy for the Price Field Office)

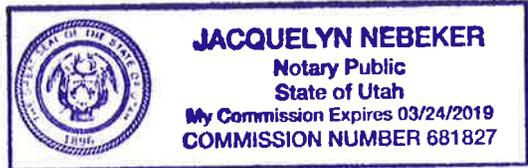
I hereby certify that I am a responsible official of the applicant and that the information contained in this application is true and correct to the best of my information and belief in all respects with the laws of Utah in reference to commitments, undertakings, and obligations, herein.

Jacob D. Smith
Print Name

J.D. Smith, Eng. Mgr., 6/4/18
Sign Name, Position, Date

Subscribed and sworn to before me this 4 day of June, 2018

Jacquelyn Nebeker
Notary Public
My commission Expires: _____, 20____ }
Attest: State of _____ } ss:
County of _____



<p>For Office Use Only:</p>	<p>Assigned Tracking Number:</p>	<p>Received by Oil, Gas & Mining</p> <p style="text-align: center; color: blue; font-weight: bold; font-size: 1.2em;">RECEIVED</p> <p style="text-align: center; color: red; font-weight: bold;">JUN 06 2018</p> <p style="text-align: center; color: blue; font-weight: bold;">DIV. OF OIL, GAS & MINING</p>
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CHAPTER 5
ENGINEERING

TABLE 5-4 (Continued)
 Description of Existing Structures

Structure	Construction Date	Construction Materials
Transfer Building	Fall 1977	Structural Steel
Truck Loader Bin	Fall 2002	Structural Steel
Truck Scale	1975 / 1982 / 1996	Structural Steel
Warehouse and Shop	Summer 1976	Pre-Engineered Steel
Warehouse Annex	Spring 2014	Pre-Engineered Steel
Water Tanks - Lower	Summer 1975/Summer 2002	Steel & Plastic
Water Tank - Upper	Summer 1975	Steel
Link Canyon Facilities		
Link Canyon Portals	Spring 2003	Steel
Link Canyon Substation	Summer 2000	Steel Skid
Four East Facilities		
Fan Generator Building	Fall 2003	Pre-Engineered Steel
4 East Fan	Spring 1996, Spring 2018*	Structural Steel

* Concrete foundation extension (Drawing located in Appendix 5-9)

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APPENDIX 5-9

Reclamation Bond Estimate

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Direct Costs

Subtotal Demolition and Removal	\$1,735,252	
Subtotal Backfilling and Grading	\$1,511,267	
Subtotal Revegetation	\$165,427	
Direct Costs	\$3,411,946	<i>2014 Dollars</i>

Indirect Costs

Mob/Demob	\$341,195	10.0%
Contingency	\$170,597	5.0%
Engineering Redesign	\$85,299	2.5%
Main Office Expense	\$232,012	6.8%
Project Mainagement Fee	\$85,299	2.5%
Subtotal Indirect Costs	\$914,402	26.8%

Total Cost	\$4,326,348.00	<i>2014 Dollars</i>
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<i>Escalation factor for 2014</i>		0.019
<i>Number of years to next midterm</i>		5
<i>Escalation Amount</i>	\$354,219.00	

<i>Reclamation Cost Escalated</i>	\$ 4,680,567	<i>2019 Dollars</i>
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Bond Amount (rounded to nearest \$1,000) 2019	\$4,681,000.00
Dollars	

Posted Bond 2018	\$4,681,000.00
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Difference Between Cost Estimate and Bond
Percent Difference

