

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-H62-1760

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 is unpermitted

FIELD: Bluebell ~~_____~~

UNIT:

COUNTY: Duchesne

WELL NO. Ute Tribal 23-1

API NO: 43-013-30438

LOCATION 1805 FT. FROM (N) (X) LINE. 1675 FT. FROM (W) LINE. NE NW 1/4-1/4 SEC. 23

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
				1S.	3W	23	TETON ENERGY COMPANY

UTAH DIVISION OF OIL, GAS AND MINING

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PUBLIC LEASE NO.

INDIAN 14-20-H62-1760

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 23-1

API NO: 43-013-30438

LOCATION 1805 FT. FROM (N) LINE.

1675 FT. FROM (E) (W) LINE.

NE NW 1/4-1/4 SEC. 23

TWP.

RGE.

SEC.

OPERATOR

TWP.

RGE.

SEC.

OPERATOR

FILE NOTATIONS

Entered in NID File ✓
Location Map Pinned ✓
Card Indexed ✓

Checked by Chief
Approval Letter
Disapproval Letter

COMPLETION DATA:

Date Well Completed
OW..... WW..... TA.....
GW..... OS..... PA.....

Location Inspected
Bond released
State or Fee Land

LOGS FILED

Driller's Log.....
Electric Logs (No.)
E..... I..... Dual I Lat..... GR-N..... Micro.....
EIG Sonic GR..... Lat..... Mi-L..... Sonic.....
ELog..... CCLog..... Others.....

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 661 FNL, 2139' FWL
 1805 1675
 At proposed prod. zone Same

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

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 661'
 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.)
 6318' 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 1/2"	9 5/8"	36#	2300'	500 sacks
7 7/8"	5 1/2"	17#	12,400'	500 sacks

Propose to drill a well for oil and gas to an approximate depth of 12,500' 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 [Signature] TITLE Vice President DATE January 5, 1978

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY 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

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
 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 661' FWL, 2139' FWL
 At proposed prod. zone 1805' FWL x 1675' FWL
 Same NE NW

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

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any):
 661'

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.)
 6318' Gr., ungraded

22. APPROX. DATE WORK WILL START*
 on approval

5. LEASE DESIGNATION AND SERIAL NO.
 14-20-H62-1760

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

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
 Ute Tribal

9. WELL NO.
 23-1

10. FIELD AND POOL, OR WILDCAT
 Bluebell-Altamora

11. SEC., T., E., M., OR BLE. AND SURVEY OR AREA
 23-T1S-R3W

12. COUNTY OR PARISH
 Duchesne

13. STATE
 Utah

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/2	9 5/8"	36#	2300'	500 sacks
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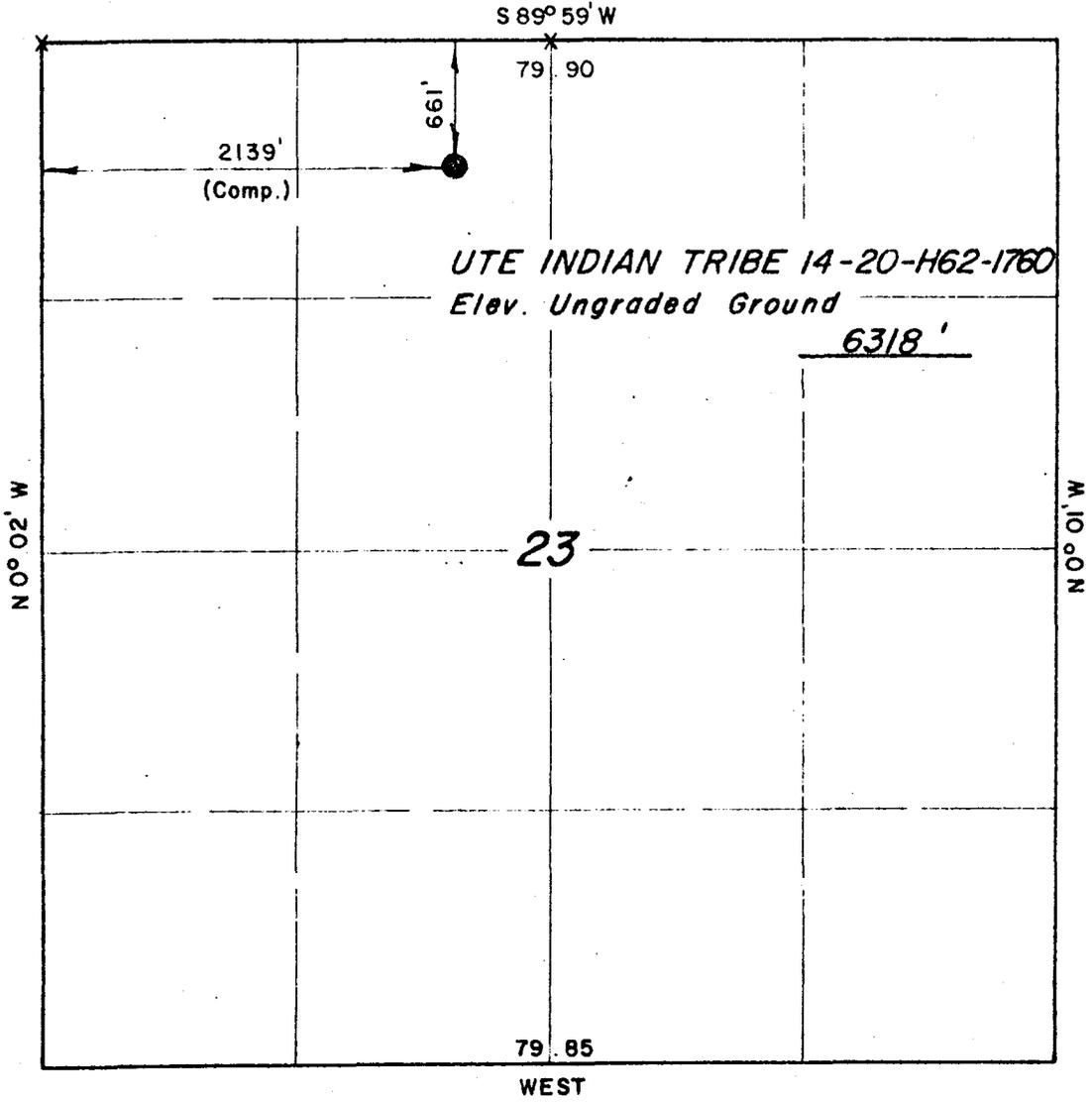
IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED [Signature] TITLE Vice President DATE January 5, 1978
 (This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
 APPROVED BY _____ TITLE _____ DATE _____
 CONDITIONS OF APPROVAL, IF ANY:

