

25/79 - Fugged & abandoned

FILE NOTATIONS

Entered in NYD File✓....
Location Map Pinned✓....
Card Indexed✓....

Checked by Chief
Approval Letter
Disapproval Letter

COMPLETION DATA:

Date Well Completed 4-25-79
NW..... TA.....
SE..... 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 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
 1980' FSI & 1980' FEL (NW SE) ✓
 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)
 1980' ✓

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

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 4846' NAT GL

16. NO. OF ACRES IN LEASE
 1920 ✓

19. PROPOSED DEPTH
 8600'

17. NO. OF ACRES ASSIGNED TO THIS WELL

20. ROTARY OR CABLE TOOLS
 ROTARY

5. LEASE DESIGNATION AND SERIAL NO.
 UTAH 0579

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

7. UNIT AGREEMENT NAME
 NATURAL BUTTES UNIT

8. FARM OR LEASE NAME

9. WELL NO.
 45-24B ✓

10. FIELD AND POOL, OR WILDCAT
 NBU - WASATCH ✓

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 SEC. 24, T9S, R20E ✓

12. COUNTY OR PARISH 13. STATE
 UINTAH UTAH

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9-5/8"	36.0# K-55	200'	200 sx
7-7/8"	4 1/2"	11.6# K-55	8600'	1200 sx

1. SURFACE FORMATION: Uinta
2. EST LOG TOPS: Green River 1346', Wasatch 5066'
3. Anticipate water throughout the Uinta, oil & gas sands in the Green River from 2550' to 5066', gas sands in the Wasatch from 5066' 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 & kill line, kelly cock, stabbing valve, and visual mud monitoring.
8. TESTS, LOGS, & CORES: No cores or DST's are anticipated. Run DIL, FDC CNL-GR logs.
9. No abnormal problems or pressures are anticipated.
10. Operations will commence approx 9/78 and end approx 10/78.

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 Morgan E. Peak TITLE ENGINEERING CLERK DATE 7/26/78

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE APPROVED BY THE DIVISION OF OIL, GAS, AND MINING

APPROVED BY _____ TITLE _____ DATE 8-1-78

CONDITIONS OF APPROVAL, IF ANY:

BY: C.B. Feight

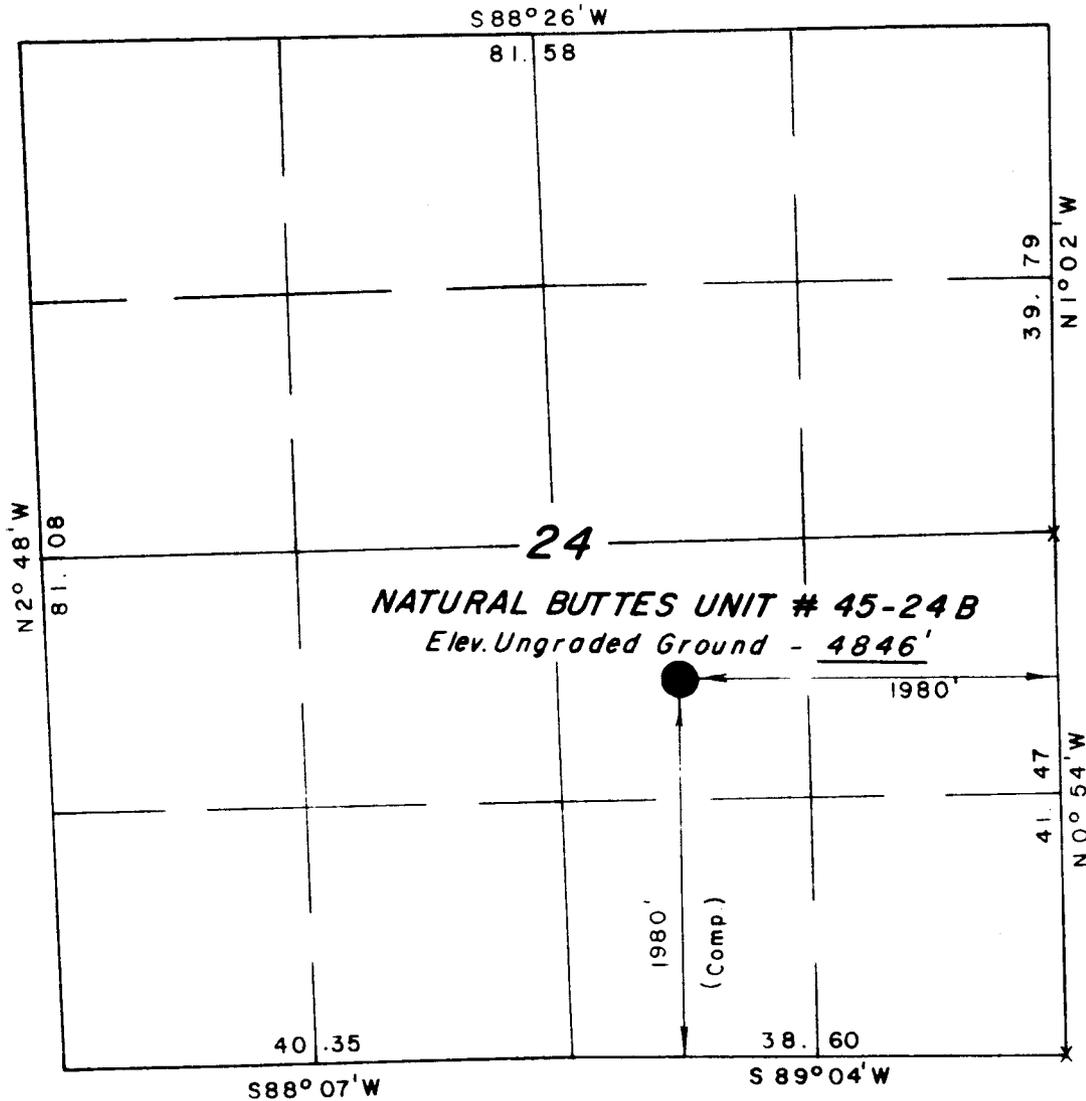
T9S, R20E, S.L.B. & M.

PROJECT
BELCO PETROLEUM CORP.

Well location, *NATURAL BUTTES UNIT #45-24B*, located as shown in the NW 1/4 SE 1/4 Section 24, T9S, R20E, S.L.B. & M. Uintah County, Utah.

NOTE:

Elev. Ref. Pt. 200' S 15° 53' 18" W = 4849.55'
 " " " " N 74° 06' 42" W = 4838.35'
 " " " " N 15° 53' 18" E = 4836.05'
 " " " " S 74° 06' 42" E = 4845.90'



X = Section Corners Located

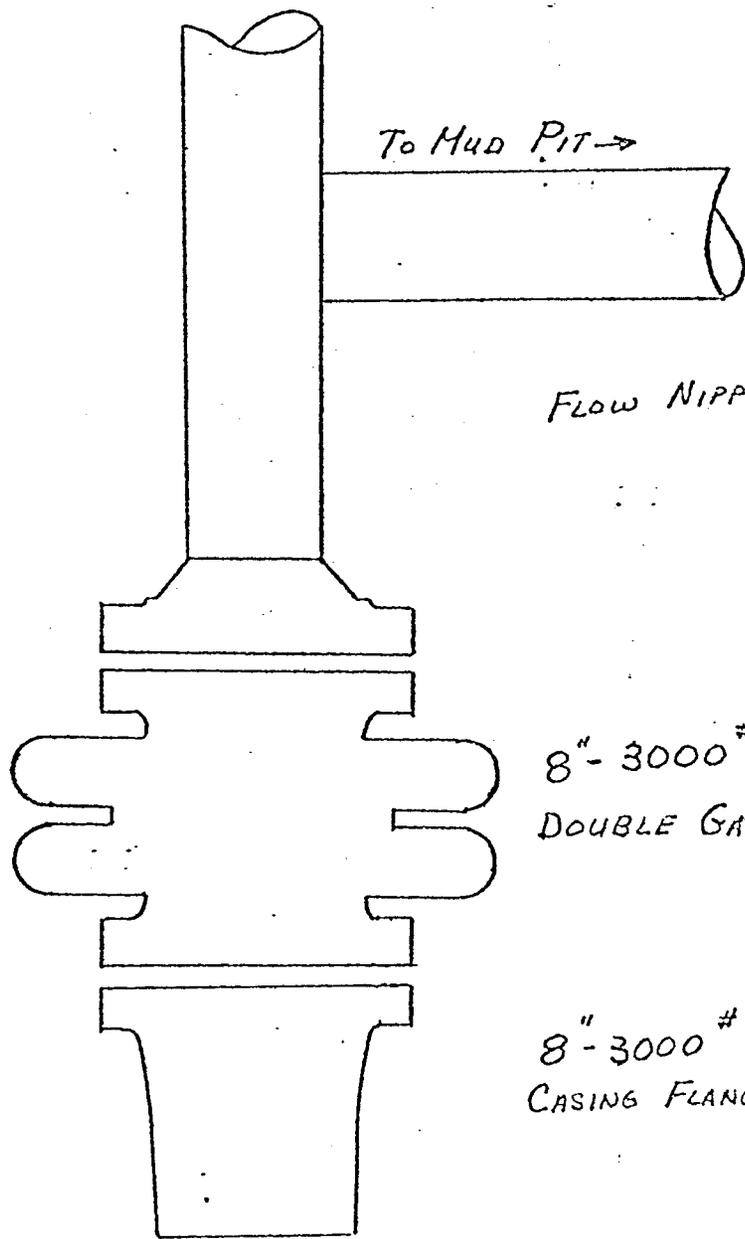


CERTIFICATE

I hereby certify that the above plat was prepared by me or under my direct supervision and that I am a duly licensed and registered land surveyor in the State of Utah.

[Signature]
 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 / 12 / 78
PARTY	DA DS	RP	REFERENCES GLO Plat
WEATHER	Fair	FILE	BELCO PETROLEUM CORP.



To Mud PIT ->

FLOW NIPPLE

8" - 3000# HYDRAULIC
DOUBLE GATE BOP

8" - 3000#
CASING FLANGE

MINIMUM BOP
DIAGRAM

Belco Petroleum Corporation

Belco



July 26, 1978

Mr. Edgar W. Guynn
U. S. Geological Survey
8440 Federal Building
Salt Lake City, Utah 84138

RE: Natural Buttes Unit
Uintah County, Utah

Dear Mr. Guynn:

Attached are Applications for Permit to Drill, Surface Use and Operating Plans, and Survey Plats for the following Natural Buttes Unit locations:

NATURAL BUTTES UNIT 45-24B
Section 24, T9S, R20E

NATURAL BUTTES UNIT 52-4B
Section 4, T9S, R21E

NATURAL BUTTES UNIT 53-3B
Section 3, T9S, R21E

NATURAL BUTTES UNIT 54-2B
Section 2, T9S, R21E

Very truly yours,

BELCO DEVELOPMENT CORPORATION

**ORIGINAL SIGNED
LEO R. SCHUELER**

Leo R. Schueler
District Manager

MEP/rgt

Attachments

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

UNIT STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

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 DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
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 SINGLE ZONE MULTIPLE ZONE

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 BELCO DEVELOPMENT CORPORATION

3. ADDRESS OF OPERATOR
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 8600'

20. ROTARY OR CABLE TOOLS
 ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 4846' NAT GL

22. APPROX. DATE WORK WILL START*
 9/78

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
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9. No abnormal problems or pressures are anticipated.
10. Operations will commence approx 9/78 and end approx 10/78.

State of Utah, Department of Natural Resources
 Division of Oil, Gas and Mining
 1500 West North Temple
 Salt Lake City, Utah 84116
 7/28/78

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give details of present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measurements and the surface depth. Give blowout preventer program, if any.

24. SIGNED Morgan E. Peck TITLE ENGINEERING CLERK DATE 7/28/78

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY H. B. Hamer TITLE ENGINEER DATE NOV 16 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 of U

