



May 18, 2001

Ms. Lisha Cordova  
State of Utah  
Division of Oil Gas & Mining  
1594 West North Temple, Suite 1210  
Salt Lake City, Utah 84114  
**Attn: Lisha Cordova**

**RE: Bonanza #10-3, Sec. 10-T10S-R23E Mer UBM  
Bonanza #10-2, Sec. 10-T10S-R23E Mer UBM  
Bonanza # 9-5, Sec. 9-T10S-R23E Mer UBM  
Bonanza # 8-2, Sec. 8-T10S-R23E Mer UBM**

Dear Ms. Cordova:

Enclosed is the APD's for the locations listed above. Please do not hesitate to call me if you have any questions, or need additional information at (435) 781-7021.

Holly Miner,

*Holly Miner*

Regulatory Assistant

**RECEIVED**

MAY 21 2001

DIVISION OF  
OIL, GAS AND MINING

**Coastal Oil & Gas Corporation**

A SUBSIDIARY OF THE COASTAL CORPORATION  
1368 S 1200 E • P.O. BOX 1148 • VERNAL UT 84078 • 435/789-4433 • FAX 435/789-4436

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0136  
Expires November 30, 2000

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work:  DRILL  REENTER

**CONFIDENTIAL**

5. Lease Serial No.  
U-72028

6. If Indian, Allottee or Tribe Name

7. If Unit or CA Agreement, Name and No.

8. Lease Name and Well No.  
BONANZA 10-2

9. API Well No.  
43047-34089

10. Field and Pool, or Exploratory  
BONANZA

11. Sec., T., R., M., or Blk. and Survey or Area  
Sec 10 T10S R23E Mer UBM

12. County or Parish  
UINTAH

13. State  
UT

1b. Type of Well:  Oil Well  Gas Well  Other  Single Zone  Multiple Zone

2. Name of Operator  
COASTAL OIL & GAS CORPORATION  
Contact: CHERYL CAMERON  
E-Mail: Cheryl.Cameron@CoastalCorp.com

3a. Address  
P.O. BOX 1148  
VERNAL, UT 84078

3b. Phone No. (include area code)  
Ph: 435.781.7023 Fx: 435.789.4436

4. Location of Well (Report location clearly and in accordance with any State requirements. \*)

At surface NWNW 991FNL 510FWL

At proposed prod. zone

4405370 N  
643478 E

14. Distance in miles and direction from nearest town or post office\*  
53.9 MILES SOUTHWEST OF VERNAL, UTAH

15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)  
510

16. No. of Acres in Lease  
160.00

17. Spacing Unit dedicated to this well  
320.00

18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft.  
REFER TO TOPO C

19. Proposed Depth  
8275 MD

20. BLM/BIA Bond No. on file  
U-605382-9

21. Elevations (Show whether DF, KB, RT, GL, etc.)  
5346 GL

22. Approximate date work will start

23. Estimated duration

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification
- Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature 	Name (Printed/Typed) CHERYL CAMERON	Date 05/17/2001
Title OPERATIONS		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL	Date 05-24-01
Title RECLAMATION SPECIALIST III	Office RECLAMATION SPECIALIST III	

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Additional Operator Remarks (see next page)

Electronic Submission #4334 verified by the BLM Well Information System  
For COASTAL OIL & GAS CORPORATION, sent to the Vernal