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

PROJECT
TETON ENERGY CO., INC.
 Well location, *UTE INDIAN TRIBE 14-20-H62-1760*, located as shown in the NE 1/4 NW 1/4 Section 23, T1S, R3W, U.S.B.&M. Duchesne County, Utah.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM THE 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. Wood
 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.

X = Section Corners Located

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

** FILE NOTATIONS **

Date: Jan. 11-
Operator: Utah Energy Co.
Well No: Ute Tribal 23-1
Location: Sec. 23 T. 15 R. 3W County: Duchesne

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

API NUMBER: 43-013-30438

CHECKED BY:

Administrative Assistant AW
Remarks: Does Not fit Order - 1/26 OK - footage charged
Petroleum Engineer [Signature]
Remarks: [Signature]
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

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of ^{Indian Affairs} ~~Land Management~~, holder of lease

Bureau of Indian Affairs, Uintah and Ouray Agency

~~DISTRICT LAND OFFICE:~~

SERIAL NO.: 14-20-H62-1760

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 23: All

Duchesne County, Utah

Agent and

It is understood that this designation of 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.

Agent and

In case of default on the part of the designated 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 ^{Agent and} operator.

CHEVRON U.S.A. INC.

By E. C. Wensley
(Signature of lessee)
Assistant Secretary

December 16, 1977

(Date)

P.O. Box 599, Denver, Colorado 80201

(Address)

FROM: District Geologist, Salt Lake City, Utah

TO: District Engineer, Salt Lake City, Utah

SUBJECT: APD supplemental stipulations

Operator: Teton Energy Well: 23-1
Co., Inc.

Duchesne co., Utah

Lease No.: 14-20462-1760 NE* NW* sec. 23

T. 15, R. 3W USM

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

Formation	Depth

Formation	Depth

2. Possible fresh water aquifers present below surface casing? Yes X, No . If yes: Surface casing program may require adjustment for protection of fresh water aquifers to a depth of approximately 1000 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 (Dens logs and Sonic *) will be run through the Green River fm. ** at approximate depths of 7300 to 9300 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, H₂S)? Yes , No X. If yes, what?

6. References and remarks:

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

Date: 1-16-78 State Oil and Gas signed emp

OPERATOR Teton Energy

LEASE # 14-20-H62-1160

WELL NO. 23-1

LOC. 1/4 NE 1/4 NW SEC. 23

T. 15 R. 3W

COUNTY Duchesne STATE Ut

FIELD Bluebell - Attachment

USGS Evans

BLM BIA Valverde

REP: Wilson Marshall, with

DIRT Watts Engineering

- ENHANCES
- NO IMPACT
- 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	Spills and leaks Operational failure	

