



00205477

CREWS & ZEREN
PETROLEUM LAND CONSULTANTS

1223 28TH AVENUE, SUITE 2
GREELEY, COLORADO 80631

(303) 351-0733 GREELEY
(303) 659-7710 DENVER
(303) 351-0867 FAX

July 27, 1992

Don Homer
Water Quality Control Division
Colorado Department of Health
State of Colorado
4120 E. 11th Avenue
Denver, CO ;80220

RECEIVED

JUL 27 1992

WATER OIL & GAS CONSERVATION

OK RUS well site

Dear Mr. Homer:

This letter is to confirm our phone conversation today in which you concurred that C & F Energy, Inc. may, for a test period of 90-day, dispose of water produced from the Fosston/State 10-16 oil and gas well in the SE¼ of Section 16, Township 7 North, Range 63 West, 6th P.M., Weld County, Colorado, by spreading the produced water on the land near the drillsite.

I enclose for your files a copy of the Water Analysis Report from the laboratory of Halliburton Services in Evansville, Wyoming. The water sample analyzed by Halliburton was representative of the water being produced from the well along with the oil. After separation from oil, the water is run either into a tank or into an earthen pit, from which it will be applied to the land around the drillsite area. The 90-day period will enable C & F to evaluate the commercial potential of the well. At the end of such period, C & F will submit the one-time analysis which you outlined to me before applying any more produced water.

The surface and minerals are owned by the State of Colorado. The surface tenant, Roland Ball, has concurred with our beneficial use of this water. He believes that the water will contribute to better grass growth and perhaps even serve as an occasional source of water for his livestock. By this letter, he is being provided with a copy of the Halliburton report, and we welcome any questions he might have about contents of the water.

Victor Sainz, your district engineer, and I personally visited the site, and Victor's only concern was that we take precautions to ensure that none of the water flows across frozen lands during the winter and ultimately reach Coal Creek. For this reason, we have made plans to have a pit for emergency storage of approximately 50 days of production.

If I have omitted anything from our conversation or if you have any questions, please let me know.

Cordially,

William G. Crews, CPL
Attorney-in-Fact for C & F Energy, Inc.

enclosure: water analysis report

pc: Jim Kinney - Colorado Oil and Gas Conservation Commission - Denver, CO
Roland Ball - Briggsdale, CO

WGC/mm

=> HS.FECW751

ROBERT CADY/DIST OPR MGR

DOM ADM

 * WATER ANALYSIS REPORT *
 * ===== *
 * HALLIBURTON SERVICES *
 * WESTERN AREA LAB, ROCKY MOUNTAINS *
 * BOX 1510 *
 * EVANSVILLE, WY 82636 *

DATE: 7 July 92

TO: Bob Cady
 - Halliburton Services
 - Brighton, CO

cc: Bill Crews
 1223 28th Ave.
 Suite 2
 Greeley, CO 80631

RESPECTFULLY SUBMITTED,

BY: Dave Petersen

COMPANY: C & F Energy, Inc.

REPORT NO: W92-0202

WELL NAME: Fosston/State 10-16

DATE REC'D: 7 Jul 92

LOCATION: Weld County, CO
 Sec 16 - T7N - R63W

FORMATION: J sand (7370'-7374')
 BHT: 230 deg F
 Flowline Sample

SPECIFIC GRAVITY -----	1.007	
PH -----	7.0	
IRON (FE) -----	4	MPL
POTASSIUM (K)-----	26	"
SODIUM (NA) -----	2721	"
CALCIUM (CA) -----	22	"
MAGNESIUM (MG) -----	9	"
CHLORIDES (CL) -----	3275	"
SULFATES (SO4) -----	< 10	"
CARBONATES (CO3) -----	Nil	"
BICARBONATES (HCO3) -----	1754	"
TDS -----	7811	"
RESISTIVITY-----	1.10	OHMS AT 72 DEGREES F

REMARKS:

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