

0125



SCOTT M. MATHESON  
Governor

OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON  
Executive Director,  
NATURAL RESOURCES

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES

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DIVISION OF OIL, GAS, AND MINING  
1588 West North Temple  
Salt Lake City, Utah 84116  
(801) 533-5771

JOHN L. BELL  
C. RAY JUVELIN  
THADIS W. BOX  
MAXILIAN A. FARBMAN  
EDWARD T. BECK  
E. STEELE McINTYRE

Vacation or Termination of Notice or Order

To the Following Permittee or Operator:

Name Utah Fuel Company : Skyline Mine

Mailing Address P.O. Box 719 Helper UT 84526

State Permit No. AG1/007/005

Utah Coal Mining and Reclamation Act, Section 40-10-1 et. seq., Utah Code Annotated (1953):

Notice of Violation No. N 84-7-5-2 84 2 dated May 8, 1984  
Y TV

Cessation Order No. C \_\_\_\_\_ Y TV dated \_\_\_\_\_, 19\_\_\_\_\_

Violation No. 1 is hereby X Terminated \_\_\_\_\_ Vacated because:

Violation No. 2 is hereby X Terminated \_\_\_\_\_ Vacated because:

Violation No. \_\_\_\_\_ is hereby \_\_\_\_\_ Terminated \_\_\_\_\_ Vacated because:

Date of Service January 3, 1985 Kenneth W. Wyatt  
Signature of Authorized Representative

Time of Service or Mailing 1100 X a.m. \_\_\_\_\_ p.m. Kenneth W. Wyatt #7  
Name and I.D. No.

THIS TERMINATION FORM SHALL SERVE TO REPLACE THE ALREADY EXISTING TERMINATION FORM DATED AUGUST 9, 1984. THE TERMINATION OF VIOLATION #1 of 2 REFERENCED AN EFFECTIVE DATE AND AN OPERATOR'S LETTER DATED JULY 5, 1984 and JULY 2, 1984 RESPECTIVELY. THESE DATES ARE INCORRECT AND ARE HEREBY CHANGED TO READ:

Violation #1 - terminated effective June 5, 1984 upon receipt by DOGM of the operator's letter dated June 4, 1984. (See attached copy)

Violation #2 - termination stands as indicated on the August 9, 1984 TERMINATION FORM

Glen A. Zumwalt  
Vice President and  
General Manager



**Utah Fuel  
Company**

P.O. Box 719  
Helper, Utah 84526  
(801) 637-7925 or  
Salt Lake (801) 566-7111

June 4, 1984

Subsidiary of  
Coastal States  
Energy Company

**RECEIVED**

**JUN 5 1984**

**DIVISION OF OIL  
GAS & MINING**

Dr. Dianne Nielsen, Director  
DIVISION OF OIL, GAS & MINING  
4241 State Office Building  
Salt Lake City, UT 84114

Re: Notice of Violation N84-7-5-2, 1 or 2 and 2 of 2

Dear Dr. Nielson:

On May 8, 1984 Kenneth W. Wyatt issued Utah Fuel Company two violations. Both of these violations dealt with minesite sediment control facilities and their operation. The first violation cited: (1) Failure to construct sediment control facilities in accordance with the approved design in the MRP, (2) Failure to treat water discharge from disturbed areas or underground mines so that it complies with all applicable state and federal water quality laws and regulations, and (3) Failure to construct sediment pond to prevent short-circuiting to an extent possible. These issues are addressed in an attached memo from Keith Zobell to myself with attached certified "as built" drawings for both our sediment pond and the minesite disturbed area.

Utah Fuel Company believes that the sediment control facility, specifically the sediment pond, was constructed in accordance with the approved design in the MRP and that it properly treats the water discharged from disturbed areas and from the underground mine. Further, correspondence has been included with the Utah Department of Health indicating that the completion of the discharge line had been agreed upon previously and construction is currently in process. We believe this NOV has been issued in error, possibly due to the lack of information available to the inspector at the time he issued it and should be withdrawn.

The second notice cited the failure to monitor sediment pond discharges adequately to demonstrate that the water quality of the discharge from the disturbed area is in compliance with all state and federal water quality rules and regulations. Utah Fuel Company has been complying, and continues to comply, with the water quality monitoring requirements established in its NPDES permit #UT 00 235 40 which is incorporated in our mining permit. During the time of the inspection, we had monitored under the requirements of A-3 in that permit for settleable solids as required during a period of snow melt.

