

UTAH DIVISION OF OIL AND GAS CONSERVATION

REMARKS: WELL LOG \_\_\_\_\_ ELECTRIC LOGS \_\_\_\_\_ FILE  WATER SANDS \_\_\_\_\_ LOCATION INSPECTED \_\_\_\_\_ SUB. REPORT/abd. \_\_\_\_\_

7-17-75 Location Abandoned

9-15-86 Computer

DATE FILED 6-23-75

LAND: FEE & PATENTED \_\_\_\_\_ STATE LEASE NO. \_\_\_\_\_ PUBLIC LEASE NO. U-0146276 \_\_\_\_\_ INDIAN \_\_\_\_\_

DRILLING APPROVED: 6-24-75

SPOUDED IN: \_\_\_\_\_

COMPLETED: \_\_\_\_\_ PUT TO PRODUCING: \_\_\_\_\_

INITIAL PRODUCTION: \_\_\_\_\_

GRAVITY A.P.I. \_\_\_\_\_

GOR: \_\_\_\_\_

PRODUCING ZONES: \_\_\_\_\_

TOTAL DEPTH: \_\_\_\_\_

WELL ELEVATION: \_\_\_\_\_

DATE ABANDONED: 7-30-75 f/d

FIELD: 3/86 Wildcat

UNIT: \_\_\_\_\_

COUNTY: Uintah

WELL NO. Krueger-Federal #1

API NO: 43-047-30219  
30219

LOCATION 2171' FT. FROM (N) ~~XX~~ LINE. 889' FT. FROM (E) ~~XX~~ LINE. SW SE NE 1/4 - 1/4 SEC. 21

8

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
5 S2	23 E	21	BEREN CORPORATION				

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1425.

**APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK**

1a. TYPE OF WORK  
 DRILL       DEEPEN       PLUG BACK

b. TYPE OF WELL  
 OIL WELL       GAS WELL       OTHER \_\_\_\_\_  
 SINGLE ZONE       MULTIPLE ZONE

2. NAME OF OPERATOR  
 Beren Corporation

3. ADDRESS OF OPERATOR  
 2160 First of Denver Plaza, 633 17th Street, Denver, Colo. 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)  
 At surface  
 2171' FNL & 889' FEL, Sec. 21, T5S, R23E  
 At proposed prod. zone  
 Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 One half mile east of Jensen, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)      431'

16. NO. OF ACRES IN LEASE      2308.84

17. NO. OF ACRES ASSIGNED TO THIS WELL      40

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.      None

19. PROPOSED DEPTH      ±2650'

20. ROTARY OR CABLE TOOLS      Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 4776' ungraded ground level

22. APPROX. DATE WORK WILL START\*  
 July 15, 1975

5. LEASE DESIGNATION AND SERIAL NO.  
 U-0146276

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
 Krueger Federal

9. WELL NO.  
 1

10. FIELD AND POOL, OR WILDCAT  
 Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 21-5S-23E

12. COUNTY OR PARISH      13. STATE  
 Uintah      Utah

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24#	± 200'	150 sxs (to surface)
7 7/8"	4 1/2"	9.5#	±2650'	150 sxs

We propose to drill to total depth of ±2650' to test the Shinarump Formation for oil and/or gas. 8 5/8" surface casing will be set at 200' and cemented to surface. Drilling will continue to total depth with 7 7/8" bits. If commercial quantities of oil and/or gas are encountered, 4 1/2" production casing will be run and cemented. If the well is dry, it will be plugged and abandoned according to government regulations. The well will be completed in a prudent manner in accordance with good oil field practices. The location will be cleaned up and restored to original condition.