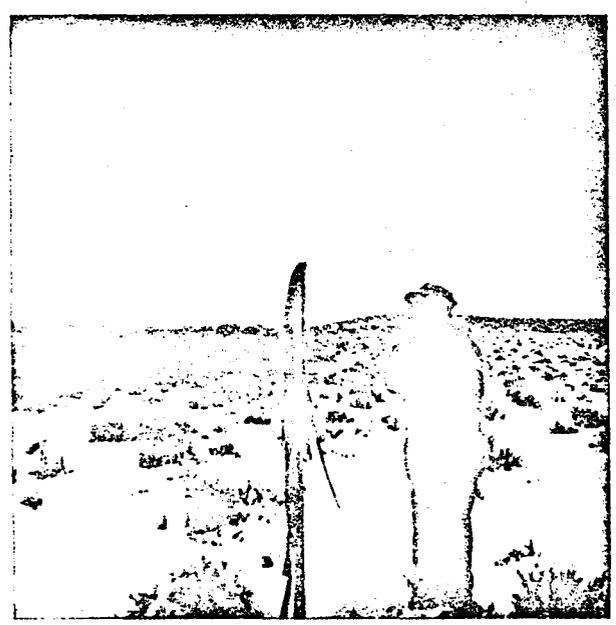
Forestry					
Grazing					
Wilderness					
Agriculture					
Residential-Commercial					
Mineral Extraction					
Recreation					
Scenic Views					
Parks, Reserves, Monuments					
Historical Sites					
Unique Physical Features					

Birds					
Land Animals					
Fish					
Endangered Species					
Trees, Grass, Etc.					
Surface Water					
Underground Water					
Air Quality					
Erosion					
Other					
Effect On Local Economy					

Safety & Health					
-----------------	--	--	--	--	--

Others LOCATION moved by operator to SE NW sec 23 because of spacing - paper work, survey new 12 pt plow should follow.

CC: Drug Free
State of Utah
Utah State Dept. of
Wildlife
MANAGER



Note NATURAL Sage on left
"Rotobeat" & seeded Sage on left

LEASE 14-20-H62-1754

DATE 17 JAN 78

WELL NO. 23-1 (1675' FWL 1805' FNL)

LOCATION: SE 1/4 NW 1/4, SEC. 23, T. 1S, R. 3W

FIELD Bluebell-Altament COUNTY Duchesne STATE Ut

Note Location is for Alternate site - change of paperwork should follow.

ENVIRONMENTAL IMPACT ANALYSIS - ATTACHMENT 2-B

All. Location was staked prior to our inspection.

I. PROPOSED ACTION

Teton Energy Company Inc.
(COMPANY)

PROPOSES TO DRILL AN OIL AND

GAS TEST WELL WITH ROTARY TOOLS TO ABOUT 17,500 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 700' 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 ^{NOT KNOWN AT THIS TIME} TO A TIE-IN IN

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 IN UTAH BASIN. Well site on

a small plateau with approx 2% slope. NO live drainage in area

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

(CULTIVATED) NATIVE GRASSES OTHER crested wheatgrass

AREA is in experimental range. A AREA was rotobeat and seeded with crested wheat approx 12 years ago. seems that this did establish more grass

native and other in area. An area which was rototilled has not shown the same success. ∴ Rehab will probably take more than 12 years.

(3) WILDLIFE: DEER ANTELOPE ELK BEAR SMALL MAMMAL BIRDS ENDANGERED SPECIES ^{NONE KNOWN} OTHER Sage hen strutting

Areas are common in this area. none were found in proximity of well.

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

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. Rehab should ~~be~~ mitigate surface disturbance after some period of time.

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) Note: APD rec'd Jan 9, 78 should be superseded by new location as addressed in this EIP. Operator moved location prior to onsite due to state spacing requirements. The original paper work was available for Agency inspection at onsite. Copies should be coming for official confirmation. Well 661 FNL 2139 FNL (proposed) 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.

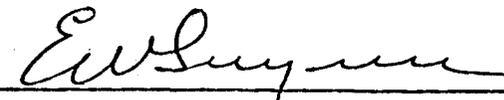
6)

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, 77

INSPECTOR J. EVANS


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

Wilson Marshall, Uintah Engineering, was requested by operator to represent him at onsite.

Pressure Monitoring and Control Data (8 Point Plan)
Teton Energy Co., Inc. #23-1 Ute Tribal
NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 23-TLS-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 Preventors: 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

Teton Energy Co., Inc.

623-5094

BUS. 2000998
324 PATTERSON BUILDING
555 SEVENTEENTH STREET
DENVER, COLORADO 80202
RES. 758-0850

CIRCULATE TO:

DIRECTOR
SOLICIT ENGINEER
SILENCE COORDINATOR
ADMINISTRATIVE ASSISTANT
ALL

RETURN TO _____
FOR FILING

SUITE 418
1818 17th STREET
DENVER, COLORADO 80202

January 20, 1978

Re: Ute Tribal 1-23
Sec. 23-T1S-R3W
Uintah County, Utah



[Handwritten signature]

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 wells 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,

