

UTAH OIL AND GAS CONSERVATION COMMISSION

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

* Location Abandoned - Well never drilled 3-29-82 oper. reg.

DATE FILED 3-15-82

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

DRILLING APPROVED: 3-19-82

SPUDDED IN:

COMPLETED: _____ PUT TO PRODUCING: _____

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR.

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION:

DATE ABANDONED: LA ~~3-29-83~~ 5-25-83

FIELD: NATURAL BUTTES 3/86

UNIT:

COUNTY: Uintah

WELL NO. N.B.U. #78

API NO. 43-047-31188

LOCATION 660 FT. FROM (N) ~~XX~~ LINE. 861 FT. FROM ~~XX~~ (W) LINE. NW NW 1/4 - 1/4 SEC. 30

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
9S	21E	30	COASTAL OIL & GAS CORP.				

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

MINERALS MANAGEMENT
SERVICE

OIL & GAS OPERATION RECEIVED

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
 Coastal Oil & Gas Corporation

3. ADDRESS OF OPERATOR
 P. O. Box 749, Denver, CO 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
 At surface
 660' FNL/861' FWL (NW NW)
 At proposed prod. zone
 Same

5. LEASE DESIGNATION
 U-0581

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 N/A

7. UNIT AGREEMENT NAME
 Natural Buttes Unit

8. FARM OR LEASE NAME
 Natural Buttes Unit

9. WELL NO.
 Natural Buttes Unit #78

10. FIELD AND POOL, OR WILDCAT
 Natural Buttes Field

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Section 30-T9S-R21E

12. COUNTY OR PARISH
 Uintah

13. STATE
 Utah

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 Approximately 15 miles SE of Ouray, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
 861'

16. NO. OF ACRES IN LEASE
 2399.63

17. NO. OF ACRES ASSIGNED TO THIS WELL
 160

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 2149'

19. PROPOSED DEPTH
 7100' (Wasatch)

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 4848' Ungr. Gr.

22. APPROX. DATE WORK WILL START*

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#	200'	125 sx
8-3/4", 7-7/8"	4-1/2"	11.6#	7100'	Circulate cmt to surface to properly isolate the hydrocarbon bearing zones, the oil shale & shallow ground water.

Fresh water aquifers will be protected when the long string is run and cement is circulated back to surface.

Please see the attached supplemental information:

- (1) Survey Plat
- (2) Ten-Point Program
- (3) BOP Schematic
- (4) Thirteen-Point Surface Use Program
- (5) Proposed Gas Well Production Hookup
 - a. Typical Wellhead Installation
 - b. Typical Connection to Main Lines & Pipe Anchor Detail
 - c. Proposed Flowline Right-of-Way

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 H. E. Aab TITLE District Drilling Manager DATE March 11, 1982

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
 APPROVED BY W. J. Martin DATE OCT 29 1982
 CONDITIONS OF APPROVAL, IF ANY: John E. W. Guynn
 DISTRICT OIL & GAS SUPERVISOR

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

NOTICE OF APPROVAL

*See Instructions On Reverse Side

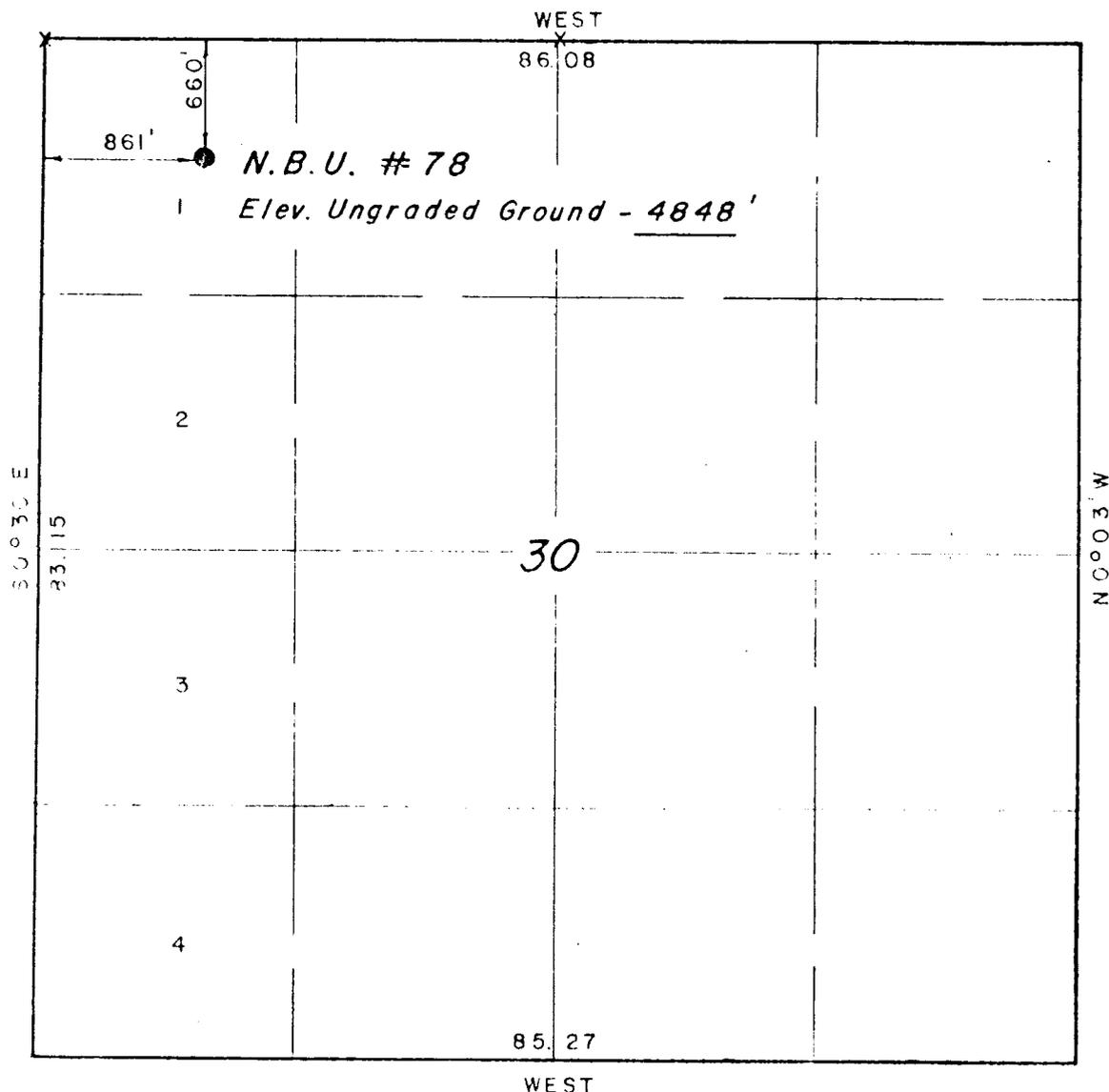
FLARING OR VENTING OF GAS IS SUBJECT TO NTL 4-A DATED 1/1/80

State Oil & Gas

T 9 S , R 21 E , S . L . B . & M .

PROJECT
COASTAL OIL & GAS CORP.

Well location , *N.B.U. # 78* , located
as shown in the NW 1/4 NW 1/4
Section 30 , T 9 S , R 21 E , S . L . B .
& M . Uintah County , Utah .



X = Section Corners Located



CERTIFICATE
THE STATE ENGINEER HAS REVIEWED THE SURVEY AND FINDS IT TO BE IN ACCORDANCE WITH THE LAWS OF THE STATE OF UTAH.
[Signature]
REGISTERED LAND SURVEYOR
REGISTRATION NO 3137
STATE OF UTAH

UTAH ENGINEERING & LAND SURVEYING P.O. BOX Q - 85 SOUTH - 200 EAST VERNAL, UTAH - 84078			
SCALE	1" = 1000'	DATE	2 / 15 / 82
PARTY	D. A. J. K. L. Z.	REFERENCES	GLO Plat
WEATHER	Cold	FILE	COASTAL

Coastal Oil and Gas Corporation
Well No. NBU 78
Section 30, T.9S., R.21E.
Natural Buttes Unit
Uintah County, Utah
Lease U-0581

Supplemental Stipulations

- 1) Prior to any surface disturbance, a BIA right-of-way will be obtained or a change of access route will be necessary. If a change of access route is desired, the operator will contact MMS and BLM.
- 2) Traveling off access road rights-of-way will not be allowed. The maximum width of access pads (both existing and planned) will be 30 feet total disturbed area. Roads will be crowned and properly maintained. Turnouts will not be required.
- 3) Burn pits will not be constructed. There will be no burning or burying of trash or garbage at the well site. Refuse must be contained in trash cages and hauled to an approved disposal site.
- 4) A wire mesh or net type of fence, topped with at least one strand of barbed wire, will be used around the reserve pits.
- 5) The BLM will be contacted at least 24 hours prior to any rehabilitation activities. The operator may be informed of any additional needed seeding or restoration requirements.
- 6) The top 6 inches of topsoil will be gathered stockpiled in two piles; one between reference corners No. 4 and No. 8; the other between reference corners No. 1 and No. 2.
- 7) Adequate and sufficient electric/radioactive logs will be run to locate and identify the prime oil shale and gilsonite in the Mahogany Zone of the Green River formation. Casing and cementing programs will be adjusted to eliminate any potential influence of the well bore or productive hydrocarbon zones on the oil shale and gilsonite resources. Surface casing program may require adjustment for protection of fresh water aquifers. (See attached tentative casing and cementing program for the Uinta Basin.)

