

UTAH OIL AND GAS CONSERVATION COMMISSION

FLYERS	WATER	FEELINGS	EX	WATER	FEELINGS	WATER	FEELINGS
DATE FILED	FEBRUARY 25, 1994			STATE LEASE NO.	PUBLIC LEASE NO.	U-010950-A	
LAND FILED PATENTED	JUNE 13, 1994			INDIAN			
DRILLING APPROVED	SPUDDED IN			COMPLETED	PUT TO PRODUCTION		
INITIAL PRODUCTION	GRAVITY API			GOR	PRODUCING ZONES		
TOTAL DEPTH	WELL ELEVATION			DATE ABANDONED LOCATION ABANDONED EFFECTIVE 8-21-95			
FIELD	NATURAL BUTTES FIELD			UNIT NATURAL BUTTES UNIT			
COUNTY	UINTAH			WELL NO COG 12-22-9-21 GR			
LOCATION	2232' FSL	FT FROM (N) (S) LINE	2145' FEL	FT FROM (E) (W) LINE	NW SE	1/4 - 1/4 SEC 22	

TWP	RGE	SEC	OPERATOR	TWP	RGE	SEC	OPERATOR
				9S	21E	22	COASTAL OIL & GAS



FEB 25 1994

February 21, 1994

Utah Division of Oil, Gas & Mining
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

Attn: Tammi Searing

Re: Coastal Oil & Gas Corp.
COG #12-22-9-21 GR
NW SE Sec. 22, T9S - R21E
Uintah County, Utah

Dear Tammi,

Enclosed please find three copies of the Application for Permit to Drill on the above mentioned well, along with the required drilling program and the surface use plan which was filed with the Bureau of Land Management in Vernal, Utah.

Please note that the proposed water source is the Uintah #1 water well, Permit No. 49-111.

Please forward the approved copies to Mr. Joe Adamski, Coastal Oil & Gas Corporation at the address shown on the A.P.D. Thanks for your assistance in this matter.

Sincerely,

PERMITCO INC.

A handwritten signature in cursive script, appearing to read "Lisa L. Smith".

Lisa L. Smith
Consultant for:
COASTAL OIL & GAS CORPORATION

Enc.

cc: Coastal Oil & Gas

Permitco Incorporated
A Petroleum Permitting Company

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

5. LEASE DESIGNATION AND SERIAL NO.
U-010950-A

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Ute Tribe

1a. TYPE OF WORK **DRILL** **DEEPEEN** **PLUG BACK**

7. UNIT AGREEMENT NAME
Natural Buttes

1b. TYPE OF WELL
OIL WELL GAS WELL SINGLE ZONE MULTIPLE ZONE

8. FARM OR LEASE NAME
COG

2. NAME OF OPERATOR **303/573-4476 800-17th Street, Suite 800 S**
Coastal Oil & Gas Corporation Denver, CO 80201-0749

9. WELL NO.
#12-22-9-21 GR

3. ADDRESS OF OPERATOR **303/452-8888 13585 Jackson Drive**
PERMITCO INC. - Agent Denver, CO 80241

10. FIELD AND POOL OR WILDCAT
Natural Buttes

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At Surface **2232' FSL and 2145' FEL**
At proposed Prod. Zone **NW SE Sec. 22**

11. SEC. T., R., M., OR BLK.
AND SURVEY OR AREA
Sec. 22, T9S - R21E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
16 miles southeast of Ouray, UT

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT (Also to nearest d.t.g. unit line, if any)
413'

16. NO. OF ACRES IN LEASE
800.00

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
6500' (Green River) 167' (Wasatch)

19. PROPOSED DEPTH
4900'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
4882' GR

22. APPROX. DATE WORK WILL START*
Upon approval of this application

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	250'	155 cf or suffic. to circ to surf.
7-7/8"	5-1/2"	17#	4900'	1281 cf to suffice to circ to surf.

Coastal Oil & Gas Corporation proposes to drill a well to 4900' to test the Green River formation. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per BLM and State of Utah requirements.

See Onshore Order No. 1 attached.

Please be advised that Coastal Oil & Gas Corporation is considered to be the Operator of the above mentioned well. Coastal Oil & Gas Corporation agrees to be responsible under the terms and conditons of the lease for the operations conducted upon the lease lands.

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Coastal Oil & Gas Corporation under their Nationwide Bond #CO-0018.

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]* CONSULTANT FOR: **Coastal Oil & Gas Corp.** DATE **02/21/94**

PERMIT NO. **13-047-30474** APPROVAL DATE **02/21/94**

APPROVED BY *[Signature]* TITLE **OF UTAH DIVISION OF OIL, GAS, AND MINING** DATE **2/13/94**
CONDITIONS OF APPROVAL, IF ANY: BY *[Signature]* WELL SPACING **Clause 197-1**

*See Instructions On Reverse Side

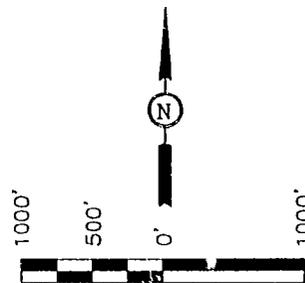
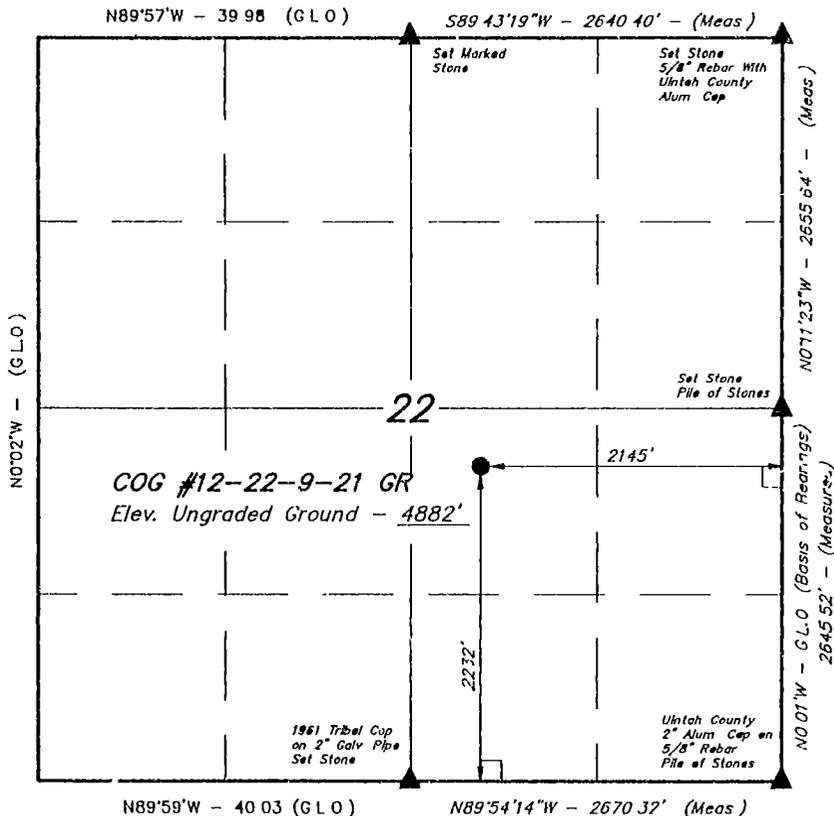
T9S, R21E, S.L.B.&M.

COASTAL OIL & GAS CORP.

Well location, COG #12-22-9-21 GR,
located as shown in the NW 1/4 SE
1/4 of Section 22, T9S, R21E,
S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

BENCH MARK 4934 LOCATED NEAR THE SOUTH LINE
OF SECTION 23, T9S, R21E, S.L.B.&M TAKEN
FROM THE OURAY SE QUADRANGLE, UTAH, UINTAH
COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL
MAP) PUBLISHED BY THE UNITED STATES
DEPARTMENT OF THE INTERIOR, GEOLOGICAL
SURVEY SAID ELEVATION IS MARKED AS BEING
4934 FEET



SCALE

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.

