

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 - 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

SPUDED IN: _____
COMPLETED: _____ PUT TO PRODUCING: _____

INITIAL PRODUCTION: _____

GRAVITY A.P.I. _____

GOR: _____

PRODUCING ZONES: _____

TOTAL DEPTH: _____

WELL ELEVATION: _____

DATE ABANDONED: LA 9-21-82

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

UNIT: _____

COUNTY: UINTAH

WELL NO. DUCK CREEK #30-9 GR

API NO. 43-047-30794

LOCATION 1980' FT. FROM (E) (S) LINE. X

660' FT. FROM (E) (W) LINE. X

NE 1/4 SE 1/4

1/4 - 1/4 SEC. 9

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
				<u>9S</u>	<u>20E</u>	<u>9</u>	<u>BELCO PETROLEUM CORP.</u>

9

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 1980' FSL & 660' FEL NE 1/4 SE 1/4
 At proposed prod. zone SAME

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 Approx. 4 miles South East of Ouray, Utah

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

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
 5377' *Green River*

20. ROTARY OR CABLE TOOLS
 Rotary

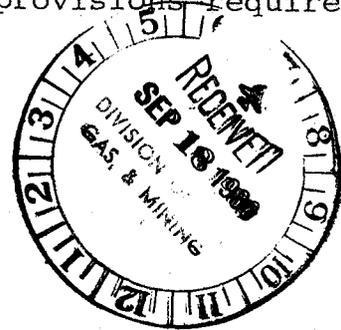
21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 4740' Natural G.L.

22. APPROX. DATE WORK WILL START*
 December, 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# K-55	200'	200 sx "G" cement
8 3/4"	5 1/2"	17# K-55	5377'	to cover 200' above upper-most hydrocarbon zone

SEE ATTACHMENTS FOR:
 10 Point Program
 13 Point Surface Use Plan with additional provisions required by BIA.
 Location Plat
 Location Layout
 TOPO Maps "A" & "B"
 BOP Design
 Production Facilities schematic



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 Sept. 17, 1980
 (This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

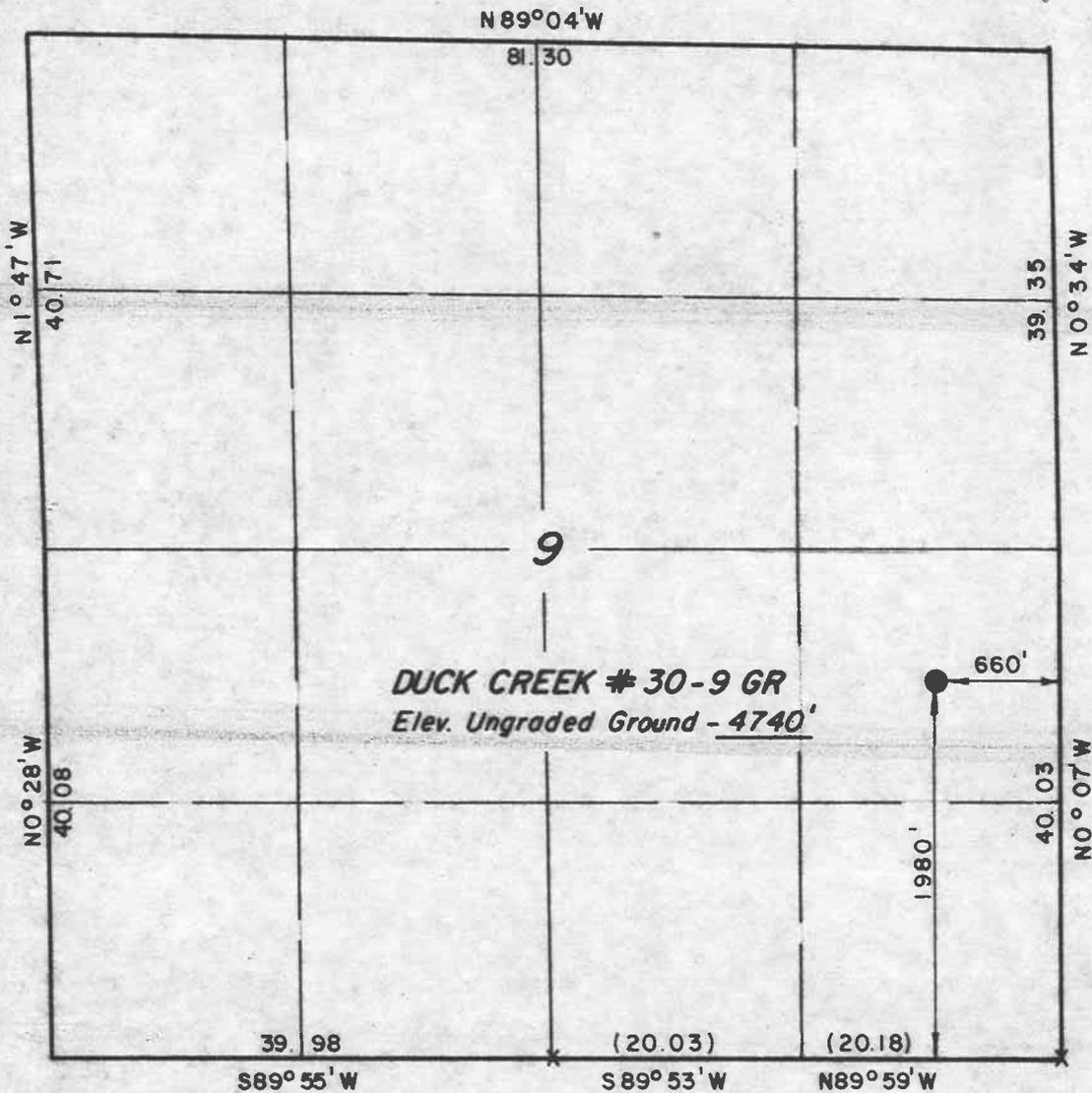
APPROVED BY THE DIVISION OF OIL, GAS, AND MINING
 DATE: 10-8-80
 BY: M. J. Minder

*See Instructions On Reverse Side

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

PROJECT
BELCO PETROLEUM CORP.

Well location, *DUCK CREEK #30-9GR*,
 located as shown in the NE 1/4 SE 1/4
 Section 9, T9S, R20E, 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.

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

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

SCALE	1" = 1000'	DATE	9/10/80
PARTY	DA DK RP	REFERENCES	GLO Plat
WEATHER	Fair	FILE	BELCO

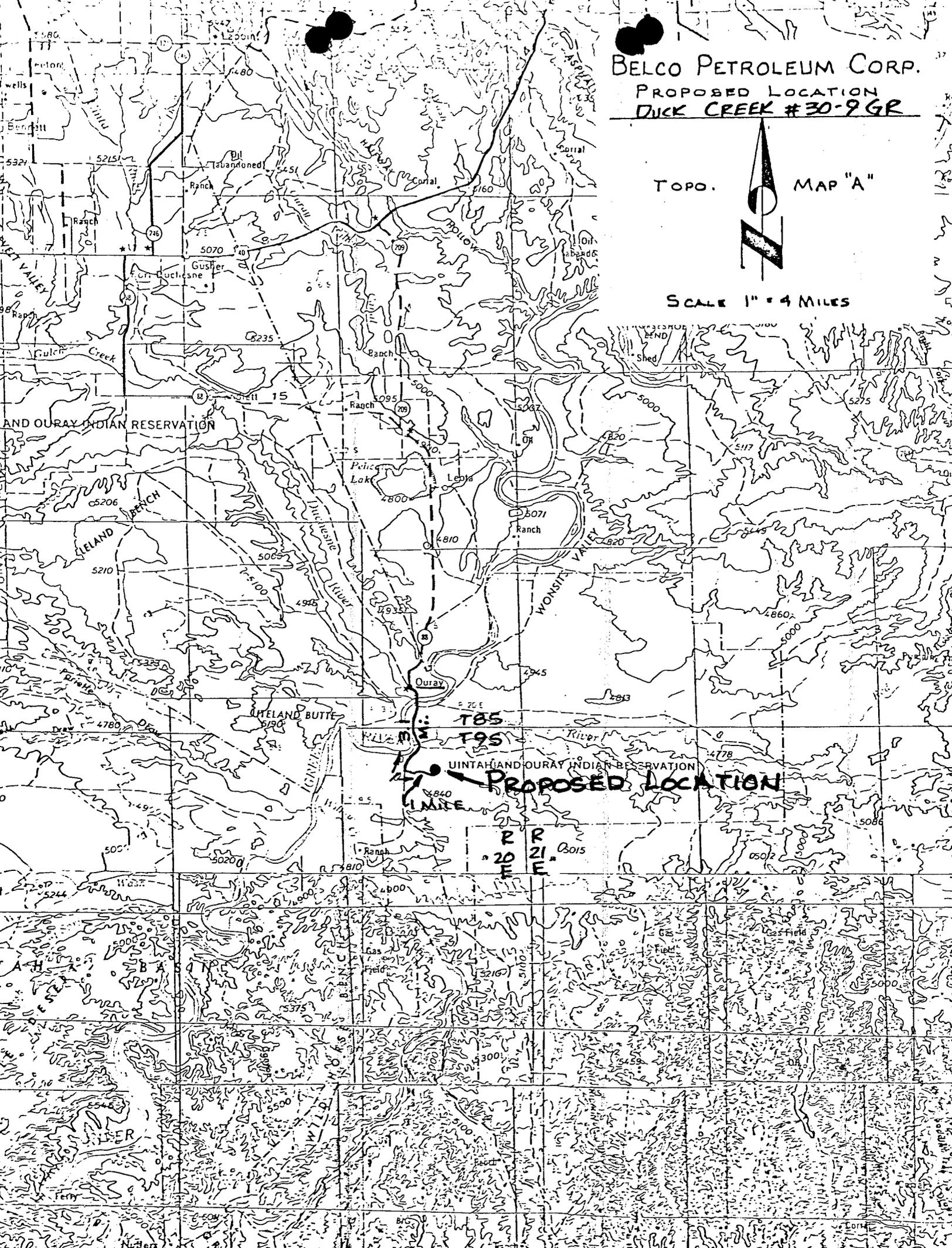
BELCO PETROLEUM CORP.

PROPOSED LOCATION
DUCK CREEK #30-9GR

TOPO. MAP "A"



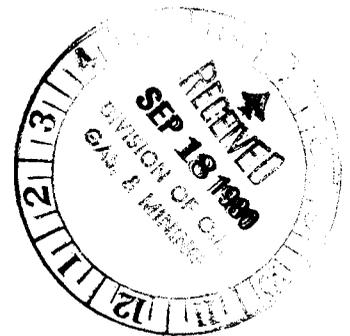
SCALE 1" = 4 MILES



T85
T95
PROPOSED LOCATION

R 20 E
R 21 E

10 POINT PROGRAM
DUCK CREEK 30-9 GR



10 POINT PROGRAM

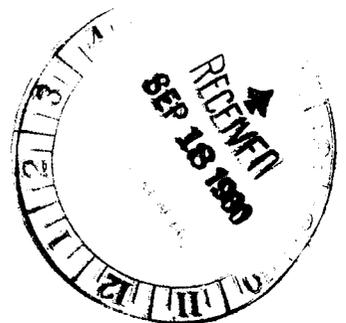
1. The geological name for the surface formation is the Uinta Formation of the Upper Eocene Age.
2. The estimated tops of important geological markers with depths calculated from an estimated KB elevation of 4752' are as follows:

Green River	1910'
J zone	+4100'
Total Depth	5377'
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 H₂S gas will be encountered in this area.
10. It is anticipated that this well will be commenced approximately December, 1980 and that the operations will last two weeks.

13 POINT SURFACE USE PLAN

DUCK CREEK 30-9 GR



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 4 miles S/E of Ouray Utah.
- B. The proposed location is approximately 4 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, Uintah County, Utah,
- 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 20 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 - Five, DC 6-16, DC 7-16, DC 16-16, ND 8-15, ND 2-15
- (7) Shut in Wells - One DC 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-Facilities located on the pads of the producing oil wells above.
- (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. Immediately 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, its contractors and sub-contractors in conformity with this Plan and the terms and conditions under which it is approved.

DATE September 17, 1980



J. C. Ball

District Engineer

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

WELL NAME: DUCK CREEK 30-9GR

LOCATION: SECTION 30, 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.

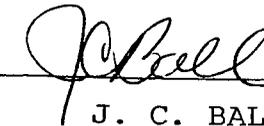
10. LITTER:

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.

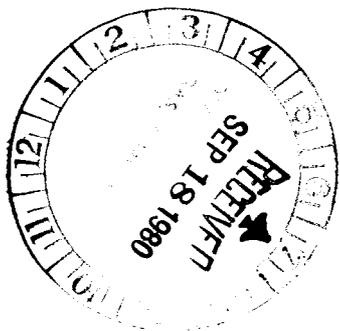
11. BENCH MARKS:

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.

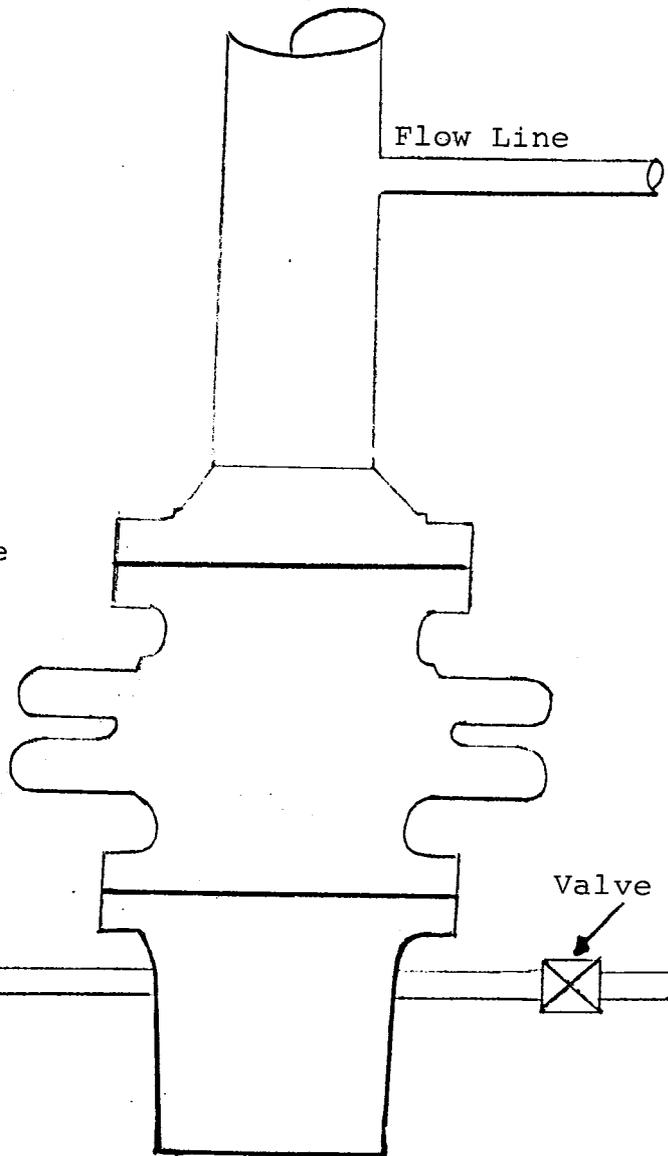
DATE: SEPTEMBER 17, 1980



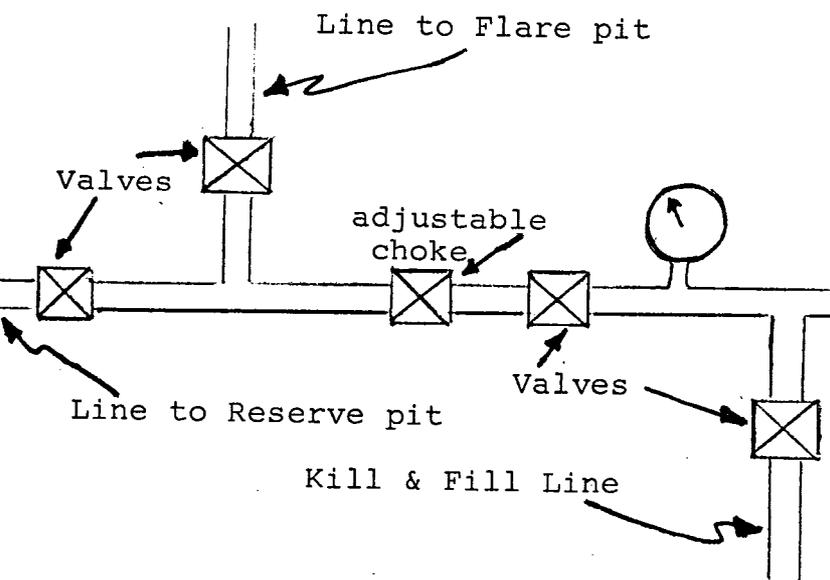
J. C. BALL
DISTRICT ENGINEER



10" Series 900
Hydraulic Doublegate
BOP or Hydril



10" Series 900 Casing Flange



Valves

Valve

Line to Flare pit

Valves

adjustable
choke

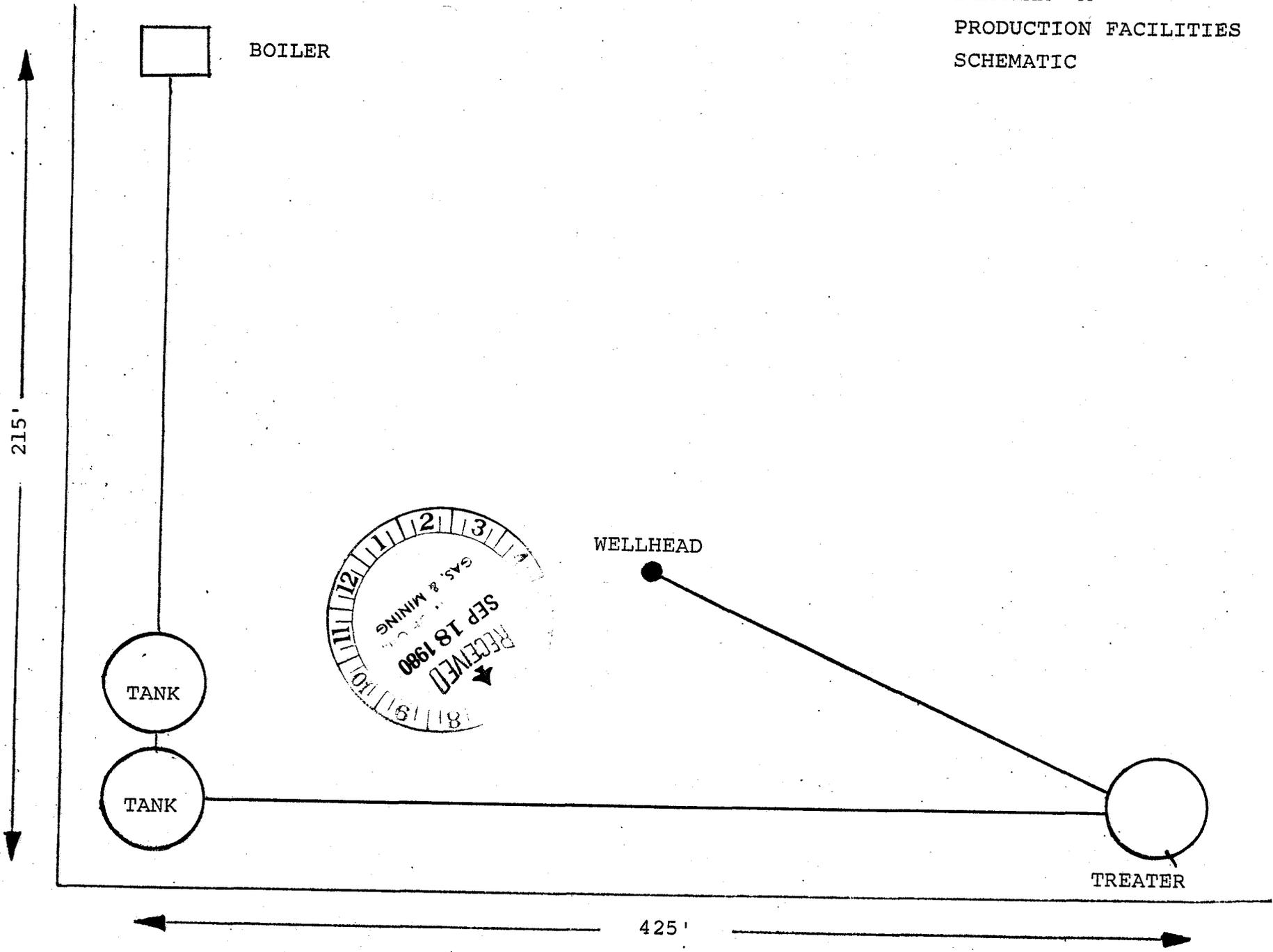


Line to Reserve pit

Kill & Fill Line

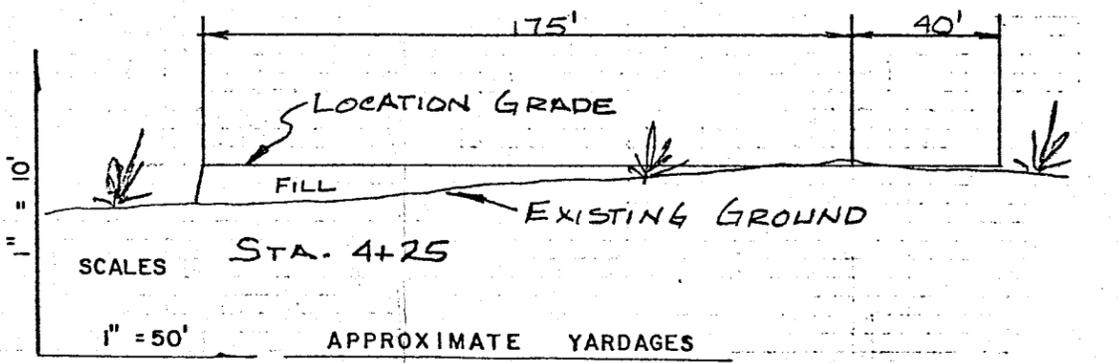
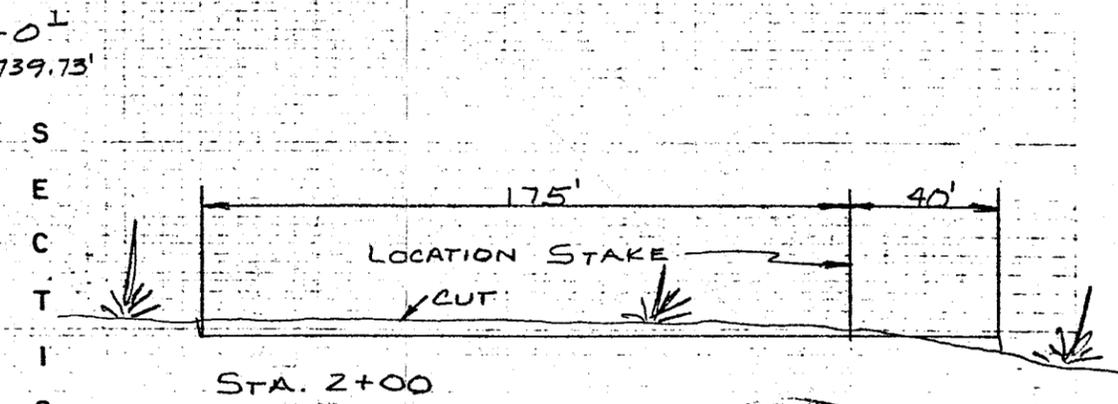
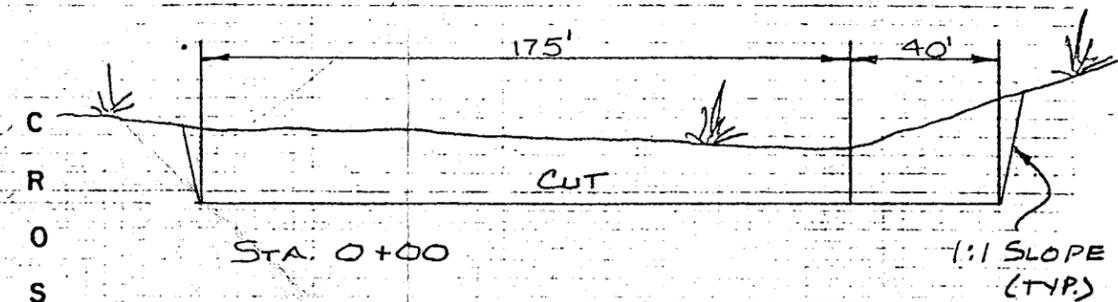
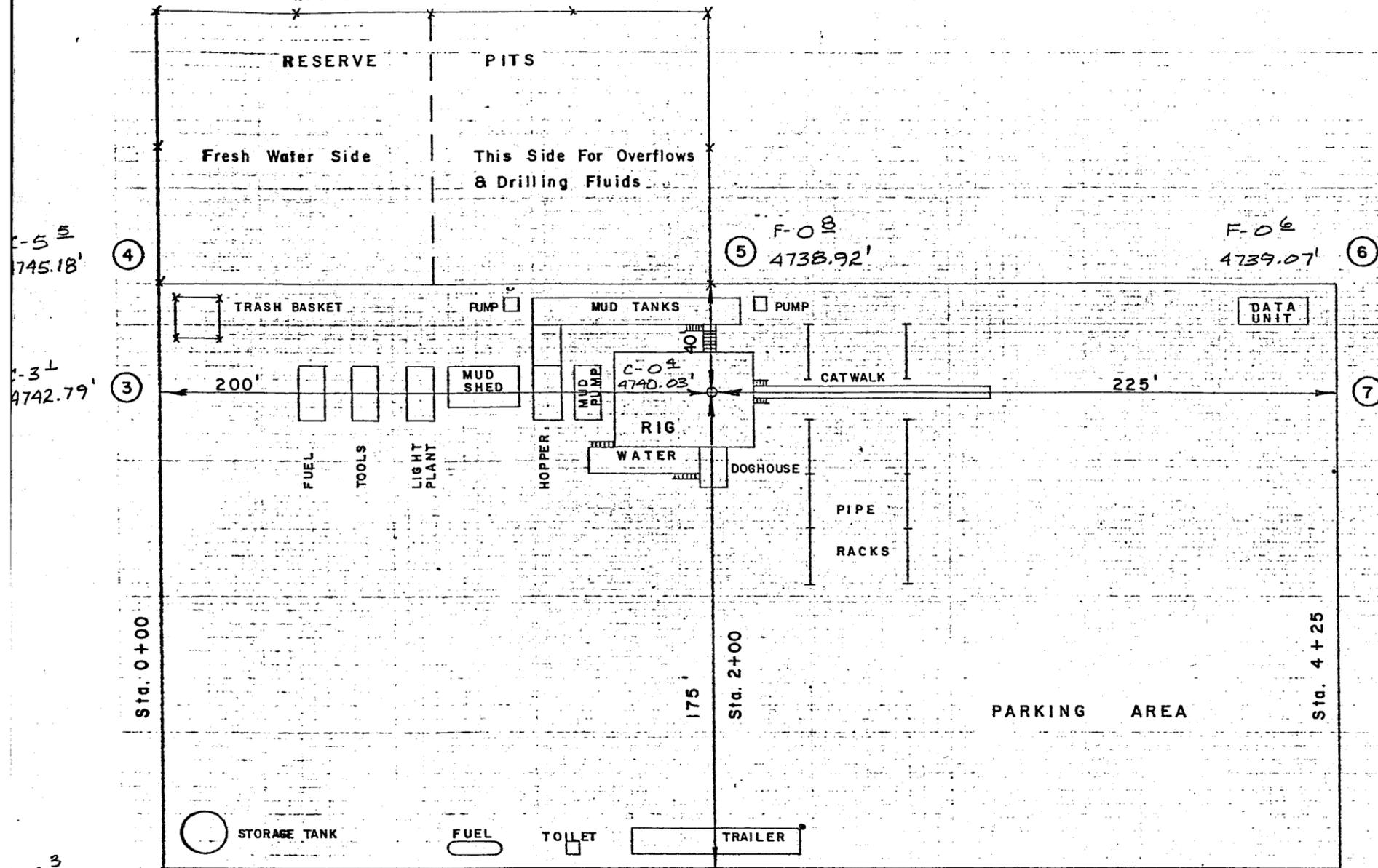
Valves

DIAGRAM "A"
PRODUCTION FACILITIES
SCHEMATIC



BELCO PETROLEUM CORP.

Duck Creek #30-9 GR



C-5 5
745.18'

C-3 4
742.79'

C-4 3
744.00'

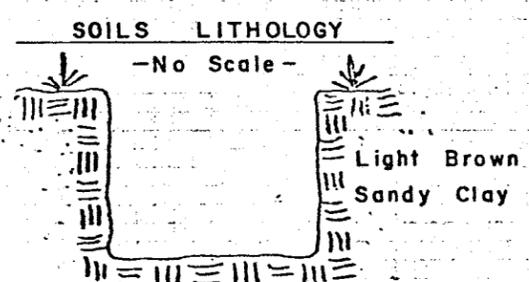
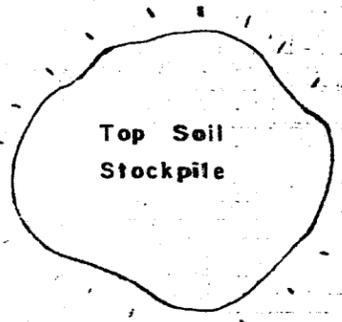
F-0 8
4738.92'

F-0 6
4739.07'

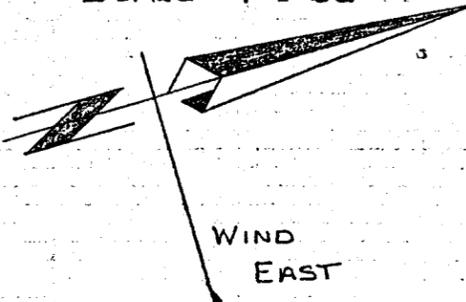
C-0 1
4739.73'

C-1 2
4740.85'

F-2 0
4737.70'



SCALE - 1" = 50'



1" = 50'

APPROXIMATE YARDAGES
Cubic Yards Cut - 4,210
Cubic Yards Fill - 844

** FILE NOTATIONS **

DATE: September 29, 1980
OPERATOR: Belco Petroleum Corporation
WELL NO: Bluck Creek #30-96R
Location: Sec. 9 T. 9S R. 20E County: Uinklat

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

API Number 43-047-30794

CHECKED BY:

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

Director: _____

Administrative Aide: C:30 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 Plotted on Map

Approval Letter Written

Hot Line P.I.

October 16, 1980

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

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

Insofar as this office is concerned, approval to drill the above referred to well 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 43-047-30794.

Sincerely,

Sincerely,

DIVISION OF OIL, GAS, AND MINING



Michael T. Minder,
Petroleum Engineer

/ka
cc: USGS

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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.
30-9GR

10. FIELD AND POOL, OR WILDCAT
DC-Green River

11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA
Section 9, T9S, R20E

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
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22. APPROX. DATE WORK WILL START* December, 1980

DUPLICATE

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SEE ATTACHMENTS FOR:
 10 Point Program
 13 Point Surface Use Plan with additional provisions required by BIA.
 Location Plat
 Location Layout
 TOPO Maps "A" & "B"
 BOP Design
 Production Facilities schematic

RECEIVED

MAR 12 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 Sept. 17, 1980
 (This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
 APPROVED BY W.P. Mouton FOR E. W. GUYNN DATE MAR 12 1981
 CONDITIONS OF APPROVAL, IF ANY: TITLE DISTRICT ENGINEER

Production Facilities and Flowline NOT Approved

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

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

State 0467

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 Incorporated
Project Type Oil Well in the Duck Creek Development Field
Project Location 1980' FSL & 660' FEL - NE SE Sec. 9, T. 9S, R. 20E
Well No. 30-9 GR Lease No. U-13633
Date Project Submitted September 19, 1980

FIELD INSPECTION Date October 2, 1980

Field Inspection
Participants Craig Hansen USGS - Vernal
Dalé Hanburg BIA - Ft. 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.

September 8, 1980
Date Prepared

Craig Hansen
Environmental Scientist

I concur
11/28/80
Date

E. L. ...
District Supervisor

Typing In October 8, 1980 Typing Out October 8, 1980

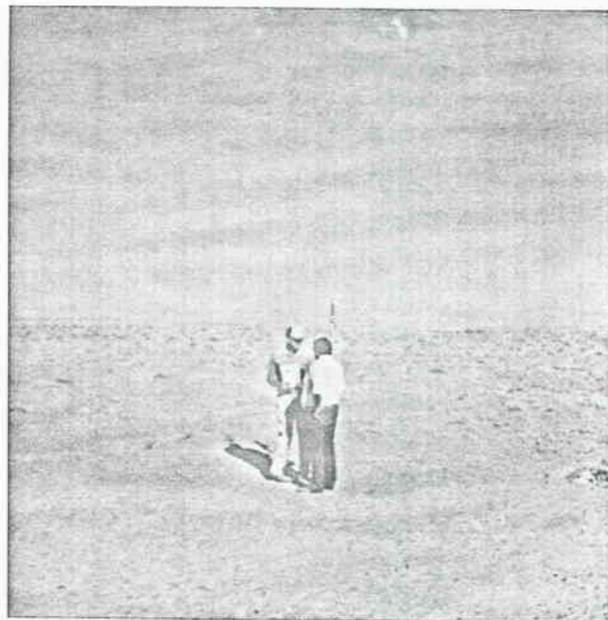
Rec 11/24/80

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 11-2-80	
Unique characteristics							2	11-2-80	
Environmentally controversial							2	11-2-80	
Uncertain and unknown risks						2	2	11-2-80	
Establishes precedents							2	11-2-80	
Cumulatively significant							2	11-2-80	
National Register historic places	1							11-2-80	
Endangered/threatened species	1							11-2-80	
Violate Federal, State, local, tribal law	1							11-2-80	

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 #30-96e
Looking north.

RECOMMENDED STIPULATIONS FOR BELCO #30-9 GR:

1. Adhere to the basic stipulations by the Bureau of Indian Affairs on file in the Salt Lake City District Office.
2. Production facilities will be painted a color to blend in with the natural surroundings.
3. Reroute drainage to west edge of the location to avoid drainage problems.
4. Elongate pits to avoid a small non-perennial drainage in the area.

UINTAH AND OURAY AGENCY
ENVIRONMENTAL IMPACT ANALYSIS

1. PROPOSED ACTION: Belco Petroleum Corp. proposes to drill an Oil well (30-9GR) to, a proposed depth of 5377 feet; to construct approximately 0.1 (~~XXXX~~, 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 NE $\frac{1}{2}$ SE $\frac{1}{2}$ 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, nuttle salt bush, four wing salt bush, spiny salt bush.
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 3.0 acres.
 - B. Dust and exhaust emmissions will affect air quality.
 - C. Scenic 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 (~~XXXX~~) (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:

Cody Hansen - USGS
Rick Schatz - Belco
Bud Pease - Pease Bros. Const.

Cody Hansen 11-17-80
BIA Representative Date

COPY TO:

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

Lease #. U-13633

Well #. 30-9GR

Memorandum

To: USGS District Engineer

From: Surface Managing Agency

Subject: Belco Petroleum Corp., well 30-9GR

in the _____

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

Based on available information on 10/2/80, 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

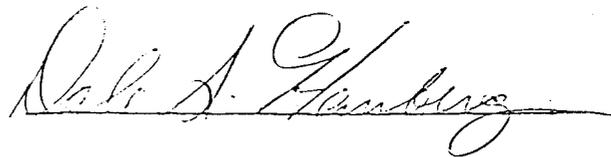
Yes No Historical or cultural resources

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. 30-9GR

LOCATION: C NE 1/2 SE 1/2 sec. 9, T. 9S, R. 20E, SLM

Uintah County, Utah

1. Stratigraphy:

Uintah	surface
Green River	1910'
<u>TD</u>	<u>5377'</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 2740' 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

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

CLEON B. FEIGHT
Director

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: 1980' FSL & 660' FEL NE/SE
AT TOP PROD. INTERVAL: Same
AT TOTAL DEPTH:

5. LEASE
U-136333

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

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME
DUCK CREEK

9. WELL NO.
30-9GR

10. FIELD OR WILDCAT NAME

11. SEC., T., R., OR BLK. AND SURVEY OR AREA
SECTION 9 T9S R9E

12. COUNTY OR PARISH
UINTAH

13. STATE
UTAH

14. API NO.
43-047-30094

15. ELEVATIONS (SHOW DE. KDB AND WD)
4740' NAT. GL

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

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>
(other)	<input type="checkbox"/>		<input type="checkbox"/>

EXTENSION OF APD APPROVAL

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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 this well be extended beyond the current expiration date of 1/2/74 to 2/2/75.

Subsurface Safety Valve: Manu. and Type _____ Ft.

18. I hereby certify that the foregoing is true and correct
SIGNED Kathy Krutson TITLE ENG CLERK DATE February 5 1975

(This space for Federal or State office use)
APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:



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

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

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. Chapita Wells #217-23
Sec. 23, T. 9S, R. 22E.
Uintah County, Utah

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

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Sec. 9, T. 9S, R. 20E.
Uintah County, Utah

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Sec. 9, T. 9S, R. 20E.
Uintah County, Utah

9

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

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Uintah County, Utah

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Sec. 19, T. 9S, R. 21E.
Uintah County, Utah

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Sec. 20, T. 9S, R. 21E.
Uintah County, Utah

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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

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.