

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG \_\_\_\_\_ ELECTRIC LOGS \_\_\_\_\_ FILE **X** WATER SANDS \_\_\_\_\_ LOCATION INSPECTED \_\_\_\_\_ SUB. REPORT/abd. # \_\_\_\_\_

DATE FILED **12-30-85**

LAND: FEE & PATENTED \_\_\_\_\_ STATE LEASE NO. \_\_\_\_\_ PUBLIC LEASE NO. **U-55571** INDIAN \_\_\_\_\_

DRILLING APPROVED: **1-6-86**

SPUDED IN: \_\_\_\_\_

COMPLETED: \_\_\_\_\_ PUT TO PRODUCING: \_\_\_\_\_

INITIAL PRODUCTION: \_\_\_\_\_

GRAVITY A.P.I. \_\_\_\_\_

GOR: \_\_\_\_\_

PRODUCING ZONES: \_\_\_\_\_

TOTAL DEPTH: \_\_\_\_\_

WELL ELEVATION: \_\_\_\_\_

DATE ABANDONED: **2-6-87 LA'D**

FIELD: **WILDCAT**

UNIT: \_\_\_\_\_

COUNTY: **SAN JUAN**

WELL NO. **FEDERAL 1-29-29-26K** API #**43-037-31239**

LOCATION **600' FNL** FT. FROM (N) (S) LINE. **600' FEL** FT. FROM (E) (W) LINE. **NE NE** 1/4 - 1/4 SEC. **29**

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR

<b>29S</b>	<b>26E</b>	<b>29</b>	<b>COASTAL OIL &amp; GAS CORP.</b>
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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO.  
U-55571

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Not Applicable

7. UNIT AGREEMENT NAME  
Not Applicable

8. FARM OR LEASE NAME  
Federal

9. WELL NO.  
1-29-29-26K

10. FIELD AND POOL, OR WILDCAT  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 29, T29S, R26E

12. COUNTY OR PARISH  
San Juan

13. STATE  
Utah

RECEIVED

DIVISION OF OIL  
GAS & MINING

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, Colorado 80201-0749

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
At surface  
600' FNL, 600' FEL (NE $\frac{1}{2}$ NE $\frac{1}{2}$ ) 29-29S-26E  
At proposed prod. zone  
Same As Above

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
Approximately Eleven (11) Miles Southeast of LaSal, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
600'

16. NO. OF ACRES IN LEASE  
3743.45

17. NO. OF ACRES ASSIGNED TO THIS WELL  
40

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

19. PROPOSED DEPTH  
12,200'

20. ROTARY OR CABLE TOOLS  
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
6862.0' GR

22. APPROX. DATE WORK WILL START\*  
January 20, 1985

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15"	13-3/8" K-55	54.5#	0- 2,000'	1600 sx, Circ. to Surface *
12-1/4"	7 " SS-95	38.0#	0- 1,000'	1200 sx Class "H"
12-1/4"	7 " L-80	32.0#	1,000-10,950'	
12-1/4"	7 " SS-95	38.0#	10,950-T.D.	

\* Cement volumes may change due to hole size.  
Calculate from Caliper Log.

EIGHT-POINT RESOURCE PROTECTION PLAN ATTACHED.

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 sub-contractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

Coastal Oil & Gas Corporation has a current nationwide bond.

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 Drlg. Manager DATE Dec. 16, 1985

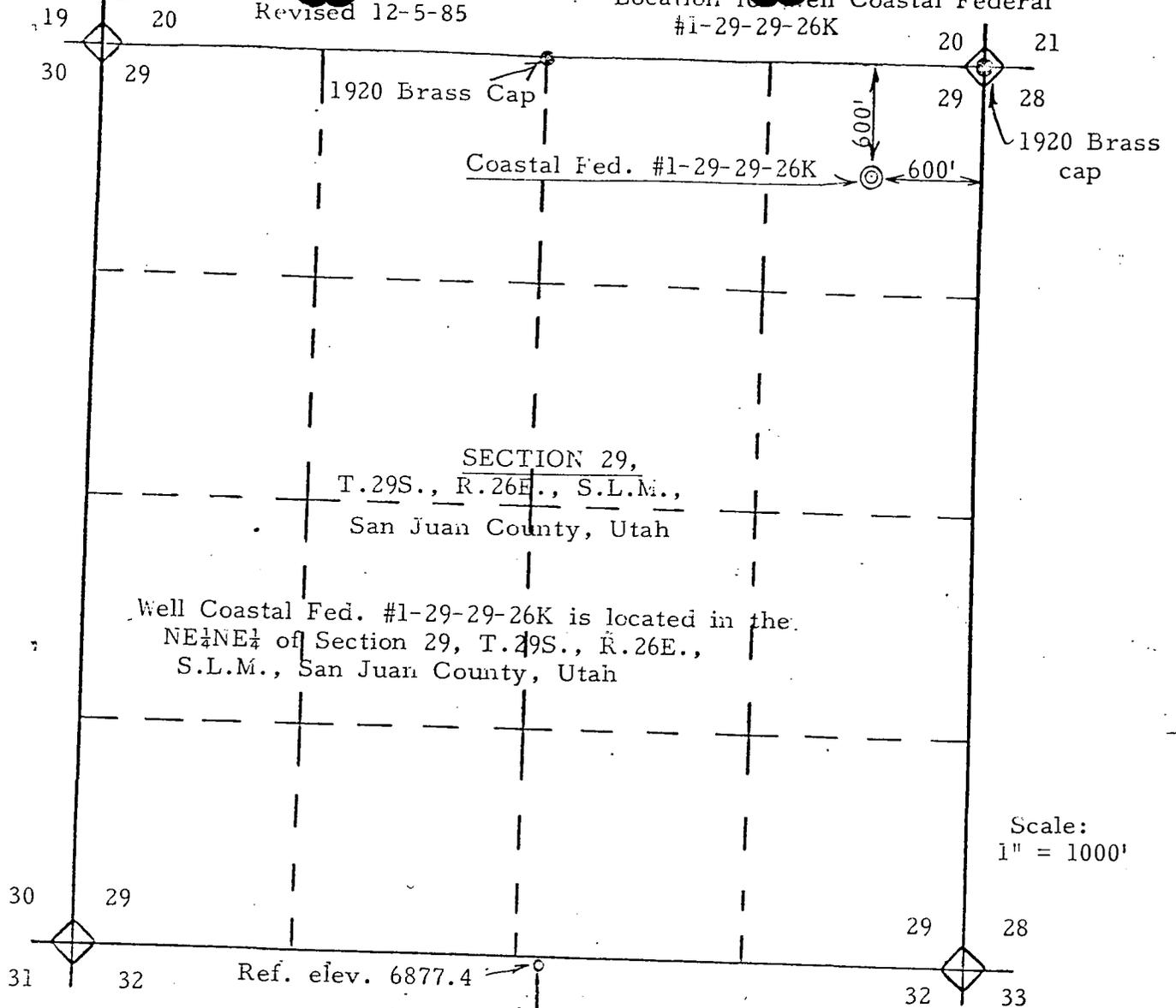
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
/S/ GENE NODINE DISTRICT MANAGER JAN 14 1986

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY :

SUBJECT TO RIGHT OF WAY APPROVAL CONDITIONS OF APPROVAL ATTACHED \*See Instructions On Reverse Side FLARING OR VENTING OF GAS IS SUBJECT OF NTL 4-A

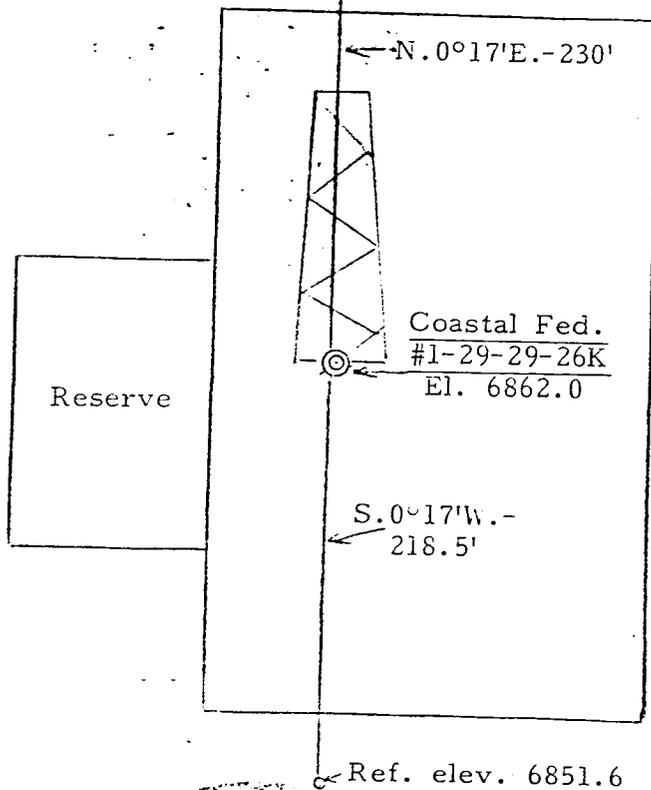
State of Utah - DOGMIN



Scale: 1" = 1000'

Soil: Sandstone boulders-hillside. Sandy soil.  
 Vegetation: Thick pinon-juniper trees; native shrubs.

Elevation based on elevation shown on USGS quad map (LaSal) in the NW 1/4 of Sec. 29, T.29S., R.26E. This elevation is 7010.



Scale: 1" = 100'



KNOW ALL MEN BY THESE PRESENTS: THAT I, FREDRIC P. THOMAS do hereby certify that I prepared this plat from an actual and accurate survey of the land and that the same is true and correct to the best of my knowledge and belief.

*Fredric P. Thomas*

FREDRIC P THOMAS Bearing by  
 Reg. L.S. and P.E. Solar  
 Colo. Reg. No. 672B observation

**THOMAS** Engineering Inc.

215 N. Linden  
 Cortez, Colorado  
 565-4496

Coastal Oil & Gas Corporation  
Well No. Federal 1-29-29-26K  
Sec. 29, T. 29 S., R. 26 E.  
San Juan County, Utah  
Lease U-55571

CONDITIONS OF APPROVAL

B. SURFACE USE PROGRAM

The following seed mixture will be used:

<u>Species</u>		<u>lbs/acre</u>
<u>Grasses</u>		
Agropyron smithii	Western wheatgrass	2
Poa	Bluegrass	2
Koeleria cristata	Prairie junegrass	2
<u>Forbs</u>		
Achillea millefolium	Western yarrow	1
Medicago sativa	Alfalfa (Spreador II, Nomad, Ladak)	1/2
Sanguisorba minor	Small burnet	1/2
<u>Shrubs</u>		
Cercocarpus montanus	True mahogany	2
Purshia tridentata	Antelope bitterbrush	2
		<u>12 lbs/acre</u>

Broadcast seed will be applied at double the above rate.

Final location release will be issued when the seeding is shown to be successful (when perennial vegetation is established).

Your contact with the District Office is:

Gregg Noble, Petroleum Engineer      Office Phone: (801) 259-6111  
Home Phone: (801) 259-8811

District Address:  
82 East Dogwood, P.O. Box 970  
Moab, Utah 84532

Your contact with the Grand Resource Area Office is:

Jeff Robbins      Office Phone: (801) 259-8193  
Home Phone: (801) 259-7964

Area Office Address:  
Sand Flats Road, P.O. Box M  
Moab, Utah 84532

EXPRESS MAIL ROUTING [REDACTED]

PAM

1-22 10:00

TAMI

1-22 10:30

VICKY

1-22 10:30

CLAUDIA

1-22 10:30

STEPHANE

1-22 1:16

CHARLES

CD 1-22 10:35

RULA

1-22 PM 12:45

MARY ALICE

MAP 1-22 2:49

CONNIE

CD 1-22 403

MILLIE

MS 1-22 1:00

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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1-29-29-26K

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AND SURVEY OR AREA  
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SINGLE ZONE  MULTIPLE ZONE

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Coastal Oil & Gas Corporation

3. ADDRESS OF OPERATOR  
P. O. Box 749, Denver, Colorado 80201-0749

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At proposed prod. zone  
Same As Above

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\* Cement volumes may change due to hole size.  
Calculate from Caliper Log.

