

UTAH DIVISION OF OIL, GAS AND MINING

X

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

DATE FILED 1-27-78

Ute

LAND: FEE & PATENTED

STATE LEASE NO.

PUBLIC LEASE NO.

INDIAN 14-20-H62-1754

DRILLING APPROVED: 1-27-78

SPUDED IN:

COMPLETED:

PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION:

DATE ABANDONED: 8-30-78 - Location abandoned; well never drilled

FIELD: Bluebell ~~\_\_\_\_\_~~

UNIT:

COUNTY: Duchesne

WELL NO. Ute Tribal #14-1

API NO: 43-013-30437

LOCATION 1698' FT. FROM (N) (X) LINE.

2366 FT. FROM (XX) (W) LINE. SE NW

1/4-1/4 SEC.

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
<u>1S</u>	<u>3W</u>	<u>14</u>	<u>TETON ENERGY COMPANY</u>				



## FILE NOTATIONS

Entered in MID File	.....✓.....	Checked by Chief	.....✓.....
Location Map Pinned	.....✓.....	Approval Letter	.....
Card Indexed	.....✓.....	Disapproval Letter	.....

## COMPLETION DATA:

Date Well Completed .....	Location Inspected .....
OW..... WW..... TA.....	Bond released
GW..... OS..... PA.....	State or Fee Land .....

## LOGS FILED

Driller's Log.....  
Electric Logs (No.) .....

E.....	I.....	Dual I Lat.....	GR-N.....	Micro.....
BEC Sonic GR.....	Lat.....	MI-L.....	Sonic.....	
CBLog.....	CCLog.....	Others.....		

AGENT AND  
DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of <sup>Indian Affairs</sup> ~~Land Management~~ holder of lease  
Bureau of Indian Affairs, Uintah and Ouray Agency  
~~DISTRICT LAND OFFICE~~  
SERIAL No.: 14-20-H62-1754

and hereby designates

NAME: Teton Energy Company, Inc.  
ADDRESS: 818 Seventeenth Street, Suite 416  
Denver, Colorado 80202

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

Township 1 South, Range 3 West, USM  
Section 14: All

Duchesne County, Utah

It is understood that this designation of <sup>Agent and</sup> operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated <sup>Agent and</sup> operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated <sup>Agent and</sup> operator.

CHEVRON U.S.A. INC.

By E. C. [Signature]  
Assistant Secretary  
(Signature of lessee)

December 16, 1977  
(Date)

P. O. Box 599, Denver, Colorado 80201  
(Address)

Pressure Monitoring and Control Data (8 Point Plan)  
Teton Energy Co., Inc. #14-1 Ute Tribal  
NW $\frac{1}{4}$  NE $\frac{1}{4}$  Sec. 14-T1S-R3W  
Duchesne County, Utah

1. Surface Casing: 16" conductor string will be set at approximately 60 feet and cemented to surface. 9 5/8" O. D., 36#, K-55 new, set at 2400'  $\pm$  K. B. with 500 sax  $\pm$ .
2. Casinghead: A 10" Series 900 adapter flange will be screwed onto the surface casing and the blowout and rotating head equipment will be mated to it. Access to the intermediate hole will be through the 2" connections on the blowout preventor.
3. Intermediate Casing: None
4. Blowout Preventers: Shaffer or equivalent 10" Series 900 double ram with blind rams on bottom, hydraulically operated from a remote location at ground level.
5. Auxiliary Equipment: None
6. Anticipated Pressures: The expected bottom hole pressure for the Green River formation in the subject area (the deepest zone of interest to be explored) is approximately 4600#. This will be the average pressure used in the control program for all circulating fluids used in this operation.
7. Drilling fluids: Since the pressure gradient needed to control the average pressure expected in this hole indicates a fluid with an average weight of about 9.0#/gallon, no difficulty is anticipated in any normal mud or water drilling and/or completion activities.
8. Production Casing: A 5 1/2" O. D., 17#, N-80 production string will be set from approximately 100' below the lowest commercial reservoir or to T. D., whichever is deeper.

Tubing shall be 2 3/8" O. D. EUE, 4.7#, K-55  
A D. R. Hinderliter (6,000# test) tubing head or equivalent will be used.  
The 2 3/8" O. D., EUE tubing would be hung in the tubing head, a proper Christmas tree built, and the well completed.

January 5, 1978

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
 DRILL  **X** DEEPEN  PLUG BACK

b. TYPE OF WELL  
 OIL WELL  **X** GAS WELL  OTHER   
 SINGLE ZONE  MULTIPLE ZONE

2. NAME OF OPERATOR  
**Teton Energy Company, Inc.**

3. ADDRESS OF OPERATOR  
**818 - 17th St., Suite 416, Denver, CO 80202**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface **660 PNL, 400 PEL**  
**1698 2366**  
 At proposed prod. zone **same**

5. LEASE DESIGNATION OR SERIAL NO.  
**14-20-H62-1754**

6. IF INDIAN ALLOTTEE OR TRIBE NAME  
**Ute Indian Tribe**

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
**Ute Tribal**

9. WELL NO.  
**14-1**

10. FIELD AND POOL, OR WILDCAT  
**Bluebell-Altamont**

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
**14-T1S-R3W**

12. COUNTY OR PARISH | 13. STATE  
**Duchesne | Utah**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
**five miles north and east of Bluebell, Utah**

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
**660'**

16. NO. OF ACRES IN LEASE  
**640**

17. NO. OF ACRES ASSIGNED TO THIS WELL  
**640**

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

19. PROPOSED DEPTH  
**12,500'**

20. ROTARY OR CABLE TOOLS  
**Rotary**

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**6481 Gr., ungraded**

22. APPROX. DATE WORK WILL START\*  
**on approval**

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	9 5/8	36#	2400'	500 sack
7 7/8	5 1/2	17#	12,500'	500 sack

Propose to drill a well for oil and gas to an approximate depth of 12,500 ft., top of the Wasatch or base of Green River Formation. Approximately 2400' of 9 5/8" casing will be set through upper Uintah sands, and production string of 5 1/2" will be set at producing depth.

NOTICE OF APPROVAL

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 *John A. Burrell* TITLE Vice President DATE January 5, 1978

(This space for Federal or State office use)

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

APPROVED (ORIG. SGD.) E. W. GUYNN TITLE DISTRICT ENGINEER DATE JAN 27 1978

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

*State O+G*

FROM: District Geologist, Salt Lake City, Utah

TO: District Engineer, Salt Lake City, Utah

SUBJECT: APD supplemental stipulations

Operator: Well: 14-1

Teton Energy Co., Inc.

