UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG _____ ELECTRIC LOGS _____ FILE X WATER SANDS _____ LOCATION INSPECTED GAS WELL SUB. REPORT/abd. _____

* Location Abandoned- Well never drilled - 7-15-82

DATE FILED 6-26-81

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

DRILLING APPROVED: 6-29-81

SPUDDED IN:

COMPLETED: PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION:

DATE ABANDONED: LA July 15, 1982

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

UNIT:

COUNTY: UINTAH

WELL NO. DUCK CREEK #54-9 API NO. 43-047-30982

LOCATION 1316' FT. FROM (N) (S) LINE, 1324' FT. FROM (E) (W) LINE. NW NW 1/4 — 1/4 SEC. 9

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

Form 9-331 C
(May 1963)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

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.: 54-9

10. FIELD AND POOL, OR WILDCAT: wildcat ~~DUCK CREEK~~-WASATCH

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: SEC. 9, T9S, R20E

1a. TYPE OF WORK: DRILL [XX] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL: OIL WELL [ ] GAS WELL [XX] OTHER SINGLE ZONE [XX] 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: 1324' FWL & 1316' FNL ~~NW~~ NW¼
At proposed prod. zone: SAME

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: 2 miles South of Ouray, Utah

12. COUNTY OR PARISH: UINTAH

13. STATE: UTAH

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any): 1324'

16. NO. OF ACRES IN LEASE:

17. NO. OF ACRES ASSIGNED TO THIS WELL: 320

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

19. PROPOSED DEPTH: 7638'

20. ROTARY OR CABLE TOOLS: Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 4758' Natural GL

22. APPROX. DATE WORK WILL START*: 7-12-81

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/4"	13 3/8"	54.5#	200'	250 sx-To Surf
7 7/8"	4 1/2"	11.6#	7638'	Sufficient to cover 200' above Green River formation to protect oil shale

SEE ATTACHEMNTS FOR:

1. Location Plat
2. 10 Point Program
3. 13 Point Surface Use Plan
4. Location Layout
5. Topo Maps "A" & "B"
6. Diagram "A" - BOP Design
7. Diagram "B" - 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: 4-10-81

(This space for Federal or State office use)

PERMIT NO. APPROVAL DATE

APPROVED BY TITLE DATE

CONDITIONS OF APPROVAL, IF ANY:

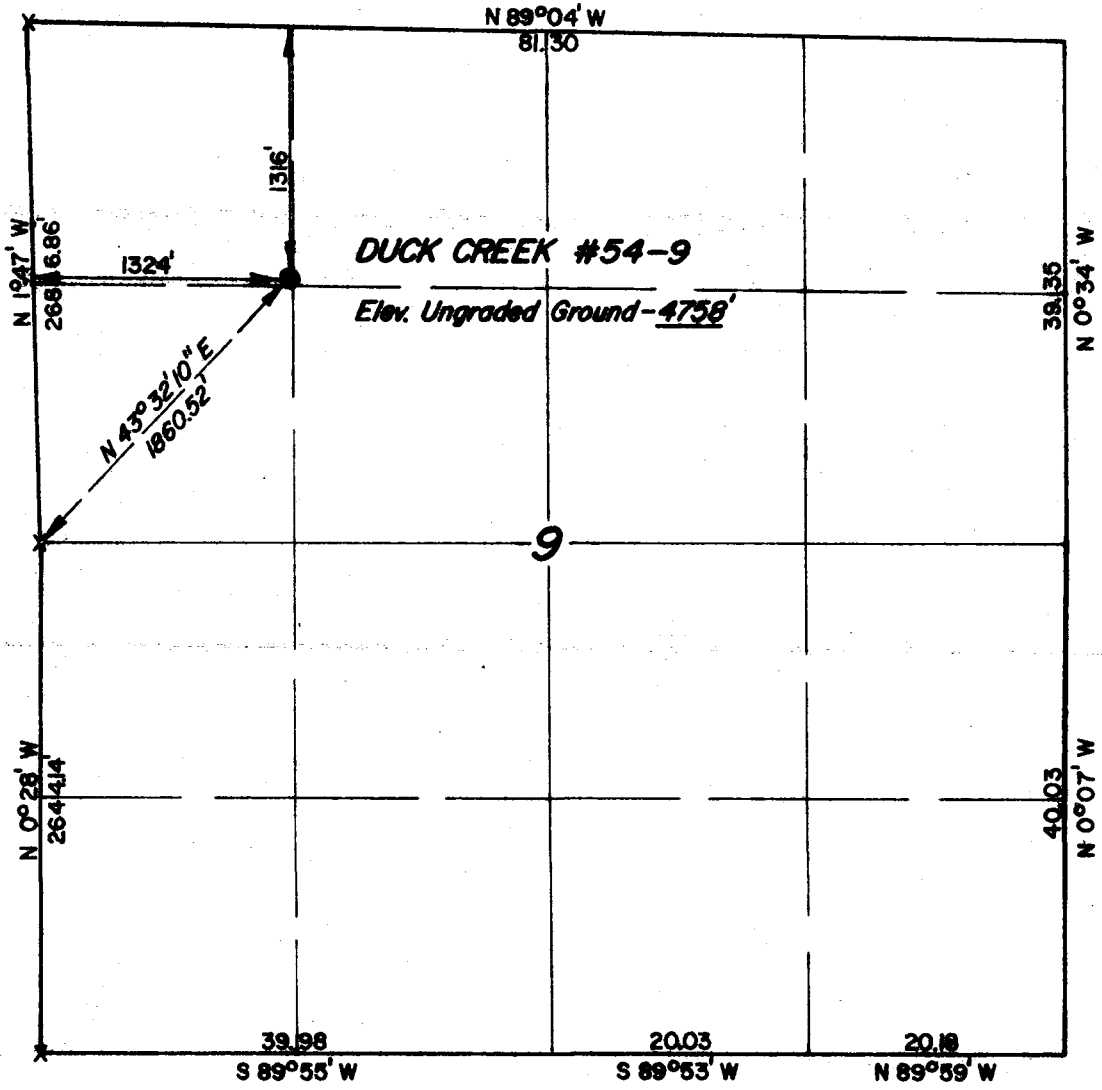
APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 6-26-81
BY: M. J. Minder

PROJECT

BELCO DEVELOPMENT CORP.