*Approval Notice*

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED [Signature] TITLE Division Engineer DATE June 4, 1975

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY [Signature] TITLE PROJECT ENGINEER DATE JUN 27 1975

CONDITIONS OF APPROVAL, IF ANY:

State of G

\*See Instructions On Reverse Side

Beren Corp - SUMMARY OF ENVIRONMENTAL IMPACT EVALUATION

well # 1 SENE  
 sec. 21-5s-23E  
 4-6146276  
 6-17-75

BLM - Lampman  
 USGS. Alexander  
 Beren - Johnson

- Enhance
- No Effect
- Minor Impact
- Major Impact

	Construction			Pollution			Drilling Production			Transport Operations			Accidents		Others			
	Roads, bridges, airports	Transmission lines, pipelines	Dams & impoundments	Others (pump stations, compressor stations, etc.)	Burning, noise, junk disposal	Liquid effluent discharge	Subsurface disposal	Others (toxic gases, noxious gas, etc.)	Well drilling	Fluid removal (Prod. wells, facilities)	Secondary Recovery	Noise or obstruction of scenic views	Mineral processing (ext. facilities)	Others		Trucks	Pipelines	Others

Forestry	NA																		
Grazing	✓	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
Wilderness	NA																		
Agriculture	NA																		
Residential-Commercial	NA			/				/	/	/	/	/	/	/	/	/	/	/	/
Mineral Extraction	NA																		
Recreation	✓																		
Scenic Views	✓																		
Parks, Reserves, Monuments	✓																		
Historical Sites	NA																		
Unique Physical Features	NA																		
Birds	✓	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
Land Animals	✓	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
Fish	✓	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
Endangered Species	NA																		
Trees, Grass, Etc.	✓	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
Surface Water	✓	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
Underground Water	✓	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
Air Quality	✓	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
Erosion	NA																		
Other	✓																		
Effect On Local Economy	0	0						0						0					
Safety & Health	✓	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

Others  
 CC: Rm. CR, Denver  
 O&G, NEMA  
 BLM, Visual w/o matrix  
 State O&G

Lease U-0146276

Well No. & Location #1 Kruger Fed. SENE Sec 21-5s-23E  
Uintah Co. Utah.

ENVIRONMENTAL IMPACT ANALYSIS - ATTACHMENT 2-5

1. Proposed Action

Beren Corporation proposes to drill a wildcat oil & gas test well with rotary tools to a depth of approx 2650'. They also propose to construct a drill pad of approx 150' x 180' and a reserve pit 6' deep x 35' x 60'. Proposes to construct approx 150' of new access road from existing paved county road.

2. Location and Natural Setting (existing environmental situation)

The wellsite is located on a gently sloping area ~~near~~ at the base of a steep hill. The site is approx 300 yards from the green river for this reason the pollution potential is considered critical, it is recommended that a ~~26"~~ 26" dike be placed below the reserve pit and encompass the entire lower end of the location.

The vegetation is sparse sagebrush and native grasses.

The wildlife is usually only small game because of the close proximity of the small community of JENSEN. There are no known endangered species.

There is a grazing allotment on the land which is considered prime grazing land for sheep.

The location is approx 4 miles south of the Dinosaur Natl. Monument. The visual impact of the drilling operation is considered to be minor.

### 3. Effects on Environment by Proposed Action (potential impact)

The drilling and completion of a dry hole or failure would have little long term effect on the environment. Discovery of an oil or gas field would have moderate effect in that the character of the area would be changed. If a discovery is made at this particular site careful planning will be required to avoid polluting the Green river.

There would be moderate scaring of the of the New Natural hillside which would require 3-5yrs to rehabilitate.

The drilling and associated traffic will add a minor amount of pollution to the air as well as disturb small game and livestock.

Discovery of an oil or gas deposit would help to alleviate the current energy problems.

The location construction + rehab will be conducted by a local contractor thus benefitting the local economy slightly. An uncontrolled blowout could cause serious environmental damage because of the proximity of the green river.

### 4. Alternatives to the Proposed Action

Not Approving the application to drill.

Denying the proposed permit and suggesting an alternate location where environmental damage would be lessened. No nearby locations could be found that would justify this action.