Stipulations for the installation of flowlines:

- 1) No installation will be allowed unless the BLM is notified at least 24 hours prior to the start of construction.

- 2) The flowline routes will not be bladed. A bulldozer may be used to assist trucks in steep terrain, drag pipeline into position and for a construction of ford type crossings on drainages which cannot otherwise be crossed. Construction of drainage crossing is the only type surface disturbance authorized.
- 3) Pipeline construction shall not block, dam, or change the natural flow of any drainage.

"All permanent (on site for six (6) months duration or longer) structures constructed or installed including the pumpjack and covering over tank insulation shall be painted a flat non-reflective, earth tone color to match Tnemec 23-08351 Mesa Brown Endura-tone or an approved equal. All facilities shall be painted within six (6) months of when the production facilities are put in place. Facilities that are required to comply with O.S.H.A. (Occupational Safety and Health Administration) standards are excluded." Choice of color stipulations may vary depending on location.

ADDITIONAL STIPULATIONS FOR PRODUCTION FACILITIES

Your Application for Permit to Drill also included submittal for production facilities. These production facilities are approved for the lessee and his designated operator under Section 1 of the Oil and Gas Lease with the following conditions:

- (1) The oil and gas measurement facilities must be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy are to be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. Please provide this office with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports are to be submitted to the Salt Lake City District Oil and Gas Supervisor. Royalty payments will be made on all production volume as determined by the meter measurements or the tank measurements. All measurement facilities must conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.
- (2) Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried from the wellhead to the meter and 500 feet downstream of the meter run or any production facilities. Meter runs must be housed and/or fenced.
- (3) All disturbed areas not required for operations will be rehabilitated.
- (4) All produced liquids must be contained including the dehydrator vent/condensate line effluent. All production pits must be fenced.
- (5) The well activity, the well status and the date the well is placed on production must be reported on Lessee's Monthly Report of Operations, Form 9-329.
- (6) All off-lease storage, off-lease measurement, or commingling on lease or off-lease must have written approval.
- (7) All product lines entering and leaving hydrocarbon storage tanks must be locked/sealed.
- (8) You are reminded of the requirements for handling, storing, or disposing of water produced from oil and gas wells under NTL-2B.
- (9) All materials, trash, junk, debris, etc. not required for production must be removed from the well site and production facility site at the completion of these operations.
- (10) A copy of the Gas Sales Contract will be provided to this office and the Royalty Accounting Department as directed.
- (11) Construction and maintenance for surface use approved under this plan should be in accordance with the surface use standards as set forth in the BLM/GS Oil and Gas Brochure entitled, "Surface Operating Standards for Oil and Gas Exploration and Development." This includes, but is not limited to, such items as road construction and maintenance, handling of top soil and rehabilitation.
- (12) "Sundry Notice and Reports on Wells" (form 9-331) will be filed for all changes of plans and other operations in accordance with 30 CFR 221.58. Emergency approval may be obtained verbally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alternations of facilities, including roads, gathering lines, batteries, measurement facilities, etc., will require the filing of a suitable plan and prior approval by the survey.



United States Department of the Interior

GEOLOGICAL SURVEY
CONSERVATION DIVISION
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

February 2, 1981

General Outline for the Protection and Isolation of Ground Water and Oil Shale in the Uinta Basin.

The oil shale occurs with varying thicknesses in most parts of the Uinta Basin and at varying depths. Ground water also occurs at varied depths above and below the Oil Shale. These ground waters have varying degrees of salinity. Nonetheless, drilling for hydrocarbon in the Uinta Basin should provide for the protection of the oil shale and the ground water if either is present.

The protection of the oil shale and the ground water can effectively be carried on through the design of an adequate casing and cementing program for each well drilled in the area.

In the Uinta Basin, water occurs mainly in the Uinta and the Green River formations. As drilling for hydrocarbon gets deeper into the crust of the earth, more ground water might be encountered and will be protected as it is encountered.

This notice's purpose is to attempt to lay the groundwork for a casing program and cementing program that will protect the oil shale and the ground water if present.

These programs are to be considered as guidelines. The specificity of casing depth, amount of cement and the depth of staging collars will be considered on an individual basis after a careful study of the logs of each individual well. Cementing from the bottom up is an economical solution if carefully conducted.

The casing and cementing program presented here as an example, will assume that fresh water was encountered in the upper parts of the Green River, that the oil shale occurs in the middle of the Green River (1000 foot section) and that some ground water is encountered in the lower parts of the Green River.

In this case, three areas will have to be cemented to assure the integrity of the ground water and oil shale. These areas are above the upper fresh water, across the oil shale and below the lower water aquifer. Deep aquifers that do not contain useful water are cemented to prevent water zone influence on production.

The following casing and cementing program will be appropriate for this example:

- A. Surface casing is set at approximately 300 feet and cemented to the surface.

- B. The next casing string will be set at approximately 300 feet below the lowest aquifer. Cementing will be done in three stages, using two stage collars and cement baskets or equivalent as described below and on attached sketches:
1. Cement first stage through the casing shoe to fill annulus back to base of lower aquifer.
 2. Place 1st stage collar (with cement basket immediately below) at a selected point at the base of the oil shale. Cement will have to reach top of oil shale.
 3. Place 2nd stage collar (with cement basket immediately below) 50 feet above the top of the Bird's Nest aquifer and cement to at least 300 feet above the stage collar.
- C. The above is an example. Reasonable equivalents that accomplish these same protective measures, (such as cementing the water zones instead of isolating them), depending on the individual cases will be considered for approval.
- D. When the above mentioned well is to be abandoned, inner-casing plugs will have to be placed at the same depth as the above mentioned annulus cement jobs.

The use of cement bond logs will verify the authenticity of the cement job performed.

- E. The Operator of such well should notify U.S.G.S. 48 hours prior to commencement of casing and cementing activity, so a technician could be dispatched to witness the operations to verify compliance with casing and cementing program.

Attached Sketches:

1. Schematic of the required casing and cementing program.
2. Cross section of the Uinta Basin.
3. Schematic of the general ground water protection program.

E. W. Gynn
District Oil and Gas Supervisor

AMR/kr

PARTIAL CASING & CEMENTING PROGRAM FOR WELLS
NATURAL BUTTES FIELD. HINTAH COUNTY, UTAH

NO SCALE

Uinta formation.

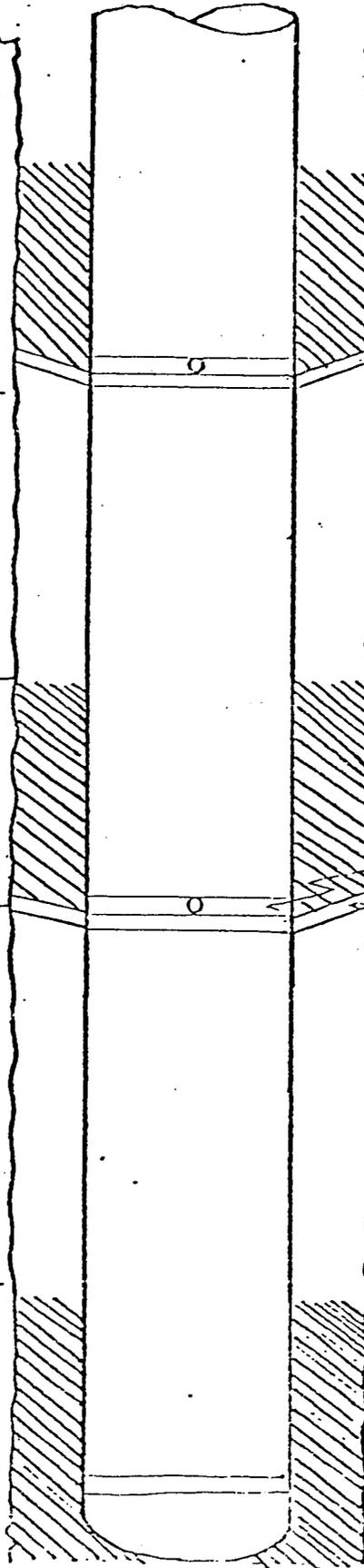
BIRDS NEST AQUIFER
HORSEBENCH SANDSTONE

GREEN RIVER

OIL SHALE ZONE

DOUGLAS CREEK
AQUIFER

LIMESTONE & SANDSTONE



CEMENT BASKET IS PLACED
50' ABOVE TOP AQUIFER.
CEMENT TO RISE A
LEAST 300' IN ANNULUS

STAGE COLLAR
CEMENT BASKET

CEMENT BASKET IS SET A
CONSOLIDATED SECTION AT THE
BASE OF THE OIL SHALE ZONE
CEMENT TO REACH THE TOP
OF THE MAHOGANY ZONE

CEMENT WILL REACH BASE
OF LOWER AQUIFER

1. Geologic name of surface formation:

UINTA

2. The estimated tops of important geologic markers:

GREEN RIVER: 1641' (+3207')

WASATCH: 4943' (-95')

3. The estimated depths at which anticipated water, oil, gas are expected to be encountered:

WASATCH - 4943' GAS -

4. The proposed casing program, including the size, grade and weight per foot each string and whether new or used:

9-5/8" - K-55, ST&C - 36# - NEW

4 -1/2" - N-80, LT&C - 11.6# - NEW

5. The operator's minimum specifications for pressure control equipment which is to be used, a schematic diagram thereof showing sizes, pressure ratings and testing procedures and testing frequency:

BOTTOM 3000# BOP W/4-1/2" pipe rams
3000# BOP W/blind rams
3000# Hydril

TOP: Grant rotating head

Manifold includes appropriate valves, positive and adjustable chokes and kill line to control abnormal pressures.

BOP's will be tested at installation and will be cycled on each trip.

6. The type and characteristics of the proposed circulating medium to be employed for rotary drilling and the quantities and types of mud and weighting material to be maintained:

(Continued on Page 2)

6. Continued --

The well will be drilled with fresh water from surface to 4500' with a weight of 8.3 to 8.7 . From 4500' to TD the well will be drilled with fresh wtr mud with a weight from 8.7 to 10.4 . Sufficient weighting material (barite) will be on location to increase the mud weight if abnormal pressure is encountered.

7. The auxiliary equipment to be used:

- a. kelly cock
- b. monitoring equipment on the mud system
- c. a sub on the floor with a full opening valve to be stabbed into the drill pipe when the kelly is not in the string.

8. The testing, logging and coring program to be followed:

No DST's are planned
No cores are expected to be cut.

LOGS: Dual Induction Laterolog
Compensated Neutron-Formation Density

9. Any anticipated abnormal pressures or temperatures expected to be encountered:

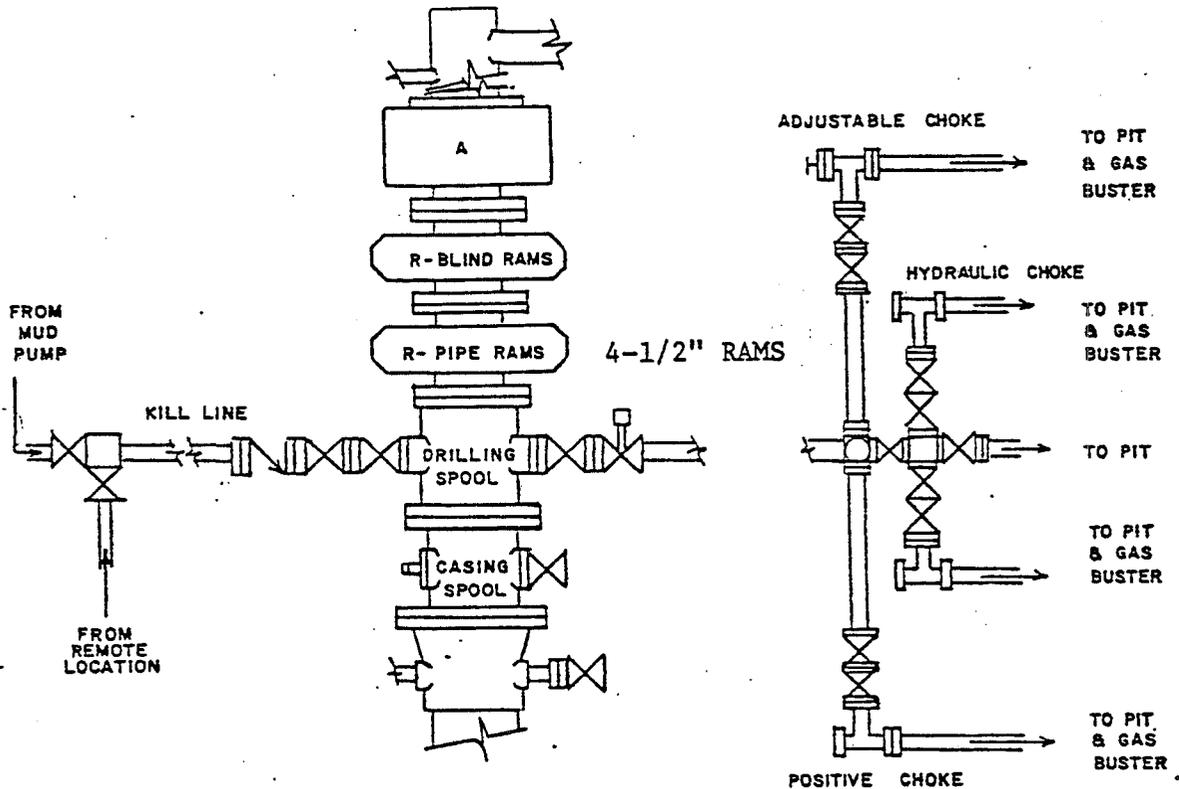
No abnormal pressures or temperatures expected
No hydrogen sulfide expected

10. The anticipated starting date and duration of the operation:

May 1, 1982
Three week's duration

3000 psi

Working Pressure BOP's



Test Procedure

- 1) Flush BOP's and all lines to be tested with water.
- 2) Run test plug on test joint and seat in casing head (leave valve below test plug open to check for leak).
- 3) Test the following to rated pressure:
 - a) inside blowout preventer
 - b) lower kelly cock
 - c) upper kelly cock
 - d) stand pipe valve
 - e) lines to mud pump
 - f) kill line to BOP's
- 4) Close and test pipe rams to rated pressure.
- 5) Close and test Hydril to rated pressure.
- 6) Back off and leave test plug in place. Close and test blind rams to rated pressure.
- 7) Test all choke manifold valves to rated pressure.
- 8) Test kill line valves to rated pressure.

COASTAL OIL & GAS CORPORATION

13 Point Surface Use Plan

for

Well Location

N.B.U. #78

Located In

Section 30, T9S, R21E, S.L.B. & M.

Uintah County, Utah

COASTAL OIL & GAS CORPORATION
N.B.U. #78
Section 30, T9S, R21E, S.L.B.& M.

1. EXISTING ROADS

See attached Topographic Maps "A" & "B".

To reach COASTAL OIL & GAS CORPORATION, well location site N.B.U. #78 located in the NW 1/4 NW 1/4 Section 30, T9S, R21E, S.L.B.& M., Uintah County, Utah:

Proceed Westerly out of Vernal, Utah along U.S. Highway 40 - 14 miles to the junction of this road and Utah State Highway 209; proceed South along Utah State Highway 209 - 7 miles more or less to the junction of this Highway and the Utah State Highway 88; proceed Southerly on Highway 88 - 10 miles to Ouray, Utah; proceed along South on a county road known as the Seep Ridge Road 3.3 miles to its junction with an existing gas field service road to the Southeast; proceed in a Southeasterly direction along this road 5.6 miles to its junction with the proposed access road (to be discussed in Item #2).

The highways mentioned above are bituminous surfaced roads to Ouray, Utah and are maintained by State road crews.

The county road known as the Seep Ridge Road is surfaced with native asphalt for ± 3.3 miles and is then a gravel surface road. The above described county road is maintained by county road crews and will require no further maintenance. The dirt gas field roads described above are dirt surfaced road that were built out of the native materials of the area which were accumulated during their construction. These materials consist of light brown sandy clay materials with some poorly graded gravels. These gas field roads will be maintained by COASTAL OIL & GAS CORPORATION or its sub-contractors, this maintenance will consist of some minor grader work to smooth road grades and for snow removal.

There is no anticipated construction on any portion of the above described roads. They will meet the necessary standards required to facilitate an orderly flow of traffic during the drilling phase, completion phase, and production phase of this well at such time that production is established.

2. PLANNED ACCESS ROAD

See Topographic Map "B".

The proposed access road leaves the existing road described in Item #1 in the SW 1/4 Section 19, T9S, R21E, S.L.B.& M., and proceeds in a Southerly direction 0.5 miles to the proposed location site.

COASTAL OIL & GAS CORPORATION
N.B.U. #78
Section 30, T9S, R21E, S.L.B.& M.

The grade along this road will be relatively level, the maximum grade along this road will not exceed 8%. The vegetation along this road consists of sagebrush and grasses with large areas devoid of an vegetation.

The proposed access road will be an 18' crown road (9' either side of the centerline) with drain ditches along either side of the proposed road where it is determined necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area.

Back slopes along the cut areas of the road will be 1 1/2 to 1 slopes and terraced.

The road will be centerline flagged prior to the commencement of construction. This road will be constructed out of the native materials which will be accumulated during its construction.

It is not anticipated at this time that there will be any turnouts required along this road, however, if at the time of the onsite inspection, it is determined that it is necessary, then it will be constructed according to the specifications for turnout installation in the Oil & Gas Surface Operation Manual.

It is not anticipated that there will be any culverts required along this road as it crosses no drainages of any consequence.

There are no fences encountered along this access road, there will be no gates or cattleguards required.

3. EXISTING WELLS

There are approximately 6 existing producing gas wells within a one mile radius of this location site. See Topographic Map "B" for the location of these wells relative to the proposed location site.

There are no water wells, abandoned wells, temporarily abandoned wells, disposal wells, drilling wells, shut-in wells, injection wells, monitoring or observation wells for other resources located within a one-mile radius of this location site.

4. LOCATION OF EXISTING AND PROPOSED FACILITIES

At the present time there are existing facilities belonging to COASTAL OIL & GAS CORPORATION within a one-mile radius of this location site.

In the event that production is established at this location the production will be contained within the location site until a gas line can be run from this location to existing lines in the area. The exact location of this line is not known at this time. Detailed plans for this line will be submitted to the appropriate agencies before construction begins, showing the approximate final location of the facilities.

All areas used to contain these production facilities will be built out of the native materials accumulated during their construction. These facilities will be constructed using graders, bulldozers, and workman crews to construct and place the proposed facilities.

The proposed gas flow line will be an 18' right-of-way.

If there is any deviation from the above, all appropriate agencies will be notified.