Well location, *DUCK CREEK #54-9*, located as shown in the NW 1/4 NW 1/4 Section 9, T 9 S, R 20 E, S.L.B. & M. Uintah County, Utah.

T 9 S, R 20 E, S.L.B. & M.



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.

Dana Stewart

REGISTERED LAND SURVEYOR
REGISTRATION Nº 3154
STATE OF UTAH

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

SCALE 1" = 1000'	DATE 3/24/81
PARTY GS SH WB	REFERENCES GLO Plat
WEATHER Clear / Warm	FILE BELCO DEVELOPMENT CORP.

** FILE NOTATIONS **

DATE: June 12, 81

OPERATOR: Belco Development Corporation

WELL NO: Duck Creek 54-9

Location: Sec. C NW 9 T. 9S. R. 20 E County: Uintah

File Prepared: ✓ Entered on N.I.D: ✓

Card Indexed: ✓ Completion Sheet: ✓

API Number 43-047-30982

CHECKED BY:

Petroleum Engineer: M. T. Minder 6-26-81

Director:

Administrative Aide: ok [illegible] ok on boundries. ok on any other oil & gas wells. This drill site will be the well for the NW¼.

APPROVAL LETTER:

Bond Required: ☐ Survey Plat Required: ☐

Order No. 187-2 8-20-80 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. ☐

June 29, 1981

Belco Development Co.
P. O. Box "X"
Vernal, Utah 84078

RE: Well No. Duck Creek #54-9
Sec. 9, T. 9S, R. 20E,
Uintah County, Utah

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with the Order issued in Cause No. 187-2,. As per Order 187-2, this is the gas well for the NW¼, of Sectiob 9.

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 (acquifers) 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 43-047-30982.

Sincerely,

DIVISION OF OIL, GAS, AND MINING

Michael T. Minder
Petroleum Engineer

MTM/db
CC: USGS

Form 9-331 C
(May 1963)

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

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7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: DUCK CREEK

9. WELL NO.: 54-9

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1a. TYPE OF WORK: DRILL [XX] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL: OIL WELL [ ] GAS WELL [XX] OTHER SINGLE ZONE [XX] MULTIPLE ZONE [ ]

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3. 13 Point Surface Use Plan
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5. Topo Maps "A" & "B"
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RECEIVED
DIVISION OF
OIL, GAS & MINING

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24.

SIGNED: J. C. Ball TITLE: District Engineer DATE: 4-10-81

(This space for Federal or State office use)

PERMIT NO.: APPROVAL DATE:

APPROVED BY: W P Martin FOR E. W. GUYNN DISTRICT ENGINEER TITLE: DATE: JUL 10 1981

CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

NOTICE OF APPROVAL

State O & G

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

Identification CER/EA No. 412-81

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 Development Corp.

Project Type Gas Well Development - Natural Buttes

Project Location 1324' FWL 1316' FNL Section 9, T. 9S, R. 20E

Well No. 54-9 Lease No. U-13633

Date Project Submitted April 13, 1981

FIELD INSPECTION Date May 28, 1981

Field Inspection Participants

Craig Hansen	USGS, Vernal
Lynn Hall	BIA, Ft. Duchesne
Rick Schatz	Belco

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.

June 8, 1981
Date Prepared

Craig Hansen
Environmental Scientist

I concur

JUN 15 1981
Date

W P Martens FOR E. W. GUYNN DISTRICT ENGINEER
District Supervisor

Typing In 6-8-81 Typing Out 6-9-81

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

Criteria 516 DM 2.3.A	Federal/State Agency: Correspondence (date)	Federal/State Agency: Phone check (date)	Federal/State Agency: Meeting (date)	Local and private correspondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
Public health and safety	BIA 6-11-81						2	5-28-81 2,4,6	
Unique characteristics	-						2	2,4,6	
Environmentally controversial	1						2	2,4,6	
Uncertain and unknown risks	1					2	2	2,4,6	
Establishes precedents							2	2,4,6	
Cumulatively significant	1						2	2,4,6	
National Register historic places	1								
Endangered/ threatened species	1								
Violate Federal, State, local, tribal law	1								

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 #54-9

1. Paint production facilities a tan color to blend in with the natural surroundings.
2. Flowlines will follow existing access roads.
3. Pile topsoil on southwest corner of location to insure rehabilitation efforts.
4. Low water crossings will be placed on access roads and access will be graveled to allow safe travel.
5. Operator will adhere to standard BIA surface stipulations.

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:
Land Operations, SMC

June 4, 1981

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

Dear Mr. Hansen:

Enclosed are Negative Declarations and Environmental Analysis for 12 Belco Development Corporation Well locations identified by Well No's 55-9, 54-9, 51-8GR, 52-16, 43-17GR, 44-17GR, 48-17GR, 46-17GR, 18-20GR, 47-17GR, 58-8GR, and 50-17GR.

The Operator's Surface Use and Operating Plan is adequate with the modification made at the on-site inspection and recorded in the U.S.G.S. Environmental Assessments.

The general stipulations (BIA) on file with your office and stipulations listed under item 4, Mitigating Measures, of each Environmental Analysis, are conditions of approval.

Sincerely yours,

R.W. Collins Jr

Superintendent

Enclosure

OPTIONAL FORM NO. 10
5010-108

UNITED STATES GOVERNMENT

Memorandum

TO : Acting Realty Officer

DATE: June 9, 1981

FROM : Soil Conservationist

SUBJECT: Environmental Analysis and Negative Declarations

Enclosed are Environmental Analysis and Negative Declarations for Belco Development Corp. to drill gas wells near Ouray, Utah.