As documented in Mr. Zobell's report, a capacity of 239,405 gallons per day currently exists for other pond inflows such as discharge from the mine

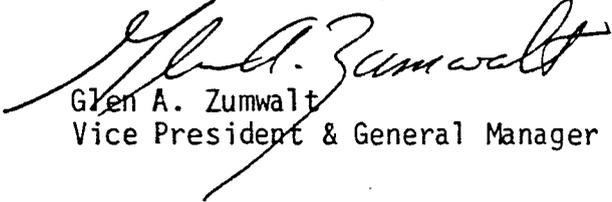
Dr. Dianne Nielsen, Director  
June 4, 1984  
Page two

beyond that required for a 24-hour, 10-year precipitation event and for sediment volume. Utah Fuel Company feels that this violation was also issued in error and should be withdrawn.

We will follow up this correspondence with direct communication with Maryann Wright to ensure she has all the information necessary to make her assessment on the validity of these violations.

Your consideration of our request is appreciated.

Sincerely,



Glen A. Zumwalt  
Vice President & General Manager

GAZ:jsg

cc: Clayton Parr

bxc: Vernal Mortensen  
John Garr  
Keith Zobell  
Keith Welch  
Kevin Yocum  
Gene Rooke

# DEPARTMENTAL CORRESPONDENCE

Date May 31, 1984

Subject DOGM NOTICE OF VIOLATION N 84-7-5-2, MAY 8, 1984

RECEIVED

To Glen Zumwalt

Dep't. \_\_\_\_\_

JUN 5 1984

From Keith Zobell *KZ*

Dep't Engineering

DIVISION OF OIL  
& GAS TRAINING

On May 8, 1984 NOV N 84-7-5-2 was issued by DOGM as a result of an inspection by Mining Field Specialist, Ken Wyatt. This NOV addresses three issues; (1) Failure to construct sediment control facilities in accordance with the approved design in the M&RP, (2) Failure to treat water discharged from disturbed areas on the underground mine so that it complies with all applicable state and federal water quality laws and regulations, and (3) Failure to construct sediment pond to prevent short circuiting to the extent possible.

All three of these issues were discussed at the time that the NOV was issued. We felt that we were in full compliance with issues No. 1 & 2 and that issue No. 3 had been discussed with Utah State Dept. of Health and an approved plan of action to correct the deficiency was agreed upon in Sept. 1983.

Since May 8th, we have gathered the following information on the three issues raised in the NOV.

## ISSUE NO. 1

On May 11, 1982 the sedimentation pond was surveyed. This survey showed that there is some small differences in configuration and placement of the pond. The major difference is in the slopes on the south side on the pond where the slope is nearly verticle. This is a result of the south portion of the pond being in solid rock and the designed slope was not possible or practical in this type of material. The design capacity in the M&RP shows the pond is to contain 345,000 cubic feet. The as built survey shows the actual capacity to be 337,362 cubic feet or 97.8% of the original design capacity. We feel that an earthen structure built whinin 2.2% of design is acceptable and built as designed. Drawings showing the as built compared with the design are attached and certified by a registered professional Engineer.

## ISSUE NO. 2

This issue revolves around the fact that on page 3-25 in volume 2 of the M&RP no mention is made to provide 24 hour retention storage for any mine water. However, on Page 3-42, volume 2 of the M&RP storage capacity for 24 hour retention of mine water is inferred. In both of these instances there appears to be some confusion in typographical errors and in how much the actual disturbed area of the mine site is.

In order to clear up this confusion the entire distrubed area of the mine site was surveyed. This survey excluded the UDOT road with its adjoining cut and fill slopes. This survey showed that the actual disturbed area on the mine site is 31.1 acres. The required volume for providing a theoretical 24-hour retention of the run off is 1.50 inches per acre X 31.1 acres = 169,272 cubic feet. The required volume for sediment storage is .10 ace feet X 31.1 acres = 135,472 cubic feet.

May 31, 1984

Page Two

If you subtract the required volume for run off (169,272 cubic feet) and that required for sediment storage (135,470 cubic feet) from the total available volume of sedimentation pond (337,362 cubic feet) it shows that we have 32,006 cubic feet of capacity available for 24 hour retention of mine discharge water. This converts to 239,405 gallons per day. From this current information it is apparent that we have sufficient capacity in the sedimentation pond to: (1) Meet the requirements for surface run off retention, (2) Meet the requirements for sediment storage and (3) Have sufficient capacity to meet the mine water discharge 24 hour retention up to 239,405 gallons per day. A drawing showing the actual disturbed area of the mine site is attached and certified by a registered professional Engineer.

