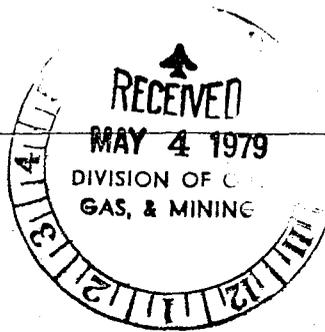


P.O. Box 250
Big Piney, Wyoming 83113
Telephone (307) 276-3331

Belco Petroleum Corporation

Belco



May 2, 1979

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

RE: Applications for Permit to Drill
Natural Buttes Unit
Uintah County, Utah

Dear Mr. Guynn:

Attached are Applications for Permit to Drill, Survey
Plats, BOP Diagrams, and Surface Use and Operating Plans for the
following three wells:

NATURAL BUTTES UNIT 68-25B
NE NE Section 25, T10S, R21E

NATURAL BUTTES UNIT 69-28B
NW NE Section 28, T10S, R22E

NATURAL BUTTES UNIT 70-34B
NE SW Section 34, T10S, R22E

Very truly yours,

BELCO DEVELOPMENT CORPORATION

Leo R. Schueler / RAS
Leo R. Schueler
District Manager

RAS/rgt

Attachments

cc: ~~Utah Division of Oil, Gas & Mining~~
Houston
Denver
Vernal
File (3)

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
 585' FNL & 1851' FEL (NW 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 474

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
 NATURAL BUTTES UNIT

8. FARM OR LEASE NAME

9. WELL NO.
 69-28B

10. FIELD AND POOL, OR WILDCAT
 NBU - WASATCH

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 SECTION 28, T10S, R22E

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)
 585'

16. NO. OF ACRES IN LEASE
 640

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.
 6200

19. PROPOSED DEPTH
 6200

20. ROTARY OR CABLE TOOLS
 ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 5387' Nat GL

22. APPROX. DATE WORK WILL START*
 6/79

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13"	9-5/8"	36.0# K-55	200'	200 sx
7-7/8"	4 1/2"	11.6# K-55	6200'	1000 sx

1. SURFACE FORMATION: Uinta
2. EST LOG TOP: Green River 1192, Wasatch 4092'.
3. Anticipate water in the Uinta. Expect oil & gas in the Green River @ 2500-4092', and gas in the Wasatch @ 4092'-TD.
4. CASING DESIGN: New casing as above.
5. MIN BOP: 10", 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 based gel-chemical mud weighted to 10.5 ppg will be used to control the well.
7. AUX. EQUIP: 2", 3000 psi choke manifold & kill line, kelly cock, stabbing valve, and visual mud monitoring.
8. No cores or DST's are planned. Will run DIL, FDC-CNL-GR logs.
9. No abnormal pressures or problems are anticipated.
10. Operations will begin approx 6/79 and end approx 7/79.

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 Spingma TITLE ENGINEERING TECHNICIAN DATE 5/2/79

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
 (Orig. Sgd.) F. A. Henricks TITLE ACTING DISTRICT ENGINEER DATE JUN 13 1979

APPROVED BY **NOTICE OF APPROVAL**

state O&G CONDITIONS OF APPROVAL AT _____ TO OPERATOR'S COPY

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

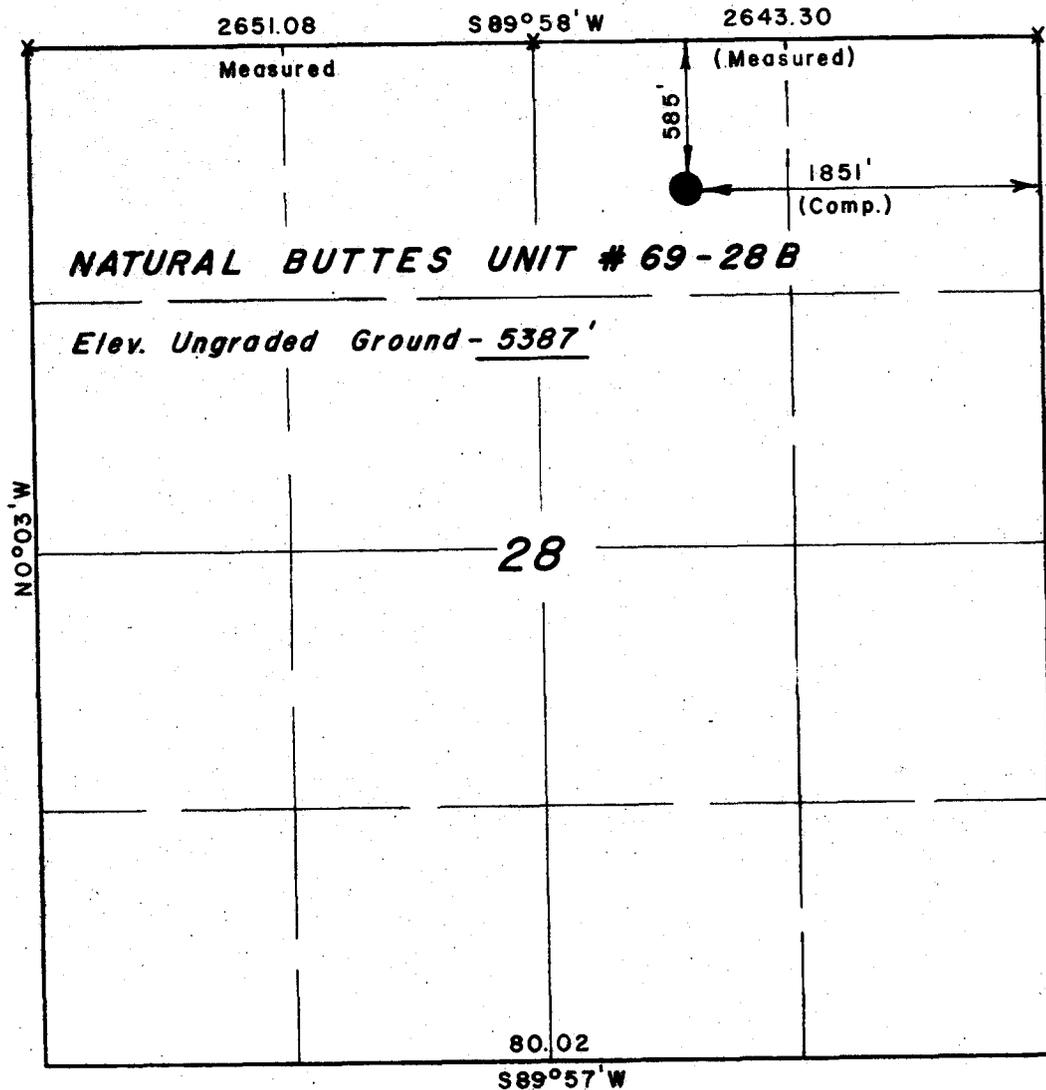
T 10 S, R 22 E, S.L.B. & M.

PROJECT
BELCO PETROLEUM CORP.

Well location, *NATURAL BUTTES UNIT # 69-28B*, located as shown in the NW 1/4 NE 1/4 Section 28, T10S, R22E, S.L.B. & M. Uintah County, Utah.

NOTE:

Elev. Ref. Pt. 200' S 53° 07' 35" W 5372.49'
 " " " " S 36° 52' 25" E 5384.57'
 " " " " N 36° 52' 25" W 5396.73'
 " " " 173' N 53° 07' 35" E 5368.86'



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.

[Signature]
 REGISTERED LAND SURVEYOR
 REGISTRATION NO 2454
 STATE OF UTAH

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

SCALE	1" = 1000'	DATE	4 / 23 / 79
PARTY	L.D.T. D.S. S.B.	REFERENCES	GLO Plat
WEATHER	Fair	FILE	BELCO PETRO.

VERNAL DISTRICT
DAILY DRILLING REPORT
AUGUST 3, 1979

DRILLING

NBU 69-28B
TD 7098'
Island Zone
RL Manning #23
Belco WI 100%

✓ 1848' (1138') 2: Drlg Green River
Drld 1138' in 21 hrs. Dev @ 813' 1/2°, 1251' 3/4°,
1754' 8°, 1785' 8°, 1 1/2 hrs. POH for surveys @ 1489' 6°,
1695' 8°, 1 1/2 hrs. Dev @ 1848' 7 3/4°.
Bit #1, 8 3/4, M84F, 3 13/32, 1638' 29 3/4 hrs.
PP-600, WT-25/40, RPM-65/70
Mud prop: MW-8.3, VIS-26, Chl-1000
AFE to csg point \$228,000
Cost to date \$59,336

ND 4-21GR
TD 5022'
Green River
Chandler & Assoc 1
Belco WI 100%

✓ 525' (317') 1. Drlg Uintah
Drld 317' in 11 hrs. RU 8 hrs. Nipply up, test BOP's
1000#, 15 min. Drld cement @ 165', shoe @ 208' @ 7:30 P.M.
8-2-79, 4 1/2 hrs. Dev @ 293' 1/2°.
Bit #1, 8 3/4, J-44, 3 14/32, 317' 11 hrs
PP-550, WT-all, RPM-60
Mud prop: MW-8.3, VIS-26, Chl-8000
AFE to csg point \$143,000
Cost to date \$39,160

DC 6-16GR
Green River
Chandler & Assoc 1
Belco WI 100%

✓ Started location
Cost to date \$660

COMPLETION

NBU 47-27B
R & R Well Serv
Belco WI 100%
PBSD 7126'

DV @ 4620'. Installed tbg head. Test csg to 5000 PSI,
15 min, OK. Rigged GO Int. Perf w/10 gram DML shot,
6923-6925' (4 holes), 6469-6471' (8), 6456-6458' (8),
6258-6260' (8). TIH HOWCO ret BP & RTTS pkr. Set BP @
6971', Pkr @ 6205'. Circ fluid, chl-35,000 PPM. Made
5 swab runs to 6170'. Rec 19 BBLs fluid, chl-26,000 PPM.
Gas cut, lt gas blow at end.
AFE (completion) \$390,000
Cost to date \$286,004

NBU 46-26B
R & R Well Serv
Belco WI 100%
PBSD 7095'

Stage collar @ 4679'. Displace hole w/5% KCL. Pull bit
& csg scraper. Run Bond log w/GO Int. Hold 1000# on csg
while logging. Wireline TD 7044', stage collar @ 4680',
top of cement 1830'. 100% bond from 7044-1830'. Press
test to 5000#, 15 min, OK. Will perf this A.M.
AFE (completion) \$405,000
Cost to date \$278,938

NBU 41-34B
NBU 44-25B
NBU 48-29B
NBU 52-1B
NBU 59-24B
NBU 62-35B
NBU 63-12B
NBU 70-34B
DC 5-16GR

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VERNAL DISTRICT
DAILY DRILLING REPORT
AUGUST 24, 1979

DRILLING

NBU 69-28B

TD 7160'
Island Zone
RL Manning #23
Belco WI 100%

7160' (0') 23. LD DP. Island Zone
Circ & cond 1 hr. POH 4 hrs. Schlumberger ran Dual
Lateral log & Density Neutron w/caliper log 9 1/4 hrs.
Rig down loggers 1 hr. TIH, break circ @ 3000' & 5000',
3 1/4 hrs. Circ & cond 3 hrs. LD DP 2 1/2 hrs. Dev @
7160' 2^o.

Mud prop: MW-9.4, VIS-33, WL-6.2, Chl-44,000

AFE to csg point \$228,000

Cost to csg point \$281,458

Cost to date \$281,458

NBU 65-25B

TD 6074'
Buck Canyon
Chandler & Assoc 1
Belco WI 100%

5408' (293') 9. Drlg Buck Canyon
Drl'd 5' 8 3/4" hole, 288' 7 7/8" hole in 15 3/4 hrs. Trip
for bit #2, slip drlg line 6 1/2 hrs.
Bit #1, 8 3/4, F-4, 3 14/32, 4897' 174 1/2 hrs. T-3, B-4, G-0
Bit #2, 7 7/8, F-2, 3 15/32, 288' 15 1/2 hrs.