R. Lynn Hall

R. Lynn Hall

FY: '81-94, '81-100,
'81-95, '81-101,
'81-96, '81-102,
'81-97, '81-103,
'81-98, '81-104,
'81-99, '81-105

Uintah and Ouray Agency
Environmental Analysis and Negative Declaration

1. Description of Proposal:

Belco Development Corp. proposes to drill an gas well# 54-9 to a proposed depth of 7638 feet; to construct approximately 0.4 miles of new access road; and upgrade approximately none miles of existing access road. The well site is located approximately 2 miles south of Ouray, Utah in the NWNW, Sec. 9, T 9S, R 20E, SLM.
1324' FWL & 1316' FNL

2. Description of the Environment:

The area is used for livestock grazing, wildlife, scenic qualities, hunting oil and gas drilling and production. The topography is rolling hills with sandy mesas and eroded valleys. The vegetation consists of Indian ricegrass, 4-winged saltbush, rabbit brush, shadscale, russian thistle, galletta, prickly pear,

. 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, __ bald eagle X, golden eagle, other rabbit, coyotes, reptiles, raptors, various rodents species, desert birds. 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 6-8 inches. The elevation is 4758 feet.

3. Environmental Impacts:

During construction of the well dust and exhaust emissions will affect air quality. Soil and vegetation will be removed from 4.5 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 mammals, __ pheasant, X dove, __ sage grouse, __ ruffle grouse, __ blue grouse, X rabbit, __ golden eagle, __ bald eagle, other various rodent and reptiles species, desert birds.

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 accellerated 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 __ high, X 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. Guynn, District Engineer, U.S. Geological Survey, dated February 13, 1980 will be implemented. Additional stipulations and changes to the 13 point surface use plan are: (1) Obtain right-of-way and required permits from the BIA (2) Compensate the surface owner for all damages. (3) Comply with all USGS, BIA, and Tribal Regulations and Ordinance. (4) Assume a continuing responsibility for operation and maintenance or roads, culverts, pipelines, and other facilities. (5) Take measures to prevent or reduce erosion, and revegetate all disturbed surface areas according to BIA specifications. (6) Comply with operating plan as modified at on-site evaluation and recorded in USGS EA# 412-81.

FY: '81-95

LEASE NO. U-13633
WELL NO. Belco 54-9

5. Unavoidable adverse effect

None of the adverse affects 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 longtern 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 accidently 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:

Craig Hansen - USGS

Rick Schatz - Belco Development Corp.

R. Lynn Hall 5-4-81

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 5-28-81, we have cleared the proposed location in the following areas of environmental impact:

Yes X No___ Listed threatened or endangered species

Yes X No___ Critical wildlife habitat

Yes X 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.

R. Lynn Hall 6-4-81
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).

L.W. Collins Jr
Superintendent

U. S. GEOLOGICAL SURVEY - CONSERVATION DIVISION

FROM: : DISTRICT GEOLOGIST, ME, SALT LAKE CITY, UTAH

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

SUBJECT: APD MINERAL EVALUATION REPORT LEASE NO. U-13633

OPERATOR: Belco WELL NO. 54-9

LOCATION: C NW¼ sec. 9, T. 9S., R. 20E., SLM

Uintah County, Utah

---

1. Stratigraphy:

Uintah	surface
Green River	2025'
Wasatch	5425'
TD	7640'

2. Fresh Water:

Fresh water may be present in the Uintah and upper Green River sandstones.

3. Leasable Minerals:

Oil Shale: Green River. The Mahogany zone should occur at ~ 2750' depth.

Saline Minerals: Green River. These may occur in a 800' rock interval immediately overlying the Mahogany.

Oil/Gas: lower Green River, Wasatch

4. Additional Logs Needed: Adequate

5. Potential Geologic Hazards: None expected

6. References and Remarks:

Signature: Gregory W. Wood Date: 4-21-81

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	2025'
Wasatch	5425'

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

Uinta	Sand & shale, possible water
Green River	Sand & shale, possible gas and oil shows
Wasatch	Sand and shale, anticipate gas

4. PROPOSED CASING PROGRAM:

   a) Surf Csg: 13 3/8" 54.5#, K-55 to 200', cement to surface
   b) Prod Csg: 4 1/2" 11.6#, K-55 to TD, will use enough cement to cover 200' over top of Green River formation

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

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

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

   It is proposed that the hole will be drilled to approx. 4000' with 3% KCL water in order to clean the hole. From 4000' 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 consit of DLL, CNL, FDC and Gamma Ray w/caliper.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

   It is not anticipated that abnormal pressures or temperatures will be encountered, nor that any other abnormal hazards such as H_2S gas will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF OPERATIONS:

    Anticipated starting date is 7-12-81. Drilling operations should be complete 2 1/2 weeks after they commence.

13 Point Surface Use Plan

DUCK CREEK FIELD

DC 54-9
DC 55-9
DC 52-16

Wasatch Gas Wells

1. EXISTING ROADS

A. For the location of the proposed well sites and existing roads, see the Topo maps marked "B", attached to the APD's. All the proposed wells are located in Sections 16 and 9, T9S, R20E, Uintah County, Utah. All wells are within 2 to 3 1/2 miles of Ouray, Utah.

B. The county road running south from Ouray, Utah takes you into the immediate vicinity of these wells. See attached Topo maps for proposed access routes.

C. The proposed access roads are outlined in detail on the Topo Maps marked "B" attached to each individual APD.

D. See Topo Maps "B".

E. Not applicable.

F. Access to the proposed well sites will be over the existing county road except for the proposed access roads. The proposed access roads will be crowned and ditched so as to accomodate rig traffic.

2. PLANNED ACCESS ROADS

See the Maps attached to each APD.

The planned access roads will comply with the general specifications as outlined.