Robert J. Kay
REGISTERED LAND SURVEYOR
REGISTRATION NO 5709
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING		
85 SOUTH 200 EAST - VERNAL, UTAH 84078 (801) 789-1017		
SCALE 1" = 1000'	DATE SURVEYED 1-10-94	DATE DRAWN 1-10-94
PARTY GS DR REH	REFERENCES GLO PLAT	
WEATHER COLD	FILE COASTAL OIL & GAS CORP	

LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD
- ▲ = SECTION CORNERS LOCATED

TABLE OF CONTENTS
COG #12-22-9-21 GR

	<u>Page No.</u>
DRILLING PROGRAM	
1. Formation Tops	1
2. Anticipated Depth of Oil, Gas & Water	1
3. Blow Out Preventor Requirements	1-3
4. Casing and Cement Program	3-6
5. Mud Program	6-7
6. Testing, Logging and Coring	7-8
7. Abnormal Pressures & H ₂ S Gas	9
8. Other Information & Notification Requirements	9-11
SURFACE USE PLAN	
1. Existing Roads	2
2. Access Roads to be Constructed or Reconstructed	2-4
3. Location of Wells Within 1-Mile	4
4. Proposed Production Facilities	4-6
5. Water Supply	6
6. Construction Materials	6
7. Waste Disposal	6-7
8. Ancillary Facilities	7
9. Wellsite Layout	7-9
10. Reclamation	9-10
11. Surface/Mineral Ownership	10
12. Other Information	10-12
13. Certification	12



ONSHORE OIL & GAS ORDER NO. 1
Approval of Operations on Onshore
Federal and Indian Oil and Gas Leases

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Order No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. Estimated Tops of Important Geologic Markers:

<u>Formation</u>	<u>Depth</u>	<u>Subsea</u>
Uinta	Surface	
Green River	1500'	+3392'
T.D.	4900'	

2. Estimated Depths of Anticipated Water, Oil, Gas or Minerals Formations:

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
Gas	Green River	1500'
Water	N/A	
Other Mineral Zones	N/A	

All fresh water prospectively valuable minerals encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

3. Pressure Control Equipment: (Schematic Attached)

Coastal's minimum specifications for pressure control equipment are as follows:

Ram Type: Hydraulic double with hydril, 2000 psi w.p.

Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 70 percent of internal yield pressure of casing. Pressure shall be maintained for at least 10 minutes or until requirements of test are met, whichever is longer. If a test plug is utilized, no bleed-off pressure is acceptable. For a test not utilizing a test plug, if a decline in pressure of more than 10 percent in 30 minutes occurs, the test shall be considered to have failed. Valve on casing head below test plug shall be open during test of BOP stack.

Annular type preventers (if used) shall be tested to 50 percent of rated working pressure. Pressure shall be maintained at least 10 minutes or until provisions of test are met, whichever is longer.

As a minimum, the above test shall be performed:

- a. when initially installed;
- b. whenever any seal subject to test pressure is broken
- c. following related repairs; and
- d. at 30-day intervals

Valves shall be tested from working pressure side during BOPE tests with all down stream valves open.

When testing the kill line valve(s) the check valve shall be held open or the ball removed.

Annular preventers shall be functionally operated at least weekly.

Pipe and blind rams shall be activated each trip, however, this function need not be performed more than once a day.

A BOPE pit level drill shall be conducted weekly for each drilling crew.

Pressure tests shall apply to all related well control equipment.

All of the above described tests and/or drills shall be recorded in the drilling log.



DRILLING PROGRAM

Page 3

BOP systems shall be consistent with API RP53. Pressure tests will be conducted before drilling out from under casing strings which have been set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection will be recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

The District Office should be notified, with sufficient lead time, in order to have the BLM representative on location during pressure testing.

- a. The size and rating of the BOP stack is shown on the attached diagram. Although a rig has not been chosen to drill this well, most of the equipment for this depth of hole in the area use a 2000 psi working pressure blowout preventor.
 - b. A choke line and a kill line are to be properly installed. The kill line is not to be used as a fill-up line.
 - c. The accumulator system shall have a pressure capacity to provide for repeated operation of hydraulic preventers.
 - d. Drill string safety valve(s), to fit all tools in the drill string, are to be maintained on the rig floor while drilling operations are in progress.
4. Proposed Casing and Cementing Program:
- a. The proposed casing and cementing program shall be conducted as approved to protect and/or isolate all usable water zones, potentially productive zones, lost circulation zones, abnormally pressured zones, and any prospectively valuable deposits of minerals. Any isolating medium other than cement shall receive approval prior to use. The casing setting depth shall be calculated to position the casing seat opposite a competent formation which will contain the maximum pressure to which it will be exposed during normal drilling operations. Determination of casing setting depth shall be based on all

relevant factors, including; presence/absence of hydrocarbons; fracture gradients; usable water zones; formation pressures; lost circulation zones; other minerals; or other unusual characteristics. All indications of usable water shall be reported.

- b. Casing design shall assume formation pressure gradients of 0.44 to 0.50 psi per foot for exploratory wells (lacking better data).
- c. Casing design shall assume fracture gradients from 0.70 to 1.00 psi per foot for exploratory wells (lacking better data)
- d. Casing collars shall have a minimum clearance of 0.422 inches of all sides in the hole/casing annulus, with recognition that variances can be granted for justified exceptions.
- e. All waiting on cement times shall be adequate to achieve a minimum of 500 psi compressive strength at the casing shoe prior to drilling out.
- f. All casing except the conductor casing, shall be new or reconditioned and tested used casing that meets or exceeds API standards for new casing.
- g. The surface casing shall be cemented back to surface either during the primary cement job or by remedial cementing.
- h. All indications of usable water shall be reported to the authorized officer prior to running the next string of casing or before plugging orders are requested, whichever occurs first.
- i. Surface casing shall have centralizers on every fourth joint of casing starting with the shoe joint and up to the bottom of the cellar.
- j. Top plugs shall be used to reduce contamination of cement by displacement fluid. A bottom plug or other acceptable technique, such as a suitable preflush fluid, inner string cement method, etc. shall be utilized to help isolate the cement from contamination by the mud fluid being displaced ahead of the cement slurry.



DRILLING PROGRAM

- k. All casing strings below the conductor shall be pressure tested to 0.22 psi per foot of casing string length or 1500 psi, whichever is greater, but not to exceed 70 percent of the minimum internal yield. If pressure declines more than 10 percent in 30 minutes, corrective action shall be taken.
- l. On all exploratory wells, and on that portion of any well approved for a 5M BOPE system or greater, a pressure integrity test of each casing shoe shall be performed. Formation at the shoe shall be tested to a minimum of the mud weight equivalent anticipated to control the formation pressure to the next casing depth or at total depth of the well. This test shall be performed before drilling more than 20 feet of new hole.

m. The proposed casing program will be as follows:

<u>Purpose</u>	<u>Depth</u>	<u>Hole Size</u>	<u>O.D.</u>	<u>Weight</u>	<u>Grade</u>	<u>Type</u>	<u>New or Used</u>
Surface	0-250'	12-1/4"	8-5/8"	24#	K-55	ST&C	New
Produc.	0-4900'	7-7/8"	5-1/2"	17#	K-55	LT&C	New

- n. Casing design subject to revision based on geologic conditions encountered.
- o. The cement program will be as follows:

<u>Surface</u> 0-250'	<u>Type and Amount</u> ± 155 cubic feet Class "G". (Cement volume = Annular Volume x 1.5).
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<u>Production</u> 0-4400' 4400-4900'	<u>Type and Amount</u> <u>Lead:</u> 1281 cubic feet of Premium High-Fill w/additives <u>Tail:</u> 130 cubic feet Premium 50/50 Pozmix w/additives.
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- p. Anticipated cement tops will be reported as to depth; not the expected number of sacks of cement to be used. The District Office should be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.

DRILLING PROGRAM

Page 6

- q. After cementing but before commencing any test, the casing string shall stand cemented until the cement has reached a compressive strength of at least 500 psi at the shoe. WOC time shall be recorded in the driller's log.
- r. The following reports shall be filed with the District Manager within 30 days after the work is completed.
 - 1. Progress reports, Form 3160-5 (formerly 9-331) "Sundry Notices and Reports on Wells", must include complete information concerning:
 - a. Setting of each string of casing, showing the size, grade, weight of casing set, hole size, setting depth, amounts and type of cement used, whether cement circulated or the top of the cement behind the casing, depth of cementing tools used, casing test method and results, and the date work was done. Show the spud date on the first reports submitted.
 - b. Temperature or bond logs must be submitted for each well where the casing cement was not circulated to the surface.
- s. Auxiliary equipment to be used is as follows:
 - 1. Kelly cock
 - 2. No bit float is deemed necessary.
 - 3. A sub with a full opening valve.