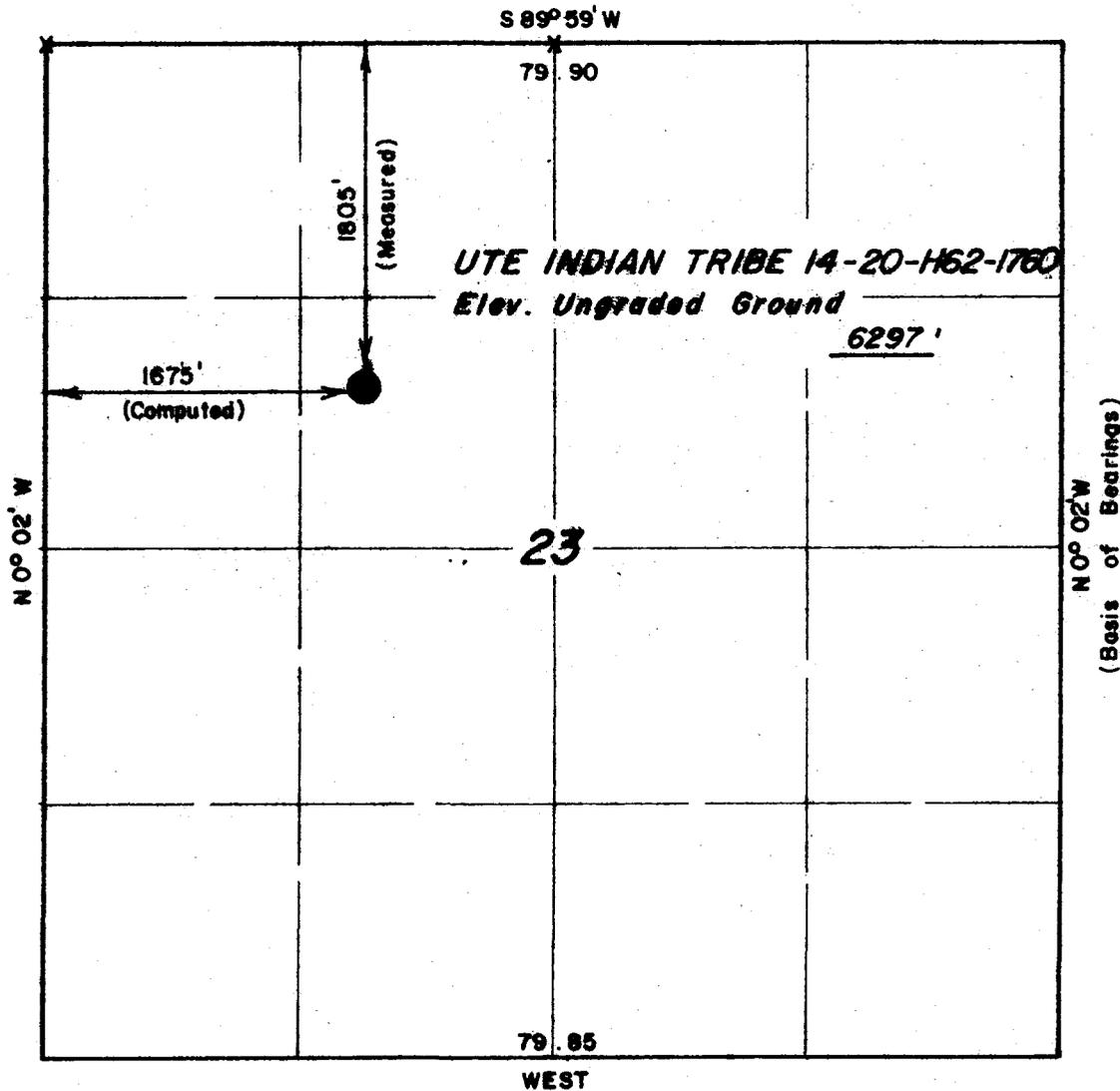
[Handwritten signature: John H. Brunel]
John H. Brunel

c
encl.

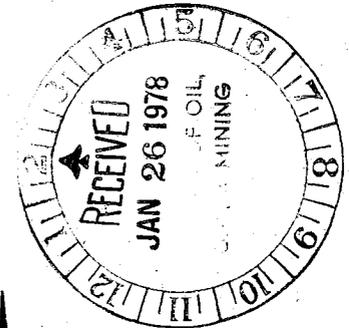
[Large handwritten note: Footage Location Changed]

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

PROJECT
TETON ENERGY CO., INC.
 Well location, UTE INDIAN TRIBE 14-20-H62-1760, located as shown in the SE 1/4 NW 1/4 Section 23, 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.

Nelson J. ...
 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.

TETON ENERGY COMPANY, INC

13 Point Surface Use Plan

for

Well Location

Ute Indian Tribe 14-20-H62-1760

Located In

Section 23, T1S, R3W, U.S.B & M.

Duchesne County, Utah



1. EXISTING ROADS

See attached Topographic Map "A", to reach Teton Energy Company, Inc. well location Ute Indian Tribe 14-20-H62-1760 located in the NW 1/4 Section 23, T1S, R3W, U.S.B.M.

Proceed East out of Bluebell, Utah on Duchesne County road 1.1 miles to its junction with a County road to the North; proceed Northerly on this county road 1.9 miles to the junction of this road and the proposed access road to be discussed in Item #2.

There is no construction anticipated on any of the above described roads.

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 road described in Item #1 in the SW 1/4 NW 1/4 Section 23, T1S, R3W, U.S.B.M. and proceeds in a Southeasterly direction approximately 800' to the proposed location site in the SE 1/4 NW 1/4 said Section 23.