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Ref	Description	Materials	Unit	Length	Width	Height	Diameter	Area	Volume	Weight	Density	Time	Number	Unit	Quantity	Unit	Cost 2011 Dollars
Main Facilities																	
2	Ambulance Garage																\$3,483.00
3	Annex Building																\$32,463.00
4	Blast Channels A																\$152,004.00
5	Blast Channels B																\$56,770.00
6	Bulk and Used Oil Storage																\$3,372.00
7	Cap Magazine																\$790.00
8	Chlorinator Bld																\$785.00
9	Diesel Tank - 16,900 Gal																\$2,938.00
10	Drainage Culverts																\$31,195.00
11	Electrical Bld																\$1,176.00
12	Fan																\$7,063.00
13	Fire Water Tank 300,000 Gal																\$15,841.00
14	Fuel Dock																\$1,429.00
15	Guard House																\$535.00
16	Loadout Belt																\$4,209.00
17	Lower Stacker Coal Storage																\$3,498.00
18	Lump Coal Belt																\$1,545.00
19	Lump Coal Storage																\$2,332.00
20	Mine 1 Pad																\$18,588.00
21	No 1 Belt																\$4,760.00
22	Office Building																\$113,323.00
23	Pavement Removal																\$183,257.00
24	Powder Magazine																\$790.00
25	Pump Houses																\$1,906.00
26	Riprap Filter Fabric																\$358,602.00
27	Rock Dust Bin																\$4,852.00
28	ROM Coal Storage																\$1,457.00
29	ROM MCC Bld																\$115,388.00
30	Sampler Building																\$1,851.00
31	Sand and Salt Storage																\$3,167.00
32	Seal Portals																\$69,600.00
33	Sediment Trap																\$2,358.00
34	Septic Tanks																\$12,234.00
35	Shelves																\$5,696.00
36	Shop and Warehouse																\$109,689.00
37	Shop Garage																\$18,117.00
38	Shop Office																\$3,166.00
39	Side Release Tank																\$1,857.00
40	Steam Cleaner Building																\$10,744.00
41	Stoker Belt																\$2,009.00
42	Stoker Bin																\$11,600.00
43	Stoker Coal Storage																\$3,411.00
44	Stoker Oil Tanks																\$4,866.00
45	Storage Trailers																\$2,142.00
46	Substation Lower*																\$75,387.00
47	Ticket Printers																\$862.00
48	Tipple Building																\$77,804.00
49	Tipple MCC Building																\$5,652.00
50	Tipple Office Building																\$4,371.00
51	Trash Pit																\$822.00
52	Transfer Building																\$14,034.00
53	Truck Loader Bin																\$3,037.00
54	Truck Scale																\$49,354.00
55	Water Tank Lower																\$1,050.00
56	Water Tank Upper																\$1,050.00
57	West Lease Tunnels																\$45,811.00
58	Yard Hoist																\$1,630.00
Link Canyon Facilities																	
60	Link Canyon Portals																\$366.00
61	Link Canyon Substation																\$24,055.00
Fourth East Facilities																	
63	Fan Generator Building																\$4,007.00
64	Four East Fan																\$22,905.00
Mitigation																	
66	Northwater Mitigation																\$18,217.00
	Total																\$1,735,252.00

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Demolition Costs

SUFCo Mine Task

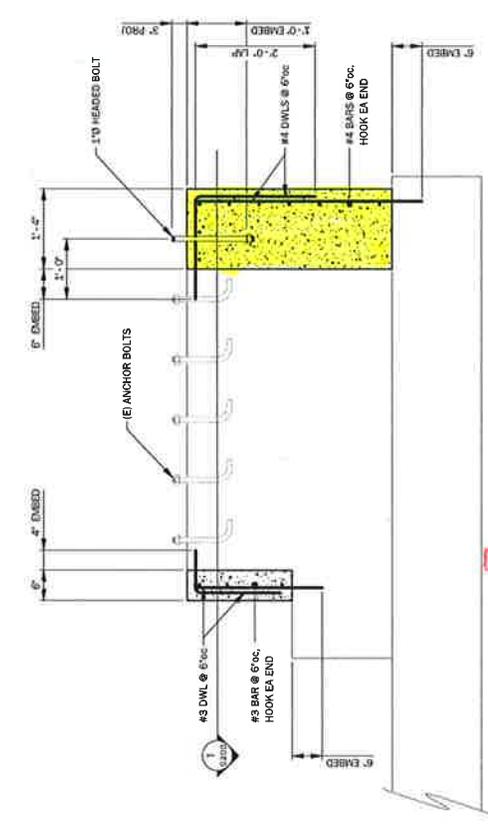
Ref	Description	Materials	Means Reference Number	Unit Cost	Unit	Length	Width	Height	Diameter	Area	Volume	Weight	Density	Time	Number	Unit	Price Factor	Quantity	Unit	Cost
	Four East Fan																			
	Structure's Demolition Cost	Fan Removal	SUFCO2	7000/EA	1 EA													1 EA		7000
	Structure's Vol. Demolished	Seal Portals	AML1	5200 EA.	2 EA													2 EA		10400
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Steel Truck																			
	Transportation Cost Steel Truck Drive																			
	Transportation Cost Steel Truck & Driver	Nielson Construction, 12 CY dump truck.	Truck and driver	760/day	1 day													1 day		760
	Subtotal																			13160
	Equipment's Disposal Cost																			
	Dismantling Cost																			
	Equipment's Vol. Demolished																			
	Loading Costs																			
	Transport Costs																			
	Disposal Costs																			
	Subtotal																			
	Concrete Demolition	Foundations <15"	Nielson '14	13.75 CY	CY						36							36 CY		495
	Concrete's Vol. Demolished																	47 CY		78
	Loading Cost	Front end loader 3 CY	31 23 16 42 1300	1.67 /CY														47 CY		78
	Transportation Cost	F.E. loader 60HP 50' haul	31 23 23 14 2000	1.2 LCY														47 CY		56
	Disposal Costs	On site disposal	02 41 16 17 4200	8.65 /CY														47 CY		407
	Subtotal																			1036
	Concrete Demolition	Backfill Trench Min haul 2' 14 CY	31 23 16 13 3080	1.77 CY	CY						150							150 CY		266
	Concrete's Vol. Demolished																	186 CY		0
	Loading Cost																	186 CY		0
	Transportation Cost																	186 CY		0
	Disposal Costs																	186 CY		0
	Subtotal																			266
	Concrete Demolition	Foundations <15"	Nielson '14	13.75 CY	CY						115							115 CY		1581
	Concrete's Vol. Demolished																	150 CY		251
	Loading Cost	Front end loader 3 CY	31 23 16 42 1300	1.67 /CY														150 CY		251
	Transportation Cost	F.E. loader 60HP 50' haul	31 23 23 14 2000	1.2 LCY														150 CY		180
	Disposal Costs	On site disposal	02 41 16 17 4200	8.65 /CY														150 CY		1288
	Subtotal																			3576
	Total																			22905