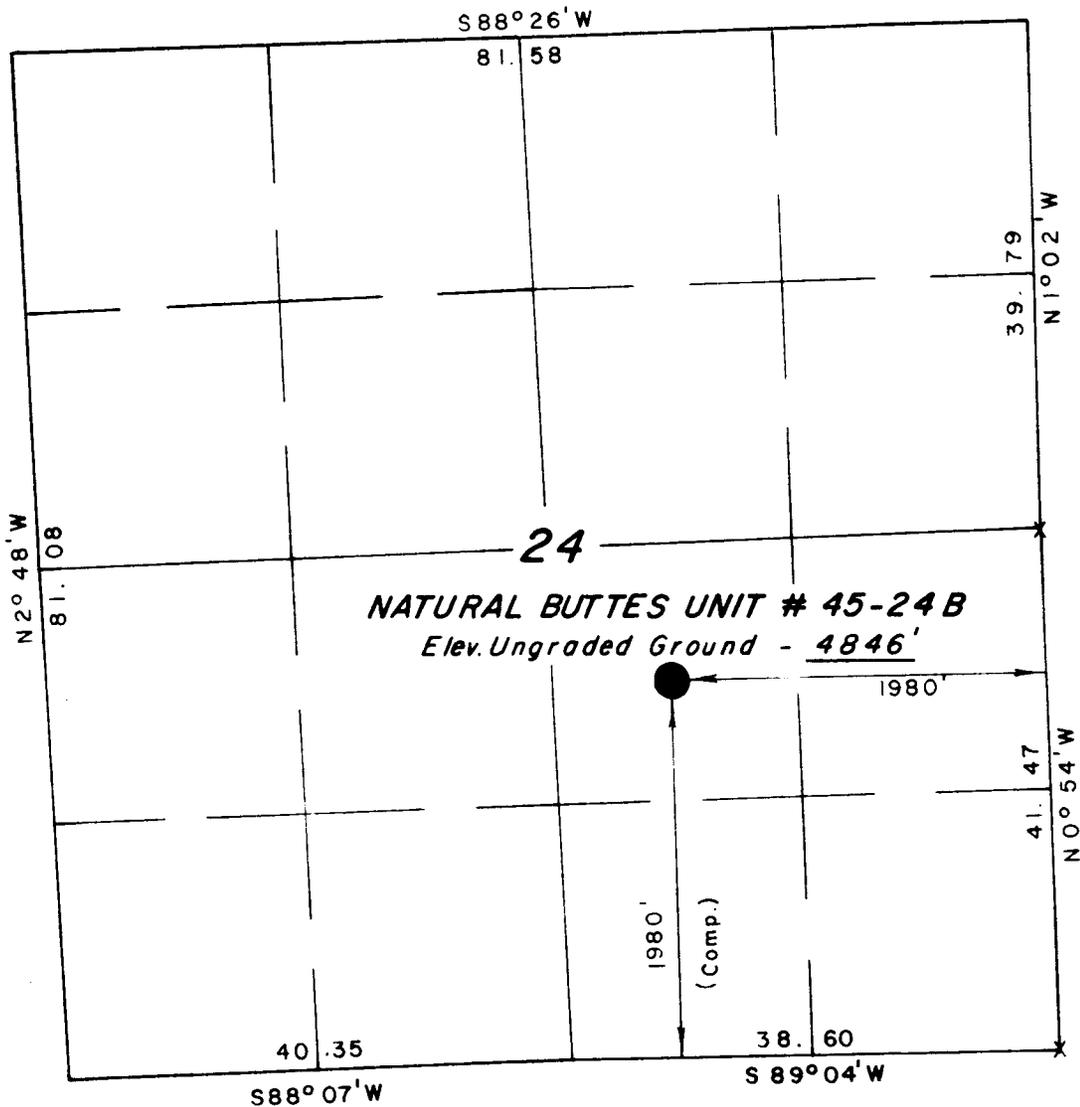
T 9 S, R 20 E, S. L. B. & M.

BELCO PETROLEUM CORP.

Well location, *NATURAL BUTTES UNIT # 45-24B*, located as shown in the NW 1/4 SE 1/4 Section 24, T9S, R20E, S.L.B.&M. Uintah County, Utah.

NOTE:

Elev Ref. Pt. 200' S 15° 53' 18" W = 4849.55'
 " " " " N 74° 06' 42" W = 4838.35'
 " " " " N 15° 53' 18" E = 4836.05'
 " " " " S 74° 06' 42" E = 4845.90'



NATURAL BUTTES UNIT # 45-24B
 Elev. Ungraded Ground - 4846'



Survey Plat

I, *James Stewart*, being duly sworn, depose and say that the foregoing is a true and correct copy of the original survey plat as shown to me by the engineer in charge of the same, and that the same are in accordance with 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 6/12/78
PARTY DA DS	REFERENCES RP GLO Plat
WEATHER Fair	BY BELCO PETROLEUM CORP.

X= Section Corners Located

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. Utah 0579

OPERATOR: Belco Development Corp. WELL NO. 45-24B

LOCATION: 1/2 NW 1/2 SE 1/2 sec. 24, T. 9S., R. 20E., SLM
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? No.

3. Other probable leasable minerals? Yes. oil shale in Green River (1350 - 5000'); gilsonite veins present in area.

4. Are hazardous fluids or gases likely? No.

5. Are abnormal conditions of pressure or temperature likely? No.

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

7. Is additional logging or sampling needed? No.

8. References - remarks: USGS Files, Salt Lake City, Utah

Is location within 2 miles of a KGS? Yes. Within Bitter Creek KGS

Signature: Don C. Alwood Date: 08-10-78

USUAL ENVIRONMENTAL ANALYSIS

Operator Belco Development Company Well Name & No. 45-24B

Location 1,980' F S L & 1,980' F E L C-NW 1/4 SE 1/4 sec. 24, T. 9 S., R. 20 E., SLM

County Uintah State Utah Lease No. U-0579

Field Natural Buttes Unit Natural Buttes Well Type Development

Date Inspected August 16, 1978

Inspector Lynn E. Rust

Title Environmental Scientist

Prepared by Lynn E. Rust 8/29/78

Environmental Scientist, Casper, Wyoming

Other Agencies or Representatives concurrence:

Lynn Hall - BIA Yes

Major Federal action under NEPA No

NOTED JOHN T. EVANS, JR.
8-31-78 *JE*

Lined pits

The following participated in a joint inspection of the proposed well-site and access road on August 16, 1978.

<u>Name</u>	<u>Representing</u>	<u>Title</u>	<u>Stationed In</u>
Lynn Rust	USGS	Environmental Scientist	Casper, Wyoming
Lynn Hall	BIA	Soil Conservationist	Fort Duchesne, Utah
Al Maxfield	Belco	Area Foreman	Vernal, Utah
John Olsen	Pease Bros.	Dirt Contractor	Vernal, Utah
Jim Robbins	BLM	Geologist	Vernal, Utah

Proposed Action

On July 31, 1978, Belco Development Corporation filed an Application for Permit to Drill the No. 45-24B development well, an 8,600-foot gas test of the Wasatch formation of Cretaceous age; located at an elevation of 4,846 GL feet in the C-NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 24, T. 9 S., R. 20 E., S.L.M. on Federal mineral lands and BIA surface; lease No. u-0579. 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 preventer 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 and 13-Point Surface Protection Plans are on file in the USGS District Office in Salt Lake City, Utah, and the USGS Northern Rocky Mountain Area

Office in Casper, Wyoming. It is unknown when the drilling operation would begin after approval of the APD, which would be expected to last 24 days to reach total depth and complete the well for production if hydrocarbons are discovered.

A working agreement has been reached with the Bureau of Indian Affairs, 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 attached.

Location and Natural Setting

The proposed drillsite is approximately 8 miles southeast of Ouray, Utah, the nearest town. The nearest dwellings are 8 miles northwest. A poor road runs to within 1/4-mile north of the location. This well is in the northwest portion of the Natural Buttes field, with the nearest producing well being 3/4-mile south. A dry hole was drilled about 2-1/2 miles southwest of the location.

The overall topography consists of sandstone bluffs and broad drainages filled with sand dunes. The location sits on top of a rather large sand

dune and is somewhat flat. The surface geology is the Unita formation. There really is no soil, just sand. 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. No mining of any sort is anticipated in the area. The land is used primarily for grazing and oil-patch work. The climate is semi-arid with abundant sunshine, hot summers, and cold winters with temperature variations on a daily and seasonal basis. The mean annual temperature of the area is 52 degrees Fahrenheit with extremes ranging from 105 degrees Fahrenheit to -20 degrees Fahrenheit. The ground usually freezes to a depth of approximately 2 feet in the winter. This could lead to frost heaving and spring thaw problems with the facilities. Annual precipitation is 8 to 10 inches. Winds are medium and steady, occurring predominately from west to east. Air mass inversions are rare.

The area eventually drains into the White River. The nearest permanent water is a river 4-1/2 miles to the north. The nearest intermittent water is a general drainage area 1/4-mile north. There are no water wells in the general area. The depths of fresh-water formations are listed in the 10-Point Subsurface Protection Plan.

The sparse vegetation consists of four wing salt bush, spiny horse brush, little green rabbit brush, prickly pear cactus, and a few annuals.

Mammalian wildlife in the area include antelope, deer, fox, coyote, rabbit, ground squirrels, small gophers, and mice. There are numerous prairie and mountain birds in the general area, including the following: birds of prey such as owls, Bald and Golden eagles, and various types of hawks and falcons. Snakes and small lizards are also present on a seasonal basis.

There are no known endangered or threatened plant species in the area. The American Bald Eagle, one of the endangered animal species, may be in the general area. There are no known threatened animal species in the area.

The inspecting archaeologist from Western Wyoming College found no sites that would conflict with the proposed operation. There are no known historical, cultural or archaeological sites in the area.

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

There would be no tangible effect on water migration in fresh-water aquifers. 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.

PITS
LINED

Waterways would not be affected directly due to their distance from the site, about 4-1/2 miles north.

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 predrilling levels.

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.

A trash pit would be utilized for any solid wastes generated at the site and would be hauled away to an acceptable sanitary land fill at the completion of the operations. Sewage would be handled according to State sanitary codes. For further information, see the 13-Point Surface Plan.

The 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. 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.

The site is not visible from any major roads. After drilling operations, completion equipment would be visible to passersby and inhabitants of the area but would not present a major intrusion. The site would blend into the long-vista viewpoint.

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. The anticipated traffic would have a minimal impact on ranch traffic and vehicular safety problems. Normal precautions would be employed to prevent damage or injury to ranch property and personnel. Aside from recreational activities such as hunting, the only other human conflicts that would arise in normal usage of the area would be the gas operations. These would be minor, with planned precautions to limit such conflict.

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 possibly national economics might be improved. In this instance, other development wells would be anticipated, with substantially greater environmental and economic impacts.

Alternatives to the Proposed Action

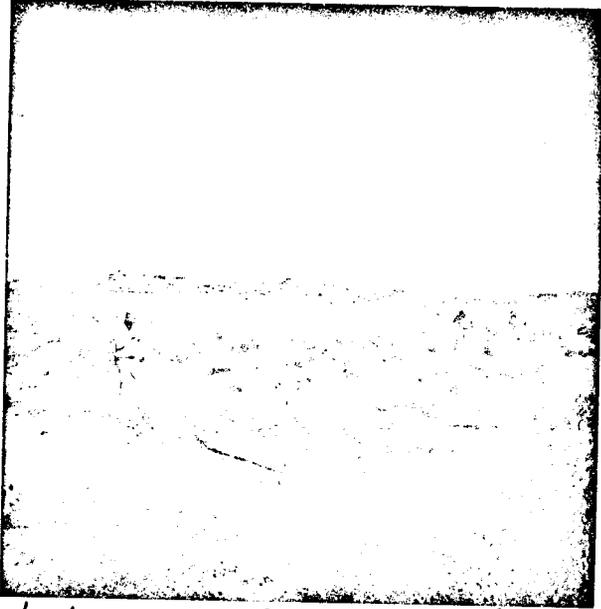
1. Under leasing provisions, the Geological Survey has an obligation to allow mineral development if the environmental consequences are not too severe or irreversible. Upon rehabilitation of the site, the environmental effects of this action would be substantially mitigated, if not totally annulled. Permanent damage to the surface and subsurface would be prevented as much as possible under USGS and BIA supervision with rehabilitation planning reversing almost all effects. Additionally, the

growing scarcity of gas should be taken into consideration. Therefore, the alternative of not proceeding with the proposed action at this time is rejected.

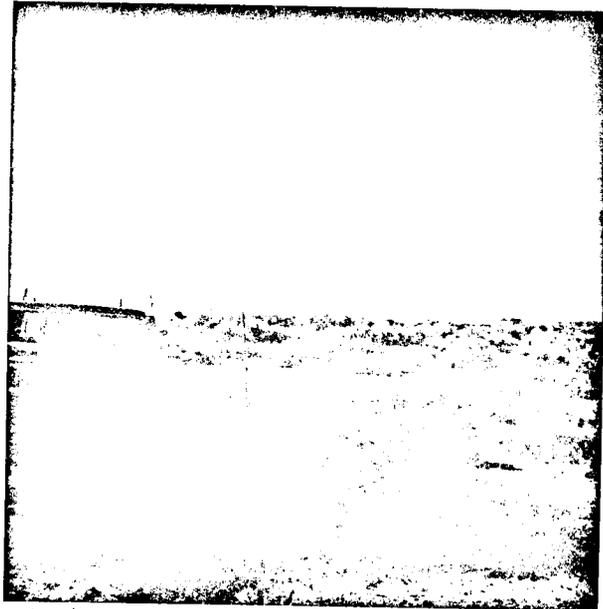
2. Minor relocation of the wellsite and access road or any special, restrictive stipulations or modifications to the proposed program would not significantly reduce the environmental impact. There are no severe vegetative, animal, or archaeological-historical-cultural conflicts at the site. Since only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

Adverse Environmental Effects Which Cannot Be Avoided

Surface scars resulting from construction work, wellpad, and the access road would be visible for the life of the project and for a period of time after abandonment while rehabilitation is completed. The disturbed areas would not be available for grazing purposes during the project's lifetime. Minor relocation of wildlife, notably small rodents, in the immediate area would be anticipated. Some erosion would be anticipated with the removal of vegetative cover. Dust levels and exhaust pollutants would increase somewhat during the construction and drilling phases of the operation. Traffic hazards with ranch vehicles, though low, would be present. Noise levels would increase during construction and drilling.



8/16/78 C NW SE Sec. 24 T9S R20E
Uintah Co., UT. EA#1274-78 SLB+M
Lease # U-0579 Natural Buttes Unit
Belco well # 45-2413 Looking NW
LR



8/16/78 C NW SE Sec. 24 T9S R20E
Uintah Co., UT. EA#1274-78 SLB+M
Lease # U-0579 Natural Buttes Unit
Belco well # 45-2413 Looking South
LR

The potential for fluid spills, gas leaks, and related accidents would be present. If hydrocarbons are discovered and produced, further development of the area would be expected to occur which would result in the extraction of an irreplaceable resource, and further negative environmental impacts.

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



STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

NW SE
Wasatch

** FILE NOTATIONS **

Date: Aug. 1-
Operator: Belec Pet.
Well No: Natural Buttes 45-24B
Location: Sec. 24 T. 9S R. 20E County: Uintah

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

API NUMBER: 13-047-30472

CHECKED BY:

Administrative Assistant [Signature]
Remarks:
Petroleum Engineer [Signature]
Remarks:
Director [Signature]
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 Nat. Buttes Unit

Other:

Letter Written/Approved

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See instructions on reverse side)

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

10

5. LEASE DESIGNATION AND SERIAL NO.

UTAH - 0579

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

UTE - SURFACE

7. UNIT AGREEMENT NAME

NATURAL BUTTES UNIT

8. FARM OR LEASE NAME

9. WELL NO.

45-24B

10. FIELD AND POOL, OR WILDCAT

NBU - WASATCH

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

SEC 24. T9S, R20E

12. COUNTY OR PARISH

UINTAH

13. STATE

UTAH

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL [] GAS WELL [] DRY [X] 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 1980' FSL & 1980' FEL (NW SE)

At top prod. interval reported below

SAME At total depth

14. PERMIT NO. 30472 DATE ISSUED 8/1/78

15. DATE SPUNDED 4/4/79 16. DATE T.D. REACHED 4/25/79 17. DATE COMPL. (Ready to prod.) 4/25/79 P&A 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4858' KB 19. ELEV. CASINGHEAD 4846'

20. TOTAL DEPTH, MD & TVD 7127' 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY ALL 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* NONE 25. WAS DIRECTIONAL SURVEY MADE NO

26. TYPE ELECTRIC AND OTHER LOGS RUN DLL, CNL-FDC w/GR

27. WAS WELL CORED NO

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

Table with 6 columns: CASING SIZE, WEIGHT, LB./FT., DEPTH SET (MD), HOLE SIZE, CEMENTING RECORD, AMOUNT PULLED. Row 1: 9-5/8", 36.0#, 195', 13", 300 sx Class "G", NONE.

29. LINER RECORD

Table with 5 columns: SIZE, TOP (MD), BOTTOM (MD), SACKS CEMENT*, SCREEN (MD). All fields are empty.

30. TUBING RECORD

Table with 3 columns: SIZE, DEPTH SET (MD), PACKER SET (MD). Row 1: NONE, empty, empty.

31. PERFORATION RECORD (Interval, size and number)

NONE

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

Table with 2 columns: DEPTH INTERVAL (MD), AMOUNT AND KIND OF MATERIAL USED. Row 1: NONE, empty.

33.* PRODUCTION

Table with 8 columns: DATE FIRST PRODUCTION, PRODUCTION METHOD, WELL STATUS, DATE OF TEST, HOURS TESTED, CHOKER SIZE, PROD'N. FOR TEST PERIOD, OIL-BBL., GAS-MCF., WATER-BBL., GAS-OIL RATIO, FLOW. TUBING PRESS., CASING PRESSURE, CALCULATED 24-HOUR RATE, OIL-BBL., GAS-MCF., WATER-BBL., OIL GRAVITY-API (CORR.).

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

TEST WITNESSED BY

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 Robert Spingarn TITLE ENGINEERING TECHNICIAN DATE 5/15/79

*(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 23, 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.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
DST #1: FROM 6598' to 6612' Wasatch.			Blow IF bottom of bucket in 1 min 39#, 296 MCF 5 min. FF-bottom of bucket in 1 1/2 mins, 10' orange flare. Recovered 30' gas cut mud, 62' fluid. IHP 3571, IFF 206, ISIP 2988, FFP pkr slipped 25 min, 15#, 1/2" choke, 147 MCF, FSIP 2323, FHP 3446, BHT 1580F.			

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

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.)

1. OIL WELL GAS WELL OTHER DRY HOLE

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.*
See also space 17 below.)
At surface

1980' FSL & 1980' FEL (NW SE)



5. LEASE DESIGNATION AND SERIAL NO.
UTAH 0579

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

7. UNIT AGREEMENT NAME
NATURAL BUTTES UNIT

8. FARM OR LEASE NAME

9. WELL NO.
45-24B

10. FIELD AND POOL, OR WILDCAT
NBU - WASATCH

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SEC 24, T9S, R20E

12. COUNTY OR PARISH
UINTAH

13. STATE
UTAH

14. PERMIT NO. 30472

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
4858' KB

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(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.)*

Spudded well 2/19/79. Drilled a 13" hole to 195'. Ran 9-5/8", 36.0#, K-55 surface casing and cemented to surface. Drilled a 7-7/8" hole to TD at 7127'. Ran logs & 1 DST. Determined well to be a dry hole. Received verbal approval to plug well on 4/24/79.

Propose to plug with cement plugs equalized as follows:

PLUG #1 6500-6350' 71 sx PLUG #4 1500-1300' 86 sx
 PLUG #2 4900-4750' 71 sx PLUG #5 200- 150' 42 sx
 PLUG #3 3400-3150' 107 sx PLUG #6 AT SURFACE 10 sx

Location will be cleaned and rehabilitated according to the approved plan. A regulation dry hole marker will be erected.

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING

DATE:

BY: *P.L. Driscoll/KA*

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

SIGNED *Robert Springman*

TITLE ENGINEERING TECHNICIAN DATE 5/15/79

(This space for Federal or State office use)

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

DRILLING

NBU 45-24B ✓

TD 7156'
 Buck Canyon
 TWT #5
 Belco WI 100%

207' KB (0') O. WORT, Uintah
 WO muddy roads to move.
 AFE Est \$215,000
 Cost to date \$28,900

NBU 48-29B ✓

TD 7293'
 Buck Canyon
 Chandler & Assoc #1
 Belco WI 100%

3132' (495') 7. Drlg Green River
 Drld 495' in 22 3/4 hrs. Lost circ @ 2642', 2000 BBLs
 mud, 2995' 700 BBLs mud.
 Bit #2, 8 3/4, J-44, 3 13/32, 1287' 71 hrs.
 PP-600, WT-45, RPM-60
 Mud prop: water BG-350, CG-650
 No drlg breaks
 AFE Est \$187,000
 Cost to date \$77,490

NBU 56-11B ✓

TD 7257'
 Buck Canyon
 RL Manning #23
 Belco WI 100%

2170' (670') 3. Drlg Green River
 Drld 670' in 23 3/4 hrs. DV @ 1822' 3/4".
 Bit #1, 8 3/4, J-44, 3 13/32, 1959' 58 hrs.
 PP-850, WT-35, RPM-60
 Mud prop: water
 AFE Est \$203,000
 Cost to date \$66,184

COMPLETION

NBU 57-12B ✓

R & R Well Serv
 Belco WI 100%
 PBD 7134'

Shut down by snow storm.
 CBL Detail: TD 7134', 95-100% bond-TD to 6025',
 10-40% bond-6025' to 5680'
 100% w/spotted void-5680' to 4670'
 10-20% bond 4670' to 4280'
 Spotted bond 4280' to top cement @ 2075'
 DV tool @ 5021'

This A.M. press test csg 5000 PSI, perf and start
 breakdowns.
 AFE Est \$395,000
 Cost to date \$250,581

NBU 39-28B

WOCU

NBU 42-35B

WOCU

NBU 46-26B

WOCU

NBU 49-12B

WOCU

NBU 51-31B

WOCU

OPERATIONS

CWU TOTAL

4067 MCFD LP-492

NBU TOTAL

11,134 MCFD 19 wells on, 5 SI CIG dehy problems,
 3 Belco problems
 Meter station #101 LP-471, NBU 4-35B LP-728
 #106 LP-471, NBU 8-20B LP-506
 #110 LP-471, NBU 36-7B LP-581

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.
UTAH 0579

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(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.)

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UTE (SURFACE)

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NATURAL BUTTES UNIT

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

1980' FSL & 1980' FEL (NW SE)

14. PERMIT NO.
30472

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
4858' KB

12. COUNTY OR PARISH | 13. 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.)

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Location will be cleaned and rehabilitated according to the approved plan. A regulation dry hole marker will be erected.

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

SIGNED Robert Spingma

TITLE ENGINEERING TECHNICIAN

DATE 5/16/79

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____