### ISSUE NO. 3

During the construction phase of the mine and surface facilities the mine water discharge line was temporarily brought out of portal five and the point of discharge was at the east end of the sedimentation pond. The plan calls for the discharge point to be on the west end of the pond. The point of discharge was planned to be changed to the west end of the pond during construction but due to the construction slow down this was not accomplished.

On August 16, 1983 Steven McNeal of the Utah Dept. of Health who administers our NPDES permit made an inspection of our mine site. On August 31, 1983 he wrote us a letter requesting us to relocate the mine water discharge point from the east end of the pond to a point "as close to the original plan location as practical". On Sept. 2, 1983 Ben Bringham, Keith Welch and myself met with Steve McNeal. At this meeting it was agreed that we (Utah Fuel) would: (1) Request the necessary funds to relocate the mine water discharge point, (2) Because of the short construction season at Skyline mine that the work probably could not be accomplished in the fall of 1983, (3) construction would begin in the late spring of 1984 as soon as the snow had left the site and (4) that the point of discharge would be as close to the original plan location as practical.

The project to relocate the mine water discharge line is on schedule. The project has been surveyed and designed and materials have been ordered. Construction is expected to start by mid June and be completed by the end of June. A letter has been sent to Steven McNeal informing him of our progress.

Copies of Steven McNeals letter to us and our letter to him informing him of our progress are attached.

### CONCLUSION

After considering all of the facts and spending many hours in collection of up-dated information on the issues raised I am reaffirmed in my position that we are indeed in compliance with the issues and not in violation.

KWZ:11

Attachments

STATE OF UTAH  
DEPARTMENT OF HEALTH  
DIVISION OF ENVIRONMENTAL HEALTH  
150 West North Temple, P.O. Box 2500, Salt Lake City, Utah 84110-2500



Kenneth Lee Alkema, Director  
Room 474 801-533-6121

August 31, 1983  
533-6146

RECEIVED

JUN 5 1984

DIVISION OF OIL  
GAS & MINING

nes O. Mason, M.D., Dr.P.H.  
Executive Director  
801-533-6111

DIVISIONS

Community Health Services  
Environmental Health  
Family Health Services  
Health Care Financing

OFFICES

Administrative Services  
Community Health Nursing  
Management Planning  
Medical Examiner  
State Health Laboratory

Keith Welch  
Environmental Coordinator  
Coastal States Energy Co.  
411 West 7200 South  
Midvale, Utah 84047

RE: Mine Drainage

*Keith*  
Dear Mr. Welch:

During my inspection on August 16, 1983 it appeared that the Coastal States Skyline mine water discharge to the portal surface pond was at the outlet end of the pond. A review of the 1980 plans indicates that the mine drainage was proposed for the opposite end of the pond.

Since the present mine water inlet location would result in short-circuiting to the outlet, we request that the inlet be located as close to the original plan location as practical. In addition, settling of the mine drainage in properly designed and maintained underground sumps will help reduce the possibility of effluent discharge violations. Submittal of recent mine water flow rates and water quality information would also help us to evaluate the present system.

The company's prompt attention to these requests will be appreciated.

Sincerely,

Steven McNeal  
Public Health Engineer  
Utah Bureau of Water Pollution Control

na

cc: Southeastern District Health Dept.  
0150



**Utah Fuel  
Company**

P.O. Box 719  
Helper, Utah 84526  
(801) 637-7925 or  
Salt Lake City line:  
(801) 566-7111

Subsidiary of  
Coastal States  
Energy Company

June 1, 1984

**RECEIVED**

**JUN 5 1984**

**DIVISION OF OIL  
GAS & MINING**

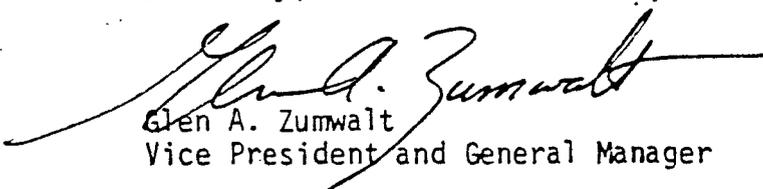
Mr. Steven McNeal  
Public Health Engineer  
Utah Bureau of Water Pollution Control  
150 West North Temple  
P.O. Box 2500  
Salt Lake City, Utah 84110