5. Mud Program:

- a. The proposed circulating mediums to be employed in drilling are as follows:

<u>Interval</u>	<u>Mud Type</u>	<u>Mud Wt.</u>	<u>Visc.</u>	<u>F/L</u>	<u>PH</u>
0-4900'	Aerated Wtr.	---	--	---	--



DRILLING PROGRAM

Page 7

Sufficient quantities of mud materials will be maintained or readily accessible for the purpose of assuring well control during the course of drilling operations.

A mud test shall be performed every 24 hours after mudding up to determine, as applicable: density, viscosity, gel strength, static filtration loss, and Ph.

b. Mud monitoring equipment to be used is as follows:

1. Periodic checks will be made each tour of the mud system. The mud level will be checked visually.

c. No chromate additives will be used in the mud system on Federal and/or Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

d. No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

6. Evaluation Program:

The anticipated type and amount of testing, logging and coring are as follows:

a. No drill stem tests are anticipated, however, if they are run the following requirements will be adhered to:

Initial opening of drill stem test tools shall be restricted to daylight hours unless specific approval to start during other hours is obtained from the authorized officer. However, DST's may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized

DRILLING PROGRAM

Page 8

and if adequate lighting is available (i.e. lighting which is adequate for visibility and vapor-proof for safe operations). Packers can be released, but tripping shall not begin before daylight, unless prior approval is obtained from the authorized officer. Closed chamber DSTs may be accomplished day or night.

A DST that flows to the surface with evidence of hydrocarbons shall be either reversed out of the testing string under controlled surface conditions. This would involve provided some means for reverse circulation.

Separation equipment required for the anticipated recovery shall be properly installed before a test starts.

All engines within 100 feet of the wellbore that are required to "run" during the test shall have spark arresters or water cooled exhausts.

- b. The logging program will consist of a GR and DLL from T.D. to base of surface casing. An FDC-CNL will be run from T.D. to 1300'.
- c. No cores are anticipated. Rotary sidewall cores if warranted.
- d. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the authorized officer (AO).
- e. A frac treatment will be utilized to complete this well. Frac treatment program specifics will be submitted via sundry notice and approval received prior to completion operations commencing. The drillsite, as approved will be of sufficient size to accommodate all completion activities.



DRILLING PROGRAM

Page 9

7. Abnormal Temperatures or Pressures

- a. No abnormal temperatures or pressures are anticipated. No H₂S has been encountered in or known to exist from previous wells drilled to similar depths in the general area.
- b. Maximum anticipated bottom hole pressure equals approximately 1960 psi (calculated at 0.40 psi/foot) and maximum anticipated surface pressure equals approximately 1078 psi (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/ft.).

8. Anticipated Starting Dates and Notification of Operations:

- a. Drilling will commence immediately upon approval of this application.
- b. It is anticipated that the drilling of this well will take approximately 8-10 days.
- c. The BLM in Vernal, Utah shall be notified of anticipated date of location construction commencement and of anticipated spud date.
- d. No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.
- e. The spud date will be reported orally to the AO within 48 hours after spudding. If the spudding occurs on a weekend or holiday, the report will be submitted on the following regular work day. The oral report will be followed up with a Sundry Notice.

DRILLING PROGRAM

Page 10

- f. In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 3160-6 "Monthly Report of Operations", starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed with the Vernal BLM District Office, 170 South 500 East, Vernal, UT 84078.
- g. Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.
- h. If a replacement rig is contemplated for completion operations, a "Sundry Notice" Form 3160-5 to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.
- i. Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communications, not later than 5 days following the date on which the well is placed on production.
- j. Pursuant to NTL-2B, with the approval of the District Engineer, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During the period so authorized, an application for approval of the permanent disposal method, along with the required water analysis and other information, must be submitted to the District Engineer.
- k. Pursuant to NTL-4A, lessees or operators are authorized to vent/flare gas during initial well evaluation tests, not exceeding a period of 30 days or the production of 50 MMCF of gas, whichever occurs first. An application must be filed with the District Engineer and approval received, for any venting/flaring of gas beyond the initial 30 day or authorized test period.
- l. A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3 and 3162.7-4 shall be submitted to the appropriate District Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in 43 CFR 3162.7 shall be adhered to. All product

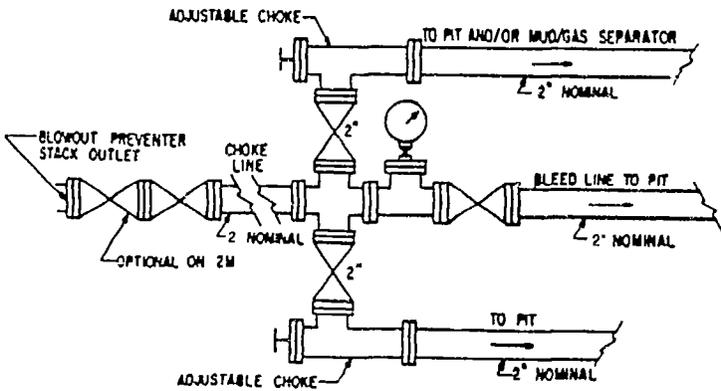
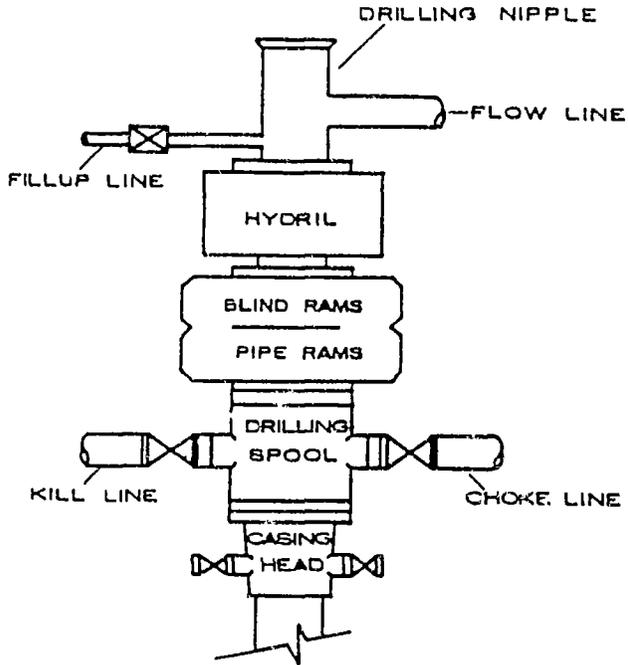


relevant factors, including; presence/absence of hydrocarbons; fracture gradients; usable water zones; formation pressures; lost circulation zones; other minerals; or other unusual characteristics. All indications of usable water shall be reported.

- b. Casing design shall assume formation pressure gradients of 0.44 to 0.50 psi per foot for exploratory wells (lacking better data).
- c. Casing design shall assume fracture gradients from 0.70 to 1.00 psi per foot for exploratory wells (lacking better data)
- d. Casing collars shall have a minimum clearance of 0.422 inches of all sides in the hole/casing annulus, with recognition that variances can be granted for justified exceptions.
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- g. The surface casing shall be cemented back to surface either during the primary cement job or by remedial cementing.
- h. All indications of usable water shall be reported to the authorized officer prior to running the next string of casing or before plugging orders are requested, whichever occurs first.
- i. Surface casing shall have centralizers on every fourth joint of casing starting with the shoe joint and up to the bottom of the cellar.
- j. Top plugs shall be used to reduce contamination of cement by displacement fluid. A bottom plug or other acceptable technique, such as a suitable preflush fluid, inner string cement method, etc. shall be utilized to help isolate the cement from contamination by the mud fluid being displaced ahead of the cement slurry.

