

## UTAH OIL AND GAS CONSERVATION COMMISSION

|                     |                                   |                     |                  |                      |             |                |                 |
|---------------------|-----------------------------------|---------------------|------------------|----------------------|-------------|----------------|-----------------|
| REMARKS             | WELL LOGS                         | ELECTRIC LOGS       | FILE             | X                    | WATER SANDS | OPERATION TEST | SUB REPORT WELL |
| DATE FILED          | DECEMBER 15, 1994                 |                     |                  |                      |             |                |                 |
| LAND FEE & PATENTED | FEE                               | STATE LEASING       | PUBLIC LEASE NO. |                      |             | INDIAN         |                 |
| DRILLING APPROVED   | JANUARY 17, 1995                  |                     |                  |                      |             |                |                 |
| SPUDDED IN          |                                   |                     |                  |                      |             |                |                 |
| COMPLETED           | PUT TO PRODUING                   |                     |                  |                      |             |                |                 |
| INITIAL PRODUCTION  |                                   |                     |                  |                      |             |                |                 |
| GRAVITY API         |                                   |                     |                  |                      |             |                |                 |
| CFR                 |                                   |                     |                  |                      |             |                |                 |
| PRODUCING ZONES     |                                   |                     |                  |                      |             |                |                 |
| TOTAL DEPTH         |                                   |                     |                  |                      |             |                |                 |
| WELL ELEVATION      |                                   |                     |                  |                      |             |                |                 |
| DATE ABANDONED      | LA'D 1-31-95 PER OPERATOR REQUEST |                     |                  |                      |             |                |                 |
| FIELD               | ALTAMONT FIELD                    |                     |                  |                      |             |                |                 |
| UNIT                | NA                                |                     |                  |                      |             |                |                 |
| COUNTY              | DUCHESNE                          |                     |                  |                      |             |                |                 |
| WELL NO             | UPPER SANDWASH #2-20A3            |                     |                  | API NO. 43-013-31483 |             |                |                 |
| LOCATION            | 1695' FSL                         | FT FROM (N) IS LINE | 922' FWL         | FT FROM (E) (W) LINE | NW SW       | 1/4 - 1/4 SEC  | 20              |

| TWP | RGE | SEC | OPERATOR | TWP | RGE | SEC | OPERATOR               |
|-----|-----|-----|----------|-----|-----|-----|------------------------|
|     |     |     |          | 1S  | 3W  | 20  | COASTAL OIL & GAS CORP |



**Coastal**  
The Energy People

December 14, 1994

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

ATTN: Mike Hebertson

Re: Upper Sandwash #2-20A3  
NW/SW Section 20, T1S-R3W  
Duchesne County, Utah

Dear Mike,

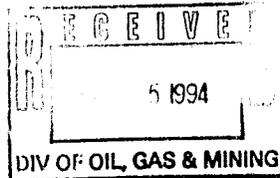
Enclosed is the Application for Permit to Drill (APD), the Drilling Program, and plats (including the cut and fill) for the subject well. Copies of these documents have also been faxed to the State office in Roosevelt.

I have scheduled a pre-site with Dave Hackford on December 19, 1994 at 9:00 AM. It is necessary to permit this well as soon as possible. Please contact me at (303) 573-4476 if I can expedite the processing in any way, or if you have any questions. Your assistance in this matter is greatly appreciated.

Sincerely,

Bonnie Johnston  
Environmental Analyst

Enc.



**Coastal Oil & Gas Corporation**

A SUBSIDIARY OF THE COASTAL CORPORATION  
600 17TH ST • STE 800 S • PO BOX 749 • BEAVER CREEK, CO 81623 • 303-573-1121

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

**APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK**

1. Lease Designation and Serial No. \_\_\_\_\_  
 Fee \_\_\_\_\_  
 6. If Indian, Alutian or Tribe Name N/A  
 7. Unit Agreement Name N/A  
 8. Farm or Lease Name Upper Sandwash  
 9. Well No. #2-20A3  
 10. Field and Pool, or Wildcat Altamont/Bluebell  
 11. (M, Sec., T., R., or BLS, and Survey or Area) NW/SW Section 20, T1S-R3W  
 12. County or Parish Duchesne  
 13. State Utah

14. Type of Work **DRILL**  **DEEPEN**  **PLUG BACK**

15. Type of Well **Oil Well**  **Gas Well**  **Other**  **Single Zone**  **Multiple Zone**

1. Name of Operator Coastal Oil & Gas Corporation  
 2. Address of Operator P.O. Box 749, Denver, CO 80201-0749  
 3. Location of Well (Report location clearly and in accordance with any State requirements.) 922' FWL & 1695' FSL  
 At proposed prod. zone Same as above  
 4. Distance in miles and direction from nearest town or post office About 3 miles northeast of Altamont, Utah  
 16. Distance from proposed location to nearest property or lease line, ft. 375' from lease line  
 (Also to nearest dir. line, if any) (922' from drilling line) 40  
 17. No. of acres assigned to this well 640  
 18. Distance from proposed location to nearest well, drilling, completed, or applied for, on this lease, ft. 3000'  
 19. Proposed depth 15,550'  
 20. Rotary or cable tools rotary  
 21. Elevations (Show whether DF, RT, GR, etc.) 6372' GR  
 22. Approx. date work will start Upon approval

**PROPOSED CASING AND CEMENTING PROGRAM**

| Size of Hole | Size of Casing | Weight per Foot | Setting Depth | Quantity of Cement |
|--------------|----------------|-----------------|---------------|--------------------|
| 17-1/2"      | 13-3/8"        | 54.5            | 0-200'        | 260 sx Premium "G" |
| 12-1/4"      | 9-5/8"         | 40.0            | 0-6000'       | 1360 sx            |
| 8-3/4"       | 7"             | 26.0            | 5800-13350'   | 968 sx             |
| 6-1/8"       | 5"             | 18.0            | 13050-15550'  | 250 sx             |

Coastal Oil & Gas Corporation proposes to drill a well to 15,550' to test the Wasatch. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per State of Utah requirements.

Coastal Oil & Gas Corporation is considered to be the operator of the subject well. It agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.

Bond coverage pursuant to 43CFR 3104 for lease activities is being provided by Coastal Oil & Gas Corporation under their Nationwide Bond No. CO-0018 and U605382-9, and Bond No. 102103.

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 location, if any.

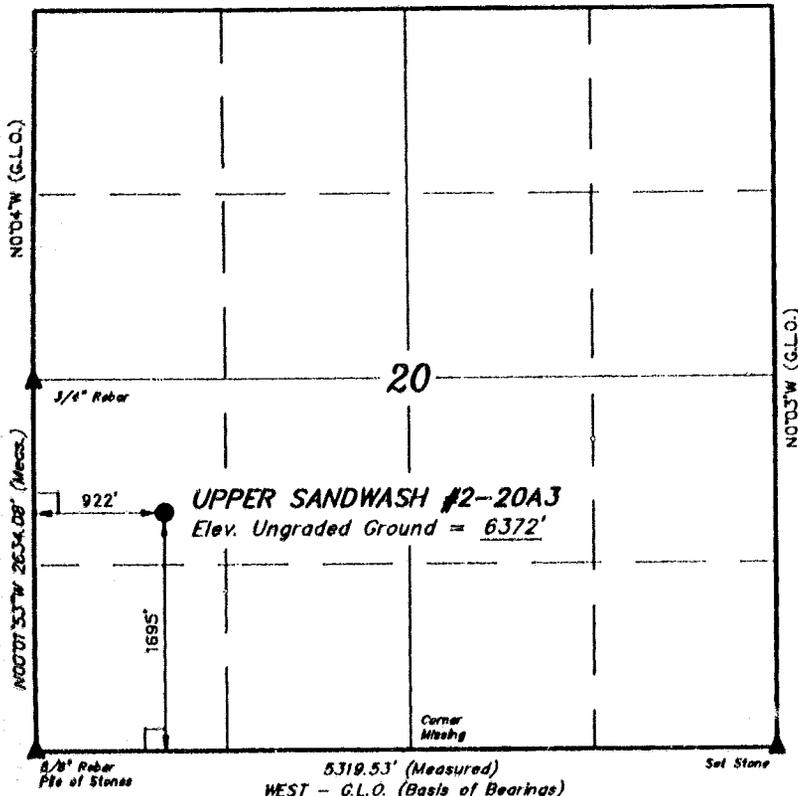
I, hereby certify that this report is true and complete to the best of my knowledge.  
 Signature: *Bonnie Johnston* Title: Environmental Analyst Date: 12/14/94

(This space for Federal or State office use)  
 API No. 43-013-31453 Approval Date: \_\_\_\_\_  
 Approved by: \_\_\_\_\_ Title: \_\_\_\_\_  
 Conditions of approval, if any: \_\_\_\_\_

THE STATE OF UTAH  
 DIVISION OF OIL, GAS, AND MINING  
 DATE: 1/17/95  
 BY: *John Matthews*  
 WELL SPACING: *R. 139-42*

T1S, R3W, U.S.B.&M.

N89°59'W - 80.02 (G.L.O.)

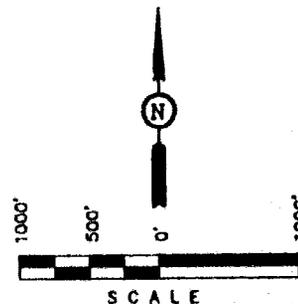


COASTAL OIL & GAS CORP.

Well location, UPPER SANDWASH #2-20A3, located in the NW 1/4 SW 1/4 of Section 20, T1S, R3W, U.S.B.&M. Duchesne County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION LOCATED IN THE NW 1/4 OF SECTION 20, T1S, R3W, 6th P.M. TAKEN FROM THE BLUEBELL QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 6397 FEET.



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 A. Gray*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 401310  
 STATE OF UTAH

|  |                                 |                         |
|--|---------------------------------|-------------------------|
| <b>UINTAH ENGINEERING &amp; LAND SURVEYING</b><br>85 SOUTH 200 EAST - VERNAL, UTAH 84078<br>(801) 789-1017 |                                 |                         |
| SCALE<br>1" = 1000'  | DATE SURVEYED:<br>12-12-94      | DATE DRAWN:<br>12-13-94 |
| PARTY<br>D.A. J.S. D.J.S.  | REFERENCES<br>G.L.O. PLAT       |                         |
| WEATHER<br>COLD  | FILE<br>COASTAL OIL & GAS CORP. |                         |

LEGEND:

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

**Upper Sandwash #2-20A3  
922' FWL & 1695' FSL  
NW/SW, SECTION 20, T1S-R3W  
Duchesne County, Utah**

**DRILLING PROGRAM**

The proposed wellsite is on State Surface/State Minerals.

An onsite inspection for the subject well will be conducted on December 19, 1994 at 9:00 AM.

1. Estimated Tops of Important Geologic Markers:

| <u>Formation</u>  | <u>Depth</u> |
|-------------------|--------------|
| Uintah            | Surface      |
| Lower Green River | 10,540'      |
| Wasatch           | 11,870'      |
| Total Depth       | 15,550'      |

2. Proposed Casing Program:

The proposed casing program will be as follows:

| <u>Purpose</u> | <u>Depth</u>   | <u>Hole Size</u> | <u>Csg Size</u> | <u>Wt/ft</u> | <u>Grade</u> | <u>Type</u>    |
|----------------|----------------|------------------|-----------------|--------------|--------------|----------------|
| Surface        | 200'           | 17-1/2"          | 13-5/8"         | 54.5         | J-55         | LT&C           |
| Product.       | 6000'          | 12-1/4"          | 9-5/8"          | 40           | S-95         | BT&C &<br>LT&C |
|                | 5800-13,350'   | 8-3/4"           | 7"              | 26           | S-95         | LT&C           |
|                | 13,050-15,550' | 6-1/8"           | 5"              | 18           | S-95         | H521           |

Casing design is subject to revision based on geologic conditions encountered.

