

FILE NOTATIONS

Entered in NID File ✓
Location Map Pinned
Card Indexed ✓

Checked by Chief
Approval Letter
Disapproval Letter

COMPLETION DATA:

Date Well Completed
OW..... WW..... TA.....
GW..... OS..... PA.....

Location Inspected
Bond released
State or Fee Land

LOGS FILED

Driller's Log.....
Electric Logs (No.)
E..... I..... Dual I Lat..... GR-N..... Micro.....
BHC Sonic GR..... Lat..... MI-L..... Sonic.....
CBLog..... CCLog..... Others.....

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. UTAH 0577A	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR BELCO DEVELOPMENT CORPORATION			7. UNIT AGREEMENT NAME NATURAL BUTTES UNIT	
3. ADDRESS OF OPERATOR P. O. BOX 250, BIG PINEY, WYOMING, 83113			8. FARM OR LEASE NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*) At surface 891' FNL & 965' FEL (NE NE) At proposed prod. zone SAME			9. WELL NO. 46-26B	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*			10. FIELD AND POOL, OR WILDCAT NBU - WASATCH	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 2133'			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA. SEC. 26, T9S, R20E	
16. NO. OF ACRES IN LEASE 2080			12. COUNTY OR PARISH 13. STATE UINTAH UTAH	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.			17. NO. OF ACRES ASSIGNED TO THIS WELL	
19: PROPOSED DEPTH 8250'			20. ROTARY OR CABLE TOOLS ROTARY	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4853' NAT GL			22. APPROX. DATE WORK WILL START* 7/78	

State of Utah, Department of Natural Resources
Division of Oil, Gas, and Mining
1500 West North Temple
Salt Lake City, Utah 84116

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 Robert Spingma TITLE ENGINEERING TECHNICIAN DATE 6/21/78.
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY H.B. Hamer TITLE ENGINEER DATE NOV 14 1978
CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED
TO OPERATOR'S COPY

NOTICE OF APPROVAL

NECESSARY FLARING OF GAS DURING
DRILLING AND COMPLETION APPROVED
SUBJECT TO ROYALTY (NTL-4)

State O&G

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

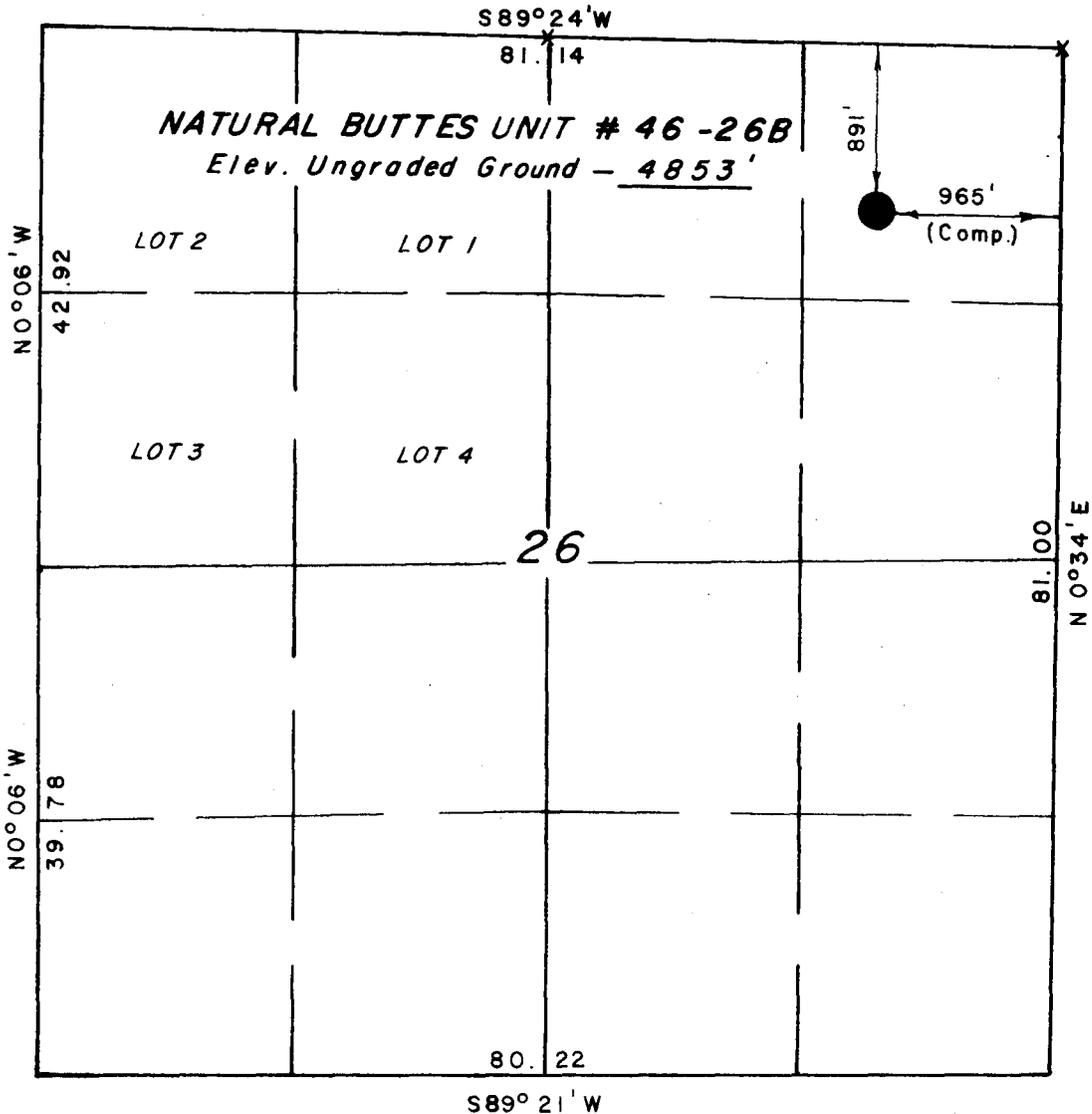
PROJECT

BELCO PETROLEUM CORP.