Assumptions

6 inch thick concrete slab with no rebar

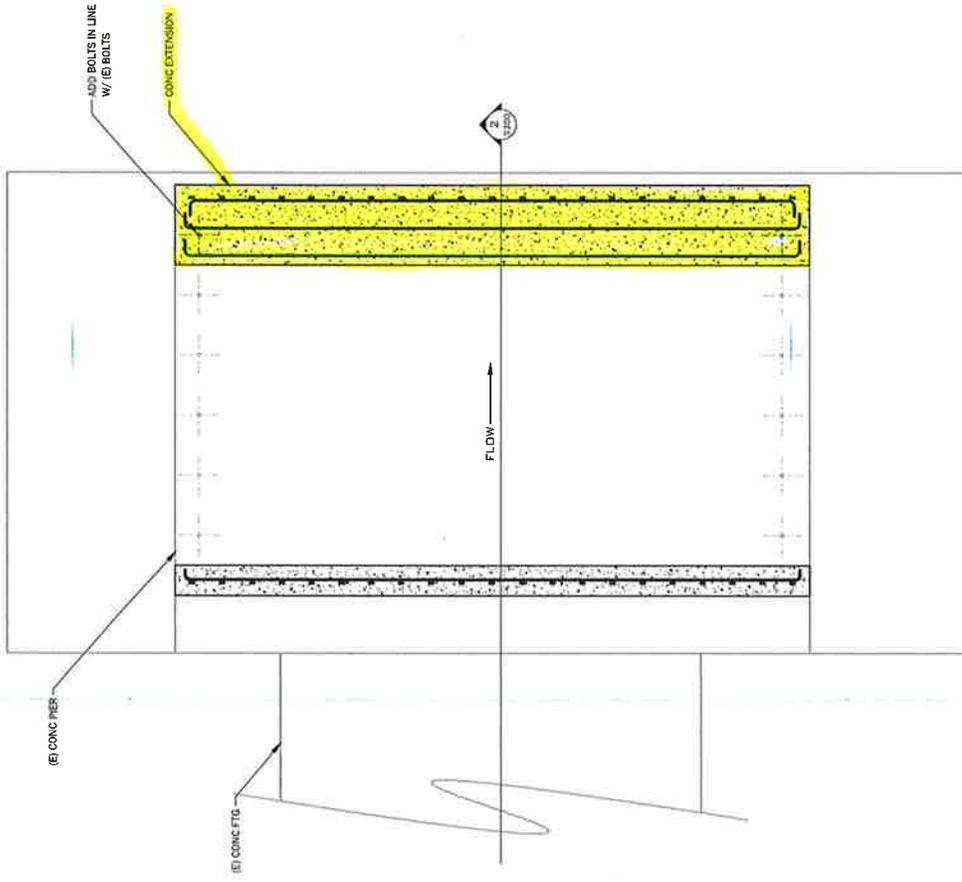
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**4th East Fan Foundation Extension
(Highlighted)
3 CY Concrete
Construction Spring 2018**



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2 SECTION
S200 | S200 NO SCALE



1 MOTOR BASE FOUNDATION EXTENSION PLAN
S200 | S200 NO SCALE

REV	DESCRIPTION	DATE	BY
0	ISSUED FOR CONSTRUCTION	2018-04-23	K. CHURILLA

PROJECT #: 18-042
FOR CONSTRUCTION
DATE: 2018-04-23
DRAWN: K. CHURILLA
ENGR: P. MCHULLIN
PHONE #: 801.634.4507

S200

FRAMING PLAN & SECTIONS

SUFCO
397 SOUTH 800 WEST
SALINA, UTAH



INGENIUM DESIGN US
DESIGN