

UTAH OIL AND GAS CONSERVATION COMMISSION

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

\* Location abandoned- well never drilled - 9-21-82

DATE FILED 9-18-80

LAND: FEE & PATENTED \_\_\_\_\_ STATE LEASE NO. \_\_\_\_\_ PUBLIC LEASE NO. U-13633 INDIAN \_\_\_\_\_

DRILLING APPROVED: 10-16-80 OW

SPOUDED IN: \_\_\_\_\_  
 COMPLETED: \_\_\_\_\_ PUT TO PRODUCING: \_\_\_\_\_

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

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

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

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

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

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

DATE ABANDONED: LA 9-20-82

FIELD: ~~UNDESIGNATED~~ 3/86 Natural Buttes

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

COUNTY: UINTAH

WELL NO. DUCK CREEK #27-9 GR API NO. 43-047-30793

LOCATION 1905' FT. FROM  (S) LINE. 660' FT. FROM  (W) LINE. NW 1/4 SW 1/4 1/4 - 1/4 SEC 9

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
9S	20E	9	BELCO PETROLEUM CORP.				

12

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  
 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 660' FWL & 1905' FSL NW<sup>1</sup>/<sub>4</sub>SW<sup>1</sup>/<sub>4</sub>  
 At proposed prod. zone SAME

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 APPROXIMATELY 3 MILES SOUTH OF OURAY

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

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

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 4733 Natural G.L. *Green River*

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# K-55	200'	200 sx class "G" cement
8 3/4"	5 1/2"	17# K-55	5347'	200' over uppermost hydrocarbon zone

5. LEASE DESIGNATION AND SERIAL NO.  
 U-13633  
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 Surface - Ute Tribe  
 7. UNIT AGREEMENT NAME  
 8. FARM OR LEASE NAME  
 Duck Creek  
 9. WELL NO.  
 27-9GR  
 10. FIELD AND POOL, OR WILDCAT  
~~Unleased~~  
 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Section 9, T9S, R20E  
 12. COUNTY OR PARISH  
 Uintah  
 13. STATE  
 Utah  
 17. NO. OF ACRES ASSIGNED TO THIS WELL  
 40 acres  
 20. ROTARY OR CABLE TOOLS  
 Rotary  
 22. APPROX. DATE WORK WILL START\*  
 January, 1980

SEE ATTACHMENTS FOR :

- 10 POINT PROGRAM
- 13 POINT SURFACE USE PLAN WITH ADDITIONAL PROVISIONS REQUIRED BY THE BIA
- LOCATION PLAT
- LOCATION LAYOUT
- TOPO MAPS "A" & "B"
- BOP DESIGN
- PRODUCTION FACILITIES SCHEMATIC

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING  
 DATE: 10-8-80  
 BY: M. J. Minder



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. C. Ball TITLE DISTRICT ENGINEER DATE SEPTEMBER 16, 1980  
 (This space for Federal or State office use)

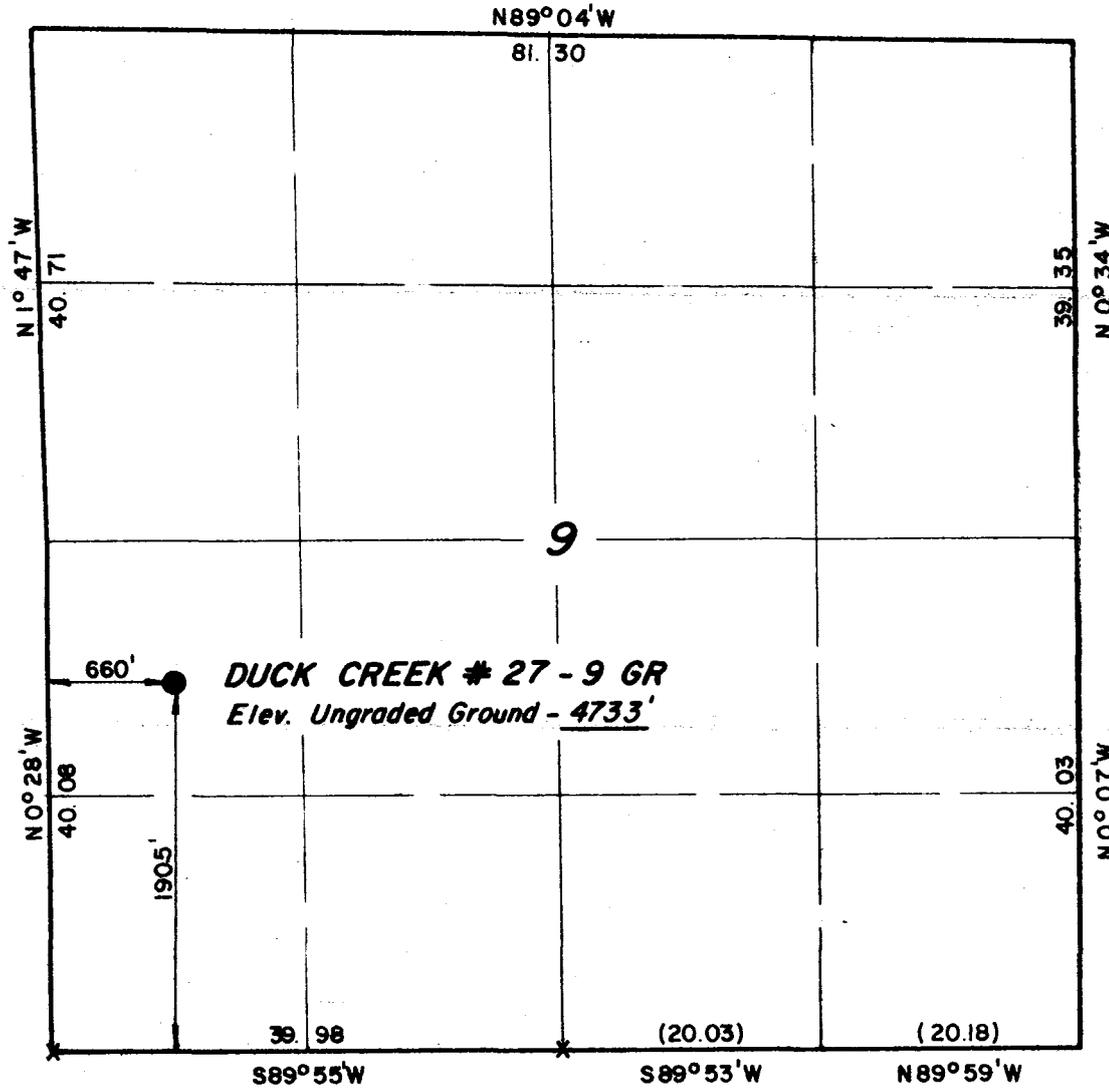
PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

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

T 9 S , R 2 0 E , S . L . B . & M .

PROJECT  
**BELCO PETROLEUM CORP.**

Well location, *DUCK CREEK #27-9GR*,  
 located as shown in the NW 1/4 SW 1/4  
 Section 9, T9S, R20E, S.L.B.&M.  
 Uintah County, Utah.



CERTIFICATE

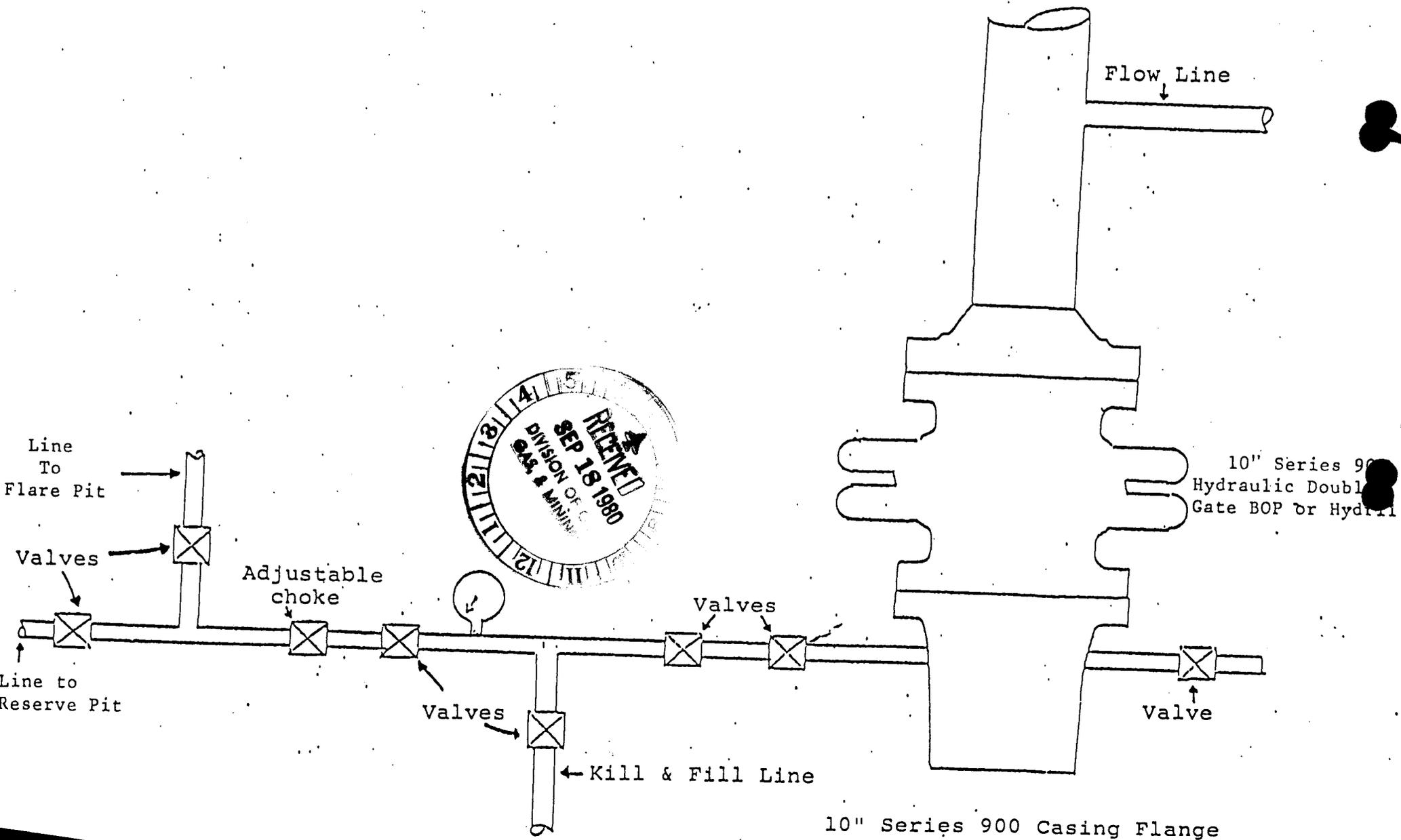
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM  
 FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY  
 SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE  
 BEST OF MY KNOWLEDGE AND BELIEF.

*[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	9/9/80
PARTY	DA DK LT TJ RP	REFERENCES	GLO Plat
WEATHER	Clear / Hot	FILE	BELCO

X = Section Corners Located



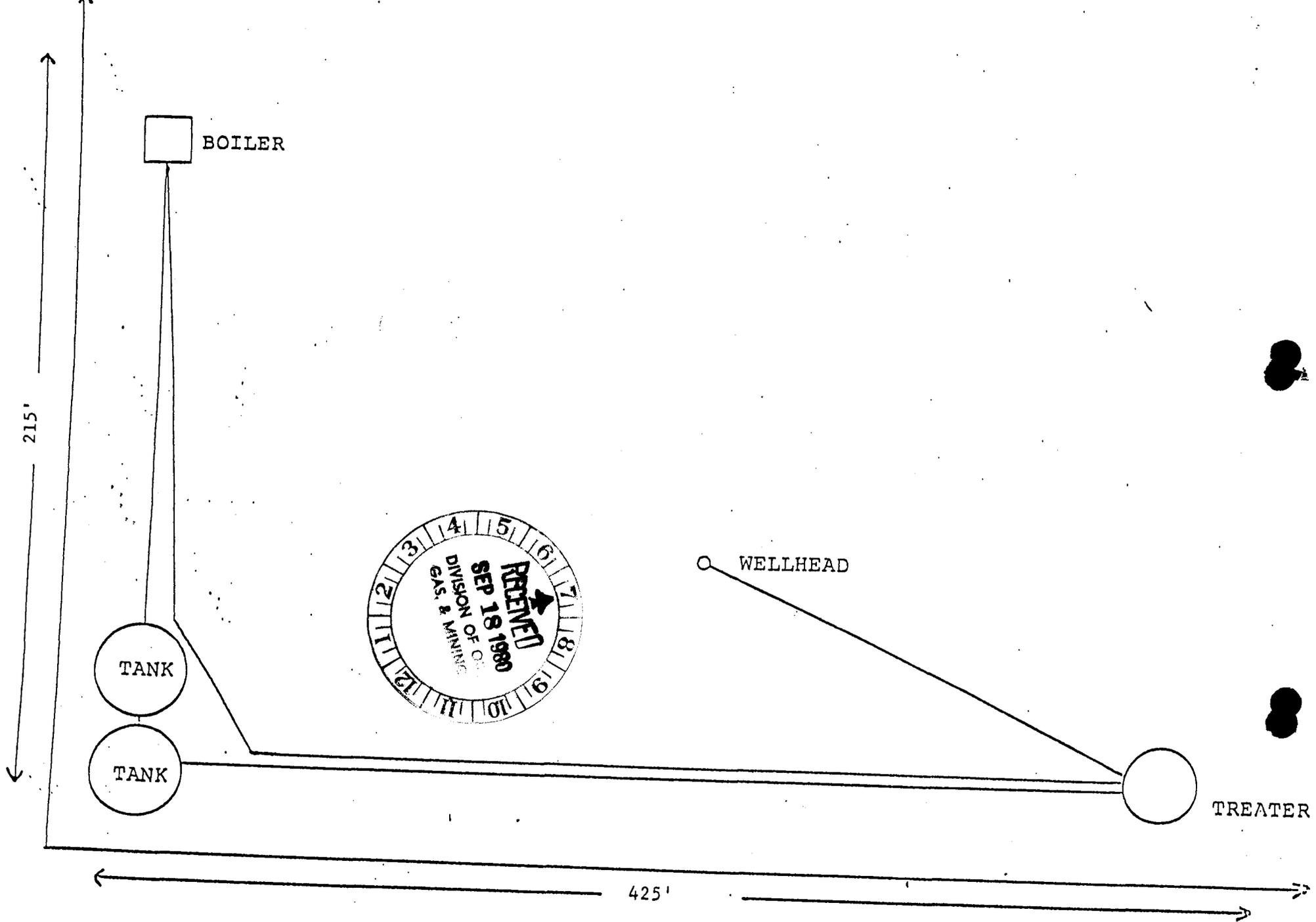


DIAGRAM "A"

PRODUCTION FACILITIES SCHEMATIC

10 POINT PROGRAM  
DUCK CREEK 27-9GR



1. The geological name for the surface formation is the Uinta Formation of the Upper Eocene Age.
2. The estimated tops of important geological markers with depths calculated from an estimated KB elevation of 4742' are as follows:

Green River	1880'	
J zone	4100'	(Approx.)
Total Depth	5347'	
3. It is anticipated that the Green River formation may contain oil.
4. The proposed casing program for completion of this well will consist of 5 1/2" 17 # new K-55 casing; 200' of 9 5/8" 36# new K-55 surface casing will be run.
5. The operators minimum specifications for pressure control equipment are as follows:

10", 3000 PSI hydraulic doublegate BOP. Pressure tests of BOP to 1000# will be made prior to drilling surface plug and on each trip for bit.
6. It is proposed that the hole will be drilled to the top of the J zone of the Green River formation with 3% KCL water as necessary in order to clean the hole. From the top of the J zone to Total Depth it is planned to drill the well with mud. The mud system will be a water based, gel-chemical weighted to 10.5 ppg, or as necessary for gas control.
7. Auxiliary equipment to be used will be a 2", 3000 PSI choke manifold and kill line, kelly cock, stabbing valve and visual mud monitoring.
8. No coring or drill stem testing has been scheduled for this well. The logging will consist of DIL, CNL, FDC and Gamma Ray with caliper.
9. It is not anticipated that abnormal pressures or temperatures will be encountered nor that any other abnormal hazards such as H<sub>2</sub>S gas will be encountered in this area.
10. It is anticipated that this well will be commenced approximately  
JANUARY, 1981 and that the operations will last two weeks.

13 POINT SURFACE USE PLAN

DUCK CREEK 27-9GR



1. EXISTING ROADS

- A. For the location of the proposed well and the existing roads, see the attached Topographic Maps "A" and "B". The proposed well is located approximately 3 miles South of Ouray Utah.
- B. The proposed location is approximately 3 miles South of Ouray, Utah. To reach the location, take the county road approximately 3 miles South of Ouray. The well location and proposed access route are located in Section 9 Township 9S, and Range 20E
- C. The proposed route is outlined on Topographic Map "B".
- D. See Topographic Map "B".
- E. Not applicable.
- F. Access to the well site will be over existing county roads. The proposed access road will be crowned and ditched so as to accommodate rig traffic. See Topo Map "B" for details of the access road.

2. PLANNED ACCESS ROADS

See attached Topographic Map "B".

The planned access road (total length) will be approximately 1056' feet in length and will comply with the general specifications as outlined.

- (1) The proposed access road will be a 32 foot crown road usable 16 feet on 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 weather conditions that are prevalent to this area.
- (2) The maximum grade of the proposed access road will be 4 %, but will not exceed this amount.
- (3) No turnouts are planned for the length of the proposed access road, so that additional cut disturbance on the proposed access can be kept to a minimum. Line of sight vision is such that turnouts are not necessary.
- (4) Drainage design of the proposed access road will avoid unnecessary disturbance of natural runoff patterns. Drainage will be implemented so as not to cause siltation or accumulation of debris.
- (5) Surfacing material shall be the native borrow material from the cut areas and will be used to stabilize the road surface and location. No other material for construction is anticipated.
- (6) No fences will be crossed in order to access the proposed location; no cattle guard will be needed.

- (7) The road has been center-line flagged for the full distance of the proposed route.

3. LOCATION OF EXISTING WELLS -(Within a one mile radius of this location)

- (1) Water Wells- None
- (2) Abandoned Wells - None
- (3) Temporarily abandoned Wells - None
- (4) Disposal Wells-None
- (5) Drilling Wells - None
- (6) Producing Wells- one Duck Creek 7-16
- (7) Shut in Wells - one, Duck Creek 2-10.
- (8) Injection Wells-None
- (9) Monitoring Wells - None

4. LOCATION OF EXISTING AND PROPOSED FACILITIES

- A. Existing production facilities located within one mile of the proposed well are:

- (1) Tank batteries - none
- (2) Production facilities - the facilities on the location pad of DC 7-16.
- (3) Oil gathering lines-none
- (4) Gas gathering lines-none
- (5) There are no injection lines in the area.
- (6) There are no disposal lines in the area.

There are no known gas lines in the immediate area at this time.

- B. The attached diagram "A" shows the proposed production facilities that will be utilized in the event this well produces oil. All production facilities will be kept on the pad.

Construction materials will be native borrow or cut exposed on the site, and will be consistent with accepted oil field standards and good engineering practices.

A three strand barbed wire fence will be constructed and maintained around any disposal pits during the drilling and completion phase of the well. When these pits are no longer needed or within 90 days, they will be covered over with native borrow material and rehabilitated to conform with the provisions of the rehabilitation agreement of BIA standards.

Guard rails will be constructed around the wellhead to prevent access to livestock or wildlife

Rehabilitation of the pits is discussed above. The remaining pad not used for producing operations will be recontoured to conform with the natural grade and covered with topsoil saved on the site. This area will be reseeded as per BIA specifications.

5. LOCATION AND TYPE OF WATER SUPPLY

- A. Water to be used to drill this well will be hauled by truck from the White River. Access point for the water will be near the White River bridge in Section 4, T9S, R20E, Uintah County, Utah. Permit for this water will be purchased from the Bureau of Indian Affairs, prior to the drilling operations.
- B. Water will be hauled by truck (Liquid Transport of Duchesne, PSC # 1969) on the above described access route. See access route on Topo Map "B". No new roads or pipelines will be needed for this purpose.
- C. No water well will be drilled.

6. SOURCE OF CONSTRUCTION MATERIALS

- A. All construction materials for this location site and access road shall be native borrow rock and soil accumulated during the construction. No additional road gravel or pit lining materials are anticipated at this time, but if they are required, appropriate action will be taken to acquire them from private sources after notification is given to the proper regulatory agencies.
- B. Items described in part "A" are from BIA regulated lands.
- C. See part "A".
- D. No other access roads are required other than described in Item 2.

7. METHODS OF HANDLING WASTE DISPOSAL

- A. Drill cuttings, drilling fluids, salts, chemicals and produced fluids will be disposed of in the reserve pit on the location pad.
- B. See "A" above for disposal of drilling fluids.
- C. See "A" above for disposal of produced water.
- D. A portable chemical toilet will be provided for human waste during the drilling phase.
- E. Garbage and other waste materials will be contained in a wire mesh cage and then disposed of in an approved waste disposal facility.

- F. Immediate after the drilling rig moves off the location, the remaining trash and garbage will be collected, and hauled away by truck. The reserve pit will be fenced on the open side to protect domestic animals and wildlife. This pit will be utilized during the completion and testing phase of the well for storage of produced fluids.

8. ANCILLARY FACILITIES

No airstrips or camps are planned for this well.

9. WELL SITE LAYOUT

See attached Location Layout sheet which shows the following items:

- A. Cross section of the pad showing details of the cuts and fills.
- B. Location of the reserve pits, pipe racks, living facilities and topsoil stockpile and excess "cut" stockpile.
- C. Rig orientation, parking areas and access road.
- D. Pits will be lined to conserve water and will be fenced on the fourth side at the completion of operations. Proper NTL-2B notices will be filed if well produces water.

10. PLANS FOR RESTORATION OF SURFACE

In the event of a dry hole, pits will be allowed to dry and will then be backfilled and waste pits will be back filled. The location will be restored to as near the original contour as feasible and then reseeded.

- (1) Upon completion of the testing phase of the well, the areas not needed for access to the well and used for producing operations shall be filled and recontoured to blend with the surrounding topography and the stockpiled soil redistributed over the unused disturbed area. After final plugging and abandonment of the well, the entire disturbed area will be contoured and topsoil spread over any previously disturbed area.
- (2) The revegetation of the drill site area and access not needed to carry on production operations will be reseeded with a seed mixture recommended by the BIA. It will be performed at a time of the year when the moisture content of the soil is adequate for germination. The Lessee agrees that all of the clean up and restoration activities shall be done in a diligent and timely manner and in conformity with the above mentioned items 7 and 10 (1).
- (3) All pits will be fenced prior to disposal of any waste material and the open side of the reserve pit will be fenced before removing the rig from location. The fences will be maintained in good condition until Item (1) is started.
- (4) Any oil or condensate on any temporary pit will be removed in a timely manner. Overhead flagging or netting will be

installed on any sump pit used to handle well fluids during the producing life of the well.

- (5) Restoration activities shall begin within 90 days after the completion of the well. Once completion activities have begun, they shall be completed within 30 days. All wellhead and surface equipment will be painted to blend with the environment, according to BIA specifications.

11. OTHER INFORMATION

Topography of the general area is relatively flat rolling terrain consisting of clay and stabilized sand dunes.

Vegetation in the area consists of four-wing saltbrush, tumbleweed, cotton horn horsebrush, spiny hop sage, curly grass, matchweed, greasewood, and a sparse population of Indian ricegrass.

Wildlife consists of reptiles, small rodents and birds.

Livestock grazing and mineral exploration are the only surface use activities in the area. All lands involved with this location are controlled by the BIA.

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. J. C. Ball, District Engineer, P. O. Box X, Vernal, Utah 84078, telephone 1-801-789-0790.

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 Petroleum Corporation, it's contractors and sub-contractors in conformity with this Plan and the terms and conditions under which it is approved.

DATE 9-16-80

J. C. Ball  
 J. C. Ball  
 District Engineer



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

WELL NAME: Duck Creek 27-9

LOCATION: Section 9, T9S, R20E  
UINTAH COUNTY, UTAH

1. FIREARMS:

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

3. FIREWOOD:

Employees of Belco Petroleum Corporation, it's 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 rerouted 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 WATERS:

No produced water is anticipated. However, if water is produced, Belco Petroleum Corporation will comply will all requirements of NTL-2B.

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 IDENTIFICATION  
FIREARMS ARE PROHIBITED  
THIS LAND IS OWNED BY THE UINTAH  
AND OURAY INDIAN RESERVATION  
PERMITS TO CUT FIREWOOD MUST BE OBTAINED  
FROM THE BIA FORESTRY SECTION PRIOR TO  
CUTTING OR GATHERING ANY WOOD ALONG THIS ROAD.

7. RIGHTS OF WAYS:

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

8. PERMITS FOR WATER OR EARTH FILL:

Water for this operation will be obtained from the White River, near the White River bridge in Section 4, T9S, R20E. Permit for water will be purchased before the drilling operations commence.

9. WEED CONTROL:

Belco Petroleum Corporation will initiate a plan for controlling noxious weeds alongside the location and road in accordance with BIA 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.

DATE: 9-16-80

  
\_\_\_\_\_  
J. C. BALL  
DISTRICT ENGINEER



BELCO PETROLEUM CORP.

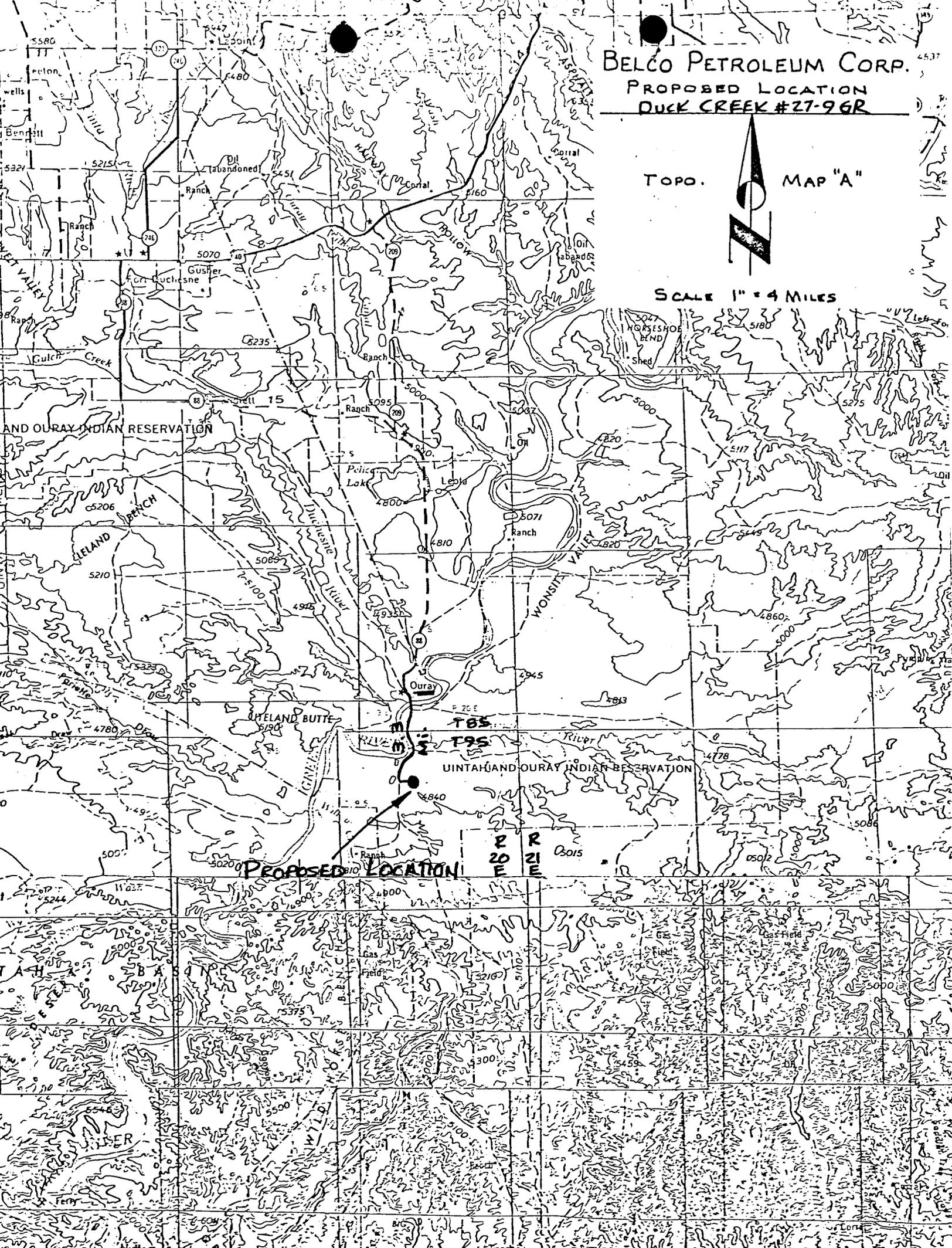
PROPOSED LOCATION  
DUCK CREEK #27-96R

TOPO.

MAP "A"



SCALE 1" = 4 MILES



PROPOSED LOCATION

R 20 E  
R 21 E

UINTEAH AND OURAY INDIAN RESERVATION

UINTEAH AND OURAY INDIAN RESERVATION

UINTEAH

SNAKE RIVER

WEST VALLEY

WONSITE VALLEY

HORSESHOE BEND

UINTEAH BUTTE

Ouray

5071 Ranch

Police Lake

ISLAND BENCH

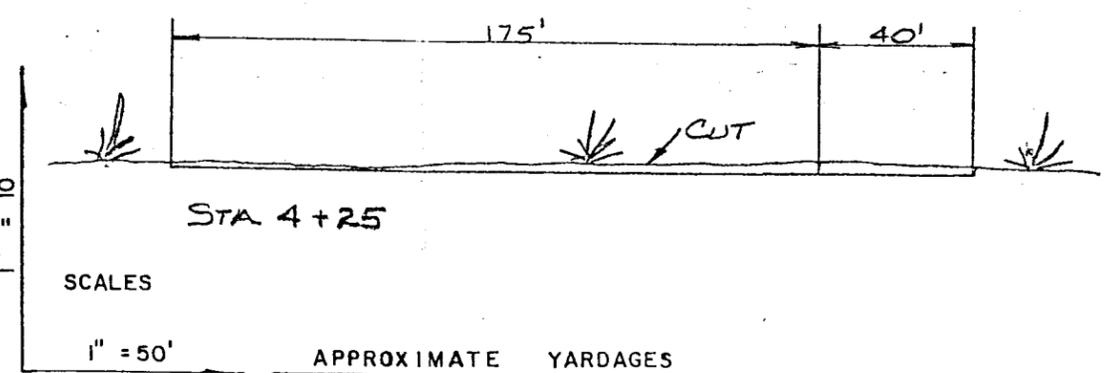
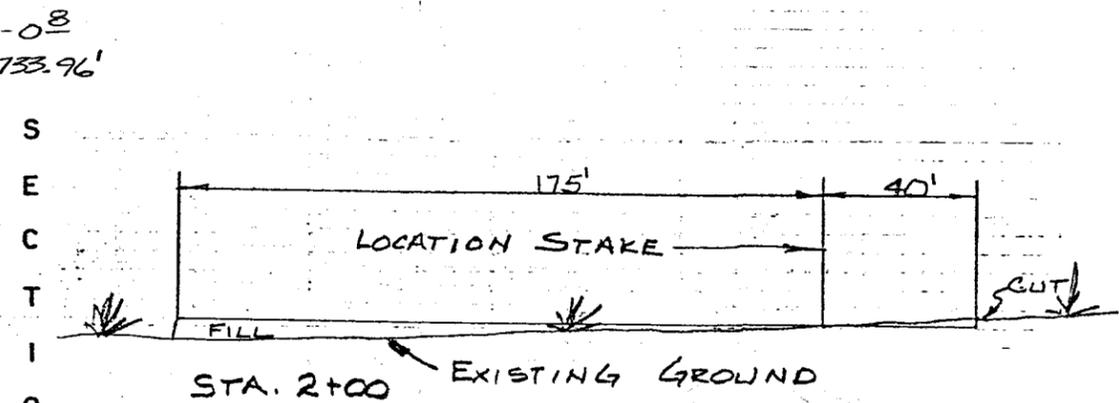
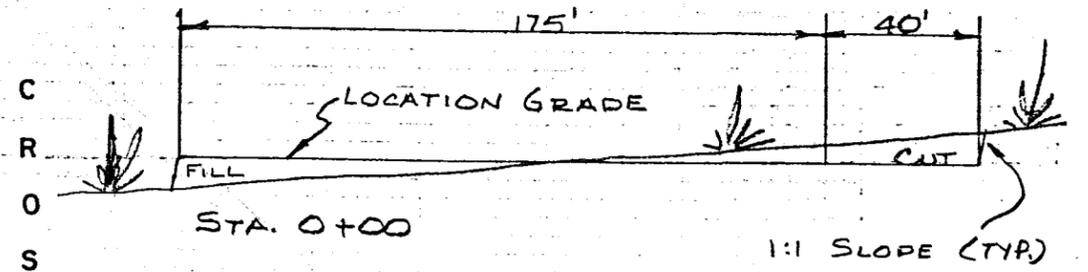
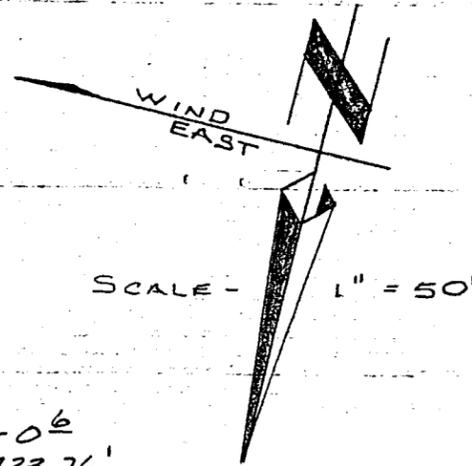
Ben Hill

Le Point

Abandoned Ranch

# BELCO PETROLEUM CORP.

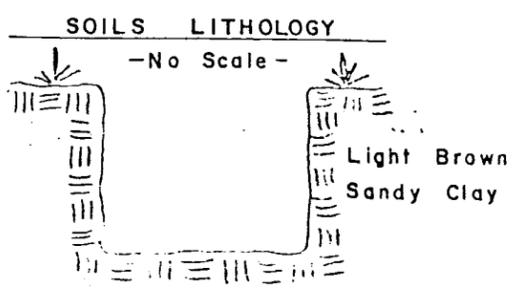
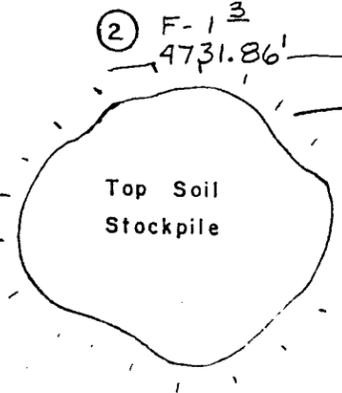
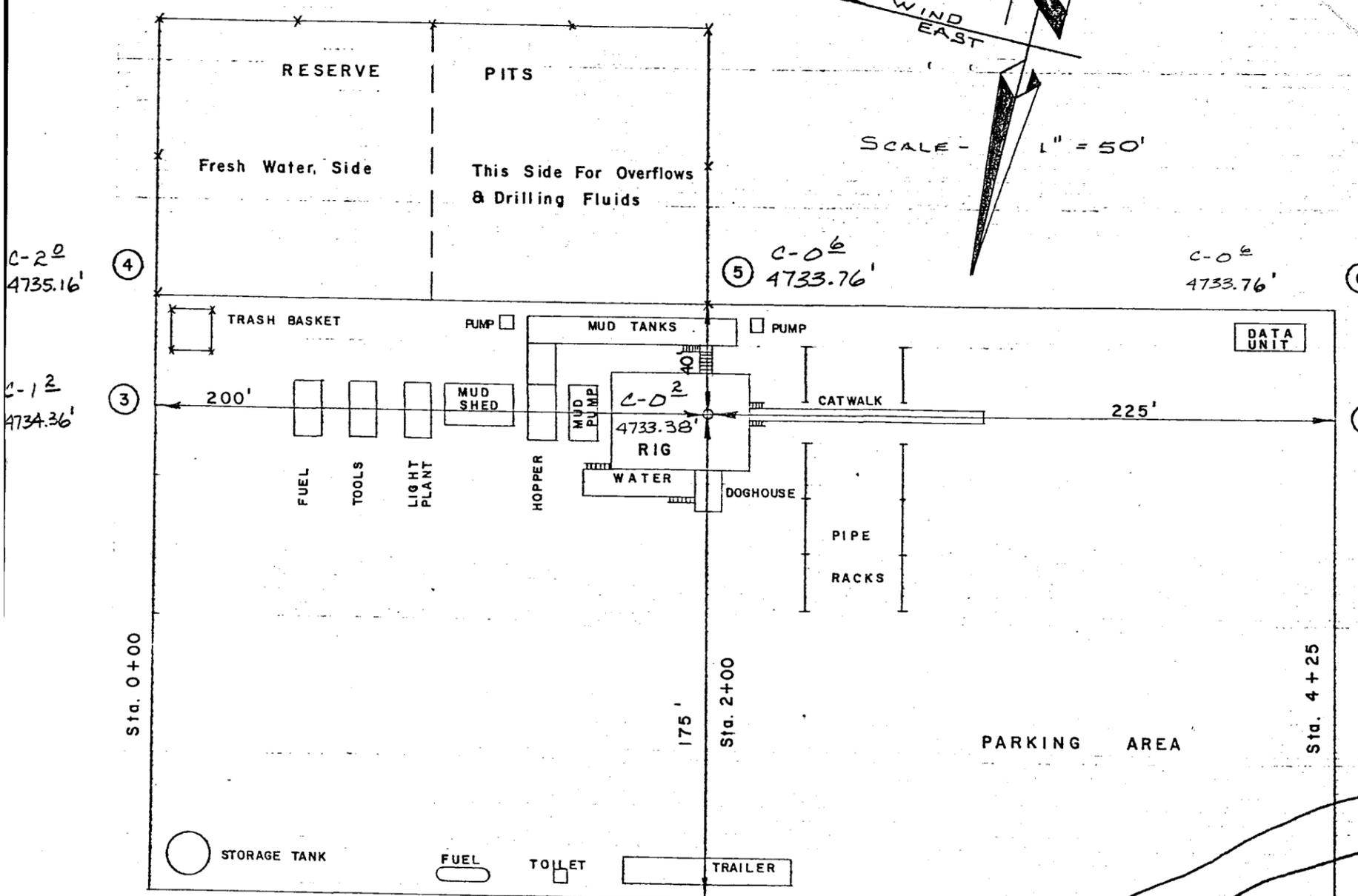
DUCK CREEK #27-9 GR



SCALES  
1" = 50' APPROXIMATE YARDAGES

Cubic Yards Cut - 1,088

Cubic Yards Fill - 843





\*\* FILE NOTATIONS \*\*

DATE: September 29, 1980  
OPERATOR: Bulco Petroleum Corporation  
WELL NO: Duck Creek #27-96R  
Location: Sec. 9 T. 8S R. 20E County: Uintah

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

API Number 43-047-30793

CHECKED BY:

Petroleum Engineer: M. J. Minder 10-8-80

Director: \_\_\_\_\_

Administrative Aide: C-3 R on oil well spacing

APPROVAL LETTER:

Bond Required:  Survey Plat Required:

Order No. \_\_\_\_\_ 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 Sec Plotted on Map

Approval Letter Written

Hot Line  P.I.

October 16, 1980

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

Re: Well No. Duck Creek 27-9GR  
Sec. 9, T. 9S, R. 20E,  
Uintah County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure.

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

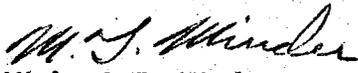
Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

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 43-047-30793.

Sincerely,

DIVISION OF OIL, GAS, AND MINING

  
Michael T. Minder,  
Petroleum Engineer

/ka  
cc: USGS

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  
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SINGLE ZONE  MULTIPLE ZONE

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4733 Natural G.L.

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NEED TO PROTECT  
FRESH WATER AND  
OIL SHALE

SEE ATTACHMENTS FOR :

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RECEIVED

MAR 13 1981

DIVISION OF  
OIL, GAS & MINING

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. C. Ball TITLE DISTRICT ENGINEER DATE SEPTEMBER 16, 1980

(This space for Federal or State office use)

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

APPROVED BY W. T. Martin FOR E. W. GUYNN DATE MAR 12 1981  
 TITLE DISTRICT ENGINEER

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED  
TO OPERATOR'S COPY

\*See Instructions on Reverse Side

FLARING OR VENTING OF  
GAS IS SUBJECT TO NTL 4-A  
DATED 1/1/80

State Oil & Gas Production Facilities and Flowline NOT Approved

United States Department of the Interior  
Geological Survey  
2000 Administration Bldg.  
1745 West 1700 South  
Salt Lake City, Utah 84104

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator Belco Petroleum Corporation  
Project Type Oil well in Duck Creek development feild.  
Project Location 660' FWL 1905' FSL Sec. 9, T. 9S, R. 20E  
Well No. 27-9 GR Lease No. U-13633  
Date Project Submitted September 18, 1980

FIELD INSPECTION

Date October 2, 1980

Field Inspection  
Participants

- Craig Hansen - USGS, Vernal
- Dale Hanburg - BIA Fort Duchesne
- Rick Schatz - Belco Petroleum
- Bud Pease - Dirt Contractor
- \_\_\_\_\_
- \_\_\_\_\_

Related Environmental Documents: \_\_\_\_\_

I have reviewed the proposal in accordance with the categorical exclusion review guidelines. This proposal would not involve any significant effects and, therefore, does not represent an exception to the categorical exclusions.

October 9, 1980  
Date Prepared

[Signature]  
Environmental Scientist

I concur  
11/28/80  
Date

[Signature]  
District Supervisor

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

Criteria	Federal/State Agency			Local and private correspondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
	Correspondence (date)	Phone check (date)	Meeting (date)						
516 DM 2.3.A									
Public health and safety	11-20-80						2	10-2-80 1, 2, 6	
Unique characteristics							2	1, 2, 6	
Environmentally controversial							2	1, 2, 6	
Uncertain and unknown risks						2	2	1, 2, 6	
Establishes precedents								1, 2, 6	
Cumulatively significant								1, 2, 6	
National Register historic places	1							1, 2, 6	
Endangered/threatened species	1							1, 2, 6	
Violate Federal, State, local, tribal law	1							1, 2, 6	

CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

1. Surface Management Agency Input
2. Reviews Reports, or information received from Geological Survey  
(Conservation Division, Geological Division, Water Resource Division,  
Topographic Division)
3. Lease Stipulations/Terms
4. Application Permit to Drill
5. Operator Correspondence
6. Field Observation
7. Private Rehabilitation Agreement



*Belco #279  
Looking East*

RECOMMENDED STIPULATIONS FOR BELCO #27-9

1. Adhere to basic stipulations by BIA on file in Salt Lake City Office.
2. Paint production facilities a color to blend in with the natural surroundings.



UINTAH AND OURAY AGENCY  
ENVIRONMENTAL IMPACT ANALYSIS

1. PROPOSED ACTION: Belco Petroleum Corp. proposes to drill an Oil well (27-9GR) to, a proposed depth of 5347 feet; to construct approximately 0.2 (~~1.000~~, miles) of new access road; and up-grade approximately 0 (feet, miles) of existing access road.
2. LOCATION AND NATURAL SETTING: The proposed wellsite is located approximately 3 miles south of Ouray, Utah in the NW $\frac{1}{4}$ SW $\frac{1}{4}$ , Sec. 9 T. 9S., R. 20E., SLB&M meridian. This area is used for livestock grazing and wildlife habitat.  
The topography is rolling hills.  
The vegetation consist of galletta grass, prickly pear, rabbit brush.  
Wildlife habitat for: X Deer X Antelope Elk Bear X Small Mammals  
X Birds Endangered species Other reptiles and insects
3. EFFECTS ON ENVIRONMENT BY PROPOSED ACTION:
  - A. Soil will be disturbed and vegetation will be removed on approximately 3.3 acres of land.
  - B. Dust and exhaust emissions will affect air quality.
  - C. Scenic and asthetic qualities will be affected.
4. ALTERNATIVES TO THE PROPOSED ACTION: None which are practical
5. ADVERSE EFFECTS THAT CANNOT BE AVOIDED:  
None of the adverse affects listed in item #3 above can be avoided in a practical manner.
6. DETERMINATION: This request action (~~does~~) (does not) constitute a major Federal action significantly affecting the quality of the human environment as to require the preparation of an environmental impact statement under Section 102 (2)(c) of the National Environmental Policy Act of 1969 (42 U.S.C. s 4332 (2)(c)).

REPRESENTATIVE:

Craig Hansen - USGS  
Rick Schatz - Belco  
Bud Pease - Pease Const. Co.

COPY TO:

USGS, P.O. BOX 1037, Vernal, Utah 84078  
USGS, Dist, Engr., Cons. Div., 8426 Federal Building., Salt Lake City, Utah 84138

*[Signature]*  
BIA Representative 11-17-80 Date

Lease #. U-13633

Well #. 27-9GR

Memorandum

To: USGS District Engineer

From: Surface Managing Agency

Subject: Belco Petroleum Corp., well 27-9GR

in the NW $\frac{1}{4}$ SW $\frac{1}{4}$ , Sec. 9, T9S., R20E., S1B&M.

We (concur with or, recommend) approval of the Application for Permit to Drill the subject well.

Based on available information on 10-02-80, we have cleared the proposed location in the following areas of environmental impact:

Yes  No  Listed threatened or endangered species

Yes  No  Critical wildlife habitat

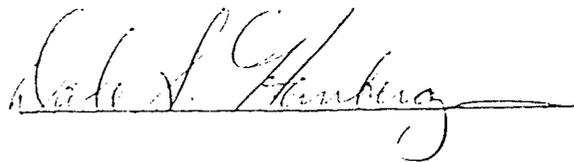
Yes  No  Historical or cultural resources

Yes  No  Air quality aspects (to be used only if project is in or adjacent to a Class I area of attainment)

Yes  No  Other (if necessary)

Remarks: \_\_\_\_\_  
\_\_\_\_\_

The necessary surface protection and rehabilitation requirements are enclosed.



Enclosure

FROM: : DISTRICT GEOLOGIST, SALT LAKE CITY, UTAH

TO: : DISTRICT ENGINEER, O&G, SALT LAKE CITY, UTAH

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. U-13633

OPERATOR: Belco Petroleum

WELL NO. 27-96R

LOCATION: C NW 1/4 SW 1/4 sec. 9, T. 9S, R. 20E, SLM

Uintah County, Utah

1. Stratigraphy:

Uintah	surface
Green River	1880'
<u>TD</u>	<u>5347'</u>

2. Fresh Water:

Fresh water possible throughout Uintah Fm.  
Useable water may occur in Green River to TD.

3. Leasable Minerals:

Oil Shale in the Green River Fm.

Mahogany zone occurs at 2735' and is ~90' thick.

Pods of saline minerals may occur within an 800' rock interval immediately above the Mahogany zone.

Prospectively valuable for gilsonite. Several mapped veins occur in the area.

4. Additional Logs Needed:

Adequate

5. Potential Geologic Hazards:

None expected

6. References and Remarks:

Signature:

Gregory W. Wood

Date:

10-3-80



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

CHARLES R. HENDERSON  
Chairman

CLEON B. FEIGHT  
Director

JOHN L. BELL  
C. RAY JUVELIN  
THADIS W. BOX  
MAXILIAN A. FARBMAN  
EDWARD T. BECK  
E. STEELE McINTYRE

April 3, 1981

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

Re: SEE ATTACHED SHEET

Gentlemen:

In reference to aboved mentioned wells, considerable time has gone by since approval was obtained form this office.

This office has not recieved 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 we do not hear from your company-within fifteen (15) days, we will assume you do not intend to drill these wells and action will be taken to terminate the application.) If you plan on drilling these location at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND, MINING

SANDY BATES  
CLERK-TYPIST

ATTACHED SHEET

1. Well No. Chapita Wells #50-32  
Sec. 32, T. 9S. R. 23E.  
Uintah County, Utah

2. Well No. Chapita Wells #51-32  
Sec. 32, T. 9S. R. 23E.  
Uintah County, Utah

3. Well No. Chapita Wells #54-34  
Sec. 34, T. 9S. R. 23E.  
Uintah County, Utah

4. Well No. Chapita Wells #55-20  
Sec. 20, T. 9S. R. 23E.  
Uintah County, Utah

5. Well No. Chapita Wells #57-29  
Sec. 29, T. 9S. R. 23E.  
Uintah County, Utah

6. Well No. Duck Creek #19-16GR  
Sec. 16, T. 9S. R. 20E.  
Uintah County, Utah

7. Well No. Duck Creek #21-9  
Sec. 9, T. 9S. R. 20E.  
Uintah County, Utah

8. Well No. Duck Creek #22-9GR  
Sec. 9, T. 9S. R. 20E.  
Uintah County, Utah

9. Well No. Duck Creek #23-16GR  
Sec. 16, T. 9S. R. 20E.  
Uintah County, Utah

10. Well No. Duck Creek #25-17GR  
Sec. 17, T. 9S. R. 20E.  
Uintah County, Utah

11. Well No. Duck Creek #26-8GR  
Sec. 8, T. 9S. R. 20E.  
Uintah County, Utah

12. Well No. Duck Creek #27-9GR  
Sec. 9, T. 9S. R. 20E.  
Uintah County, Utah

13. Well No. Duck Creek #28-9GR  
Sec. 9, T. 9S. R. 20E.  
Uintah County, Utah

14. Well No. Duck Creek #29-9GR  
Sec. 9, T. 9S. R. 20E.  
Uintah County, Utah

15. Well No. Duck Creek 30-9GR  
Sec. 9, T. 9S. R. 29E.  
Uintah County, Utah

16. Well No. Duck Creek #34-17GR  
Sec. 17, T. 9S. R. 20E.  
Uintah County, Utah

17. Well No. Natural Duck #12-21GR  
Sec. 21, T. 9S. R. 20E.  
Uintah County, Utah

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

19. Well No. North Duck Creek 38-30GR  
Sec. 30, T. 8S. R. 21E.  
Uintah County, Utah

20. Well No. Stagecoach 16-26  
Sec. 26, T. 8S. R. 21E.  
Uintah County, Utah

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil well  gas well  other

2. NAME OF OPERATOR  
BELCO DEVELOPMENT CORPORATION

3. ADDRESS OF OPERATOR  
P.O. BOX X, VERNAL, UTAH 84078

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 660' FWL & 1905' FSL (NW/SW)  
AT TOP PROD. INTERVAL: Same  
AT TOTAL DEPTH:

5. LEASE  
U-13633

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
UTE TRIBE SURFACE

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
DUCK CREEK

9. WELL NO.  
27-9GR

10. FIELD OR WILDCAT NAME

11. SEC., T., R., M. OR BLK AND SURVEY OR AREA  
SEC 9, R 20 E

12. COUNTY OR PARISH  
UINTAH

13. STATE  
UTAH

14. NO.

15. (WD)

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:      SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF      

FRACTURE TREAT      

SHOOT OR ACIDIZE      

REPAIR WELL      

PULL OR ALTER CASING      

MULTIPLE COMPLETE      

CHANGE ZONES      

ABANDON\*      

(other)  EXTENSION OF APD APPROVAL

**RECEIVED**  
MAY 1982  
DIVISION OF  
OIL, GAS & MINING

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.)\*

This is to request that the approval to drill extended beyond the current expiration date of 12/22/82.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct  
SIGNED Kathy Knutson TITLE ENGINEER CLERK DATE FEBRUARY 2 1982

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

\*See Instructions on Reverse Side



STATE OF UTAH  
NATURAL RESOURCES & ENERGY  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

September 15, 1982

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

Re: See attached sheet

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.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

*Cari Furse*

Cari Furse  
Clerk Typist

CF/cf

Well No. Breenan Bottoms #3-14  
Sec. 14, T. 7S, R. 20E.  
Uintah County, Utah

Well No. Duck Creek 22-9 GR  
Sec. 9, T. 9S, R. 20E.  
Uintah County, Utah

Well No. Duck Creek #27-9 GR  
Sec. 9, T. 9S, R. 20E.  
Uintah County, Utah

Well No. Duck Creek #28-9 GR  
Sec. 9, T. 9S, R. 20E.  
Uintah County, Utah

Well No. Duck Creek #29-9 GR  
Sec. 9, T. 9S, R. 20E.  
Uintah County, Utah

Well No. Duck Creek #30-9 GR  
Sec. 9, T. 9S, R. 20E.  
Uintah County, Utah

Well No. Duck Creek #52-16  
Sec. 16, T. 9S, R. 20E.  
Uintah County, Utah

Well No. Duck Creek #34-17 GR  
Sec. 17, T. 9S, R. 20E.  
Uintah County, Utah

Well No. Natural Buttes #7-19 GR  
Sec. 19, T. 9S, R. 21E.  
Uintah County, Utah

Well No. Natural Buttes Unit #201-20  
Sec. 20, T. 9S, R. 21E.  
Uintah County, Utah

Well No. Chapita Wells #220-10  
Sec. 10, T. 9S, R. 22E.  
Uintah County, Utah

Well No. Chapita Wells #203-16MV  
Sec. 16, T. 9S, R. 22E.  
Uintah County, Utah

Well No. Natural Buttes Unit #211-20  
Sec. 20, T. 9S, R. 22E.  
Uintah County, Utah

Well No. Chapita Wells #217-23  
Sec. 23, T. 9S, R. 22E.  
Uintah County, Utah

Well No. Chapita Wells #60-18  
Sec. 18, T. 9S, R. 23E.  
Uintah County, Utah

**Belco Development Corporation**

**Belco**

DIVISION OF  
OIL, GAS & MINING

September 21, 1982

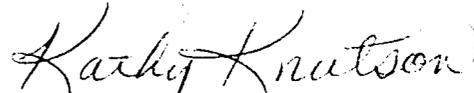
State of Utah  
Division of Oil, Gas & Mining  
4241 State Office Building  
Salt Lake City, Utah 84114

SUBJECT: See attached sheet

Attn: Ms Cari Furse - Clerk Typist

Attached is the list of wells you submitted to us with your letters of September 15, 1982 requesting current status. Some of these wells are relatively new ones which it is our intent to drill or we have already spudded and notified your office of such. I hope the notes made on the attached sheet will help you clear up these pending applications. Any further questions should be addressed to this office.

Sincerely,



Kathy Knutson  
Engineering Clerk

/kk  
attachments

cc: File

ATTACHED SHEET

1. Well No. Chapita Wells #50-32  
Sec. 32, T. 9S. R. 23E.  
Uintah County, Utah  
~~TERMINATE 5-29-81~~

2. Well No. Chapita Wells #51-32  
Sec. 32, T. 9S. R. 23E.  
Uintah County, Utah  
~~TERMINATE 5-29-81~~

3. Well No. Chapita Wells #54-34  
Sec. 34, T. 9S. R. 23E.  
Uintah County, Utah  
~~USGS APPROVED UNTIL 9-16-81~~

4. Well No. Chapita Wells #55-20  
Sec. 20, T. 9S. R. 23E.  
Uintah County, Utah  
~~USGS APPROVED UNTIL 10-23-81~~

5. Well No. Chapita Wells #57-29  
Sec. 29, T. 9S. R. 23E.  
Uintah County, Utah  
~~USGS APPROVED UNTIL 10-23-81~~

6. Well No. Duck Creek #19-16GR  
Sec. 16, T. 9S. R. 20E.  
Uintah County, Utah  
~~TERMINATE 4-24-81~~

7. Well No. Duck Creek #21-9  
Sec. 9, T. 9S. R. 20E.  
Uintah County, Utah  
~~TERMINATE 4-24-81~~

8. Well No. Duck Creek #22-9GR  
Sec. 9, T. 9S. R. 20E.  
Uintah County, Utah  
~~USGS APPROVED UNTIL 11-3-81~~

9. Well No. Duck Creek #23-16GR  
Sec. 16, T. 9S. R. 20E.  
Uintah County, Utah  
~~USGS APPROVED UNTIL 11-3-81~~

10. Well No. Duck Creek #25-17GR  
Sec. 17, T. 9S. R. 20E.  
Uintah County, Utah  
~~USGS APPROVED UNTIL 11-12-81~~

11. Well No. Duck Creek #26-8GR  
Sec. 8, T. 9S. R. 20E.  
Uintah County, Utah  
~~USGS APPROVED UNTIL 10-22-80~~

12. Well No. Duck Creek #27-9GR  
Sec. 9, T. 9S. R. 20E.  
Uintah County, Utah  
~~USGS APPROVED UNTIL 3-12-82~~

13. Well No. Duck Creek #28-9GR  
Sec. 9, T. 9S. R. 20E.  
Uintah County, Utah  
~~USGS APPROVED UNTIL 3-12-82~~

14. Well No. Duck Creek #29-9GR  
Sec. 9, T. 9S. R. 20E.  
Uintah County, Utah  
~~USGS APPROVED UNTIL 3-12-82~~

15. Well No. Duck Creek 30-9GR  
Sec. 9, T. 9S. R. 29E.  
Uintah County, Utah  
~~USGS APPROVED UNTIL 3-12-82~~

16. Well No. Duck Creek #34-17GR  
Sec. 17, T. 9S. R. 20E.  
Uintah County, Utah  
~~USGS APPROVED UNTIL 9-19-80~~

17. Well No. Natural Duck #12-21GR  
Sec. 21, T. 9S. R. 20E.  
Uintah County, Utah  
SPUDED 4-3-81

18. Well No. Natural Duck #13-21GR  
Sec. 21, T. 9S. R. 20E.  
Uintah County, Utah  
USGS APPROVAL SHOULD ARRIVE THIS WEEK

19. Well No. North Duck Creek 38-30GR  
Sec. 30, T. 8S. R. 21E.  
Uintah County, Utah  
~~USGS APPROVED UNTIL 11-3-81~~

20. Well No. Stagecoach 16-26  
Sec. 26, T. 8S. R. 21E.  
Uintah County, Utah  
TERMINATED 10-7-80

- \*\* Well No. Breenan Bottoms #3-14  
Sec. 14, T. 7S, R. 20E.  
Uintah County, Utah
- \* Well No. Duck Creek 22-9 GR  
Sec. 9, T. 9S, R. 20E.  
Uintah County, Utah
- (\*) Well No. Duck Creek #27-9 GR  
Sec. 9, T. 9S, R. 20E.  
Uintah County, Utah

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- \* Well No. Duck Creek #28-9 GR  
Sec. 9, T. 9S, R. 20E.  
Uintah County, Utah
- \* Well No. Duck Creek #29-9 GR  
Sec. 9, T. 9S, R. 20E.  
Uintah County, Utah
- \* Well No. Duck Creek #30-9 GR  
Sec. 9, T. 9S, R. 20E.  
Uintah County, Utah
- \* Well No. Duck Creek #52-16  
Sec. 16, T. 9S, R. 20E.  
Uintah County, Utah
- \*\* Well No. Duck Creek #34-17 GR  
Sec. 17, T. 9S, R. 20E.  
Uintah County, Utah
- \*\* Well No. Natural Buttes #7-19 GR  
Sec. 19, T. 9S, R. 21E.  
Uintah County, Utah
- \*\* Well No. Natural Buttes Unit #201-20  
Sec. 20, T. 9S, R. 21E.  
Uintah County, Utah
- \*\* Well No. Chapita Wells #220-10  
Sec. 10, T. 9S, R. 22E.  
Uintah County, Utah
- \*\* Well No. Chapita Wells #203-16MV  
Sec. 16, T. 9S, R. 22E.  
Uintah County, Utah
- \*\* Well No. Natural Buttes Unit #211-20  
Sec. 20, T. 9S, R. 22E.  
Uintah County, Utah

- ++ Well No. Chapita Wells #217-23  
Sec. 23, T. 9S, R. 22E.  
Uintah County, Utah
- \* Well No. Chapita Wells #60-18  
Sec. 18, T. 9S, R. 23E.  
Uintah County, Utah

KEY

- (\*) Permits have expired, do not intend to drill these wells.
- \*\* Federal Permits on these wells do not expire until after the first of 1983. Possible drilling at a later date.
- ++ This well is scheduled for drilling later this year. Your office will be notified upon spudding of this well.

RECEIVED

APR 06 1983

DIVISION OF  
OIL, GAS & MINING

Oil and Gas Operations  
2000 Administration Building  
1745 West 1700 South  
Salt Lake City, Utah 84104

April 4, 1983

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

Re: Rescind Applications for Permit  
to Drill  
Wells No. 27-9 GR, 28-9 GR,  
29-9 GR, and 30-9 GR  
Section 9, T. 9 S., R. 20 E.  
Uintah County, Utah  
Lease U-13633

Gentlemen:

The Applications for Permit to Drill the referenced wells were approved March 3, 1982. Since that date no known activity has transpired at the approved locations. Under District policy, applications for permit to drill are effective for a period of one year. In view of the foregoing, this office is rescinding the approvals of the referenced applications without prejudice. If you intend to drill at these locations at a future date, new applications for permit to drill must be submitted.

This office requires a letter confirming that no surface disturbance has been made for these drill sites. Any surface disturbance associated with the approved locations of the wells will be rehabilitated. A schedule for this rehabilitation must then be submitted to this office. Your cooperation in this matter is appreciated.

Sincerely,

(ORIG. SGD.) W. P. MARTENS  
Drilling Unit Supervisor

 E. W. Guynn  
District Oil and Gas Supervisor

bcc: Well File  
SMA  
State O&G ✓  
State BLM  
APD Control  
Vernal or Durango

WPM/kr