Well location, *NATURAL BUTTES UNIT # 46-26B*, located as shown in the NE 1/4 NE 1/4 Section 26, T9S, R20E, S.L.B.&M. Uintah County, Utah.

NOTE:

Elev. Ref. Pt. 200' S14° 42' 21" W = 4854.83'
 " " " " N75° 17' 39" W = 4850.50'
 " " " " N14° 42' 21" E = 4854.48'
 " " " " S75° 17' 39" E = 4854.48'



CERTIFICATE

I HEREBY CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF A TRIANGULAR SURVEY MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

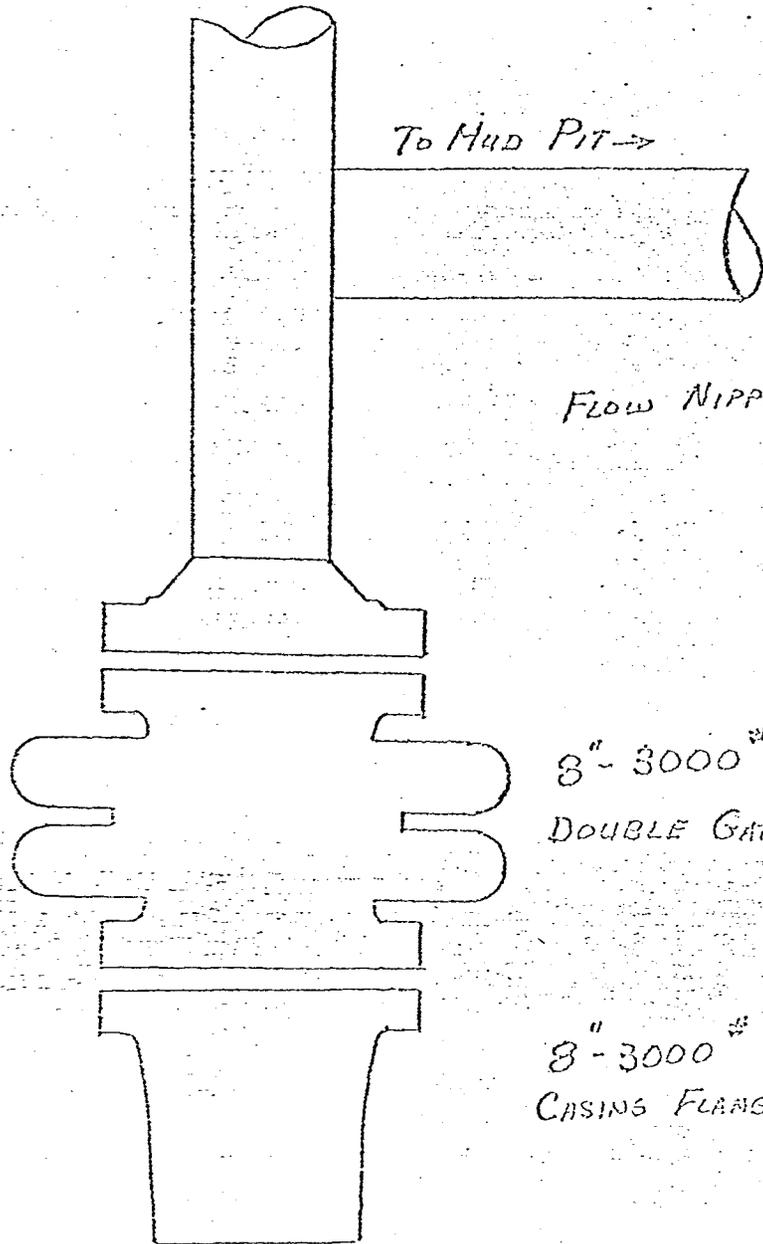
James Stewart

REGISTERED LAND SURVEYOR
 REGISTRATION NO 3154
 STATE OF UTAH

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

SCALE 1" = 1000'	DATE 6 / 13 / 78
PARTY DA DS JB RP	REFERENCES GLO Plat
WEATHER Fair	FILE BELCO PETROLEUM CORP.

X = Section Corners Located



MINIMUM BOP
DIAGRAM

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. Uth-0577A

OPERATOR: Belco Development Corporation

WELL NO. 46-26B

LOCATION: 1/4 NE 1/4 NE 1/4 sec. 26, T. 9S, R. 20E, S14

Uintah County, Utah

1. Operator predicted stratigraphy and predicted hydrocarbon zones are adequate? yes
If not, USGS predictions are:

2. Fresh water aquifers probable below surface casing? yes. Useable and/or saline water may be present in the Green River fm.

3. Other probable leasable minerals? yes. Gilsonite veins run through this area & may be encountered. Oil shale occurs in the Mahogany zone of the Parachute Mbr. of the Green River fm. The Mahogany zone will be encountered at a depth of about 2450'. Saline minerals may be present between
4. Are hazardous fluids or gases likely? none anticipated by operator | 1650' and 2450'.

5. Are abnormal conditions of pressure or temperature likely? none anticipated by operator

6. Will any strata penetrated need special mud, casing, or cementing beyond that proposed in the APD? unknown

7. Is additional logging or sampling needed? no. Run logs through oil shale zone & overlying saline mineral-bearing strata.

8. References - remarks: USGS Files, Salt Lake City, Utah
Is location within 2 miles of a KGS? yes. Lies within Bitter Creek KGS.

Belco Petroleum Corporation

Belco

June 20, 1978

Mr. Edgar W. Guynn, District Engineer
United States Geological Survey
8440 Federal Building
Salt Lake City, Utah 84138



RE: Natural Buttes Unit 46-26B
NE NE Section 26, T9S, R20E
Uintah County, Utah

Natural Buttes Unit 47-27B
SE NW Section 27, T9S, R20E
Uintah County, Utah

Natural Buttes Unit 48-29B
NW NE Section 29, T9S, R20E
Uintah County, Utah

Dear Mr. Guynn:

Attached are Applications for Permit to Drill and
Surface Use and Operating Plans for the referenced wells.

Very truly yours,

BELCO DEVELOPMENT CORPORATION

**ORIGINAL SIGNED BY
LEO R. SCHUELER**

Leo R. Schueler
District Manager

RAS/rgt

Attachments

cc: **Utah Division of Oil, Gas & Mining**
Gas Producing Enterprises, Inc., Mr. Wendell Cole
Houston
Denver
File

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 250, BIG PINEY, WYOMING, 83113

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface
 891' FNL & 965' FEL (NE NE)
 At proposed prod. zone
 SAME

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

5. LEASE DESIGNATION AND SERIAL NO.
 UTAH 0577A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
 NATURAL BUTTES UNIT

8. FARM OR LEASE NAME

9. WELL NO.
 46-26B

10. FIELD AND POOL, OR WILDCAT
 NBU - WASATCH

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 SEC. 26, T9S, R20E

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)
 2133'

16. NO. OF ACRES IN LEASE
 2080

17. NO. OF ACRES ASSIGNED TO THIS WELL

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 8250'

20. ROTARY OR CABLE TOOLS
 ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 4853' NAT GL

22. APPROX. DATE WORK WILL START*
 7/78

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/2"	9-5/8"	36.0# K-55	200'	200 sx
7-7/8"	4 1/2"	11.6# K-55	8250'	1000 sx

1. SURFACE FORMATION - Uinta
2. EST LOG TOPS: Green River 1477', Wasatch 5037'.
3. Anticipate water thru the Uinta, oil & gas sands in the Green River from 3175'-5037', and gas sands in the Wasatch from 5037' to TD.
4. CASING DESIGN: New casing as above.
5. MINIMUM BOP: 8" 3000 psi hydraulic double gate. Test to 1000 psi prior to drilling surface plug. Test on each trip for bit.
6. MUD PROGRAM: A water base gel-chemical mud weighted to 10.5 ppg will be used to control the well.
7. AUXILIARY EQUIP: 2" 3000 psi choke manifold and kill line, kelly cock, stabbing valve, visual mud monitoring.
8. TESTING, LOGGING, & CORING: No cores or DST's are anticipated. Run DIL, FDC-CNL-GR logs.
9. No abnormal pressures or problems are anticipated.
10. Operations will commence approx 7/78 and end approx 8/78.

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 Robert Springman TITLE ENGINEERING TECHNICIAN DATE 6/21/78.

(This space for Federal or State office use)
 PERMIT NO. 43-047213-450 APPROVAL DATE

APPROVED BY _____ TITLE _____ DATE: 6-28-78

CONDITIONS OF APPROVAL, IF ANY: _____ BY: Chas. B. Gault



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

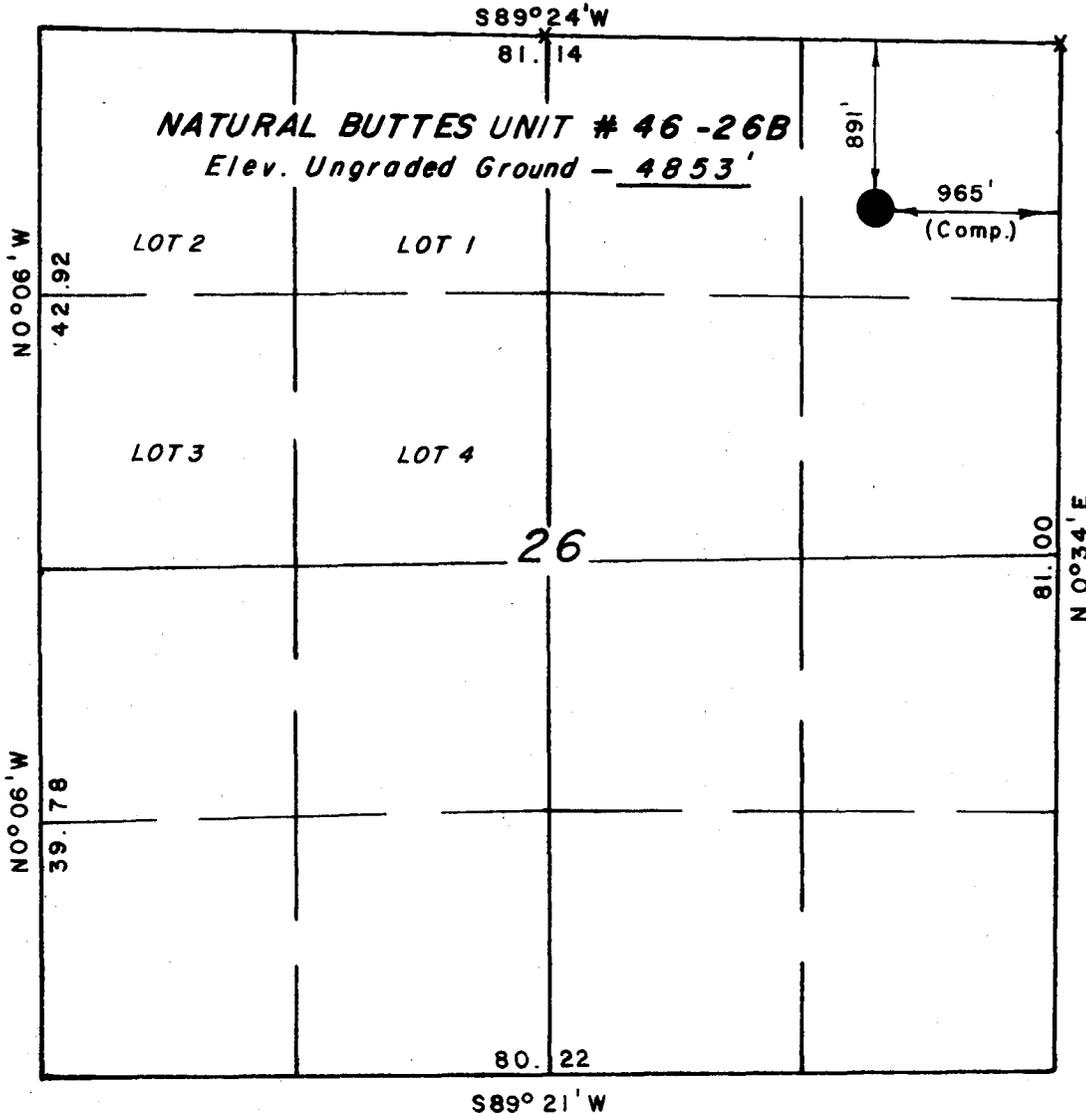
PROJECT

BELCO PETROLEUM CORP.

Well location, *NATURAL BUTTES UNIT # 46-26B*, located as shown in the NE 1/4 NE 1/4 Section 26, T9S, R20E, S.L.B.&M. Uintah County, Utah.

NOTE:

Elev. Ref. Pt. 200' S 14° 42' 21" W = 4854.83'
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Dane Stewart

REGISTERED LAND SURVEYOR
 REGISTRATION NO 3154
 STATE OF UTAH

UTAH ENGINEERING & LAND SURVEYING P.O. BOX Q - 110 EAST - FIRST SOUTH VERNAL, UTAH - 84078	
SCALE 1" = 1000'	DATE 6 / 13 / 78
PARTY DA DS JB RP	REFERENCES GLO Plat
WEATHER Fair	FILE BELCO PETROLEUM CORP.

X = Section Corners Located

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

** FILE NOTATIONS **

Date: June 26
Operator: Belco Dev. Co.
Well No: Natural Buttes 46-26B
Location: Sec. 26 T. 9S R. 20E County: Uintah

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

API NUMBER: 43-047-30450

CHECKED BY:

Administrative Assistant [Signature]

Remarks: OK - Unit Well

Petroleum Engineer [Signature]

Remarks:

Director [Signature]

Remarks:

INCLUDE WITHIN APPROVAL LETTER:

Bond Required: [Signature] Survey Plat Required:

Order No. Surface Casing Change
to _____

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

O.K. Rule C-3 O.K. In Nat Buttes Unit

Other:

Letter ~~Written~~ Approved

No. 1185

USUAL ENVIRONMENTAL ANALYSIS

Operator: Belco Development Corp. Well Name & No.: 46-26B
Location: 891' FNL & 965 FEL NE NE Sec. 26 9 S. 20 E.
County: Uintah State: Utah Lease No.: Utah 0577A
Field: NBU - Wasatch Unit: _____ Well Type: Gas

Date Inspected: July 7, 1978
Inspector(s): Howard Lemm
Title(s): Petroleum Engineer
Prepared by: Howard Lemm
Petroleum Engineer Billings, Montana

Other Agencies or Representatives Concurrence:

<u>Steve Ellis</u>	<u>Yes</u>
_____	_____
_____	_____

Major Federal Action Under NEPA No

zac

Reviewed by:

George Diwachak
Environmental Scientist
Salt Lake City, Utah

*noted
George
Diwachak*

The following participated in a joint inspection of the proposed wellsite and access road.

<u>NAME:</u>	<u>REPRESENTING:</u>	<u>TITLE:</u>	<u>STATIONED IN:</u>
Howard Lemm	USGS	Pet. Eng.	Billings, Mont.
Steve Ellis	BLM	Geologist	Vernal, Utah
Al Maxfield	Belco	Field Supt.	Vernal, Utah
Bud Pease	Dist. Cont.		Vernal, Utah

Proposed Action:

Operator Name: Belco Dev. Corp.

Lease Number: Utah 0577A

Well Name & No.: 46-26 B

Location: 891' FNL & 965' FEL

Location moved from: The location was left as staked.

Changes in access road: No changes were made.

Surface ownership: Federal

Objectives (oil or gas, proposed depth, zone, etc.): This is an 8250' gas test of the Wasatch.

Time frame: Drilling would begin upon approval, and would last approximately 30 days.

Details of the operator's NTL-6 10-Point Subsurface and 13-Point Surface Protection Plans have been reviewed and are on file in the USGS District Office in Billings, Montana, and the USGS Northern Rocky Mountain Area Office in Casper, Wyoming.

A working agreement has been reached with the Bureau of Land Management, the controlling surface agency. Rehabilitation plans would be decided upon as the well neared completion; the Surface Management Agency would be consulted for technical expertise on those arrangements. Written concurrence of the surface managing agency is on file.

Environmental Considerations:

The environmental considerations of this proposed action have been categorized into six parameters. These are: geology, soils, air, water, fauna and flora, and socio-economics and land use.

The following is a breakdown of these parameters with emphasis given to those considerations of special significance to this proposed action.

Geology:

Regional Physiography: The area is a sparsely vegetated flat bench. The location is also flat.

Surface Geology: Uintah Formation.

Potential Producing Zones and Depth: The Wasatch at approximately 6000 ft.

Major Geologic Hazards: None.

Seismic Risk: Minor.

Other Mineral Development in Area: Oil and gas development is the only mineral development of the area.

Soils:

The soil is composed almost entirely of sand.

Air:

Meteorology:

Temperature Extremes: -30°F to 110°F .

Annual Precipitation: Approximately 8".

Wind: Primarily from the north.

Toxic or noxious gases that may be encountered: None.

Air Quality:

During the life of the project, but primarily during the drilling, dust levels and exhaust pollutants would increase. It is not expected that any long lasting, detrimental reduction in overall air quality would result from the proposed action.

Water:

Nearest Permanent Water or Significant Drainage: The White River is approximately 3 miles to the north.

Water Wells in Area: There are no water wells in the area.

The potential for spills, leaks, and related accidents would be present. However, a berm will be used to prevent spill-related damages in situations where drainages border the location. The pits will be unlined while drilling. If the well is a producer, and water disposal is involved, the operator must apply under USGS regulation NTL-2B for approval of whatever method he chooses for disposal of the produced water.

The operator's NTL-6 10-Point Subsurface and 13-Point Surface Protection Plans contain further information on protection of both the surface and subsurface waters of the area.

Fauna and Flora:

Area Wildlife: Mule deer, rabbits, coyotes, various prairie birds, and small rodents.

Vegetation: Vegetation is sparse consisting mainly of native grasses and cactus.

Known Endangered and/or Threatened Species of Plants or Animals: None are known or thought to be in this area.

Animals and vegetation of the area would be disturbed for the life of the project. If the project was to produce hydrocarbons, adjustments in habitat occupancy would be expected. No significant disturbance of nesting and/or breeding areas and migration routes is expected. At abandonment, normal rehabilitation of the area such as contouring, reseeding, etc., would be undertaken with an eventual return to the present status as outlined in the 13-Point Surface Plan.

Socio-Economics and Land Use:

Nearest Town and Direction: Ouray, Utah, is approximately 5.5 miles to the northwest.

Nearest Dwellings and Direction: There are no dwellings within a two-mile radius.

Wellsite Location in Reference to Existing Production: This well is within the NBU-Wasatch field.

Significant Areal Historical, Cultural or Archaeological Sites: None are known to exist in this area.

Archaeological Inspection and Clearance From:

Primary Land Use: Livestock grazing.

Area of Wellpad Disturbance: Approximately 2 acres.

Area of Access Road Disturbance: The new access road would be approximately 0.5 miles long, and would be about 24 feet wide.

Estimated Cut and Fill: No cut or fill will be needed.

Area of Disturbance for Additional Producing or Treating Facilities, (if producer): No additional disturbance will be required.

Parks, forests, wildlife refuges or other formally designated recreation facilities in area: None in this area.

Method of Solid Waste Disposal: Solid wastes will be buried.

The economic and environmental impact of a single well is normally somewhat negligible. But should this well discover a significant new hydrocarbon source, local, State, and National economies might be improved. In this instance, other development wells would be anticipated, with substantially greater environmental and economic impacts.

The proposed location is within a Bureau of Land Management Planning Unit. The study includes additional information on the environmental impact of oil and gas operations in this area and gives land use recommendations. The EAR is on file in the agency's State offices and is incorporated herein by reference.

Alternatives to the Proposed Action:

Alternate locations, with due consideration given to environmental factors, were examined. No viable, alternate sites could be selected that were within the legal boundaries of the lease. To not allow surface occupancy is the only other alternative.

Unavoidable Adverse Environmental Effects of the Proposed Action:

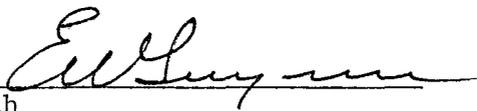
Surface scars resulting from construction work to the wellpad and access road would be visible for the life of the project and for a period of time after abandonment until rehabilitation is completed. The disturbed areas would not be available for farming or grazing purposes during the project's lifetime. Relocation of area wildlife would be anticipated. Possibilities for spills and resultant erosion would exist, and a certain amount of air pollution from dust and exhaust fumes would also occur, as would an increase in noise levels. However, it is not anticipated that any of these adverse effects would cause a significant, lasting degradation of the environment.

Controversial Issues and Conservation Division Responses:

None received.

Determination:

This requested action does not constitute a major Federal action significantly affecting the environment in the sense of NEPA, Section 102(2)(c).

District Engineer: 
Salt Lake City, Utah



SCOTT M. MATHESON
Governor

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

CLEON B. FEIGHT
Director

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
May 24, 1979

OIL, GAS, AND MINING BOARD

CHARLES R. HENDERSON
Chairman

JOHN L. BELL
C. RAY JUVELIN
THADIS W. BOX
CONSTANCE K. LUNDBERG
EDWARD T. BECK
E. STEELE McINTYRE

Belco Development Corporation
P. O. Box 250
Big Piney, Wyoming 83113

Re: PLEASE SEE ATTACHED SHEET FOR
LIST OF WELLS AND MONTHS DUE

(46-26B)

Gentlemen:

Our records indicate that you have not filed a Monthly Report of Operations for the months indicated above on the subject wells.

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC-1b, (U.S. Geological Survey Form 9-331) "Sundry Notices and Reports on Wells", or on company forms containing substantially the same information. We are enclosing forms for your convenience.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

Kathy Avila

KATHY AVILA
RECORDS CLERK

Attachment, Monthly Reports Due:

- 1) Well No. Natural Buttes Unit 42-35B
Sec. 35, T. 9S, R. 20E,
Uintah County, Utah
November 1978 thru' March 1979
- 2) Well No. Natural Buttes Unit 44-25B
Sec. 25, T. 9S, R. 20E,
Uintah County, Utah
January 1979 thru' March 1979
- 3) Well No. Natural Buttes Unit 46-26B
Sec. 26, T. 9S, R. 20E,
Uintah County, Utah
December 1978 thru' March 1979
- 4) Well No. Natural Buttes Unit 48-29B
Sec. 29, T. 9S, R. 20E,
Uintah County, Utah
September 1978 thru' March 1979
- 5) Well No. Natural Buttes Unit 49-12B
Sec. 12, T. 9S, R. 20E,
Uintah County, Utah
November 1978 thru' March 1979
- 6) Well No. Natural Buttes Unit 50-19B
Sec. 19, T. 9S, R. 21E,
Uintah County, Utah
November 1978 thru' March 1979
- 7) Well No. Natural Buttes Unit 51-31B
Sec. 31, T. 9S, R. 21E,
Uintah County, Utah
July 1978 thru' March 1979
- 8) Well No. Natural Buttes Unit 56-11B
Sec. 11, T. 9S, R. 21E,
Uintah County, Utah
November 1978 thru' March 1979
- 9) Well No. Natural Buttes Unit 57-12B
Sec. 12, T. 9S, R. 21E,
Uintah County, Utah
November 1978 thru' March 1979

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

UTAH 0577A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

NATURAL BUTTES UNIT

8. FARM OR LEASE NAME

9. WELL NO.

46-26B

10. FIELD AND POOL, OR WILDCAT

NBU - WASATCH

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

SEC 26, T9S, R20E

12. COUNTY OR PARISH

UINTAH

13. STATE

UTAH

19. ELEV. CASING HEAD

4853'

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. 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 and in accordance with any State requirements)*

At surface 891' FNL & 965' FEL (NE NE)

At top prod. interval reported below

SAME

At total depth

SAME

14. PERMIT NO. 43-047-30450 DATE ISSUED 5/28/78

15. DATE SPUDDED 2/24/79 16. DATE T.D. REACHED 3/24/79 17. DATE COMPL. (Ready to prod.) 8/23/79 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4865' KB 19. ELEV. CASING HEAD 4853'

20. TOTAL DEPTH, MD & TVD 7139' 21. PLUG BACK T.D., MD & TVD 7095' 22. IF MULTIPLE COMPL., HOW MANY* -- 23. INTERVALS DRILLED BY -- ROTARY TOOLS ALL CABLE TOOLS --

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5500' TO 6300' - WASATCH 25. WAS DIRECTIONAL SURVEY MADE NO

26. TYPE ELECTRIC AND OTHER LOGS RUN DIL, FDC-CNL-GR 27. WAS WELL CORED NO

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36.0# K-55	198'	13"	200 sx Class "G"	NONE
4 1/2"	11.6# K-55	7139'	7-7/8"	1694 sx 50-50 Pozmix	NONE

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	6252'	

31. PERFORATION RECORD (Interval, size and number)

6189-6191'	6234-6236
6112-6114'	6245-6247'
6102-6104'	5551-5553'

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6189-6247'	16,000 gals Versagel
	25,000# 20/40 sand

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
8/22/79	FLOWING - SI awaiting pipeline connection	SHUT IN

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
9/17/79	24	32/64"	→	--	116	--	--

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
90#	250#	→	--	116	--	--

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) VENTED TEST WITNESSED BY DEWEY ORR

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Margaret E. Pope TITLE ENGINEERING CLERK DATE 10/4/79

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either as shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL-OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.

38.

GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Green River	1588'		+3277
H	3246'		+1619
J	3944'		+ 921
M	4527'		+ 338
Wasatch	5032'		- 167
Chapita Wells	5530'		- 665
Buck Canyon	6140'		-1275

JH

VERNAL DISTRICT
AUGUST 24, 1979
PAGE NO. 2

<u>NBU 41-34B</u>	WOCU
<u>NBU 44-25B</u>	WOCU
<u>NBU 48-28B</u>	WOCU
<u>NBU 59-24B</u>	WOCU
<u>NBU 62-35B</u>	WOCU
<u>NBU 63-12B</u>	WOCU
<u>NBU 70-34B</u>	WOCU
<u>ND 4-21GR</u>	WOCU

WORKOVER

NBU 18-26B
Benco Well Serv
Belco WI 100%
PBDT 5250'
SI overnight, TP-0, CP-400. Made 21 swab runs in 8 hrs.
Rec 139 BBLS, chl-14,500 PPM. Fluid level 1st run 125',
last run 1700'. Producing water and very little gas.
Rigged down, moved to NBU 40-33B. TP-1100, CP-1075.

NBU 46-26B
Utah Rental
Belco WI 100%
PBDT 7095'
Moved rig on to swab. TP-0, CP-250. Made 10 swab runs in
8 hrs. Rec 5 1/4 BBLS, chl-16,500 PPM. Well producing app.
93 MCF during last 2 runs. After last run producing 132 MCF
Tbg left open to pit overnight. At 6:00 A.M. well dead,
CP-250.
AFE (completion) \$405,000
Cost to date \$346,741

OPERATIONS

<u>CWU TOTAL</u>	0 MCFD, all wells SI Mountain Fuel gas control
<u>NBU TOTAL</u>	9318 MCFD, 24 wells on, 1 Belco prob Meter station #101 LP-463, NBU 4-35B LP-550 #106 LP-463, NBU 8-20B LP-506 #110 LP-462, #109 LP-463, NBU 29-5B LP-531
<u>TOTAL GAS</u>	<u>9318 MCFD</u>
<u>TOTAL OIL</u>	<u>535 BBLS</u>
<u>ND 1-15GR</u>	40 BBLS, 15 MCF, GOR 363
<u>NBU 9-32GR</u>	0 BBLS, SI
<u>ND 2-15GR</u>	154 BBLS, 147 MCF, GOR 955, TP-450, Grav 36, BS&W 3%
<u>DC 5-16GR</u>	227 BBLS, no gas reading, TP-75, grav 36.6 @ 60°, BS&W 5%
<u>NBU 22-27B</u>	SI TP-1200, CP-pkr, SI 48 hrs
<u>NBU 28-4B</u>	SI TP-1500, CP-1500, SI 24 hrs
<u>NBU 33-17B</u>	Flowing 940 MCF in 24 hrs. TP-1750, CP-1750, choke 11/64 0 BW, 5 BC
<u>NBU 35-8B</u>	Flowing 494 MCF in 24 hrs. TP-800, CP-800, choke 18/64 5 BW, 0 BC

**COLORADO INTERSTATE GAS COMPANY
WELL TEST DATA FORM**

STATE COPY

FIELD CODE 01-11		FIELD NAME NATURAL BUTTES, UT				OPERATOR CODE 0828	OPERATOR NAME BELCO DEVELOPMENT CORP				WELL NAME NATURAL BUTTES				46	
CODE 3	SECT. 7	LOCATION TWN/BLK 26	RGE/SUR. 95	20E	SEQ. NUMBER 20E	FORMATION WASATCH SA FLOW TEST										

WELL ON (OPEN)										FLOW TEST																			
DATE (COMP.)			ORIFICE SIZE		METER RUN SIZE		COEFFICIENT		GRAVITY (SEP.)		METER DIFF. RANGE		METER PRESSURE		DIFFERENTIAL ROOTS		METER TEMP.		WELL HEAD TEMP.		FLOWING TBG/CSG PRESSURE		STATIC TBG/CSG PRESSURE		FLOWING STRING TUBING CASING				
MO.	DAY	YR.	MO.	DAY	YR.	23	27	28	32	33	38	39	42	43	45	46	51	52	55	56	58	59	61	62	67	68	73	74	75
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
<p><i>06 29 83 07 06 83 10 375 020 10 186 0 0 576 10 00 527 0 01 40 0 96 00 53 0 00 99 0 X</i></p>																													

WELL-OFF (SHUT-IN)										SHUT-IN TEST										SLOPE		EFFECTIVE DIAMETER		EFFECTIVE LENGTH		GRAVITY (RAW GAS)	EST CSG PRESS	EST TBG PRESS	TO THE BEST OF MY KNOWLEDGE THE ABOVE DATA IS CORRECT.									
PRESSURE TAKEN			DATE			CASING PRESSURE (PSIG)		TUBING PRESSURE (PSIG)		SLOPE		EFFECTIVE DIAMETER		EFFECTIVE LENGTH		GRAVITY (RAW GAS)	EST CSG PRESS	EST TBG PRESS																				
MO.	DAY	YR.	MO.	DAY	YR.	23	28	29	34	35	38	39	44	45	49	50	53	54	55																			
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	E	E																				
<i>07 09 83 07 12 83 01 365 0 00 94 0</i>										<i>733</i>		<i>1 9450</i>		<i>02 20 576</i>																								

<p align="center">73126 00375</p>										<p>REMARKS: <i>4 1/2" 24" casing - 20' long</i></p>									
--	--	--	--	--	--	--	--	--	--	---	--	--	--	--	--	--	--	--	--

**COLORADO INTERSTATE GAS COMPANY
WELL TEST DATA FORM**

STATE COPY

FIELD CODE 560-01-11	FIELD NAME NATURAL BUTTES	OPERATOR CODE 0828	OPERATOR NAME BELCO PETROLEUM CORP.	WELL NAME NATURAL BUTTES 4625B
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WELL CODE 73126	SECT. 26	LOCATION TWN 9S	RGE/SUR 20E	PANHANDLE/REDCAVE SEQ. NUMBER	K-FACTOR	FORMATION WASATCH SA FLOW TEST
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WELL ON (OPEN)			DATE (COMP.)			ORIFICE SIZE	METER RUN SIZE	COEFFICIENT	GRAVITY (SEP.)	METER DIFF. RANGE	METER PRESSURE	DIFFERENTIAL FEET	METER TEMP.	WELL HEAD TEMP.	FLOWING TUBG/CSG PRESSURE	STATIC /CSG PRESSURE	FLOWING STRING												
MO.	DAY	YR.	MO.	DAY	YR.												TUBING	CASING											
11-12	13-14	15-16	17-18	19-20	21-22	23	27	28	32	33	38	39	42	43	45	46	51	52	55	56	58	59	61	62	67	68	73	74	75
X X	X X	X X	X X	X X	X X	X X	X X X	X X X	X X X X X	X	X X X X X	X X X	X X X X X X	X	X X	X X	X X X	X X X	X X X	X X X	X X X	X X X	X X X	X X X	X X X X X	X X X X X X	X	X	X
09	15	81	09	22	81	1.500	4	02E	0.600	100	007050	0000	091																

WELL-OFF (SHUT-IN)			DATE			CASING PRESSURE (PSIG)	TUBING PRESSURE (PSIG)	SLOPE	EFFECTIVE DIAMETER	EFFECTIVE LENGTH	GRAVITY (RAW GAS)	EST CSG PRESS	EST TBG PRESS	TO THE BEST OF MY KNOWLEDGE THE ABOVE DATA IS CORRECT.															
MO.	DAY	YR.	MO.	DAY	YR.																								
11-12	13-14	15-16	17-18	19-20	21-22	23	28	29	34	35	38	39	44	45	49	50	53	54	55										
X X	X X	X X	X X	X X	X X	X X X X X	X	X X X X X	X	X X X X X	X X X X X	X X X X	E	E															
06	13	81	06	16	81	01400.0	01153.0		733	1	9950	6252																	

METER STAMP	73126 00507	REMARKS: <i>Well on 12/11/81 Well not flowing</i>
-------------	--------------------	--

TO THE BEST OF MY KNOWLEDGE THE ABOVE DATA IS CORRECT.
 CIG: *[Signature]*
 OPERATOR:
 COMMISSION:

**COLORADO INTERSTATE GAS COMPANY
WELL TEST DATA FORM**

STATE COPY

Natural Buttes Unit
N.D. # 46-26 R

FIELD CODE		FIELD NAME <i>Natural Buttes</i>				OPERATOR CODE		OPERATOR NAME <i>Balco Pet. Corp.</i>				WELL NAME <i>N.D. # 46-26 R</i>			
WELL CODE 3	SECT <i>26</i>	LOCATION TWN/SH/BLK <i>9S 20E</i>		RGE/SUR <i>20E</i>		PANHANDLE/REDCAVE SEQ. NUMBER <i>00500</i>		FORMATION <i>Wasatch</i>							

WELL ON (OPEN)			FLOW TEST																										
			DATE (COMP.)			ORIFICE SIZE		METER RUN SIZE		COEFFICIENT		GRAVITY (SEP.)		METER DIFF. RANGE		METER PRESSURE		DIFFERENTIAL ROOTS		METER TEMP.		WELL HEAD TEMP.		FLOWING TBG/CSG PRESSURE		STATIC TSG/CSG PRESSURE		FLOWING STRING TUBING CASING	
MO.	DAY	YR.	MO.	DAY	YR.	23	27	28	32	33	38	39	42	43	45	46	51	52	55	56	58	59	61	62	67	68	73	74	75
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions
verse side)

100713

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

N/A U-0577A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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 "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED
SEP 25 1986

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
BELCO DEVELOPMENT CORPORATION

3. ADDRESS OF OPERATOR
P.O. BOX 1815 VERNAL, UTAH 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface

NE/NE 891" FNL & 965' FEL

14. PERMIT NO.
43-047-30450

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
4853' NAT GL

7. UNIT AGREEMENT NAME
Natural Buttes 91-008900-FF

8. FARM OR LEASE NAME
NATURAL BUTTES

9. WELL NO.
46-26

10. FIELD AND POOL, OR WILDCAT

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

SEC. 26, 9S, 20E

12. COUNTY OR PARISH 18. STATE
UINTAH UTAH

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF PULL OR ALTER CASING
FRACTURE TREAT MULTIPLE COMPLETE
SHOOT OR ACIDIZE ABANDON*
REPAIR WELL CHANGE PLANS
(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF REPAIRING WELL
FRACTURE TREATMENT ALTERING CASING
SHOOTING OR ACIDIZING ABANDONMENT*
(Other)

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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.)*

SURFACE CASING: 9 5/8" @ 198' cement to surface.
PRODUCTION CASING: 4 1/2" @ 7139' cement top 1830' CBL.
PROPOSED PLUGS: Plug #1.) 5300' - 5500' (25 sacks tag w/tubing.)
Plug #2.) 2800' - 3000' (25 sacks)
Plug #3.) 100' above & below stub. (60 sacks)
Plug #4.) 100' - 300' (75 sacks)
Plug #5.) 25 sacks in top of 9 5/8" casing.

NOTES: 1.) Casing is to be cut at free point.
2.) 9.0 ppg mud to be between plugs.
3.) Location will be rehabed per B.L.M. specs. & dry hole marker installed.

18. I hereby certify that the foregoing is true and correct

SIGNED J. Ball TITLE DISTRICT SUPERINTENDENT DATE 9-23-86

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

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

DATE: 10-3-86
BY: John R. Bay

Federal approval of this action
is required before commencing
operations.

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on
reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

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 "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED
MAR 06 1987

6. LEASE DESIGNATION AND SERIAL NO.
U-0577A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
031312

7. UNIT AGREEMENT NAME
NATURAL BUTTES

8. FARM OR LEASE NAME
NATURAL BUTTES

9. WELL NO.
46-26

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 26, T9S, R20E

12. COUNTY OR PARISH
UINTAH

13. STATE
UTAH

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
ENRON OIL & GAS CO. (Belco)

3. ADDRESS OF OPERATOR
P.O. BOX 1815, VERNAL, UTAH 84078 DIVISION OF OIL, GAS & MINING

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface
891' FNL & 965' FEL NE/NE

14. PERMIT NO.
43-047-30450

15. ELEVATIONS (Show whether DF, NT, OR, etc.)
4853' NGL

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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.)*

WELL SERVICE UNIT MOVED ON LOCATION AND RIGGED UP TO PLUG AND ABANDON WELL ON OCTOBER 23, 1986. WELL WAS CIRCULATED WITH MUD. PLUGS WERE SET AS FOLLOWS:

1. 25 sx cmt. from 5,122' to 5,500'. Tagged plug at 5,122'.
2. 25 sx cmt from 2,800' to 3,000'.
3. Freepoint csg. at 1,833'.
4. 60 sx cmt. from 1,529' to 1,933'. Tagged plug at 1,529'.
5. 110sx cmt. from 300' to surface.
6. Install dry hole marker.

WELL P&A'D ON 10-24-86.

SURFACE WILL BE REHABILITATED PER BLM SPECIFICS.

18. I hereby certify that the foregoing is true and correct
SIGNED J. Ball TITLE DISTRICT SUPERINTENDENT DATE 03-05-87

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____
CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 3-12-87
BY: John R. Bue

*See Instructions on Reverse Side