

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS WELL LOG ELECTRIC LOGS FILE **X** WATER SANDS LOCATION INSPECTED SUB REPORT/abd

Location abandoned well never drilled as by ~~12-31-81~~ 12-21-81

DATE FILED **9-24-80**

LAND: FEE & PATENTED STATE LEASE NO PUBLIC LEASE NO **4-24230** INDIAN

DRILLING APPROVED: **9-24-80 9-25-80**

SPOUDED IN:

COMPLETED: PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY API

GOR:

PRODUCING ZONES

TOTAL DEPTH:

WELL ELEVATION:

DATE ABANDONED: ~~12-31-81~~ **LOCATION ABANDONED 12-21-81**

FIELD: ~~Undesignated~~ **3/86 Natural Buttes**

UNIT:

COUNTY: **Uintah**

WELL NO **North Duck Creek 39-30GR**

API No. **43-047-30786**

LOCATION **2169'** FT FROM ~~XX~~ LINE.

1799' FT FROM **X** (W) LINE **NE SW**

1/4 - 1/4 SEC 30

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
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8S	21E	30	BELCO PETROLEUM CORP.				
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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

5. LEASE DESIGNATION AND SERIAL NO.

24230

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Ute Surface

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

North Duck Creek

9. WELL NO.

39-30GR

10. FIELD AND POOL OR WILDCAT
~~Undesignated~~
~~No. Duck Creek River~~

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

Section 30, T8S, R21E

12. COUNTY OR PARISH

Uintah

13. STATE

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

BELCO PETROLEUM CORPORATION

3. ADDRESS OF OPERATOR

P. O. BOX X, VERNAL, UTAH 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface

At proposed prod. zone 1799' FWL & 2169' FSL NE/SW
SAME

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

5.8 Miles East of Ouray, Utah

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any) 1799'

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED TO THIS WELL

40 acres

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

5844'

20. ROTARY OR CABLE TOOLS

Rotary

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

4686 Natural G.L.

22. APPROX. DATE WORK WILL START*

Oct. 25, 1980

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13"	9 5/8"	36.0# K-55	200'	200 sx "G" cement
7 7/8"	5 1/2"	15.5# k-55	5844'	Sufficient to cover up to base of Uintah formation

- Surface Formation: Uinta
- Estimated log tops: Green River 2414'.
- Anticipate water through the Uinta, and oil through the Green River formation.
- Casing Design: New casing as described above, surface casing to be set w/air driller.
- Min BOP: 10" 3000 PSI hydraulic doublegate BOP. Will test to 1000 PSI prior to drilling surface plug and on each trip for bit.
- Mud Program: A water based, gel-chemical mud, weighted to 10.5 ppg will be used to control the well.
- Aux Equip: 2" 3000 PSI choke manifold and kill line, kelly cock, stabbing valve and visual mud monitoring.
- No cores or DST's are anticipated. Will run DIL, CNL, FDC, & GRw/caliper log
- No abnormal problems or pressures are anticipated.
- Operations will commence approx 10-25-80 and end approx 11-8-80.

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 J. Ball TITLE District Engineer DATE Sept. 2, 1980

(This space for Federal or State office use)

PERMIT NO. 43-047-30784 APPROVAL DATE 9/24/80

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

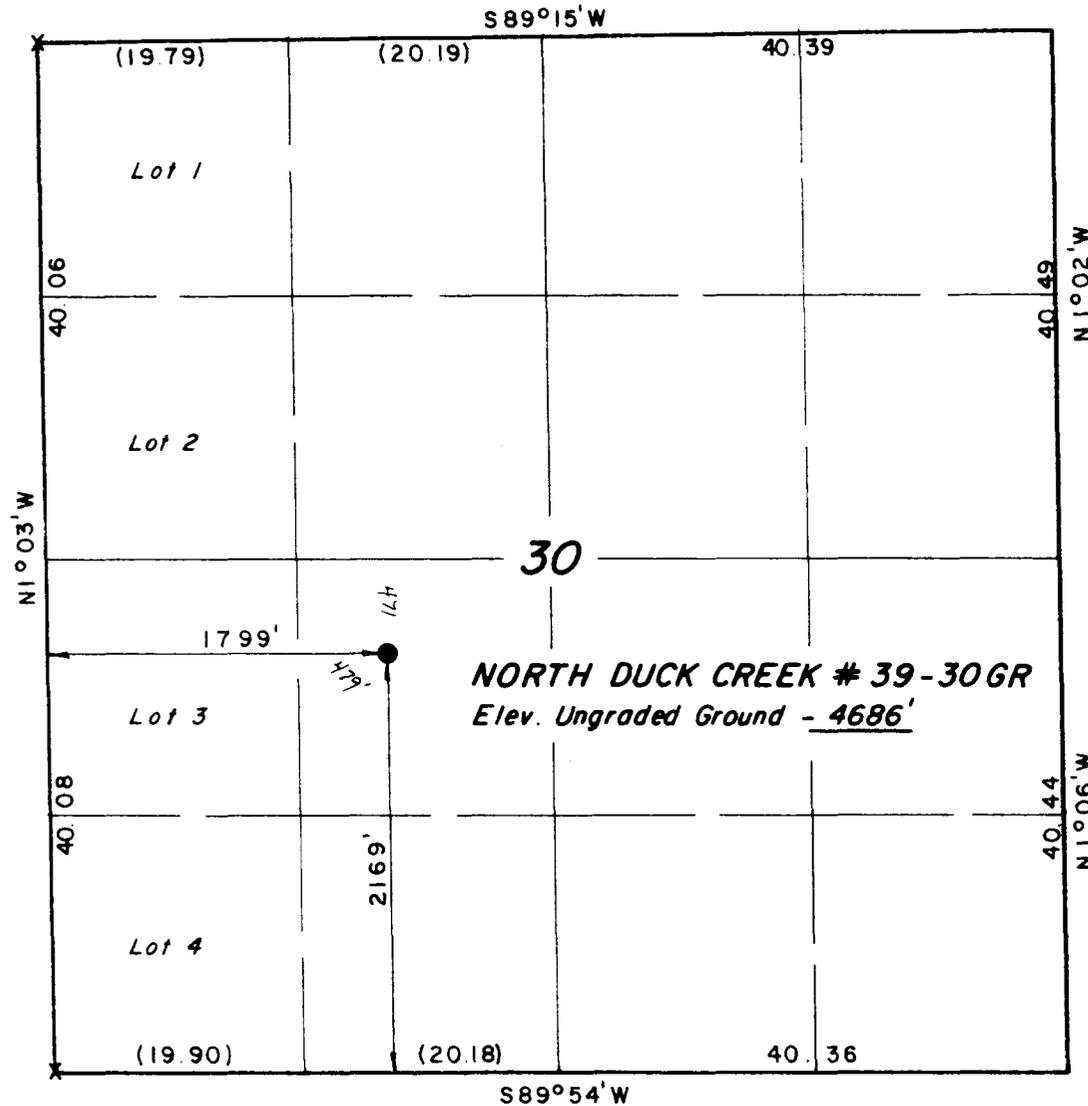
APPROVED BY THE DIVISION
OF OIL, GAS, AND MINING
DATE: 9-24-80
BY: M. J. Minder

T 8 S , R 21 E , S . L . B . & M .