Temporary Visual Impact

Temporary disturbance of livestock and wild life.

Temporary mess due to drilling activity

Minor increase in erosion due to surface disturbance of use by support traffic & access of site.

A 26" Coffin Dam will be constructed below the reserve pit & enclose the entire lower end of the drill site to minimize potential impacts on the Green River due to loss of fluids at the drill site. Diversion ditches will be cut to divert rainfall run off around drill site to minimize wash across site that may carry contaminants into the Green River.

6. Determination

(This requested action ~~does~~ (does not) constitute a major Federal action significantly affecting the environment in the sense of NEPA, Section 102(2) (c).

Date Inspected 6-17-75

Inspector 

  
U.S. Geological Survey,  
Conservation Division  
Salt Lake City District  
Salt Lake City, Utah

# Beren Corporation /

2160 FIRST OF DENVER PLAZA  
633 - 17TH STREET, DENVER, COLORADO 80202 (303) 892-6541

June 19, 1975

State of Utah  
Department of Natural Resources  
Division of Oil and Gas Conservation  
1588 West North Temple  
Salt Lake City, Utah 84116

Re: Application for Exception Location  
Krueger Federal Well No. 1  
Uintah County, Utah

Gentlemen:

Enclosed please find Form DOGC-1a "Application for Permit to Drill" for the subject well with survey plats. Due to the difficult terrain and natural surface obstacles it was not possible to locate the proposed well the required 500 feet from property lines.

This letter, therefore, with the attached plats is being submitted in six copies and constitutes our request for approval without hearing for the location of the subject well. The following information is presented in support of this application:

- (1) Geological interpretation indicates the proposed quarter-quarter section area to be the most favorable for potential hydrocarbon discovery;
- (2) The location of the well cannot be moved further to the east due to the presence of a substantial hill as shown on the attached topographic map; and
- (3) Beren Corporation is the only owner of oil and gas leases within 660 feet of the proposed location.

Based on the above, Beren Corporation respectfully requests administrative approval of the proposed exception location and Form DOGC-1a.

Sincerely,



Sheldon K. Beren

SKB:JRW:kl  
encs.

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL & GAS

5. Lease Designation and Serial No.  
U-0146276

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name

8. Farm or Lease Name

Krueger-Federal

9. Well No.

1

10. Field and Pool, or Wildcat

Wildcat

11. Sec., T., R., M., or Blk. and Survey or Area

21-5S-23E

12. County or Parrish 13. State

Uintah Utah

**APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK**

1a. Type of Work  
DRILL  DEEPEN  PLUG BACK

b. Type of Well  
Oil Well  Gas Well  Other   
Single Zone  Multiple Zone

2. Name of Operator  
Beren Corporation

3. Address of Operator  
2160 First of Denver Plaza, 633 17th Street, Denver, Colo. 80202

4. Location of Well (Report location clearly and in accordance with any State requirements.\*)  
At surface  
2171' FNL & 889' FEL, Sec. 21, T5S, R23E *SUSENE*  
At proposed prod. zone  
Same

14. Distance in miles and direction from nearest town or post office\*  
One half mile east of Jensen, Utah

15. Distance from proposed\* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any)  
431'

16. No. of acres in lease  
2308.84

17. No. of acres assigned to this well  
40

18. Distance from proposed location\* to nearest well, drilling, completed, or applied for, on this lease, ft.  
None

19. Proposed depth  
± 2650'

20. Rotary or cable tools  
Rotary

21. Elevations (Show whether DF, RT, GR, etc.)  
4776' ungraded ground level

22. Approx. date work will start\*  
July 15, 1975

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
<u>12 1/2"</u>	<u>8 5/8"</u>	<u>24#</u>	<u>± 200'</u>	<u>150 sxs (to surface)</u>
<u>7 7/8"</u>	<u>4 1/2"</u>	<u>9.5#</u>	<u>± 2650'</u>	<u>150 sxs</u>

We propose to drill to total depth of ± 2650' to test the Shinarump Formation for oil and/or gas. 8 5/8" surface casing will be set at 200' and cemented to the surface. Drilling will continue to total depth with 7 7/8" bits. If commercial quantities of oil and/or gas are encountered, 4 1/2" production casing will be run & cemented. If the well is dry, it will be plugged and abandoned according to government regulations. The well will be completed in a prudent manner in accordance with good oil field practices. The location will be cleaned up and restored to original condition.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. Signed [Signature] Title Division Engineer Date June 18, 1975

(This space for Federal or State office use)

Permit No. 13-047-30219 Approval Date \_\_\_\_\_

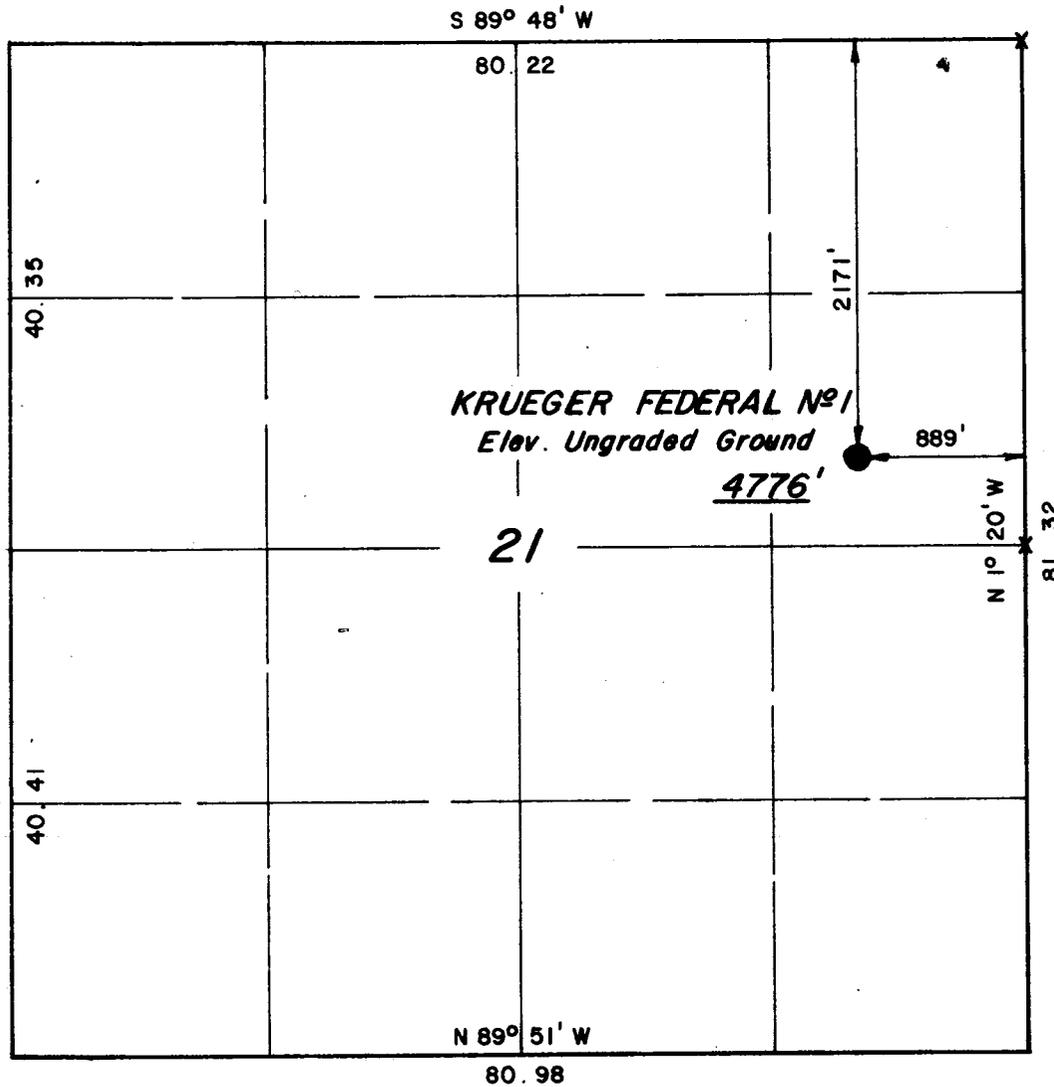
Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any:

T5S, R23E, S.L.B.&M.

PROJECT

BEREN CORPORATION

Well location, *KRUEGER FEDERAL No 1*,  
located as shown in the SE 1/4 NE 1/4,  
Section 21, T5S, R23E, S.L.B. & M.  
Uintah County, Utah.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM  
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY  
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE  
BEST OF MY KNOWLEDGE AND BELIEF.

*Robert Marshall*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO 2454  
STATE OF UTAH

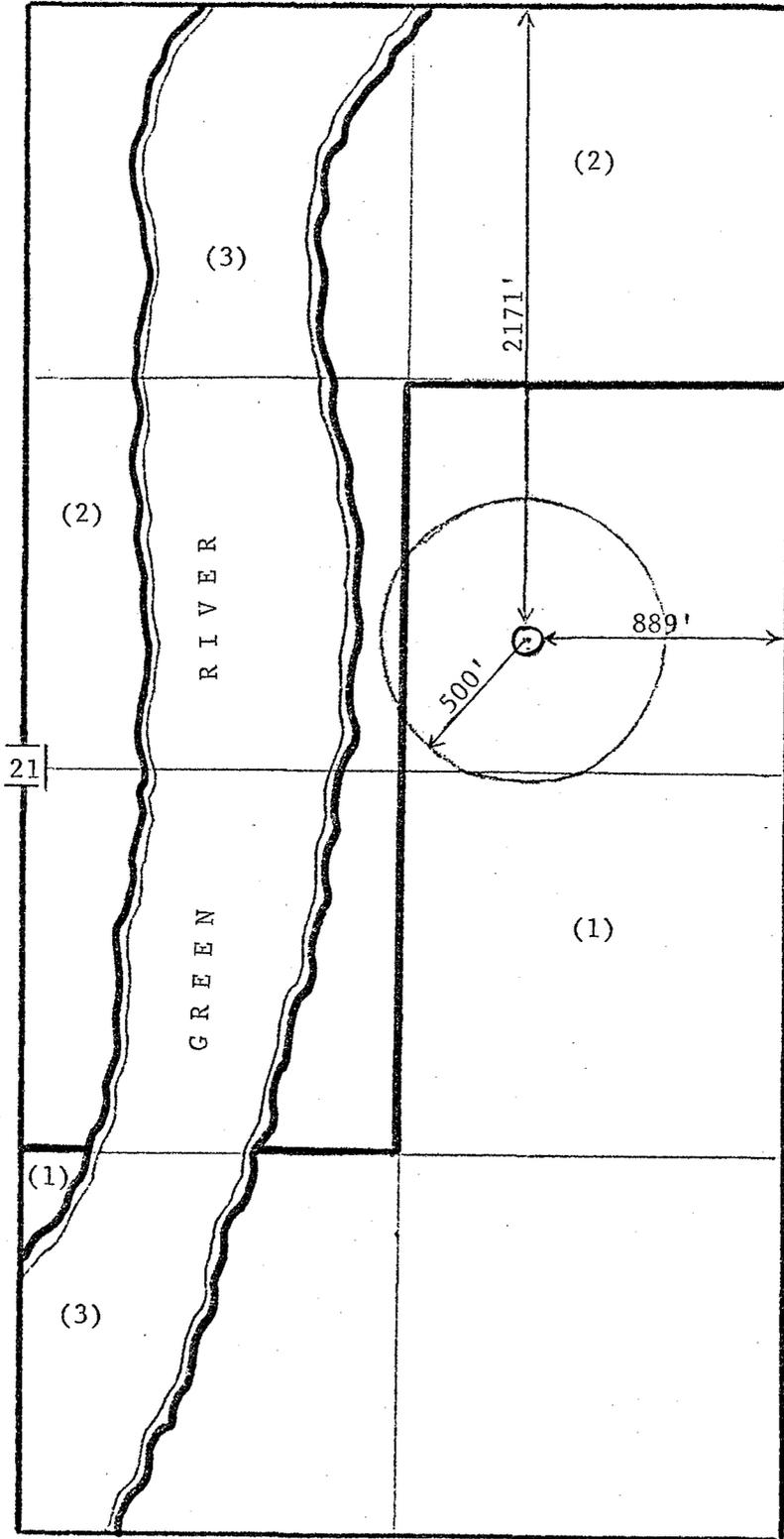
UINTAH ENGINEERING & LAND SURVEYING  
P.O. BOX Q - 110 EAST - FIRST SOUTH  
VERNAL, UTAH - 84078

X = Section Corners Located

DWN. CK.

*[Signature]*

SCALE 1" = 1000'	DATE 5/1/75
PARTY G.S. M.S. K.W.	REFERENCES GLO Plat
WEATHER Warm	FILE BEREN CORP. MINERALS MAG



<u>Parcel</u>	<u>Lessor</u>	<u>Lessee</u>
(1)	U.S.Federal(U-0146276)	Beren Corp.
(2)	A. C. Caldwell	Beren Corp.
(3)	State of Utah	Beren Corp.

APPLICATION FOR EXCEPTION LOCATION  
 BEREN CORPORATION  
 KRUEGER-FEDERAL WELL NO. 1  
 Uintah county, Utah  
 Scale 1" = 660' 6-18-75

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LEGEND: A - DRILLING LOCATION  
B - ACCESS ROAD

109° 22' 30"  
40° 22' 30"

639000m E

640

DINOSAUR QUARRY 6 MI

20'

642

4164 I  
DINOSAUR

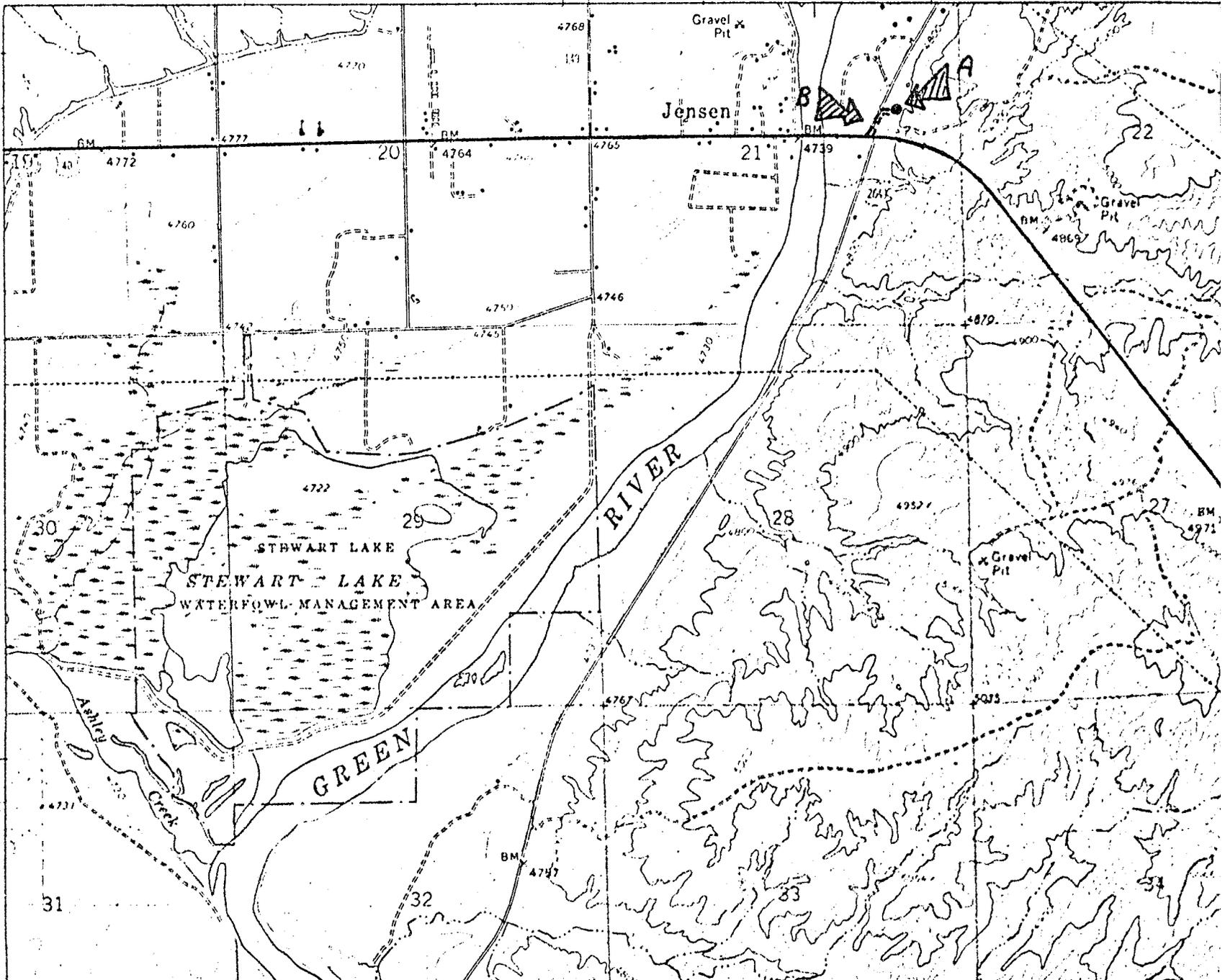
4470000m N

VEONAL 11 MI  
MAPLES 9 MI

4469

4468

4467



DIVISION OF OIL, GAS, AND MINING

\*FILE NOTATIONS\*

Date: June 13-  
 Operator: Belen Corporation  
 Well No: Ksueglu Ind. #1  
 Location: Sec. 21 T. 55 R. 23E County: Union

File Prepared  Entered on N.I.D.   
 Card Indexed  Completion Sheet

Checked By:

Administrative Assistant: AS

Remarks:

Petroleum Engineer/Mined Land Coordinator: [Signature]

Remarks: Note: Proposed location is within 600' of Green River

Director: [Signature]

Remarks:

Include Within Approval Letter:

Bond Required  Survey Plat Required   
 Order No.  Blowout Prevention Equipment   
 Rule C-3(c) Topographical exception/company owns or controls acreage within a 660' radius of proposed site   
 O.K. Rule C-3  O.K. In \_\_\_\_\_ Unit   
 Other:

[Signature]  Letter Written

Please include in approval letter:

" as the proposed location is within a critical distance to the Green River, it is suggested that the contractor be covered

Ultra-conscious in preventing the introduction of any extraneous material into the River".

June 24, 1975

Beren Corporation  
2160 First of Denver Plaza  
633 17th Street  
Denver, Colorado 80202

Re: Well No. Krueger Federal #1  
Sec. 21, T. 5 S, R. 23 E,  
Uintah County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with Rule C-3(c), General Rules and Regulations and Rules of Practice and Procedure. It should be noted, however, that due to the close proximity of the proposed location to the Green River, it is strongly recommended that the contractor be ultra-conscious in preventing the introduction of any extraneous material into the River.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PATRICK L. DRISCOLL - Chief Petroleum Engineer  
OFFICE: 328-5771

or

CLEON B. FEIGHT - Director  
HOME: 466-4455

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling.

The API number assigned to this well is 43-047-30319. *30219*

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT  
DIRECTOR



# United States Department of the Interior

GEOLOGICAL SURVEY  
Conservation Division  
8426 Federal Building  
Salt Lake City, Utah 84138

June 27, 1975

*File to Ron*

~~Mr. J. Ray White  
Beren Corporation  
2160 First of Denver Plaza  
633 17th Street  
Denver, Colorado 80202~~

Re: Krueger-Federal Well No. 1  
SE $\frac{1}{4}$  NE $\frac{1}{4}$  Sec. 21-5S-23E SLB&M  
Uintah County, Utah  
Lease U-0146276

Dear Mr. White:

Enclosed is your approved copy of the referred Application for Permit to Drill. This application was approved June 27, 1975. Please note the Standard Conditions of approval attached to your copy of the application. This drill site falls about 300 yards from the Green River. Due to this close proximity to the Green River the following additional conditions of approval will apply:

1. Bureau of Land Management, Vernal, Utah revisions to the 12-Point plan. (Letter June 19, 1975 attached) as discussed during the joint onsite inspection.
2. Pit-volume totalizer with audible warning on the rig floor will be installed. Your proposed 7-Point plan does not include this equipment.
3. Circulate "bottoms up" prior to pulling out of the hole to change bits or any other in hole operations requiring removal of the bit and drill pipe.

Please note especially parts 1 and 6 of the standard conditions of approval.

Sincerely,

*E. W. Gwynn*

E. W. Gwynn  
District Engineer

cc: ✓ OGCC, Utah Attn: Pat Driscoll  
O&GS, NRMA, Casper  
USGS, Vernal

*OK*  
Beren Corporation /

2160 FIRST OF DENVER PLAZA  
633 - 17TH STREET, DENVER, COLORADO 80202 (303) 892-6541

*PI*

*X*

July 17, 1975

*43-047-30219*

United States Geological Survey  
Conservation Division  
8426 Federal Building  
Salt Lake City, Utah 84138

Re: Krueger-Federal Well #1  
SE $\frac{1}{4}$  NE $\frac{1}{4}$  Sec. 21-5S-23E SLB&M  
Uintah County, Utah  
Lease U-0146276

Gentlemen:

Please be advised that Beren Corporation has decided not to drill the subject well; therefore, the Permit to Drill may be cancelled.

Thank you.

Sincerely,

*J. Roy White*  
J. Roy White  
Division Engineer

JRW:kl

cc: State of Utah ✓  
Department of Natural Resources  
Division of Oil, Gas, and Mining  
1588 West North Temple  
Salt Lake City, Utah 84116

5

Conservation Division  
8426 Federal Building  
Salt Lake City, Utah 84138

*JK*  
*Ran*

July 30, 1975

Mr. J. Roy White  
Beren Corporation  
2160 First of Denver Plaza  
633 - 17th Street  
Denver, Colorado 80202

Re: Krueger-Federal Well # 1  
SE/4 NE/4 Sec. 21-5S-23E, SLB&M  
Uintah County, Utah  
Lease U-0146276

Dear Mr. White:

Your letter of July 17, 1975 advises that Beren Corporation will not drill the referenced well and requests that the Application for Permit to Drill, approved June 27, 1975, be cancelled.

The Application for Permit to Drill is hereby cancelled without prejudice. If Beren Corporation should again decide to drill at this location a new Application for Permit to Drill must be submitted for approval.

Sincerely yours,

(ORIG. SGD.) E. W. GUYNN

E.W. Guynn

cc: ✓DNR, Division of Oil, Gas, and Mining, Utah  
Branch of Realty Services, BLM, SLC  
bcc: O&GS, NRMA, Casper (Ref. No. 9)  
USGS, Vernal  
BLM, Vernal  
BLM, SLC  
Cancelled APD File, Utah

*(Handwritten mark: a circle containing the letters 'JK')*

EWG:ck