5. LOCATION AND TYPE OF WATER SUPPLY

Water to be used for the drilling and production of this well will be hauled by truck from the White River at a point in the NE 1/4 SW 1/4 Section 4, T9S, R20E, S.L.B.& M. 7.5 miles over the roads described in Items #1 & 2.

In the event the above source cannot be improvised other arrangements will be made and all concerned agencies will be notified. All permits and necessary requirements will be strictly adhered to.

There will be no water well drilled at this location site.

6. SOURCE OF CONSTRUCTION MATERIALS

All construction material for this location site and access road shall be borrow material accumulated during construction of the location site and access road. No additional road gravels or pit lining material from other sources are anticipated at this time, but if they are required, the appropriate actions will be taken to acquire them from private sources.

The native materials that will be used in the construction of this location site and access road will consist of a sandy-clay soil and sandstone and shale materials gathered in actual construction of the road and location.

7. METHODS OF HANDLING WASTE DISPOSAL

See Location Layout Sheet.

A reserve pit shall be constructed.

COASTAL OIL & GAS CORPORATION
N.B.U. #78
Section 30, T9S, R21E, S.L.B.& M.

The reserve pit will be 8' deep and at least half of the depth of the reserve pit shall be below the existing ground surface.

One-half of the reserve pit will be used as a fresh water storage area during the drilling of this well and the other one half will be used to store non-flammable material such as cuttings, salts, drilling fluids, chemicals, produced fluids, etc.

If deemed necessary by the agencies concerned, to prevent contamination to surrounding areas, the reserve pit will be lined with a gel.

The pits will have wire and overhead flagging installed at such time as deemed necessary to protect the water fowl, wildlife, and domestic animals.

At the onset of drilling, the reserve pit will be fenced on three sides and at the time the drilling activities are completed, it will be fenced on the fourth side and allowed to dry completely prior to the time that backfilling and reclamation activities are attempted.

When the reserve pit dries and the reclamation activities commence, the pits will be covered with a minimum of four feet of soil and all requirements of Item #10 will be followed.

A portable trash basket will be placed on the location site and all trash will be hauled to the nearest Sanitary Landfill.

A portable chemical toilet will be supplied for human waste.

8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. WELL SITE LAYOUT

See attached location layout sheet.

The B.I.A. & B.L.M. Representatives shall be notified before any construction begins on the proposed location site and road.

As mentioned in Item #7, the pits will be unlined unless it is determined by the representatives of the agencies involved that the materials are too porous and would cause contamination to the surrounding area; then the pits will be lined with a gel and any other type of material necessary to make it safe and tight.

When drilling activities commence, all work shall proceed in a neat and orderly sequence.

10. PLANS FOR RESTORATION OF SURFACE

As there is some topsoil on the location site, all topsoil shall be stripped and stockpiled. (See location layout sheet and Item #9). When all drilling and production activities have been completed, the location site and access road will be reshaped to the original contour and stockpiled topsoil spread over the disturbed area.

Any drainages re-routed during the construction activities shall be restored to their original line of flow as near as possible. Fences around pits are to be removed upon completion of drilling activities and all waste being contained in the trash basket shall be hauled to the nearest sanitary landfill.

Restoration activities shall begin within 90 days after completion of the well. Once Restoration activities have begun, they shall be completed within 30 days.

When restoration activities have been completed, the location site and access ramp shall be reseeded with a seed mixture recommended by the B.I.A. & B.L.M. Representative when the moisture content of the soil is adequate for germination. The Lessee further covenants and agrees that all of said clean-up and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the above mentioned Items #7 and #10.

11. OTHER INFORMATION

The Topography of the General Area - (See Topographic Map "A")

The area is a large basin formed by the Uinta Mountains to the North and the Book Cliff Mountains to the South. The White River is located approximately 9 miles to the North of the location site.

The majority of the washes and streams in the area are non-perennial in nature with the only ones in the area having a year round flow being the White River and Green River to the North and Willow Creek to the West, of which the numerous washes, draws and non-perennial streams are tributaries to.

The majority of the surrounding drainages are of a non-perennial nature with normal flow limited to the early spring and extremely rare heavy thunderstorms, or rainstorms of high intensity that lasts over an extended period of time and are extremely rare in nature as the normal annual precipitation is only 8".

All drainages in the immediate area are non-perennial streams and flow to the North and are tributaries to the White River.

The soils of this semi-arid area are of the Uinta Formation and Duchesne River Formation (the Fluvial Sandstone and Mudstone) from the Eocene Epoch and Quaternary Epoch (gravels surfaces) and the visible geologic structure consists of light brownish-gray clays (OL) to sandy soils (SM-ML) with poor gravels and shales with outcrops of rock (sandstone, mudstone, conglomerates and shales).

COASTAL OIL & GAS CORPORATION
N.B.U. #78
Section 30, T9S, R21E, S.L.B. & M.

Due to the low precipitation average, climatic conditions and the marginal types of soils, the vegetation that is found in the area are common of the semi-arid region we are located in and in the lower elevations of the Uintah Basin. It consists of, as primary flow areas of sagebrush, rabbitbrush, some grasses, and cacti and large areas of bare soils devoid of any growth in the areas away from and in the vicinity of non-perennial streams and along the areas that are formed along the edges of perennial streams, cottonwood, willows, tamarack sagebrush, rabbitbrush, grasses and cacti can be found.

The fauna of the area is sparse and consists predominantly of the mule deer, coyotes, pronghorn antelope, rabbits, and varieties of small ground squirrels and other types of rodents, and various reptiles common to this area.

The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

The area is used by man for the primary purpose of grazing domestic livestock.

The Topography of the Immediate Area - (See Topographic Map "B").

N.B.U. #78 is located on a relatively flat area approximately 1 1/2 miles West of the Cottonwood Wash a non-perennial drainage which drains to the North into the White River.

The geologic structure of the location is of the Uinta Formation and consists of light brownish-gray clay (SP-PL) with some sandstone outcrops.

The ground slopes through this location site from the South through the site to the North at approximately a 0.2% grade.

The location is covered with some sagebrush and grasses.

The total surface ownership affected by this location is administered by the B.L.M. The first 1500' of proposed road is on B.I.A. Lands and will be administered by them.

There are no occupied dwellings or other facilities of this nature in the general area.

There are no visible archaeological, historical, or cultural sites within any reasonable proximity of the proposed location site. (See Topographic Map "B").

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

COASTAL OIL & GAS CORPORATION
P.O. Box 749
Denver, CO. 80201

1-303-572-1121

COASTAL OIL & GAS CORPORATION
N.B.U. #78
Section 30, T9S, R21E, S.L.B. & M.

13. CERTIFICATION

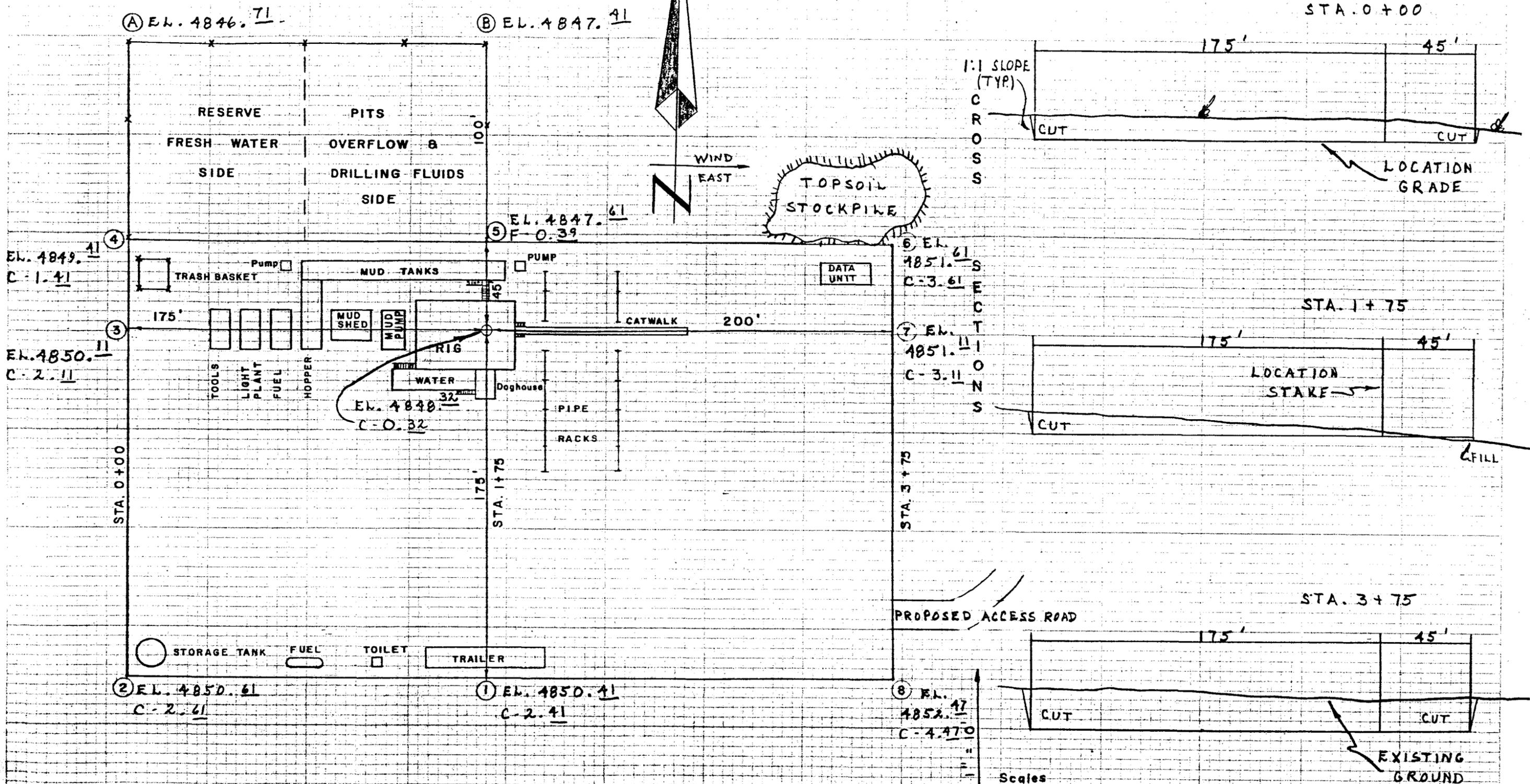
I hereby certify that I, or persons under my direct supervision have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are to the best of my knowledge true and correct; and that the work associated with the operation proposed herein will be performed by COASTAL OIL & GAS CORPORATION and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

Date

Senior Engineer

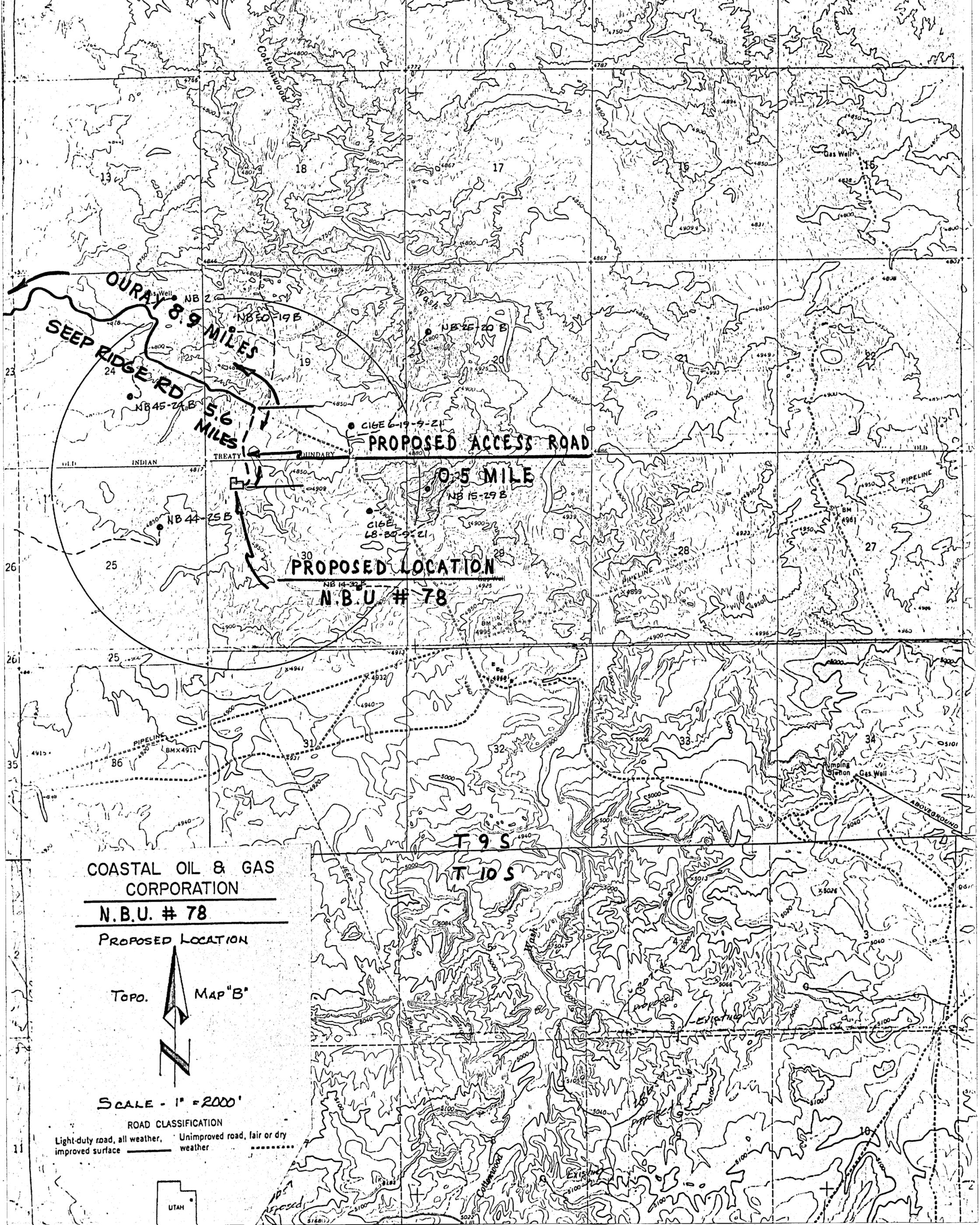
SCALE 1" = 50'

COASTAL OIL & GAS CORP.
N.B.U. # 78



SOILS LITHOLOGY
NO SCALE
Light Brown
Sandy Clay

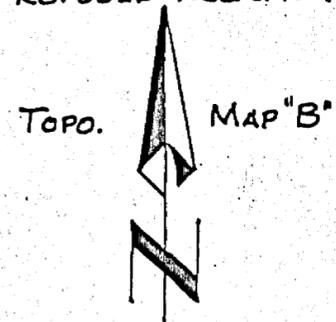
Scales
1" = 50'
APPROXIMATE YARDAGES
Cubic Yards Cut - 2,389
Cubic Yards Fill - 34



COASTAL OIL & GAS CORPORATION

N.B.U. # 78

PROPOSED LOCATION

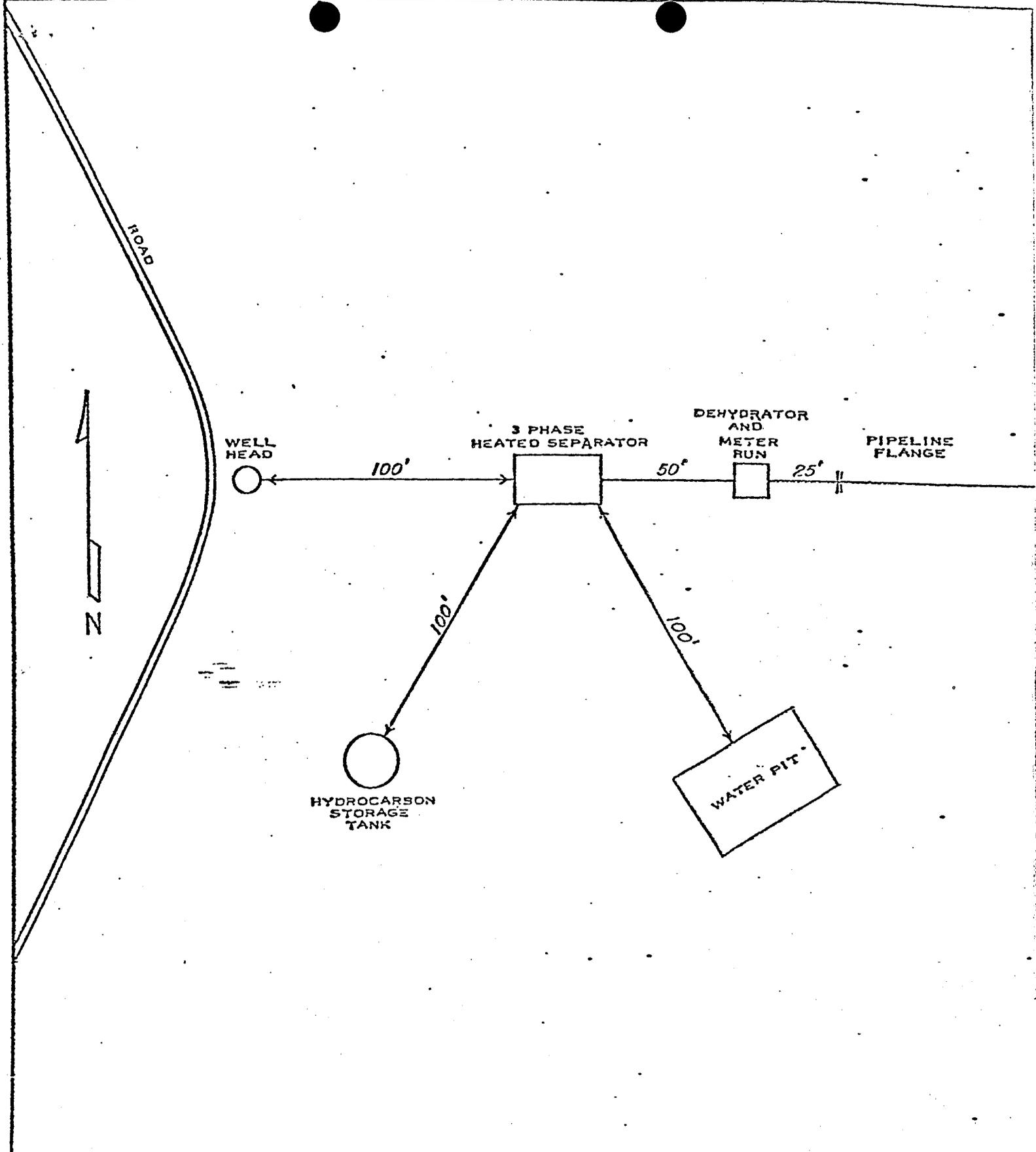


SCALE - 1" = 2000'

ROAD CLASSIFICATION

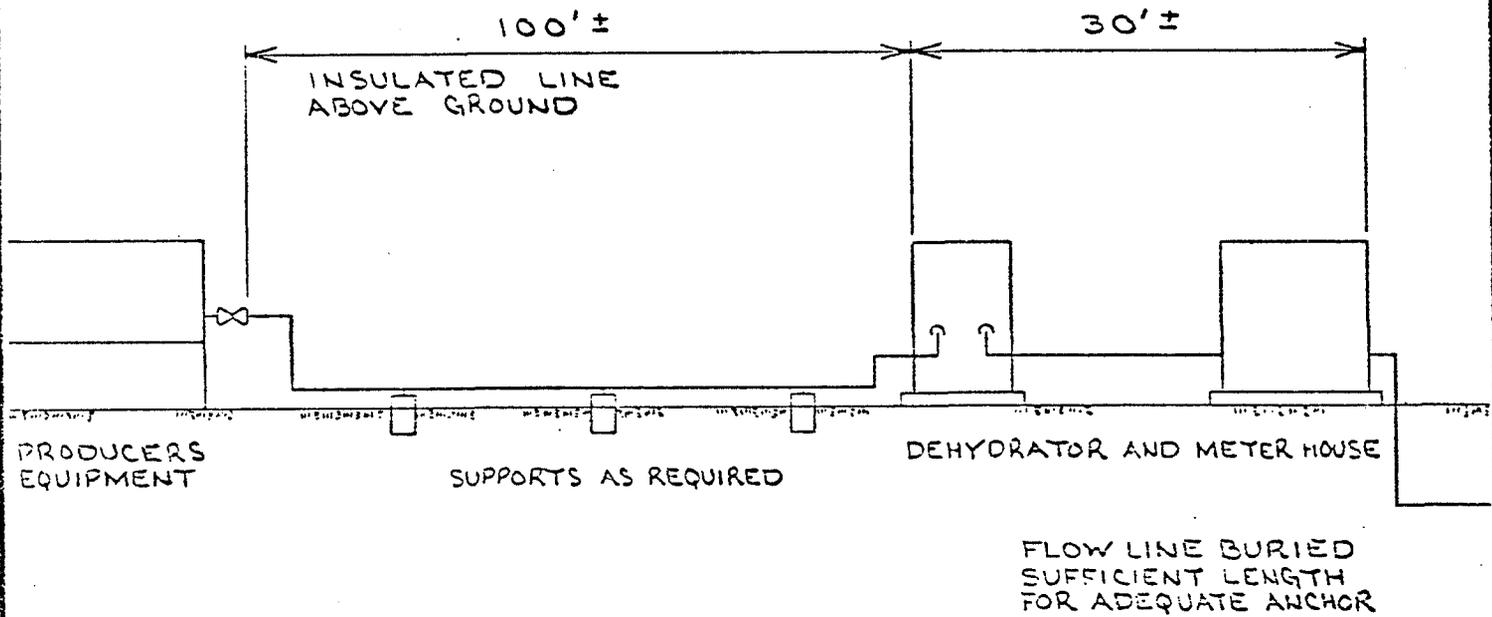
Light-duty road, all weather, improved surface ——— Unimproved road, fair or dry weather - - - - -





COLORADO INTERSTATE GAS EXPLORATION
DENVER, COLORADO

Natural Buttes Unit No. 78
Section 30-T9S-R21E
Uintah County, Utah



NO.	DESCRIPTION	DATE	BY	CHKD.	APPD.

Colorado Interstate Gas Co.
 COLORADO SPRINGS, COLORADO

TYPICAL WELL HEAD INSTALLATION
 NATURAL BUTTES FIELD

UINTAH COUNTY,

UTAH

SCALE: NONE DRAWN: RWP APP

DATE: 7-18-77 CHECKED

NO. 23858

115FP-2 1/8

Statement for permit to lay flow line, to be included with application for Drilling Permit:

Upon approval of all concerned regulatory agencies, CIG proposes to install a surface flow line from NBU 77 in a northeasterly direction through the SW/4 of Section 29 connecting to Line F34-4" in the SW/4 of Section 29, all in 9S-21E. The line will be approximately 800' long, as shown on the attached sketches.

Pipe will be 4-1/2" O.D. x 237" W.T., Grade X42 EW. It will be but-welded in place, using portable electric welding machines, and will be laid aboveground except where burial is necessary for road crossing, ditches, or other obstructions. Magnesium anodes will be installed at the dehydrator, meter setting, road crossings, underground piping at stream crossings, and at producer's separator for corrosion protection.

CIG will connect to producer's separator and install dehydration and metering facilities within 100' of the connection.

Some damage will be incurred by trucks transporting pipe and welding equipment over the pipeline route, but surface disturbance will be held to a minimum.

ESTIMATE SKETCH

DATE: 3-1-82
 STARTING DATE: _____
 EST. COMP. DATE: _____
 COMPANY CONTRACT

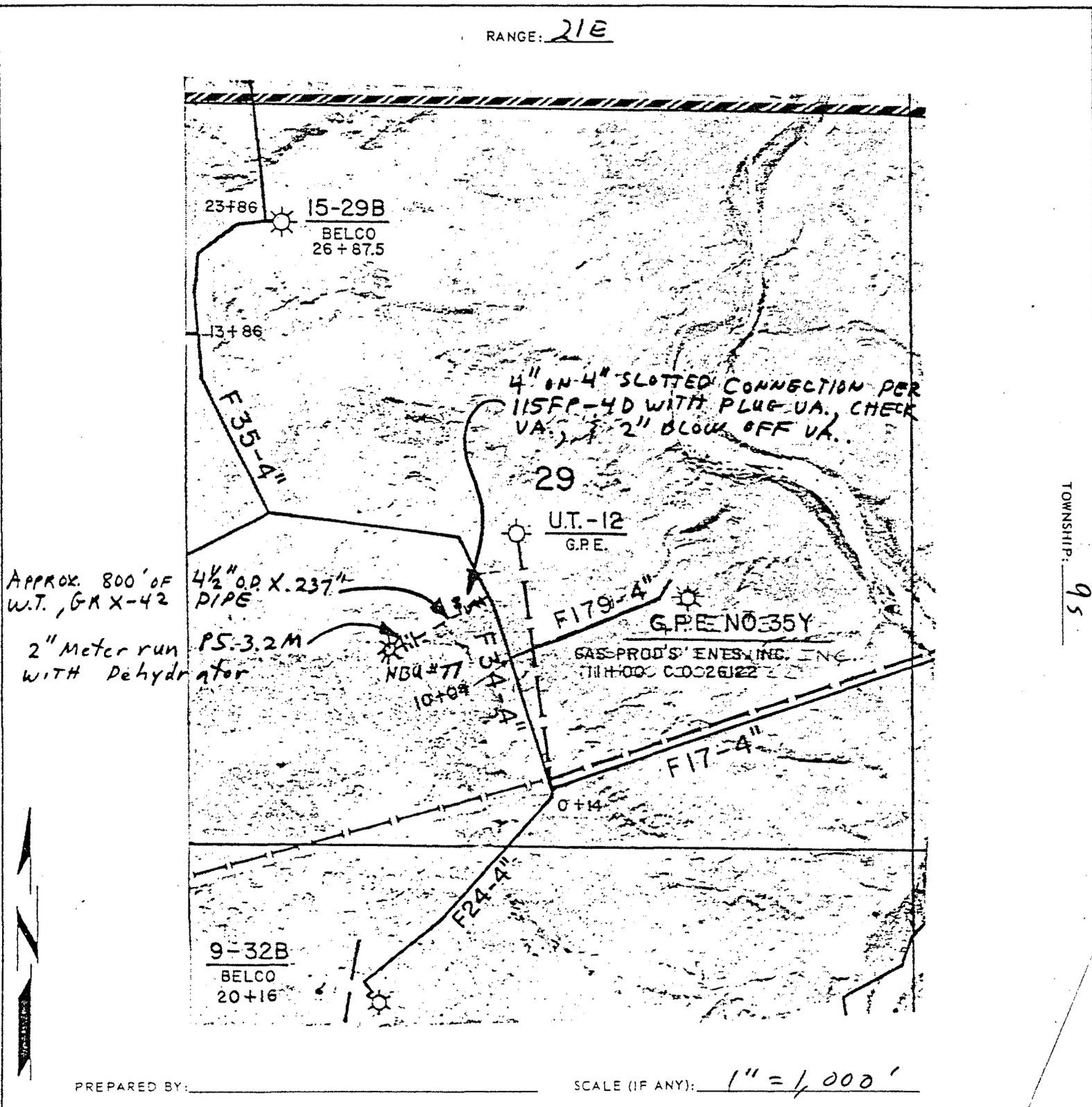
COLORADO INTERSTATE GAS COMPANY
 NORTHWEST PIPELINE CORPORATION

W. O. NO.: _____
 REVISION NO.: _____
 BUDGET NO.: _____
 RELATED DWG.: 115FU-1B

LOCATION: C SW, SEC 29-95-21E COUNTY: UINTAH STATE: UTAH
 DESCRIPTION OF WORK: Connect NBU #77 Natural Buttes
Coastal Oil & Gas

REQUESTED BY: _____ APPROXIMATE MILEAGE: _____ PROJECT ENGINEER: JFK

RANGE: 21E



PREPARED BY: _____ SCALE (IF ANY): 1" = 1,000'

Freehand sketch of location of proposed installation to be constructed or retired showing relative location of existing fac

**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
 Coastal Oil & Gas Corporation

3. ADDRESS OF OPERATOR
 P. O. Box 749, Denver, CO 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface
 660' FNL/861' FWL (NW NW)
 At proposed prod. zone
 Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 Approximately 15 miles SE of Ouray, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 861'

16. NO. OF ACRES IN LEASE 2399.63
 18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2149'

19. PROPOSED DEPTH 7100' (Wasatch)
 20. ROTARY OR CABLE TOOLS Rotary
 21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4848' Ungr. Gr.

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#	200'	125 sx
8-3/4", 7-7/8"	4-1/2"	11.6#	7100'	Circulate cmt to surface to properly isolate the hydrocarbon bearing zones, the oil shale & shallow ground water.

Fresh water aquifers will be protected when the long string is run and cement is circulated back to surface.

Please see the attached supplemental information:

- (1) Survey Plat
- (2) Ten-Point Program
- (3) BOP Schematic
- (4) Thirteen-Point Surface Use Program
- (5) Proposed Gas Well Production Hookup
 - a. Typical Wellhead Installation
 - b. Typical Connection to Main Lines & Pipe Anchor Detail
 - c. Proposed Flowline Right-of-Way

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

DATE: 3/17/82
 BY: [Signature]

RECEIVED
 MAR 15 1982
 DIVISION OF OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED [Signature] TITLE District Drilling Manager DATE March 11, 1982
 H. E. Aab

(This space for Federal or State office use)

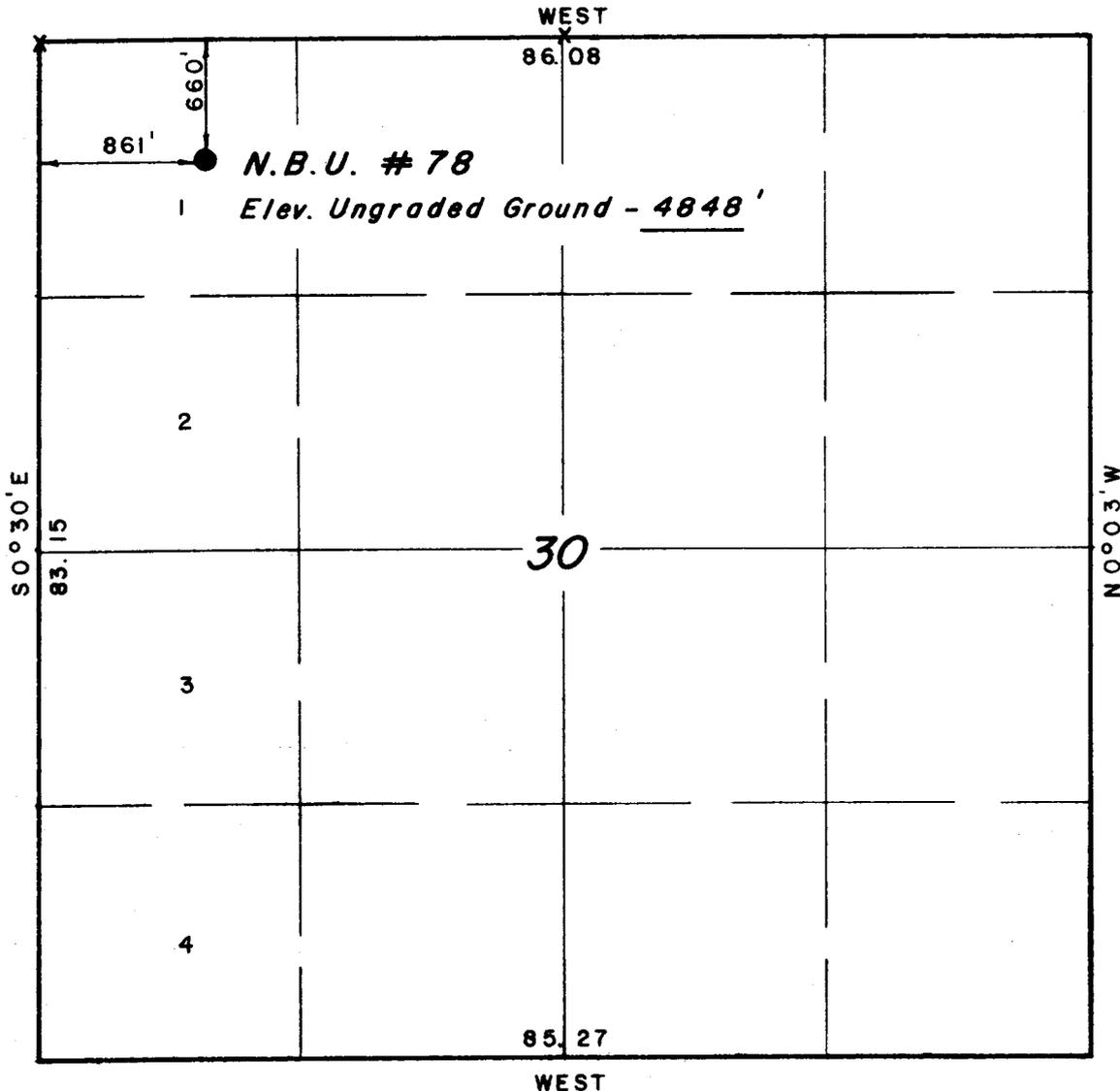
PERMIT NO. _____ APPROVAL DATE _____

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

T 9 S , R 21 E , S. L. B. & M.

PROJECT
COASTAL OIL & GAS CORP.

Well location , N. B. U. # 78 , located
as shown in the NW 1/4 NW 1/4
Section 30 , T 9 S , R 21 E , S. L. B.
& M. Uintah County , Utah.



X = Section Corners Located



CERTIFICATE

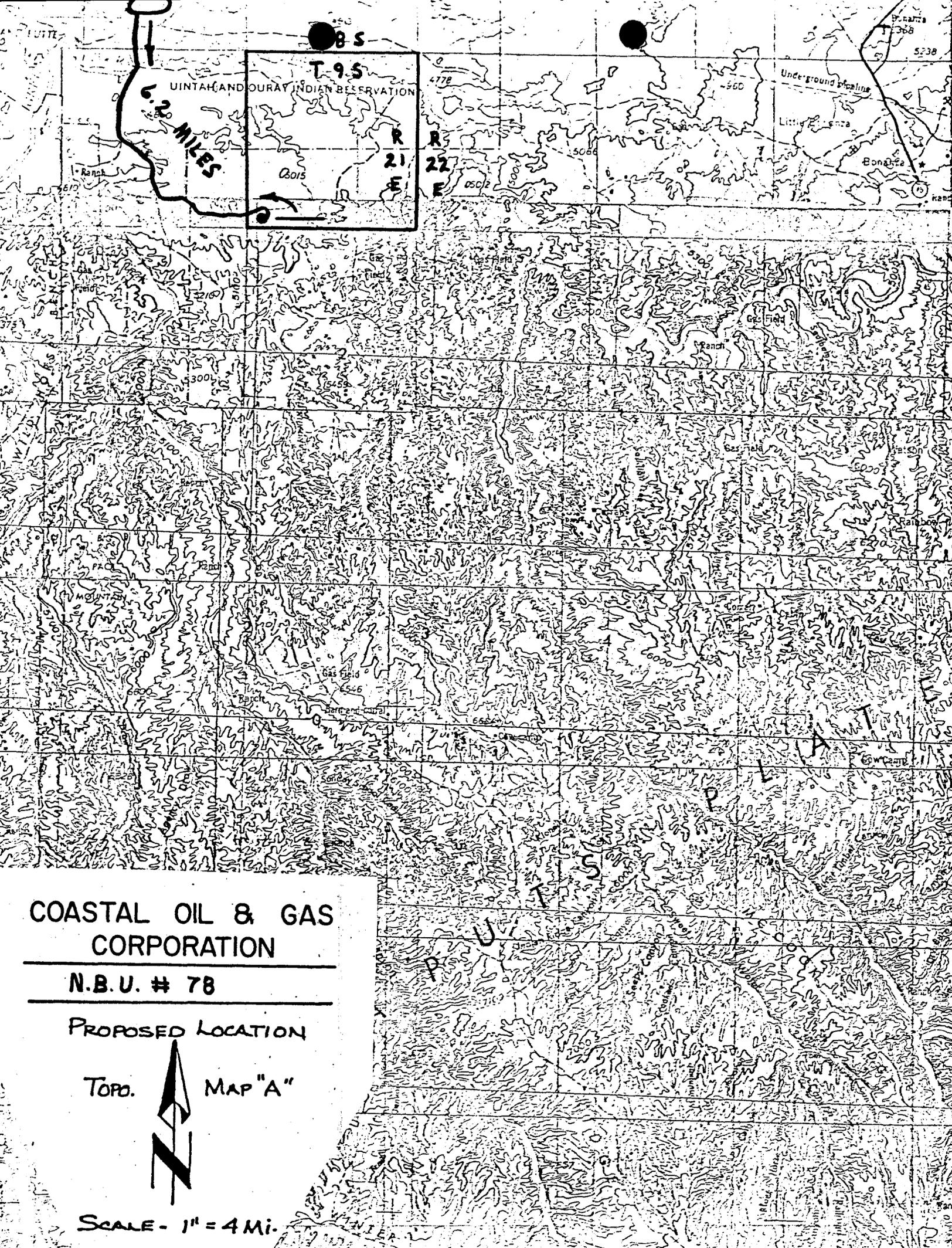
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF

Lawrence C. Kan

REGISTERED LAND SURVEYOR
REGISTRATION NO 3137
STATE OF UTAH

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

SCALE	1" = 1000'	DATE	2 / 15 / 82
PARTY	D. A. J. K. L. Z.	REFERENCES	GLO Plat
WEATHER	Cold	FILE	COASTAL

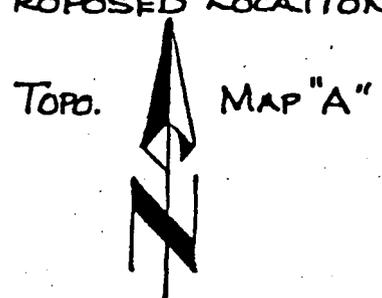


8 S
T. 9. S
UINTAH AND OURAY INDIAN RESERVATION
6.2 MILES
R. 21. E
R. 22. E
E

COASTAL OIL & GAS CORPORATION

N.B.U. # 78

PROPOSED LOCATION



SCALE - 1" = 4 Mi.

** FILE NOTATIONS **

DATE: 3-16-82

OPERATOR: Coastal Oil & Gas Corp.

WELL NO: Natural Buttes Unit #78

Location: Sec. 30 T. 9S R. 21E County: Wintch

File Prepared:

Entered on N.I.D:

Card Indexed:

Completion Sheet:

API Number 43-047-31188

CHECKED BY:

Petroleum Engineer: _____

Director: _____

Administrative Aide: Unit well

APPROVAL LETTER:

Bond Required:

Survey Plat Required:

Order No. _____

O.K. Rule C-3

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

Lease Designation

Plotted on Map

Approval Letter Written

Hot Line

P.I.

March 19, 1982

Coastal Oil & Gas Corporation
P. O. Box 749
Denver, Colorado

RE: Well No. Natural Buttes #78
Sec. 20, T. 9 S, R. 21 E
Uintah County, Utah

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with Section 40-6-11, Utah Code Annotated 1953; and predicated on Rule A-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

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

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-047-31188.

Sincerely,

DIVISION OF OIL, GAS AND MINING



Ronald W. Daniels
Deputy Director

RWD/as
Encl.
cc: Minerals Mgt. Service

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
Coastal Oil & Gas Corporation

3. ADDRESS OF OPERATOR
P. O. Box 749, Denver, CO 80201

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 660' FNL/861' FWL (NW NW)
AT TOP PROD. INTERVAL: Same
AT TOTAL DEPTH: Same

5. LEASE
U-0581

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
N/A

7. UNIT AGREEMENT NAME
Natural Buttes Unit

8. FARM OR LEASE NAME
Natural Buttes Unit

9. WELL NO.
Natural Buttes Unit #78

10. FIELD OR WILDCAT NAME
Natural Buttes Field

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 30-T9S-R21E

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

14. API NO.
43-047-31188

15. ELEVATIONS (SHOW DF, KDB, AND WD)
4848' Ungr. Gr.

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>Change Casing Program</u> <input checked="" type="checkbox"/>	<input type="checkbox"/>

(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.) * It is proposed to change casing program FROM:

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#	200'	125 sx
7-7/8"	5 1/2"	17#	7100'	Circulate cmt to surface to properly isolate the hydrocarbon bearing zones, the oil shale & shallow ground water.

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 7/8/82 TO:
BY: [Signature]

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#	200'	125 sx
7-7/8"	5 1/2"	17#	7100'	Circulate cmt to surface to properly isolate the hydrocarbon bearing zones, the oil shale & shallow ground water.

Subsurface Safety Valve: Manu. and Type _____

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

SIGNED [Signature] TITLE Dist. Drlg. Mgr. DATE June 29, 1982
H. E. Aab

(This space for Federal or State office use)

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



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

November 10, 1982

Coastal Oil & Gas Corporation
P. O. Box 749
Denver, Colorado 80201

Re: See attached page

Gentlemen:

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

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

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

Cari Furse

Cari Furse
Clerk Typist

CF/cf

Well No. Natural Duck #4-15 GR
Sec. 15, T. 9S, R. 20E.
Uintah County, Utah

Well No. Natural Buttes Unit #77
Sec. 29, T. 9S, R. 21E.
Uintah County, Utah

Well No. Natural Buttes Unit #78
Sec. 30, T. 9S, R. 21E.
Uintah County, Utah

Well No. Natural Buttes #51
Sec. 30, T. 10S, R. 21E.
Uintah County, Utah

Well No. Natural Buttes #41
Sec. 31, T. 10S, R. 21E.
Uintah County, Utah



Coastal Oil & Gas Corporation

1050 Seventeenth Street - Suite 2100
Post Office Box 749
Denver, Colorado 80201-0749
Phone (303) 572-1121

November 15, 1982

State of Utah
4241 State Office Building
Salt Lake City, Utah 84114

ATTN: Cari Furse
Clerk Typist

Dear Ms. Furse:

In response to your two letters dated November 10, 1982 inquiring upon the status of eight of our permitted wells in the Uintah County area, attached please find an explanation of the action we plan to take on these wells.

Also for your records, any further correspondence of this nature should be directed to my attention at the above address.

If you have further questions, please do not hesitate to contact me.

Sincerely,

L. W. Thying
District Drilling Engineer

LWT/snc
Attachment

cc: Betty Nelson
File

RECEIVED
NOV 17 1982

DIVISION OF
OIL, GAS & MINING



Cari Furse
November 15, 1982

WELL NAME & LOCATION

STATUS

CIGE #96D-20-10-21J
Section 20, T10S, R21E
Uintah County, Utah

Present intention is to allow
permit to expire to original
expiration date. (January, 1983)

CIGE #97D-8-10-22J
Section 8, T10S, R22E
Uintah County, Utah

Same as above.

CIGE #98D-8-10-22J
Section 8, T10S, R22E
Uintah County, Utah

Same as above.

Well No. Natural Duck #4-15 GR
Section 15, T9S, R20E
Uintah County, Utah

COGC will not drill.
Please cancel permit.

Natural Buttes #41
Section 31, T10S, R21E
Uintah County, Utah

Same as above.

Natural Buttes #51
Section 30, T10S, R21E
Uintah County, Utah

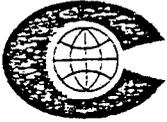
Same as above.

Natural Buttes #77
Section 29, T9S, R21E
Uintah County, Utah

COGC plans to drill
sometime in 1983.

Natural Buttes #78
Section 30, T9S, R21E
Uintah County, Utah

Presently waiting on
Right-of-Way approval
from BIA.



Coastal Oil & Gas Corporation

1050 Seventeenth Street - Suite 2100
Post Office Box 749
Denver, Colorado 80201-0749
Phone (303) 572-1121

March 29, 1983

Minerals Management Service
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84014

RE: See Attached Page

Gentlemen:

In reference to the above mentioned wells, notice is hereby given to ~~cancel these permits.~~ Also, please use this letter as our assurance that there have been no surface disturbance on any of these locations.

Please contact me with any questions or concerns.

Sincerely,

L. W. Thying
District Drilling Engineer

cc: Bureau of Indian Affairs
Uintah and Ouray Agency
Fort Duchesne, Utah 84026

State of Utah



Minerals Management Service

Page 2

March 29, 1983

Natural Buttes Unit #67 *Done*
NE SE Section 29, T9S, R20E
Ute Tribal Surface
Federal Lease

Natural Buttes Unit #55
SE NW Section 21, T9S, R21E
Ute Tribal Surface
Federal Lease

Natural Buttes Unit #78
NW NW Section 30, T9S, R21E
Ute Tribal Surface
Federal Lease

CIGE 100D-13-9-21J *Done*
NW SW Section 13, T9S, R21E
Ute Tribal Surface
Federal Lease

CIGE 101D-20-9-21J *Done*
NW SW Section 20, T9S, R21E
Ute Tribal Surface
Federal Lease

COGC #4-15-9-20 GR *Done*
SW NE Section 15, T9S, R20E
Ute Tribal Surface
Federal Lease

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

May 25, 1983

Coastal Oil & Gas Corporation
P. O. Box 749
Denver, Colorado 80201

Re: Rescind Applications for Permit
to Drill

Well No. 4-15-9-20 GR - *L.A.*
Section 15, T. 9 S., R. 20 E.
Lease U-0144868

Well No. 67 - *L.A.*
Section 29, T. 9 S., R. 20 E.
Lease U-0141645

Well No. 100D-13-9-21J - *L.A.*
Section 13, T. 9 S., R. 21 E.
Lease U-01193

Well 101D-20-9-21J - *L.A.*
Section 20, T. 9 S., R. 21 E.
Lease U-0575

Well No. 78 - *L.A.*
Section 30, T. 9 S., R. 21 E.
Lease U-0581

All in Uintah County, Utah
Natural Buttes Unit

Gentlemen:

The Applications for Permit to Drill the referenced wells were approved April 23, 1982, October 1, 1982, July 27, 1982, July 29, 1982, and October 29, 1982 respectively. This office is rescinding the approvals for the referenced per your letter request dated March 29, 1983.

Sincerely,

(ORIG. SGD.) W. P. MARTENS
Drilling Unit Supervisor

EW
E. W. Gynn
Chief, Branch of Fluid Minerals

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

WPM/kr