Duchesne Co., Utah

660' FNL, 1980' FEL GR 6481

Lease No.: 14-20-H-62-1754

NW 1/4 NE 1/4 sec. 14

T. 1 S, R. 3 W, USM

1. Operator picked tops are adequate? Yes \_\_\_\_, No x. If not: The following are estimated tops of important geologic markers:

Formation	Depth
Duchesne	Surface
Uintah	4,000
Green River	7,700

Formation	Depth

2. Possible fresh water aquifers present below surface casing? Yes \_\_\_\_, No x. If yes: Surface casing program may require adjustment for protection of fresh water aquifers to a depth of approximately \_\_\_\_\_ feet.

3. Does operator note all prospectively valuable oil and gas horizons? Yes x, No \_\_\_\_. If not: The following additional horizons will be adequately logged for hydrocarbons:

Unit	Depth

Unit	Depth

4. Any other leasable minerals present? Yes x, No \_\_\_\_. If yes: 1. Logs ( \_\_\_\_\_ sonic, density \_\_\_\_\_ \*) will be run through the Mahogany zone (Green River) \*\* at approximate depths of 8,000 to 10,000 feet to adequately locate and identify anticipated oil shale \_\_\_\_\_ beds. 2. Logs ( \_\_\_\_\_ \*) will run through the \_\_\_\_\_ \*\* at approximate depths of \_\_\_\_\_ to \_\_\_\_\_ feet to adequately locate and identify anticipated \_\_\_\_\_ beds. 3. Logs ( \_\_\_\_\_ \*) will run through the \_\_\_\_\_ \*\* at approximate depths of \_\_\_\_\_ to \_\_\_\_\_ feet to adequately locate and identify anticipated \_\_\_\_\_ beds.

5. Any potential problems that should be brought to operators attention (e.g. abnormal temperature, pressure, incompetent beds, H<sub>2</sub>S)? Yes \_\_\_\_, No x. If yes, what?

6. References and remarks: UGMS Oil and Gas Field Studies No. 12 Adjacent to Bluebell field and within oil shale withdrawal

\* From 10 pt or others as necessary. \*\* Members, Formations.

Date: January 16, 1978

Signed James L. Koller

Utah State Oil and Gas



LEASE 14-20-H62-1754

DATE Jan 17, 78

WELL NO. 14-1 (2933' FEL 3593' FSL)

LOCATION: SE 1/4 NW 1/4, SEC, 14 T, 15 R, 3W

FIELD Bluebell - Altamont COUNTY Duchesne STATE UT

This EIA addresses alternate location which was staked prior to on site, updated paperwork should follow. The original was available for inspection at on site.

ENVIRONMENTAL IMPACT ANALYSIS - ATTACHMENT 2-B

1. PROPOSED ACTION

Teton Energy Co, Inc. (COMPANY)

PROPOSES TO DRILL AN OIL AND

GAS TEST WELL WITH ROTARY TOOLS TO ABOUT 12500 FT. TD. 2) TO CONSTRUCT A

DRILL PAD 350 FT. X 225 FT. AND A RESERVE PIT 100' FT. X 225 FT.

3) TO CONSTRUCT 18 FT. WIDE X 400' MILES ACCESS ROAD AND UPGRADE

FT. WIDE X MILES ACCESS ROAD FROM AN EXISTING AND IMPROVED ROAD. TO CONSTRUCT

GAS  OIL PRODUCTION FACILITIES ON THE DISTURBED AREA FOR THE DRILL PAD

AND  TRUCK  TRANSPORT THE PRODUCTION THROUGH A PIPELINE TO A TIE-IN IN

NOT KNOWN at this time.

SECTION T, R

2. LOCATION AND NATURAL SETTING (EXISTING ENVIRONMENTAL SITUATION).

(1) TOPOGRAPHY:  ROLLING HILLS  DISSECTED TOPOGRAPHY  Semi-DESERT

OR PLAINS  STEEP CANYON SIDES  NARROW CANYON FLOORS  DEEP DRAINAGE

IN AREA  SURFACE WATER Area is on small plateau. grade at loc

is approx 2%.

(2) VEGETATION:  SAGEBRUSH  PINION-JUNIPER  PINE/FIR  FARMLAND

(CULTIVATED)  NATIVE GRASSES  OTHER Area is mainly sagebrush with

native grasses = Outcrops of pinion-juniper type trees surround area -

(3) WILDLIFE:  DEER  ANTELOPE  ELK  BEAR  SMALL  
MAMMAL  BIRDS  NONE KNOWN ENDANGERED SPECIES  OTHER \_\_\_\_\_

(4) LAND USE:  RECREATION  LIVESTOCK GRAZING  AGRICULTURE  
 MINING  INDUSTRIAL  RESIDENTIAL  OIL & GAS OPERATIONS

Surveyor reported a difference of 20' on SW corner elevation. its felt that  
corner is in error rather than seismic activity. Two other locations checked on survey  
(corners)

REF: BLM UMBRELLA EAR  
USFS EAR  
OTHER ENVIRONMENTAL ANALYSIS

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

1) EXHAUST EMISSIONS FROM THE DRILLING RIG POWER UNITS AND SUPPORT TRAFFIC  
ENGINES WOULD ADD MINOR POLLUTION TO THE ATMOSPHERE IN THE LOCAL VICINITY,

2) MINOR INDUCED AND ACCELERATED EROSION POTENTIAL DUE TO SURFACE  
DISTURBANCE AND SUPPORT TRAFFIC USE,

3) MINOR VISUAL IMPACTS FOR A SHORT TERM DUE TO OPERATIONAL EQUIPMENT AND  
SURFACE DISTURBANCE,

4) TEMPORARY DISTURBANCE OF WILDLIFE AND LIVESTOCK,

5) MINOR DISTRACTION FROM AESTHETICS FOR SHORT TERM,

6)

4. Alternatives to the Proposed Action

1) NOT APPROVING THE PROPOSED PERMIT -- THE OIL AND GAS LEASE GRANTS THE LESSEE EXCLUSIVE RIGHT TO DRILL FOR, MINE, EXTRACT, REMOVE AND DISPOSE OF ALL OIL AND GAS DEPOSITS.

2) DENY THE PROPOSED PERMIT AND SUGGEST AN ALTERNATE LOCATION TO MINIMIZE ENVIRONMENTAL IMPACTS. NO ALTERNATE LOCATION ON THIS LEASE WOULD JUSTIFY THIS ACTION.

3) LOCATION WAS MOVED \_\_\_\_\_ TO AVOID \_\_\_\_\_  
 LARGE SIDEHILL CUTS     NATURAL DRAINAGE     OTHER \_\_\_\_\_

4) *p should make a good location.*

Note: APD rec'd JAN 9, 78 should be superseded by new location as addressed within EIA. Operator moved location prior to onsite due to spacing requirements. Survey & 13 pt plan should be received by office soon. Original proposal 660' FUL 1980 FEL was not visited.

5. Adverse Environmental Effects Which Cannot Be Avoided

1) MINOR AIR POLLUTION DUE TO EXHAUST EMISSIONS FROM RIG ENGINES AND SUPPORT TRAFFIC ENGINES.