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24. SIGNED [Signature] TITLE District Drlg. Manager DATE Dec. 16, 1985

(This space for Federal or State office use)

PERMIT NO. 43-037-31239

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

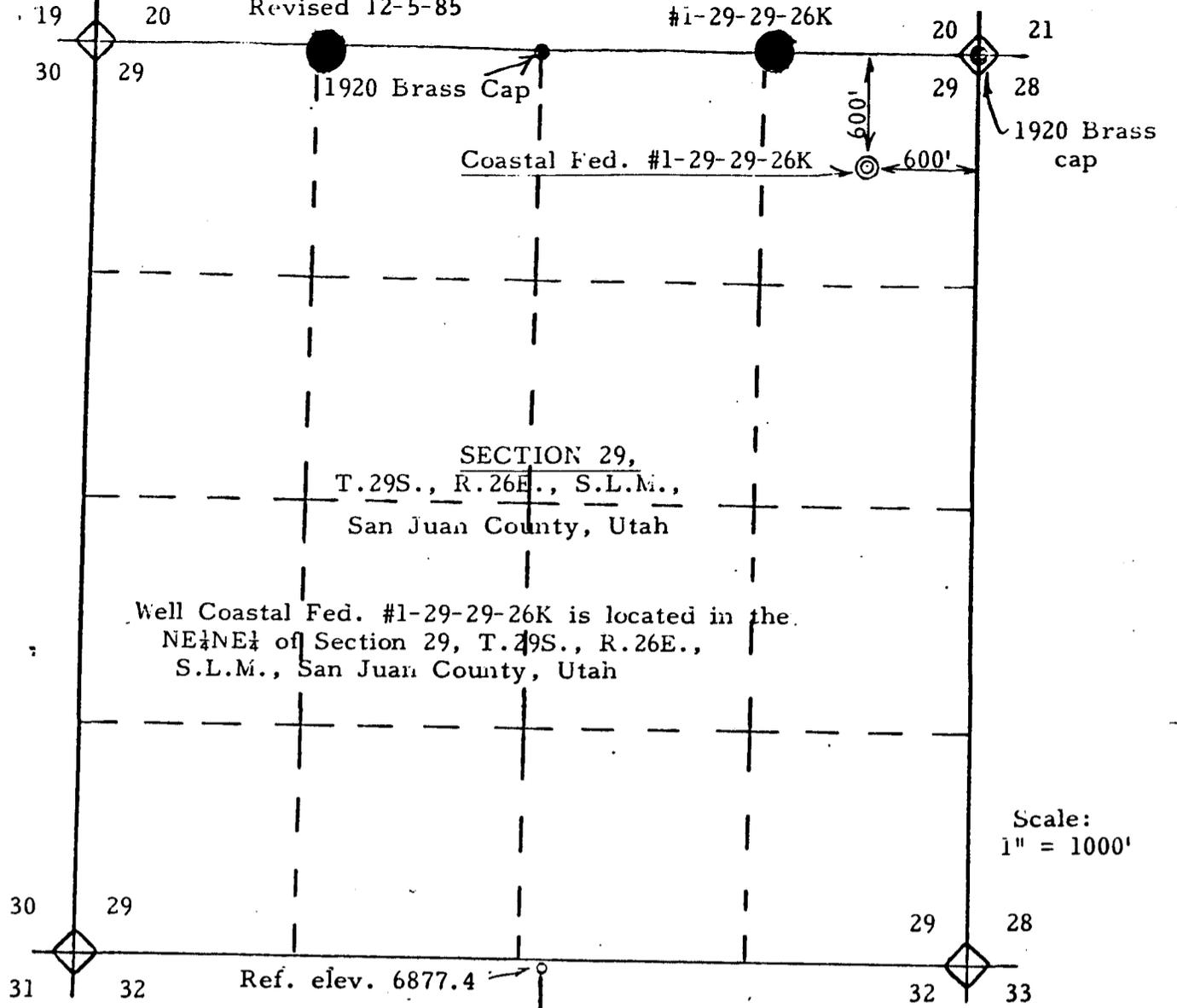
APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

DATE: 1-6-86  
BY: John R. Day

CONDITIONS OF APPROVAL, IF ANY:

WELL SPACING: 302

\*See Instructions On Reverse Side

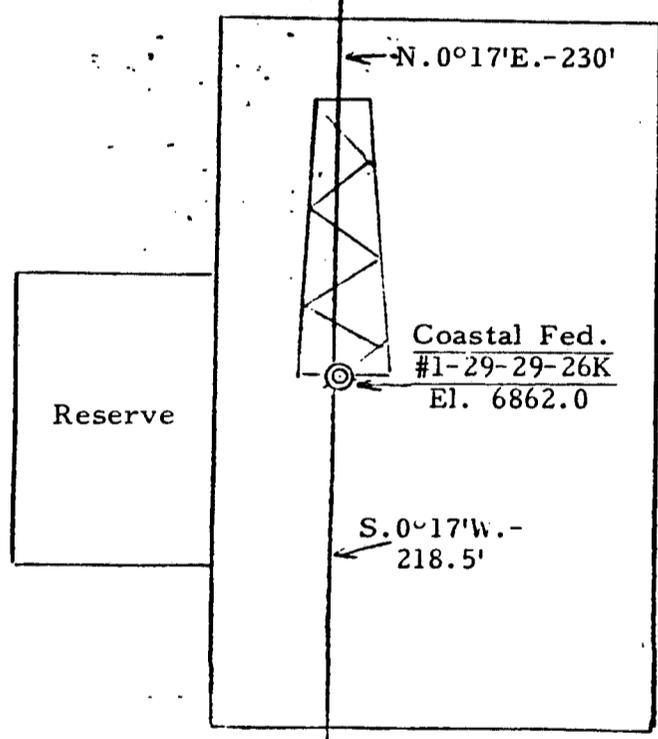


Well Coastal Fed. #1-29-29-26K is located in the  
 NE 1/4 NE 1/4 of Section 29, T.29S., R.26E.,  
 S.L.M., San Juan County, Utah

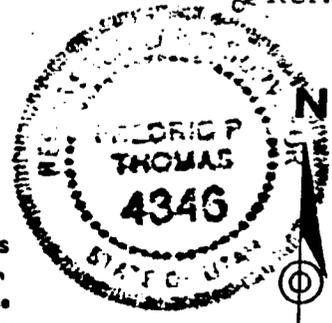
Scale:  
 1" = 1000'

Soil: Sandstone boulders-  
 hillside. Sandy soil.  
 Vegetation: Thick  
 pinon-juniper trees;  
 native shrubs.

Elevation based on  
 elevation shown on  
 USGS quad map (LaSal)  
 in the NW 1/4 of Sec. 29,  
 T.29S., R.26E. This  
 elevation is 7010.



Scale: 1" = 100'



KNOW ALL MEN BY THESE PRESENTS:  
 THAT I, FREDRIC P. THOMAS  
 do hereby certify that I prepared this plat from an  
 actual and accurate survey of the land and that the  
 same is true and correct to the best of my knowledge  
 and belief.

*Fredric P. Thomas*  
 FREDRIC P THOMAS Bearing by  
 Reg. L.S. and P.E. Solar  
 Colo. Reg. No. 6728 observation

**THOMAS** Engineering Inc.

215 N. Linden  
 Cortez, Colorado  
 565-4496

Utah Reg. No. 4346

Coastal Oil & Gas Corporation

Lease #U-55571, 1-29-29-26K Federal  
NE $\frac{1}{4}$ NE $\frac{1}{4}$ , Section 29, T29S, R26E  
San Juan County, Utah

Drilling Prognosis

1. Estimated Tops of Important Geologic Markers:

Dakota	Surface	Mississippian	11,545'
Cutler	4,288'	Ouray	11,845'
Hermosa	8,437'	Elbert	11,960'
La Sal	9,880'	McCracken	12,060'
Ismay	10,780'	Cambrian	12,150'
Desert Creek	10,975'	Total Depth	12,200'
Salt	11,360'		

2. Estimated Depth at Which Oil, Gas, Water, or Mineral-Bearing Zones are Expected to be Encountered:

	<u>Formation</u>	<u>Depth</u>
Expected oil zones	: Hermosa	8,437'
	Ismay	10,780'
	Desert Creek	10,975'
	Mississippian	11,545'
	McCracken	12,060'
Expected gas zones	: Cutler	4,288'
	La Sal	9,880'
Expected Water Zones	: None known	
Expected Mineral Zones	: Salt	11,360

CO<sub>2</sub> and methane possible in Mississippian @ 11,545'

All fresh water and prospectively valuable minerals (as described by BLM at on-site) encountered during drilling will be recorded by depth, cased and cemented. All oil and gas shows will be tested to determine commercial potential.

3. Pressure Control Equipment:

Type	: 10" triple gate hydraulic with 1 blind ram, 2 pipe rams and 10" annular preventer; equipped with automatic choke and manifold and 9-10" casing head.
Pressure Rating	: 5000 psi BOP, 5000 psi annular preventer, 5000 psi choke manifold, and 5000 psi casing head.
Testing Procedure	: The BOP and choke manifold will be pressure tested to the rated working pressure or 70% of the internal yield strength of the surface casing, whichever is less, for a period of 15 minutes upon installation; once every thirty days and/or when flange seals are broken if a "nipple-up" or "nipple-down" takes place.

3. Pressure Control Equipment: Con't.

Fill line will be 3", kill line will be 3", choke relief line will be 3". BOP, drills and tests will be recorded in the driller's log.

The choke manifold and BOP extension rods with handwheels will be located outside the sub-structure. The hydraulic BOP closing unit will be located at least 25 feet from the well head. Exact locations and configurations will depend upon the particular rig contracted to drill this hole.

BOP systems will be consistent with API RP 53. Pressure tests will be conducted before drilling out from under all casing strings which are 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 recorded on the daily drilling report. Preventors will be pressure-tested before drilling casing cement plugs. The Resource Area will be notified one day in advance when pressure tests are to be conducted.

4. The Proposed Casing and Cementing Program; and Auxiliary Equipment

A. Casing Program:

<u>Hole Size</u>	<u>Casing Size</u>	<u>Wt./Ft., Grade, Joint</u>	<u>Interval</u>	<u>String Length</u>
15 "	13 3/8"	54.5# K-55 ST&C	0- 2,000'	2,000'
12 1/4"	7 "	38.0# SS-95 LT&C	0- 1,000'	1,000'
12 1/4"	7 "	32.0# L-80 LT&C	1,000-10,950'	9,950'
12 1/4"	7 "	38.0# SS-95 LT&C	10,950-12,200'	1,250'

All casing strings will be pressure tested to 0.2 psi/ft., or 1000 psi, whichever is greater, after cementing and prior to drilling out.

B. Cementing Program:

Surface Casing : 1100 sx 50-50 Pozmix + 500 sx Class "H" + additives  
 Circulated to surface

Production Casing : 1200 sx Class "H" + additives, top of cement anticipated at 8500 feet

Actual cement volumes to be determined from caliper logs.

A greater amount of cement will be used if necessary to ensure that all potentially productive hydrocarbon zones are cemented off. Fill-up to be determined from logs.

4. The Proposed Casing and Cementing Program: Con't.

B. Cementing Program: Con't.

Anticipated cements tops will be reported as to depth, not the expected number of sacks. The Resource Area will not be notified in advance when running casing strings and cement.

C. Auxiliary Equipment:

1. A kelly cock will be kept in the string at all times.
2. Periodic checks will be made each tour of the mud system (refer to Item #5).
3. A stabbing valve will be kept on the derrick floor to be stabbed into the drill pipe whenever the kelly is not in the string.
4. No bit float will be used.

5. Drilling Fluids Program: (Monitor with PVI & Flow Sensor Devices)

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss</u>
0- 2,000'	Native Mud	8.5-9.0	40-60	NC
2,000-11,300'	LSND	8.6-9.2	35-45	12 cc
11,300-T.D.	Salt Mud	9.2-10.2	40-45	15 cc

Drilling mud inventory will be stockpiled on the location and will not be less than the total amount needed for the mud system as required to drill this well.

6. Evaluation Program:

- Logs : BHC-Sonic/GR 12,200' to Surface  
 CNL/LDT/GR 12,200' to Surface  
 DIL/SP 12,200' to Surface  
 Dipmeter 12,200' to 8,400'
- DST's : One DST possible in each of the following formations - La Sal, Ismay, Desert Creek, Mississippian, and McCracken
- Cores : One core possible in Desert Creek formation.

Evaluation program may change at the discretion of the wellsite geologist, with the approval of the Bureau of Land Management.

Stimulation : No stimulation or frac treatment has been formulated for this test at this time. The drill site, as approved, will be of sufficient size to accommodate all completion activities.

6. Evaluation Program: Con't.

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 to the District Office not later than thirty (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 Moab District Manager.

7. Abnormal Conditions:

No abnormal temperatures or pressure are anticipated. No H S gas has been reported or known to exist from previous drilling in the area at this depth. Maximum anticipated bottom hole pressure equals 5,673 psi.

8. Drilling Activity and Auxiliary Equipment:

A. Drilling Activity:

Anticipated Commencement Date: January 20, 1986

Drilling Days : Approximately 90 days

Completion Days : Approximately 30 days

The operator will contact the Grand Resource Area at (801) 259-8193, forty-eight (48) hours prior to beginning any dirt work on this location.

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 District Manager. If operations are to be suspended, prior approval of the District Manager will be obtained and notification given before resumption of operations.

The spud date will be reported orally to the Area Manager within a minimum of twenty-four (24) hours prior to spudding. Written notification in the form of a Sundry Notice (Form 3160-5) will be submitted to the District Office within twenty four (24) hours after spudding. If the spudding occurs on a weekend or holiday, the written report will be submitted on the following regular work day.

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

8. Drilling Activity and Auxiliary Equipment: Con't.

the well is physically plugged and abandoned. This report will be filed directly with the BLM District Office, P. O. Box 970; Moab, Utah 84532.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported to the Resource Area in accordance with requirements of NTL-3A.

If the replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed for prior approval of the District Manager, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig. In emergency situations, verbal approval to bring on a replacement rig will be approved by the District Petroleum Engineer.

Should the well be successfully completed for production, the District Manger shall be notified when the well is placed in a producing status. Scuh notification will be sent by telegram or other written communication, not later than five (5) business days following the date on which the well is placed on production.

A first production conference will be scheduled within fifteen (15) days after receipt of the first production report. The Resource Area Office will coordinate the field conference.

No well abandonment operations will be commenced without the prior approval of the District Manager. In the case of newly-drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the District Petroleum Engineer. A "Subsequent Report of Abandonment" (Form 3160-5) will be filed with the District Manger within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the Area Manager or his representative, or the appropriate surface managing agency.

Approval to vent/flare gas during initial well evaluation will be obtained from the District Office. This preliminary approval will not exceed thirty days or 50 MMCF gas. Approval to vent/flare beyond this initial test period will require District office approval pursuant to guidelines in NTL-4A.

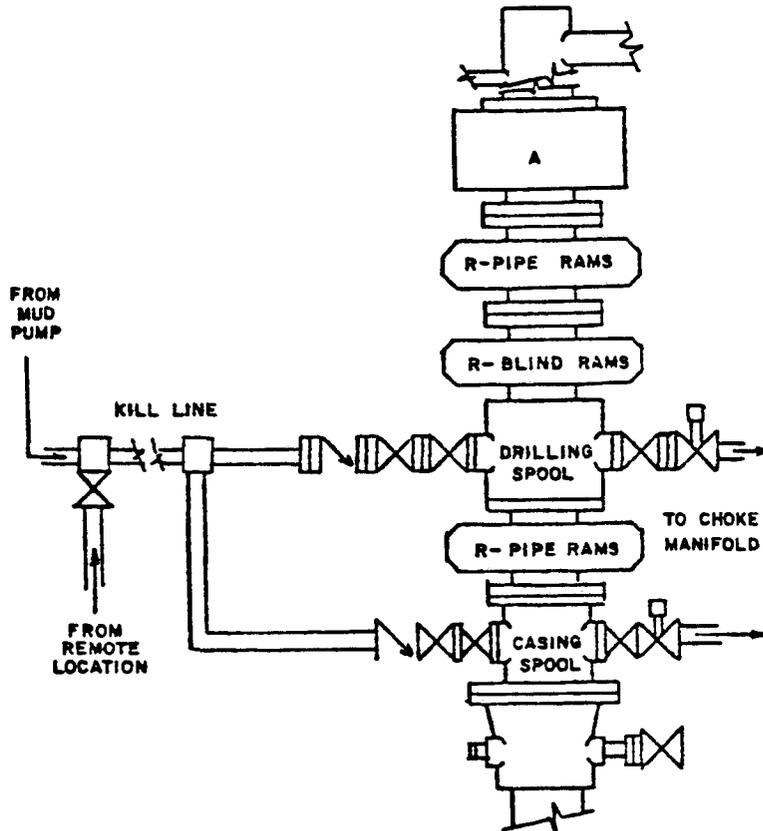
Upon completion of approved plugging, a regulation marker will be erected in accordance with 43 CFR 3162.6. A four-foot marker will be installed and

8. Drilling Activity and Auxiliary Equipment: Con't.

the top of the marker will be closed or capped.

The following minimum information will be permanently placed on the marker plate, cap or beaded on with a welding torch; "Fed" or "Ind", as applicable, "Well No., Location by 1/4 1/4 Section, Township, and Range". "Lease No."

## 5,000 psi Working Pressure BOP



**NOTE:** Lines from Casing Spool are for EMERGENCY ONLY

### 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 lower pipe rams to rated pressure.
- 5) Close and test Hydril to rated pressure.
- 6) Close and test upper pipe rams to rated pressure.
- 7) Back off and leave test plug in place. Close and test blind rams to rated pressure.
- 8) Test all choke manifold valves to rated pressure.
- 9) Test kill line valves to rated pressure.

## BOP ACTUATING SYSTEM

- 1) Accumulator capacity will supply 1½ times volume necessary to close all BOP equipment units with a minimum pressure of 203 psi above pre-charge pressure.
- 2) Accumulator back up system, supplied by a secondary power source independent of primary power source, will be provided with sufficient capacity to close all blowout preventers.
- 3) Locking devices will be provided on ram type preventers.
- 4) Primary BOP actuating control will be hydraulic and located either in the dog house or on the rig floor. Back up control will be provided by hand-wheel manual operation of BOP.

## CHOKE MANIFOLD

All valves and fittings will be rated at 5000# working pressure.

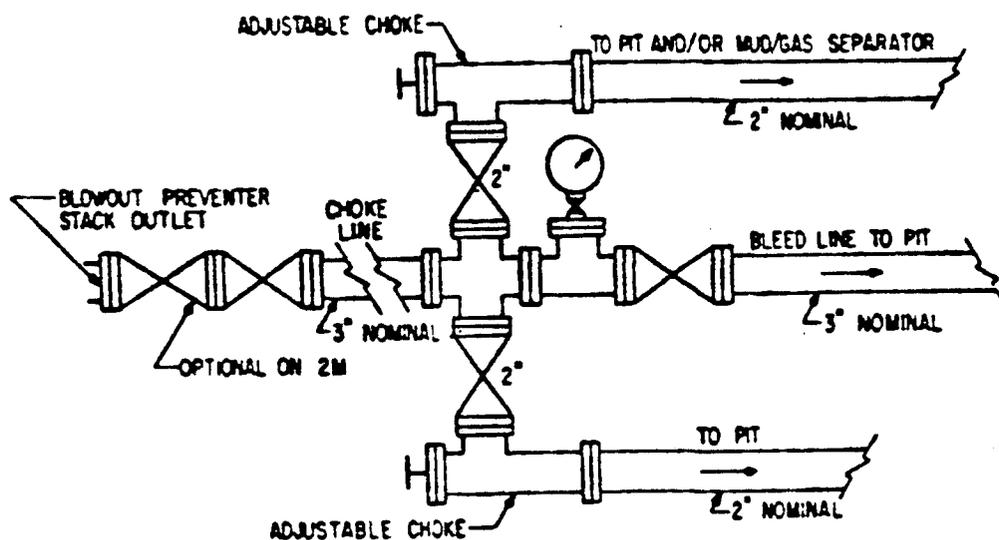


FIG. 3.A.1  
TYPICAL CHOKE MANIFOLD ASSEMBLY

Coastal Oil & Gas Corporation

Lease #U-55571, 1-29-29-26K Federal  
NE $\frac{1}{4}$ NE $\frac{1}{4}$ , Section 29, T29S, R26E  
San Juan County, Utah

Thirteen-Point Surface Use and Operations Plan

1. Existing Roads: Refer to Map "A" (Shown in RED)

- A. The proposed well site is staked and the surveyors plat attached. Two 200-foot reference stakes are present. The well site is located approximately 10.5 miles southeast of La Sal, Utah.
- B. To reach the location from the La Sal post office; proceed east/northeast approximately 8.6 miles on Utah Highway 46, thence south/southeast approximately 4.1 miles on San Juan County Road #163, thence south approximately 1.8 miles on an existing unimproved dirt road, thence generally northeast and then south approximately 2.2 miles on an existing, unimproved dirt road, thence south/southwest approximately 0.3 mile to the location.
- C. Access roads - refer to Maps "A" and "B".
- D. Access roads within a one-mile radius - refer to Map "B".
- E. The existing roads will be maintained in the same or better condition as existed prior to commencement of operations and said maintenance will continue until final abandonment and reclamation of the well location.

2. Planned Access Roads: Refer to Map "B" (Shown in GREEN)

Approximately 4.0 miles of existing, unimproved dirt trail will require upgrading and approximately 0.3 mile of new road construction will be required for access to the proposed location.

- A. Width - 18-foot running surface, flat-bladed for drilling operations.
- B. Maximum grade - 10%.
- C. Turnouts - as required by the BLM.
- D. Drainage design - if production is established, the road will be crowned and ditched with water turnouts installed as required by the BLM.
- E. Culverts, cuts and fills - no culverts will be required. Cuts or fills of approximately six (6) feet are anticipated.
- F. Surfacing material - native materials from construction of access road will be sufficient for drilling. No outside construction materials will be required. If production is obtained, surfacing material(s) for the access road will be purchased from a local supplier having a permitted source of materials, if required.
- G. Gates, cattleguards or fence cuts - none required.
- H. Other: The access road will be constructed to Class III BLM Standards; the company can construct access road to a lesser standard over winter but upgrade when commercial production is established.
- I. The new access road is flagged.

2. Con't.  
Surface disturbance and vehicular travel will be limited to the approved location and access road. Any additional area needed will be approved by the Area Manager in advance.

The access road will be rehabilitated or brought to Resource (Class III) Road Standards within sixty (60) days of dismantling of the drilling rig. If this time frame cannot be met, the Area Manager will be notified so that temporary drainage control can be installed along the access road.

3. Location of Existing Wells Within a One-Mile Radius:

- A. Water wells - none known.
- B. Abandoned wells - none known.
- C. Temporarily abandoned wells - none.
- D. Disposal wells - none.
- E. Drilling wells - none.
- F. Producing wells - none known.
- G. Shut-in wells - none.
- H. Injection wells - none.
- I. Monitoring wells - none.

4. Location of Existing and/or Proposed Facilities Owned by Coastal Oil & Gas Corporation Within a One-Mile Radius:

- A. Existing
  - 1. Tank batteries - none.
  - 2. Production facilities - none.
  - 3. Oil gathering lines - none.
  - 4. Gas gathering lines - none.
- B. New Facilities Contemplated (Refer to Figure #3)
  - 1. All production facilities will be located on the disturbed portion of the well pad and at a minimum of 25 feet from the toe of the back cut or top of the fill slope.
  - 2. Production facilities will require an area approximately 300' X 150'
  - 3. Production facilities will be accommodated on the well pad. Construction materials needed for installation of the production facilities will be obtained from the site; any additional materials needed will be purchased from a local supplier. A dike will be completely constructed around the production facilities (i.e., production tanks, produced water tanks and/or heater treater). The dikes for the production facilities will be constructed of compacted subsoil, be impervious, and be independent of the back cut.

4. Location of Existing and/or Proposed Facilities Owned by Coastal Oil & Gas Corporation Within a One-Mile Radius: Con't.

- C. The production pit will be fenced with 4 strands of barbed wire and held in place by side posts and corner 'H' braces in order to protect livestock and wildlife.
- D. During drilling and subsequent operations, all equipment and vehicles will be confined to the access road, well pad and any additional areas specified in the A.P.D.
- E. Reclamation of the disturbed areas no longer needed for operations will be accomplished by grading, leveling and seeding as recommended by the BLM.
- F. All permanent (on-site for six (6) months or longer) structures constructed or installed (including oil well pump jacks) will be painted a flat, non-reflective, earth tone color to match the standard environmental colors, as determined by the Rocky Mountain Five State Inter-agency Committee. All facilities will be painted within six (6) months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded. Colors will be as follows:

Juniper Green (Munsell Standard Environmental Color)

- G. If a tank battery is constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain 1 1/2 times the storage capacity of the battery.
- H. All loading lines and valves will be placed inside the berm surrounding the tank battery.
- I. All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.
- J. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the District Manager.
- K. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed.
- L. Gas meter runs for each well will be located within five hundred (500) feet of the wellhead. The gas flowline will be buried from the wellhead to the meter along with any other sections occurring on the pad. Meter runs will be housed and/or fenced.
- M. The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three (3) months on new meter installations and at least quarterly thereafter. The Area Manager will be provided with a date and time for the initial meter calibration and all future meter-proving schedules. A copy of the meter calibration reports will be submitted to the Resource Area Office. All meter measurement facilities will conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

5. Location and Type of Water Supply:

- A. Water for drilling will be obtained from a reservoir located in the SW $\frac{1}{4}$ NW $\frac{1}{4}$  of Section 36, T28S, R25E. Application for a temporary water use permit will be filed with the office of the Utah State Engineer prior to diversion.
- B. Water will be hauled over existing roads via tank truck from the point of diversion to the proposed location. No new construction will be required on/along the water haul route. Any off-lease Federal lands crossed on/along the water haul route will be covered under a separate R/W application.
- C. No water well will be drilled on this location.
- D. Water obtained on private land, or land administered by another agency, will require approval from the owner or agency for use of the land.

6. Source of Construction Materials:

- A. No additional construction materials will be needed for well pad construction; surface and sub-surface soils will be sufficient. Refer to Item #2F regarding construction material required on the access road.
- B. The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3. Source of construction material will be located on lease. No construction materials will be taken from Indian lands.
- C. If production is established, any construction materials needed for surfacing access road and installation of production facilities will be purchased from a local supplier.
- D. No new access roads for construction materials will be required.

7. Methods of Handling Waste Material Disposal:

- A. Cuttings - the cuttings will be deposited in the reserve pit.
- B. Drilling fluids - contained in reserve pit and allowed to evaporate. The reserve pit will be designed to prevent the collection of surface runoff and will be constructed with a minimum of one-half (1/2) the total depth below the original ground surface on the lowest point within the pit.
- C. Produced fluids - hydrocarbons produced during completion operations will be placed in test tanks on the location. Produced waste water will be confined to an unlined pit for a period not to exceed ninety (90) days after initial production. During the ninety (90) day period, an application for approval of a permanent disposal method and location, along with the required water analysis, will be submitted for the District Manager's approval pursuant to Onshore Oil and Gas Order No. 3 (NTL-2B). Any spills of oil, gas, salt water or other noxious fluids will be cleaned up and removed to an approved disposal site.

7. Methods of Handling Waste Material Disposal: Con't.

- D. Sewage - a bore hole approximately 30 feet deep will be provided for sewage disposal. Upon completion of operations, the contents will be chemically treated and covered with a minimum of six feet of fill.
- E. Garbage and other waste material - all garbage and inflammable wastes/trash will be contained in a portable trash container and disposed of weekly. If burning is required, a permit will be obtained from the State Fire Warden in San Juan County, Monticello, Utah. No trash will be placed in the reserve pit.
- F. After the rig moves out, all materials will be cleaned up and no adverse materials will be left on the location. Any open pits will be fenced during drilling and kept fenced until such time as the pits are backfilled.
- G. Three sides of the reserve pit will be fenced with 4 strands of barbed wire before drilling starts. The fourth side will be fenced as soon as drilling is completed. The fence will be kept in good repair while the pit is drying.
- H. The reserve pit will not be lined.

8. Ancillary Facilities:

None

9. Wellsite Layout:

- A. Figure #1 shows the drill site layout as staked, showing the location of the trash cage, reserve pit, and pad access point. Cross-sections have been drafted to visualize the planned cuts and fills across the location (refer to Figure #2). Approximately two (2) inches of topsoil will be stockpiled for future reclamation of the well site. Refer to Figure #1 for the location of the topsoil stockpile (north/northeast side of location).
- B. Figure #1 is a diagram showing the rig layout. No permanent living facilities are planned. There will be three trailers on location; one each for mud logger, toolpusher, and geologist.
- C. Figure #3 shows the proposed production facilities layout.
- D. Topsoil along the access road will be reserved in place adjacent to the road.

10. Plans for Reclamation of the Surface:

- A. Backfilling, leveling and re-contouring are planned as soon as the reserve pit dries. Immediately upon completion of drilling, the location and surrounding areas will be cleared of all remaining debris, materials, trash, and junk not required for production. Waste and spoil materials will be disposed of

10. Plans for Reclamation of the Surface: Con't.

- A. Con't.  
immediately upon completion of drilling and workover activities. If production is established, the un-needed areas of the location will be reclaimed as soon as the reserve pit dries. For production, the fill slopes will be reduced from a 1.5:1 to a 2.5:1 slope and the cut slopes will be reduced from a 1:1 to 2:1 slope by pushing the fill material back into the cut. Before any dirt work to restore the location and surrounding area, they will be cleared of all remaining debris, materials, trash and junk not required for production.
- B. The operator or his contractor will notify the Grand Resource Area at (801) 259-8193 forty eight (48) hours before starting reclamation work that involves earthmoving equipment and upon completion of restoration measures.
- C. All disturbed areas will be re-contoured to the approximate natural contours. Upon completion of backfilling, leveling and re-contouring, the stockpiled topsoil will be evenly spread over the reclaimed area(s). Prior to re-seeding, all disturbed areas, including the access roads, will be scarified and left with a rough surface. Seed will be broadcast or drilled at a time specified by the BLM. If broadcast, a harrow or some other implement will be dragged over the seeded area to assure seed coverage. All disturbed surfaces (including access road and well pad areas) will be re-seeded using the seed mixture recommended by the BLM.
- D. If any oil is on the pits and is not immediately removed after operations cease, the pit containing the oil or other adverse substances will be flagged overhead or covered with wire mesh.
- E. The reclamation operations will begin after the drilling rig is removed. Removal of oil or other adverse substances will begin immediately or area will be flagged and fenced. Other cleanup will be done as needed. Planting and re-vegetation is considered best in Fall, 1986, unless requested otherwise.

11. Surface Ownership:

The well site and proposed access road are situated on surface and minerals owned by the United States of America and administered by:  
Area Manager  
Grand Resource Area Office  
Bureau of Land Management  
P. O. Box 970  
Moab, Utah 84532  
(801) 259-8193

12. Other Information:

- A. The project area is situated on the south side of Wray Mesa, east of Horsethief Canyon, and northeast of the Lisbon Valley. This area is characterized by moderately undulated uplands to the north and severely undulated uplands to the south. Large sandstone boulders are common on the shallow, sandy soil which is covered with angular sandstone gravels. Flora consists of native grasses and forbs, mormon tea, yucca, prickly pear cactus, juniper, and pinyon pine. Fauna consists of elk, mule deer, antelope, coyotes, raptors, rabbits, and various smaller vertebrates.
- B. The primary surface use is for grazing.
- C.
  - 1. The closest source of permanent water is La Sal Creek, located approximately five (5.0) miles to the north.
  - 2. The closest occupied dwellings are located at the Pine Lodge Ranch: NW $\frac{1}{4}$ , Section 36, T28S, R25E.
  - 3. There are no known archeological, historical or cultural sites that will be disturbed by this drilling operation.

In the event cultural resources are observed during construction and operations, they will be left intact and the Area Manager, Bureau of Land Management, Moab, Utah will be notified.

- 4. There will be no deviation from the proposed drilling and/or workover program without prior approval from the District Manager. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, will be identified in accordance with 43 CFR 3162.2.
- 5. "Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3164.
- 6. The dirt contractor will be provided with an approved copy of the surface use plan.
- 7. This permit will be valid for a period of one (1) 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:

- |  |  |
|--|--|
| * Heitzman Drill-Site Services<br>Dale Heitzman/Robert M. Anderson<br>P. O. Box 3579<br>Casper, WY 82602<br>(307) 266-4840 | Coastal Oil & Gas Corporation<br>Harold E. Aab, District Drilling Mgr.<br>P. O. Box 749<br>Denver, CO 80201-0749<br>(303) 573-4458 |
|--|--|
- \* Contact for the pre-drill inspection and additional information if required.

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 currently 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 and its contractors and sub-contractors in conformity with this 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.

20 DECEMBER 1985  
Date

  
Robert M. Anderson/Agent

## RESOURCE ROADS

### (CLASS III ROADS)

#### SECTION 1

#### SURVEY AND DESIGN

Definition - Resource roads are those existing or proposed roads which serve the development of a very limited area (i.e. one or two oil or gas wells) of a depletable natural resource. When the purpose for which the road was constructed no longer requires access, the road will be rehabilitated unless otherwise directed by BLM.

#### 1. Field Survey Requirements

- (A) Establish a flag line along the route of construction. The flag line shall be sufficiently marked to insure construction control. Flag intervals shall not exceed 100 feet, or be intervisible whichever is less.

#### 2. Design Requirements

All Resource roads constructed by non-government entities across public lands must be designed by or under the direction of a licensed professional engineer. BLM Manual 9113.06 F.

- (A) Design speed 15 mph.
- (B) Travel way width - minimum 16 feet, maximum 20 feet (exceptions may be made to width requirements if approved by BLM prior to construction).
- (C) Minimum horizontal curve radius, 115 feet (maximum degree of curve 50 degrees unless a shorter radius is approved by BLM prior to construction).
- (D) The road shall be outsloped from 2 to 4 percent on side hill sections where the cross slope is greater than 10 percent but less than 65 percent, the road grade is less than 10 percent and the soil contains over 50 percent rock or gravel. On all other side hill sections the road shall have an inside ditch.
- (E) Maximum grade 10 percent (except pitch grades\*).
- (F) Turnouts (on roads having a travel surface width of less than 20 feet) shall be located at intervals of 1,000 feet or within sight distance, whichever is less.

\* Pitch grades are defined as those grades exceeding 10% which are necessary because of topography, i.e. low water crossings. Such grades shall not extend over 300 feet in length, nor shall they be used to circumvent the intent of these stipulations. Maximum pitch grade shall be 16 percent.

RESOURCE ROADS  
(CLASS III ROADS)

SECTION 2

CONSTRUCTION STANDARDS

1. Public Convenience and Safety

The Company shall take all necessary precautions for the protection of the work and safety of the public during construction of the road.

Warning signs shall be posted wherever directed during blasting operations.

2. Clearing and Grubbing

Clearing and grubbing shall be carried out on all sections of the road where side slopes are less than 60 percent.

All clearing and grubbing shall be confined to the limits of actual construction unless otherwise authorized by the BLM. Branches of trees extending over the roadbed shall be trimmed to give a clear height of 16 feet above the roadbed surface. All perishable material resulting from clearing and grubbing operations shall be disposed of as specified at the pre-drill conference.

3. Excavation

Prior to beginning excavation and fill placement operations, all vegetation or debris within the designated limits of the roadway, except such objects as are designated to remain in place, are to be removed and disposed of as provided in Paragraph #2. All suitable material removed during excavation operation shall be used as far as practicable in the formation of the embankments and for other purposes as directed by the BLM, i.e. topsoil, stockpiling.

4. Embankment Construction

Embankment material shall not be placed when either the materials or the surface on which they will be placed are frozen or too wet (as determined by BLM) for satisfactory compaction. The Contractor shall route his construction equipment over the layers of embankment material already in place to avoid uneven compaction anywhere along the travel route.

Borrow material shall not be used until all of the accessible roadway excavation has been placed in the embankments unless otherwise permitted by the BLM.

Roadside ditches shall conform to the slope, grade and shape of the required cross section, with no projections of roots, stumps, rocks or similar matter. Roadside ditches shall be "V" type ditches excavated to a depth of one foot minimum, below finished road surface. Roadside ditch backslopes shall not be cut flatter than 1½:1. Roadside ditch "turn outs" shall be constructed at intervals not exceeding 500 feet when the cross slope does not exceed 5 percent.

All slopes, shoulders and road surfaces shall be finished smoothly and in accordance with the lines and grades shown on the drawings.

#### 5. Drainage Dip Construction

Drainage dips shall be spaced in accordance with the following table:

<u>Road Grade %</u>	<u>Drainage Dip Spacing in Feet</u>
2	300
4	230
6	200
8	170
10	160

Culvert pipes shall be used for cross drains on grades in excess of 10 percent.

This table is intended as a guide only and may require adjustment in the field for site-specific conditions.

#### (A) Construction Requirements

Construction shall be as specified in paragraphs 3 and 4, and as shown on the drawings.

#### 6. Seeding

- (A) The Company shall carry out erosion control items of vegetation establishment during the season established for seeding. Vegetation establishment shall be completed on areas of disturbance as they are completed if actual construction is being accomplished during the seeding season.

Seeding shall be carried out on all of the areas described as follows:

- (1) On cut slopes, and shall extend from the bottom of the ditch to the top of the cut slope.
- (2) On embankment slopes, and shall extend from the roadway shoulder to the toe of the embankment slope.
- (3) On all borrow pit areas.
- (4) On all "side cast" in areas of full bench construction.

- (B) Seeding season shall be from September 15 to December 15, or as otherwise allowed by the BLM.

(C) Seed application will be by seed drill or broadcasted and harrowed; other methods will require prior BLM approval.

(D) Species and application rates are as follows:

Type of Grass Seed

Application Rate\*

THE COMPANY SHALL COMPLETE CONSTRUCTION OF THIS ROAD IN ACCORDANCE WITH ALL STIPULATIONS AND HAVE IT APPROVED BY BLM PRIOR TO WELL SPUDGING.

## SECTION 3

### ROAD MAINTENANCE STANDARDS

The completed road shall be maintained to the following standards as applicable for the term of use.

#### 1. Travel Way

- (A) Roadbed is smooth, free of ruts, chuckholes, rocks, slides, washboards; crowned and/or sloped for drainage.
- (B) Free from excessive accumulation of dust pockets or layers which are a driving hazard or public nuisance.
- (C) Berms shall be absent along the shoulder.
- (D) Soft spots, such as those resulting from springs and seeps, shall be absent.

#### 2. Shoulders

- (A) Shoulders are straight and present a uniform line with the surface free from large rocks, limbs, or stumps.

#### 3. Ditches and Drainage Dips

- (A) Original cross section shall be maintained. Drainage area clear of rocks, slides and sediments.
- (B) Vegetation or sedimentation does not restrict ditch flow or reduce the waterway area.
- (C) Ditch bottom is stable and is not excessively eroded.
- (D) Back slope area above ditches is stable.

#### 4. Other Related Road Features

- (A) Right-of-way free of excessive or objectional litter.

#### 5. Fences, Gates and Cattleguards

- (A) Posts are sound, plumb and secure.
- (B) Wire is tight and securely fastened to the posts.
- (C) Stays are uniformly spaced and vertical between posts and affixed to keep the strands properly spaced.
- (D) Rock deadmen are properly secured to the fence.

- (E) Gates are free from deterioration, damage to structural sections or loose hardware.
- (F) Cattleguard pits are clean and functional. End wings securely fastened and serviceable. Guard and base in serviceable condition.

6. Fords and Low Crossings

- (A) There is a smooth transition between road and ford.
- (B) No excessive erosion adjacent to the structure.
- (C) The surface of the structure is clear of debris, brush, rocks and sediment.
- (D) Bottom of crossing is level with stream bottom.

7. Safety and Hazard Control

- (A) Sight distance free of shrubs, trees and obstacles and meets design standards.
- (B) Travel way and ditches free of overhanging trees and limbs. No down trees or branches in ditch area.
- (C) No unstable material above the roadway.

SECTION 4

ROAD RECLAMATION STANDARDS

1. Natural contours will be restored wherever practical. Roads with significant cuts will have fill material placed back onto cut sections using care not to mix topsoils with base material.
2. All road surfaces shall be ripped, scarified, or otherwise roughened as directed by BLM to insure increased water infiltration and a properly prepared seed bed.
3. All road berms will be removed and recontoured.
4. Waterbars will be used on all sloping surfaces as shown below:

<u>Grade</u>	<u>Spacing</u>
2%	200 ft. spacing
2-4%	100 ft. spacing
4-5%	75 ft. spacing
+5%	50 ft. spacing

5. Rehabilitated areas will be seeded as follows:

<u>Species</u>	<u>Rate *</u>
----------------	---------------

\* These rates will increase 2.5 times if broadcast.

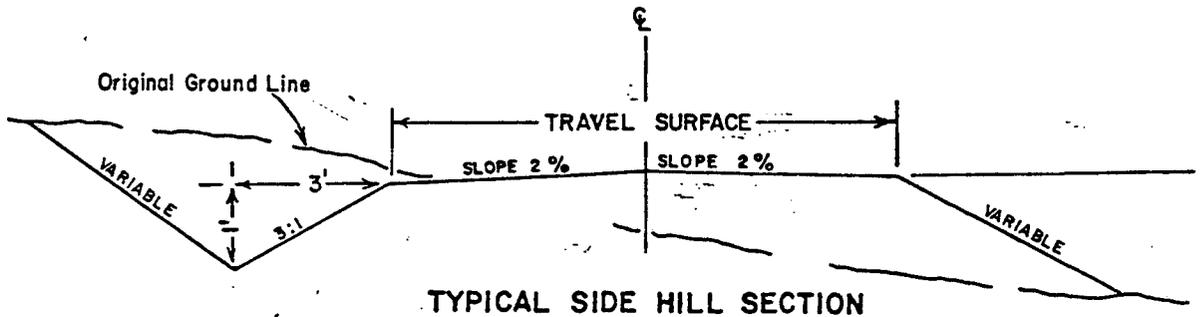
- (G) Culverts shall be used when they are the only alternative to drainage control.
- (H) Drainage control shall be insured over the entire road through the use of natural rolling topography, ditch turn outs, drainage tips, outsloping, or culverts.

The Company shall submit to the BLM two copies of a road location map prior to beginning construction. The map shall show the location and size of all culverts planned. Review of the road plan will be done by the BLM at or prior to the pre-drill conference.

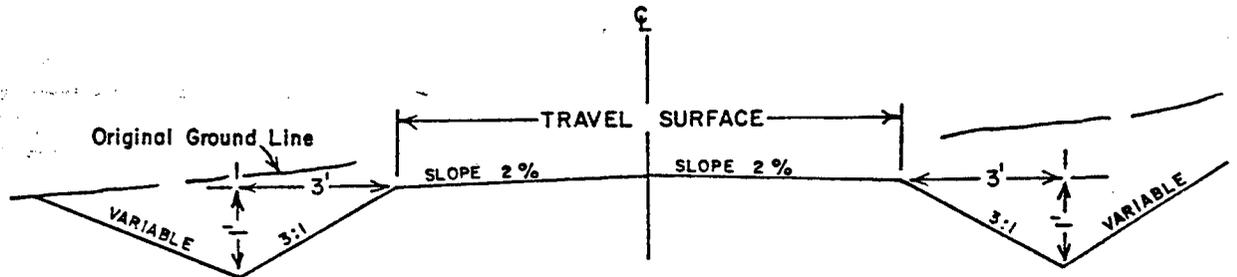
### 3. Construction Control

The road shall be constructed along the approved flag line.

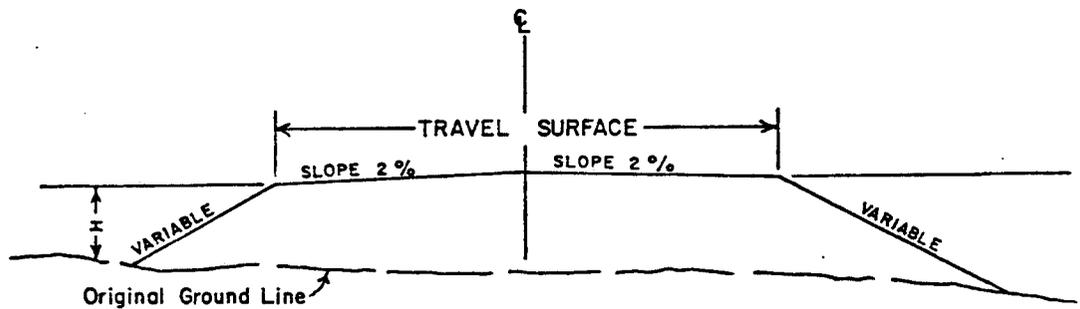
THE COMPANY SHALL PROVIDE A COMPETENT ON SITE INSPECTOR DURING CONSTRUCTION OF THE ROAD TO INSURE COMPLIANCE WITH ALL STIPULATIONS. THE INSPECTOR SHALL BE DESIGNATED AT THE PRE-DRILL CONFERENCE, AND SHALL BE GIVEN AN APPROVED COPY OF ALL MAPS AND STIPULATIONS PRIOR TO START OF CONSTRUCTION. THE BLM WILL ALSO DESIGNATE A REPRESENTATIVE FOR THE PROJECT AT THE PRE-DRILL CONFERENCE.



TYPICAL SIDE HILL SECTION



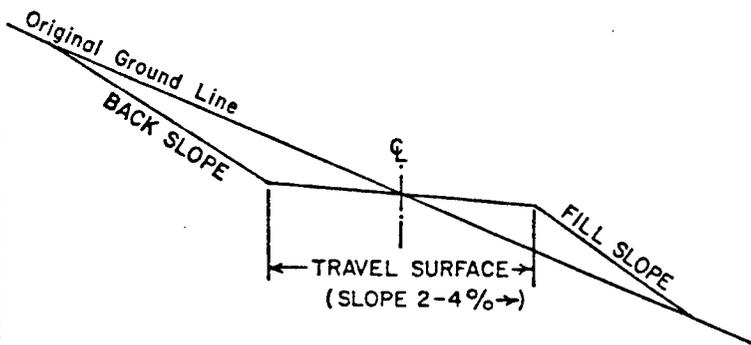
TYPICAL FULL CUT SECTION



TYPICAL EMBANKMENT SECTION

<u>Soil Conditions</u>	<u>Natural Ground Slope</u>	<u>Back Slope</u>
Normal Soil	0 - 30 %	1 1/2 : 1
Normal Soil	30 - 55 %	1 : 1
Normal Soil	55 % and over	3/4 : 1
Solid Rock	All Slopes	1/4 : 1

When the cuts are relatively shallow (under 4 feet), flatter slopes of 2 to 1 or 3 to 1 may be used.



TYPICAL OUTSLOPED SECTION

U. S. DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

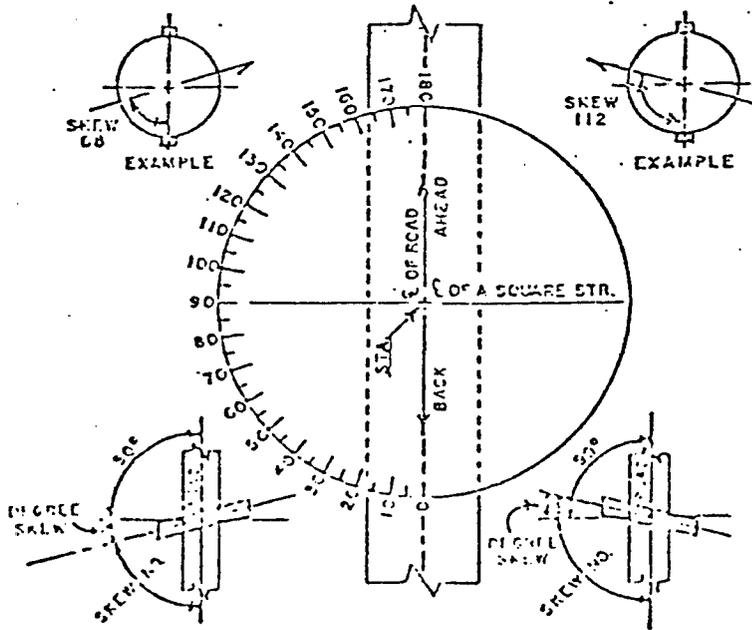
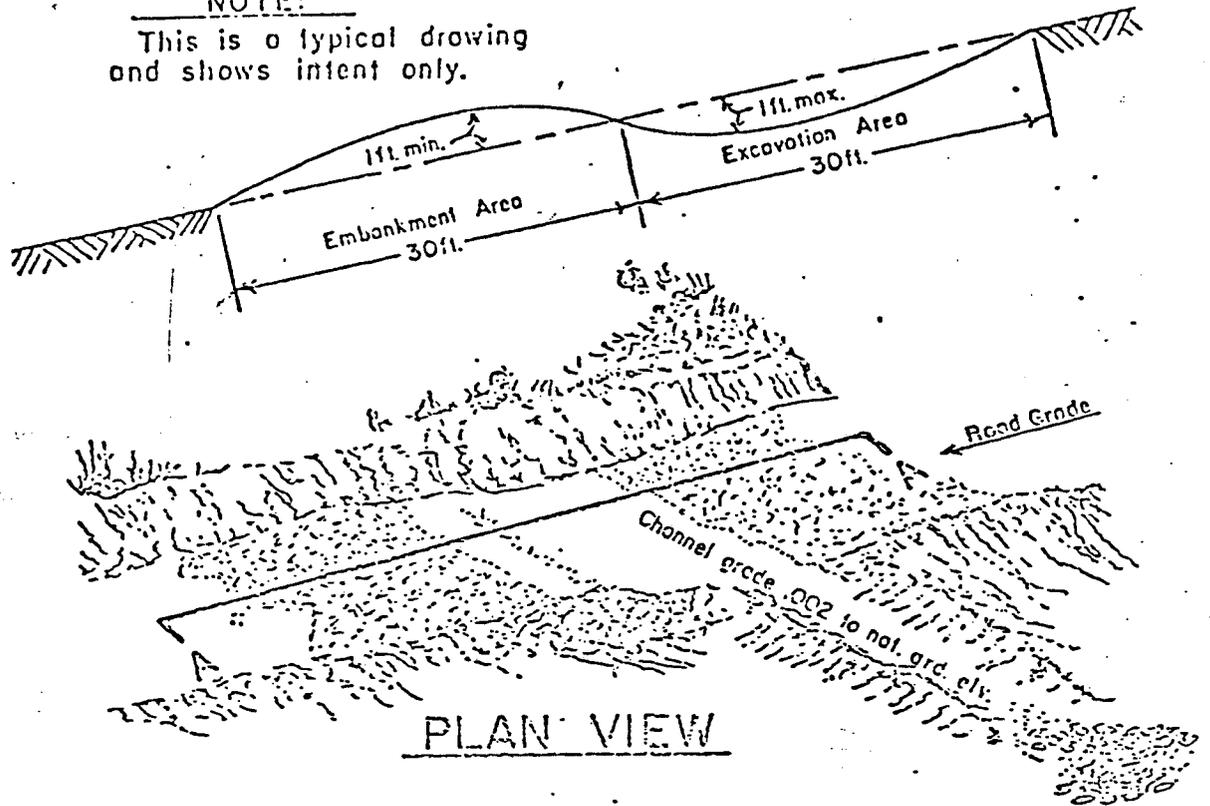
TYPICAL ROAD SECTIONS  
(Class III)

DESIGNED <u>R.A.D.</u>	RECOMM. _____
DRAWN <u>J.H.S.</u>	RECOMM. <u>Robert A. Pella</u>
CHECKED <u>RAD</u>	APPROVED <u>Colin P. White</u>

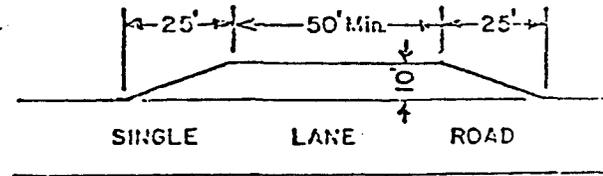
SCALE NONE
DATE <u>8-5-81</u> SHEET <u>    </u> OF <u>    </u>
DRAWING NO. _____

# TYPICAL DRAINAGE DIP SECTION A-A

NOTE:  
This is a typical drawing  
and shows intent only.



SKEW NUMBER DEFINITION  
(Culverts and Drainage Dips)



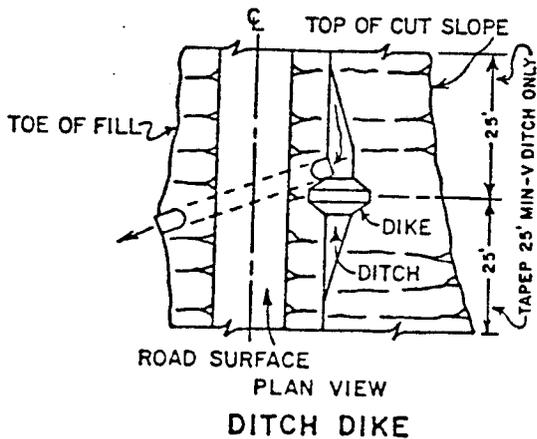
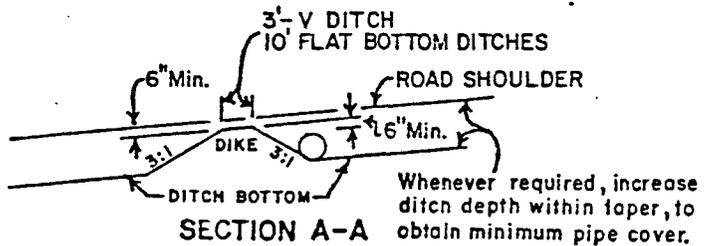
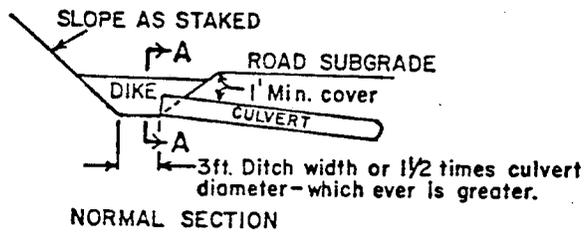
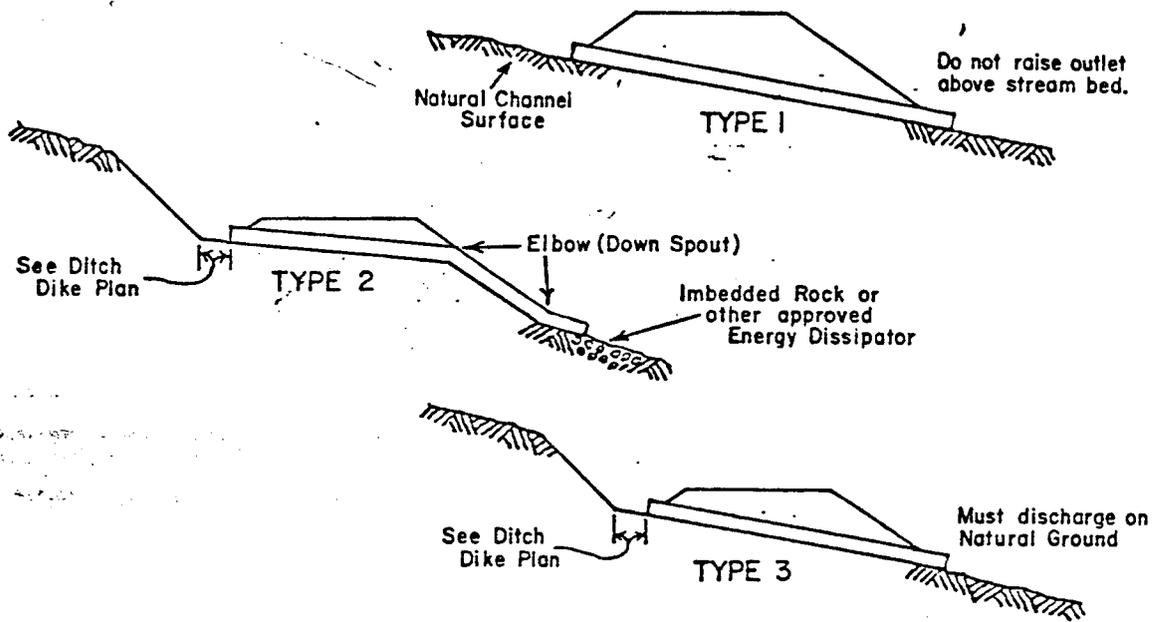
TYPICAL TURNOUT

U. S. DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

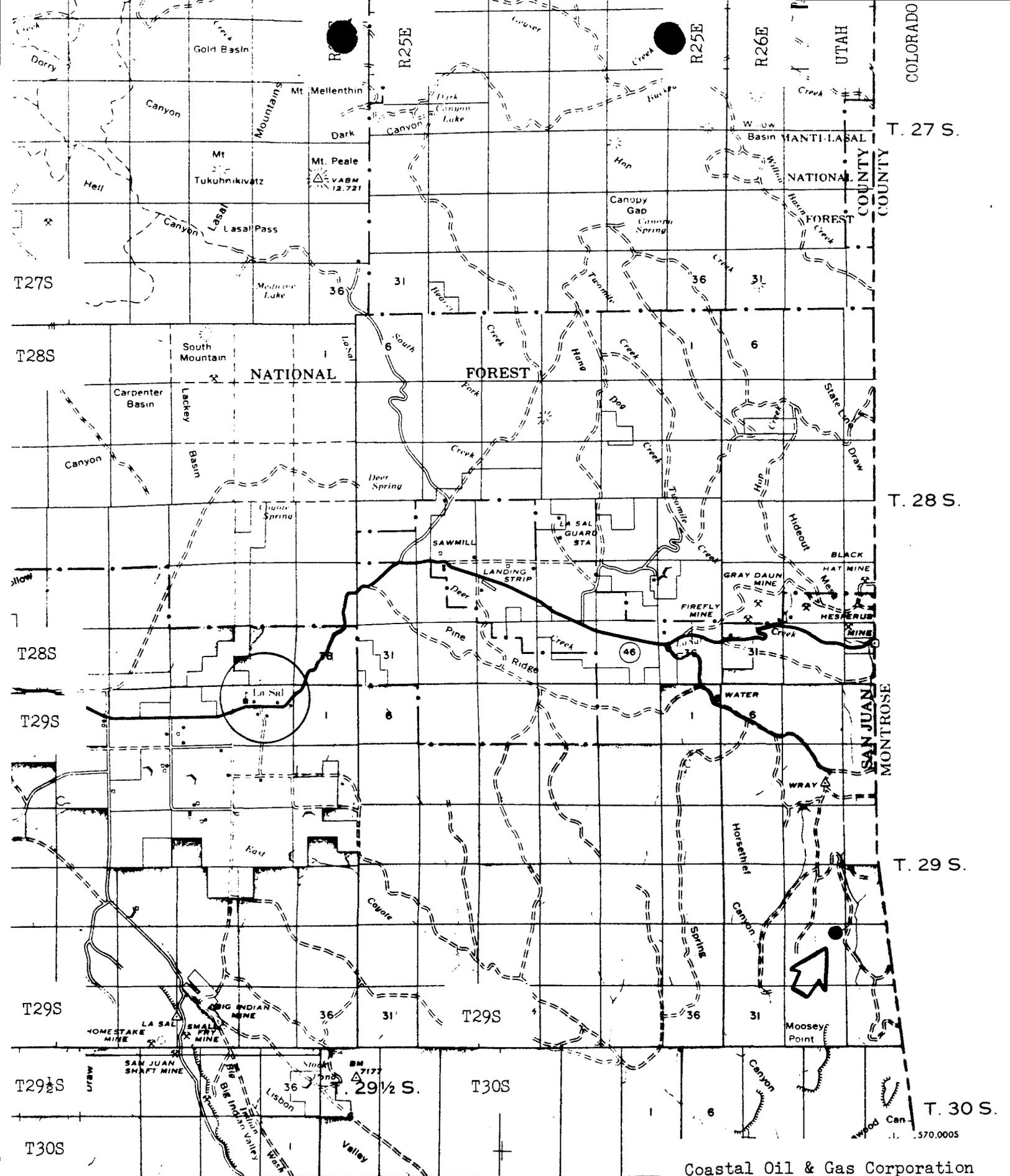
## TYPICAL ROAD SECTIONS

DESIGNED R.A.D.	RECOMM. _____
DRAWN <u>J.H.S.</u>	RECOMM. <u>Robert G. Park</u>
CHECKED <u>R.A.D.</u>	APPROVED <u>[Signature]</u>

SCALE NONE	
PLAN <u>B-5-81</u>	SHEET <u>01</u>
DRAWING NO.	



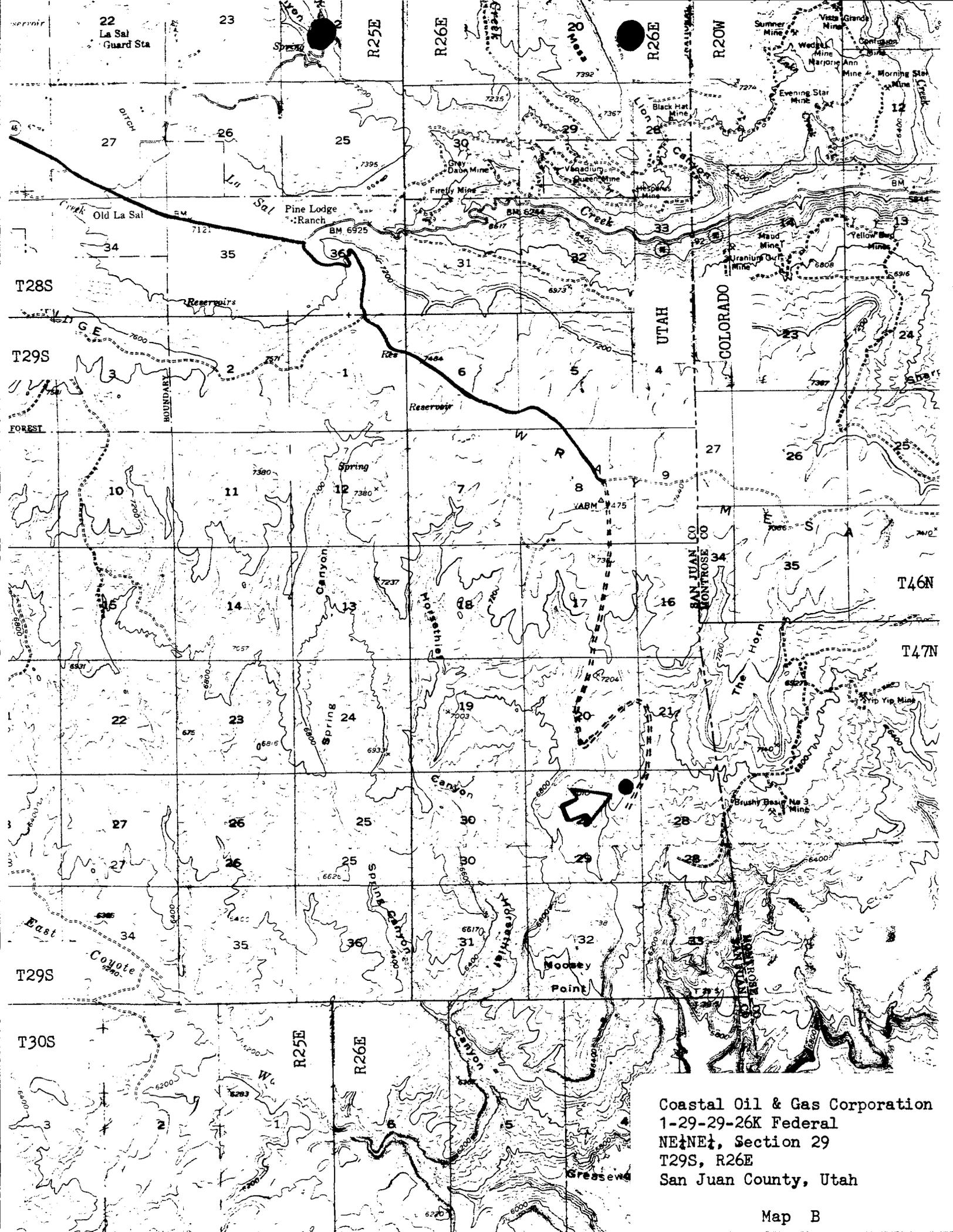
U. S. DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT	
<b>TYPICAL CULVERT INSTALLATIONS</b>	
DESIGNED <u>R.A.D.</u>	RECOMM. _____
DRAWN <u>J.H.S.</u>	RECOMM. <u>John G. Dallas</u>
CHECKED <u>AD</u>	APPROVED <u>Chas. P. Child</u>
SCALE NONE	
DATE <u>8-5-81</u>	SHEET _____ OF _____
DRAWING NO. _____	



Coastal Oil & Gas Corporation  
 1-29-29-26K Federal  
 NE¼NE¼, Section 29  
 T29S, R26E  
 San Juan County, Utah

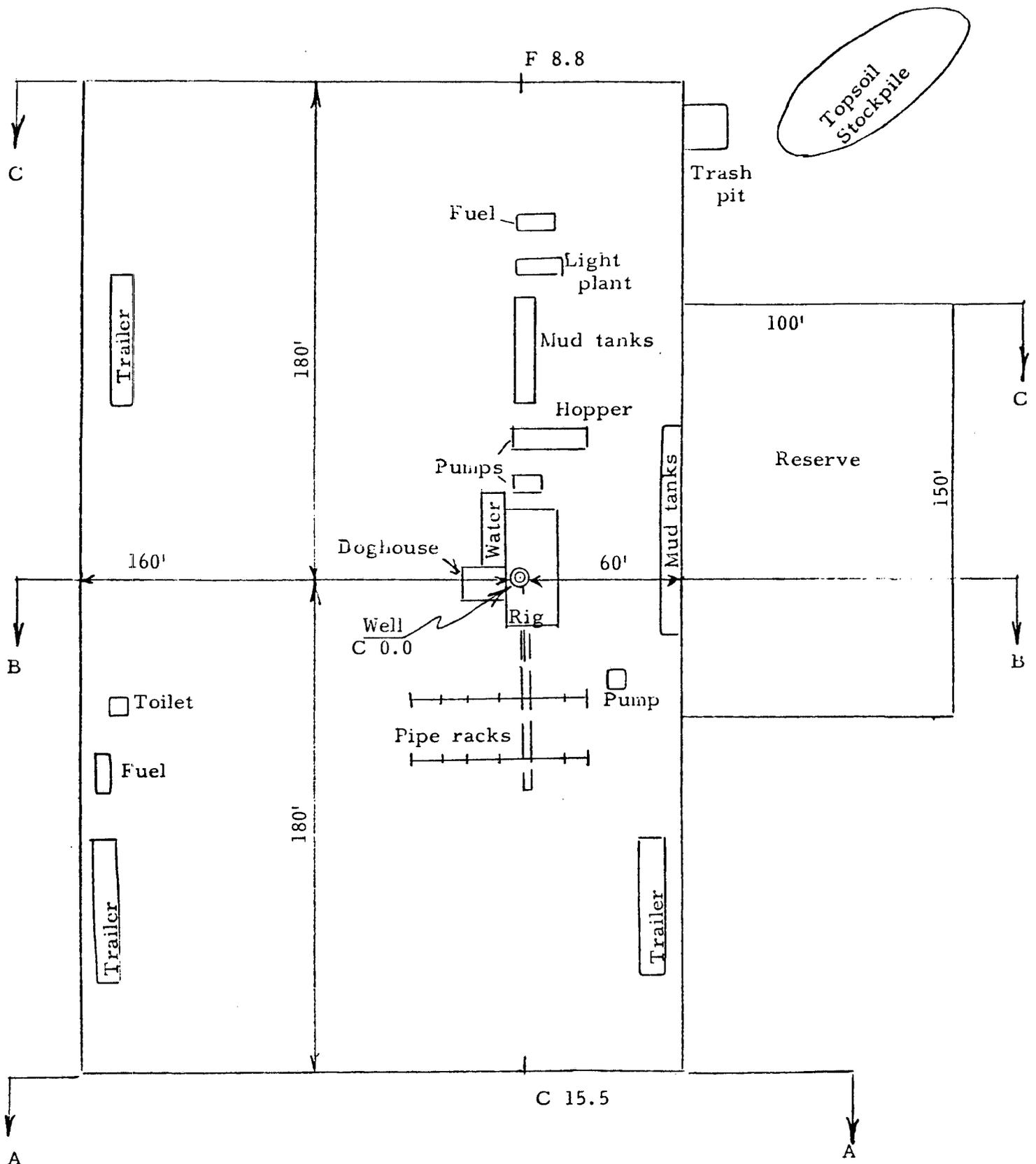
JUNE 1975

Map A



Coastal Oil & Gas Corporation  
 1-29-29-26K Federal  
 NE1/4NE1/4, Section 29  
 T29S, R26E  
 San Juan County, Utah

Map B



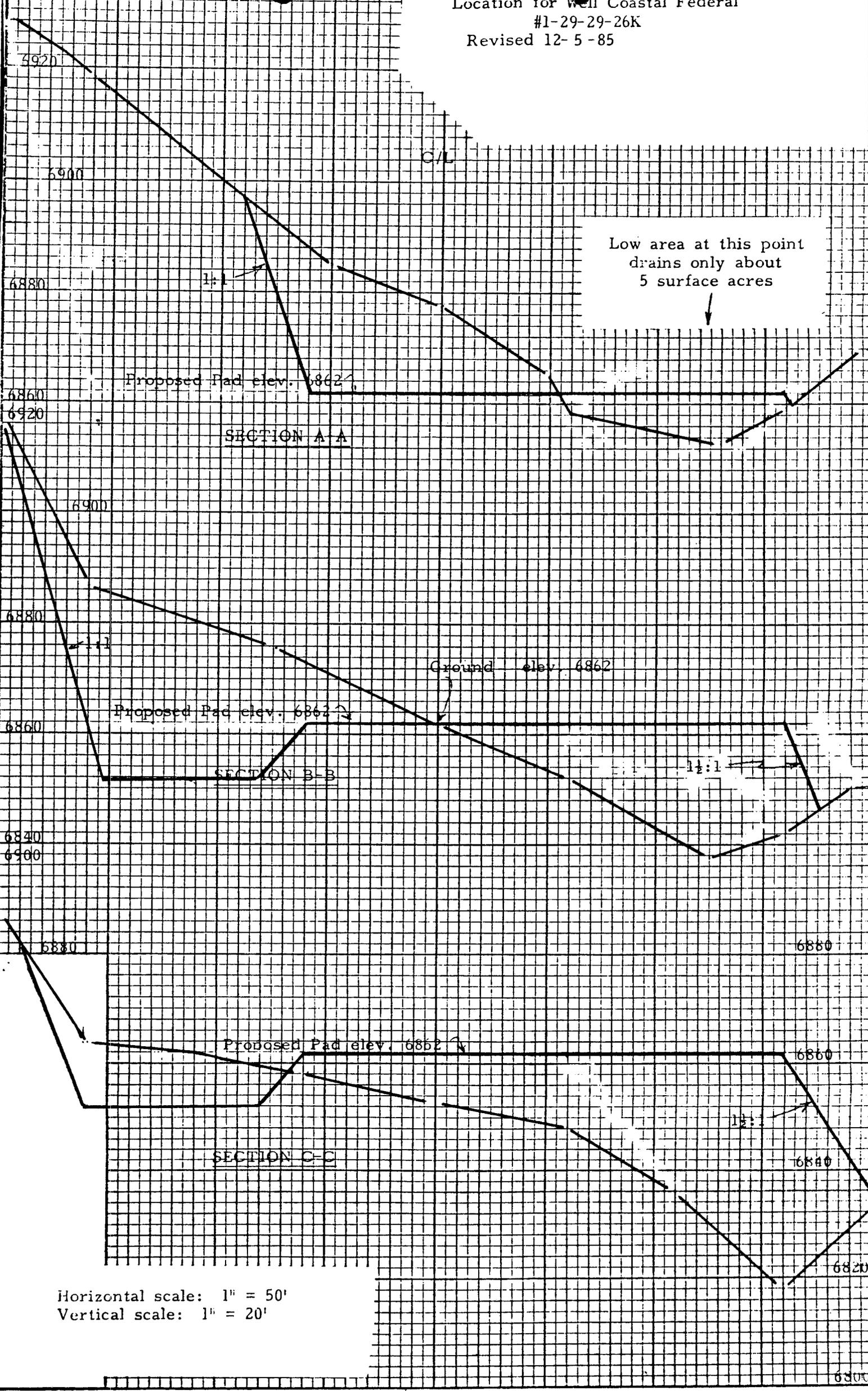
Note: Location shown and staked is a size typical for a triple tower rig.

Scale: 1" = 50'



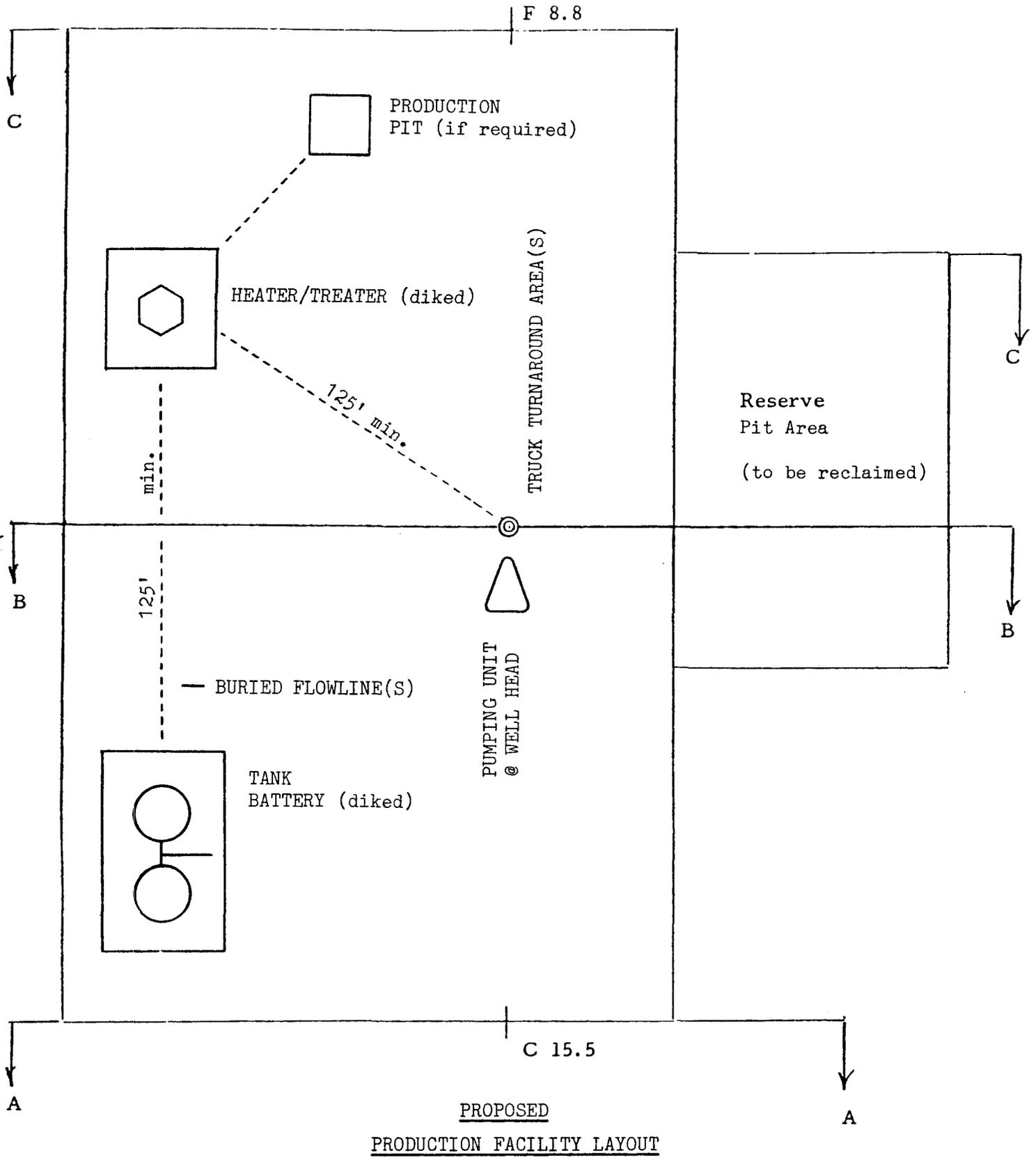
**THOMAS** Engineering Inc.

215 N. Linden  
 Cortez, Colorado  
 565-4496



Horizontal scale: 1" = 50'  
Vertical scale: 1" = 20'

FIGURE # 2



Note: Location shown and staked is a size typical for a triple tower rig.

Scale: 1" = 50'



N

**THOMAS** Engineering Inc.

215 N. Linden  
 Cortez, Colorado  
 565-4496

OPERATOR Coastal Oil & Gas Corp. DATE 12-31-85

WELL NAME Fed. 1-29-29-26K

SEC NE NE 29 T 29S R 26E COUNTY San Juan

43-037-31239  
API NUMBER

Fed.  
TYPE OF LEASE

CHECK OFF:

PLAT

BOND

NEAREST WELL

LEASE

FIELD

POTASH OR OIL SHALE

PROCESSING COMMENTS:

No other well in T. 29S 26E  
Need water permit

APPROVAL LETTER:

SPACING:

203

UNIT

302

CAUSE NO. & DATE

302.1

STIPULATIONS:

1- Water



**Coastal Oil & Gas Corporation**  
a subsidiary of The Coastal Corporation

600 17th Street—Suite 800 S  
P. O. Box 749  
Denver, Colorado 80201-0749

303/572-1121

December 26, 1985

Utah Natural Resources  
Division of Oil, Gas & Mining  
355 West North Temple, Suite 350  
3 Triad Center  
Salt Lake City, Utah 84180

Re: Federal 1-29-29-26K  
600' FNL, 600' FEL  
NE NE Section 29-T29S-R26E  
San Juan County, Utah  
Lease #U-55571

Gentlemen:

Enclosed is Notice of Intent to drill the referenced well.

Please send approved copy in the stamped self-addressed envelope enclosed for your convenience.

Yours very truly,

Anne M. Dyer  
Operations Analyst  
Denver District Drilling Department

d

Enclosure

RECEIVED

DEC 30 1985

DIVISION OF OIL  
GAS & MINING



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

January 6, 1986

Coastal Oil & Gas Corporation  
P. O. Box 749  
Denver, Colorado 80201-0749

Attention: Anne Dyer

Gentlemen:

Re: Well No. Federal 1-29-29-26K - NE NE Sec. 29, T. 29S, R. 26E  
600' FNL, 600' FEL - San Juan County, Utah

Approval to drill the above-referenced well is hereby granted in accordance with Rule 302, Oil and Gas Conservation General Rules, subject to the following stipulations:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water as required by Chapter 3, Title 73, Utah Code Annotated.

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

1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or R. J. Firth, Associate Director, (Home) 571-6068.
4. Compliance with the requirements and regulations of Rule 311.3, Associated Gas Flaring, General Rules.

Page 2  
Coastal Oil & Gas Company  
Well No. Federal 1-29-29-26K  
January 6, 1986

5. Prior to commencement of the proposed drilling operations, plans for toilet facilities and the disposal of sanitary waste at each drill site shall be submitted to the local health department having jurisdiction. Any such drilling operations and any subsequent well operations must be conducted in accordance with applicable State and local health department regulations. A list of all local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of General Sanitation, telephone (801) 533-6163.
6. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-037-31239.

Sincerely,



R. J. Firth  
Associate Director, Oil & Gas

as  
Enclosures  
cc: Branch of Fluid Minerals  
Dianne R. Nielson

020406

3162 (U-065)  
(U-55571)

Dull

Moab District  
P. O. Box 970  
Moab, Utah 84532

JAN 29 1987

RECEIVED  
FEB 02 1987

Coastal Oil and Gas Corporation  
P. O. Box 749  
Denver, CO 80201-0749

DIVISION OF  
OIL, GAS & MINING

Re: Rescinding Application for  
Permit to Drill  
Well No. Federal 1-29-29-26K  
Sec. 29, T. 29 S., R. 26 E.  
San Juan County, Utah  
Lease U-55571

13-037-31239

Gentlemen:

The Application for Permit to Drill the referenced well was approved on January 14, 1986. Since that date, no known activity has transpired at the approved location.

Applications for permit to drill are effective for a period of one year. In view of the foregoing, this office is rescinding the approval of the referenced application.

Should you intend to drill this location at a future date, a new application for permit to drill must be submitted.

If you have any questions, please contact the Branch of Fluid Minerals (801) 259-6111.

Sincerely yours,

/S/ GENE NODINE

District Manager

cc:

State of Utah, Division of Oil, Gas and Mining ✓  
Grand Resource Area

bcc:

U-942, Utah State Office

CFreudiger/cf 1/28/87



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

020406

February 6, 1987

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

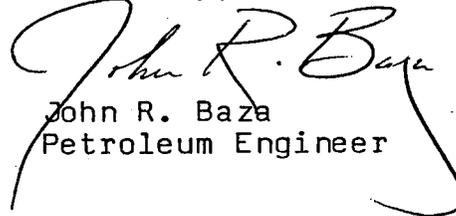
Gentlemen:

RE: Well No. Federal #1-29-29-26K, Sec.29, T.29S, R.26E,  
San Juan County, Utah, API NO. 43-037-31239

In concert with action taken by the U.S. Bureau of Land Management, 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 future drilling of 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,

  
John R. Baza  
Petroleum Engineer

sb

cc: BLM-Moab  
D. R. Nielson  
R. J. Firth  
Well file

0327T-46

870210