3. The cement program will be as follows:

| <u>Surface</u> | <u>Fill</u> | <u>Type and Amount</u>                              |
|----------------|-------------|---|
| 13-3/8"        | 200'        | Premium "G", 15.6ppg, 1.18 cu.ft/sx yld, 260 sx     |
| 9-5/8"         | 4300'       | Xtreme Lite cmt, 10.1ppg, 4.92 cu.ft/sx yld, 700 sx |
|                | 1200'       | Premium HLC, 12.7ppg, 1.83cu.ft/sx yld, 400 sx      |
|                | 500'        | Premium "G", 15.6ppg, 1.18cu.ft/sx yld, 260 sx      |

Production

|    | <u>Fill</u> | <u>Type and Amount</u>                                       |
|----|-------------|--|
| 7" | 1000'       | Silicalite, 11.0ppg, 2.98 cu.ft/sx yld, 130 sx               |
|    | 5550'       | Silicalite, 10.5ppg, 3.51 cu.ft/sx yld, 638 sx               |
|    | 1000'       | Silicalite, 12.0ppg, 2.02 cu.ft/sx yld, 200 sx               |
| 5" | 2500'       | Premium "G" w/35% silica, 15.9ppg, 1.51 cu.ft/sx yld, 250 sx |

Upper Sandwash #2-20A3  
Drilling Program  
Page 2

4. Drilling Fluids Program

The proposed circulating mediums to be employed in drilling are:

| <u>Interval</u> | <u>Type</u>     | <u>WT</u> | <u>VISCOSITY</u> |
|-----------------|-----------------|-----------|------------------|
| 0-5800'         | Air mist/water  | 8.4       | 28               |
| 5800-6000'      | LSND            | 8.5-8.7   | 29-30            |
| 6000-8000'      | Air mist/water  | 8.21      | 35-40            |
| 8000-13350'     | Water to LSND   | 8.4-10    | 35-40            |
| 13350-15550'    | LSND to Wtd mud | 10-14     | 40-45            |

5. Evaluation Program

Logging Program:

Dual Laterlog & Sonic

TD to base of intermediate casing

AIT/SONIC

TD to base of intermediate casing

Drill Stem Tests: None anticipated

Cores: None anticipated

The evaluation program may change at the discretion of the wellsite geologist.

6. Spud Date/Drilling Time

Drilling is planned to commence immediately upon approval of this application.

Estimated drilling time for this well is approximately 8 - 10 days.

7. Road Use/Water Source

The ownership of the existing roads and proposed roads will be determined at the on-site inspection.

Dalbo, Inc. will supply water from the Duchesne River located in the NE1/4 of Section 1, T2S-R4W. The water right is #43-101-68.

8. Pressure Control Equipment (Schematic Attached)

Type: 11" Double Gate Hydraulic with one blind ram (above) and one pipe ram (below) and 11" annular preventor; equipped with automatic choke manifold and 11" casing head.

Pressure Rating: 5,000 psi BOP, 5,000 psi choke manifold, 5,000 psi Annular Preventor and 5,000 psi casing head.

9. Anticipated Pressures

Maximum anticipated bottomhole pressure approximately equals 6220 psi (calculated at 0.4 psi/foot) and maximum anticipated surface pressure equals approximately 3421 psi (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot). No abnormal pressures are anticipated.

No hydrogen sulfide gas is anticipated.

10. Reserve Pit

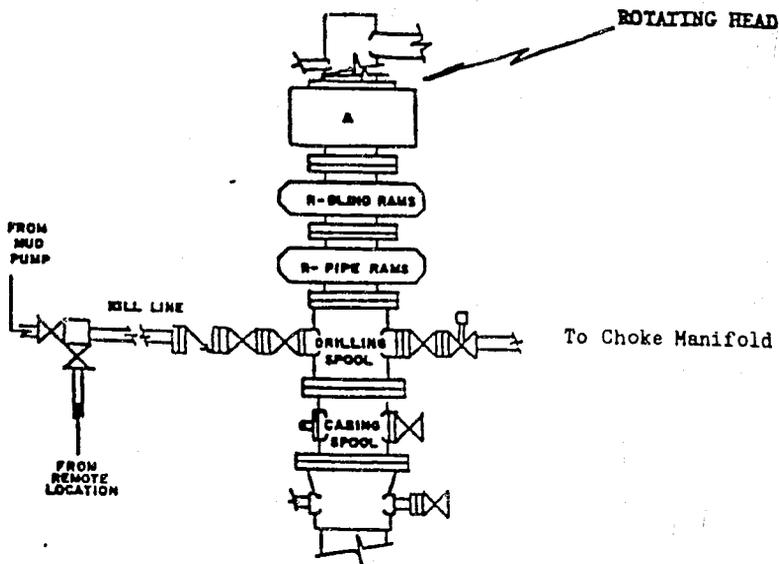
The location sits near a number of natural springs and constructed ponds. Due to the proximity of surface water, the reserve pit will be lined with a plastic liner of at least 12 mil.

In addition, the location will be bermed with an 18" soil berm to prevent any spills or fluids from flowing across the pad and down toward the drainages.

11. Archaeological Report

No archaeological study was performed.

## 5,000 psi Working Pressure BOP



### Test Procedure

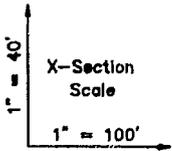
- 1) Flush BOP's and all lines to be tested with water.
- 2) Run test plug on test joint and seat in casing head (leave valve below. test plug open to check for leak).
- 3) Test the following to rated pressure:
  - a) inside blowout preventer
  - b) lower kelly cock
  - c) upper kelly cock
  - d) stand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



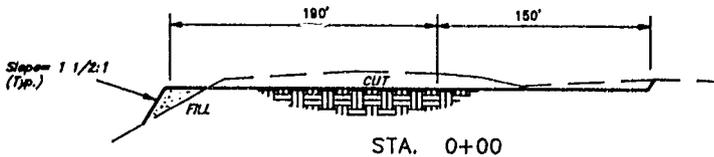
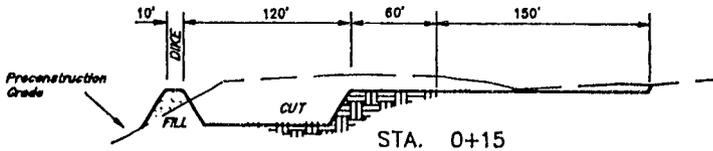
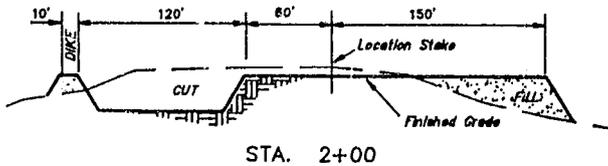
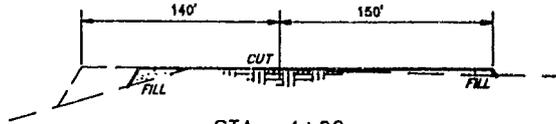
# DASTAL OIL & GAS CORP.

## TYPICAL CROSS SECTIONS FOR

UPPER SANDWASH #2-20A3  
SECTION 20, T1S, R3W, U.S.B.&M.  
1695' FSL 922' FWL



DATE: 12-13-94  
DRAWN BY: D.J.S.



### APPROXIMATE YARDAGES

CUT  
(6") Topsoil Stripping = 2,450 Cu. Yds.  
Remaining Location = 11,310 Cu. Yds.  
  
TOTAL CUT = 13,760 CU.YDS.  
  
FILL = 7,050 CU.YDS.

EXCESS MATERIAL AFTER  
5% COMPACTION = 6,340 Cu. Yds.  
Topsoil & Pit Backfill  
(1/2 Pit Volume) = 6,330 Cu. Yds.  
  
EXCESS UNBALANCE  
(After Rehabilitation) = 10 Cu. Yds.

### NOTES:

Elev. Ungraded Ground At Loc. Stake = 6372.0'  
FINISHED GRADE ELEV. AT LOC. STAKE = 6369.6'

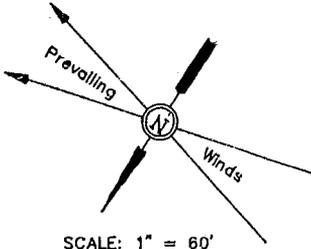
### FIGURE #2

# COASTAL OIL & GAS CORP.

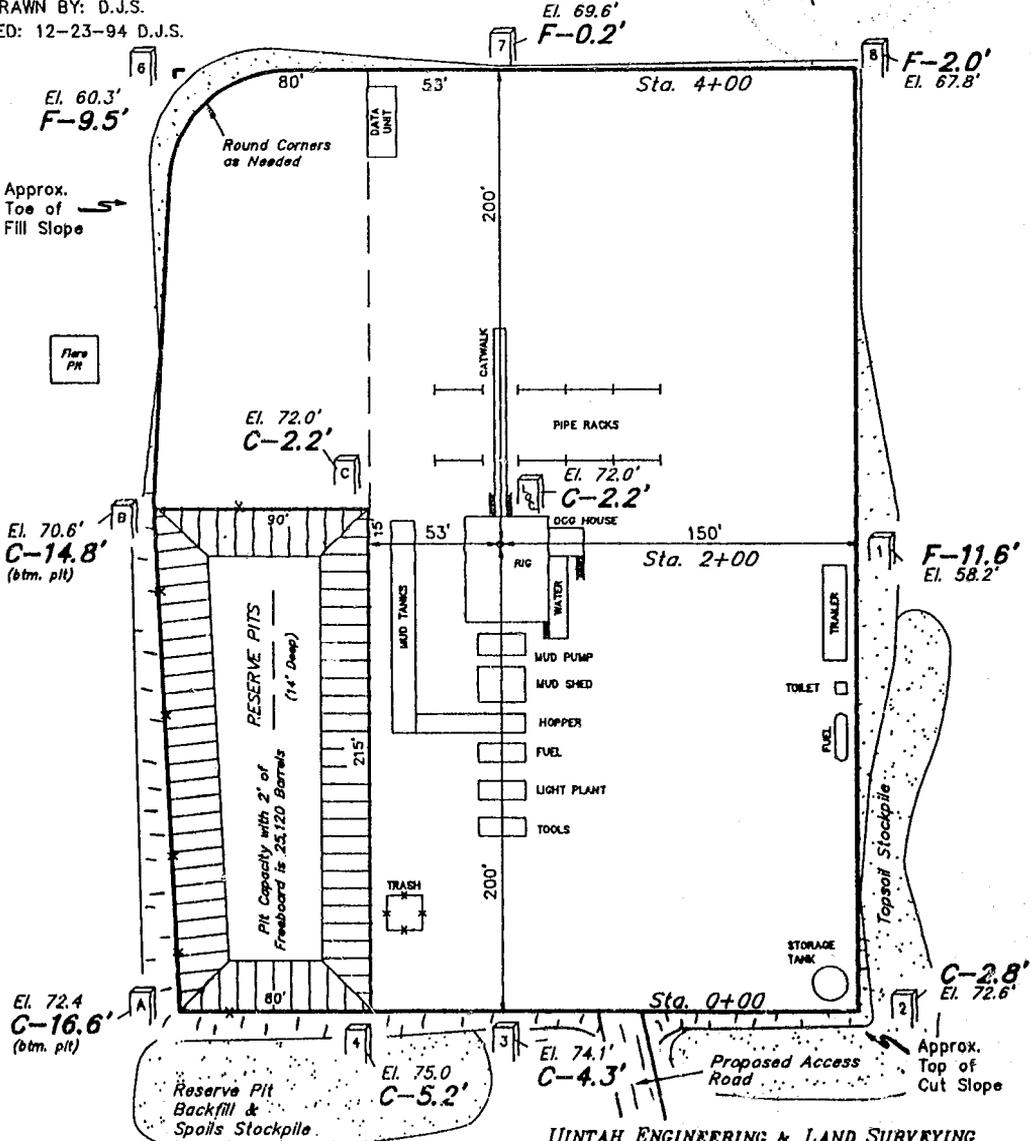
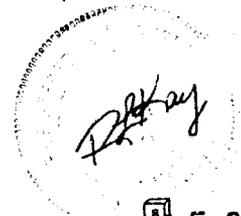
## LOCATION LAYOUT FOR

UPPER SANDWASH #2-20A3  
SECTION 20, T1S, R3W, U.S.B.&M.  
1695' FSL 922' FWL

**FIGURE #1**

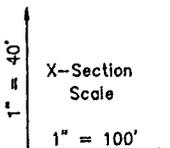


SCALE: 1" = 60'  
DATE: 12-13-94  
DRAWN BY: D.J.S.  
REVISED: 12-23-94 D.J.S.



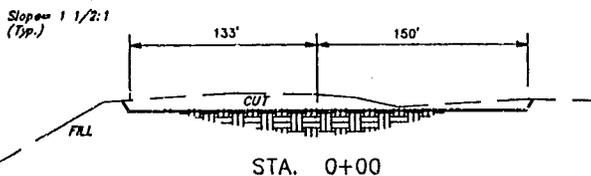
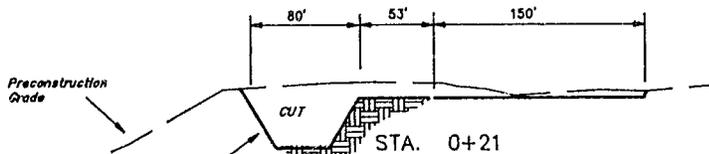
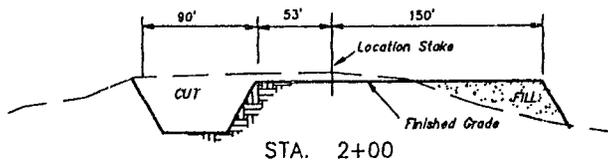
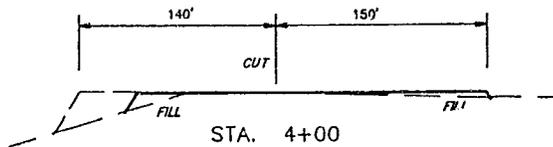
COASTAL OIL & GAS CORP.

TYPICAL CROSS SECTIONS FOR  
 UPPER SANDWASH #2-20A3  
 SECTION 20, T1S, R3W, U.S.B.&M.  
 1695' FSL 922' FWL



DATE: 12-13-94  
 DRAWN BY: D.J.S.

REVISED: 12-23-94 D.J.S.



APPROXIMATE YARDAGES

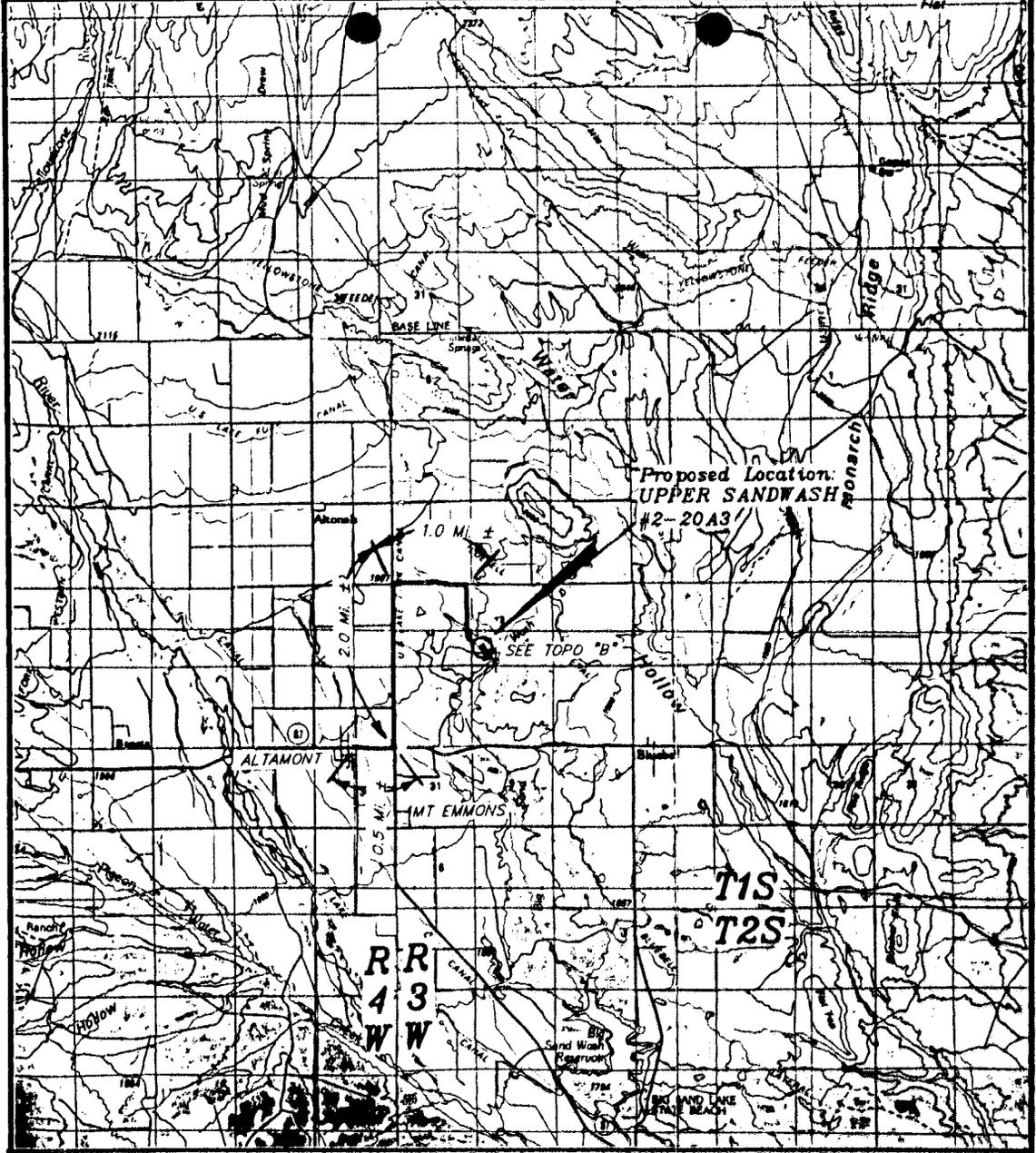
|                        |          |                       |
|------------------------|----------|-----------------------|
| CUT                    |          |                       |
| (6") Topsoil Stripping | =        | 1,840 Cu. Yds.        |
| Remaining Location     | =        | 9,650 Cu. Yds.        |
| <b>TOTAL CUT</b>       | <b>=</b> | <b>11,490 CU.YDS.</b> |
| <b>FILL</b>            | <b>=</b> | <b>6,070 CU.YDS.</b>  |

|  |   |                |
|--|---|----------------|
| EXCESS MATERIAL AFTER<br>5% COMPACTION     | = | 5,100 Cu. Yds. |
| Topsoil & Pit Backfill<br>(1/2 Pit Volume) | = | 5,100 Cu. Yds. |
| EXCESS UNBALANCE<br>(After Rehabilitation) | = | 0 Cu. Yds.     |

NOTES:

Elev. Ungraded Ground At Loc. Stake = **6372.0'**  
 FINISHED GRADE ELEV. AT LOC. STAKE = **6369.8'**

**FIGURE #2**



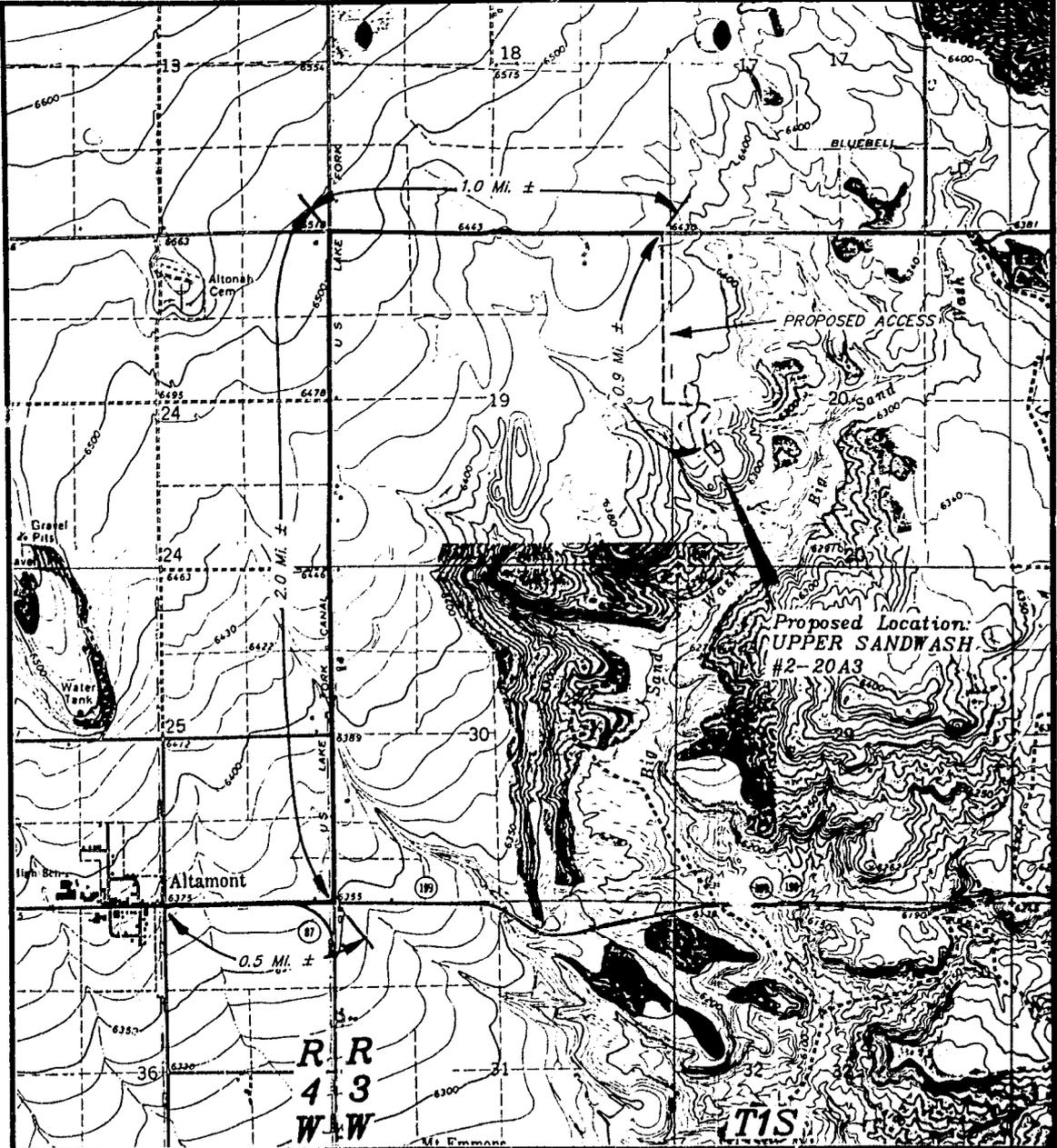
TOPOGRAPHIC  
MAP "A"



COASTAL OIL & GAS CORP.

UPPER SANDWASH #2-20A3  
SECTION 20, T1S, R3W, U.S.B.&M.  
1695' FSL 922' FWL

DATE: 12/13/94 D.COX



TOPOGRAPHIC  
MAP "B"

SCALE: 1"=2000'

DATE: 12/13/94 D.COX



COASTAL OIL & GAS CORP.

UPPER SANDWASH #2-20A3  
SECTION 20, T1S, R3W, U.S.B.&M.  
1695' FSL 922' FWL



**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 12/15/94

API NO. ASSIGNED: 43-013-31483

WELL NAME: UPPER SANDWASH 2-20A3  
 OPERATOR: COASTAL OIL & GAS CORP (N0230)

PROPOSED LOCATION:  
 NSW 20 - T01S - R03W  
 SURFACE: 1695-FSL-0922-FWL  
 BOTTOM: 1695-FSL-0922-FWL  
 DUCHESNE COUNTY  
 ALTAMONT FIELD (55)

| INSPECT LOCATION BY: 12/19/94 |            |                            |
|-------------------------------|------------|----------------------------|
| TECH REVIEW                   | Initials   | Date                       |
| Engineering                   | <i>JAM</i> | 11/17/95                   |
| Geology                       | <i>JA</i>  | rev. 1-5-95<br>rev. 1-6-95 |
| Surface                       | <i>DX</i>  | 12/19/94                   |

LEASE TYPE: FEE  
 LEASE NUMBER: FEE

PROPOSED PRODUCING FORMATION: GR-WS

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Federal[] State[] Fee[]  
(Number COO18)
- Potash (Y/N)
- Oil shale (Y/N)
- Water permit  
(Number 43-101-65)
- 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: 139-42  
 Date: 4/12/55

COMMENTS:

STIPULATIONS: STIPULATIONS ARE ATTACHED WITH PRE-SITE

PREVIEW & ASSESSMENT.

*Notice of Spud. 12 mil liner for  
 reserve pit. Clay or gel along north side of  
 pit to prevent leak. Pre drill inspection  
 of reserve pit.*

DRILLING LOCATION ASSESSMENT

State of Utah  
Division of Oil, Gas and Mining

OPERATOR: COASTAL OIL & GAS CORP. WELL NAME: UPPER SANDWASH 2-20A3  
SECTION: 20 TWP; 01S RNG; 03W LOC: 1695 FSL 922 FWL  
QTR/QTR\_NW/SW COUNTY: DUCHESNE FIELD: ALTAHONT  
SURFACE OWNER: DARR FISHER  
SURFACE AGREEMENT: CLAY EINERSON WILL SUBMIT LETTER FOR RECLAMATION  
SPACING: 922 F SECTION LINE 360 F QTR/QTR LINE  
STATE SPACING ORDER NUMBER: #139-42  
INSPECTOR: DENNIS L. INGRAM DATE AND TIME: 9:30 AM 12/19/94  
PARTICIPANTS: DARR FISHER (LANDOWNER); LARRY TAVEGIA (COASTAL);  
CLAY EINERSON (PRODUCTION FOREMAN); DON ALLRED (UINTAH  
ENGINEERING); DENNIS INGRAM (DOGH); SECOND TRIP MADE WITH BRAD  
HILL AND DAN JARVIS (UIC, DOGH); THIRD TRIP MADE WITH LARRY  
TAVEGIA (COASTAL) AND UINTAH ENGINEERING.

REGIONAL SETTING/TOPOGRAPHY

SET IN CEDAR/PINICH HABITAT ON BENCH APPROXIMATELY 1000 FEET WEST  
OF BIG SAND WASH. LOCATION IS STAKED ON POINT AND NEARLY FILLS UP  
SAME. LOCATION DROPS OFF ON BOTH NORTH AND SOUTH SIDES. NICK  
STEVENSON'S TROUT FISHING PONDS LOCATED DOWN HILL IN BIG SAND WASH  
FROM PROPOSED LEASE. RUNNING STREAMS THAT FEED STEVENSONS PONDS  
ARE LOCATED APPROXIMATELY 850 FEET TO NORTH OF WELL BORE.

LAND USE:

CURRENT SURFACE USE: LIVESTOCK GRAZING. WILDLIFE USE.

PROPOSED SURFACE DISTURBANCE: LOCATION SIZE IS APPROXIMATELY  
293 FEET BY 400. ROAD ACCESS WAS NOT STACKED ON VISIT BUT WILL  
ENTER FROM THE NORTH PAST FISHER 1-19A3, TAKING APPROXIMATELY 4000  
FEET.

AFFECTED FLOODPLAINS AND/OR WETLANDS: N/A ON FLOOD PLAIN. LEASE  
IS ADJACENT TO STEVENSON PONDS, OR BIG SAND WASH DRAINAGE.

FLORA/FAUNA: CEDAR TREES, SALT BRUSH. MULE DEER, RABBIT, FOX,  
COYOTE, PHEASANTS, SMALL INDIGENOUS BIRDS, RAPTORS, AND INSECTS.

ENVIRONMENTAL PARAMETERS

SURFACE GEOLOGY

SOIL TYPE AND CHARACTERISTICS: REDDISH BROWN SAND WITH  
SOME CLAY PRESENT. COBBLE ROCK AT SURFACE, FORMED FROM  
GLACIAL CIRQUES AND VALLEY TRAIN DEPOSITS.  
SURFACE FORMATION & CHARACTERISTICS: GLACIER CONGLOMERATES  
AND SEDIMENTS

EROSION/SEDIMENTATION/STABILITY: \_\_ NO EROSION, MINOR \_\_  
\_\_ SEDIMENTATION, POTENTIAL STABILITY PROBLEM WITH RESERVE PIT  
IF PIT IS NOT KEPT IN CUT. RESERVE PIT WAS RESTAKED TO RIDGE  
TOP.

-----  
PALEONTOLOGICAL POTENTIAL: \_\_ NONE OBSERVED AT SITE  
-----

SUBSURFACE GEOLOGY

OBJECTIVES/DEPTHS: \_\_\_\_ WASATCH FORMATION, APPROXIMATELY 15, 550  
-----

ABNORMAL PRESSURES-HIGH AND LOW: \_\_ NONE ANTICIPATED  
-----

CULTURAL RESOURCES/ARCHAEOLOGY: \_\_ NO CULTURAL RESOURCES INTEREST. \_\_

\_\_ NO ARCHAEOLOGICAL STUDY WAS PERFORMED. \_\_\_\_\_

CONSTRUCTION MATERIALS: \_\_ WILL USE CUT AND FILL OF NATIVE  
\_\_ MATERIAL. OPERATOR SAYS GRAVEL WILL BE HAULED IN FOR ROAD \_\_\_\_\_  
\_\_ AND LOCATION SURFACE. \_\_\_\_\_

SITE RECLANATION: \_\_ AS DECIDED IN LANDOWNER/OPERATOR AGREEMENT. \_\_

\_\_ BONNIE JOHNSTON WILL SUBMIT COPY OF AGREEMENT TO DIVISION. \_\_\_\_\_

RESERVE PIT

CHARACTERISTICS: \_\_ 90' X 215' X 14' (80' ON NORTH WEST CORNER) CUT  
IN COBBLE ROCK & CLAY LOCATED TO NORTH OF WELL BORE. DISCUSSED  
MAKING PIT APPROXIMATELY 20 FEET MORE NARROW AND CUTTING PIT  
DEEPER OR LONGER BECAUSE LOCATION DROPS OFF. PIT WAS RESTAKED  
BEFORE FINAL VISIT AND FLAGS WERE UP ON RIDGE.

LINING: \_\_\_\_ 12 MIL PLASTIC LINER REQUIRED. ALSO DISCUSSED MAKING  
\_\_ SURE CLAY OR SOME SMOOTH SURFACE WAS ON NORTH SIDE OF PIT SO LINER  
\_\_ WILL NOT LEAK. \_\_\_\_\_

MUD PROGRAM: \_\_ WILL DRILL AS DEEP AS POSSIBLE WITH AIR AND WATER,  
THEN GO TO GEL AND WATER \_\_\_\_\_

-----  
DRILLING WATER SUPPLY: \_\_\_\_ APPROVED DALBO SOURCE IN ALTAMONT \_\_\_\_\_

\_\_ (WELL PRODUCTION WILL BE COMMINGLED OF LOCATION TO THE MARSHALL  
#1-20A3, NW/NE, SECTION 20; TOWNSHIP 1 SOUTH; RANGE 3 WEST).

OTHER OBSERVATIONS

\_\_ SANDSTONE OUTCROPPING 12 TO 15 FEET BELOW SURFACE ON ADJACENT \_\_  
\_\_ RIDGE. NICK STEVENSON PONDS BELOW RESERVE PIT APPROXIMATELY 600\_\_  
\_\_ FEET (SHOULD TAKE EVERY EFFORT TO PROTECT FISHERY POND FROM  
\_\_ RESERVE PIT).

STIPULATIONS FOR APD APPROVAL

\_\_ NOTICE OF DRY SPUD. TWELVE MIL LINER FOR RESERVE. CLAY OR GEL  
\_\_ ALONG NORTH SIDE OF RESERVE PIT BELOW LINER TO ASSURE THAT PIT\_\_  
\_\_ WILL NOT LEAK. PIT STIPULATION CHANGED REQUIRING ALL OF \_\_  
\_\_ RESERVE PIT REMAIN ON BENCH AND IN CUT SO RESERVE IS NOT LOST DOWN  
DRAW TOWARDS FISHING POND. PREDRILL INSPECTION OF RESERVE PIT

BEFORE ANY DRILLING TAKES PLACE (AFTER PIT IS BUILT). FLARE PIT REGULATIONS ARE 150 FEET FROM WELL BORE. IF BLOOIE PIT NEEDS TO BE CLOSER, COASTAL MUST SUBMIT REQUEST FROM DIVISION FOR EXCEPTION.

ATTACHMENTS

ARE PHOTOS OF LAND BEFORE DISTURBANCE FOR WELL FILES.

COMMENTS:

WAS ON LEASE AT OPERATOR REQUEST TO DO PRESITE OF PROPOSED WELL.  
GROUND WAS OPEN WITH NO SNOW PRESENT. ROAD HAD NOT BEEN STAKED BUT  
SURVEYORS STAYED TO SHOOT IT IN. SECOND TRIP MADE WITH BRAD HILL AND DAN  
JARVIS (UIC). BRAD REQUESTED LOCATION BE ROTATED COUNTER CLOCKWISE.  
MADE THIRD TRIP WITH LARRY TAVEGIA AND SURVEYORS AND DISCUSSED ROTATING LEASE  
KEEP PIT IN CUT. TAVEGIA REQUESTED PIT BE MADE MORE NARROW AND REMAIN IN  
CUT. STAKES WERE MOVED TO KEEP PIT ON RIDGE.

**U.S. DIVISION OF OIL, GAS AND MINING  
INSPECTION RECORD**

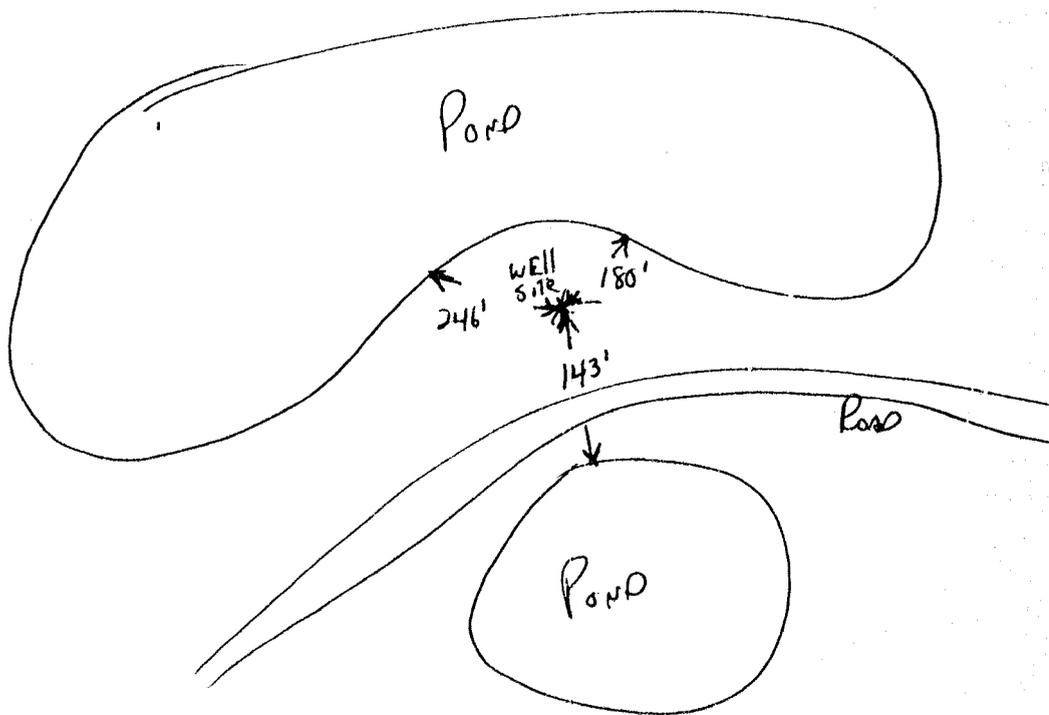
Operator: ANR PRODUCTION CO., INC Lease Number: \_\_\_\_\_  
 Well Name: UPPER SANDWASH 2-2013 API Number: \_\_\_\_\_  
 Sec: 20 Twp: O15 Rng: 03W County: DUCHESNE Field: ALTAMONT  
 Well Status: PROPOSED

| GENERAL   | Inspected (✓) |
|---|---------------|
| 1. Well Identification  |               |
| 2. Well Equipment   |               |
| 3. Environmental Protection   |               |
| 4. Temporary/Emergency Pits   |               |
| 5. Spills, Discharges, Seepage  |               |
| Remarks: <u>VISIT AND PHOTO PROPOSED WELL SITE AT LANDOWNER REQUEST AND SUBMIT TO DOGMD SEE PHOTO DOCUMENTATION). PROPOSED WELL IS BETWEEN 2 OF NICK'S BEST FISHING</u>   |               |
| OIL PRODUCTION  | Inspected (✓) |
| 1. Method of Measurement: Tank Gauge <input type="checkbox"/> LACT Unit <input type="checkbox"/> Other <input type="checkbox"/>   |               |
| 2. Storage Facilities   |               |
| 3. Lines Leaving Storage Facilities Sealed/Locked   |               |
| 4. Oil Handling/Treatment Equipment   |               |
| Remarks: <u>PONDS WHICH ARE LEASED TO WESTERN RIVERS. LOCATION WOULD TAKE UP MUCH OF THE AVAILABLE GROUND BETWEEN PONDS. SEE PHOTOS.</u>                                  |               |
| GAS PRODUCTION  | Inspected (✓) |
| 1. Type of Gas Production: Gas Well <input type="checkbox"/> Casinghead <input type="checkbox"/>  |               |
| 2. Gas Disposition: Sold <input type="checkbox"/> Flared/Vented <input type="checkbox"/> Used on Lease <input type="checkbox"/> Other <input type="checkbox"/>            |               |
| 3. Method of Measurement: Orifice Meter <input type="checkbox"/> Turbine Meter <input type="checkbox"/> Estimated <input type="checkbox"/> Other <input type="checkbox"/> |               |
| 4. Gas Handling/Treatment Equipment   |               |
| Remarks: <u>SEE DRAWING TO SHOW APPROX FOOTAGE TO WATER IN THREE DIRECTIONS, FROM PROPOSED WELL.</u>  |               |
| PRODUCED WATER DISPOSAL   | Inspected (✓) |
| 1. Disposal Method: Unlined Pit <input type="checkbox"/> Lined Pit <input type="checkbox"/> Subsurface <input type="checkbox"/> Other <input type="checkbox"/>            |               |
| 2. If Disposal by Pits, Are Pits Satisfactory? Yes <input type="checkbox"/> No <input type="checkbox"/>   |               |
| 3. Other E & P Waste Disposal   |               |
| Remarks:  |               |

Inspector: *[Signature]* Date: 12/6/94

December 6, 1994

12:00 Noon<sup>o</sup> Drove to & INSPECT PROPOSED  
WELL BECAUSE OF LANDOWNER COMPLAINT<sup>o</sup>  
WELL NAME<sup>o</sup> UPPER SANDWASH #2-20A3  
SEC 20; T1S; R3W  
Disc. 1900 FSL; 1850 FWL



Division of Oil, Gas and Mining  
PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

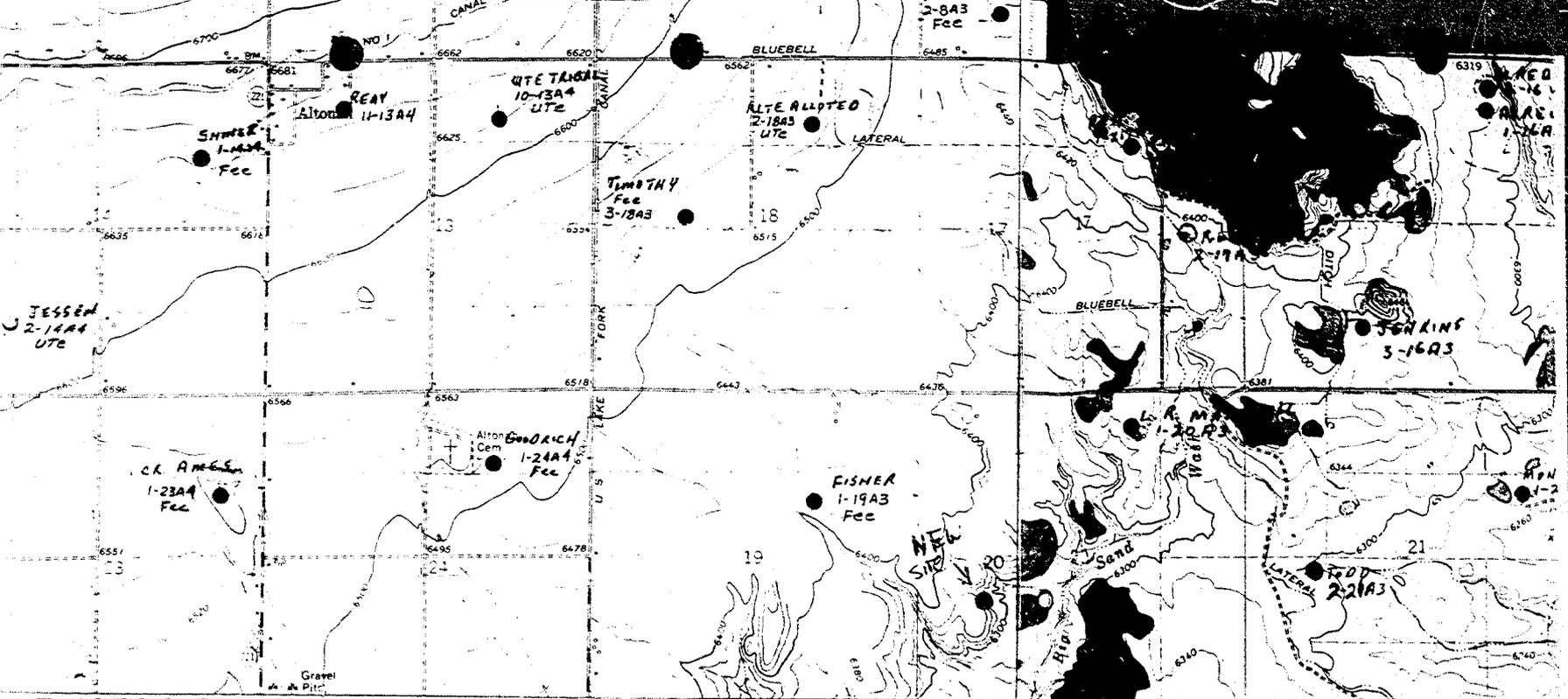
Well File UPPER SANDWASH  Suspense  Other  
#2-20A3 Return date \_\_\_\_\_  
(Location) Sec 20 TWP O1S RNB O3W To-Initials \_\_\_\_\_  
(API No.) PROPOSED WELL \_\_\_\_\_

1. Date of Phone Call: DECEMBER 5, 1994 Time: 9:30 PM

2. DOGM Employee (name) DENNIS INGRAM Initiated Call  
Talked to:  
Name NICK STEVESON Initiated Call (X Phone \_\_\_\_\_  
of (Company) LANDOWNER

3. Topic of Conversation: LOCATION OF PROPOSED WELL

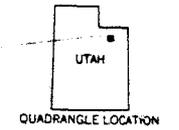
4. Highlights of Conversation: NICK EXPLAINED THAT HIS FISHING  
BUSINESS GENERATES OVER \$100,000 DOLLARS ANNUALLY AND THIS WELL  
LOCATION WILL COST HIM THAT BUSINESS. WESTERN RIVERS FLY  
FISHING ASSOCIATION HAS THE LAND LEASED AND WILL PULL OUT IF  
WELL IS DRILLED. NICK SAYS LETTERS WILL BE FORTH COMING FROM  
ALL CONCERNED OPPOSING LOCATION OF WELL. NICK EXPLAINED  
COMSTAL HAD TOLD HIM THEY WERE DONE DRILLING (WITH THE FOUR HE  
ALREADY HAS) BUT WHEN LINMAR WAS FOUGHT THINGS CHANGED. ALARIK  
MYRIN HAD REFERRED HIM TO ME BECAUSE OF PERMITTING. I TOLD HIM  
I'D LOOK AT PROPOSED WELL SITE AND SEND INFORMATIONN INTO DOGM  
OFFICE.



17°30' 110°41' 1965



ACCURACY STANDARDS  
DO 80225, OR RESTON, VIRGINIA 22092  
OLS IS AVAILABLE ON REQUEST

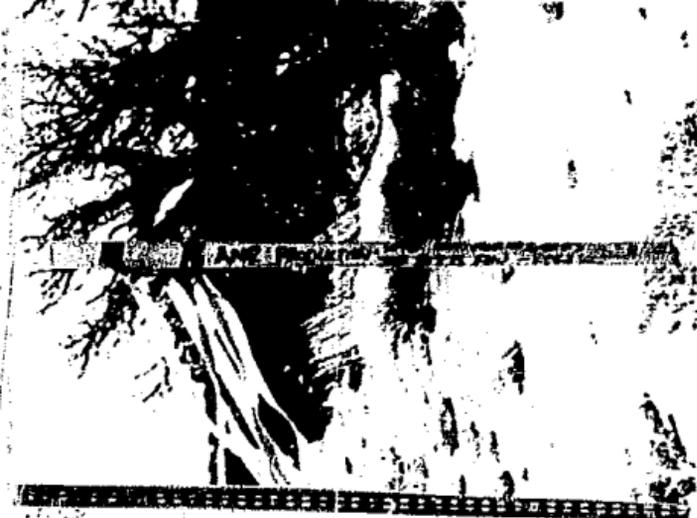


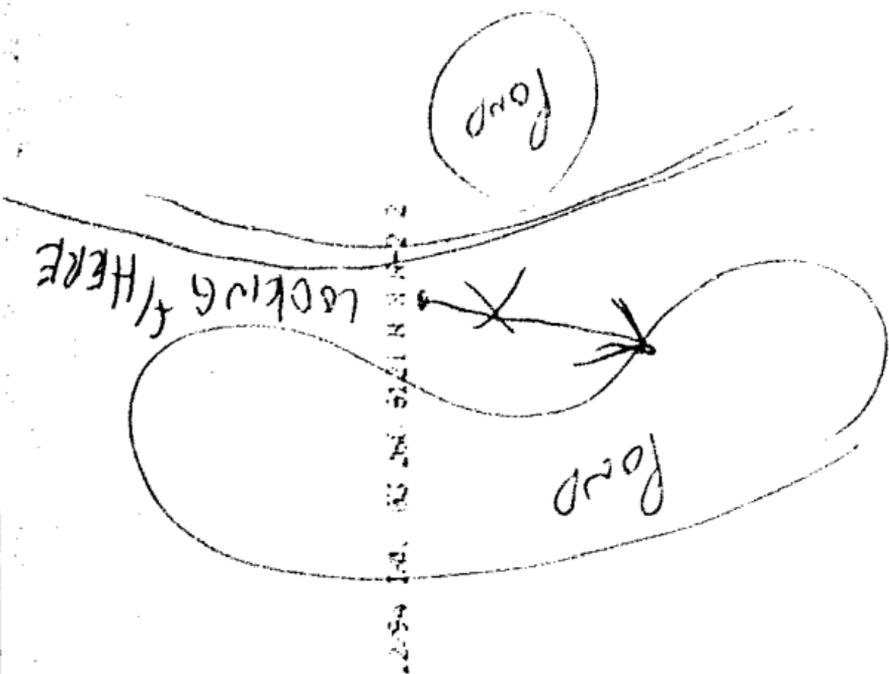
ROAD CLASSIFICATION  
 Medium-duty ——— Light-duty - - - - -  
 Unimproved dirt - - - - -  
 State Route ———

ALTONAH, UTAH  
N4022.5—W11015/7.5

1965

AMS 1964 IV NE—SERIES V897





LANDOWNER COMPLAINT BY  
NICK STEVENSON  
11/5/24

Dennis Dye



**STATE OF UTAH**

|   |  |
|---|--|
| <b>Operator: COASTAL OIL &amp; GAS CORP</b> | <b>Well Name: UPPER SANDWASH 2-20A</b> |
| <b>Project ID: 43-013-31483</b>             | <b>Location: SEC. 20 - T018 - R03W</b> |

Design Parameters:

Mud weight (10.00 ppg) : 0.519 psi/ft  
 Shut in surface pressure : 52"1 psi  
 Internal gradient (burst) : 1.50 psi/ft  
 Annular gradient (burst) : 0.000 psi/ft  
 Tensile load is determined using buoyed weight  
 Service rating is "Sweet"

Design Factors:

Collapse : 1.125  
 Burst : 1.00  
 8 Round : 1.80 (J)  
 Buttress : 1.60 (J)  
 Other : 1.50 (J)  
 Body Yield : 1.50 (8)

| Length<br>(feet) | Size<br>(in.) | Weight<br>(lb/ft) | Grade | Joint                  | Depth<br>(feet)            | Drift<br>(in.) | Cost           |                  |        |
|------------------|---------------|-------------------|-------|------------------------|----------------------------|----------------|----------------|------------------|--------|
| 1                | 7,550         | 7.000             | 26.00 | E-95                   | LT&C                       | 13,350         | 6.151          |                  |        |
| 1                | Collapse      |                   |       | Burst<br>Load<br>(psi) | Min Int<br>Strgth<br>(psi) | Yield<br>S.F.  | Tension        |                  |        |
|                  | Load<br>(psi) | Strgth<br>(psi)   | S.F.  |                        |                            |                | Load<br>(kips) | Strgth<br>(kips) | S.F.   |
|                  | 6935          | 7800              | 1.125 | 6935                   | 8600                       | 1.24           | 166.29         | 602              | 3.62 J |

Prepared by : FRM, Salt Lake City, UT  
 Date : 01-17-1995  
 Remarks :

**2 LINERS 7 AND 5**

Minimum segment length for the 13,350 foot well is 1,000 feet.  
 SICP is based on the ideal gas law, a gas gravity of 0.69, and a mean gas temperature of 141°F (Surface 74°F, BHT 208°F & temp. gradient 1.000°/100 ft.)  
 The liner string design has a specified top of 5,800 feet.  
 The burst load shown is the pressure at the bottom of the segment.  
 The mud gradient and bottom hole pressures (for burst) are 0.519 psi/ft and 6,935 psi, respectively.

**NOTE:** The design factors used in this casing string design are as shown above. As a general guideline, Lone Star Steel recommends using minimum design factors of 1.125 - Collapse (with evacuated casing), 1.0 - Burst, 1.8 - 8 Round Tension, 1.6 - Buttress Tension, and 1.5 - Body Yield. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and Kemler curve. Engineering responsibility for use of this design will be that of the purchaser. Costs for this design are based on a 1987 pricing model. (Version 1.06)

STATE OF UTAH

|                                  |                                 |
|----------------------------------|---------------------------------|
| Operator: COASTAL OIL & GAS CORP | Well Name: UPPER SANDWASH 2-20A |
| Project ID: 43-013-31483         | Location: SED. 20 - T018 - R03W |

Design Parameters:

Mud weight (14.00 ppg) : 0.727 psi/ft  
 Shut in surface pressure : 8138 psi  
 Internal gradient (burst) : 0.204 psi/ft  
 Annular gradient (burst) : 0.000 psi/ft  
 Tensile load is determined using buoyed weight  
 Service rating is "Sweet"

Design Factors:

Collapse : 1.125  
 Burst : 1.00  
 8 Round : 1.80 (J)  
 Buttress : 1.60 (J)  
 Other : 1.50 (J)  
 Body Yield : 1.50 (B)

\*\*\* WARNING \*\*\* Design factor for collapse exceeded in design!

*collapse factor of one O/C. JAM*

| Length<br>(feet) | Size<br>(in.) | Weight<br>(lb/ft) | Grade | Joint | Depth<br>(feet) | Drift<br>(in.) | Cost  |
|------------------|---------------|-------------------|-------|-------|-----------------|----------------|-------|
| 1                | 2,550         | 5.000             | 18.00 | S-95  | MAC/LX          | 15,550         | 4.151 |

|   | Load<br>(psi) | Collapse<br>Strgth<br>(psi) | S.F.  | Burst<br>Load<br>(psi) | Min Int<br>Strgth<br>(psi) | Yield<br>S.F. | Tension<br>Load<br>(kips) | Strgth<br>(kips) | S.F.    |
|---|---------------|-----------------------------|-------|------------------------|----------------------------|---------------|---------------------------|------------------|---------|
| 1 | 11309         | 11880                       | 1.050 | 11309                  | 12040                      | 1.06          | 36.07                     | 409              | 11.34 J |

Prepared by : FRM, Salt Lake City, UT

Date : 01-17-1995

Remarks :

2 LINERS 5 AND 7

Minimum segment length for the 15,550 foot well is 1,000 feet.

SICP is based on the ideal gas law, a gas gravity of 0.69, and a mean gas temperature of 152°F (Surface 74°F, BHY 230°F & temp. gradient 1.000°/100 ft.)

The liner string design has a specified top of 13,000 feet.

The burst load shown is the pressure at the bottom of the segment.

The mud gradient and bottom hole pressures (for burst) are 0.727 psi/ft and 11,309 psi, respectively.

**NOTE:** The design factors used in this casing string design are as shown above. As a general guideline, Lone Star Steel recommends using minimum design factors of 1.125 - Collapse (with evacuated casing), 1.0 - Burst, 1.8 - 8 Round Tension, 1.6 - Buttress Tension, and 1.5 - Body Yield. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and Kemler curve. Engineering responsibility for use of this design will be that of the purchaser. Costs for this design are based on a 1987 pricing model. (Version 1.06)

|  |
|--|
| 5. Lease Designation and Serial Number:<br>Fee       |
| 6. If Indian, Allottee or Tribe Name:<br>N/A         |
| 7. Unit Agreement Name:<br>N/A                       |
| 8. Well Name and Number:<br>Upper Sandwash #2-20A3   |
| 9. API Well Number:                                  |
| 10. Field and Pool, or Wildcat:<br>Altamont/Bluebell |

### SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals

1. Type of Well  
OIL  GAS  OTHER: \_\_\_\_\_

2. Name of Operator:  
Coastal Oil & Gas Corporation

3. Address and Telephone Number  
P.O. Box 749, Denver, CO 80201-0749 (303) 573-4476

4. Location of Well  
Footages 922' F.W.L. & 1695' F.S.L. County: Duchesne  
OO Sec., T., R. M. NW/SW Section 20, T1S-R3W State: Utah

### 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

#### NOTICE OF INTENT (Submit In Duplicate)

- Abandon
- Repair Casing
- Change of Plans
- Convert to Injection
- Fracture Treat or Acidize
- Multiple Completion
- Other Revised cement program
- New Construction
- Pull or Alter Casing
- Recompletion
- Perforate
- Vent or Flare
- Water Shut-Off

#### SUBSEQUENT REPORT (Submit Original Form Only)

- Abandon \*
- Repair Casing
- Change of Plans
- Convert to Injection
- Fracture Treat or Acidize
- Other
- New Construction
- Pull or Alter Casing
- Perforate
- Vent or Flare
- Water Shut-Off

Approximate date work will start Upon approval

Date of work completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form

\* Must be accompanied by a cement verification report

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

The operator intends to revise the cement program that was described in the APD for the above referenced well.

The cementing program for 9-5/8" pipe should read:

| SURFACE | FILL  | TYPE AND AMOUNT                                      |
|---------|-------|--|
| 9--5/8" | 4300' | Silicalite 11.0 ppg, 2.98 cu.ft/sx yld, about 425 sx |

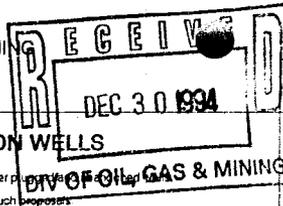
All other types and amounts of cement shall remain the same

13. Name & Signature *Bonnie Johnston*

Bonnie Johnston  
Title: Environmental Analyst Date: 12/16/94

(This space for State use only)

APPROVED BY THE STATE  
OF UTAH, DIVISION OF  
OIL, GAS, AND MINING  
DATE: 1/17/95  
BY: *Sam Jackson*  
FILE NUMBER: *Case 139-42*



5 Lease Designation and Serial Number:

Fee

6 If Indian, Aliottee or Tribe Name:

N/A

7 Unit Agreement Name

N/A

8 Well Name and Number

Upper Sandwash #2-20A3

9 API Well Number

10 Field and Pool, or Wildcat

Altamont/Bluebell

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter production wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well:

OIL  GAS  OTHER:

2. Name of Operator:

Coastal Oil & Gas Corporation

3. Address and Telephone Number:

P.O. Box 749, Denver, CO 80201-0749

(303) 573-4476

4. Location of Well

Footages: 922' FWL & 1695' FSL

County Duchesne

QQ, Sec. T., R., M.: NW/SW Section 20, T1S-R3W

State: Utah

**11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

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(Submit in Duplicate)

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(Submit Original Form Only)

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- Vent or Flare
- Water Shut-Off

Date of work completion

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form

\* Must be accompanied by a cement verification report

Approximate date work will start Upon approval

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

The operator has shortened the width of the reserve pit from 120 feet to 80 feet, at the request of the State. Please see Figure 1, attached, and consider these diagrams as the correct ones to be attached to the Application for Permit to Drill for the above described well.

13.

Name & Signature:

*Bonnie Johnston*

Bonnie Johnston  
Title Environmental Analyst

Date 12/28/94

(This space for State use only)

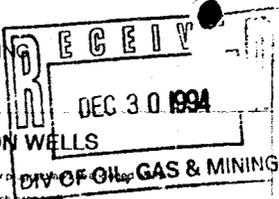
APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE: 1/17/95

BY: *Stan Matthews*

WELL SPACING

*Case 139-42*



**SUNDRY NOTICES AND REPORTS ON WELLS**

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5. Lease Designation and Serial Number  
Fee  
6. If Indian, Allottee or Tribe Name  
N/A  
7. Unit Agreement Name  
N/A

1. Type of Well  
OIL  GAS  OTHER   
2. Name of Operator  
Coastal Oil & Gas Corporation  
3. Address and Telephone Number  
P.O. Box 749, Denver, CO 80201-0749 (303) 573-4476  
4. Location of Well  
Footages 922' FWL & 1695' ESL  
Co. Sec. T. R. M. N/W/SW Section 20, T1S-R3W

8. Well Name and Number  
Upper Sandwash #2-20A3  
9. API Well Number  
10. Field and Pool, or Wildcat  
Altamont/Bluebell  
County Duchesne  
State Utah

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**NOTICE OF INTENT**  
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- Abandon \*
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Approximate date work will start Upon approval

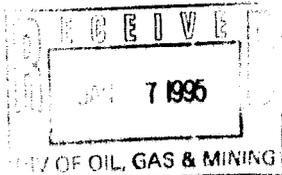
Date of work completion

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR COMPLETION REPORT AND LOG form

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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details and give pertinent dates. If wells are directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

The operator has shortened the width of the reserve pit from 120 feet to 80 feet, at the request of the State. Please see Figure 1, attached, and consider these diagrams as the correct ones to be attached to the Application for Permit to Drill for the above described well.



13. Name & Signature *Bonnie Johnston*

Bonnie Johnston  
Title Environmental Analyst Date 12/28/94

(This space for State use only)

DATE: 1/17/95  
BY: *[Signature]*  
WELL SPACING Cause 139-42

**SUNDRY NOTICES AND REPORTS ON WELLS**

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Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

|   |   |
|---|---|
| 1. Type of Well:<br>OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER: _____     | 5. Lease Designation and Serial Number:<br>_____<br>Fee<br>_____<br>6. If Indian, Allocated or Tribe Name:<br>N/A |
| 2. Name of Operator:<br>Coastal Oil & Gas Corporation   | 7. Unit Agreement Name:<br>N/A  |
| 3. Address and Telephone Number:<br>P.O. Box 749, Denver, CO 80201-0749 (303) 573-4476                    | 8. Well Name and Number:<br>Upper Sandwash #2-20A3  |
| 4. Location of Well:<br>Footages: 922' FWL & 1695' FSL<br>OO, Sec., T., R., M.: NW/SW Section 20, T1S-R3W | 9. API Well Number:<br>_____<br>10. Field and Pool, or Wildcat:<br>Altamont/Bluebell                              |
|   | County: Duchesne<br>State: Utah   |

**11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

**NOTICE OF INTENT**  
(Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon                                 | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing                           | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans                         | <input type="checkbox"/> Recompletion         |
| <input type="checkbox"/> Convert to Injection                    | <input type="checkbox"/> Perforate            |
| <input type="checkbox"/> Fracture Treat or Acidize               | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion                     | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other Revised cement program |   |

Approximate date work will start Upon approval

**SUBSEQUENT REPORT**  
(Submit Original Form Only)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon *                 | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing             | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans           | <input type="checkbox"/> Perforate            |
| <input type="checkbox"/> Convert to Injection      | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____               |   |

Date of work completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form

\* Must be accompanied by a cement verification report

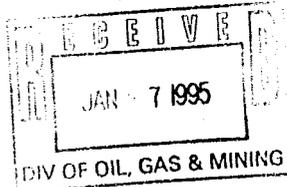
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

The operator intends to revise the cement program that was described in the APD for the above referenced well.

The cementing program for 9-5/8" pipe should read:

|         |       |  |
|---------|-------|--|
| SURFACE | FILL  | TYPE AND AMOUNT                                      |
| 9-5/8"  | 4300' | Silicalite 11.0 ppg, 2.98 cu.ft/sx yld, about 425 sx |

All other types and amounts of cement shall remain the same



13.

Name & Signature:

*Bonnie Johnston*

Bonnie Johnston  
Title: Environmental Analyst

Date: 12/16/94

(This space for State use only)

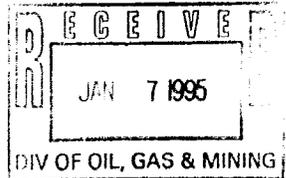
APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING  
DATE: 1/17/95  
BY: *John Matthews*  
WELL SPACING *Case 139-42*



**Coastal**  
The Energy People

January 26, 1995

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



ATTN: Mike Hebertson

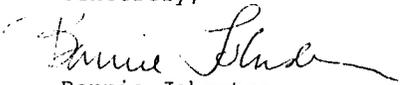
Re: Upper Sandwash #2-20A3  
NW/SW Section 20, T1S-R3W  
Duchesne County, Utah

43-013-31483

Dear Mike,

Enclosed is the approved Application for Permit to Drill (APD) for the subject well. Coastal Oil & Gas hereby requests that this permit be canceled immediately.

Sincerely,

  
Bonnie Johnston  
Environmental Analyst

Enc.

**Coastal Oil & Gas Corporation**

A SUBSIDIARY OF THE COASTAL CORPORATION  
600 17TH ST • STE 800 S • P.O. BOX 249 • DENVER, CO 80202 • (303) 533-1111

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

JAN 7 1995

DIV OF OIL, GAS & MINING

|  |  |   |   |
|--|--|---|---|
| <p>APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK</p>   |  |   | <p>5. Lease Designation and Serial No.<br/>Fee</p>  |
| <p>1a. Type of Work<br/>                 DRILL <input checked="" type="checkbox"/>      DEEPEN <input type="checkbox"/>      PLUG BACK <input type="checkbox"/></p>  |  |   | <p>6. If Indian, Allottee or Tribe Name<br/>N/A</p>                                       |
| <p>b. Type of Well<br/>                 Oil Well <input checked="" type="checkbox"/>      Gas Well <input type="checkbox"/>      Other <input type="checkbox"/></p>  |  |   | <p>7. Unit Agreement Name<br/>N/A</p>   |
| <p>2. Name of Operator<br/>Coastal Oil &amp; Gas Corporation</p>   |  |   | <p>8. Farm or Lease Name<br/>Upper Sandwash</p>   |
| <p>3. Address of Operator<br/>P.O. Box 749, Denver, CO 80201-0749</p>  |  |   | <p>9. Well No.<br/>#2-20A3</p>  |
| <p>4. Location of Well (Report location clearly and in accordance with any State requirements.)<br/>                 At surface: 922' FWL &amp; 1695' FSL<br/>                 At proposed prod. zone: Same as above</p> |  |   | <p>10. Field and Pool, or Wildcat<br/>Altamont/Bluebell</p>                               |
| <p>14. Distance in miles and direction from nearest town or post office<br/>About 3 miles northeast of Altamont, Utah</p>  |  |   | <p>11. US. Sec., T., R., N., or Blk. and Survey or Area<br/>NW/SW Section 20, T1S-R3W</p> |
| <p>15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. line, if any) (922' from drilling line)</p>   |  | <p>16. No. of acres in lease<br/>40</p> | <p>17. No. of acres assigned to this well<br/>640</p>                                     |
| <p>18. Distance from proposed location to nearest well, drilling, completed, or spudded for, on this lease, ft. 3000'</p>  |  | <p>19. Proposed depth<br/>15,550'</p>   | <p>20. Rotary or cable tools<br/>rotary</p>   |
| <p>21. Elevations (Show whether DF, RT, GR, etc.)<br/>6372' GR</p>   |  |   | <p>22. Approx. date work will start<br/>Upon approval</p>                                 |

**PROPOSED CASING AND CEMENTING PROGRAM**

| Size of Hole | Size of Casing | Weight per Foot | Setting Depth | Quantity of Cement |
|--------------|----------------|-----------------|---------------|--------------------|
| 17-1/2"      | 13-3/8"        | 54.5            | 0-200'        | 260 sx Premium "G" |
| 12-1/4"      | 9-5/8"         | 40.0            | 0-6000'       | 1360 sx            |
| 8-3/4"       | 7"             | 26.0            | 5800-13350'   | 968 sx             |
| 6-1/8"       | 5"             | 18.0            | 13050-15550'  | 250 sx             |

Coastal Oil & Gas Corporation proposes to drill a well to 15,550' to test the Wasatch. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per State of Utah requirements.

Coastal Oil & Gas Corporation is considered to be the operator of the subject well. It agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.

Bond coverage pursuant to 43CFR 3104 for lease activities is being provided by Coastal Oil & Gas Corporation under their Nationwide Bond No. CO-0018 and U605382-9, and Bond No. 102103.

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.

I hereby certify that this report is true and complete to the best of my knowledge.  
 Signed: Bonnie Johnston Title: Environmental Analyst Date: 12/14/94

(This space for Federal or State office use)

API NO. 43-013-31483 Approval Date APPROVED BY THE STATE

Approved by: \_\_\_\_\_ Title: \_\_\_\_\_  
 Conditions of approval, if any: \_\_\_\_\_

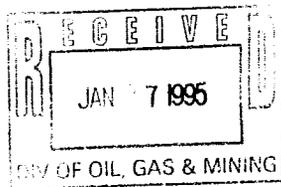
DATE: 1/17/95

BY: Ray Matthews

WELL SPACING: Panel 139-42

DRILLING LOCATION ASSESSMENT

State of Utah  
Division of Oil, Gas and Mining



OPERATOR: COASTAL OIL & GAS CORP. WELL NAME: UPPER SANDWASH 2-20A3  
SECTION: 20 TWP; 01S RNG; 03W LOC; 1695 FSL 922 FWL  
QTR/QTR\_NW/SW COUNTY: DUCHESNE FIELD: ALTAHONT  
SURFACE OWNER: DARR FISHER  
SURFACE AGREEMENT: CLAY EINERSON WILL SUBMIT LETTER FOR RECLAMATION  
SPACING: 922\_F SECTION LINE 360\_F QTR/QTR LINE  
STATE SPACING ORDER NUMBER: #139-42  
INSPECTOR: DENNIS L. INGRAM DATE AND TIME: 9:30 AM 12/19/94  
PARTICIPANTS DARR FISHER (LANDOWNER); LARRY TAVEGIA (COASTAL);  
CLAY EINERSON (PRODUCTION FOREMAN); DON ALLRED (UINTAH  
ENGINEERING); DENNIS INGRAM (DOG); SECOND TRIP MADE WITH BRAD  
HILL AND DAN JARVIS (UIC, DOG); THIRD TRIP MADE WITH LARRY  
TAVEGIA (COASTAL) AND UINTAH ENGINEERING.

REGIONAL SETTING/TOPOGRAPHY

SET IN CEDAR/PINION HABITAT ON BENCH APPROXIMATELY 1000 FEET WEST  
OF BIG SAND WASH. LOCATION IS STAKED ON POINT AND NEARLY FILLS UP  
SAME. LOCATION DROPS OFF ON BOTH NORTH AND SOUTH SIDES. NICK  
STEVENSON'S TROUT FISHING PONDS LOCATED DOWN HILL IN BIG SAND WASH  
FROM PROPOSED LEASE. RUNNING STREAMS THAT FEED STEVENSONS PONDS  
ARE LOCATED APPROXIMATELY 850 FEET TO NORTH OF WELL BORE.

LAND USE:

CURRENT SURFACE USE: LIVESTOCK GRAZING. WILDLIFE USE.

PROPOSED SURFACE DISTURBANCE: LOCATION SIZE IS APPROXIMATELY  
293 FEET BY 400. ROAD ACCESS WAS NOT STACKED ON VISIT BUT WILL  
ENTER FROM THE NORTH PAST FISHER 1-19A3, TAKING APPROXIMATELY 4000  
FEET.

AFFECTED FLOODPLAINS AND/OR WETLANDS: N/A ON FLOOD PLAIN. LEASE  
IS ADJACENT TO STEVENSON PONDS, OR BIG SAND WASH DRAINAGE.

FLORA/FAUNA: CEDAR TREES, SALT BRUSH. MULE DEER, RABBIT, FOX,  
COYOTE, PHEASANTS, SMALL INDIGENOUS BIRDS, RAPTORS, AND INSECTS.

ENVIRONMENTAL PARAMETERS

SURFACE GEOLOGY

SOIL TYPE AND CHARACTERISTICS: REDDISH BROWN SAND WITH  
SOME CLAY PRESENT. COBBLE ROCK AT SURFACE, FORMED FROM  
GLACIAL CIRQUES AND VALLEY TRAIN DEPOSITS.  
SURFACE FORMATION & CHARACTERISTICS: GLACIER CONGLOMERATES  
AND SEDIMENTS

EROSION/SEDIMENTATION/STABILITY: \_\_NO EROSION, MINOR \_\_  
\_\_SEDIMENTATION, POTENTIAL STABILITY PROBLEM WITH RESERVE PIT  
IF PIT IS NOT KEPT IN CUT. RESERVE PIT WAS RESTAKED TO RIDGE  
TOP.

-----  
PALEONTOLOGICAL POTENTIAL: \_\_NONE OBSERVED AT SITE\_\_\_\_\_  
-----

SUBSURFACE GEOLOGY

OBJECTIVES/DEPTHS: \_\_\_\_\_WASATCH FORMATION, APPROXIMATELY 15, 550  
-----

ABNORMAL PRESSURES-HIGH AND LOW: \_\_ NONE ANTICIPATED \_\_\_\_\_  
-----

CULTURAL RESOURCES/ARCHAEOLOGY: \_\_NO CULTURAL RESOURCES INTEREST. \_\_  
\_\_NO ARCHAEOLOGICAL STUDY WAS PERFORMED. \_\_\_\_\_

CONSTRUCTION MATERIALS: \_\_WILL USE CUT AND FILL OF NATIVE  
MATERIAL. OPERATOR SAYS GRAVEL WILL BE HAULED IN FOR ROAD \_\_\_\_\_  
AND LOCATION SURFACE. \_\_\_\_\_

SITE RECLAMATION: \_\_\_\_\_AS DECIDED IN LANDOWNER/OPERATOR AGREEMENT. \_\_  
\_\_ BONNIE JOHNSTON WILL SUBMIT COPY OF AGREEMENT TO DIVISION. \_\_\_\_\_  
-----

RESERVE PIT

CHARACTERISTICS: \_\_ 90' X 215' X 14' (80' ON NORTH WEST CORNER) CUT  
IN COBBLE ROCK & CLAY LOCATED TO NORTH OF WELL BORE. DISCUSSED  
MAKING PIT APPROXIMATELY 20 FEET MORE NARROW AND CUTTING PIT  
DEEPER OR LONGER BECAUSE LOCATION DROPS OFF. PIT WAS RESTAKED  
BEFORE FINAL VISIT AND FLAGS WERE UP ON RIDGE.

LINING: \_\_\_\_\_12 MIL PLASTIC LINER REQUIRED. ALSO DISCUSSED MAKING\_\_  
SURE CLAY OR SOME SMOOTH SURFACE WAS ON NORTH SIDE OF PIT SO LINER  
WILL NOT LEAK. \_\_\_\_\_

MUD PROGRAM: \_\_WILL DRILL AS DEEP AS POSSIBLE WITH AIR AND WATER,  
THEN GO TO GEL AND WATER \_\_\_\_\_  
-----

DRILLING WATER SUPPLY: \_\_\_\_\_APPROVED DALBO SOURCE IN ALTAMONT \_\_\_\_\_  
\_\_(WELL PRODUCTION WILL BE COMINGLED OF LOCATION TO THE MARSHALL  
#1-20A3, NW/NE, SECTION 20; TOWNSHIP 1 SOUTH; RANGE 3 WEST).

OTHER OBSERVATIONS

\_\_SANDSTONE OUTCROPPING 12 TO 15 FEET BELOW SURFACE ON ADJACENT \_\_  
RIDGE. NICK STEVENSON PONDS BELOW RESERVE PIT APPROXIMATELY 800\_\_  
FEET (SHOULD TAKE EVERY EFFORT TO PROTECT FISHERY POND FROM  
RESERVE PIT).

STIPULATIONS FOR APD APPROVAL

NOTICE OF DRY SPUD. TWELVE MIL LINER FOR RESERVE. CLAY OR GEL  
ALONG NORTH SIDE OF RESERVE PIT BELOW LINER TO ASSURE THAT PIT\_\_  
WILL NOT LEAK. PIT STIPULATION CHANGED REQUIRING ALL OF \_\_  
RESERVE PIT REMAIN ON BENCH AND IN CUT SO RESERVE IS NOT LOST DOWN  
DRAW TOWARDS FISHING POND. PREDRILL INSPECTION OF RESERVE PIT

BEFORE ANY DRILLING TAKES PLACE (AFTER PIT IS BUILT). FLARE PIT REGULATIONS ARE 150 FEET FROM WELL BORE. IF BLOOIE PIT NEEDS TO BE CLOSER, COASTAL MUST SUBMIT REQUEST FROM DIVISION FOR EXCEPTION.

ATTACHMENTS

ARE PHOTOS OF LAND BEFORE DISTURBANCE FOR WELL FILES.

COMMENTS:

WAS ON LEASE AT OPERATOR REQUEST TO DO PRESITE OF PROPOSED WELL.  
GROUND WAS OPEN WITH NO SNOW PRESENT. ROAD HAD NOT BEEN STAKED BUT  
SURVEYORS STAYED TO SHOOT IT IN. SECOND TRIP MADE WITH BRAD HILL AND DAN  
JARVIS (UIC). BRAD REQUESTED LOCATION BE ROTATED COUNTER CLOCKWISE.  
MADE THIRD TRIP WITH LARRY TAYEGIA AND SURVEYORS AND DISCUSSED ROTATING LEASE  
KEEP PIT IN CUT. TAYEGIA REQUESTED PIT BE MADE MORE NARROW AND REMAIN IN  
CUT. STAKES WERE MOVED TO KEEP PIT ON RIDGE.



**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 84100-1203  
801-538-5340  
801-359-3940 (Fax)  
801-538-5319 (TDD)

January 17, 1995

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

Re: Upper Sandwash #2-20A3 Well, 1695' FSL, 922' FWL, NW SW, Sec. 20, T. 1 S.,  
R. 3 W., Duchesne County, Utah

Gentlemen:

Pursuant to the order issued by the Board of Oil, Gas and Mining in Cause No. 139-42 dated April 12, 1985, 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:

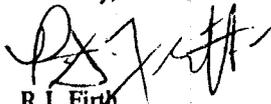
1. Compliance with the requirements and stipulations outlined in the Drilling Location Assessment Report (copy attached).
2. Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules.
3. Notification to the Division within 24 hours after drilling operations commence.
4. 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.
5. Submittal of the Report of Water Encountered During Drilling, Form 7.
6. 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.

Page 2  
Coastal Oil & Gas Corporation  
Upper Sandwash #2-20A3 Well  
January 17, 1995

7. Compliance with the requirements of Utah Admin. R. 649-3-20, Gas Flaring or Venting, if the well is completed for production.

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 43-013-31483.

Sincerely,



R.J. Firth  
Associate Director

ldc

Enclosures

cc: Duchesne County Assessor  
Bureau of Land Management, Vernal District Office

WO11



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

E&P OPERATIONS - DENVER DISTRICT

Michael O. Leavitt  
 Governor

Ted Stewart  
 Executive Director

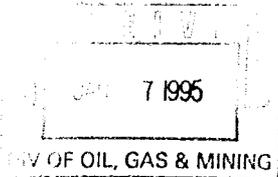
James W. Carter  
 Division Director

355 West North Temple  
 3 Triad Center, Suite 350  
 Salt Lake City, Utah 84180-1203  
 801-538-5340  
 801-359-3940 (Fax)  
 801-538-5319 (TDD)

JAN 24 1995

TCY \_\_\_\_\_ NO  MOR \_\_\_\_\_  
 HDE \_\_\_\_\_ LPS \_\_\_\_\_ JDP \_\_\_\_\_  
 FES \_\_\_\_\_ BLT \_\_\_\_\_ JRN \_\_\_\_\_ RLB \_\_\_\_\_

January 17, 1995



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

Re: Upper Sandwash #2-20A3 Well, 1695' FSL, 922' FWL, NW SW, Sec. 20, T. 1 S., R. 3 W., Duchesne County, Utah

Gentlemen:

Pursuant to the order issued by the Board of Oil, Gas and Mining in Cause No. 139-42 dated April 12, 1985, 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:

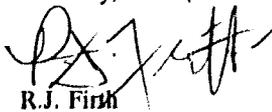
1. Compliance with the requirements and stipulations outlined in the Drilling Location Assessment Report (copy attached).
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5. Submittal of the Report of Water Encountered During Drilling, Form 7.
6. Prompt notification prior to commencing operations, 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.

Page 2  
Coastal Oil & Gas Corporation  
Upper Sandwash #2-20A3 Well  
January 17, 1995

7. Compliance with the requirements of Utah Admin. R. 649-3-20, Gas Flaring or Venting, if the well is completed for production.

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 43-013-31483.

Sincerely,



R.J. Firth  
Associate Director

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



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

Michael O. Leavitt  
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355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340  
801-359-3940 (Fax)  
801-538-5319 (TDD)

January 31, 1995

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

Re: Upper Sandwash 2-20A3 Well, Sec. 20, T. 1 S., R. 3 W., Duchesne County, Utah,  
API No. 43-013-31483

Dear Ms. Johnston:

Per your request, 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  
WOI139