2) MINOR INDUCED AND ACCELERATED EROSION POTENTIAL DUE TO SURFACE DISTURBANCE AND SUPPORT TRAFFIC USE.

3) MINOR AND TEMPORARY DISTURBANCE OF WILDLIFE.

4) TEMPORARY DISTURBANCE OF LIVESTOCK.

5) MINOR AND SHORT-TERM VISUAL IMPACTS.

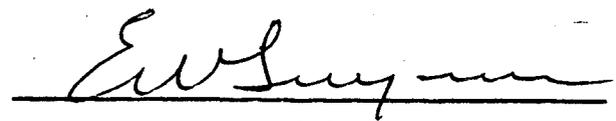
6)

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 JAN 17, 78

INSPECTOR J. EVANS



U. S. GEOLOGICAL SURVEY  
CONSERVATION DIVISION - OIL & GAS OPERATIONS  
SALT LAKE CITY DISTRICT

Nelson Wilson, Utah Engineering, was requested by operator to be his representative at onsite.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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  
 Teton Energy Company, Inc.

3. ADDRESS OF OPERATOR  
 818 - 17th St., Suite 416, Denver, CO 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface ~~660 FWL, 1980 FWL~~ **1698' FWL x NW NE 2366' FWL**  
 At proposed prod. zone same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 five miles north and east of Bluebell, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)      660'  
 16. NO. OF ACRES IN LEASE      640

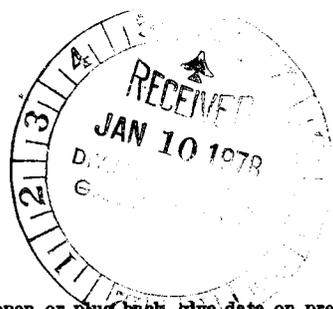
18. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.      none  
 19. PROPOSED DEPTH      12,500'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 6481 Gr., ungraded

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	9 5/8	36#	2100'	500 sax
7 7/8	5 1/2	17#	12,500'	500 sax

Propose to drill a well for oil and gas to an approximate depth of 12,500 ft., top of the Wasatch or base of Green River Formation. Approximately 2100' of 9 5/8" casing will be set through upper Uintah sands, and production string of 5 1/2" will be set at producing depth.



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 Vice President DATE January 5, 1978

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

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

5. LEASE DESIGNATION AND SERIAL NO.  
14-20-H62-1754

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Ute Indian Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Ute Tribal

9. WELL NO.  
14-1

10. FIELD AND POOL, OR WILDCAT  
Bluebell-Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
14-T1S-R3W

12. COUNTY OR PARISH  
Duchesne

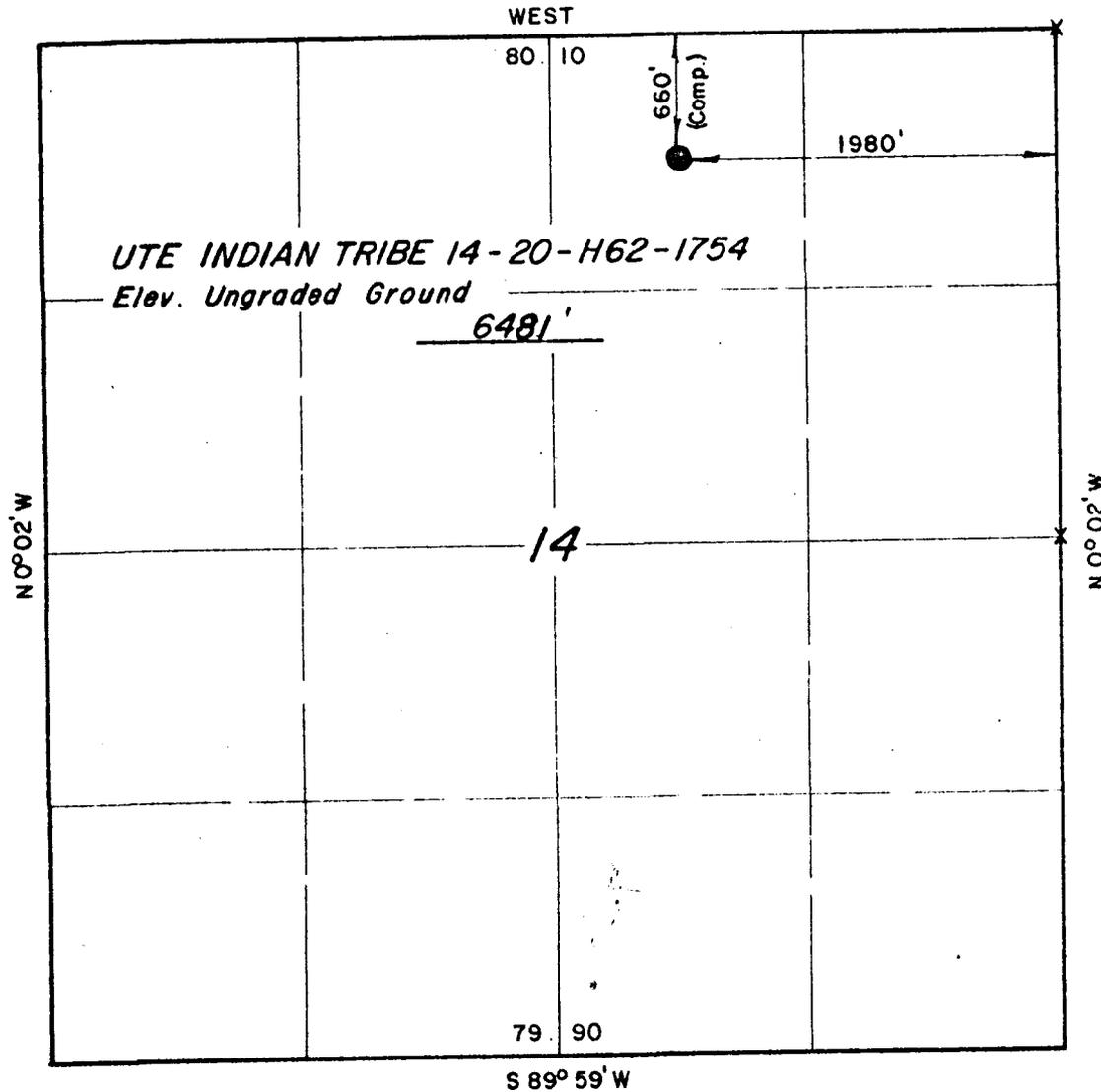
13. STATE  
Utah

T1S, R3W, U.S.B.&M.

PROJECT

TETON ENERGY CO., INC.

Well location, UTE INDIAN TRIBE 14-20-H62-1754, located as shown in the NW1/4 NE1/4 Section 14, T1S, R3W, U.S. B&M. Duchesne County, Utah.



X = Section Corners Located



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.