PROJECT

BELCO PETROLEUM CORP.

Well location, *NORTH DUCK CREEK*
 # 39-30 GR, located as shown in the
 NE 1/4 SW 1/4 Section 30, T8S, R21E,
 S.L.B. & M. Uintah 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.

[Signature]
 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	8/25/80
PARTY	DA DK RP	REFERENCES	GLO Plat
WEATHER	Fair	FILE	BELCO

SURFACE USE AND OPERATING PLAN

WELL NAME: North Duck Creek 39-30GR

LOCATION: 1799' FWL & 2169' FSL (NE SW)
Section 30, T8S, R21E
Uintah County, Utah

1. EXISTING ROADS:

- A. Proposed Wellsite: See attached Survey Plat.
- B. Route and distance from locatable reference: See Attached Map B. Existing road colored blue. This location is approximately 5.8 miles East of Ouray Utah.
- C. Access Road: See attached Map B. Access road to be upgraded or newly constructed colored yellow.
- D. Not applicable.
- E. See attached Map B.
- F. If production is obtained, road will be improved to the standards of a permanent road and maintained in a passable condition.

2. PLANNED ACCESS ROADS:

- A. Width: Total disturbed area will be a maximum of 32' except where necessitated by fills or backslopes.
- B. Maximum Grade: 4%.
- C. Turnouts: No turnouts will be required.
- D. Drainage Design: Roads will be crowned with drainage ditches where required.
- E. Location of culverts and Major Cuts or Fills: Not applicable.
- F. Surfacing Material: All roads will be dirt surfaced.
- G. Gates, Cattleguards or Fence Cuts: Not applicable.
- H. All new or upgraded roads have been centerline staked.

3. LOCATION OF EXISTING WELLS: See attached Map B.

4. LOCATION OF EXISTING OR PROPOSED PRODUCTION FACILITIES:

- A. The only existing production facilities owned or controlled by Belco Petroleum Corporation within a one mile radius of this location are production units and tanks, (if applicable). These facilities are situated on the location pads of the existing wells. See attached Map B.
- B. Proposed Facilities:
 - 1. All production facilities will be located on the location pad.
 - 2. See Diagram A.
 - 3. See Diagram A.
 - 4. Guard rails will be installed around pumping units. Pits will be fenced and overhead flagged as necessary.
- C. Plan for rehabilitation of disturbed area: Stockpiled topsoil will be spread over any area not required for production operations of the well. At the time production operations cease, the entire area and road will be returned as near as possible to it's original conditon and reseeded in accordance with BIA specifications.

5. LOCATION AND TYPE OF WATER SUPPLY:

- A. Water for this operation will be obtained from the Green River.
- B. Water will be transported to the location by truck. Water hauler will be Liquid Transport. PSC # 1969.
- C. No water well is to be drilled on this lease at this time.

6. SOURCE OF CONSTRUCTION MATERIALS:

- A. All materials will be obtained from the access road and location.
- B. All lands involved are owned or controlled by the BIA.
- C. All materials will be obtained from the road and location, and will be used on the same.
- D. See Topo Map B.

7. METHODS OF HANDLING WASTE DISPOSAL:

- A. All cuttings, drilling fluids and produced fluids will be contained in the reserve pit.
- B. A chemical toilet will be available on the location.
- C. All trash and foreign wastes will be collected in a trash cage, and removed from the location at the completion of operations.
- D. The location will be properly cleaned at the end of drilling and at the end of completion of operations.

8. ANCILLARY FACILITIES: No camps or airstrips are planned.

9. WELLSITE LAYOUT:

A.B.C. See attached location layout.

D. Pits will be lined to conserve water and will be fenced on three sides at the onset of drilling operation. Pit will be fenced on the fourth side at the completion of operations.

10. PLAN FOR RESTORATION OF SURFACE:

- A. Area will be backfilled and contoured as near as possible to it's original condition. All waste materials will be removed, burned or buried.
- B. All rehabilitation and revegetation will take place in accordance with BIA requirments.
- C. At the time of rig release the pits will be completely fenced.
- D. Any oil on pits will be removed or overhead flagged for the protection of livestock and wildlife.
- E. Location will be cleaned as soon as operations cease. All dirt work will commence as soon as pit has dried sufficiently for backfilling. Reseeding will take place within one year of completion of operations.

11. OTHER INFORMATION:

- A. Topography, etc: The area surrounding this location is described as desert terrain, with small hills, gullies and washes and rock outcroppings. Area is sparsely vegetated with sagebrush and native grasses. Wildlife consists of small rodents, birds and reptiles.
- B. Livestock grazing and mineral exploration are the only surface use activities in the area. All lands involved with this location are owned or controlled by the BIA.
- C. There is no water in the immediate vicinity of this location. No occupied dwellings or known archeological or cultural sites are in the area of this location.

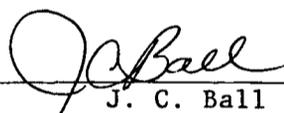
12. Belco Petroleum Corporation's representative for this operation will be Mr. John A. Maxfield, P. O. BOX X, Vernal, Utah 84078, telephone number 801-789-0790.

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 Belco Development Corporation, It's contractors and sub-contractors in conformity with this Plan and the terms and conditions under which it is approved:

September 2, 1980

DATE



J. C. Ball
DISTRICT ENGINEER

JCB/lh

ATTACHMENTS

Additional Stipulations and provisions to the Surface Use Plan required by the BIA.
Location Plat
Location Layout
Map A
Map B
Diagram A
Production facilities schematic
BOP DESIGN

BUREAU OF INDIAN AFFAIRS
ADDITIONAL PROVISIONS TO THE SURFACE USE AND OPERATING PLAN

WELL NAME: North Duck Creek 39-30GR

LOCATION: 1799' FWL & 2169' FSL (NE/SW)
Section 30, T8S, R21E
Uintah County, Utah

1. FIREARMS:

Employees of Belco Petroleum Corporation, its contractors and sub-contractors have been instructed not to carry firearms on the Uintah and Ouray Indian Reservation.