PP-1050, WT-40, RPM-62

Mud prop: MW-9.2, VIS-28, WL-12.8, Chl-80,000, BG-10, CG-25

Drlg brks: 5296-5304' (8') 4.0-2.0-3.0, 225/20, no show

AFE to csg point \$241,000

Cost to date \$104,146

STGU 14-34

TD 7327'
Buck Canyon
RL Manning #23
Belco WI 100%

Building location. Bill Jr Rathole Drlg reamed 17 1/2" hole
to 18" w/mud. Drl'd to 83'. Allwestern set 83.5' 13 3/8"
K-55 casing to 83' GL.

AFE to csg point \$235,000

Cost to date \$8950

COMPLETION

DC 5-16GR

NL Well Serv
Belco WI 100%
PBD 5050'

TP-50, CP-0. Flowing through 18/64 choke. Flowed 6 hrs,
70 BBLS. Set 2 7/8" tbg plug @ 165'. Unseated pkr, lower
and set w/14,000#. Hung 20,000# on donut. Installed flow
head and 15/64 choke. Opened to tank. Rig down, move off.

Tubing detail: Bridge plug @ 4883'

Retrieving tool & 1 jt	32.47
RTTS packer	4.67
1 jt tbg	31.65
seating nipple	.85
145 jts tbg	4630.18
KB	10.00
Tbg hung @	4709.82

AFE (completion) \$375,000

Cost to date \$296,166

NBU 52-1B

NL Well Serv
Belco WI 100%
PBD 6937'

Rig up. Move in pump, tank, BOP & power swivel. SLM &
drift tbg. PU 158 jts Tagged 12' in on 159th jt @ 4965'.
Will drill out stage collar this A.M.

AFE (completion) \$433,000

Cost to date \$280,672

FROM: : DISTRICT GEOLOGIST, SALT LAKE CITY, UTAH

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

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. U-474

OPERATOR: BELCO DEVEL. CORP

WELL NO. 69-28B

LOCATION: 1/4 NW 1/4 NE 1/4 sec. 28, T. 10S, R. 22E, SLM

DINTAN County, UTAH

1. Stratigraphy: Operators estimated tops seem reasonable.

2. Fresh Water: Fresh water may be encountered in the Uintah Fm.

3. Leasable Minerals:

Oil Shale beds may be encountered in the Green River Fm between 3500 - 4000 feet.

4. Additional Logs Needed: Operators logs should be run through the Green River Fm to identify the Oil Shale beds.

5. Potential Geologic Hazards: none

6. References and Remarks: within the Bitter Creek KGS

Signature: emb

Date: 5-7-79

United States Department of the Interior
Geological Survey
8440 Federal Building
Salt Lake City, Utah 84138

Usual Environmental Analysis

Lease No.: Utah 474
Operator: Belco Development Well No.: 69-28B
Location: 585' FNL & 1851' FEL section 28, T. 10 S., R. ²²~~33~~ E.
County: Uintah State: Utah Field: Natural Buttes
Status: Surface Ownership: Public Minerals: Federal
Joint Field Inspection Date: May 14, 1979

Participants and Organizations:

<u>Craig Hansen</u>	<u>USGS, Vernal, Utah</u>
<u>Greg Darlington</u>	<u>USGS, Vernal, Utah</u>
<u>Ron Rogers</u>	<u>BLM, Vernal, Utah</u>
<u>Rich Shatz</u>	<u>Belco Development</u>
<u>Bud Pease</u>	<u>Pease Const.</u>

Related Environmental Analyses and References:

- 1. Bonanza Planning Unit, BLM, Vernal, Utah

Analysis Prepared by:

Date: May 15, 1979

*Pg. 9 160 x 325
Pit 80 x 150
6/10 mi 32' access
4/10 mi up grade
Flow line not in cl
Stock pile top soil
3 8/10 ac
Mitigators
Pg 7 3.a.8b*

Proposed Action:

On May 4, 1979, Belco Development filed an Application for Permit to Drill the No. 69-28B development well, a 6200-foot gas test of the Wasatch formation; located at an elevation of 5387' in the NW SE section 28, T. 10 S., R. 22 E., on Federal mineral lands and public surface; lease No. Utah 474. There was no objection raised to the wellsite nor to the access road. ←

A rotary rig would be used for the drilling. An adequate casing and cementing program is proposed. Fresh-water sands and other mineral-bearing formations would be protected. A Blowout Preventor would be used during the drilling of the well. The proposed pressure rating should be adequate. Details of the operator's NTL-6 10-Point Subsurface Plan are on file in the U.S.G.S. District Office in Salt Lake City, Utah and the U.S.G.S. Northern Rocky Mountain Area Office in Casper, Wyoming. The 13-Point Surface Protection Plan is on file in the District Office in Salt Lake City.

A working agreement has been reached with the BLM, 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.

The operator proposes to construct a drill pad 160' wide by 325' long and a reserve pit 80' by 150'. A new access road would be constructed 32' wide by .6 mile long and an existing trail would be upgraded to 32' wide by .4 mile long from a maintained road. The operator proposes to construct production facilities on disturbed area of the proposed drill pad. If production is established, plans for a gas flow line would be submitted to the appropriate agencies for approval. The anticipated starting date is June 1979 and duration of drilling activities would be about 30 days.

Location and Natural Setting:

The proposed drillsite is approximately 22 miles southeast of Ouray, Utah, the nearest town. A fair road runs to within one mile of the location. This well is in the Natural Buttes field.

Topography:

The proposed location sits on a flat southeast trending ridge with steeply washed draws on the east and west sides of the location. The site is below a steeply weathered sandstone and shale outcrop to the north which is part of the natural butte topography of the area.

Geology:

The surface geology is Uintah. The soil is sandy to clay with weathered sandstone conglomerates and shales on surface. No geologic hazards are known near the drillsite. Seismic risk for the area is minor. Anticipated geologic tops are filed with the 10-Point Subsurface Protection Plan.

Approval of the proposed action would be conditioned that adequate and sufficient radioactive and density logging surveys would be made to locate and identify any potential mineral resources. Production casing and cementing would be adjusted to assure no influence of the hydrocarbon zones through the well bore on these minerals. In the event the well is abandoned, cement plugs would be placed with drilling fluid in the hole to assure protection of any mineral resources.

Loss of circulation may result in the lowering of the mud levels, which might permit exposed upper formations to blow out or to cause formations to slough and stick to drill pipe. A loss of circulation would result in contamination due to the introduction of drilling muds, mud chemicals, filler materials, and water deep in to the permeable zone, fissures, fractures, and caverns within the formation in which fluid loss is occurring. The use of special drilling techniques, drilling muds, and lost circulation materials may be effective in controlling lost circulation.

A geologic review of the proposed action has been furnished by the Area Geologist, U.S. Geological Survey, Salt Lake City, Utah.

The operator's drilling, cementing, casing and blowout prevention programs have been reviewed by the Geological Survey engineers and determined to be adequate.

Soils:

No detailed soil survey has been made of the project area. The top soils in the area range from a sandy clay to a clay type soil. The soil is subject to runoff from rainfall and has a high runoff potential and sediment production would be high. The soils are mildly to moderately alkaline and support the salt-desert shrub community.

Top soil would be removed from the surface and stockpiled. The soil would be spread over the surface of disturbed areas when abandoned to aid in rehabilitation of the surface. Rehabilitation is necessary to prevent erosion and encroachment of undesired species on the disturbed areas. The operator proposes to rehabilitate the location and access road per the recommendations of the Bureau of Land Management.

Approximately 3.8 acres of land would be stripped of vegetation. This would increase the erosional potential. Proper construction practice, construction of water bars, reseeding of slope-cut area would minimize this impact.

Air:

No specific data on air quality is available at the proposed location. There would be a minor increase in air pollution due to emissions from rig and support traffic engines. Particulate matter would increase due to dust from travel over unpaved dirt roads. The potential for increased air pollution due to leaks, spills, and fire would be possible.

Relatively heavy traffic would be anticipated during the drilling-operations phase, increasing dust levels and exhaust pollutants in the area. If the

well was to be completed for production, traffic would be reduced substantially to a maintenance schedule with a corresponding decrease of dust levels and exhaust pollutants to minor levels. If the project results in a dry hole, all operations and impact from vehicular traffic would cease after abandonment. Due to the limited number of service vehicles and limited time span of their operation, the air quality would not be substantially reduced.

Toxic or noxious gases would not be anticipated.

Precipitation:

Annual rainfall should range from about 6" to 7" at the proposed location. The majority of the numerous drainages in the surrounding area are of a non-perennial nature flowing only during early spring runoff and during extremely heavy rain storms. This type of storm is rather uncommon as the normal annual precipitation is around 6". Winds are medium and gusty, occurring predominately from west to east. Air mass inversions are rare. The climate is semi-arid with abundant sunshine, hot summers and cold winters with temperature variations on a daily and seasonal basis.

Surface Water Hydrology:

The location drains southeast by a non-perennial wash to Bitter Creek, which flows into the White River which in turn flows into the Green River. Some additional erosion would be expected in the area since surface vegetation would be removed. If erosion became serious, drainage systems such as water bars and dikes would be installed to minimize the problem. The proposed project should have minor impact on the surface water systems. The potentials for pollution would be present from leaks or spills. The operator is required to report and clean-up all spills or leaks.

Ground Water Hydrology:

Some minor pollution of ground water systems would occur with the introduction of drilling fluids (filtrate) into the aquifer. This is normal and unavoidable during rotary drilling operations. The potential for communication, contamination and commingling of formations via the well bore would be possible. The drilling program is designed to prevent this. There is need for more data on hydrologic systems in the area and the drilling of this well may provide some basis information as all shows of fresh water would be reported. Water production with the gas would require disposal of produced water per the requirements of NTL-2B. The depths of fresh water formations are listed in the 10-Point Subsurface Protection Plan. The pits would be lined. If fresh water should be available from the well, the owner or surface agency may request completion as a water well if given approval.

Vegetation:

Sagebrush, cactus, greasewood, and chadscale exist on location. Plants in the area are of the salt-desert-shrub types.

Proposed action would remove about 3.8 acres of vegetation. Removal of vegetation would increase the erosional potential and there would be a minor decrease in the amount of vegetation available for grazing.

The operator proposes to rehabilitate the surface upon completion of operations.

Wildlife:

The fauna of the area consists predominately of mule deer, antelope, coyotes, rabbits, foxes, and varieties of small ground squirrels and other types of rodents and various types of reptiles. The area is used by man for the primary purpose of grazing domestic livestock and sheep. The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

An animal and plant inventory has been made by the BLM. No endangered plants or animals are known to inhabit the project area.

Social-Economic Effect:

An on-the-ground surface archaeological reconnaissance would be required prior to approval of the proposed action. Appropriate clearances would then be obtained from the surface managing agency. If a historic artifact, an archaeological feature or site is discovered during construction operations, activity would cease until the extent, the scientific importance, and the method of mitigating the adverse effects could be determined by a qualified cultural resource specialist.

There are no occupied dwellings or other facilities of this nature in the general area. Minor distractions from aesthetics would occur over the lifetime of the project and is judged to be minor. All permanent facilities placed on the location would be painted a color to blend in with the natural environment. Present use of the area is grazing, recreation, and oil and gas activities.

Noise from the drilling operation may temporarily disturb wildlife and people in the area. Noise levels would be moderately high during drilling and completion operations. Upon completion, noise levels would be infrequent and significantly less. If the area is abandoned, noise levels should return to pre-drilling levels.

The site is visible from a major road. After drilling operations, completion equipment would be visible to passersby of the area but would not present a major intrusion.

The economic effect of one well would be difficult to determine. The overall effect of oil and gas drilling and production activity are significant in Uintah County.

But should this well discover a significant new hydrocarbon source, local, state and possibly national economics might be improved. In this instance, other development wells would be anticipated, with substantially greater environmental and economic impacts.

Should the wellsite be abandoned, surface rehabilitation would be done according to the surface agency's requirements and to USGS's satisfaction. This would involve leveling, contouring, reseeding, etc., of the location and possibly the access road. If the well should produce hydrocarbons, measures would be undertaken to protect wildlife and domestic stock from the production equipment.

There are no national state, or local parks, forests, wildlife refuges or ranges, grasslands, monuments, trails or other formally designated recreational facilities near the proposed location.

The proposed location is within the Bonanza Planning Unit. This Environmental Assessment Record was compiled by the Bureau of Land Management, the surface managing agency of the Federal surface in the area. The study includes additional information on the environmental impact of oil and gas operations in this area and gives land use recommendations. The E.A.R. is on file in the agency's State offices and is incorporated herein by reference.

Waste Disposal:

The mud and reserve pits would contain all fluids used during the drilling operations. A trash cage would be utilized for any solid wastes generated at the site and would be removed at the completion of the operations. Sewage would be handled according to State sanitary codes. For further information, see the 13-Point Surface Plan.

Alternative to the Proposed Action:

1. Not Approving the Proposed Permit--The Oil and Gas Lease Grants The Lessee Exclusive Right to Drill For, Mine, Extract, Remove and Dispose of All Oil and Gas Deposits.

Under leasing provisions, the Geological Survey has an obligation to allow mineral development if the environmental consequences are not too severe, or irreversible. Upon rehabilitation of the site, the environmental effects of this action would be substantially mitigated, if not totally annulled. Permanent damage to the surface and subsurface would be prevented as much as possible under U.S.G.S. and other controlling agencies supervision with rehabilitation planning reversing almost all effects. Additionally, the growing scarcity of oil and gas should be taken into consideration. Therefore, the alternative of not proceeding with the proposed action at this time is rejected.

2. Minor relocation of the wellsite and access road or any special, restrictive stipulations or modifications to the proposed program would not significantly reduce the environmental impact. There are no severe vegetative, animal or archaeological-historical-cultural conflicts at the site. Since only a minor impact on the environment would be expected, the alternative of moving the location is rejected. 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.

3. Drilling should be allowed provided the following mitigative measures are incorporated into the proposed APD and adhered to by the operator.

- a. Shorten reserve pit to reduce fill on outside edge of pit.
- b. Trash cage will be used instead of burn pit. All refuse will be removed upon completion of drilling operations.

Adverse Environmental Effects Which Cannot Be Avoided:

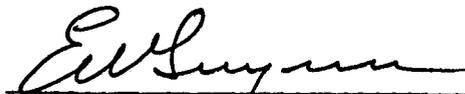
Surface disturbance and removal of vegetation from approximately 3.8 acres of land surface for the lifetime of the project which would result in increased and accelerated erosional potential. Grazing would be eliminated in the disturbed areas and there would be a minor and temporary disturbance of wildlife and livestock. Minor induced air pollution due to exhaust emissions from rig engines of support traffic engines would occur. Minor increase in dust pollution would occur due to vehicular traffic associated with the operation. If the well is a gas producer, additional surface disturbance would be required to install production pipelines. The potential for fires, gas leaks, and spills of oil and water would exist. During the construction and drilling phases of the project, noise levels would increase. Potential for sub-surface damage to fresh water aquifers and other geologic formations exists. Minor distractions from aesthetics during the lifetime of the project would exist. If the well is a producer, an irreplaceable and irretrievable commitment of resources would be made. Erosion from the site would eventually be carried as sediment in the Uinta. The potential for pollution to Bittercreek would exist through leaks and spills.

Determination:

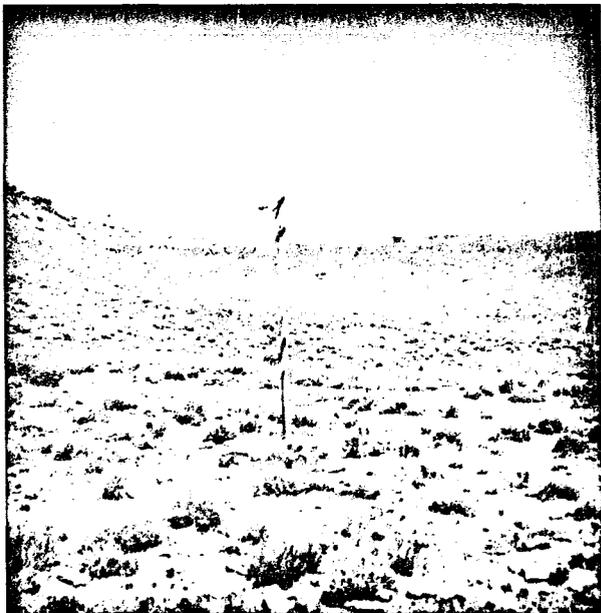
This requested action does not constitute a major Federal action significantly affecting the environment in the sense of NEPA, Sec. 102(2)(c).

Date: _____

JUN 05 1979



District Engineer
U.S. Geological Survey
Conservation Division
Oil and Gas Operations
Salt Lake City District



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

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 At surface
 585' FNL & 1851' FEL (NW NE)
 At proposed prod. zone
 SAME

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

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 585'

16. NO. OF ACRES IN LEASE 640

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. 6200

19. PROPOSED DEPTH

20. ROTARY OR CABLE TOOLS
 ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 5387' Nat GL

22. APPROX. DATE WORK WILL START*
 6/79

5. LEASE DESIGNATION AND SERIAL NO.
 UTAH 474

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
 NATURAL BUTTES UNIT

8. FARM OR LEASE NAME

9. WELL NO.
 69-28B

10. FIELD AND POOL, OR WILDCAT
 NBU - WASATCH

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 SECTION 28, T10S, R22E

12. COUNTY OR PARISH
 UINTAH

13. STATE
 UTAH

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13"	9-5/8"	36.0# K-55	200'	200 SX
7-7/8"	4 1/2"	11.6# K-55	6200'	1000 SX

1. SURFACE FORMATION: Uinta
2. EST LOG TOP: Green River 1192, Wasatch 4092'.
3. Anticipate water in the Uinta. Expect oil & gas in the Green River @ 2500-4092', and gas in the Wasatch @ 4092'-TD.
4. CASING DESIGN: New casing as above.
5. MIN BOP: 10", 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 based gel-chemical mud weighted to 10.5 ppg will be used to control the well.
7. AUX. EQUIP: 2", 3000 psi choke manifold & kill line, kelly cock, stabbing valve, and visual mud monitoring.
8. No cores or DST's are planned. Will run DIL, FDC-CNL-GR logs.
9. No abnormal pressures or problems are anticipated.
10. Operations will begin approx 6/79 and end approx 7/79.

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 Spingma TITLE ENGINEERING TECHNICIAN DATE 5/2/79

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

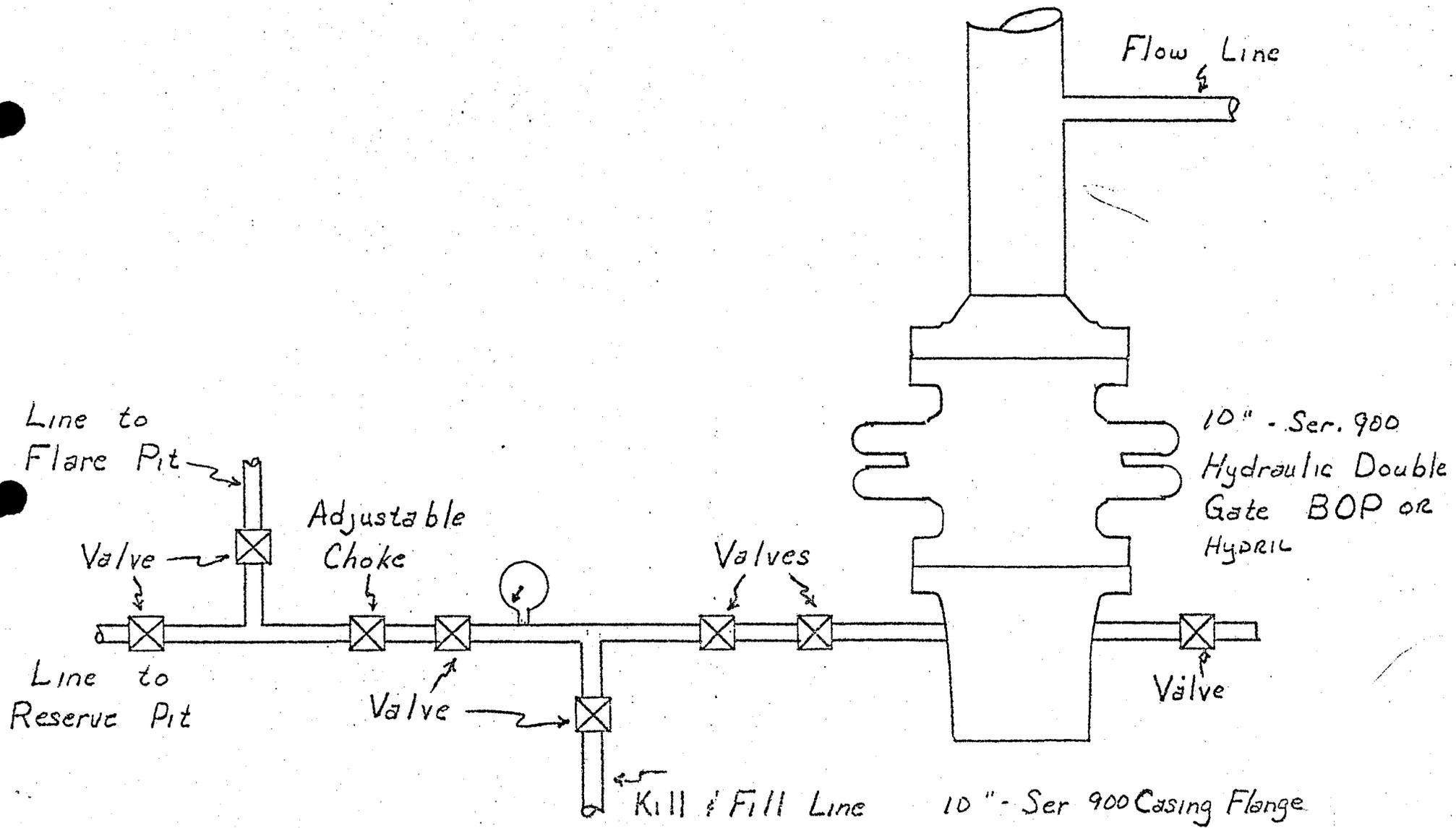
APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING

DATE: 5-7-79

BY: M. J. Minder



T 10 S, R 22 E, S.L.B. & M.

PROJECT
BELCO PETROLEUM CORP.

Well location, *NATURAL BUTTES UNIT # 69-28B*, located as shown in the NW 1/4 NE 1/4 Section 28, T 10 S, R 22 E, S.L.B. & M. Uintah County, Utah.

NOTE:

Elev. Ref. Pt. 200' S 53° 07' 35" W 5372.49'
 " " " " S 36° 52' 25" E 5384.57'
 " " " " N 36° 52' 25" W 5396.73'
 " " " 173' N 53° 07' 35" E 5368.86'



CERTIFICATE

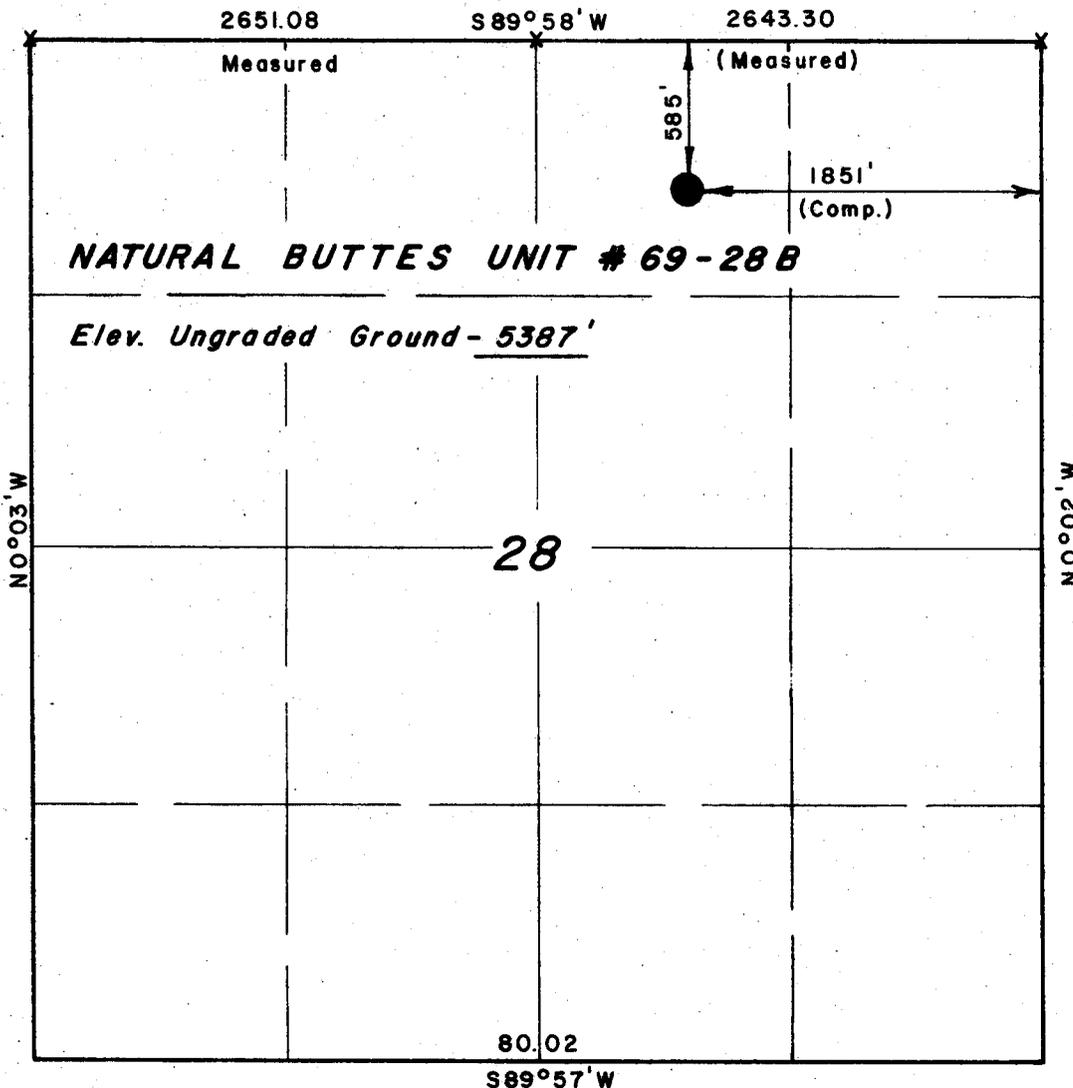
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Neilson J. Woodhall

REGISTERED LAND SURVEYOR
 REGISTRATION NO 2454
 STATE OF UTAH

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

SCALE	1" = 1000'	DATE	4 / 23 / 79
PARTY	L.D.T. D.S. S.B.	REFERENCES	GLO Plat
WEATHER	Fair	FILE	BELCO PETRO.



X = Section Corners Located

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING

** FILE NOTATIONS **

Date: May 4, 1979

Operator: Belco Development Corp.

Well No: Natural Buttes Unit 69-28B

Location: Sec. 28 T. 10S R. 22E County: Uintah

File Prepared:

Entered on N.I.D.:

Card Indexed:

Completion Sheet:

API Number: 43-047-30576

CHECKED BY:

Administrative Assistant: _____

Remarks:

Petroleum Engineer: M.J. Minder 5-7-79

Remarks:

Director: _____

Remarks:

INCLUDE WITHIN APPROVAL LETTER:

Bond Required:

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 _____ Unit

Other:

Letter Written/Approved

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

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

2

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
585' FNL & 1851' FEL (NW NE)
 At top prod. interval reported below
SAME
 At total depth
SAME

14. PERMIT NO. 43-047-30576
 DATE ISSUED 5/8/79

15. DATE SPUDDED 7/29/79
 16. DATE T.D. REACHED 8/24/79
 17. DATE COMPL. (Ready to prod.) 10/26/79

18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 5398' KB
 19. ELEV. CASINGHEAD 5384'

20. TOTAL DEPTH, MD & TVD 7160'
 21. PLUG, BACK T.D., MD & TVD 7115'

22. IF MULTIPLE COMPL., HOW MANY* --
 23. INTERVALS DRILLED BY --> ALL
 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
 5719-7088' WASATCH

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

28. 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	196'	13"	200 sx Class "H"	NONE
4 1/2"	11.6# NKK	7160'	7-7/8"	2172 sx 50-50 Pozmix	NONE

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	6701'	

31. PERFORATION RECORD (Interval, size and number)

7008-7010'
 6828-6830'
 6719-6723'

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
	NO FRACTURE

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
10/26/79	FLOWING - SI waiting on pipeline hookup	SI

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
11/8/79	24	32/64"	→	--	108	--	--

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
20#	400#	→	--	108	--	--

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
 VENTED

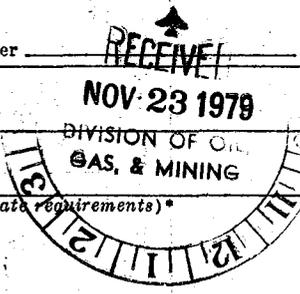
TEST WITNESSED BY
 AL MAXFIELD

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 Megan E. Cope TITLE ENGINEERING CLERK DATE 11/20/79

*(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 are 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

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	TOP	
				MEAS. DEPTH	TRUE VERT. DEPTH
				880'	+4518
				2190'	+3208
				2890'	+2508
				3630'	+1768
				4080'	+1318
			Wasatch	4610'	+ 788
			Chapita Wells	5170'	+ 228
			Buck Canyon	6020'	- 662
			Island Zone		

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
BELCO PETROLEUM CORPORATION

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

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 585' FNL & 1851' FEL NW/NE
AT TOP PROD. INTERVAL: SAME
AT TOTAL DEPTH: SAME

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

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

5. LEASE
Utah 474

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Natural Buttes Unit

8. FARM OR LEASE NAME

9. WELL NO.
69-28B

10. FIELD OR WILDCAT NAME
NBU-Wasatch

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 28, T10S, R22E

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

14. API NO.
43-047-30576

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5398' KB

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

STATUS 11-30-80

WO CIG Pipeline for connection to sales line.

REGISTERED

DEC 03 1980

DIVISION OF
OIL, GAS & MINING

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED Lonnie Nelson TITLE Eng. Clerk DATE 12-4-80

(This space for Federal or State office use)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
BELCO DEVELOPMENT CORPORATION

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

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 585' FNL & 1851' FEL NW $\frac{1}{4}$ NE $\frac{1}{4}$
AT TOP PROD. INTERVAL: SAME
AT TOTAL DEPTH: SAME

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

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

5. LEASE
UTAH 474

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
NATURAL BUTTES UNIT

8. FARM OR LEASE NAME

9. WELL NO.
69-28B

10. FIELD OR WILDCAT NAME
NBU*WASATCH

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SECTION 28, T10S, R22E

12. COUNTY OR PARISH
UINTAH

13. STATE
UTAH

14. API NO.
43-047-30576

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5398' KB

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

STATUS 12-31-80

WO CIG PIPELINE FOR CONNECTION TO SALES LINE.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED Lonnie Nelson TITLE Eng. Clerk DATE January 2, 1981

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
BELCO DEVELOPMENT CORPORATION

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

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 585' FNL & 1851' FEL NW/NE
AT TOP PROD. INTERVAL: SAME
AT TOTAL DEPTH: SAME

5. LEASE
U 474

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME:
NATURAL BUTTES UNIT

8. FARM OR LEASE NAME

9. WELL NO.
69-28B

10. FIELD OR WILDCAT NAME
NATURAL BUTTES FIELD

11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA
SEC. 28, T10S, R22E

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

14. API NO.
43-047-30576

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5398' KB

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

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

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

STATUS 1-31-81: WAITING ON CONNECTION TO SALES LINE BY CIG PIPELINE.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct
SIGNED: [Signature] TITLE ENGINEERING CL. DATE 2-2-81

(This space for Federal or State office use)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
BELCO DEVELOPMENT CORPORATION

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

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 585' FNL & 1851' FEL NW/NE
AT TOP PROD. INTERVAL: SAME
AT TOTAL DEPTH: SAME

5. LEASE
U-474

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
NATURAL BUTTES UNIT

8. FARM OR LEASE NAME

9. WELL NO.
69-28B

10. FIELD OR WILDCAT NAME
NATURAL BUTTES FIELD

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SEC. 28 T10S, R22E

12. COUNTY OR PARISH
UINTAH

13. STATE
UTAH

14. API NO.
43-047-30576

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5398' KB

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

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

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

STATUS 2-28-81: WAITING ON CONNECTION TO CIG PIPELINE.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED L. K. NELSON TITLE ENG. CLERK DATE 3-2-81

(This space for Federal or State office use)

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

RECEIVED

MAR 2 1981

DIVISION OF
OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
BELCO DEVELOPMENT CORPORATION

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

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 585' FNL & 1851' FEL NW/NE
AT TOP PROD. INTERVAL: SAME
AT TOTAL DEPTH: SAME

5. LEASE
U-474

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
NATURAL BUTTES UNIT

8. FARM OR LEASE NAME

9. WELL NO.
69-28B

10. FIELD OR WILDCAT NAME
NATURAL BUTTES FIELD

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SEC. 28, T10S, R22E

12. COUNTY OR PARISH
UINTAH

13. STATE
UTAH

14. API NO.
43-047-30576

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5398' KB

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

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

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

STATUS 3-31-81: Waiting on connection to CIC Pipeline.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED *[Signature]* TITLE ENG. CLERK DATE 4-1-81

(This space for Federal or State office use)

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

DIVISION OF OIL, GAS AND MINING

PLUGGING PROGRAM

NAME OF COMPANY: Belco
WELL NAME: NBU 69-28B 2
SECTION 28 TOWNSHIP 10S RANGE 22E COUNTY Uintah

VERBAL APPROVAL GIVEN TO PLUG AND ABOVE REFERRED TO WELL IN THE FOLLOWING MANNER:

TOTAL DEPTH: 7160' PBTD 7115'

CASING PROGRAM:

9 5/8", 36# @ 196' to surface
4 1/2", 11.6# @ 7160' TOC 1200'

FORMATION TOPS:

Perfs: 7010-6719'
Gr. Rv.- 880'
H- 2190'
J- 2890'
M- 3630'
Wstch- 4080'
Chapita Wells- 4610'
Buck Canyon- 5170'
Island Zone- 6020'

PLUGS SET AS FOLLOWS:

- 1) 7050-6650'
- 2) 2900-2700'
- 3) Part 4 1/2" casing at 1000+ spot
200' plug 1/2 in 1/2 out of stub
- 4) 300-100'
- 5) 30'-surface

Place: ^{9.2#} fresh water gel based abandonment mud
between plugs; clean, restore and regrade
site, erect regulation dryhole marker.

DATE 5-13-81 SIGNED MTM

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

5. Lease Serial No.
UTU474

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

7. If Unit or CA/Agreement, Name and/or No.
NATURAL BUTTES UN

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No.
NATURAL BUTTES UNIT 69-28B

2. Name of Operator
EOG RESOURCES, INC

Contact: MARY A. MAESTAS
E-Mail: mary_maestas@eogresources.com

9. API Well No.
43-047-30576

3a. Address
600 17TH STREET SUITE 1000 N.
DENVER, CO 80202

3b. Phone No. (include area code)
Ph: 303-824-5526

10. Field and Pool, or Exploratory
NATURAL BUTTES

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 28 T10S R22E NWNE 585FNL 1851FEL

11. County or Parish, and State
UINTAH COUNTY, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The referenced well was plugged and abandoned in May 1981 as per the attached procedure.

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

**Electronic Submission #59573 verified by the BLM Well Information System
For EOG RESOURCES, INC, sent to the Vernal**

Name (Printed/Typed) MARY A. MAESTAS

Title REGULATORY ASSISTANT

Signature

Mary A. Maestas
(Electronic Submission)

Date 04/10/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

APR 14 2008

NBU 69-28B

5-22-81

PLUG AND ABANDONMENT

Report #1

MIRU. Installed BOP, circ tbg & spot 50 sx cmt plug. TOH to 6650' & load hole w/mud. TOH to 2700' & spot 50 sx cmt plug. TOH w/tbg, found free point using stretch method @ 688'. Reset BOP & SDFN.

CUM cost \$3300

5-23-81

Report #2.

Cut & rec 603' csg, LD csg. TIH w/tbg to 700' & spot a 75 sx cmt plug. Pull tbg to 300' & spot a 100 sx cmt plug. TOH w/tbg. Set a 10 sx cmt plug in 9 5/8" csg at surface. RDMO.

CUM cost \$12,962