*John J. ...*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO 2454  
STATE OF UTAH

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

SCALE 1" = 1000'	DATE 12 / 29 / 77
PARTY N.J.M. J.W. B.N.      BFW	REFERENCES GLO Plat
WEATHER Cold	FILE TETON ENERGY CO., INC.

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

\*\* FILE NOTATIONS \*\*

Date: Jan. 11 -  
Operator: Letco Energy Co.  
Well No: 20th Tribal 17-1  
Location: Sec. 14 T. 18 R. 3W County: Duchesne

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

API NUMBER: 43-013-30437

CHECKED BY:

Administrative Assistant [Signature]  
Remarks: Does Not Fit Under 1/26 OR - footage changed  
Petroleum Engineer [Signature]  
Remarks: OK LC  
Director \_\_\_\_\_  
Remarks: \_\_\_\_\_

INCLUDE WITHIN APPROVAL LETTER:

Bond Required:  Survey Plat Required:   
Order No. 131-14  Surface Casing Change   
to \_\_\_\_\_

Rule C-3(c), Topographic exception/company owns or controls acreage within a 660' radius of proposed site

O.K. Rule C-3  O.K. In \_\_\_\_\_ Unit

Other: \_\_\_\_\_

Letter Written/Approved

Teton Energy Co., Inc.

BUS. 266-0898  
524 PATTERSON BUILDING  
555 SEVENTEENTH STREET  
DENVER, COLORADO 80202  
RES. 758-0850

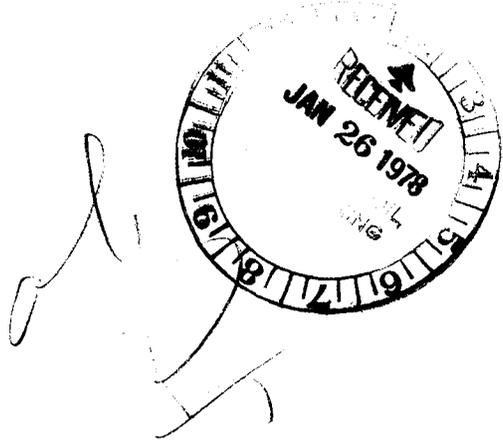
SUITE 416  
518 1/2 17th STREET  
DENVER, COLORADO 80202

January 20, 1978

Re: Ute Tribal 1-14  
Sec. 14-TLS-R3W  
Uintah County, Utah

U. S. G. S.  
8426 Federal Building  
Salt Lake City, Utah 84138

Attn: W. P. Martens  
Acting District Engineer



Dear Sir:

Enclosed are revised location plat and 13 point surface use plan for the captioned well to conform with Utah State spacing regulations and requested adjustments by surface management agencies.

Please correct the earlier Application for Permit to Drill sent to you to conform.

Your early approval of this Application for Permit to Drill will be greatly appreciated.

Yours truly,

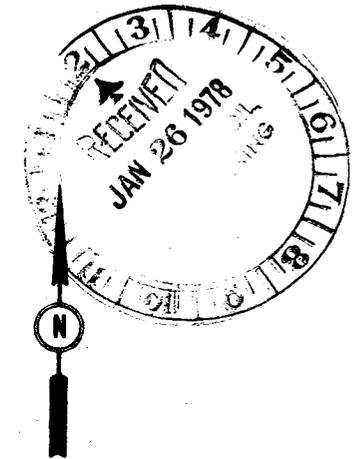
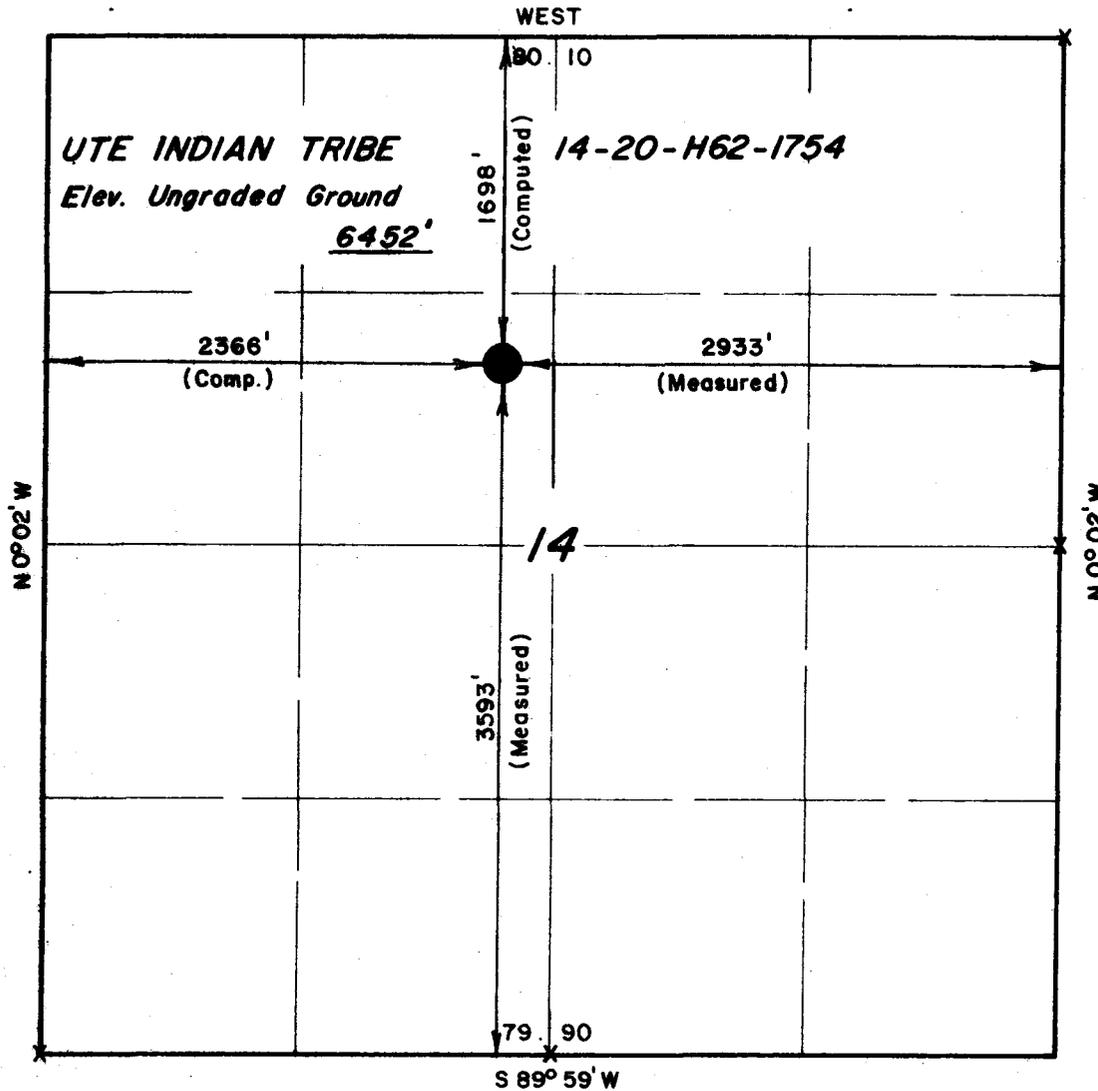
*John H. Brunel*  
John H. Brunel

JHB:c  
encl.