BOP STACK

2,000 PSI



2,000 PSI CHOKE MANIFOLD

ONSHORE OIL & GAS ORDER NO. 1

NOTIFICATION REQUIREMENTS

- Location Construction - forty-eight (48) hours prior to construction of location and access roads.
- Location Completion - prior to moving on the drilling rig.
- Spud Notice - at least twenty-four (24) hours prior to spudding the well.
- Casing String and Cementing - twenty-four (24) hours prior to running casing and cementing all casing strings.
- BOP and Related Equipment Tests - twenty-four (24) hours prior to initiating pressure tests.
- First Production Notice - within five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

The onsite inspection for the above mentioned well was conducted on Tuesday, February 1, 1994. Weather conditions were cold and breezy. Present at the onsite inspection were the following individuals:

Byron Tolman	Natural Resource Specialist	BLM
Dale Thomas	Soil Conservationist	BIA
Alvin Ignacio	Energy & Minerals	Ute Tribe
Robert Kay	Surveyor	UELS
Lisa Smith	Permitting Consultant	Permitco Inc.
Paul Breshears	Area Production Foreman	Coastal Oil & Gas

1. Existing Roads

- a. The proposed well site is located approximately 16 miles southeast of Ouray, Utah.
- b. Directions to the location from Ouray, Utah are as follows:

From Ouray proceed south on the Seep Ridge Road (County Road) for approximately 6.9 miles. Turn left and proceed easterly on an existing oilfield road for 5.0 miles. Turn left and proceed in a northerly direction for 0.3 miles. Turn right and proceed in a northeasterly direction for approximately 1.7 miles. Turn left and proceed northeasterly for an additional 1.7 miles. Turn right and proceed southerly for 0.6 miles to the beginning of the proposed access road. Follow the flagging for approximately 0.1 miles to the location.

- c. For location of access roads within a 2-Mile radius, see Maps A & B.
- d. Improvement to the existing access will not be necessary.
- e. All existing roads will be maintained and kept in good repair during all drilling and completion operations associated with this well.
- f. Existing roads and newly constructed roads on surface under the jurisdiction of any Surface Managing Agency shall be maintained in accordance with the standards of the SMA.

2. Planned Access Roads

- a. Approximately 1/10 mile of new access will be required. The original access leading to the NBU #1-98 will be reclaimed and the new access will service both wells.
- b. The maximum grade of the proposed new access will be 6% or less.
- c. No turnouts are planned.



- d. No culverts or bridges will be required.
- e. The new access road was centerline flagged at the time of staking.
- f. Surface material will be that of native material.
- g. No gates, cattleguards or fence cuts will be necessary.
- h. Surface disturbance and vehicular travel will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.
- i. The road will be constructed/upgraded to meet the standards of the anticipated traffic flow and all weather road requirements. Construction/upgrading shall include ditching, draining, graveling, crowning and capping the roadbed as necessary to provide a well constructed safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot right-of-way will not be allowed. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.

Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, (1989).

- j. All roads constructed by operators on the Uinta and Ouray Indian Reservation will have appropriate signs. Signs will be neat and of sound construction. They will state: (a) that the land is owned by the Ute Indian Tribe, (b) the name of the operator, (c) that firearms are prohibited to all non-Ute Tribal members, (d) that permits must be obtained from the BIA



before cutting firewood or other timber products and (e) only authorized personnel permitted.

- k. A BIA road right of way application will be submitted under separate cover.

3. Location of Existing Wells Within a 1-Mile Radius of the Proposed Location.
(See Map #C).

- a. Water wells - none
- b. Injection wells - none
- c. Producing wells - sixteen
- d. Drilling wells - none
- e. Shut-in wells - none
- f. Temporarily abandoned wells - one
- g. Disposal wells - none
- h. Dry Holes - none

4. Location of Tank Batteries and Production Facilities.

- a. If the well becomes a producing well, it will be equipped with a closed production system. If a drain pit is necessary, it will be applied for in accordance with Onshore Order No. 7.
- b. All permanent structures (onsite for six months or longer) constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the five (5) state Rocky Mountain Inter-Agency Committee.



All production facilities will be painted within six (6) months of installation. Facilities required to comply with Occupational Health and Safety Act rules and regulations will be excluded from this painting requirement.

The required pain color is Desert Brown, Munsell standard color number 10 YR 6/3.

- c. If storage facilities/tank batteries are constructed on this lease, the facility/battery or the wellpad shall surrounded by a containment dike of sufficient capacity to contain at a minimum, the entire content of the largest tank within the facility/battery, unless more stringent protective requirements are deemed necessary by the authorized officer.
- d. A Sundry Notice will be submitted showing placement of all production facilities prior to construction.
- e. All wellsite locations on the Uinta and Ouray Indian Reservation will have an appropriate sign indicating the name of the operator, the lease serial number, the well name and number, the survey description of the well (either footages or the quarter-quarter section, the section, township, and range).
- f. If at any time the facilities located on public land and authorized by the terms of the lease are no longer included in the lease (due to a contraction in the unit or other lease or unit boundary change), BLM will process a change in authorization to the appropriate statute. The authorization will be subject to appropriate rental or other financial obligation as determined by the authorized officer.
- g. Any necessary pits will be properly fenced to prevent any wildlife entry.
- h. All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.



- i. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the District Manager.
- j. All access roads will be maintained as necessary to prevent erosion and accommodate year-round traffic.
- k. The road will be maintained in a safe useable condition.

5. Location and Type of Water Supply

- a. All water needed for drilling purposes will be obtained from a the Uintah #1 Water Well, Section 15, T10S - R21E which is operated by Target Trucking, Vernal, Utah. Water Permit No. 49-111.
- b. Water will be hauled to location over the roads marked on Maps A and B.
- c. No water well is to be drilled on this lease.

6. Source of Construction Material

- a. Surface and subsoil materials in the immediate area will be utilized.
- b. Any gravel used will be obtained from a commercial source.
- c. The use of materials under BLM jurisdiction will conform with 43 CFR 3610.2.3. Construction material will not be located on lease.
- d. No construction materials will be removed from Federal land.

7. Methods of Handling Waste Disposal

- a. The reserve pit will be constructed so as not to leak, break, or allow discharge.

- b. Burning will not be allowed. All trash will be contained in a trash cage and its contents removed at the end of drilling operations and hauled to an approved disposal sight.
- c. After first production, produced waste water will be confined to a lined pit or storage tank for a period not to exceed ninety (90) days. During the 90-day period, in accordance with Onshore Order No. 7, an application for approval of a permanent disposal method and location, along with the required water analysis, will be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance.
- d. Drill cuttings are to be contained and buried in the reserve pit.
- e. Any salts and/or chemicals which are an integral part of the drilling system will be disposed of in the same manner as the drilling fluid.
- f. A chemical porta-toilet will be furnished with the drilling rig.
- g. The produced fluids will be produced into a test tank until such time as construction of production facilities is completed. Any spills of oil, gas salt water or other produced fluids will be cleaned up and removed.

8. Ancillary Facilities

There are no airstrips, camps, or other facilities planned during the drilling of the proposed well.

9. Well Site Layout

- a. The reserve pit will be located on the northeast side of the location. Blasting of the reserve pit may be required.



- b. A reserve pit liner will be installed. If a plastic liner is used, it will be a minimum of 10 mil thickness with sufficient bedding (either straw or dirt) to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. More stringent protective requirements may be deemed necessary by the A.O.
- c. The flare pit will be located downwind of the prevailing wind direction on the east side, a minimum of 100 feet from the well head and 30 feet from the reserve pit fence.
- d. The stockpiled topsoil (first twelve inches) will be stored along the west side of the location as shown on the attached rig layout.
- e. Access to the wellpad will be from the northeast as shown on the attached rig layout.
- f. See Location Layout for orientation of rig, cross section of drill pad and cuts and fills.
- g. The location of mud tanks; reserve pit, trash cage; pipe racks; living facilities and soil stockpiles will be shown on the Location Layout.
- h. All pits will be fenced according to the following minimum standards:
 1. 39 inch net wire shall be used with at least one strand or barbed wire on top of the net wire (barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence).
 2. The net wire shall be no more than 2-inches above the ground. The barbed wire shall be 3-inches above the net wire. Total height of the fence shall be at least 42-inches.
 3. Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.



- e. The appropriate surface management agency should be contacted for the required seed mixture.

Dry Hole

- f. At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and BLM will attached the appropriate surface rehabilitation conditions of approval.

11. Surface Ownership

Access Roads - All roads are County maintained or are on Tribal or BLM lands.

Wellpad - The well pad is located on lands managed by the Ute Tribe.

12. Other Information

- a. All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice of Lessees. The operator is fully responsible for the actions of this subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.
- b. A complete copy of the approved APD and ROW grant, if applicable, shall be on location during construction of the location and drilling activities.
- c. A Class III archeological survey was conducted by Metcalf Archeological Consultants. A copy of this report is attached.
- d. The operator is responsible for informing all persons in the areas who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator is to immediately stop work that might further



- h. This permit will be valid for a period of one year from the date of approval. After permit termination, a new application will be filed for approval for any future operations.

13. Lessee's or Operator's Representative and Certification

Permit Matters

PERMITCO INC.
Lisa L. Smith
13585 Jackson Drive
Denver, CO 80241
303/452-8888

Drilling & Completion Matters

COASTAL OIL & GAS CORPORATION
600-17th Street, Suite 800 S
Denver, CO 80201-0749
Ned Shifflett - Operations Superintendent
303/573-4455 (office)
Joe Adamski - Environmental Coordinator
303/573-4476 (office)
303/828-3045 (home)

Certification

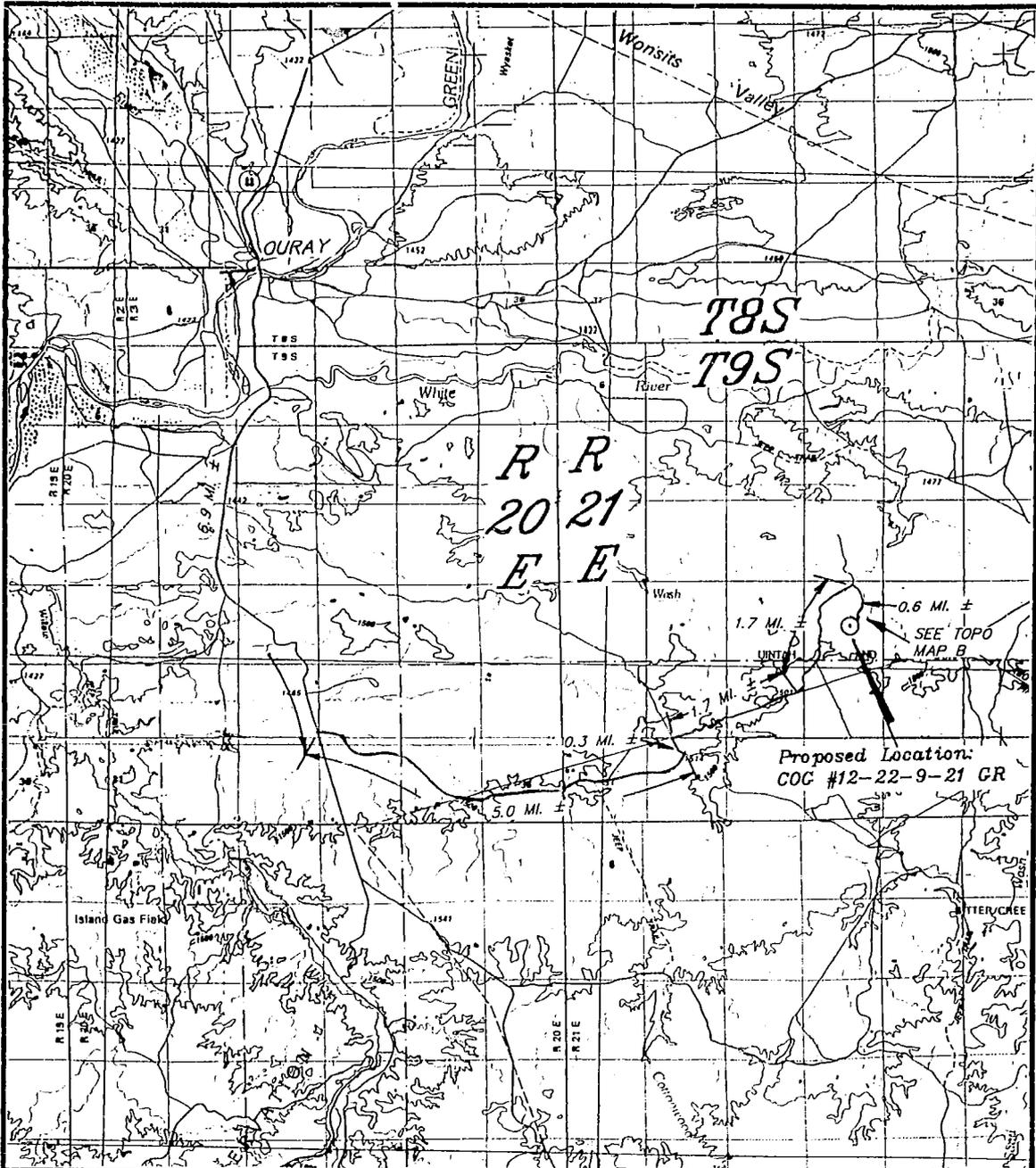
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Coastal Oil & Gas Corporation its contractors and subcontractors in conformity with the plan and the terms and conditions under which it is approved.

This statement is subject to the provisions of 18.U.S.C. 1001 for the filing of a false statement.

February 21, 1994

Date:

Lisa L. Smith - PERMITCO INC.
Authorized Agent for:
COASTAL OIL & GAS CORPORATION



TOPOGRAPHIC
 MAP "A"
 DATE 1-11-94 D.J.S



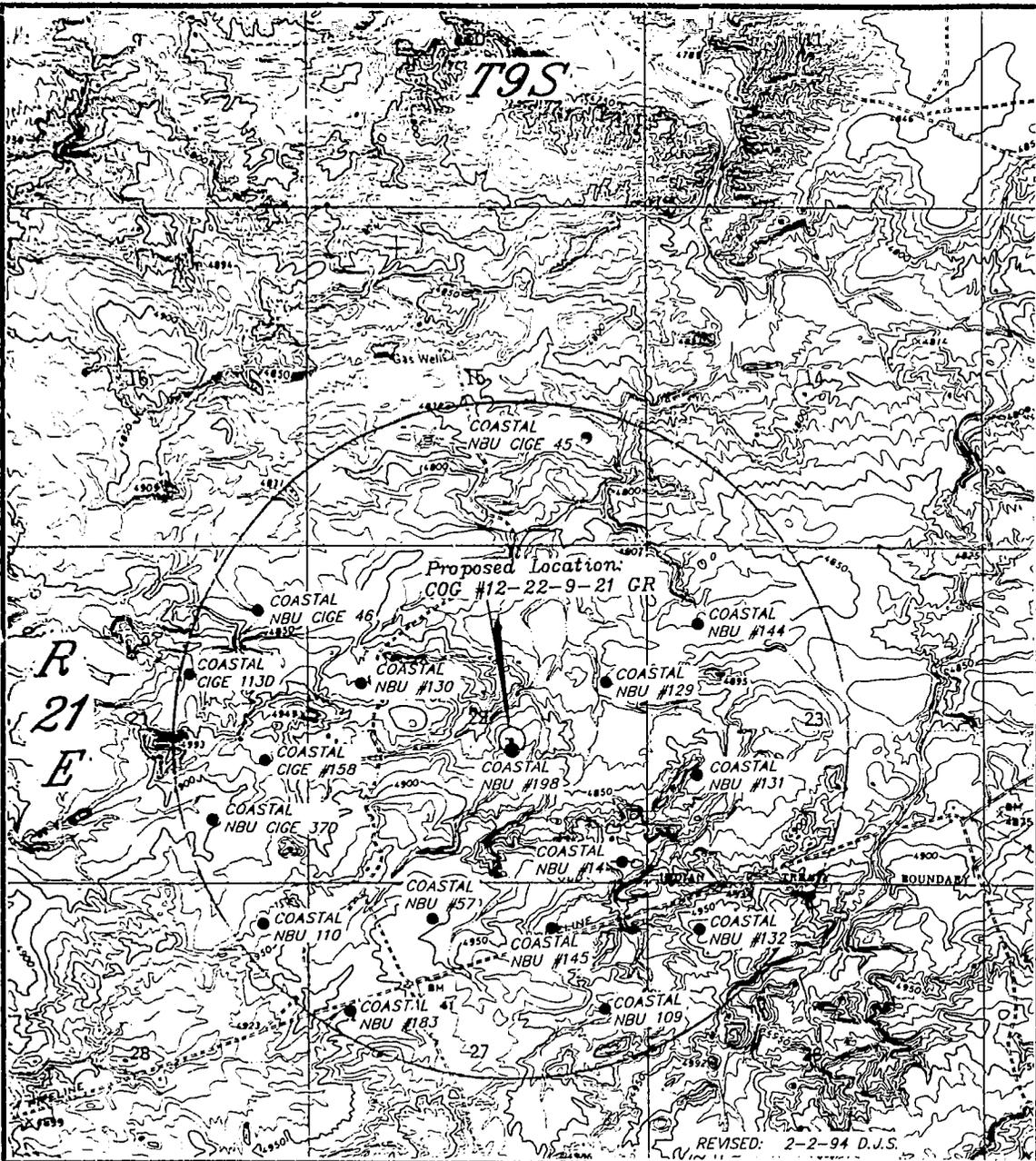
COASTAL OIL & GAS CORP.
 COG #12-22-9-21 GR
 SECTION 22, T9S, R21E, S.L.B.&M.
 2232' FSL 2145' FEL