2. OFF ROAD TRAFFIC:

Employees of Belco Petroleum Corporation, its contractors and sub-contractors have been instructed to remain only on established roads and well sites.

3. FIREWOOD:

Employees of Belco Petroleum Corporation, its contractors and sub-contractors have been notified of the requirements of the Bureau of Indian Affairs to obtain a wood permit from the Forestry Section before gathering any wood on the Uintah and Ouray Indian Reservation.

4. RESTORATION:

All topsoil will be stripped and stockpiled. When all drilling and production activities end or if abandonment is required, 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 as near as possible to their original line of flow. Restoration activities shall begin when the pit is sufficiently dry. Once activities have been completed, the location site and access road shall be reseeded with a seed mixture recommended by the Bureau of Indian Affairs when the moisture content of the soil is adequate for seed germination.

5. DISPOSAL OF PRODUCED WATER:

No produced water is anticipated, however, all forms required by and pertaining to NTL-2B will be filed.

6. SIGNS:

A sign stating the following shall be placed on the access road to the location site:

AUTHORIZED PERSONNEL ONLY
BELCO PETROLEUM CORPORATION
WELL SITE
FIREARMS ARE PROHIBITED

THIS LAND IS OWNED BY THE UINTAH AND
OURAY INDIAN RESERVATION
PERMITS TO CUT FIREWOOD MUST BE OBTAINED
FROM THE B.I.A. FORESTRY SECTION PRIOR
TO CUTTING OR GATHERING ANY WOOD
ALONG THIS ROAD

7. RIGHTS OF WAYS:

Right-of-way and damages will be paid per the re-survey by Uintah Engineering and their certificate of completion.

8. PERMITS FOR WATER OR EARTH FILL:

Water for this operation will be obtained from the Green River.

9. WEED CONTROL:

Belco Petroleum Corporation will initiate a Plan for controlling noxious weeds alongside the location and road in accordance with B.I.A. specifications.

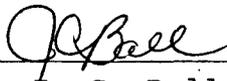
10. LITTER:

All litter will be contained in a trash cage and removed from the location at the end of drilling and completion activities. The area will be groomed and cleaned before removal of the cage.

11. BENCH MARKS:

A Bench Mark will be established near the well site, set in concrete with a brass cap showing the well number and the elevation of the site.

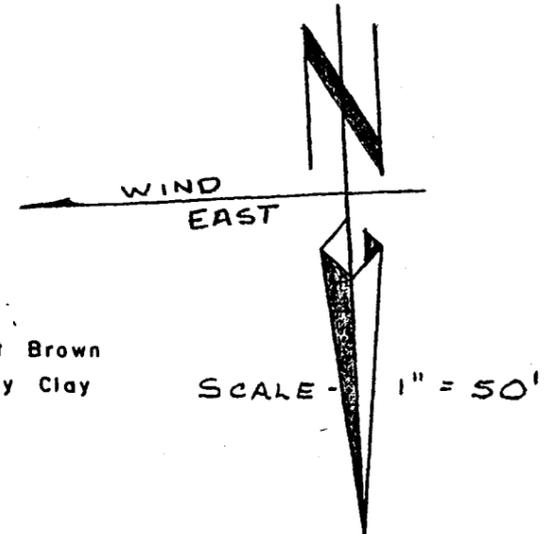
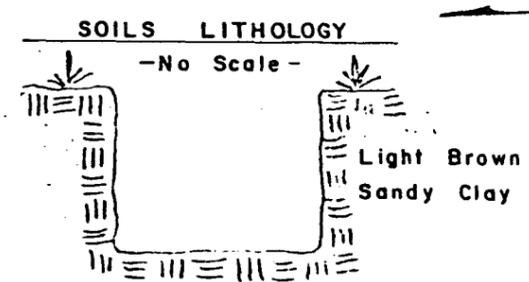
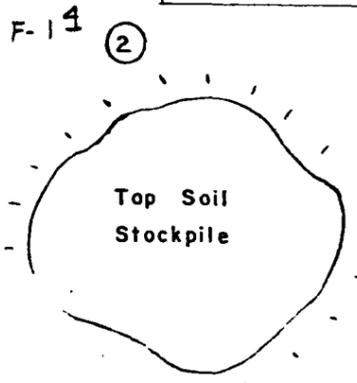
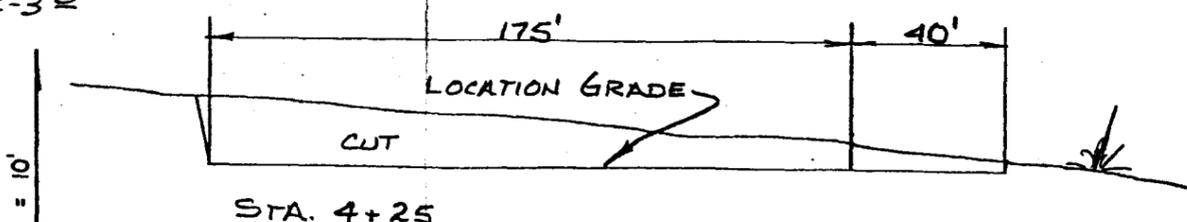
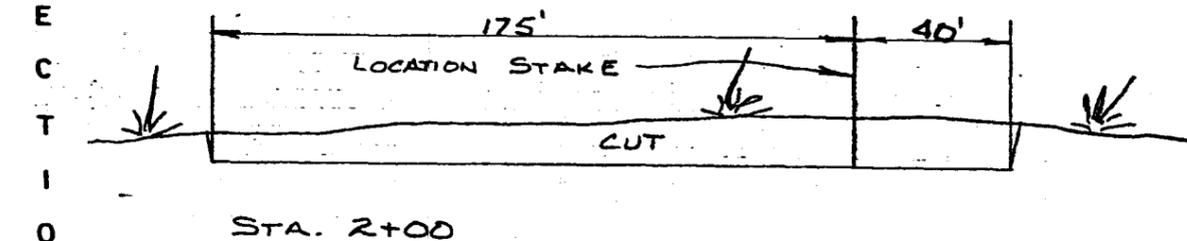
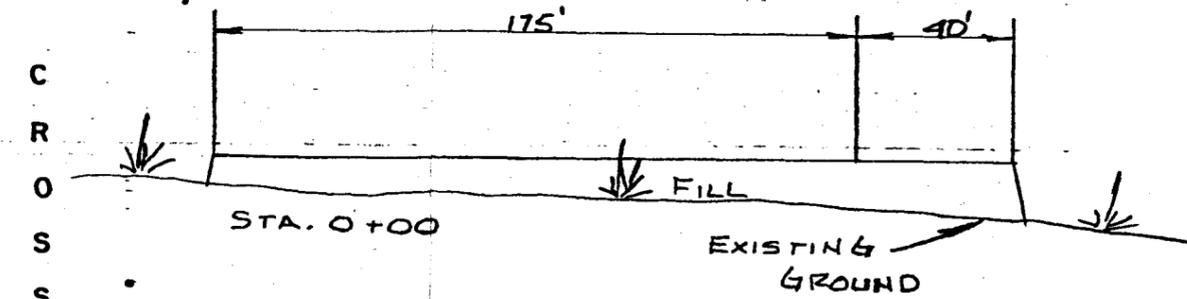
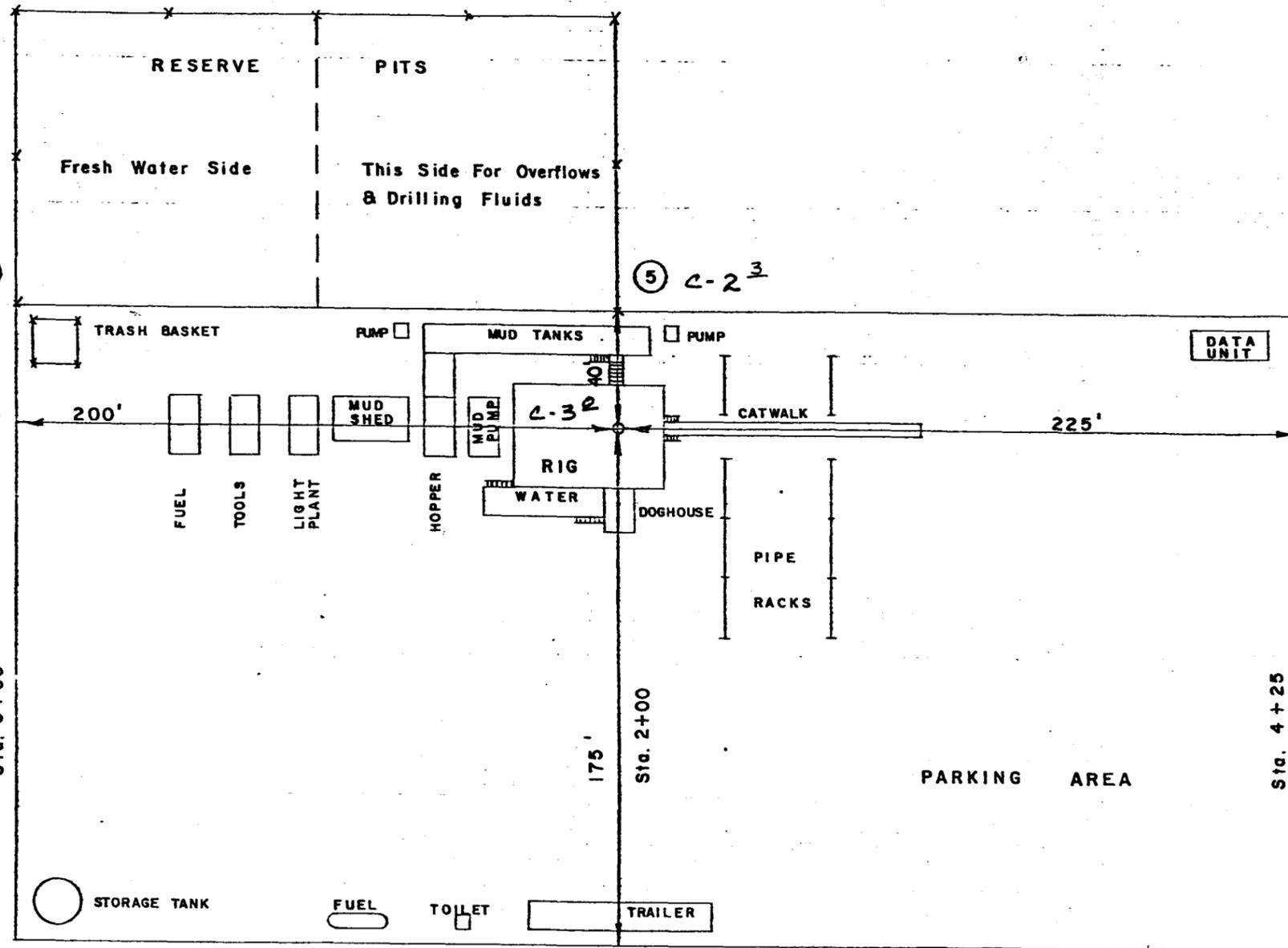
September 2, 1980
DATE



J. C. Ball
District Engineer

BELCO PETROLEUM CORP.

NORTH DUCK CREEK #39-30 GR



SCALES
1" = 50'

APPROXIMATE YARDAGES	
Cubic Yards Cut -	2,199
Cubic Yards Fill -	1,805

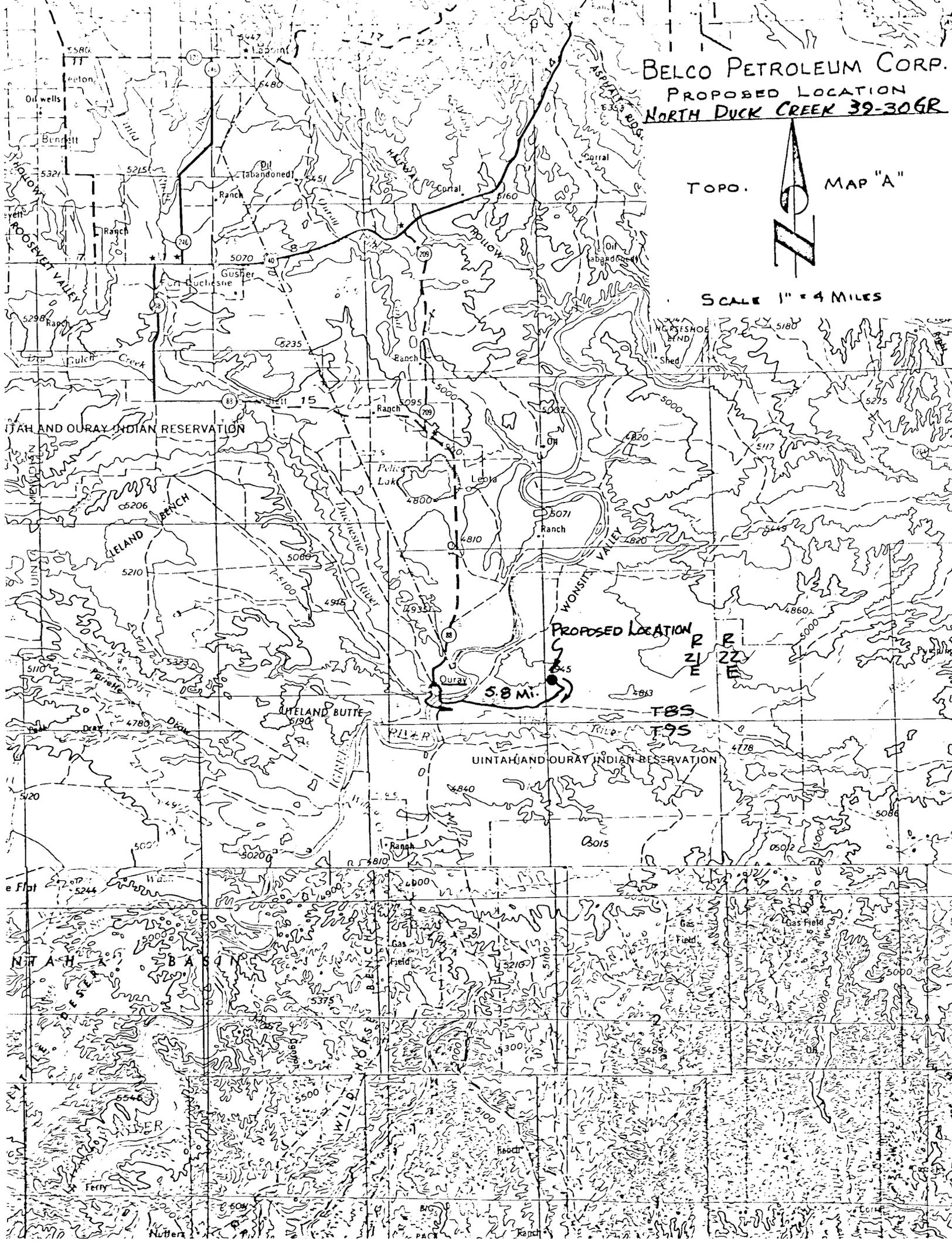
BELCO PETROLEUM CORP.

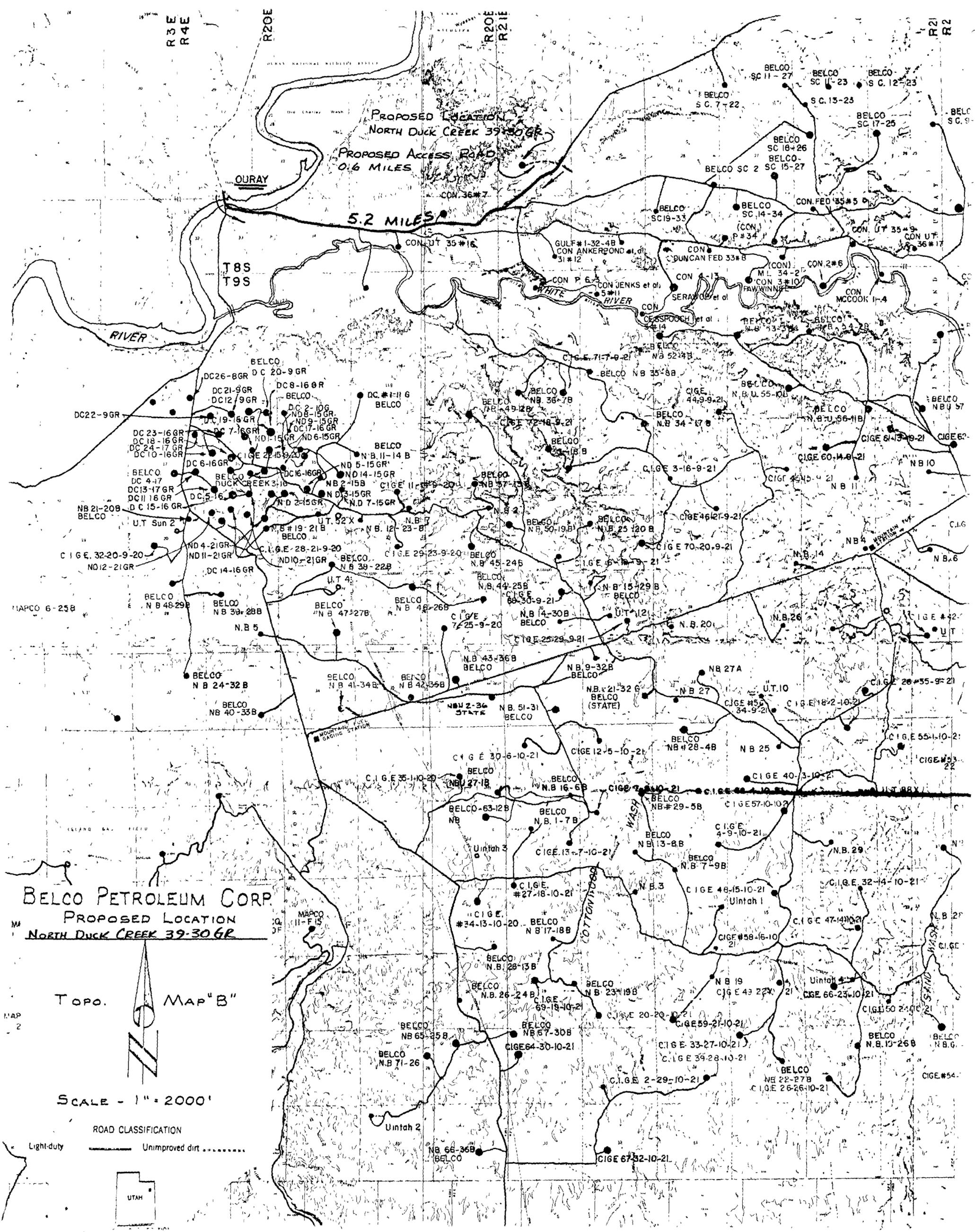
PROPOSED LOCATION NORTH DUCK CREEK 39-30GR

TOPO. MAP "A"



SCALE 1" = 4 MILES





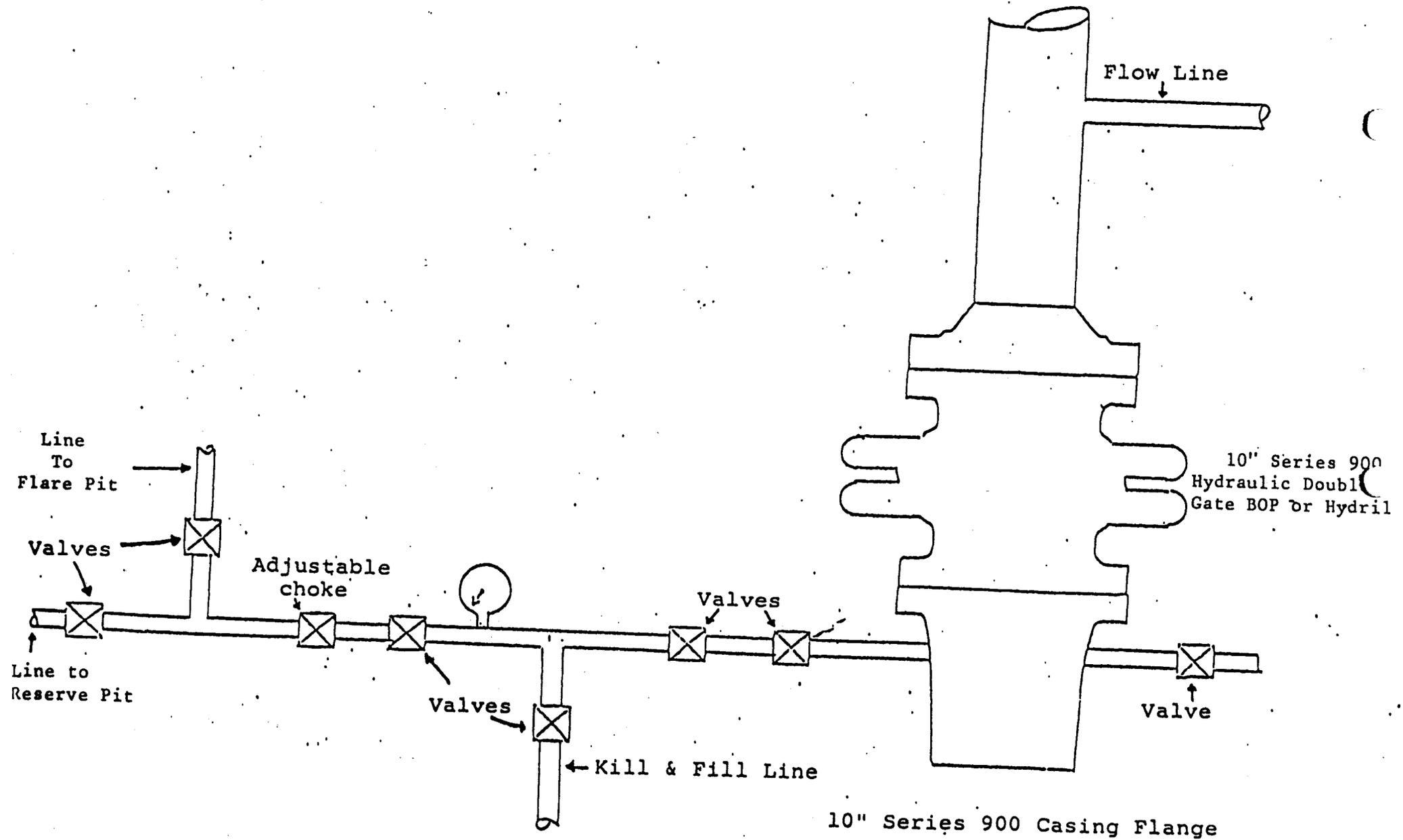
BELCO PETROLEUM CORP.
 PROPOSED LOCATION
 NORTH DUCK CREEK 39-30GR

TOPO. MAP "B"

SCALE - 1" = 2000'

ROAD CLASSIFICATION
 Light-duty ——— Unimproved dirt - - - - -





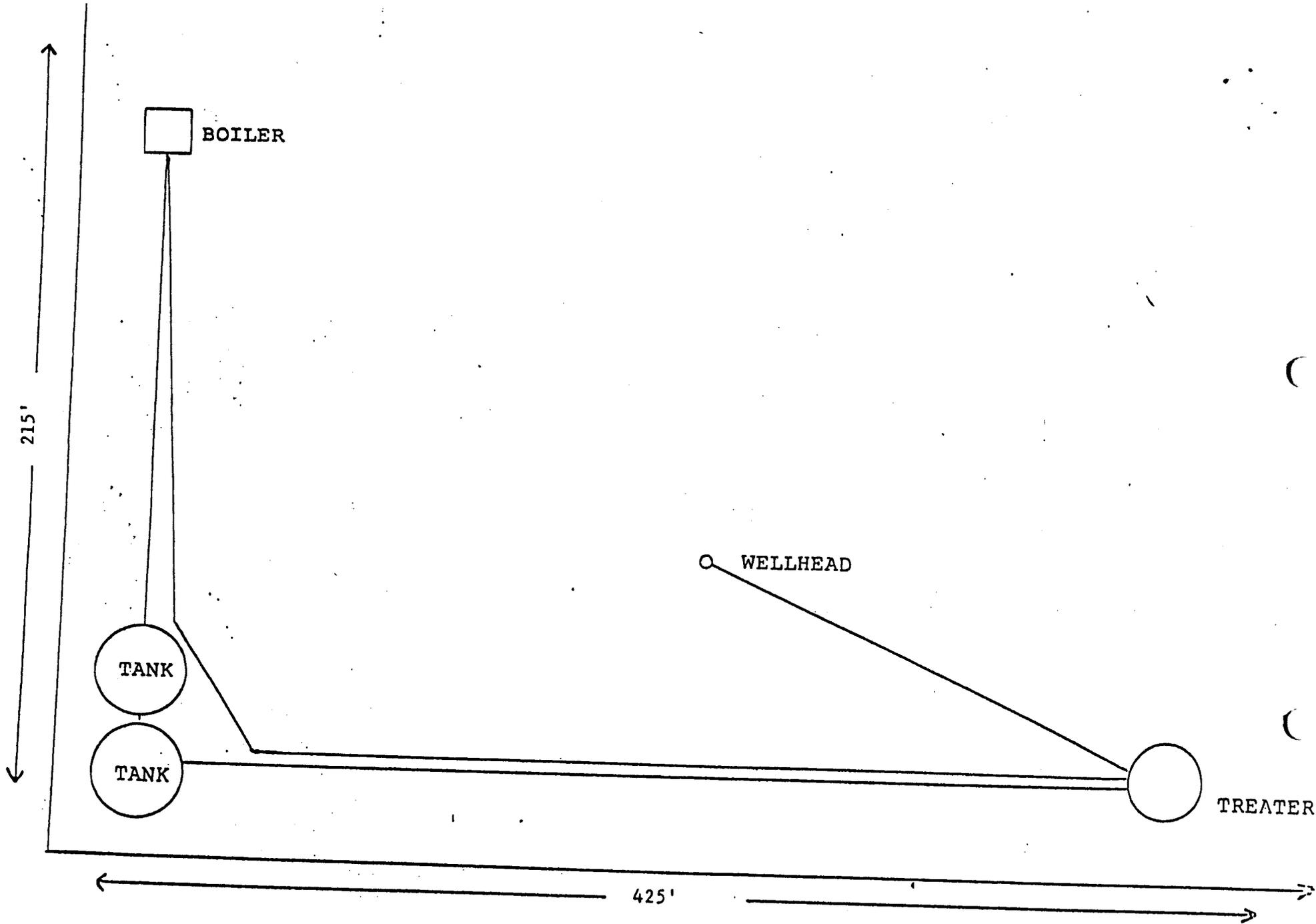


DIAGRAM "A"

PRODUCTION FACILITIES SCHEMATIC

** FILE NOTATIONS **

DATE: September 16, 1980
 OPERATOR: Belco Petroleum Corporation
 WELL NO: North Duck Creek # 39-30GR
 Location: Sec. 30 T. 8S R. 21E County: Uintah

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

API Number 43-047-30786

CHECKED BY:

Petroleum Engineer: M.J. Menden 9-24-80
Held for topo. exception (Call J. Ball 9-19-80) approval
for Green River test only.

Director: _____

Administrative Aide: does not comply with spacing
rule - no provisions made for further exception in class
to 1/4/4

APPROVAL LETTER:

Bond Required: Survey Plat Required:
 Order No. 173-2 4/23/79 O.K. Rule C-3

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

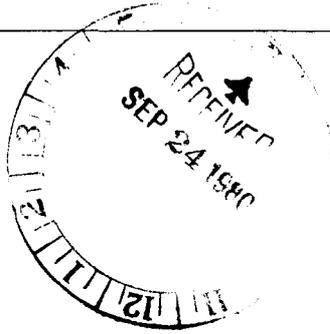
Lease Designation Plotted on Map

Approval Letter Written WLM
 Hot Line P.I.

#2
 Green
 River test

Belco Petroleum Corporation

Belco



September 23, 1980

Mr. Mike Minder
State of Utah-Department of Natural Resources
Division of Oil, Gas and Mining
1588 West North Temple
Salt Lake City, Utah 84116

Re: Unorthodox Locations
North Duck Creek 38-30GR
North Duck Creek 39-30GR
Duck Creek 26-8GR

Dear Sir;

It is requested that the unorthodox locations for the subject wells be approved. The locations are unorthodox because the topography of the area is such that the wells cannot be drilled in a normal location. Belco has the Oil and Gas rights within 660' of the proposed locations. These locations are as follows:

<u>Well</u>	<u>Location</u>
North Duck Creek 38-30GR	844' FWL & 1993' FSL, Section 30 T8S, R21E, Uintah County, Utah
North Duck Creek 39-30GR	1799' FWL & 2169' FSL, Section 30 T8S, R21E, Uintah County, Utah
Duck Creek 26-8GR	865' FEL & 1860' FSL, Section 8 T9S, R20E

Attached are two topography maps showing the above locations.

Very truly yours,



J. C. Ball
District Engineer

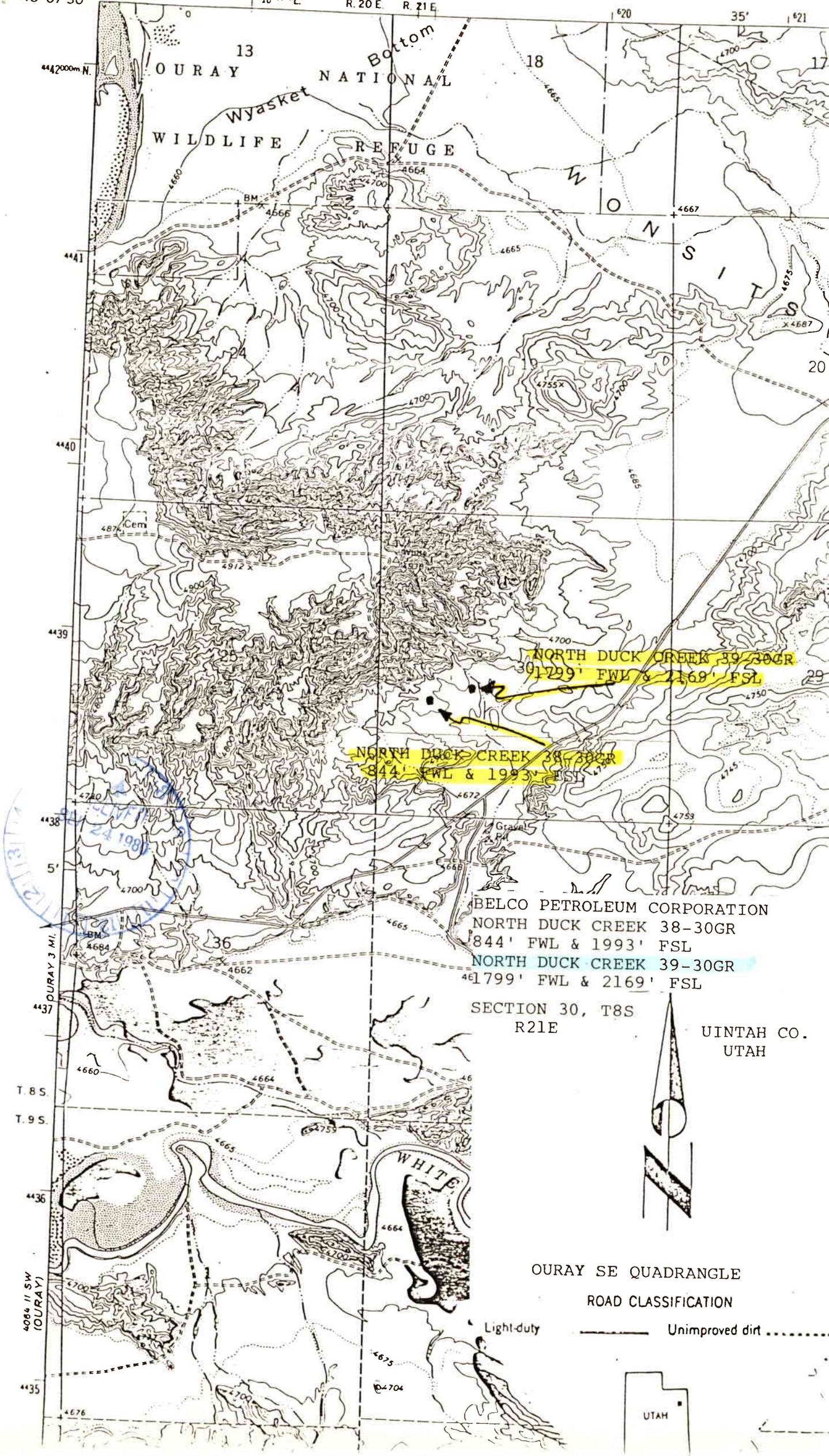
Attachments

xc: file

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

109°37'30"
40°07'30"

618000m E. R. 20 E. R. 21 E



OURAY NATIONAL WILDLIFE REFUGE
Wyasket Bottom

NORTH DUCK CREEK 39-30GR
1799' FWL & 2169' FSL

NORTH DUCK CREEK 38-30GR
844' FWL & 1993' FSL

BELCO PETROLEUM CORPORATION
NORTH DUCK CREEK 38-30GR
844' FWL & 1993' FSL
NORTH DUCK CREEK 39-30GR
1799' FWL & 2169' FSL

SECTION 30, T8S
R21E

UINTAH CO.
UTAH

OURAY SE QUADRANGLE

ROAD CLASSIFICATION

Light-duty ——— Unimproved dirt
UTAH

September 25, 1980

Belco Petroleum Corporation
P.O. Box X
Vernal, Utah 84078

Re: Well No. North Duck Creek #39-30GR
Sec. 30, T. 8S, R. 21E.,
Uintah County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil well on said unorthodox location is hereby granted in accordance with Rule C-3(c), General Rules and Regulations and Rules of Practice and Procedure. However, said approval is for a Green River test well only.

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

MICHAEL T. MINDER - Petroleum Engineer
Office: 533-5771
Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

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

The API number assigned to this well is 43-047-30786.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Minder
Petroleum Engineer

/btm
cc: USGS

December 16, 1981

Belco Petroleum Corporation
P. O. Box X
Vernal, Utah 84078

Re: See Attached

Gentlemen:

In reference to the above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan to drill these locations at a later date, please notify as such. as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS AND MINING


CARI FURSE
CLERK TYPIST

Well No. West Gusher St. #1-36U
Sec. 36, T. 5S, R. 19E
Uintah County, Utah

Well No. North Duck Creek 39-30 GR
Sec. 30, T. 8S, R. 21E.
Uintah County, Utah

Well No. Natural Duck 13-21GR
SEC. 21, T. 9S, R. 20E
Uintah County, Utah

Well No. Cottonwood Buttes 1-30GR
Sec. 30, T. 9S, R. 21E
Uintah County, Utah

Well No. Cottonwood Buttes 2-30GR
Sec. 30, T. 9s, R. 21E
Uintah County, Utah

Well No. Cottonwood Buttes 3-30GR
Sec. 30, T. 9S, R. 21E
Uintah County, Utah

Well No. Cottonwood Buttes #4-30GR
Sec. 30, T. 9S, R. 21E
Uintah County, Utah

Well No. Cottonwood Buttes 5-30GR
SEC. 30, T. 9S, R. 21E,
Uintah County, Utah

Well No. Cottonwood Buttes 6-30
Sec. 30, T. 9S, R. 21E
Uintah County, Utah

Well No. Chapita Wells Unit #53-33
Sec. 33, T. 9S, R. 23E
Uintah County, Utah

P.O. Box X
Vernal, Utah 84078
Telephone (801) 789-0790

Belco Development Corporation

Belco

RECEIVED
DEC 28 1981
DIVISION OF
OIL, GAS & MINING
L.A.

9 copies

December 21, 1981

State of Utah
Division of Oil, Gas and Mining
4241 State Office Building
Salt Lake City, Utah 84114

RE: Expired permits
See attached list

Attn: Ms Cari Furse

Belco does not intend at this time to drill any of the wells on the attached list. No work of any kind has been done on these locations. If at any future date it is desirable to drill any of these wells, a new form will be submitted.

Sincerely,

Kathy Knutson

Kathy Knutson
Engineering Clerk
Belco Development Corporation

cc: File file

*L.A.
put in file
move to P+A*

Well No. West Gusher St. #1-36U
Sec. 36, T. 5S, R. 19E
Uintah County, Utah

Well No. North Duck Creek 39-30 GR
Sec. 30, T. 8S, R. 21E.
Uintah County, Utah

Well No. Natural Duck 13-21GR
Sec. 21, T. 9S, R. 20E
Uintah County, Utah

Well No. Cottonwood Buttes 1-30GR
Sec. 30, T. 9S, R. 21E
Uintah County, Utah

Well No. Cottonwood Buttes 2-30GR
Sec. 30, T. 9S, R. 21E
Uintah County, Utah

Well No. Cottonwood Buttes 3-30GR
Sec. 30, T. 9S, R. 21E
Uintah County, Utah

Well No. Cottonwood Buttes #4-30GR
Sec. 30, T. 9S, R. 21E
Uintah County, Utah

Well No. Cottonwood Buttes 5-30GR
Sec. 30, T. 9S, R. 21E
Uintah County, Utah

Well No. Cottonwood Buttes 6-30
Sec. 30, T. 9S, R. 21E
Uintah County, Utah

Well No. Chapita Wells Unit #53-33
Sec. 33, T. 9S, R. 23E
Uintah County, Utah

RECEIVED
DEC 28 1981
DIVISION OF
OIL, GAS & MINING