*Footage  
Location  
Change*

T 1 S, R 3 W, U.S.B. & M.

PROJECT  
TETON ENERGY CO., INC.  
 Well location, UTE INDIAN TRIBE 14-20-H62-1754, located as shown in the SE 1/4 NW1/4 Section 14, T 1 S, R 3 W, U.S. B.&M. Duchesne 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.

*Nelson J. Marshall*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO 2454  
 STATE OF UTAH

Rev. 1-14-78

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

SCALE 1" = 1000'	DATE 12 / 29 / 77
PARTY N.J.M. J.W. B.N. BFW	REFERENCES GLO Plat
WEATHER Cold	FILE TETON ENERGY CO., INC.

X = Section Corners Located

TETON ENERGY COMPANY, INC.

13 Point Surface Use Plan

for

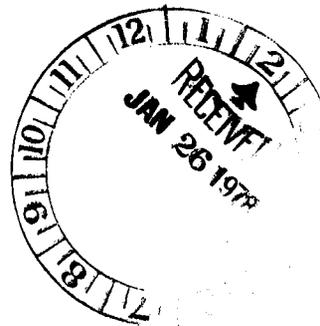
Well Location

Ute Indian Tribe 14-20-H62-1754

Located In

Section 14, T1S, R3W, U.S.B. & M.

Duchesne County, Utah



Teton Energy Company, Inc.  
Ute Indian Tribe 14-20-H62-1754  
Section 14, T1S, R3W, U.S.B.M.

1. EXISTING ROADS

See attached Topographic Map "A", to reach the Teton Energy Co., Inc., well location Ute Indian Tribe 14-20-H62-1754, located in the NW 1/4 Section 14, T1S, R3W, U.S.B. & M. from Bluebell, Utah.

Proceed East on Duchesne County road from Bluebell, Utah, 1.1 miles to the junction of this road and a County road to the North; proceed Northerly on this county road 2.9 miles to its junction with a County road to the Northeast; proceed North easterly along this road 0.75 miles to its junction with a dirt road to the South; proceed Southerly along this road 0.38 miles to the proposed access ramp to be discussed in Item #2.

At the present time there is no major construction anticipated along any portion of the above described road.

The road will be maintained and kept at the necessary standards required for an orderly flow of traffic during the drilling, completion and production activities of this location.

2. PLANNED ACCESS ROAD

See Topographic Map "B".

The planned access ramp leaves the existing dirt road described in Item #1 in the NW 1/4 NE 1/4 Section 14, T1S, R3W, U.S.B.&M., and proceeds in a Westerly direction approximately 800' to the proposed location in the NW 1/4 SE 1/4 said Section 14.

In order to facilitate the anticipated traffic flow necessary to drill and produce this well, the following standards will be met.

This proposed access road will be an 18' crown road (9' either side of the centerline) with drain ditches along either side of the proposed road where it is determined necessary in order to handle any run-off from any normal meteorological conditions that are prevalent to this area.

Back slopes along the cut areas of the road will be 1 1/2 to 1 slopes and terraced.

The road will be centerline flagged prior to the commencement of construction.

The grade of this road will vary from flat to 8%, but will not exceed this amount. This road will be constructed from native borrow accumulated during construction.

Any fences that are encountered along this access road will be cut and replaced with a cattleguard with a minimum width of 18' and a loading factor large enough to facilitate the heavy trucks required in the drilling and production of this well.

If cattleguards are to be located at existing gates, they will be installed with the above requirements and with a new gate installed at one end of the cattleguard.

2. PLANNED ACCESS ROAD - continued

The access from the road to the gate will be of such a nature that there will be no impedance of traffic flow along the main access road and no difficulties encountered by traffic utilizing the gate, either leaving or entering the proposed access road.

The terrain this access road traverses is flat and is vegetated by sagebrush and grasses.

3. LOCATION OF EXISTING WELLS

As shown in Topographic Map "B", there are other producing wells within a two mile radius of the proposed well site. (See location plat for placement of Teton Energy Company, Inc., well location within the section.)

4. LOCATION OF TANK BATTERIES, PRODUCTION FACILITIES, AND PRODUCTION GATHERING AND SERVICE LINES

All petroleum production facilities are to be contained within the proposed location site. There are no other Teton Energy Company, Inc., flow, gathering, injection, or disposal lines within a one-mile radius of this location.

In the event production is established, plans for a gas flow line from this location to existing gathering lines or a main production line shall be submitted to the appropriate agencies for approval.

The rehabilitation of the disturbed area that is not required for the production of this well, will meet the requirements of Items #7 and #10, and these requirements and standards will be adhered to.

5. LOCATION AND TYPE OF WATER SUPPLY

Water for this location will be hauled by truck from Water Hollow in the NE 1/4 Section 16, T1S, R3W, U.S.B.M. approximately 2.25 miles West of the proposed location site.

If this water is not available then the necessary arrangements will be made to acquire water from other sources.

6. SOURCE OF CONSTRUCTION MATERIAL

All construction materials for this location site and access road shall be borrow materials accumulated during construction of the location site and access road. No additional road gravels or pit lining material from other sources are anticipated at this time, but if they are required, the appropriate actions will be taken to acquire them from private sources.

7. METHODS FOR HANDLING WASTE DISPOSAL

See Location Layout Sheet.

A reserve and burn pit will be constructed.

The reserve pit will be approximately 8' deep and at least one-half of this depth shall be below the surface of the existing ground.

7. METHODS FOR HANDLING WASTE DISPOSAL - continued

One-half of the reserve pit will be used as a fresh water storage area during the drilling of this well and the other one-half will be used to store non-flammable materials such as cuttings, salts, drilling fluids, chemicals, produced fluids, etc.

If deemed necessary by the agencies concerned, to prevent contamination to surrounding areas the reserve pits will be lined with a gel.

The pits will have wire and overhead flagging installed at such time as deemed necessary to protect the water fowl, wildlife and domesticated animals.

At the onset of drilling, this reserve pit will be fenced on three sides and at the time the drilling activities are completed, it will be fenced on the fourth side and allowed to dry completely prior to the time that back-filling and reclamation activities are attempted.

When the reserve pit dries and the reclamation activities commence, the pits will be covered with a minimum of five feet of soil and all requirements in Item #10 will be followed.

The burn pits will be constructed and fenced on all four sides with a small mesh wire to prevent any flammable materials from escaping and creating a fire hazard.