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 centerlined staked 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.

If deemed necessary by the local governmental agencies or their representatives, turnouts will be installed for safety purposes every 0.25 miles or on the top of ridges that will provide the greatest sight distance. These turnouts will be 200' in length and 12' width and will be tapered from the shoulder of the road for a distance of 50' in length at both the access and outlet end.

2. PLANNED ACCESS ROAD - continued

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.

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 that is traversed by this road is generally flat and is vegetated with 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 Item #7 and #10, and these requirements and standards will be adhered to.

5. LOCATION AND TYPE OF WATER SUPPLY

Water to be used for the drilling of this well will be hauled by truck along the proposed roads and existing county roads from Water Hollow in the NE 1/4 Section 16, T1S, R3W, U.S.B.M., 2.5 miles to the East to the proposed location site.

In the event this is not a suitable source then the necessary arrangements will be made to acquire water from other sources.

6. SOURCE OF CONSTRUCTION MATERIALS

All construction materials for this location site and access road shall be borrow materials accumulated during construction of the location site and access road.

6. SOURCE OF CONSTRUCTION MATERIALS - continued

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.

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 backfilling 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 B.I.A. Representatives shall be notified before any construction begins on the proposed location site.

9. WELL SITE LAYOUT - continued

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 restored 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 conformation 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 and 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 sandy soils (SM-ML) with poorly graded gravels.

11. OTHER INFORMATION - continued

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 rain storms of long duration which are extremely rare as the annual rainfall in the area is only 8".

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 purposed 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 14-20-H62-1760, sits on a small plateau which separates Dry Gulch Creek and Water Hollow. The groundslopes at approximately a 2% grade through the location site and is vegetated by sagebrush and grasses.

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

The geologic structure visible in the immediate area is of the Duchesne River formation and consists of 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 occupied dwellings or other facilities of this nature in the general area.

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

Teton Energy Company, Inc.
Ute Indian Tribe 40-20-H62-1760
Section 23, T1S, R3W, U.S.B.M.

13. CERTIFICATION

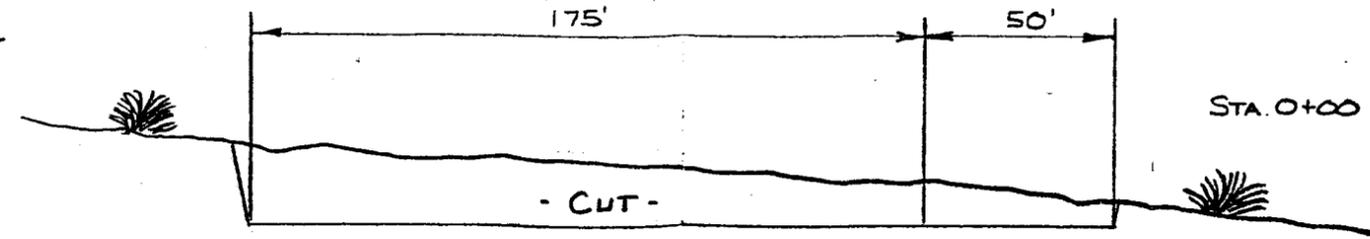
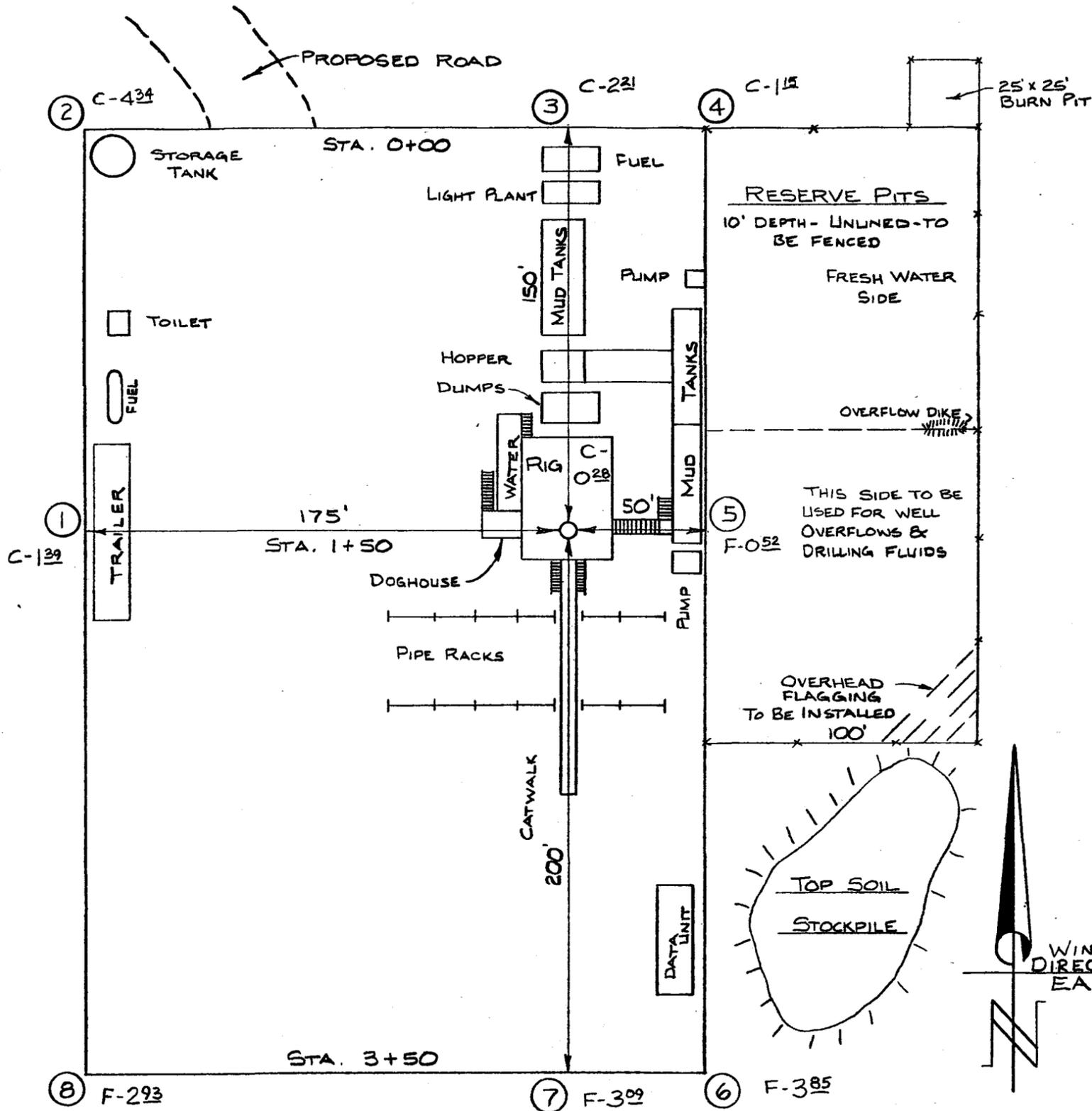
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; that the work associated with 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

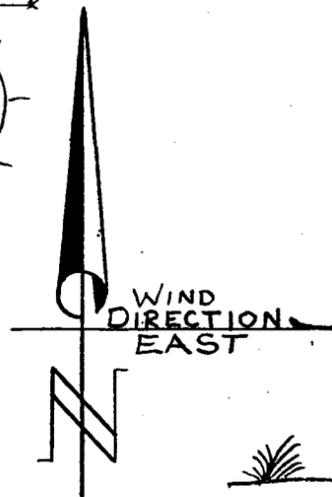
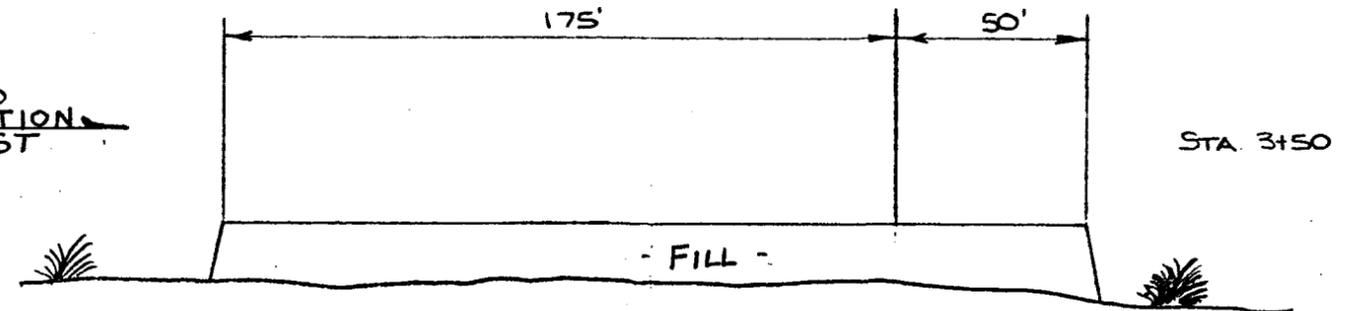
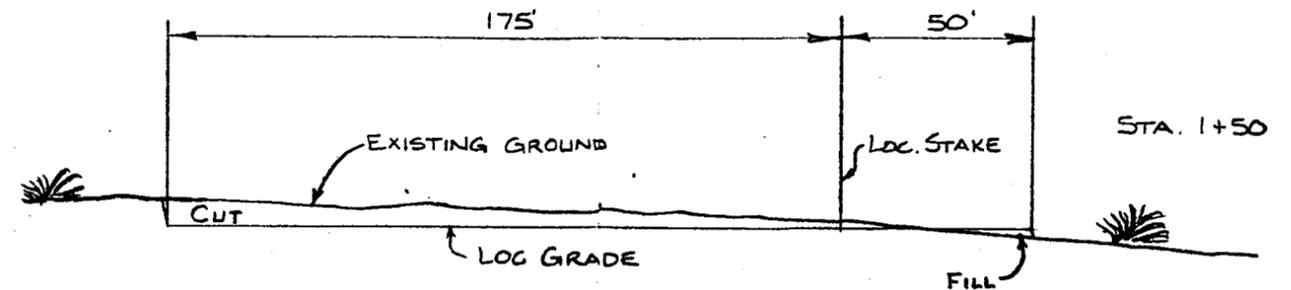
Jan 20, 1978

John H. Brunel
Vice-President

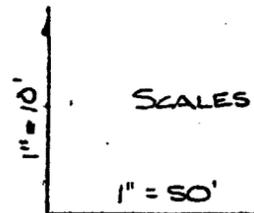
TETON ENERGY CO., INC.
 LOCATION LAYOUT
 UTE INDIAN TRIBE 14-20-H62-1760



CROSS SECTIONS



SOILS LITHOLOGY
 NO SCALE



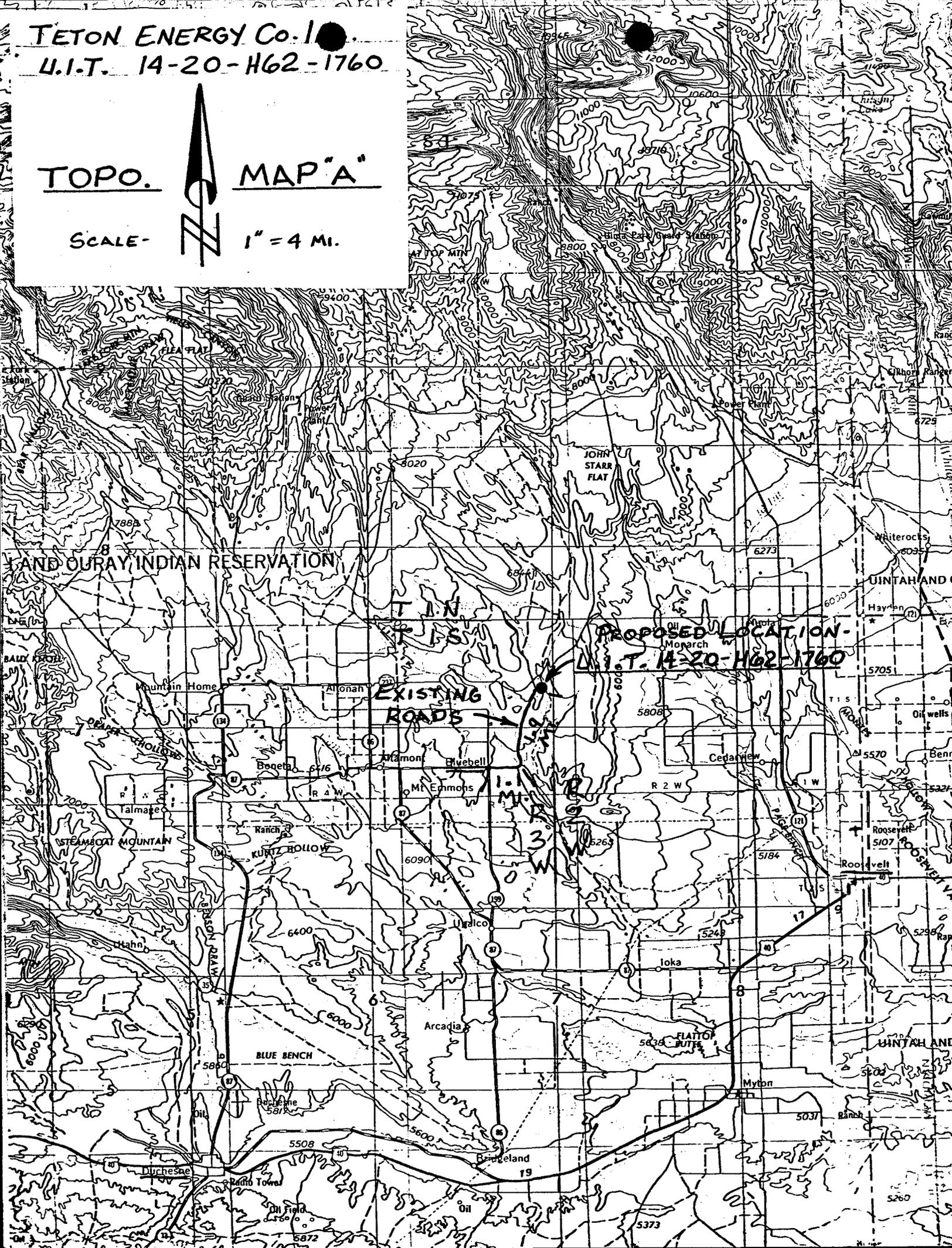
APPROX. YARDAGES

CUT 2,684 CU. YDS.
 FILL 2,026 CU. YDS.

TETON ENERGY Co. 1 ●
U.I.T. 14-20-H62-1760

TOPO. MAP "A"

SCALE -  1" = 4 MI.



TETON ENERGY CO. INC.
PROPOSED Loc 11. N-
UTE INDIAN TRIBE 14-20-H62-1760

TOPO.

MAP "B"

SCALE-

1" = 2000'

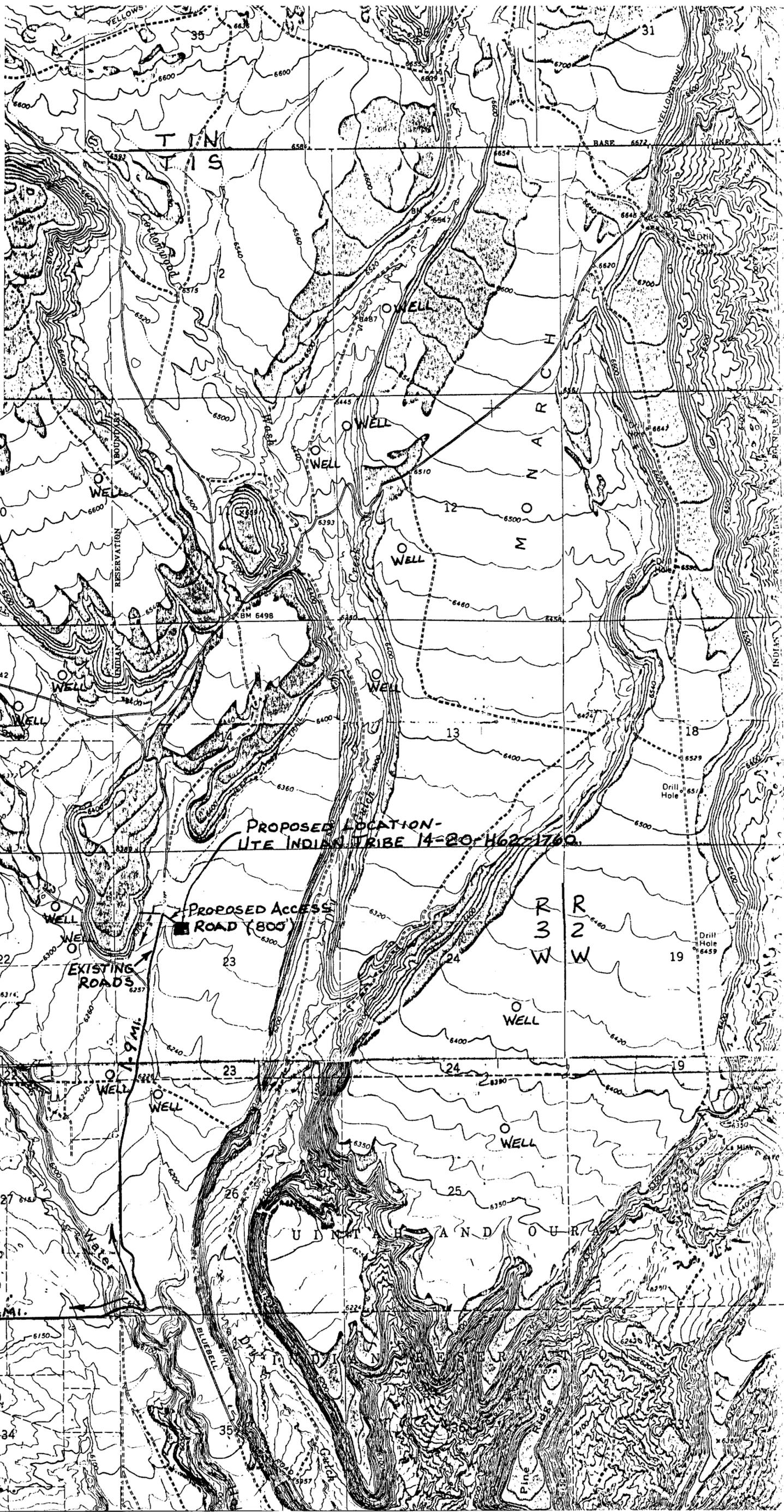
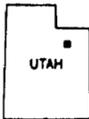
ROAD CLASSIFICATION

Medium-duty

Light-duty

Unimproved dirt

State Route



PROPOSED LOCATION-
UTE INDIAN TRIBE 14-20-H62-1760.

PROPOSED ACCESS
ROAD (800')

EXISTING
ROADS

R 3
W 2
W

Bluebell

UINTEAN H AND OUR

Pine

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

I. DANIEL STEWART
Chairman

CLEON B. FEIGHT
Director

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

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

X 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 TRIPLICATE
(Other instructions on re-
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 GAS WELL OTHER

2. NAME OF OPERATOR
TETON ENERGY CO., INC.

3. ADDRESS OF OPERATOR
621 - 17th Street; Denver, Colo. 80293

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
1805' FNL, 1675' FWL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
6318' GR ungraded

5. LEASE DESIGNATION AND SERIAL NO.
TL-1760

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Ute Tribal

9. WELL NO.
23-1

10. FIELD AND POOL, OR WILDCAT
Bluebell-Altamont

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 23-1S-3W

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 J. M. Brown TITLE Vice President DATE 9/12/78

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: