

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG _____ ELECTRIC LOGS _____ FILE WATER SANDS _____ LOCATION INSPECTED OIL SUB. REPORT/abd. _____
 * Location Abandoned - Well never drilled 3-23-83 Open Reg.

DATE FILED 12-7-81

LAND: FEE & PATENTED _____ STATE LEASE NO. _____ PUBLIC LEASE NO. U-0581 INDIAN _____

DRILLING APPROVED: 1-4-82

SPUDED IN: _____

COMPLETED: _____ PUT TO PRODUCING: _____

INITIAL PRODUCTION: _____

GRAVITY A.P.I. _____

GOR: _____

PRODUCING ZONES: _____

TOTAL DEPTH: _____

WELL ELEVATION: _____

DATE ABANDONED: LA 3-~~23-83~~ 4-4-83

FIELD: NATURAL BUTTES 3/86

UNIT: _____

COUNTY: UINTAH

WELL NO. NATURAL BUTTES #7-19 GR API NO. 43-047-31133

LOCATION 685 FT. FROM (S) LINE. 1965 FT. FROM (W) LINE. SE SW 1/4 - 1/4 SEC. 19

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
				<u>9S</u>	<u>21E</u>	<u>19</u>	<u>BELCO DEVELOPMENT</u>

14

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 DEVELOPMENT 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 1965' FWL & 685' FSL SE/SW
 At proposed prod. zone Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 Approximately 14 miles Southeast of Ouray, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 685' FSL

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.)
 4841' Ungraded Natural Ground Level

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
12 1/4"	9 5/8"	36.0#	200'
8 3/4"	5 1/2"	17.0#	5069'

5. LEASE DESIGNATION AND SERIAL NO.
 U-0581

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

7. UNIT AGREEMENT NAME
 NATURAL BUTTES
~~COTTONWOOD BUTTES~~

8. FARM OR LEASE NAME

9. WELL NO.
 7-19 GR

10. FIELD AND POOL, OR WILDCAT
 COTTONWOOD BUTTES

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 SEC 19, T9S, R21E

12. COUNTY OR PARISH | 13. STATE
 UINTAH | UTAH

16. NO. OF ACRES IN LEASE 2399.63

17. NO. OF ACRES ASSIGNED TO THIS WELL 40

20. ROTARY OR CABLE TOOLS
 ROTARY

22. APPROX. DATE WORK WILL START*
 FEBRUARY 15, 1982

Cement to surface
 Sufficient to cover 200'
 above uppermost hydrocarbon
 zone to protect oil shale.
 UNACCEPTABLE, NEED TO
 PROTECT AND COVER OIL
 SHALE. SEE OIL SHALE
 STIPULATION

SEE ATTACHMENTS FOR:

- 10 POINT PROGRAM
- 13 POINT SURFACE USE PLAN
- LOCATION PLAT
- LOCATION LAYOUT
- TOPO MAPS "A" & "B"
- DIAGRAMS "A" & "B"

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. Bell TITLE DISTRICT ENGINEER DATE DECEMBER 2, 1981

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY [Signature] for E. W. Guynn
 TITLE District Oil & Gas Supervisor DATE MAR 22 1982

CONDITIONS OF APPROVAL, IF ANY:

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

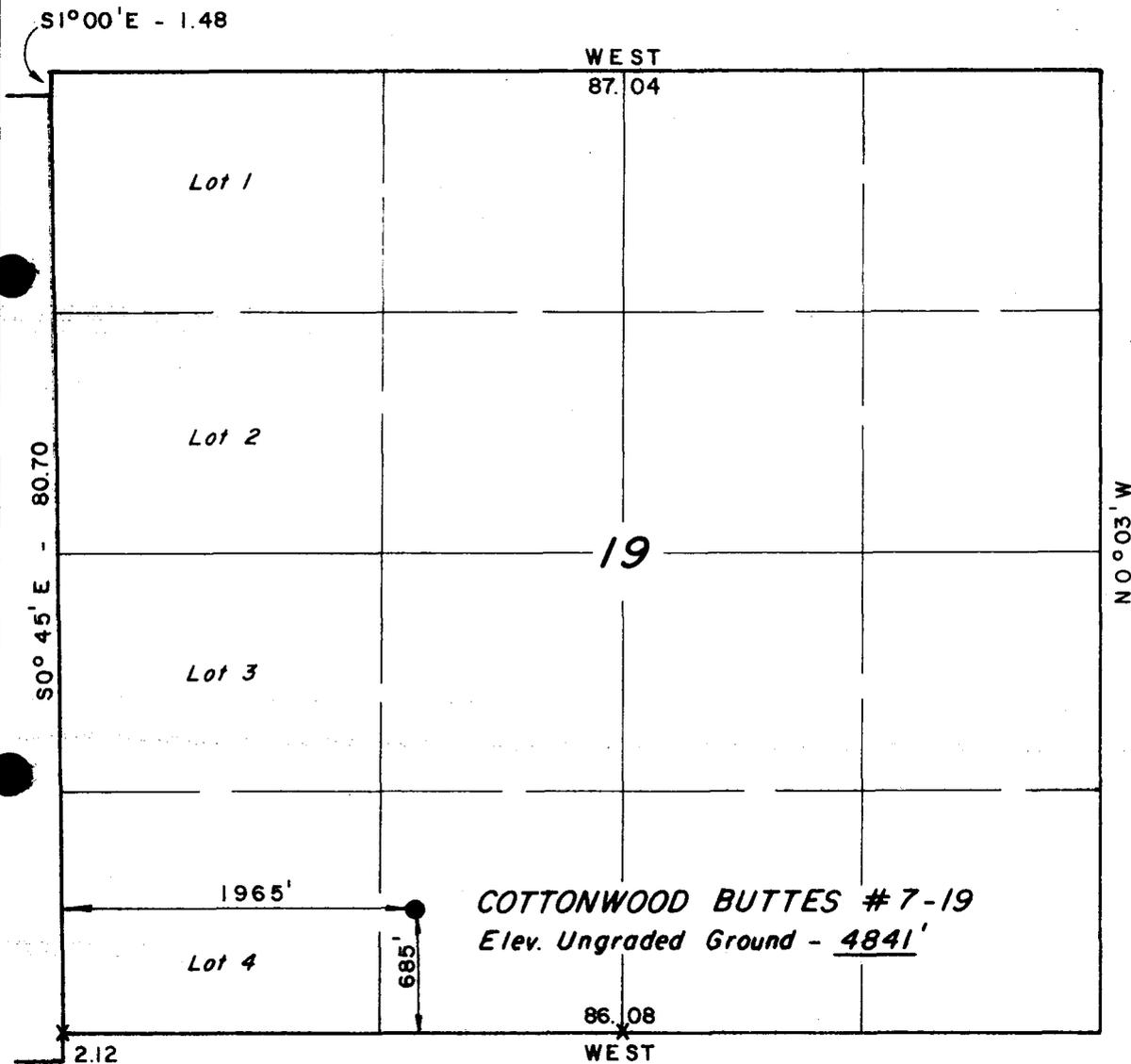
8722 046

T 9 S , R 2 1 E , S.L.B.&M.

PROJECT

BELCO DEVELOPMENT CORP.

Well location, *Cottonwood Buttes #7-19GR*,
located as shown in the SE 1/4 SW 1/4
Section 19, T9S, R21E, 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.

John Marshall

REGISTERED LAND SURVEYOR
REGISTRATION NO 2454
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P. O. BOX Q - 85 SOUTH - 200 EAST
VERNAL, UTAH - 84078

SCALE	1" = 1000'	DATE	11/30/81
PARTY	RK BK RP	REFERENCES	GLO PLAT
WEATHER	Fair/Cold	FILE	BELCO

X = Section Corners Located

OIL AND GAS
RECEIVED

MAR 4 1982
SALT LAKE CITY, UTAH

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

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator Belco Development Corporation
Project Type Oil Well - Development
Project Location 1965' FWL & 685' FSL - Section 19, T. 9S, R. 21E
Well No. 7-19 GR Lease No. U-0581
Date Project Submitted December 4, 1981

FIELD INSPECTION

Date February 9, 1982

Field Inspection
Participants

Craig Hansen - MMS, Vernal
Lynn Hall - BIA, Ft. Duchesne
Ed Taylor - Belco Development

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.

33-82
Date Prepared

[Signature]
Environmental Scientist

I concur
MAR 05 1982
Date

[Signature]
FOR E. W. GUYNN
DISTRICT OIL & GAS SUPERVISOR
District Supervisor

CB

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

RECOMMENDED STIPULATIONS FOR BELCO DEVELOPMENT CORPORATION WELL #7-19GR:

1. Topsoil will be stockpiled on the west and east edges of the location to insure rehabilitation efforts.
2. Production flowlines will follow existing access roads to the main transmission lines.
3. Production facilities will be painted a color to blend in with the natural surroundings.
4. The operator will adhere to BIA surface stipulations.
5. A right-of-way will be obtained from the Ute Tribe.

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17. NO. OF ACRES ASSIGNED TO THIS WELL 40

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19. PROPOSED DEPTH 5069'

20. ROTARY OR CABLE TOOLS
 ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 4841' Ungraded Natural Ground Level

22. APPROX. DATE WORK WILL START*
 FEBRUARY 15, 1982

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8 3/4"	5 1/2"	17.0#	5069'	Sufficient to cover 200' above uppermost hydrocarbon zone to protect oil shale.

SEE ATTACHMENTS FOR:

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- 13 POINT SURFACE USE PLAN
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- TOPO MAPS "A" & "B"
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RECEIVED

DEC 07 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 Bill

TITLE DISTRICT ENGINEER

DATE DECEMBER 2, 1981

(This space for Federal or State office use)

PERMIT NO. _____

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING

APPROVED BY _____
 CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE: 1/4/82
 BY: [Signature]

10 POINT PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of the upper Eocene Age.

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	Surface
Green River	3171'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Uinta	Surface	Sand & shale, possible gas shows
Green River	4576'	Oil shale zone, anticipate oil
	4596'	Oil shale zone, oil and possible gas

4. PROPOSED CASING PROGRAM:

9 5/8" 36# K-55 set @ 200', cement to surface w/200 sx "G" cmt
5 1/2" 17# K-55 set @5069', cement with sufficient 50-50 poz-mix
to cover 200' above uppermost hydrocarbon zone.

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

The operators minimum specifications for pressure control equipment are as follows: 10", 3000 PSI hydraulic doublegate BOP or equivalent. Pressure tests of BOP to 1000 PSI will be made prior to drilling surface plug and on each trip for bbt.

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

It is proposed that the hole will be drilled to approx 4500' + with 3% KCL H₂O as necessary in order to clean the hole. From 4500' to TD, it is planned to drill the well with mud. The mud system will be a water based, gel-chemical mud, weighted up to 10.5 ppg as required for gas control.

7. AUXILIARY EQUIPMENT TO BE USED:

Auxiliary equipment to be used will be a 2", 2000 PSI choke manifold and kill line, stabbing valve, kelly cock and visual mud monitoring.

8. TESTING, LOGGING AND CORING PROGRAMS:

No coring or drill stem testing has been scheduled for this well. The logging will consist of DLL, CNL, FDC and Gamma Ray w/Caliper.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURES:

It is not anticipated that abnormal hazards such as pressures, temperatures or gas will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF OPERATIONS:

Anticipated starting date is February 15, 1982.
Drilling operations should be complete 2½ weeks after they commence.

1. EXISTING ROADS

- A. For the location of the proposed well and the existing roads, see the attached Topographic Maps "A" & "B". The proposed well is located approximately 14.2 miles Southeast of Ouray, Utah.
- B. To reach the location drive west on Hiway 40 from Vernal, Utah to the Ouray turnoff. Turn south on 209, past Ouray to the Pipeline road. The well access road goes North about 300' to the well location. See attached Topo maps.
- 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 road.

2. PLANNED ACCESS ROADS

See attached Topographic Map "B".

The planned access road will be approximately 300' in length and will comply with the general specifications as outlined.

1. The proposed access road will be a 16' crown road 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 guards will be needed.

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

3. LOCATION OF EXISTING WELLS

- (1) Water Wells- None
- (2) Abandoned Wells - None
- (3) Temporarily abandoned Wells - None
- (4) Disposal Wells-None
- (5) Drilling Wells -None
- (6) Producing Wells-Belco's NBU 50-19B & CIGE 6-19 are in section 19.
- (7) Shut in Wells - None
- (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
- (2) Production facilities
- (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.

- 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 (preferred carrier is Dalbo PSC #536) 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.

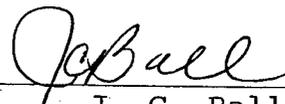
12. Belco Petroleum Corporation's representative for this operation will be Mr. J. C. Ball, District Engineer, P. O. Box X, Vernal, Utah 84078, telephone 1-801-789-0790.

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

12/3/81



J. C. Ball

District Engineer

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

WELL NAME: COTTONWOOD BUTTES 7-19GR
1965' FWL & 685' FSL
LOCATION: SECTION 19, T9S, R21E
UINTAH COUNTY, UTAH

1. FIREARMS:

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

2. OFFROAD TRAFFIC:

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

3. FIREWOOD:

Employees of Belco Development Corporation, its contractors and subcontractors 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 soil 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 Development Corporation will comply with 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 DEVELOPMENT 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 resurvey 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 Development Corporation will initiate a plan for controlling noxious weeds alongside the location and road in accordance with BIA specifications.

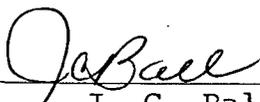
10. LITTER:

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: 12-3-81



J. C. Ball
District Engineer

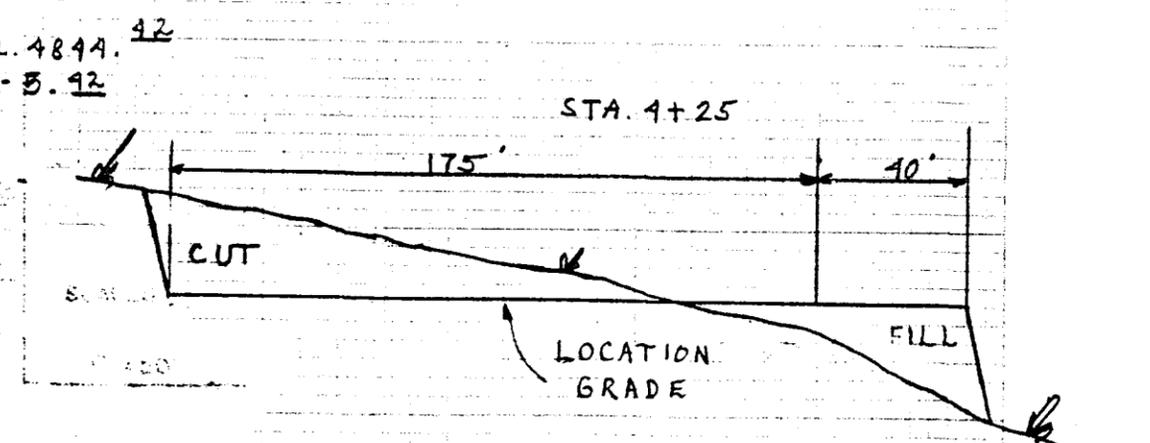
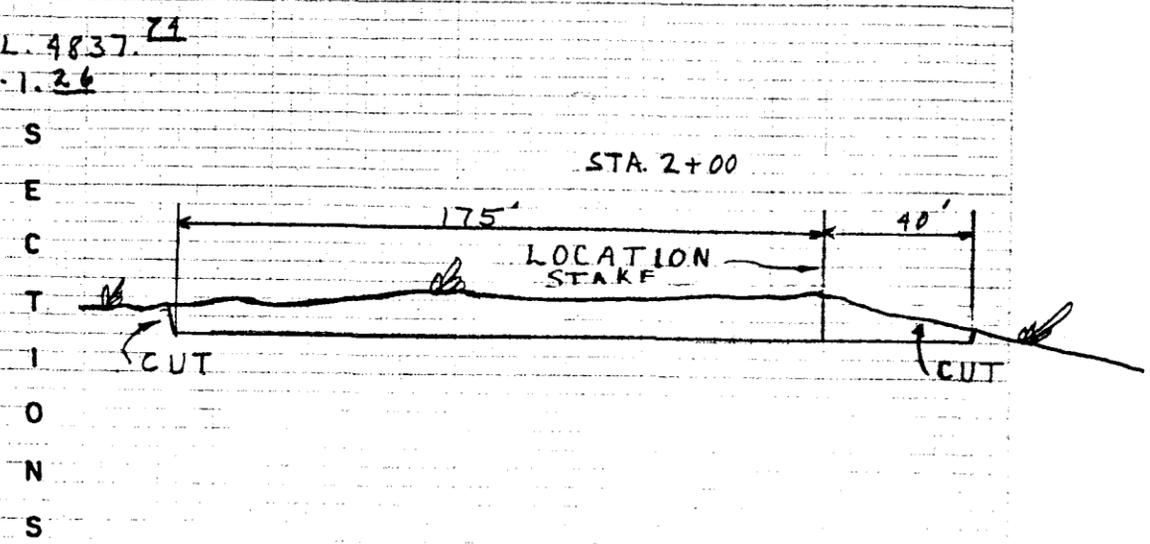
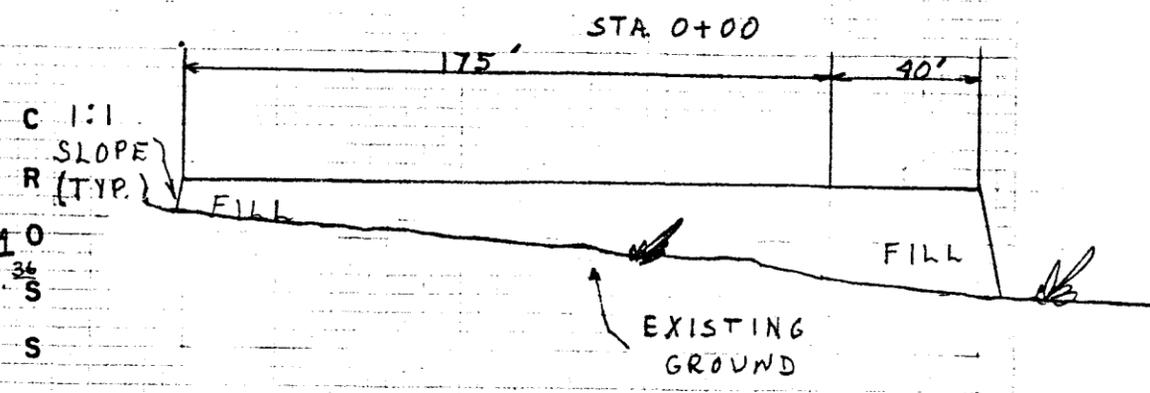
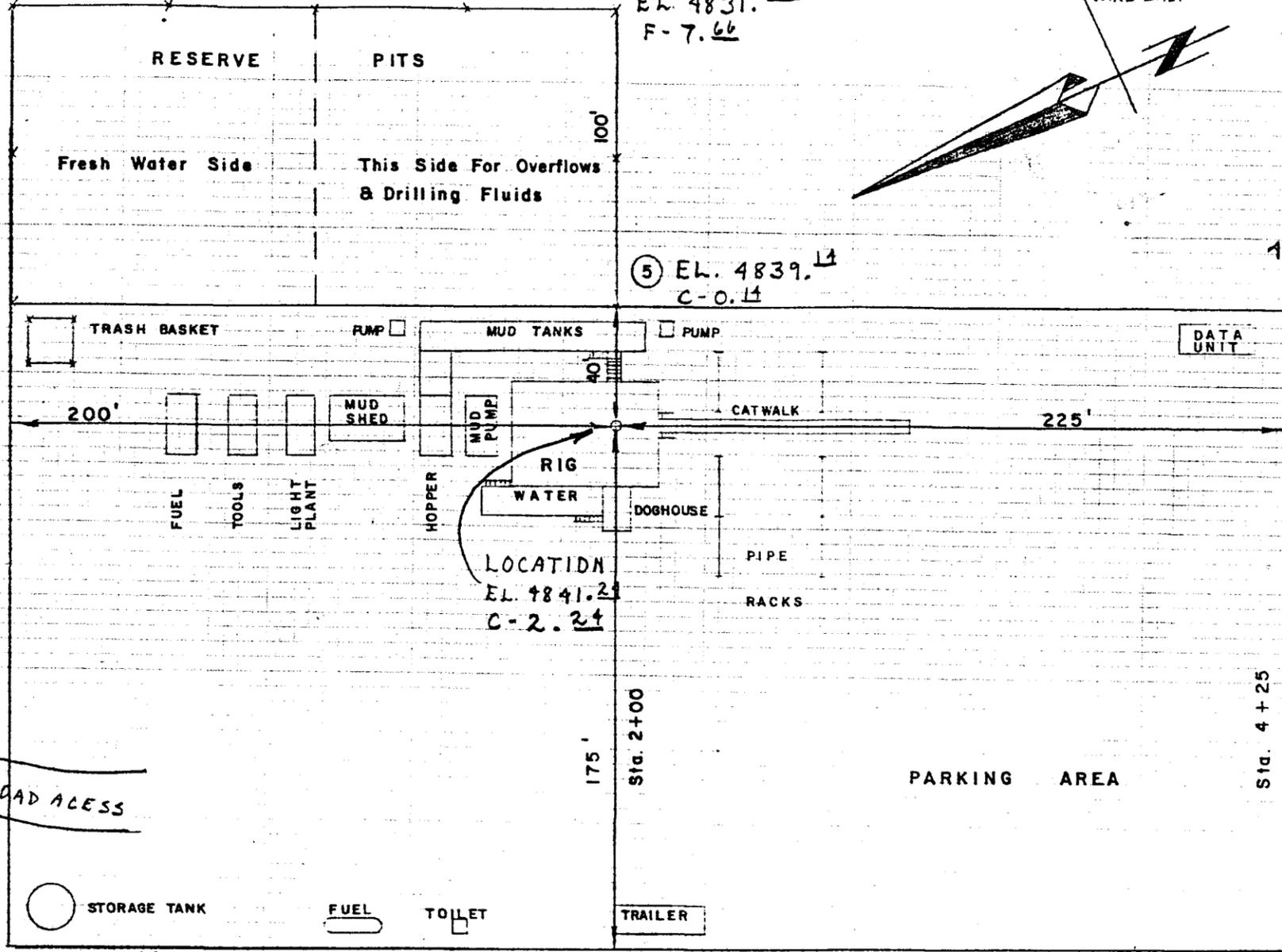
SCALE - 1" = 50'

11-30-81
WIND EAST

BELCO DEVELOPMENT CORP.
COTTONWOOD BUTTES 7-19 GR.

F-8.16
EL. 4830.34

EL. 4831.34
F-7.66

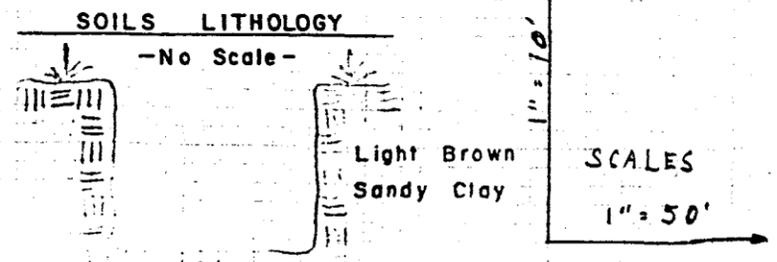
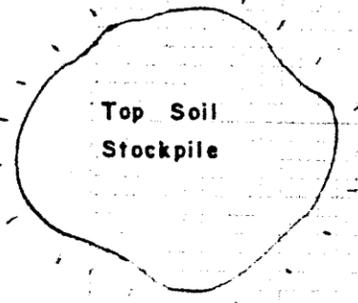


PROPOSED ROAD ACCESS

② EL. 4837.14
F-1.86

① EL. 4840.54
C-1.54

⑧ EL. 4844.92
C-3.92



APPROXIMATE YARDAGES
CUBIC YARDS CUT - 4654
CUBIC YARDS FILL - 3765

BELC DEVELOPMENT CORP.
PROPOSED LOCATION
COTTONWOOD BUTTES #7-19GR

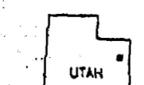
TOPO. MAP "B"



SCALE - 1" = 2000'

ROAD CLASSIFICATION

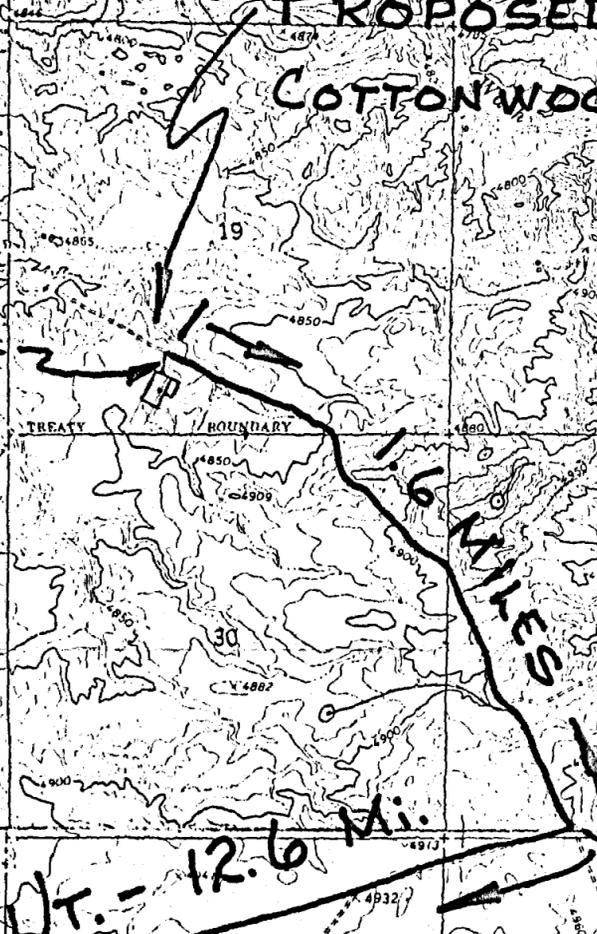
Light-duty Unimproved dirt



UTAH
QUADRANGLE LOCATION

PROPOSED LOCATION
COTTONWOOD BUTTES #7-19 GR

PROPOSED ACCESS
ROAD - 300' ±



OURAY, UT. - 12.6 Mi.

R 20 E
R 21 E

T 9 S
T 10 S

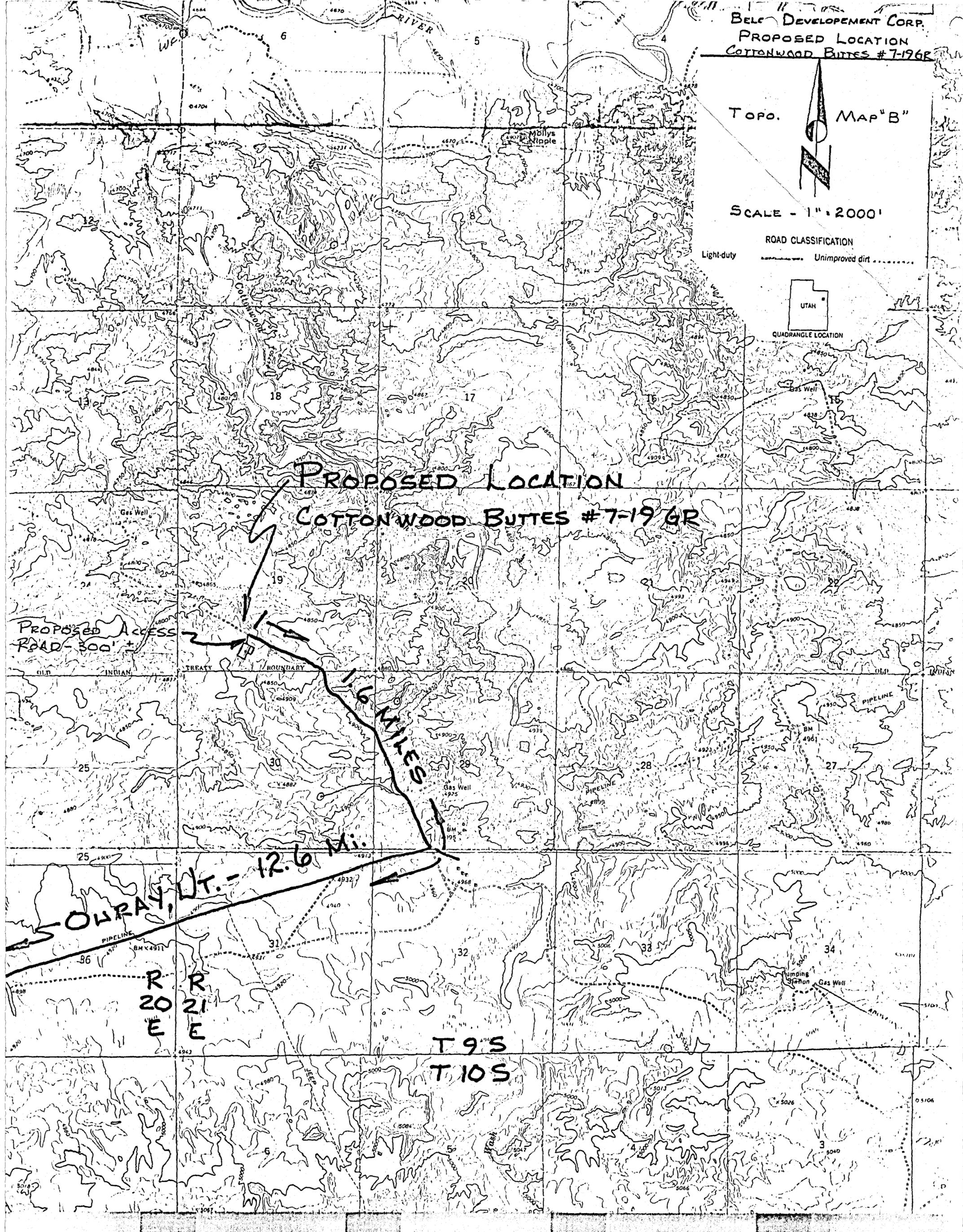


DIAGRAM "A"
BOP DESIGN
BELCO DEVELOPMENT CORPORATION
COTTONWOOD BUTTES 7-19GR

DOUBLE RAM PREVENTER WITH
PIPE RAMS ON TOP, BLIND
RAMS ON BOTTOM, OR EQUIVA-
LENT

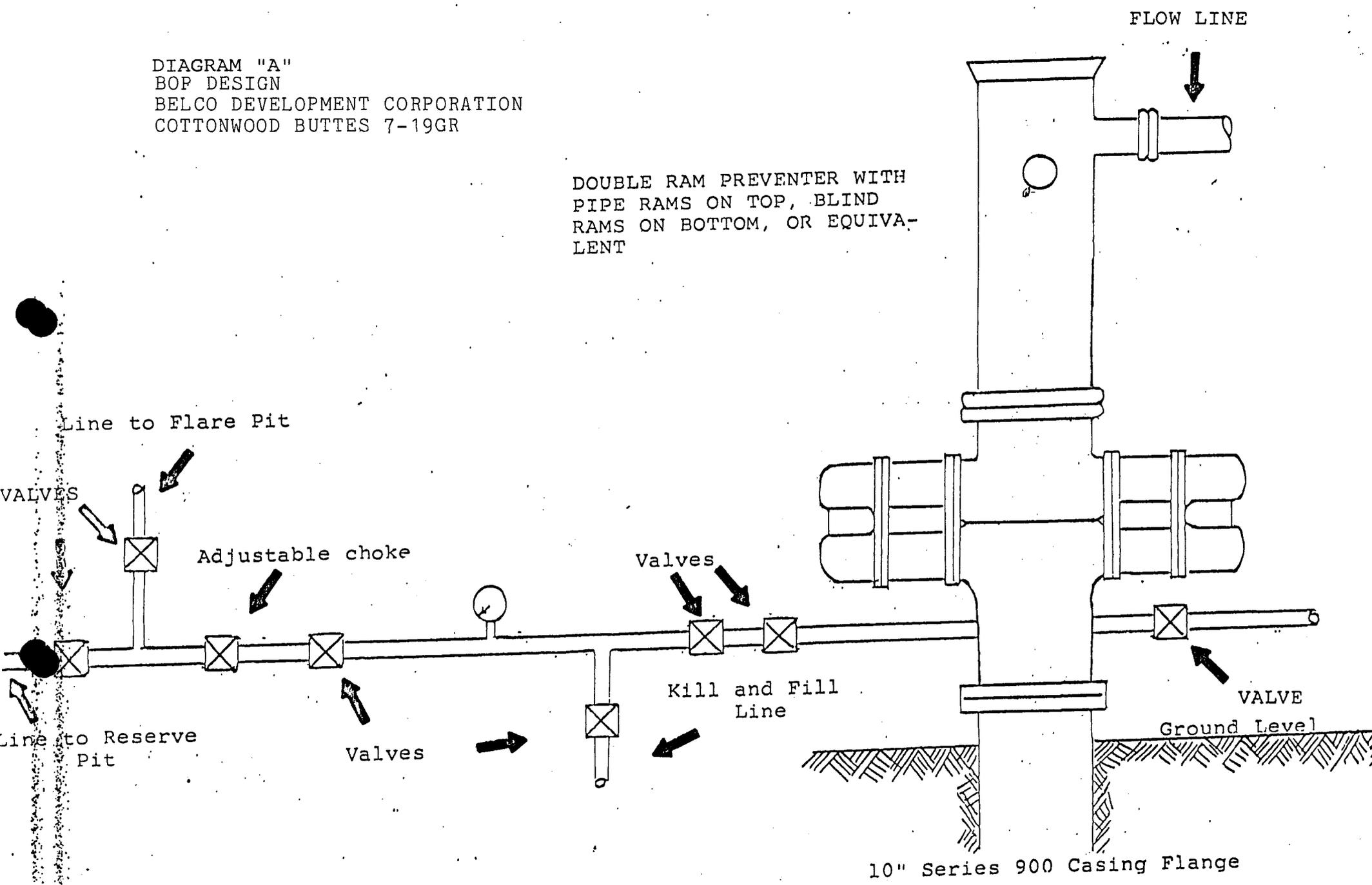
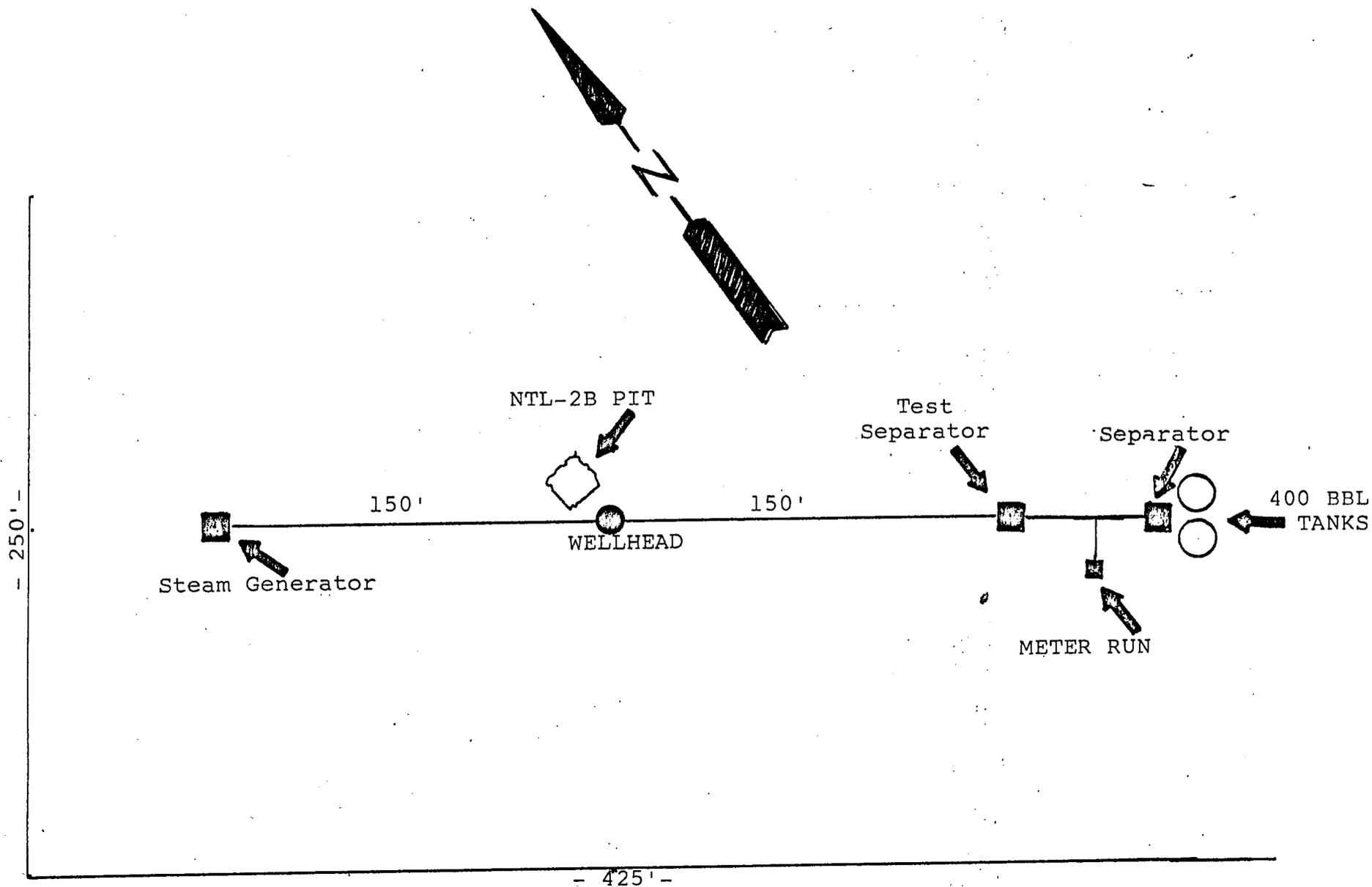


DIAGRAM "B"
PRODUCTION FACILITIES SCHEMATIC
BELCO DEVELOPMENT CORPORATION
COTTONWOOD BUTTES 7-19GR



** FILE NOTATIONS **

DATE: 12/21/81

OPERATOR: Beles Development Corp.
Natural Gas

WELL NO: #7-19 GR

Location: Sec. 19 T. 45 R. 21E County: Wentworth

File Prepared:

Entered on N.I.D:

Card Indexed:

Completion Sheet:

API Number 43-047-31133

CHECKED BY:

Petroleum Engineer: _____

Director: OK unit well

Administrative Aide: OK as per Rule C-3, Unit well.

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 Fed.

Plotted on Map

Approval Letter Written

Hot Line

P.I.

January 4, 1982

Belco Development Corp.
P.O. Box "XX"
Vernal, Utah 84078

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

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Section 40-6-11, Utah Code Annotated 1953, and predicated on Rule A-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:

CLEON B. FEIGHT - Director
Office: 533-5771
Home: 466-4455

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 43-047-31133.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Cleon B. Feight
Director

CBF/db
CC: USGS
Enclosures



Uintah and Ouray Agency
Ute Indian Tribe
P.O. Box 190
Fort Duchesne, Utah 84026

(801) 722-5141

February 22, 1982

RE: Belco Development Corporation - APD
Well # Belco - 7-19GR
Federal Lease # U-0581
Section 19, T 9 S, R 21 E, SLM
Uintah County, Utah

Mr. L.W. Collier, Superintendent
Bureau of Indian Affairs
Uintah and Ouray Agency
Ft. Duchesne, Utah 84026

Dear Superintendent Collier:

In regard to the reference APD submitted by Belco Development Corporation for approval, we have reviewed the various components of the situation and find all to be in order as only Tribal surface is involved (BIM and Fee minerals) and the on-site inspection has had satisfactory results.

This shall serve to notify you of our concurrence in the approval of APD. Please feel free to contact us should further assistance in the matter be required.

Sincerely,

RONALD J. CHOHAMIN,
Director, Energy & Minerals

sbm

cc: Jason Cuch
BIA Realty
BIA Land Operations
E&M Section File
File

Utah and Ouray Agency
Environmental Analysis and Negative Declaration

1. Description of Proposal:

Belco Development Corp. proposes to drill an gas well Belco 7-19GR to a proposed depth of 5069 feet; to construct approximately 300 ft. miles of new access road; and upgrade approximately None miles of existing access road. The well site is located approximately 14 miles SE of Ouray, Utah in the SESW, Sec. 19, T9S, R 21E, SLM, 1965 ft. FWL and 685 ft. FSL

2. Description of the Environment:

The area is used for livestock grazing, wildlife habitat, hunting scenic, oil and gas drilling and production. The topography is low rolling hills with stabilized sand dunes and clay beds. The vegetation consists of four-winged saltbush, horse brush, rabbit brush, greasewood, shadscale, prickly pear, russian thistle, aster.

The area is used as wildlife habitat for X deer, X antelope, elk, bear, X small animals, pheasant, X dove, sage grouse, ruffle grouse, blue grouse, hald eagle, golden eagle, other rabbits, coyotes, reptiles, raptors, rodents.

The climate is characterized by having cold snowy winters and warm dry summers. Temperatures range from -40°F during the winter to 105°F in the summer. The approximate annual precipitation is inches. The elevation is 4841 feet.

3. Environmental Impacts:

During construction of the well dust and exhaust emissions will affect air quality. Soil and vegetation will be removed from 3.5 acres of land occupied by the well site and access road. The disturbance of the soil and removal of vegetation will:

A. Destroy wildlife habitat for: X deer, X antelope, elk, bear, X small animals, pheasant, X dove, sage grouse, ruffle grouse, blue grouse, X rabbit, golden eagle, hald eagle, other Small rodents, small reptiles.

B. Remove from production: X rangeland for livestock grazing, irrigated cropland, irrigated pastureland, prime timberland, pinion-juniper land.

C. Result in the invasion of annual weeds and will cause accelerated soil erosion: During the construction and production of the well human activity in the area will increase significantly. This is expected to significantly increase: X poaching of wildlife, X disturbance of wildlife, X vandalism of property, theft of firewood, X litter accumulations, X livestock disturbance, X livestock thefts, X livestock loss to accidents, X increase the hazard to public health and safety. There is a X high, moderate, slight possibility that pollution from this activity will enter a stream or lake.

Production facilities can easily be seen from a: community, major highway, public facility.

4. Mitigating measures:

To lessen the impact on the environment the provisions stipulated in the letter to Mr. Ed W. Gwynn, District Engineer, U.S. Geological Survey, dated February 11, 1980 will be implemented. Additional stipulations and changes to the 11 point surface use plan are: (1) Obtain right of way and permits from the BIA and Ute Tribe (2) Pay surface damages to surface owner (3) Comply with USGS, BIA and Ute Tribal regulations (4) Operator agrees to conduct all activities in a responsible manner and cooperate with the surface owners requests to avoid, correct or mitigate adverse impacts resulting from the operators activities. (5) Comply with changes to the AFD discussed at the on-site inspection and recorded in USGS, EA# 079-82.

5. Unavoidable adverse effects:

None of the adverse effects listed in item #3 above can be avoided in a practical manner except those which were mitigated in item #4 above.

6. Relationship between short term and longterm productivity:

As long as oil or gas wells are producing and the access roads are retained there will be a total loss of production on the land and the Environmental Impacts will continue to affect the surrounding area. Normally oil and gas wells produce from 15 to 30 years. After the wells stop producing it is standard policy to restore the surface to near its original condition. Occasionally the site occupied by the well or road can be restored to produce as much as it originally produced, but most of the time it can not be restored to its original productive capacity. Therefore, the land surface productive ability will be permanently damaged.

7. Irreversible and Irretrievable commitment of Natural Resources:

There are two irreversible and irretrievable resources commit in this action.

A. Oil or Gas: Oil and gas is a non-renewable resource. Once it has been removed it can never be replaced.

B. Damage to the land surface: There are three causes of damage to the soil surface due to oil or gas wells and road construction. (1) Gravel is normally hauled onto the site as a pad foundation for equipment and traffic to operate on. Gravel has low fertility and low waterholding capacity. Therefore, after the site is restored the gravel must either be removed, or incorporated into the natural landscape. (2) Chemicals are often either accidentally spilled or intentionally applied to the site for weed and dust control. Generally the chemicals are crude oil or production water, which may contain as much as 20,000 PPM of salts. Once chemicals become incorporated in the soil they are difficult to remove and interfere with the soils ability to produce vegetation. (3) Soil compaction occurs where the site is subject to stormy wet weather and traffic from heavy trucks and equipment. Each of the above items cause soil damage and after the site is restored the productive ability of the soil will be damaged permanently.

8. Alternatives:

A. No. program - This alternative refuses the authorization of the application for permit to drill. This action would not allow the operator to enter upon the land surface to drill for oil or gas. Because the minerals usually cannot be developed without encroachment on the surface, the mineral estate is normally and traditionally designated as dominant, and the surface ownership subservient. The mineral operator's conduct is generally prescribed only by the rule of reasonableness and the limitations that he is not permitted to act in a wanton or negligent manner. Within their confines, the operator has considerable latitude in the necessary use of the surface to produce and develop the mineral estate. Therefore if the application for permit is not signed, the operator would undoubtedly initiate court proceedings against the surface owner, in this case the Ute Tribe and the Bureau of Indian Affairs. Historically the courts have upheld the right of the mineral owner to develop the mineral resource regardless of the surface owners desire, therefore the operators rights will likely be upheld if B.I.A. refuses to sign the application for permit to drill this well.

B. Sign the application for permit to drill. This alternative authorizes the operator to drill for oil or gas as prescribed in the application, providing he complies with stipulations which are considered reasonable as specified in paragraph 4 above under mitigating measures.

9. Consultation:

Representatives Present:

Craig Hansen - USGS - Vernal, Utah

Ed Taylor - Belco

R. Lynn Hall

R. Lynn Hall 2-10-82
B.I.A. Representative

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

Based on available information 2/10/82, 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 specified above.

K. Lynn Hall 2-10-82
B.I.A. Representative

11. Declaration:

It has been determined that the drilling of the above well is not a Federal action significantly affecting the quality of the environment as would require the preparation of an environmental statement in accordance with Section 102 (2) (c) of the National Environmental Policy Act of 1969 (42 USC 4331) (2) (c).

Henry G. Cook
Acting Superintendent



United States Department of the Interior
BUREAU OF INDIAN AFFAIRS
UINTAH AND OURAY AGENCY

Fort Duchesne, Utah 84026
(801) 722-2406 Ext.
202

IN REPLY REFER TO:
S.M.C

February 22, 1982

Mr. Craig Hansen
U.S. Geological Survey
Oil and Gas Division
P.O. Box 1037
Vernal, Utah 84078

Dear Mr. Hansen:

Enclosed are Environmental Analysis for Belco Development Corporation Wells which are listed below:

<u>Well No.</u>	<u>Legal Description</u>
Belco # 7-19GR	SESW, Sec. 19, T9S., R21E., SLM
Belco #201-20MV	NENE, Sec. 20, T9S., R21E., SLM
Belco #202- 3MV	SESE, Sec. 3, T9S., R21E., SLM
Belco #210-24MV	NWSE, Sec. 24, T9S., R21E., SLM
Belco #211-20	SESE, Sec. 20, T9S., R22E., SLM

The 13 point surface use and operating plan is adequate with the modification made at the on-site inspections and recorded in the U.S. Geological Survey Environmental Assessment. However, we want to emphasize the following requirements for final approval.

1. The operator must contact the B.I.A., Branch of Real Property Management for right of way, water permits to obtain final approval requirements.
2. The operator must pay for right of way and surface damages before any surface disturbance occurs.
3. The operator must contact the Ute Tribe to obtain information concerning Tribal regulations.
4. The operator agrees to conduct all operations (including contractors and service companies) in a responsible manner and to comply with the surface owners requests to avoid, correct or mitigate adverse impacts resulting from operators activities.

The increased activity in this area by Belco Development Corporation is having an unanticipated impact. Therefore, the operators must assume more responsibility to minimize the adverse impacts. Thank you for your assistance.

Sincerely yours,

George L. Cook
Acting Superintendent

cc: Real Property Management



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

A handwritten signature in cursive script that reads "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

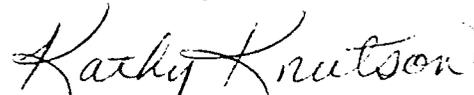
State of Utah
Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, Utah 84114

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



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

March 21, 1983

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

Re: See attached list of wells

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.

We will be happy to acknowledge receipt of your response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for the return. Such acknowledgement should avoid unnecessary mailing of a firm second notice from our agency.

Your prompt attention to the above will be greatly appreciated.

Respectfully,

DIVISION OF OIL, GAS AND MINING

A handwritten signature in cursive script that reads "Cari Furse".

Cari Furse
Well Records Specialist

CF/cf

Well No. North Duck Creek # 62-30
Sec. 30, T. 8S, R. 21E.
Uintah County, Utah

Well No. North Duck Creek # 48-17
Sec. 17, T. 9S, R. 20E.
Uintah County, Utah

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

Well No. Natural Buttes # 7-19GR
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 # 203-16MV
Sec. 16, T. 9S, R. 22E.
Uintah County, Utah

Belco Development Corporation

Belco

March 23, 1983

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

SUBJECT: See attached List of Wells

Dear Sirs,

This letter is to notify you that Belco does not intend at this time to drill any of the wells on the attached list. There has been no surface disturbance at any of these locations. If at some future date these wells should come up for possible drilling activity, a new APD will be issued.

Very truly yours,



Kathy Knutson
Engineering Clerk

Well No. North Duck Creek # 62-30
Sec. 30, T. 8S, R. 21E.
Uintah County, Utah

Well No. North Duck Creek # 48-17
Sec. 17, T. 9S, R. 20E.
Uintah County, Utah

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

Well No. Natural Buttes # 7-19GR
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 # 203-16MW
Sec. 16, T. 9S, R. 22E.
Uintah County, Utah

- ** 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
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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.

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

April 4, 1983

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

Re: Rescind Application for Permit
to Drill
Well No. 7-19 GR ✓
Section 19, T. 9 S., R. 21 E.
Uintah County, Utah
Lease U-0581

Gentlemen:

The Application for Permit to Drill the referenced well was approved on March 22, 1982. Since that date no known activity has transpired at the approved location. 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 approval of the referenced application without prejudice. If you intend to drill at this location at a future date, a new application for permit to drill must be submitted.

This office requires a letter confirming that no surface disturbance has been made for this drill site. Any surface disturbance associated with the approved location of the well 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. Gynn
District Oil and Gas Supervisor

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

WPM/kr