All flammable materials will be burned and then buried upon completion of this well.

A portable chemical toilet will be supplied for human waste.

8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. WELL SITE LAYOUT

See Location Layout Sheet.

The appropriate B.I.A. Representative shall be notified before any construction begins on the proposed location site.

As mentioned in Item #7, the pits will be unlined unless it is determined by the representatives of the agencies involved that the materials are too porous and would cause contamination to the surrounding area; then the pits will be lined with a gel and any other type material necessary to make it safe and tight.

When drilling activities commence, all work shall proceed in a neat and orderly sequence.

#### 10. PLANS FOR RESTORATION OF SURFACE

As there is some topsoil on the location site, all topsoil shall be stripped and stockpiled. (See Location Layout Sheet and Item #9.) When all drilling and production activities have been completed, the location site and access road will be reshaped to the original contour and stockpiled topsoil spread over the disturbed area.

Any drainages re-routed during the construction activities shall be re-stored to their original line of flow as near as possible. Fences around pits are to be removed upon completion of drilling activities and all waste being contained in trash pits shall be buried with a minimum of 5' of cover.

As mentioned in Item #7, the reserve pit will be completely fenced and wired and overhead wire and flagging installed, if there is oil in the pits, and then allowed to completely dry before covering.

Restoration activities shall begin within 90 days after completion of the well. Once completion activities have begun, they shall be completed within 30 days.

When restoration activities have been completed, the location site and access ramp shall be reseeded with a seed mixture recommended by the B.I.A. Representative when the moisture content of the soil is adequate for germination. The lessee further covenants and agrees that all of said cleanup and restoration activities shall be done and performed in a diligent and most workman-like manner and in strict conformity with the above mentioned Items #7 and #10.

#### 11. OTHER INFORMATION

##### The Topography of the General Area (See Topographic Map "A".)

The area is located in the Uintah Basin which is formed by the Uinta Mountains to the North and the Book Cliff Mountains to the South with the Green River flowing through the basin floor.

The area is interlaced with numerous canyons, ridges, and plateaus of which the sides are extremely steep with numerous ledges formed in sandstones and conglomerates.

The soils in this semi-arid area of the Qay Alluvial deposits from the Pleistocene Epoch (Quaternary Period) and the Duchesne River formation (Lower Eocene) and consists of light brownish-gray clays (OL) to sand soils (SM-ML) with poorly graded gravels.

Outcrops of sandstone ledges and conglomerate deposits are common in this area.

The visible geologic structures in the area range from a sandy clay (SM-ML) type soil to a clayey (OL) type soil.

The majority of the numerous washes and streams in the area are of a non-perennial nature flowing during the early spring run-off and extremely heavy rainstorms of long duration which are extremely rare as the normal annual rainfall in the area is only 8".

11. OTHER INFORMATION - continued

Due to the low precipitation average, climate conditions and the marginal types of soils, the vegetation that is found in the area is common of the semi-arid region we are located in and in the lower elevations, it consists of sagebrush rabbit brush, some grasses, and cacti.

The fauna of the area consists predominantly of the mule deer, coyotes, rabbits, and varieties of small ground squirrels and other types of rodents.

The area is used by man for the primary purpose of grazing sheep and cattle.

The birds of the area are raptors, finches, ground sparrows, magpies, crows and jays.

The Topography of the Immediate Area (See Topographic Map "B".)

Ute Indian Tribe 40-20-H62-1754, sits on a small plateau which separates Dry Gulch Creek and Water Hollow.

The terrain of the immediate area of the location site is generally flat sloping from North to South through the location at approximately a 2% grade.

All washes and draws in the immediate area are of a non-perennial nature.

The Geologic Structures visible in the immediate area is of the Duchesne River formation and consists of a redish-brown sandy clay type topsoil.

The vegetation in the immediate area surrounding the location site is predominantly sagebrush, rabbit brush, and grasses.

There are no visible archaeological, historical, or cultural sites within any reasonable proximity of the proposed location site. (See Topographic Map "B".)

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

John H. Brunel  
Suite 416  
818-17th Street  
Denver, Colorado 80202

Tele: 1-303-623-5094

13. CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Teton Energy Company, Inc. and its contractors and sub-contractors in conformity with this plan and terms and conditions under which it is approved.

Date

Jan 20, 1978

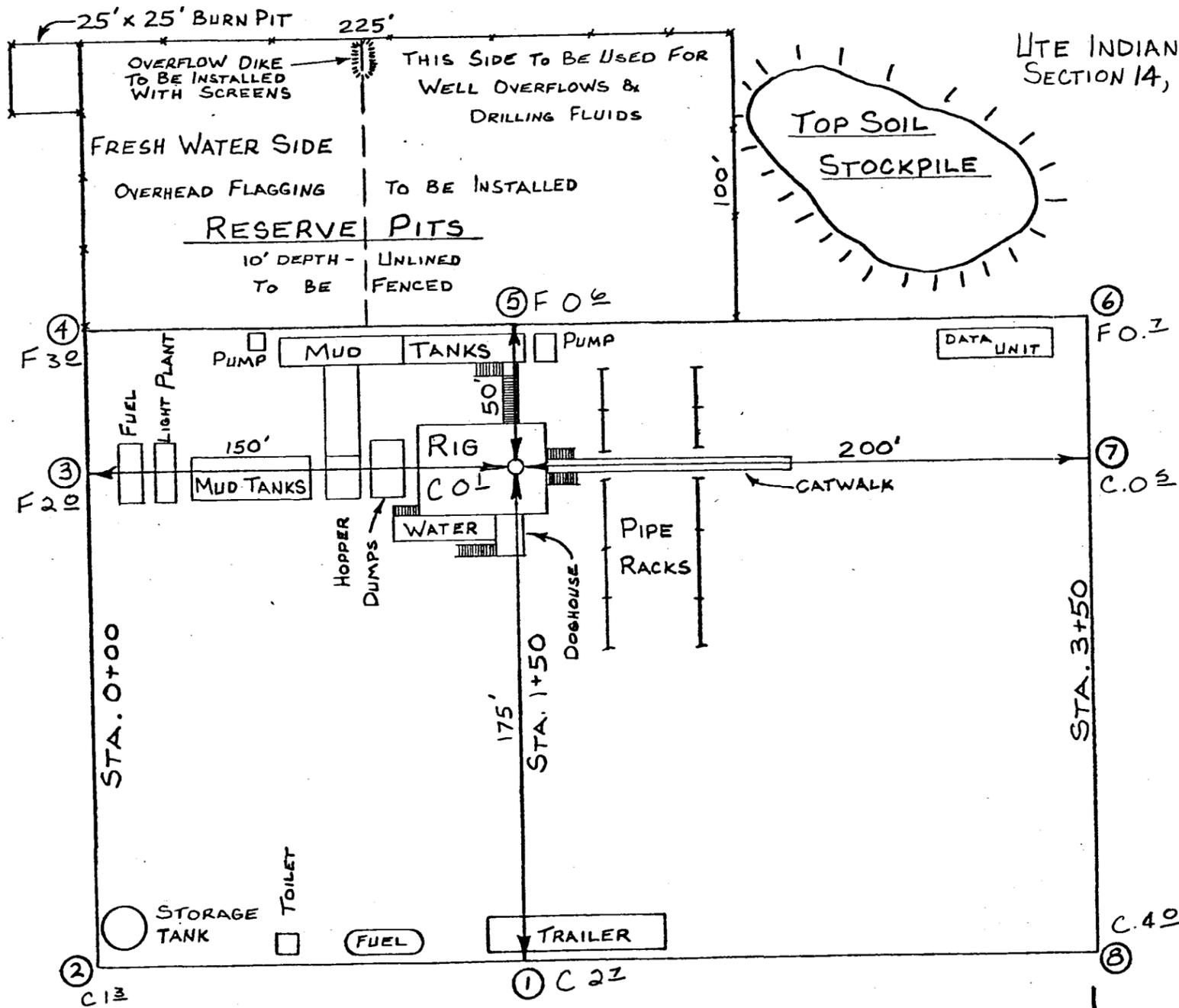
John H. Brunel  
Vice-President

TETON ENERGY Co. INC.

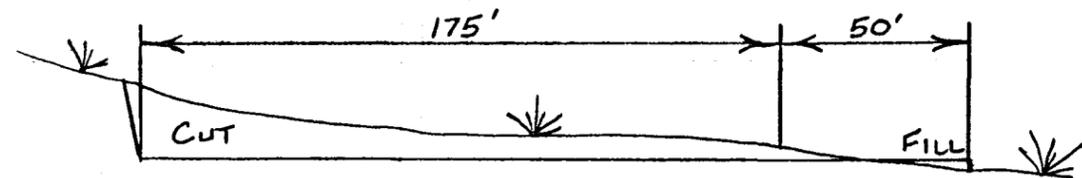
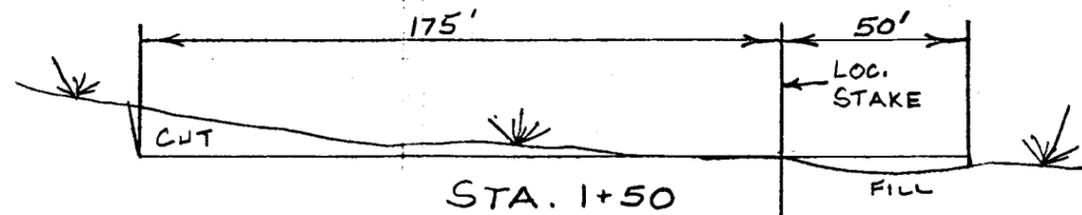
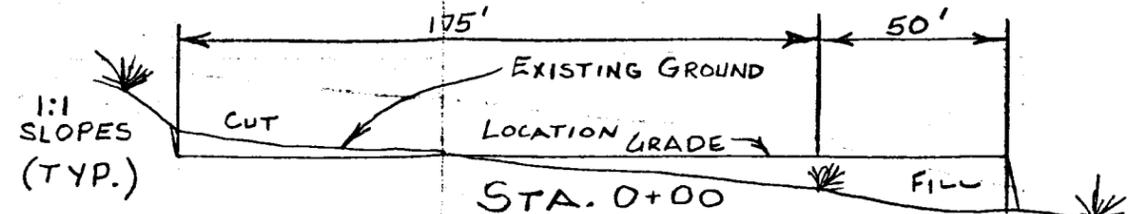
LOCATION LAYOUT SHEET

FOR

UTE INDIAN TRIBE 14-20-H62-1754  
SECTION 14, T1S, R3W, U.S.B.&M.

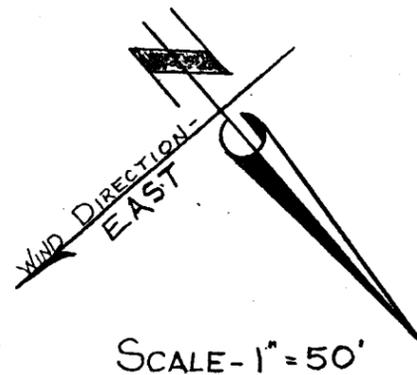


CROSS SECTIONS



SCALES

1" = 50'



SOILS LITHOLOGY

- NO SCALE -



LIGHT BROWN SANDY CLAY (SC-CL)

APPROXIMATE YARDAGES

CUT - 3239 CU. YDS.

FILL - 767 CU. YDS.

# TETON ENERGY CO., INC.

UTE INDIAN TRIBE 14-20-H62-1754

TOPO

MAP "B"



SCALE 1" = 2000'