A. Proposed access roads will be 32 foot crown roads, usable 16 feet on either side of the centerline, with drain ditches along either side of the proposed roads, where it is determined necessary in order to handle any run off from the normal weather conditions prevalent to this area.

B. Maximum grades of the proposed access roads will be 3% and will not exceed that amount.

C. No turnouts are planned for the length of the proposed access roads, so additional cut disturbances will be kept to a minimum. Line of site vision is such that turnouts are unnecessary.

D. Drainage design of the proposed roads will avoid unnecessary disturbance of the natural run off patterns. Drainage will be implemented so as not to cause siltation or accumulate any debris.

E. Surfacing material shall be the native borrow material from the cut areas and will be used to stabilize the road surfaces and the locations. No other material for construction is anticipated.

F. No fences will be crossed in order to access the proposed locations; No cattle guards will be needed.

G. The roads have been centerline staked for the full distance of the proposed routes.

3. LOCATION OF EXISTING WELLS

A. Water wells-None

B. Abandoned wells-None

C. Temporarily abandoned wells-None

D. Disposal wells-None

E. Drilling wells-DC 4-17, Gas well.

F. Producing wells- Phillips RJ 1 & 2, DC 41-8, DC 20-9, DC 8-16GR, DC 10-16GR, DC 18-16, DC 7-16GR, DC 17-16GR, DC 6-16GR, DC 16-16GR, DC 3-16GR, ND 4-21GR, DC 10-21GR, DC 11-21GR, NPU 34-Y, NBU 19-21, ND 8-15, ND 9-15, ND 6-15GR, ND 2-15GR, DC 5-16, DC 15-16, DC 14-16,

G. Shut in wells-none

H. Injection wells-None

I. 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-Section 16, DC 7-16GR, DC 3-16GR, DC 14-16GR, DC 5-16GR, DC 11-16GR, DC 6-16GR, DC 16-16GR. Section 21, ND 4-21, CIGE 28-21-9-20.

2. Production Facilities: Section 8, DC 41-8GR, Section 17, DC 24-17GR, Section 20, Sun 2 S.O., CIGE 32, NBU 21-20B, Section 21, ND 11-21GR, ND 10-21GR, ND 4-21GR, NBU 19-21B, CIGE 28 (NBU 34-Y) Section 16, DC 8-16GR, DC 7-16GR, DC 17-16GR DC 3-16GR, DC 16-16GR, DC 14-16GR, DC 15-16GR, DC 5-16GR, DC 11-16GR, DC 6-16GR, DC 18-16, DC 10-16GR.

3. Oil Gathering Lines: Buried oil line from DC 15-16GR to DC 5-16GR, oil line from 8-16 and 17-16 to 7-16, and from ND 9-15 to 8-15.

4. Gas gathering lines- Northwest Pipeline's gas gathering lines.

5. There are no injection lines in this area.

6. There are no disposal lines in the area.

B. Attached to each individual APD is a diagram marked "B" showing the production facilities to be utilized in the event of production of gas. All production facilities, tank batteries, separators, de-hys, etc., will be kept on the location pad.

Construction materials will be native borrow or cut exposed on the site and will be consistent with accepted oilfield 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 these wells will be hauled by truck from the White River. Access point for the water will be near the White River Bridge, 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, Utah, PSC #1969) on the above described access routes. See access routes on Topo Maps "B", attached to each APD. No new roads or pipelines will be needed for this purpose.

C. No water wells will be drilled.

6. SOURCE OF CONSTRUCTION MATERIALS

A. All construction materials for these locations and their access roads will 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 pits on the location pads.

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 these wells.

9. WELL SITE LAYOUT

See the Location Layout sheets attached to the individual APD's which show 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.

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 the wells produce 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 backfilled. 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 will 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 will begin within 90 days after the completion of the well. Once completion activities have begun, they will 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.

Livestock grazing, mineral exploration and production are the only surface use activities in the area. All lands involved with these locations are controlled by the BIA.

There is no water in the immediate vicinity of these locations, the Green River runs 1 to 3 miles to the north of these locations and also 3 to 4 miles to the west. No occupied dwellings or known archeaological or cultural sites are in this area.

12. Belco Development Corporation's representative for these operations 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 sites and access routes; that I am familiar with the conditions which presently exist, that the statements made in this Plan are to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Belco Development Corporation, it's contractors and subcontractors in conformity with this Plan and the terms and conditions under which it is approved.

DATE 4/10/81

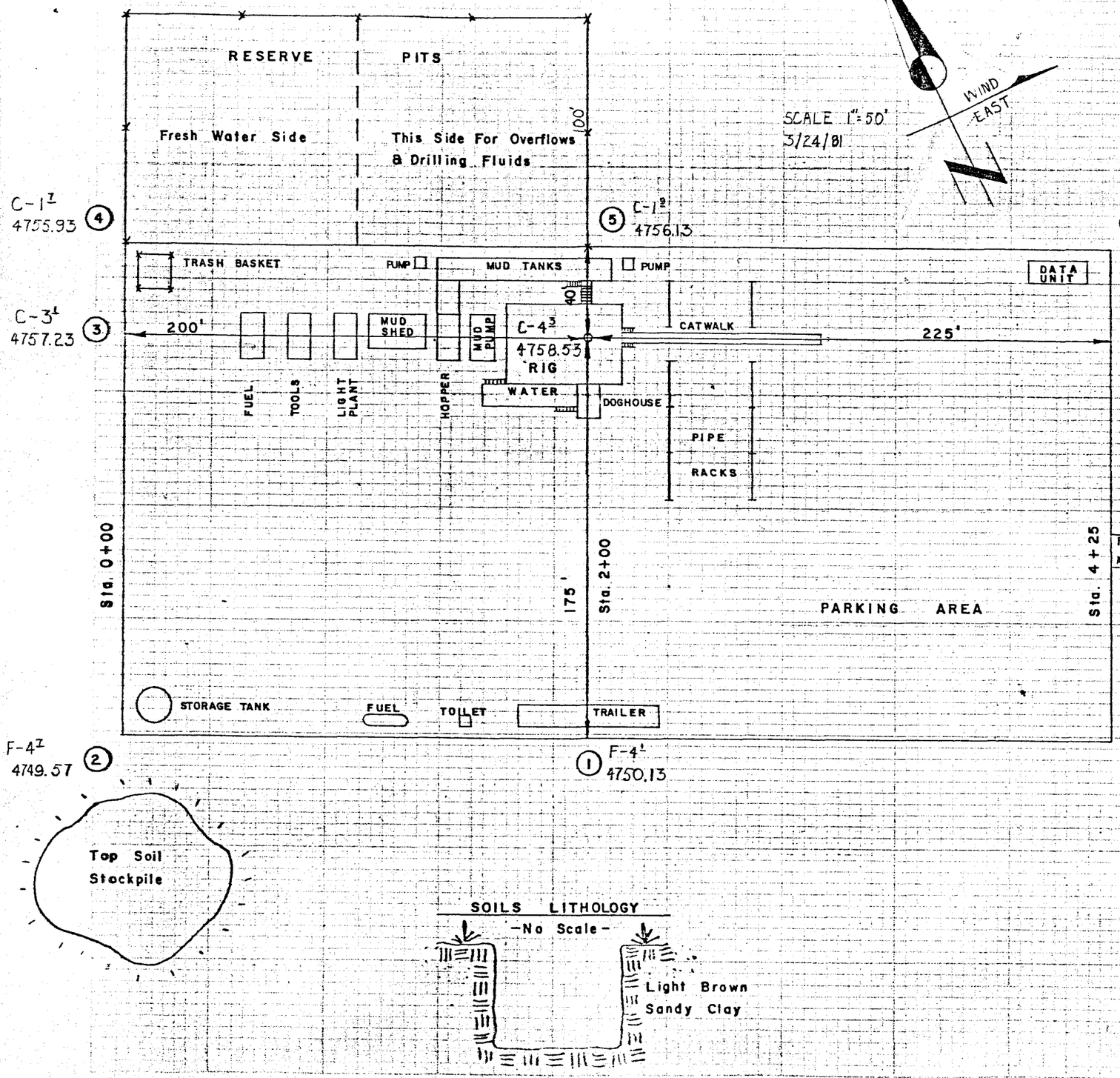
J. C. Ball

J. C. BALL
District Engineer

BELCO DEVELOPMENT CORP.

DUCK CREEK #54-9

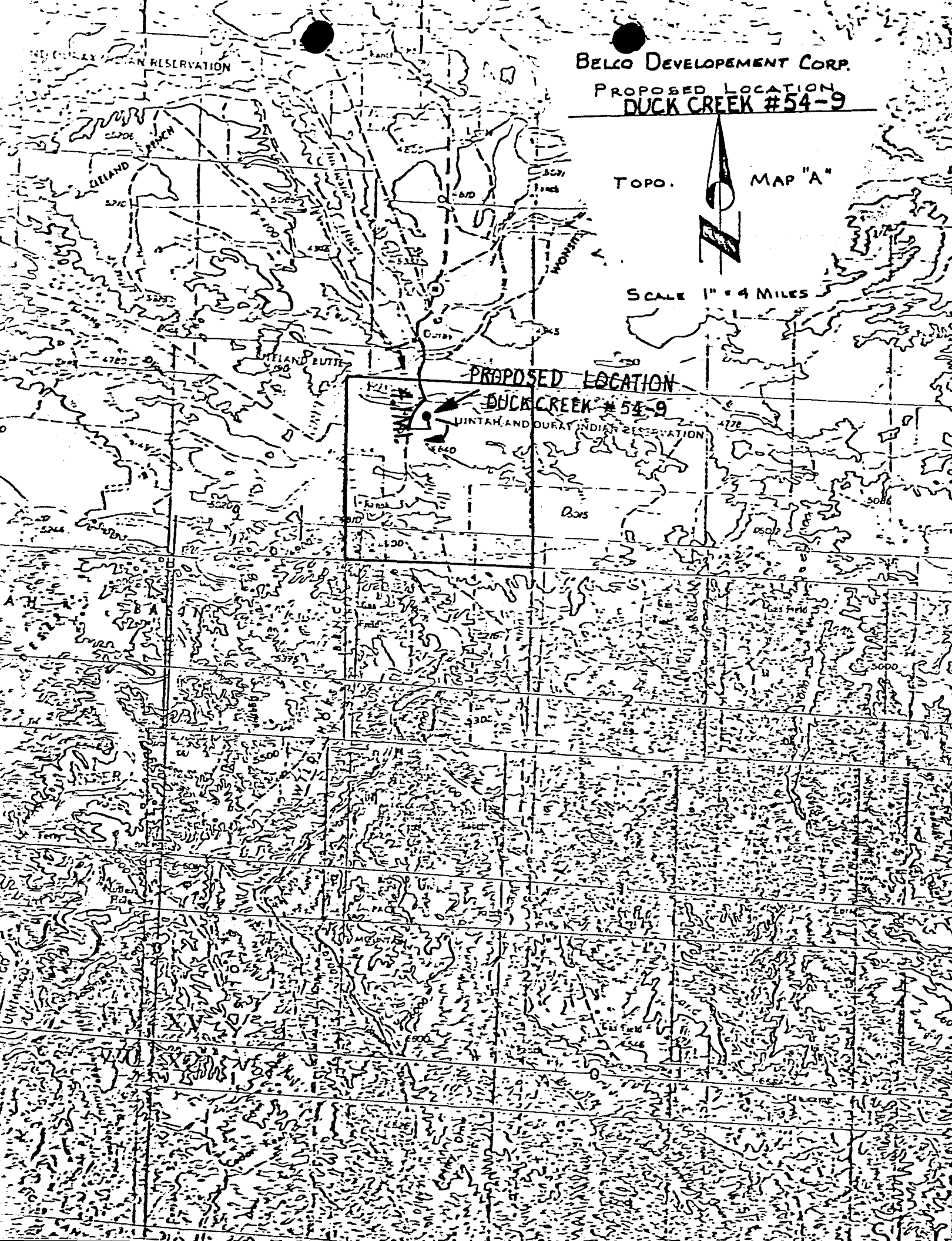
SEC. 9, T 9 S, R 20 E, S.L.B. & M.



APPROXIMATE YARDAGES

Cubic Yards Cut - 3,227

Cubic Yards Fill - 2,862


BELCO DEVELOPEMENT CORP.
PROPOSED LOCATION
DUCK CREEK #54-9
TOPO. MAP "A"
SCALE 1" = 4 MILES
PROPOSED LOCATION
DUCK CREEK #54-9
UINTAH AND OURAY INDIAN RESERVATION
RESERVATION
CLELAND BENCH
CLELAND BUTTE
WONSITS
Ouray
Gas Field
Ferry
Nutter Hole
MOUNTAIN
Gas Field

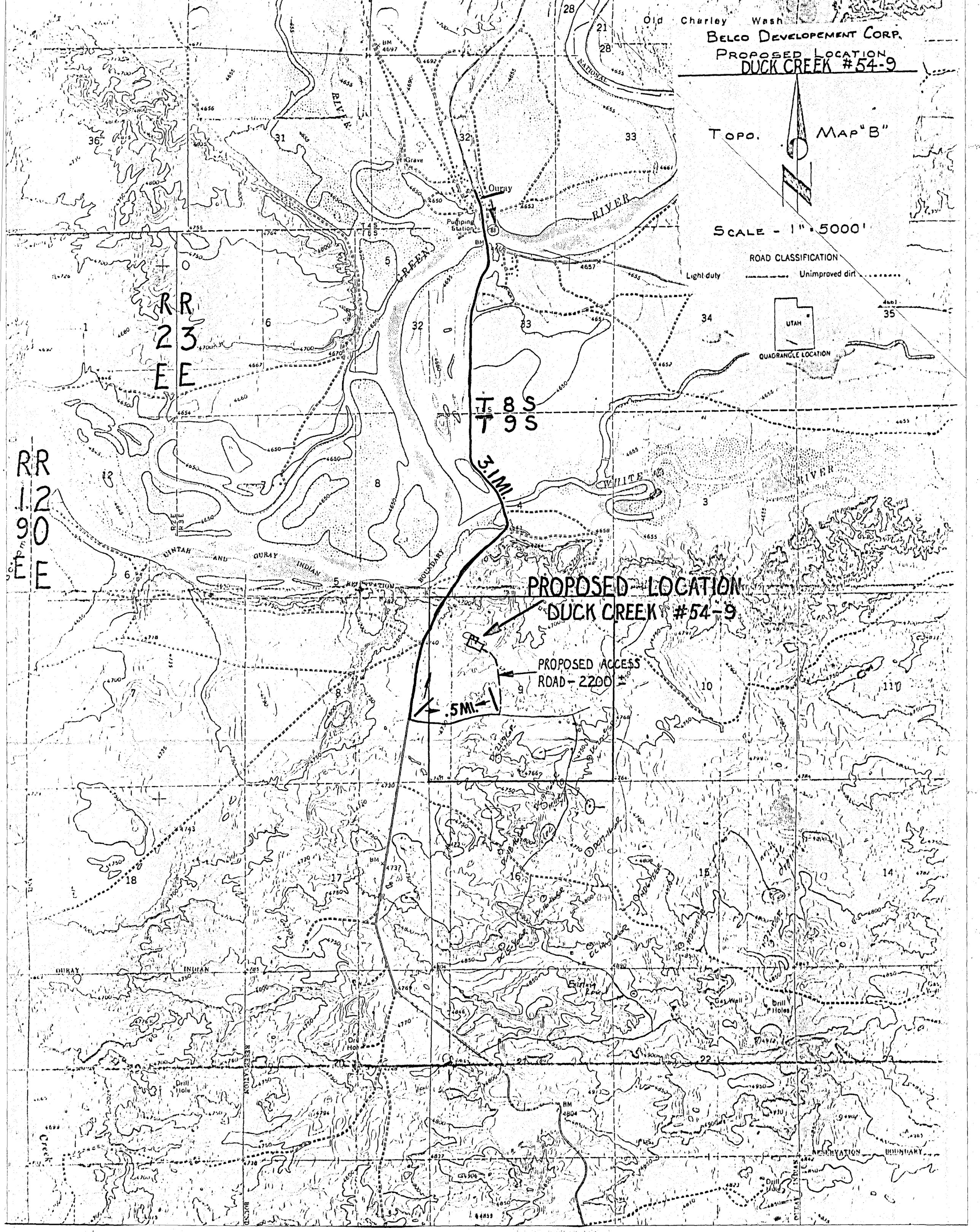

BELCO DEVELOPEMENT CORP.
PROPOSED LOCATION
DUCK CREEK #54-9
TOPO. MAP "B"
SCALE - 1" = 5000'
ROAD CLASSIFICATION
Light duty
Unimproved dirt
UTAH
QUADRANGLE LOCATION
Old Charley Wash
NATIONAL
RIVER
WHITE
RIVER
GREEN
Ouray
Pumping Station
Grave
T 8 S
T 9 S
RR 23 E
RR 20 E
3.1MI.
.5MI.
PROPOSED LOCATION
DUCK CREEK #54-9
PROPOSED ACCESS
ROAD - 2200 ±
UINTAH AND OURAY INDIAN RESERVATION BOUNDARY
Existing Road
Gas Well
Drill Holes
Drill Hole
RESERVATION BOUNDARY

DIAGRAM "A"
BELCO DEVELOPMENT CORPORATION
BOP DESIGN

DUCK CREEK 54-9

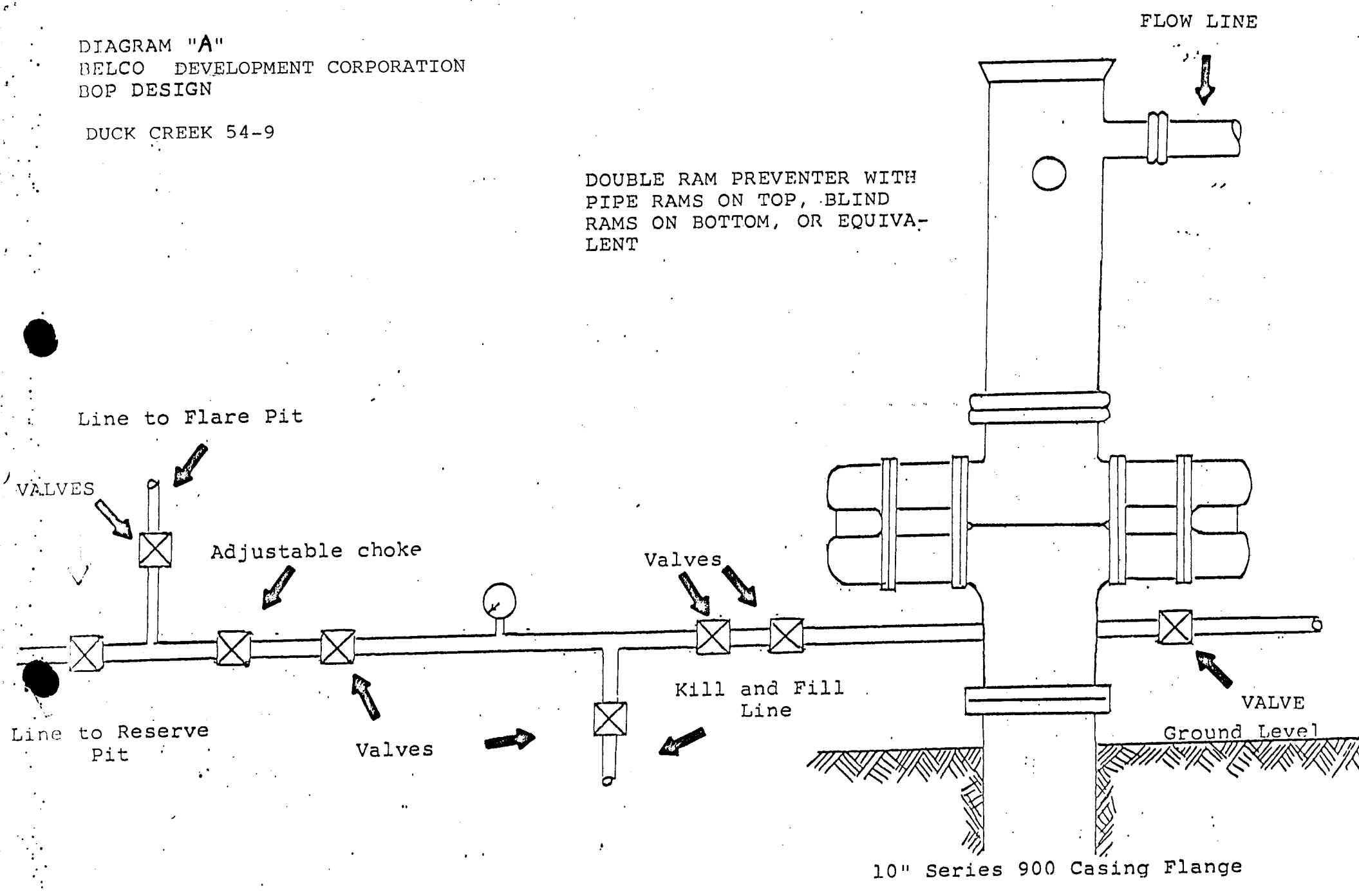
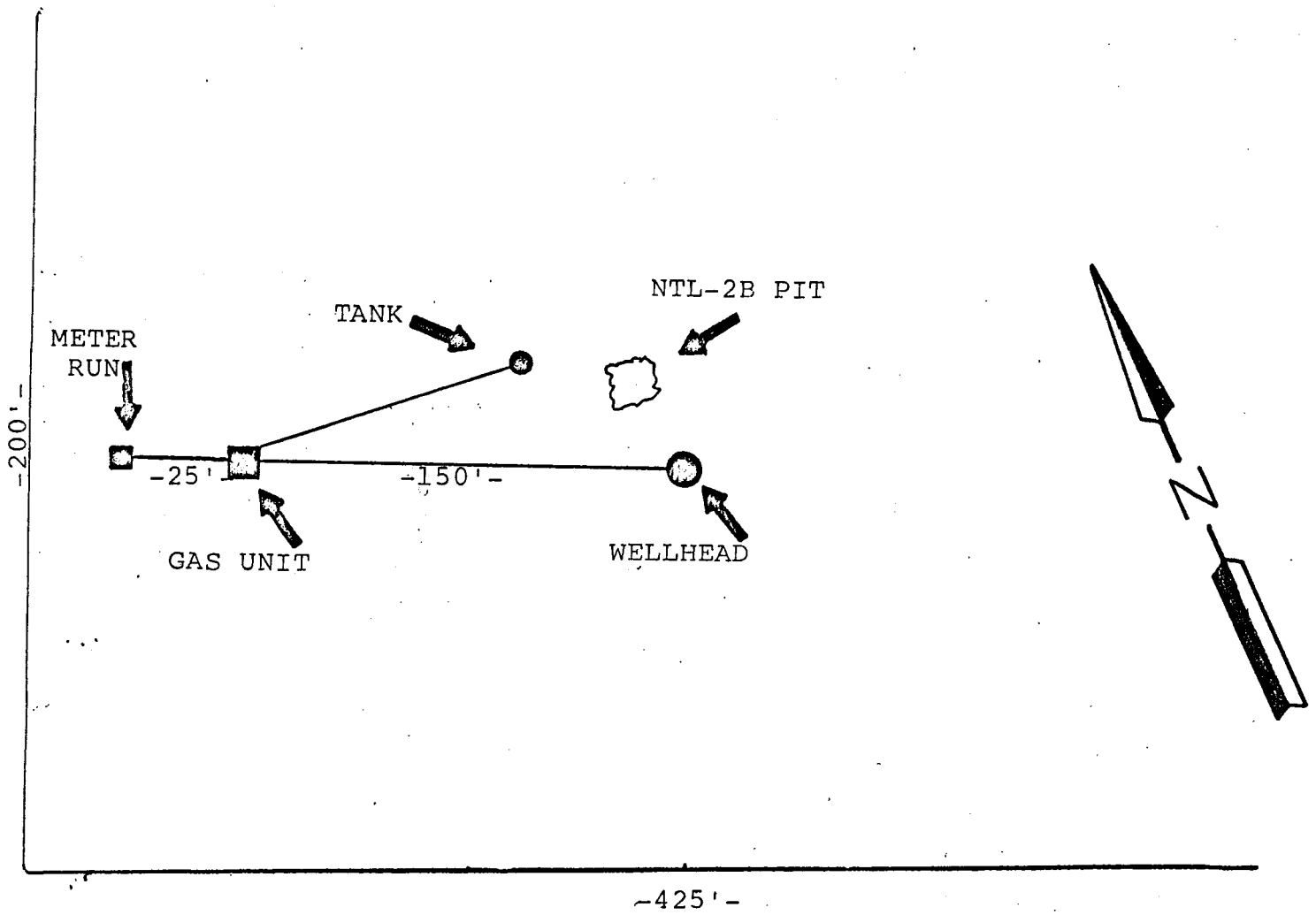


DIAGRAM "B"
PRODUCTION FACILITIES SCHEMATIC
BUCK CREEK 54-9



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 3, 1982

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

Re: See attached

Gentlemen:

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

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

Cari Furse

Cari Furse
Clerk Typist

Board/Charles R. Henderson, Chairman • John L. Bell • E. Steele McIntyre • Edward T. Beck
Robert R. Norman • Margaret R. Bird • Herm Olsen

an equal opportunity employer • please recycle paper

Well No. Duck Creek 56-8GR
Sec.8, T. 9S, R. 20E.
Uintah County, Utah

Well No. Duck Creek #57-8GR
Sec. 8, T. 9S, R. 20E.
Uintah County, Utah

Well No. Duck Creek #58-8GR
Sec. 8, T. 9S, R. 20E.
Uintah County, Utah

Well No. Duck Creek #59-8GR
Sec. 8, T. 9S, R. 20E.
Uintah County, Utah

Well No. Duck Creek #54-9
Sec. 9, T. 9S, R. 20E.
Uintah County, Utah

Well No. Duck Creek #55-9
Sec. 9, T. 9S, R. 20E.
Uintah County, Utah

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

Well No. Duck Creek #13-17GR
Sec. 17, T. 9S, R. 20E.
Uintah County, Utah

Well No. Duck Creek #43-17GR
Sec. 17, T. 9S, R. 20E.
Uintah County, Utah

Well No. Duck Creek #44-17GR
Sec. 17, T. 9S, R. 20E.
Uintah County, Utah

Well No. Duck Creek #45-17GR
Sec. 17, T. 9S, R. 20E.
Uintah County, Utah

Well No. Duck Creek #46-17GR
Sec. 17, T. 9S, R. 20E.
Uintah County, Utah

Well No. Duck Creek #47-17GR
Sec. 17, T. 9S, R. 20E.
Uintah County, Utah

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

Well No. Duck Creek #49-17GR
Sec. 17, T. 9S, R. 20E.
Uintah County, Utah

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

Well No. Natural Duck #17-20GR
Sec. 20, 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 Duck #19-20GR
Sec. 20, T. 9S, R. 20E.
Uintah County, Utah

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

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

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

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

Well No. Natural Duck #15-21GR
Sec. 21, T. 9S, R. 20E.
Uintah County, Utah

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

Belco Development Corporation

Belco

March 8, 1982

State of Utah
Division of Oil, Gas and Mining
1588 West North Temple
Salt Lake City, Utah 84116

Attn: Cari Furse

RE: See attached list

Dear Ms Furse,

All wells as listed on the attached sheet are being considered by Belco Development Corporation for drilling sometime this year. No activity has taken place on any location as of this date. Belco will notify you when the location is spudded. The Duck Creek 52-16GR well is still waiting on USGS approval.

Sincerely,

Kathy Knutson

Kathy Knutson
Engineering Clerk

/kk

cc: File

RECEIVED
MAR 11 1982
DIVISION OF
OIL, GAS & MINING

Well No. Duck Creek 56-8GR
Sec.8, T. 9S, R. 20E.
Uintah County, Utah

Well No. Duck Creek #57-8GR
Sec. 8, T. 9S, R. 20E.
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Sec. 8, T. 9S, R. 20E.
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Uintah County, Utah

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

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

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

Well No. Natural Duck #15-21GR
Sec. 21, T. 9S, R. 20E.
Uintah County, Utah

3

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

July 15, 1982

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

Re: Rescind Applications for Permit
to Drill
Well Nos. 54-9 and 55-9
Section 9-T9S-R20E
Uintah County, Utah
Lease No. U-13633

Gentlemen:

The Applications for Permit to Drill the referenced wells were approved on July 10 and July 13, 1981. Since that date no known activity has transpired at the approved locations. Under current 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 applications without prejudice. If you intend to drill at these locations at a future date, new applications for permit to drill must be submitted.

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

Sincerely,

E. W. Guynn
District Oil & Gas Supervisor

bcc: SMA
State O&G
State BLM
MMS-Vernal
Well File
APD Control
DH/dh