Dear Mr. McNeal:

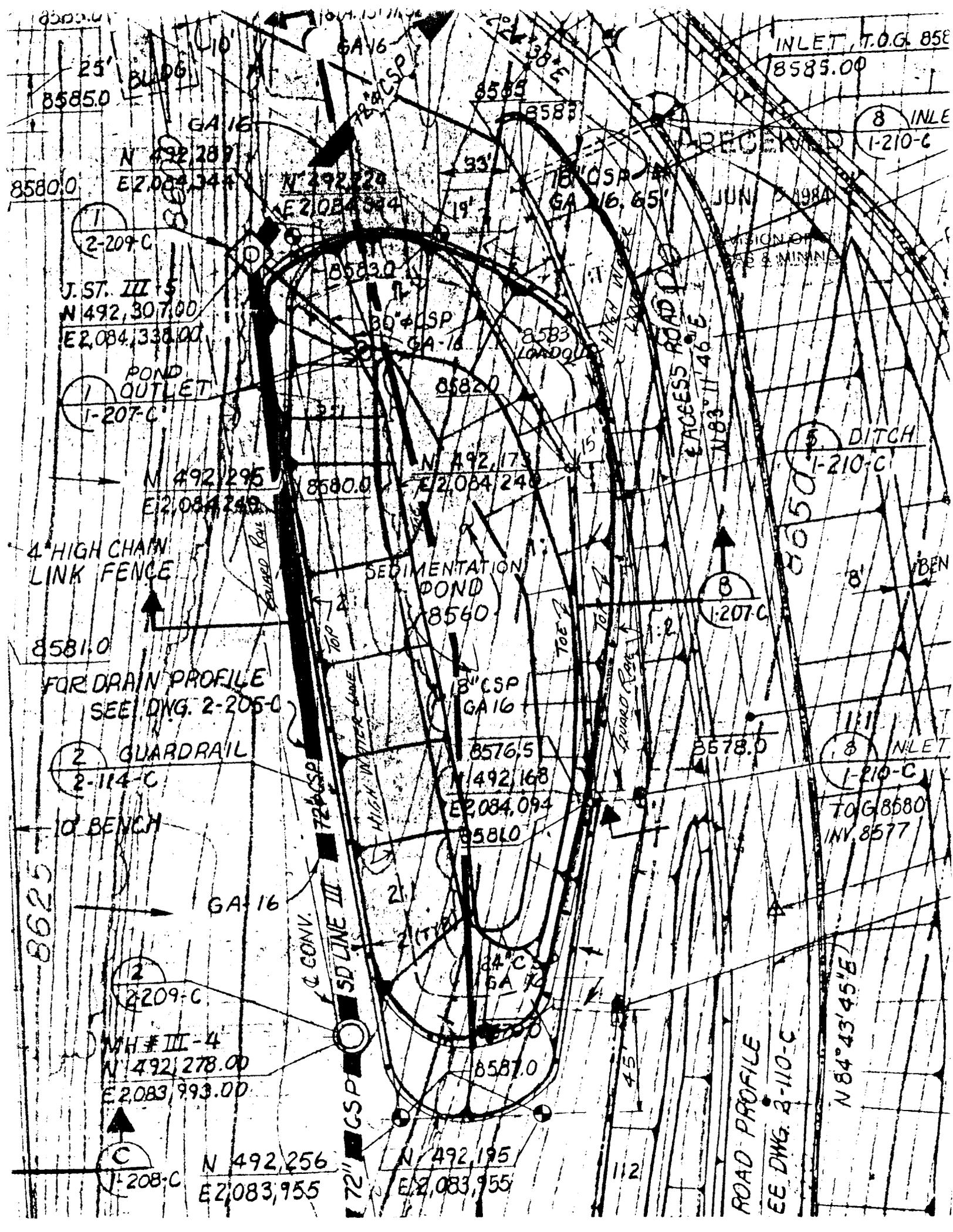
We would like to take this opportunity to bring you up to date as to our progress in relocating the mine water discharge line as indicated in the original plan. In a meeting with you on Sept. 2, 1983 Ben Bringham, Keith Welch, and Keith Zobell discussed your request (Re: your Aug. 21, 1983 letter) to relocate the mine water discharge point. We have proceeded with the agreed upon course of action as a result of that meeting. We did request funding to extend the discharge line so the point of discharge would be on the West end of the sedimentation pond as shown in the original drawings. We have received this funding. We have surveyed and designed the relocation. Materials have been ordered and since our winter season is finally over we expect construction to start by mid June and be completed by the end of June.

We appreciate your assistance in resolving this deficiency and will notify you upon completion of the project.

Sincerely,

  
Glen A. Zumwalt  
Vice President and General Manager

GAZ:11



INLET, T.O.G. 8585.00  
8585.00

25' BLADE  
8585.0  
GA-16  
N 492,289  
E 2,084,344

8580.0  
N 492,224  
E 2,084,334

2-209-C

J. ST. III-5  
N 492,307.00  
E 2,084,338.00

POND OUTLET  
1-207-C

N 492,295  
E 2,084,248

4' HIGH CHAIN LINK FENCE  
8581.0

FOR DRAIN PROFILE SEE DWG. 2-205-C

2 GUARDRAIL  
2-114-C

0' BENCH

8625

2-209-C

WH # III-4  
N 492,278.00  
E 2,083,993.00

1-208-C  
N 492,256  
E 2,083,955

GA-16  
72" CSP

33'  
19'  
30' CSP  
GA-16

8583.0  
8582.0

8580.0  
N 492,173  
E 2,084,248

SEDIMENTATION POND  
8560

18" CSP  
GA-16

8576.5  
N 492,168  
E 2,084,094

8581.0

GA-16  
72" CSP

8587.0

8587.0  
N 492,195  
E 2,083,955

72" CSP

38'E  
8585  
8583

18" CSP  
GA-16, 65'

8583  
LOAD QUIT

8582.0

15'

8578.0

8576.5

8581.0

8587.0

8587.0

8587.0

112

RECEIVED JUN 2 1984

8 INLE  
1-210-C

DESIGN OF  
S & MINNIE

ACCESS ROAD  
N 83° 11' 46" E

5 DITCH  
1-210-C

8580.0

8

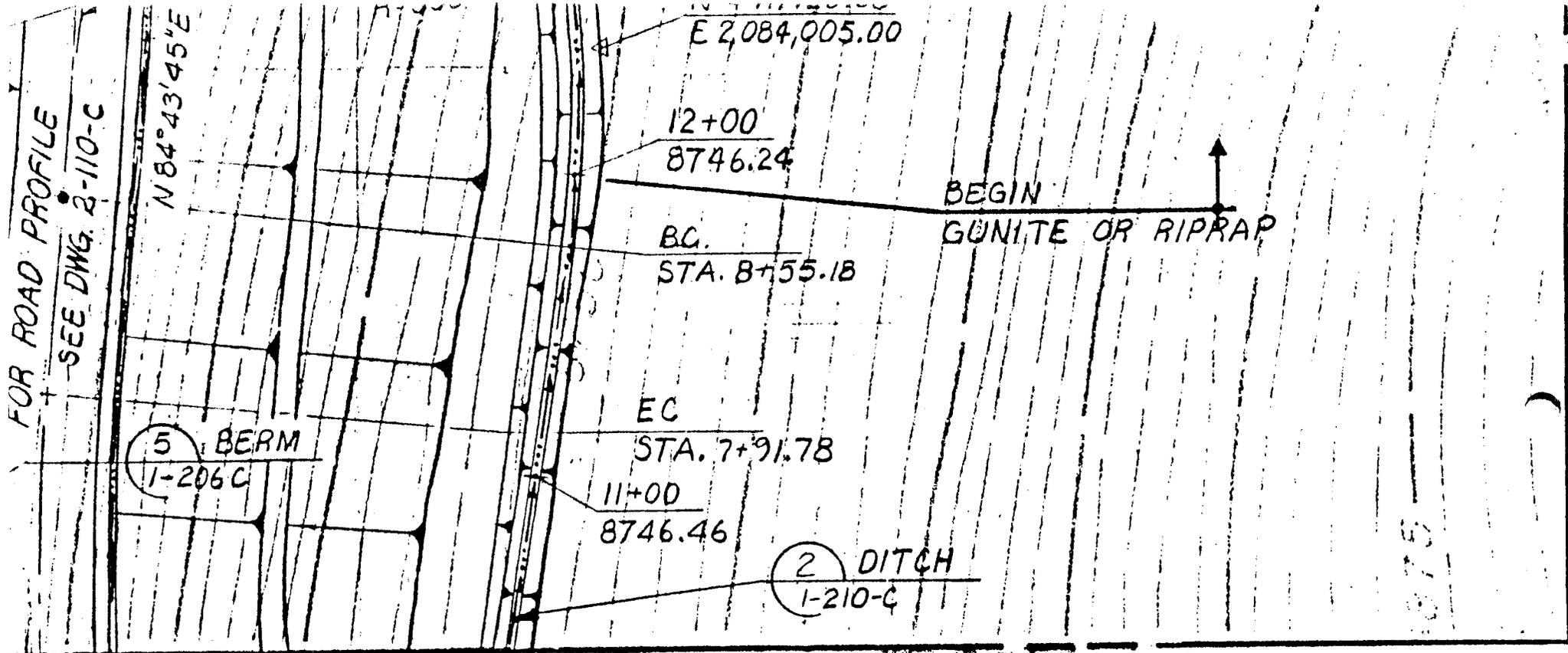
8 INLE  
1-210-C

T.O.G. 8580  
INV. 8577

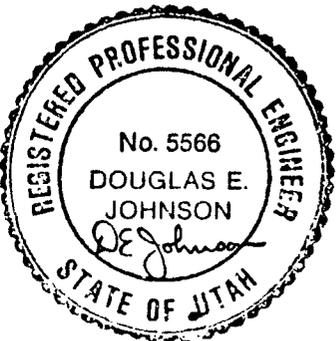
ROAD PROFILE  
EE DWG. 2-110-C

N 84° 43' 45" E

112



E 2,083,810



I CERTIFY THAT THE AREA  
 IN RED REPRESENTS A TRUE  
 AND ACCURATE SURVEY OF  
 THE AS-BUILT SEDIMENTATION  
 POND AT THE SKYLINE MINESITE.

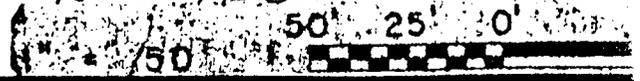
*Douglas E. Johnson*  
 6-1-84

RECEIVED

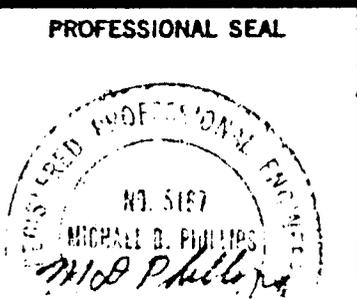
JUN 5 1984

DIVISION OF OIL  
 GAS & MINING

NOTE: AS-BUILT SHOWN IN RED



SCALE:	1" = 50'-0"	DATE	
DESIGNED BY	B. YELDA	2-12-80	
DRAWN BY	W. O. HENDERSON	2-19-80	
CHECKED BY	A. J. LEE	2-21-80	
APPROVED BY	<i>William C. Lee</i>	2-22-80	



**COASTAL STATES ENERGY COMP**  
**SKYLINE PROJECT**

PORTAL SURFACE FACILITIES  
 ROUGH GRADING & DRAINAGE

**KAISER ENGINEERS**  
 KAISER ENGINEERS, INC.  
 300 LAKEVIEW DRIVE  
 P.O. BOX 82816  
 OAKLAND, CALIFORNIA

BOUNDARY LINE

MATCH LINE E 2,084,580

TRUCK LOADOUT

N 492,191.84

E 2,084,331.75

N 492,130.00

E 2,084,364.99

N 492,000

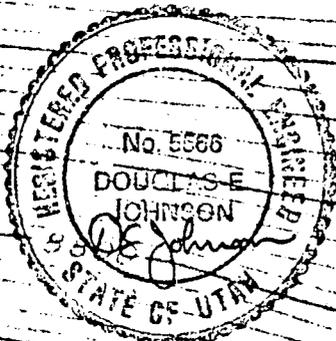
8575

8575

8550

8700

8750



I CERTIFY THAT THE BOUNDARY LIMITS SHOWN IN RED ARE AN ACCURATE AND TRUE REPRESENTATION OF THE DISTURBED AREA AT THE SKYLINE MINESITE.

Douglas E. Johnson  
6-1-84

8850

N 491,500

8875

DISTURBED AREA BOUNDARY  
AS-BUILT

1" = 100'  
100' 50' 0' 100' 200'

D  
E  
F

RECEIVED

JUN 5 1984

DIVISION OF OIL  
GAS & MINING