ROAD CLASSIFICATION

Medium-duty Light-duty   
Unimproved dirt

State Route

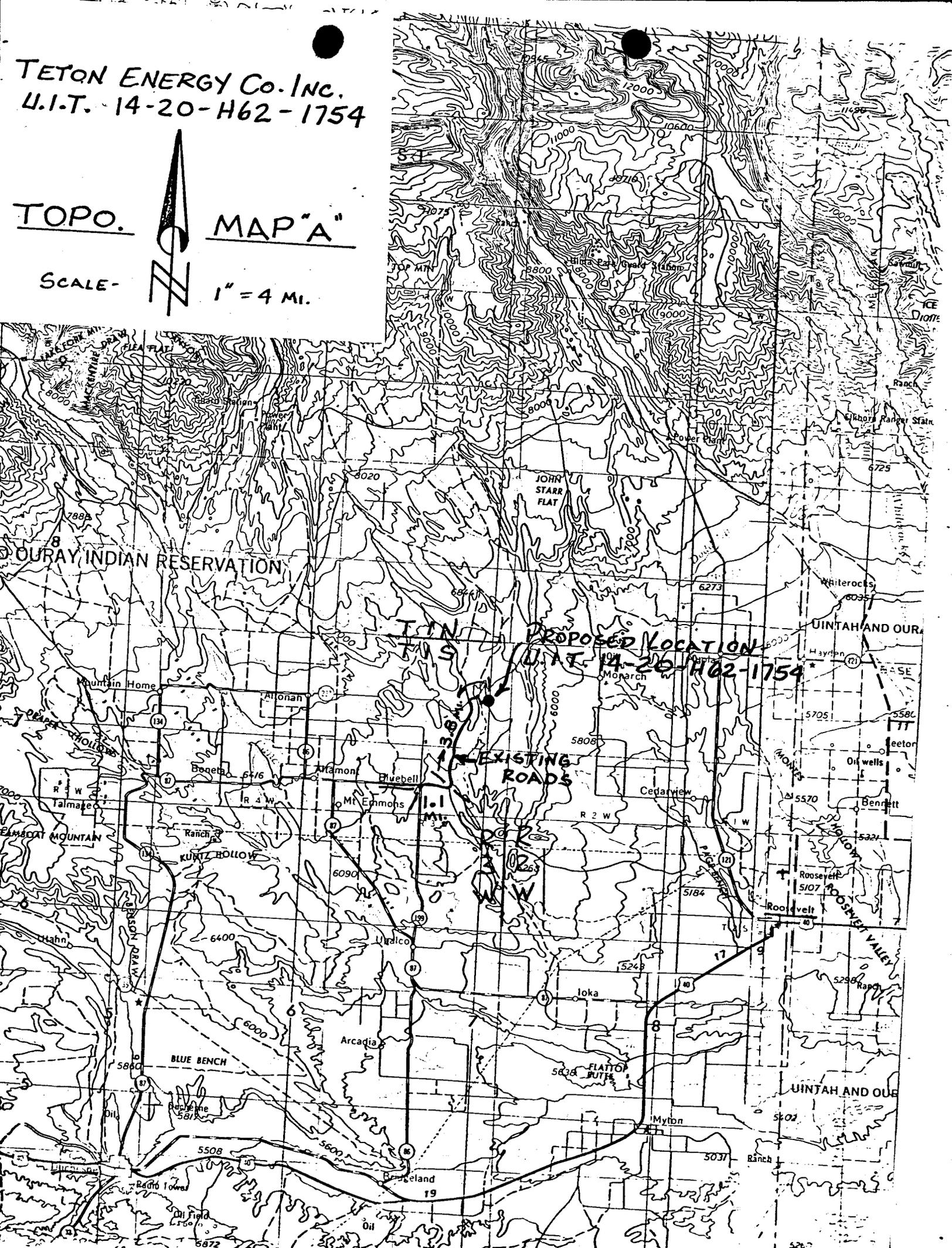


QUADRANGLE LOCATION



TETON ENERGY Co. Inc.  
U.I.T. 14-20-H62-1754

TOPO. MAP "A"  
SCALE - 1" = 4 MI.



January 26, 1978

Teton Energy Inc.  
818 - 17th Street  
Suite 416  
Denver, Colorado 80202

Re: Well No's:  
Ute Tribal 14-1,  
Sec. 14, T. 1 S, R. 3 W,  
Ute Tribal 23-1,  
Sec. 23, T. 1 S, R. 3 W,  
Duchesne County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to wells is hereby granted in accordance with the Order issued in Cause No. 131-14.

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

PATRICK L. DRISCOLL - Chief Petroleum Engineer  
HOME: 582-7247  
OFFICE: 533-5771

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

Further, it is requested that this Division be notified within 24 hours after spudding, and that the drilling contractor and rig number be identified.

The API numbers assigned to these wells are:

14-1: 43-013-30437

23-1: 43-013-30438

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

cc: U.S. Geological Survey

CLEON B. FEIGHT  
Director



SCOTT M. MATHESON  
Governor

OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON  
*Executive Director,*  
NATURAL RESOURCES

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS, AND MINING

1588 West North Temple  
Salt Lake City, Utah 84116  
(801) 533-5771

I. DANIEL STEWART  
*Chairman*

CLEON B. FEIGHT  
*Director*

CHARLES R. HENDERSON  
JOHN L. BELL  
THADIS W. BOX  
C. RAY JUVELIN

August 22, 1978

Teton Energy Company, Inc.  
621 17th Street, Suite 1520  
Denver, Colorado 80293

Re: Well locations listed on  
attached sheet

Gentlemen:

Our records indicate that you have not filed a Monthly Report of Operations for the months indicated above on the subject wells.

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC-1b, (U.S. Geological Survey Form 9-331) "Sundry Notices and Reports on Wells", or on company forms containing substantially the same information. We are enclosing forms for your convenience.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, & MINING

Tammy Edge  
Typist

Well No. Federal 1-8  
Sec. 8, T. 6S, R. 20E  
Uintah County, Utah  
May 1978-July 1978

Well No. Ute Tribal 13-1  
Sec. 13, T. 1S, R. 3W  
Duchesne County, Utah  
February 1978-July 1978

Well No. Ute Tribal 14-1  
Sec. 14, T. 1S, R. 3W  
Duchesne County, Utah  
February 1978-July 1978

Well No. Ute Tribal 23-1  
Sec. 23, T. 1S, R. 3W  
Duchesne County, Utah  
February 1978-July 1978

Well No. Federal #1  
Sec. 33, T. 5S, R. 19E  
Uintah County, Utah  
November 1977-July 1978

Conservation Division  
8440 Federal Building  
Salt Lake City, Utah 84138

August 24, 1978

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED

Teton Energy Company, Inc.  
818 17th Street, Suite 416  
Denver, Colorado 80202

L.A.  
Re: 1) Well #13-1 SWNE Sec. 13-1S-3W  
USM Lease 14-20-H62-1753  
2) Well #14-1 SENW Sec. 14-1S-3W  
USM Lease 14-20-H62-1754  
3) Well #23-1 SENW Sec. 23-1S-3W  
USM Lease 14-20-H62-1760  
Bluebell Field  
Duchesne County, Utah

Gentlemen:

A review of the referenced approved Applications for Permit to Drill disclosed that no activity has taken place since the approval date of January 27, 1978. All three (3) applications were approved on that date. According to our records, leases 14-20-H62-1753, 14-20-H62-1754, and 14-20-H62-1760 have an expiration date of July 9, 1978.

The Applications for Permit to Drill these wells are revoked effective July 10, 1978, unless documentation is provided that the wells were drilled and producing effective July 9, 1978. The documentation must be in this office within fifteen (15) days after receipt of this letter.

Any construction activities associated with these wells must be rehabilitated in accordance with the Applications for Permit to Drill unless otherwise notified.

Your cooperation in this matter is appreciated.

Sincerely yours,

(Orig. Sgd.) E. W. Guynn

E.W. Guynn  
District Engineer

bcc: O&GS, NRMA, Casper  
BIA-Ft. Duchesne  
Utah State-Division of Oil, Gas & Mining ✓  
USGS-Vernal  
Lease Files (3)  
Well Files (3)

RAH/lbn

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLI  
(Other instructions  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT--" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR TETON ENERGY CO., INC.		8. FARM OR LEASE NAME UTE TRIBAL	
3. ADDRESS OF OPERATOR 621 - 17th Street; Ste. 1520; Denver, Colo. 80293		9. WELL NO. 14-1	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1698' FNL 2366' FEL		10. FIELD AND POOL, OR WILDCAT Bluebell-Altamont	
14. PERMIT NO.		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 14-1S-3W	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6481' GR ungraded		12. COUNTY OR PARISH Duchesne	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

(Other) Location Temp. Abandoned

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

18. I hereby certify that the foregoing is true and correct  
SIGNED John H. Brunel TITLE Vice President DATE 9/12/78  
(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY: