

Docket File 40-8728  
out PDR

Docket File 40-8728

RScarano  
REBrowning  
JBMartin

APR 29 1981

WMUR:40-8728  
SUA-1373, Amendment No. 1

Teton Exploration Drilling Co., Inc.  
ATTN: Richard Appel  
Coordinator, Permits and Licensing  
P.O. Drawer A-1  
Casper, Wyoming 82602

Gentlemen:

Mill file  
WMUR r/f  
WMUR c/f  
WM r/f  
NMSS r/f  
PDR  
I&E HQ (2)  
AEOD OFF  
BBrooks  
SHO ORG  
ACABELL  
MAUERBACH  
JRobertson  
DWEiss  
BFisher  
JLinehan  
HPettengill  
DMartin

Pursuant to Title 10, Code of Federal Regulations, Part 40, Condition No. 24 of Source Material License No. SUA-1373 is hereby amended to read as follows:

24. Final disposition of radioactive solid process residues from solution evaporation ponds (byproduct material) by the licensee shall be at a licensed NRC tailings disposal site.

All other conditions of this license shall remain the same.

This modification of Condition 24 was discussed with your Mr. Appel in a meeting with my staff on April 7, 1981, and supercedes the plan submitted in your letter dated January 6, 1981.

The effect of this amendment is to delete the requirement for submission of an ultimate disposal plan, since the byproduct material will be disposed of at a tailings disposal site.

FOR THE NUCLEAR REGULATORY COMMISSION

Original Signed by:  
R. A. Scarano

Ross A. Scarano, Chief  
Uranium Recovery Licensing Branch  
Division of Waste Management

Case Closed (04008728A01E )

9609240094 B10429  
PDR ADOCK 04008728  
C PDR

5/15/81

OFFICE	WMUR	WMUR	WMUR	WMUR			
SURNAME	FRoss:bjw	JLinehan	RAScarano	BP			
DATE	4/15/81	4/15/81	4/15/81	4/24/81			

## MATERIALS DATA INPUT S/SNM

1 - FILE COPY

out

## A. TYPE OF ACTION AND IDENTIFICATION CODES

<input type="checkbox"/> NEW LICENSE	<input type="checkbox"/> AMENDMENT TO RENEW LICENSE	<input type="checkbox"/> AMENDMENT TO TERMINATE	<input type="checkbox"/> VOID	DOCKET NUMBER	MAIL CONTROL NUMBER	CHANGE NAME/ ADDRESS
<input type="checkbox"/> NEW LICENSE AND NEW LICENSEE	<input checked="" type="checkbox"/> OTHER AMENDMENT	<input type="checkbox"/> CLERICAL CHANGE/ NO AMENDMENT		040-08728	18243	<input type="checkbox"/>

## B. INDICATIVE INFORMATION:

INDIVIDUAL	NAME (LAST, FIRST, MIDDLE)	NAME (LAST, FIRST, MIDDLE)
	NAME (LAST, FIRST, MIDDLE)	NAME (LAST, FIRST, MIDDLE)
	NAME (LAST, FIRST, MIDDLE)	NAME (LAST, FIRST, MIDDLE)
ORGANIZATION	ORGANIZATION NAME (ALPHABETIC SEQUENCE)	
	Teton Exploration Drilling Company Inc.	
ADDRESS	DEPARTMENT OR BUREAU	
BUILDING, STREET	CITY	STATE
	Casper	WY
P.O. Box Drawer A-1	ZIP CODE	
	82602	
TYPE OF APPLICANT	<input type="checkbox"/> U.S. GOVERNMENT AGENCY	DATE REQUEST RECEIVED
	<input type="checkbox"/> INDIVIDUAL LICENSEE	01/19/81
<input type="checkbox"/> ORGANIZATIONAL LICENSEE	INSTITUTION CODE	PENDING PROG. CODE
	13183	
ACTUAL PROG. CODE		
SECONDARY PROGRAM CODES AS REQUIRED:		
#1	#2	#3
#4	#5	
LICENSE NUMBER	DATE LICENSE ISSUED OR ACTION COMPLETED	EXPIRATION DATE
SUA-1373	4/29/81	

## C. STATISTICAL INFORMATION:

MEDICAL CATEGORY:	<input type="checkbox"/> FOR HUMAN USE ONLY	<input type="checkbox"/> FOR HUMAN AND NONHUMAN USE	<input type="checkbox"/> FOR NONHUMAN USE ONLY
POSSESSION OF THE MATERIAL IS AUTHORIZED IN ONE OF THE FOLLOWING AREAS.			
<input type="checkbox"/> SAME AS "STATE" IN ADDRESS	<input type="checkbox"/> ALL STATES	<input type="checkbox"/> ALL NON-AGREEMENT STATES	
AND/OR IN THE STATE(S), TERRITORY(S), COUNTRY CHECKED BELOW			
ALABAMA -AL	GEORGIA -GA	MARYLAND -MD	NEW JERSEY -NJ
ALASKA -AK	HAWAII -HI	MASSACHUSETTS -MA	NEW MEXICO -NM
ARIZONA -AZ	IDAHO -ID	MICHIGAN -MI	NEW YORK -NY
ARKANSAS -AR	ILLINOIS -IL	MINNESOTA -MN	NORTH CAROLINA -NC
CALIFORNIA -CA	INDIANA -IN	MISSISSIPPI -MS	NORTH DAKOTA -ND
COLORADO -CO	IOWA -IA	MISSOURI -MO	OHIO -OH
CONNECTICUT -CT	KANSAS -KS	MONTANA -MT	OKLAHOMA -OK
DELAWARE -DE	KENTUCKY -KY	NEBRASKA -NB	OREGON -OR
WASHINGTON DC -DC	LOUISIANA -LA	NEVADA -NV	PENNSYLVANIA -PA
FLORIDA -FL	MAINE -ME	NEW HAMPSHIRE -NH	RHODE ISLAND -RI
			SOUTH CAROLINA -SC
			SOUTH DAKOTA -SD
			TENNESSEE -TN
			TEXAS -TX
			UTAH -UT
			VERMONT -VT
			VIRGINIA -VA
			WEST VIRGINIA -WV
			WISCONSIN -WI
			WYOMING -WY
			AMERICAN SAMOA -AS
			CANAL ZONE -CZ
			GUAM -GU
			PUERTO RICO -PR
			VIRGIN ISLANDS -VI
			CANADA -CN

## D. POSSESSION LIMITS OF SOURCE AND SPECIAL NUCLEAR MATERIALS AND TRITIUM

SOURCE MATERIAL CEILING	<input type="checkbox"/> GRAMS	SNM CEILING	<input type="checkbox"/> KILOGRAMS	<input type="checkbox"/> "X" HERE IF FOR POWER REACTOR
MAT	AMOUNT	UNIT	CONFIG	ENRICH
U5		<input type="checkbox"/> G <input type="checkbox"/> Kg	<input type="checkbox"/> S <input type="checkbox"/> UNS	
U3		<input type="checkbox"/> G <input type="checkbox"/> Kg	<input type="checkbox"/> S <input type="checkbox"/> UNS	
PU		<input type="checkbox"/> G <input type="checkbox"/> Kg	<input type="checkbox"/> S <input type="checkbox"/> UNS	
UR		<input type="checkbox"/> G <input type="checkbox"/> Kg	<input type="checkbox"/> S <input type="checkbox"/> UNS	
TH		<input type="checkbox"/> G <input type="checkbox"/> Kg	<input type="checkbox"/> S <input type="checkbox"/> UNS	
		<input type="checkbox"/> G <input type="checkbox"/> Kg	<input type="checkbox"/> S <input type="checkbox"/> UNS	
		<input type="checkbox"/> G <input type="checkbox"/> Kg	<input type="checkbox"/> S <input type="checkbox"/> UNS	
		<input type="checkbox"/> G <input type="checkbox"/> Kg	<input type="checkbox"/> S <input type="checkbox"/> UNS	
H3		<input type="checkbox"/> CURIES <input type="checkbox"/> MILLICURIES	<input type="checkbox"/> MICROCURIES	RIS CODES

U5=U235, U3=U233, PU=PLUTONIUM, UR=URANIUM, TH=THORIUM, H3=TRITIUM, G=GRAMS, Kg=KILOGRAMS, S=SEALED, UNS=UNSEALED

## MATERIALS DATA INPUT S/SNM

1 - FILE COPY

### A. TYPE OF ACTION AND IDENTIFICATION CODES

1	<input type="checkbox"/> NEW LICENSE	<input type="checkbox"/> AMENDMENT TO RENEW LICENSE	<input type="checkbox"/> AMENDMENT TO TERMINATE	<input type="checkbox"/> VOID	DOCKET NUMBER	MAIL CONTROL NUMBER	CHANGE NAME/ ADDRESS
	<input type="checkbox"/> NEW LICENSE AND NEW LICENSEE	<input checked="" type="checkbox"/> OTHER AMENDMENT	<input type="checkbox"/> CLERICAL CHANGE NO AMENDMENT	8	040-08728	19216	<input type="checkbox"/>

#### B. INDICATIVE INFORMATION:

1 NAME (LAST, FIRST, MIDDLE)	NAME (LAST, FIRST, MIDDLE)			
	NAME (LAST, FIRST, MIDDLE)			
	NAME (LAST, FIRST, MIDDLE)			
3 ORGANIZATION NAME (ALPHABETIC SEQUENCE) UNC Teton Exploration Drilling Co. Inc.				
DEPARTMENT OR BUREAU				
5 ADDRESS	BUILDING, STREET P.O. Box Drawer A-1	CITY Casper	STATE WY	ZIP CODE 82602
6	TYPE OF APPLICANT: <input type="checkbox"/> U.S. GOVERNMENT AGENCY <input type="checkbox"/> INDIVIDUAL LICENSEE <input checked="" type="checkbox"/> ORGANIZATIONAL LICENSEE	DATE REQUEST RECEIVED 05/26/81	INSTITUTION CODE 13183	PENDING PROG. CODE  ACTUAL PROG. CODE
7 SECONDARY PROGRAM CODES AS REQUIRED:				
#1	#2	#3	#4	#5
LICENSE NUMBER SUA-1373	DATE LICENSE ISSUED OR ACTION COMPLETED 6/14/81	EXPIRATION DATE		

## C. STATISTICAL INFORMATION:

MEDICAL CATEGORY:		
<input type="checkbox"/> FOR HUMAN USE ONLY	<input type="checkbox"/> FOR HUMAN AND NONHUMAN USE	<input type="checkbox"/> FOR NONHUMAN USE ONLY
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☐ SAME AS "STATE" IN ADDRESS
 ☐ ALL STATES
 ☐ ALL NON-AGREEMENT STATES

AND/OR IN THE STATE(S), TERRITORY(S), COUNTRY CHECKED BELOW.

ALABAMA	AL	GEORGIA	GA	MARYLAND	MD	NEW JERSEY	NJ	SOUTH CAROLINA	SC	WYOMING	WY
ALASKA	AK	HAWAII	HI	MASSACHUSETTS	MA	NEW MEXICO	NM	SOUTH DAKOTA	SD		
ARIZONA	AZ	IDAHO	ID	MICHIGAN	MI	NEW YORK	NY	TENNESSEE	TN	AMERICAN SAMOA	AS
ARKANSAS	AR	ILLINOIS	IL	MINNESOTA	MN	NORTH CAROLINA	NC	TEXAS	TX	CANAL ZONE	CZ
CALIFORNIA	CA	INDIANA	IN	MISSISSIPPI	MS	NORTH DAKOTA	ND	UTAH	UT	GUAM	GU
COLORADO	CO	IOWA	IA	MISSOURI	MO	OHIO	OH	VERMONT	VT	PUERTO RICO	PR
CONNECTICUT	CT	KANSAS	KS	MONTANA	MT	OKLAHOMA	OK	VIRGINIA	VA	VIRGIN ISLANDS	VI
DELAWARE	DE	KENTUCKY	KY	NEBRASKA	NE	OREGON	OR	WASHINGTON	WA		
WASHINGTON DC	DC	LOUISIANA	LA	NEVADA	NV	PENNSYLVANIA	PA	WEST VIRGINIA	WV	CANADA	CN
FLORIDA	FL	MAINE	ME	NEW HAMPSHIRE	NH	RHODE ISLAND	RI	WISCONSIN	WI		

## D. POSSESSION LIMITS OF SOURCE AND SPECIAL NUCLEAR MATERIALS AND TRITIUM

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<input type="checkbox"/> GRAMS <input type="checkbox"/> KILOGRAMS				<input type="checkbox"/> GRAMS <input type="checkbox"/> KILOGRAMS				<input type="checkbox"/> "X" HERE IF FOR POWER REACTOR			
MAT	AMOUNT	UNIT	CONFIG	ENRICH	MAT	AMOUNT	UNIT	CONFIG	ENRICH		
U5		<input type="checkbox"/> G <input type="checkbox"/> Kg	<input type="checkbox"/> S <input type="checkbox"/> UNS				<input type="checkbox"/> G <input type="checkbox"/> Kg	<input type="checkbox"/> S <input type="checkbox"/> UNS			
U3		<input type="checkbox"/> G <input type="checkbox"/> Kg	<input type="checkbox"/> S <input type="checkbox"/> UNS				<input type="checkbox"/> G <input type="checkbox"/> Kg	<input type="checkbox"/> S <input type="checkbox"/> UNS			
PU		<input type="checkbox"/> G <input type="checkbox"/> Kg	<input type="checkbox"/> S <input type="checkbox"/> UNS				<input type="checkbox"/> G <input type="checkbox"/> Kg	<input type="checkbox"/> S <input type="checkbox"/> UNS			
UR		<input type="checkbox"/> G <input type="checkbox"/> Kg	<input type="checkbox"/> S <input type="checkbox"/> UNS				<input type="checkbox"/> G <input type="checkbox"/> Kg	<input type="checkbox"/> S <input type="checkbox"/> UNS			
TH		<input type="checkbox"/> G <input type="checkbox"/> Kg	<input type="checkbox"/> S <input type="checkbox"/> UNS				<input type="checkbox"/> G <input type="checkbox"/> Kg	<input type="checkbox"/> S <input type="checkbox"/> UNS			
		<input type="checkbox"/> G <input type="checkbox"/> Kg	<input type="checkbox"/> S <input type="checkbox"/> UNS				<input type="checkbox"/> G <input type="checkbox"/> Kg	<input type="checkbox"/> S <input type="checkbox"/> UNS			
		<input type="checkbox"/> G <input type="checkbox"/> Kg	<input type="checkbox"/> S <input type="checkbox"/> UNS				<input type="checkbox"/> G <input type="checkbox"/> Kg	<input type="checkbox"/> S <input type="checkbox"/> UNS			
H3		<input type="checkbox"/> CURIES <input type="checkbox"/> MILLICURIES	<input type="checkbox"/> MICROCURIES	RIS CODES							

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Kg=KILDOGRAMS, S=SEALED, UNS=UNSEALED

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