TOPOGRAPHIC
 MAP "B"
 SCALE: 1" = 2000'
 DATE 1-10-94 D.J.S

COASTAL OIL & GAS CORP.

COG #12-22-9-21 GR
 SECTION 22, T9S, R21E, S.L.B.&M.
 2232' FSL 2145' FEL



LEGEND:

- ♣ = Water Wells
- ◆ = Abandoned Wells
- ◐ = Temporarily Abandoned Wells
- ⊙ = Disposal Wells
- = Drilling Wells
- = Producing Wells
- ◐ = Shut-in Wells



COASTAL OIL & GAS CORP.

COG #12-22-9-21 GR
SECTION 22, T9S, R21E, S.L.B.&M.
2232' FSL 2145' FEL

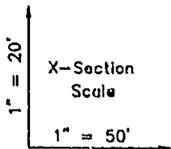
T O P O M A P " C "

DATE: 12-13-93 D.J.S.

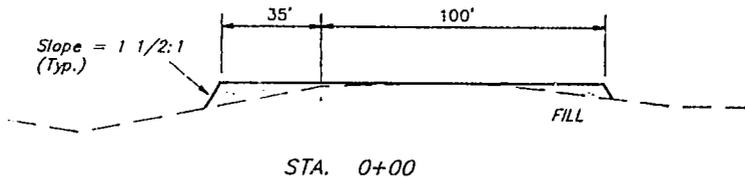
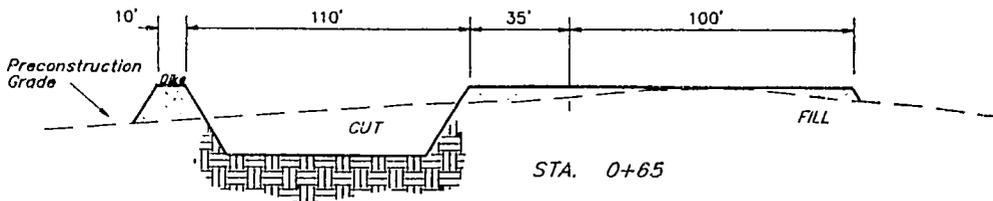
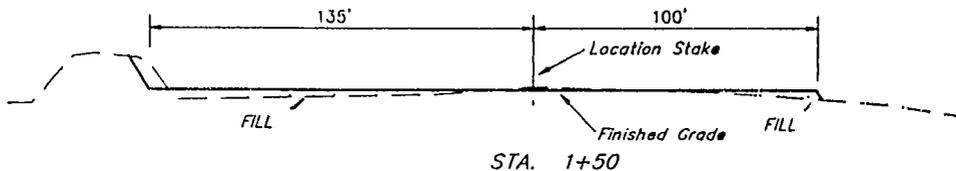
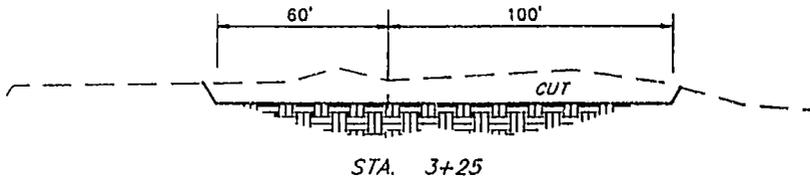
COASTAL OIL & GAS CORP.

TYPICAL CROSS SECTIONS FOR

COG #12-22-9-21 GR
SECTION 22, T9S, R21E, S.L.B.&M.
2232' FSL 2145' FEL



DATE: 12-27-93
Drawn By: T.D.H.



APPROXIMATE YARDAGES

CUT
(12") Topsoil Stripping = 2,160 Cu. Yds.
Remaining Location = 3,580 Cu. Yds.

TOTAL CUT = 5,740 CU.YDS.
FILL = 2,120 CU.YDS.

EXCESS MATERIAL AFTER
5% COMPACTION = 3,510 Cu. Yds.
Topsoil & Pit Backfill
(1/2 Pit Vol.) = 3,510 Cu. Yds.

EXCESS UNBALANCE = 0 Cu. Yds.
(After Rehabilitation)

FIGURE #2

There are no federal stipulations at this time.



A Wastewater Permit Application will be filed with the Uintah Basin District Health Department in Vernal once the drilling contractor has been determined.



Coastal Oil and Gas Corporation's
COG #12-22-9-21 Access Road
Cultural Resource Inventory on Ute Tribal Land
in Uintah County, Utah

by
John M. Scott

Michael D. Metcalf
Principal Investigator

for
Coastal Oil and Gas Corporation
Nine Greenway Plaza Suite 474
Houston, TX 77046

Prepared by
Metcalf Archaeological Consultants, Inc
P O Box 899
Eagle, CO 81631

Project Number U-93-MM-715(1)

January, 1994

Introduction

Metcalf Archaeological Consultants, Inc (MAC) was contacted by a representative of Coastal Oil & Gas Corporation to conduct a cultural resource investigation of the COG #12-22-9-21 (COG #12) access road. Only the access for the well pad COG #12 was surveyed because all of its proposed construction except for its access road will be entirely within a previously inventoried area. Both the well and access are to be constructed in the SW 1/4 of section 22, T9S, R21E, Uintah County, Utah and is on land administered by the Ute Indian Tribe, Fort Duchesne, Utah. Approximately 390 feet of access corridor was inspected. Total acreage inventoried for this project equaled one acre. The cultural resource inventory was conducted by MAC archaeologist John M. Scott on January 5, 1994 under two Ute Tribe Access Permits (dated January 3/4 and January 5/6, 1994). Ute Tribe Energy and Minerals technician Alvin Ignacio was also present. All field notes and maps are located in the MAC office in Eagle, Colorado.

Files Search

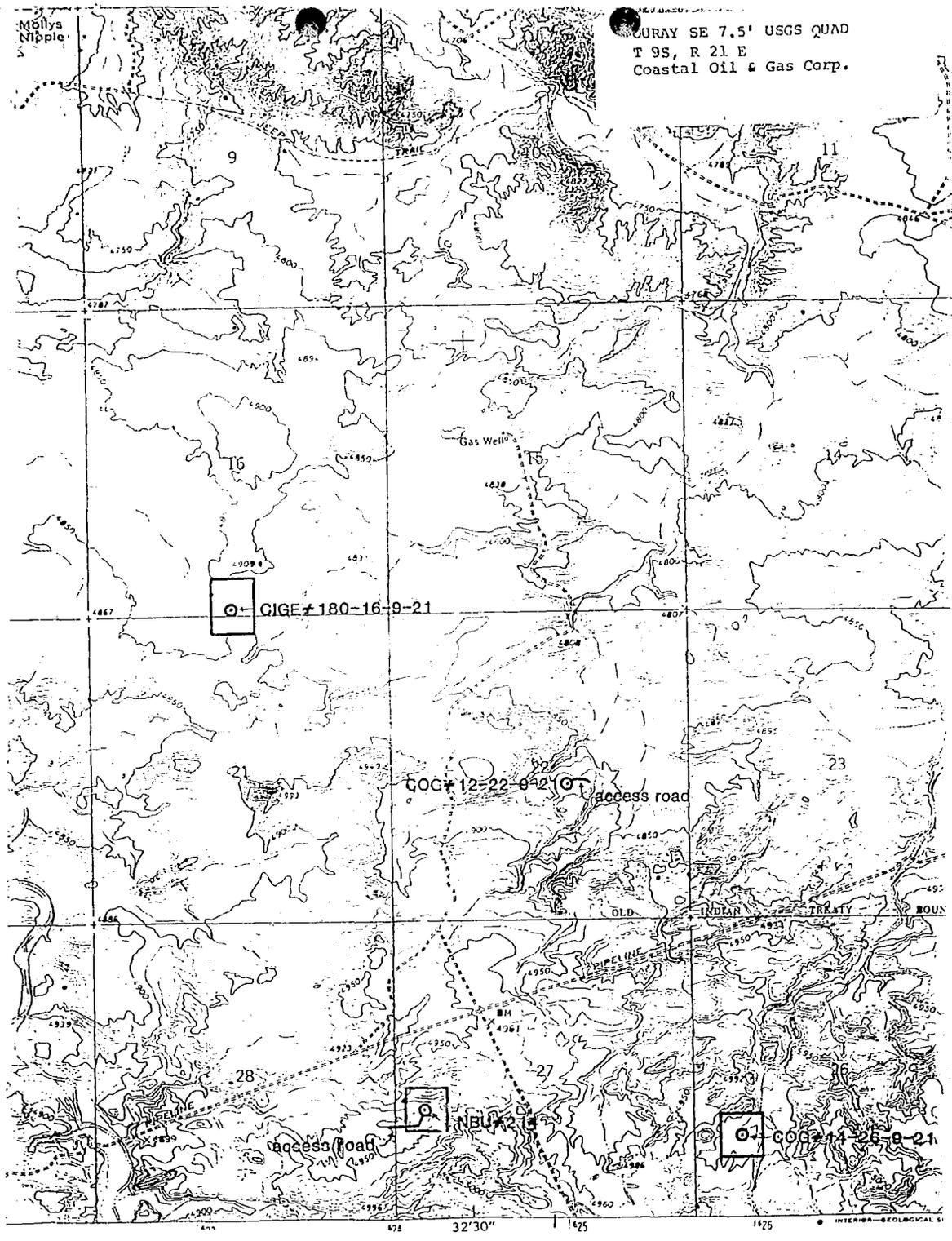
A file search was requested through the Division of State History in Salt Lake City on December 7, 1994. A search of the files at the MAC office in Eagle was also conducted. These searches revealed that an existing well (NBU #198) had been previously inventoried by MAC archaeologists on July 21, 1992 (Truesdale 1992). The location of the proposed well is on the immediate northwest of the existing NBU #198. Consequently, the entire impact area of proposed COG #12-22-9-21 well (except for its access road) is in a previously surveyed location. The proposed access for COG #12-22-9-21 will be just north of the previously surveyed area. No cultural resources are listed in the State of Utah files or the MAC files.

Environment

The location for this study is physiographically in the Uintah Basin, southeast of the town of Ouray, Utah. It is located in the Natural Buttes/Chapita Wells area situated within the original exterior boundaries of the Uintah-Ouray Ute Reservation. In general the area is characterized as a low, deflated basin of Uinta Formation (Eocene age) sediments. The proposed location for the access road associated with the COG #12-22-9-21 is positioned in a wide open portion of a northeast gently sloping hillside. It will start on the west side of an existing oil field road and heads to the west with a gentle curve to the south where it attaches to its associated well pad. The total length is approximately 390 feet. Sediments on the location are limited to ten or twenty centimeters and consist of residual angular sandstone on the ridge and residual Uinta formation clays exposed in degraded spots. Some bedrock is also exposed towards the west end of the access.

Mollys Nipple

MURRAY SE 7.5' USGS QUAD
T 9S, R 21 E
Coastal Oil & Gas Corp.



Field Methodology

The proposed access road was inspected by using the centerline flagging as the middle of the project corridor and then walking a zig-zag transect that cycled back and forth across it. A second transect was walked through the corridor in a random fashion to inspect any areas that might have been missed during the first transect. The total width of inventoried corridor is 100 feet.

Results

No cultural resources were discovered or located within the surveyed corridor for the COG #12-22-9-21 proposed access road.

Recommendations

Cultural resource clearance is recommended for the COG #12-22-9-21 access road as it is currently staked.

References

Truesdale, James A.
1992 NBU-198 Well and Access/Flowline Cultural Resource Inventory, for Coastal Oil and Gas Corporation, Uintah County, Utah. Ms. on file Metcalf Archaeological Consultants, Inc., Eagle, CO

ONSHORE OIL & GAS ORDER NO. 1

**Approval of Operations on Onshore
Federal and Indian Oil & Gas Leases**

**COG #12-22-9-21 GR
2232' FSL and 2145' FEL
NW SE Sec. 22, T9S - R21E
Uintah County, Utah**

Prepared For:

COASTAL OIL & GAS CORP.

By:

**PERMITCO INC.
13585 Jackson Drive
Denver, Colorado 80241
303/452-8888**

Copies Sent To:

- 4 - BLM - Vernal, Utah**
- 1 - Utah Division of Oil, Gas & Mining - SLC, UT**
- 1 - BIA - Fort Duchesne, UT**
- 1 - Ute Tribe - Ft. Duchesne, UT**
- 1 - Coastal Oil & Gas Corp - Denver, CO**





Coastal
The Energy Place

Bureau of Land Management
170 S. 500 E.
Vernal, UT 84078

RE: Federal Permitting Services

Gentlemen:

This letter is to inform you that Permitco Inc. is authorized to act as Agent and to sign documents on behalf of Coastal Oil & Gas Corp., when necessary for filing county, state and federal permits including Onshore Order No.1, Right of Way applications, etc.

It should be understood that Permitco is acting as Agent only in those matters stated above and is not responsible for drilling, completion, production or compliance with regulations.

Coastal Oil & Gas Corp. agrees to accept full responsibility for operations conducted in order to drill, complete and produce the above mentioned well.

Sincerely,

Joseph J. Adamski
Environmental & Regulatory Analyst

Coastal Oil & Gas Corporation

ANERBOPR 11/09 04/11 11/09 04/11
ANERBOPR 11/09 04/11 11/09 04/11

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 02/25/94

API NO. ASSIGNED: 43-047-32474

WELL NAME: COG 12-22-9-21 GR
OPERATOR: COASTAL OIL & GAS CORP (N0230)

PROPOSED LOCATION:
NWSE 22 - T09S - R21E
SURFACE: 2232-FSL-2145-FEL
BOTTOM: 2232-FSL-2145-FEL
UINTAH COUNTY
NATURAL BUTTES FIELD (630)

INSPECT LOCATION BY: / /		
TECH REVIEW	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: FED
LEASE NUMBER: U-010950-A

RECEIVED AND/OR REVIEWED:

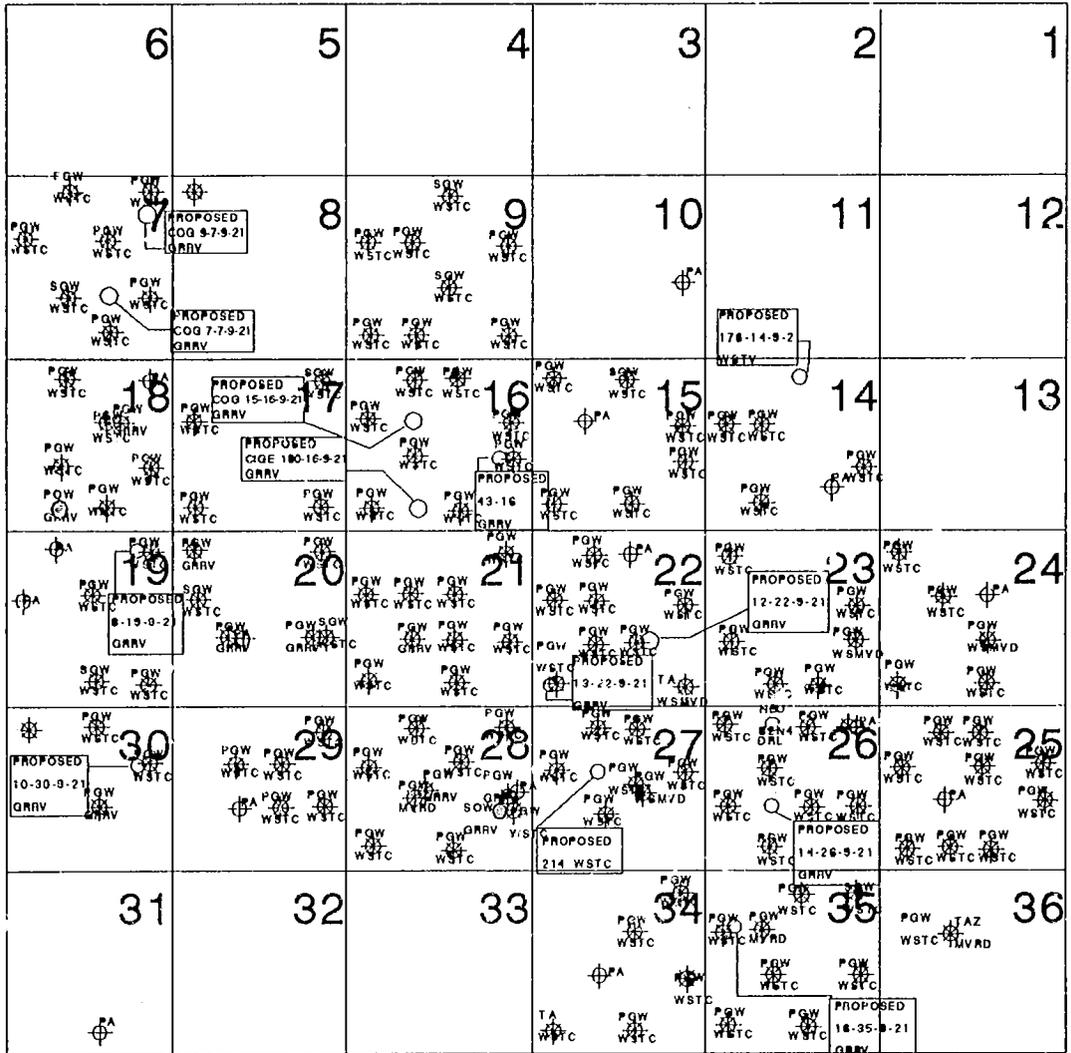
- Plat
- Bond: Federal[] State[] Fee[]
(Number CL-OC.S)
- Potash (Y/N)
- Oil shale (Y/N)
- Water permit
(Number 1911)
- RDCC Review (Y/N)
(Date: _____)

LOCATION AND SITING:

- R649-2-3. Unit: _____
- R649-3-2. General.
- R649-3-3. Exception.
- Drilling Unit.
Board Cause no: 197-7
Date: 4/27/94
- R649-3-4

COMMENTS: UTE TRIBE HAS NOT APPROVED THIS LOCATION 6/13/94
WELL IS ON THE SAME LOCATION AS COG 198

STIPULATIONS: _____



R 21 E



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
Triad Center Suite 350
Salt Lake City Utah 84100 1203
801 538 5340
801-359 3940 (Fax)
801 538 5319 (TDD)

June 13, 1994

Coastal Oil & Gas Corporation
600 - 17th Street, Suite 800 S
Denver, Colorado 80201-0749

Re: COG 12-22-9-21 GR Well, 2232' FSL, 2145' FEL, NW SE, Sec. 22, T. 9 S., R. 21 E., Uintah County, Utah

Gentlemen.

Pursuant to the order issued by the Board of Oil, Gas and Mining in Cause No. 197-7 dated April 27, 1994, and Utah Admin R 649-3-4, Permitting of Wells to be Drilled, Deepened or Plugged-Back, approval to drill the referenced well is hereby granted.

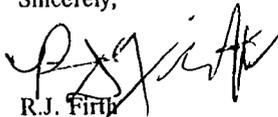
In addition, the following specific actions are necessary to fully comply with this approval:

1. Compliance with the requirements of Utah Admin R. 649-1 et seq., the Oil and Gas Conservation General Rules
2. Notification to the Division within 24 hours after drilling operations commence.
3. Submittal of Entity Action Form, Form 6, within five working days following commencement of drilling operations and whenever a change in operations or interests necessitates an entity status change.
4. Submittal of the Report of Water Encountered During Drilling, Form 7.
5. Prompt notification prior to commencing operations, if necessary, to plug and abandon the well. Notify Frank R. Matthews, Petroleum Engineer, (Office) (801)538-5340, (Home) (801)476-8613, or K. Michael Hebertson, Reclamation Specialist, (Home) (801)269-9212.
6. Compliance with the requirements of Utah Admin. R. 649-3-20, Gas Flaring or Venting, if the well is completed for production

Page 2
Coastal Oil & Gas Corporation
COG 12-22-9-21 GR Well
June 13, 1994

This approval shall expire one year after date of issuance unless substantial and continuous operation is underway or a request for an extension is made prior to the approval expiration date. The API number assigned to this well is 43-047-32474.

Sincerely,

A handwritten signature in black ink, appearing to read "R.J. Firth", written in a cursive style.

R.J. Firth
Associate Director

ldc
Enclosures
cc: Uintah County Assessor
Bureau of Land Management, Vernal District Office
WO11



Coastal
The Energy People

RECEIVED
AUG 1-1 1995

August 10, 1995

Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, Utah 84078

ATTN: Margie Herrmann

RE: COG #7-7-9-21
COG #9-7-9-21
COG #12-22-9-21
COG #13-22-9-21
COG #15-16-9-21

Dear Margie:

All of the wells referenced above are located in Uintah County and have Tribal surface and Federal minerals. The APD's were originally submitted in early 1994, although an extension was requested for the COG #12 in May, 1995. It is not certain at this time when drilling will take place. Please return the APD's for each of these wells. When drilling plans are finalized, the APD's will be resubmitted with any necessary modifications. Thank you.

If you have any questions, please contact me at (303) 573-4476.

Sincerely,

Bonnie Johnston
Senior Environmental Analyst



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Vernal District Office
170 South 500 East
Vernal, Utah 84078-2799

IS-BE/RY/RE/RT/O

3162
UT08438

August 14, 1995

ENC 17 1 -

Bonnie Johnston
Coastal Oil & Gas Corporation
P O Box 0749
Denver, CO 80201 0749

Re COG #7-7-9-21
COG #9-7-9-21
COG #12-22-9-21 48-047-32474
COG #13-22-9-21 Sec 22, T 9S, R 21E
COG #15-16-9-21

Dear Ms Johnston

The Applications for Permit to Drill the above-referenced wells are being returned unapproved as per your letter of August 10, 1995. If you intend to drill at these locations at a future date, new Applications for Permit to Drill must be submitted.

Thank you for your help. If you have any questions, please call me at (801) 781-4492.

Sincerely,

Margie Herrmann
Legal Instruments Examiner

cc. State Div. OG&M
BIA

8/22/95



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84103-1203
801 538 5340
801 359 3940 (Fax)
801 538 5319 (TDD)

August 21, 1995

Bonnie Johnston
Coastal Oil & Gas Corporation
P O Box 0749
Denver, Colorado 80201-0749

Re: COG 12-22-9-21 GR Well, Sec. 22, T. 9 S., R. 21 E., Uintah County, Utah,
API No. 43-047-32474

Dear Ms Johnston

Per your request made to the BLM on August 10, 1995, approval to drill the above referenced well is hereby rescinded. A new Application for permit to Drill must be filed with this office for approval, prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division of Oil, Gas and Mining immediately.

Sincerely,

A handwritten signature in cursive script that reads "Don Staley".

Don Staley
Administrative Manager
Oil and Gas

ldc
cc: R. J. Firth
Well file
WOI40