**RECEIVED**

MAY 21 2001

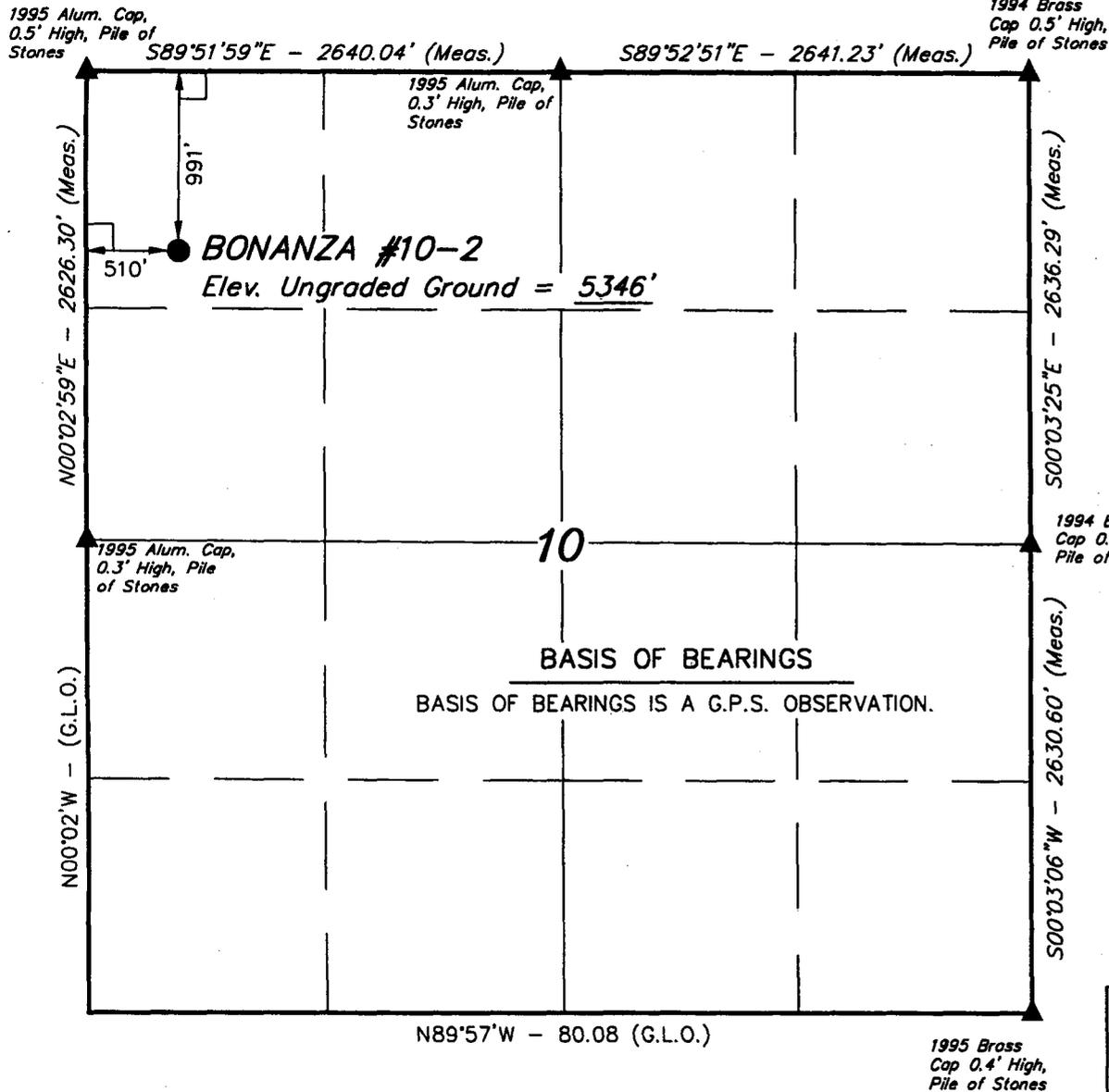
DIVISION OF  
OIL, GAS AND MINING

\*\* ORIGINAL \*\*

# T10S, R23E, S.L.B.&M.

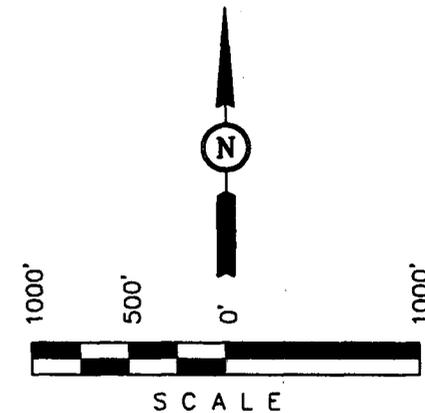
## COASTAL OIL & GAS CORP.

Well location, BONANZA #10-2, located as shown in the NW 1/4 NW 1/4 of Section 10, T10S, R23E, S.L.B.&M. Uintah County, Utah.



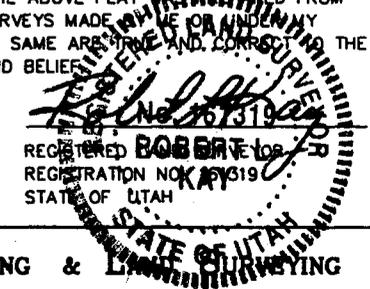
### BASIS OF ELEVATION

SPOT ELEVATION AT THE SOUTHEAST CORNER OF SECTION 10, T10S, R23E, S.L.B.&M. TAKEN FROM THE ASPHALT WASH, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5484 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.



<b>UINTAH ENGINEERING &amp; SURVEYING</b> 85 SOUTH 200 EAST - VERNAL, UTAH 84078 (435) 789-1017		
SCALE 1" = 1000'	DATE SURVEYED: 12-21-00	DATE DRAWN: 12-22-00
PARTY D.K. B.P. C.G.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE COASTAL OIL & GAS CORP.	

### LEGEND:

- = 90° SYMBOL
- = PROPOSED WELL HEAD.
- = SECTION CORNERS LOCATED.

LATITUDE = 39°58'07"  
LONGITUDE = 109°19'11"

# COASTAL OIL & GAS CORP.

## BONANZA #10-2

LOCATED IN UTAH COUNTY, UTAH  
SECTION 10, T10S, R23E, S.L.B.&M.

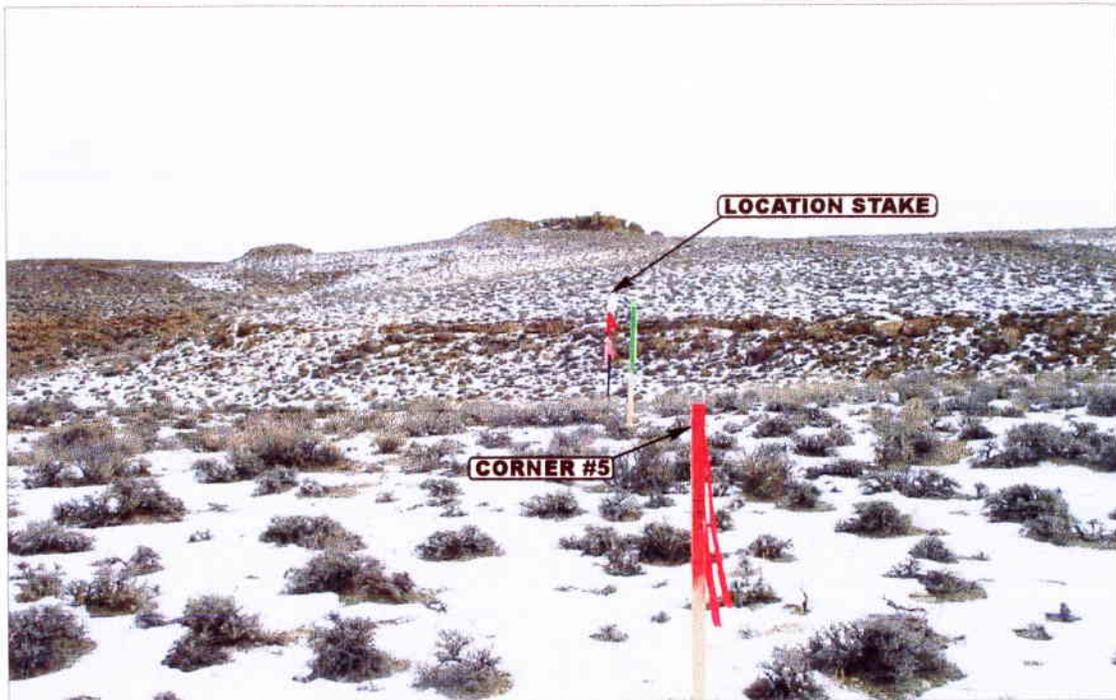


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: EASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHERLY



- Since 1964 -

**UELS** Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

12 28 00  
MONTH DAY YEAR

PHOTO

TAKEN BY: D.K.

DRAWN BY: K.G.

REVISED: 00-00-00

**BONANZA #10-2  
NW/NW Sec 10, T10S, R23E  
UINTAH COUNTY, UTAH  
U-72028**

**ONSHORE ORDER NO. 1  
COASTAL OIL & GAS CORPORATION**

***DRILLING PROGRAM***

**1. Geologic Surface Formation:**

Uinta – at Surface

**2. Estimated Tops/Depths of Important Geologic Markers/Anticipated Gas:**

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
	KB	5327'
	Green River	1175'
Gas	Wasatch	4007'
Gas	Mesaverde	5813'
	TD	8275'

**3. Pressure Control Equipment (Schematic Attached)**

The BOP stack will consist of one 11" 5,000 psi annular BOP, one 11" 3,000 psi double ram, and one 11' drilling spool. The lower ram will contain pipe rams, and the upper ram will contain blind rams.

The choke and kill lines and the choke manifold will have a 3,000 psi minimum pressure rating.

The hydrill will be tested to 1,500 psi. The rams, choke manifold, kelly safety valves, drill string safety valves, and inside BOP will be tested to 3,000 psi.

**4. Proposed Casing & Cementing Program:**

The Surface casing and the Production casing will be new.

Please refer to the attached Casing & Cementing Program.

**5. Drilling Fluids Program:**

Please refer to the attached Drilling Fluids Program

6. **Evaluation Program:** (Logging)

Please refer to the attached Drilling Program.

7. **Abnormal Conditions:**

Maximum anticipated bottomhole pressure calculated @ 8,275' TD approximately equals 3,310 psi (calculated at 0.4 psi/foot). Maximum anticipated surface pressure equals approximately 1,490 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. **Anticipated Starting Dates:**

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

9. **Variations:**

None anticipated.

10. **Other:**

A Class III Archaeological Study Report, will be submitted when the report becomes available.

**BONANZA #10-2  
NW/NW SEC. 10, T10S, R23E  
UINTAH COUNTY, UTAH  
U-72028**

**ONSHORE ORDER NO. 1**

***MULTI-POINT SURFACE USE & OPERATIONS PLAN***

**1. Existing Roads:**

To reach the proposed location: Proceed in a easterly, then southerly direction from Vernal, Utah along U.S. Highway 40 approximately 4.0 miles to the junction of State Highway 45; exit right and proceed in a southerly then southeasterly direction approximately 36.0 miles to Bonanza, Utah and the junction of this road and an existing road to the west; turn right and proceed in westerly direction approximately 3.9 miles to the junction of this road and an existing road to the south; turn left and proceed in a southerly direction approximately 1.3 miles to the junction of this road and a existing road to the south; turn right and proceed in a southerly, then southwesterly direction approximately 6.6 miles to the junction of this road and an existing road to the west; turn right and proceed in a westerly direction approximately 1.2 miles to the junction of this road and existing road to the south; proceed in a southerly, then westerly direction approximately 0.8 miles to the beginning of the proposed access to the northwest; follow road flags in a northwesterly direction approximately 0.1 miles to the proposed location.

The total distance from Vernal, Utah to the proposed well location is approximately 53.9 miles.

Refer to Topo Maps A and B for location of access roads within a 2-mile radius.

All existing roads will be maintained and kept in good repair during all drilling and completion operations associated with this well.

**2. Planned Access Roads:**

The proposed access road is approximately 0.1 miles. Refer to Topo Map B.

The access road will be crowned (2 to 3%), ditched and constructed with a running surface of 18 feet and a maximum disturbed width of 30 feet. Graveling or capping the roadbed will be performed as necessary to provide a well constructed, safe road. Prior to construction or upgrading, the proposed road shall be cleared of any snow and allowed to dry completely.

Surface disturbance and vehicular traffic will be limited to the proposed location and proposed access route. Any additional area needed will be approved in advance. All construction shall be in conformance with the standards outlined in the BLM and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development. 1989.

The road surface and shoulders will be kept in a safe an usable condition and will be maintained in accordance with the original construction standards. All drainage ditches will be kept clear and free-flowing and will be maintained according to original construction standards. The access road surface will be kept free of trash during operations. All traffic will be confined to the approved disturbed

surface. Road drainage crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing or shall the drainages be blocked by the road bed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Should mud holes develop, they shall be filled in and detours around them avoided.

When snow is removed from the road during the winter months, the snow shall be pushed outside of the borrow ditches, and the turnouts kept clear so that snowmelt will be channeled away from the road.

**3. Location of Existing Wells Within a 1-Mile Radius:**

Please refer to Topo Map C.

**4. Location of Existing & Proposed Facilities:**

*The following guidelines will apply if the well is productive.*

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 slope or the top of the fill slope.

A dike will be constructed completely around those production facilities which contain fluids (i.e., production tanks, produced water tanks, and/or heater/treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank, and be independent of the back cut.

All permanent (on-site six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the five state Rocky Mountain Inter-Agency Committee.

All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The requested color is Juniper Green as determined during the on-site inspection.

Any necessary pits will be properly fenced to protect livestock and prevent wildlife entry.

The proposed pipeline is approximately 150' and will tie-into the existing pipeline running easterly.

**5. Location and Type of Water Supply:**

Water for drilling purposes will be obtained from Dalbo Inc.'s underground well located in Ouray, Utah, Sec.32, T4S,R3E, Water User Claim #43-8496, Application #53617.

Water will be hauled to location over the roads marked on Maps A and B.

No water well is to be drilled on this lease.

**6. Source of Construction Materials:**

Surface and subsoil materials in the immediate area will be utilized.

Any gravel will be obtained from a commercial source.

7. **Methods of Handling Waste Materials:**

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids, including salts and chemicals, will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be removed and disposed of at an approved waste disposal facility within 120 days after drilling is terminated.

The reserve pit will be constructed on the location and will not be located within natural drainage, where a flood hazard exists or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not leak, break, or allow discharge of liquids.

A plastic reinforced liner is to be used as discussed during on-site inspection. It will be a minimum of 12 mil thick, with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash or scrap that could puncture the liner will be disposed of in the pit.

Contractors should take caution to direct blast in the pit around edges of ledge to avoid fracturing rock.

Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

A chemical porta-toilet will be furnished with the drilling rig.

Garbage, trash, and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. No trash will be burned on location.

All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig.

Any open pits will be fenced during the operations. The fencing will be maintained until such time as the pits are backfilled.

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

*Any produced water from the proposed well will be contained in a water tank and will then be hauled by truck to one of the pre-approved disposal sites: RNI, Sec. 5, T9S, R22E, NBU #159, Sec.35, T9S, R21E, Ace Oilfield, Sec. 2, T6S, R20E, MC&MC, Sec. 12, T6S, R19E. (Request is in lieu of filing Form 3160-5, after initial production).*

**8. Ancillary Facilities:**

None are anticipated.

**9. Well Site Layout: (See Location Layout Diagram)**

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

39 inch net wire will be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.

The net wire shall be no more than two inches above the ground. The barbed wire shall be three inches over the net wire. Total height of the fence shall be at least 42 inches.

Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.

Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any 2 fence posts shall be no greater than 16 feet.

All wire shall be stretched, by using a stretching device, before it is attached to corner posts.

The reserve pit fencing will be on three sides during drilling operations, and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

**10. Plans for Reclamation of the Surface:***Producing Location:*

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, materials, trash, and debris not required for production.

Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1.

Before any dirt work associated with location restoration takes place, the reserve pit shall be as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 90 days from the date of well completion, weather permitting.

To prevent surface water (s) from standing (ponding) on the reclaimed reserve pit area, final reclamation of the reserve pit will consist of "mounding" the surface three feet above surrounding ground surface to allow the reclaimed pit area to drain effectively.

Upon completion of backfilling, leveling, and recontouring, the stockpiled topsoil will be spread evenly over the reclaimed area(s).

*Dry Hole/Abandoned Location:*

Abandoned well sites, roads, and other disturbed areas will be restored as near as practical to their original condition. Where applicable, these conditions include the re-establishment of irrigation systems, the re-establishment of appropriate soil conditions, and re-establishment of vegetation as specified.

All disturbed surfaces will be recontoured to the approximate natural contours, with reclamation of the well pad and access road to be performed as soon as practical after final abandonment. Reseeding operations will be performed after completion of other reclamation operations.

**11. Surface Ownership:**

Bureau of Land Management  
170 South 500 East  
Vernal, UT 84078  
(435) 789-1362

**12. Other Information:**

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, the approved Plan of Operations, and any applicable Notice of Lessees. The Operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance. The Operator will control noxious weeds along Rights-Of-Way for roads, pipelines, well sites, or other applicable facilities.

**13. Lessee's or Operators's Representative & Certification:**

Cheryl Cameron  
Environmental Analyst  
Coastal Oil & Gas Corporation  
P.O. Box 1148  
Vernal, UT 84078  
(435) 781-7023

Darrell Molnar  
Drilling Manager  
Coastal Oil & Gas Corporation  
9 Greenway Plaza, Suite 2770  
Houston, TX 77046  
(713) 418-4295

**Certification:** All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

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

Bond coverage pursuant to 43 CFR 3104 for the lease activities is being provided by Coastal Oil & Gas Corporation Bond #102103, BLM Nationwide Bond #U-605382-9.

I hereby certify that the proposed drill site and access route has been inspected and that I am familiar with the conditions that currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by the Operator, its contractors, and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

/s/Cheryl Cameron   
Cheryl Cameron

1/10/01  
Date

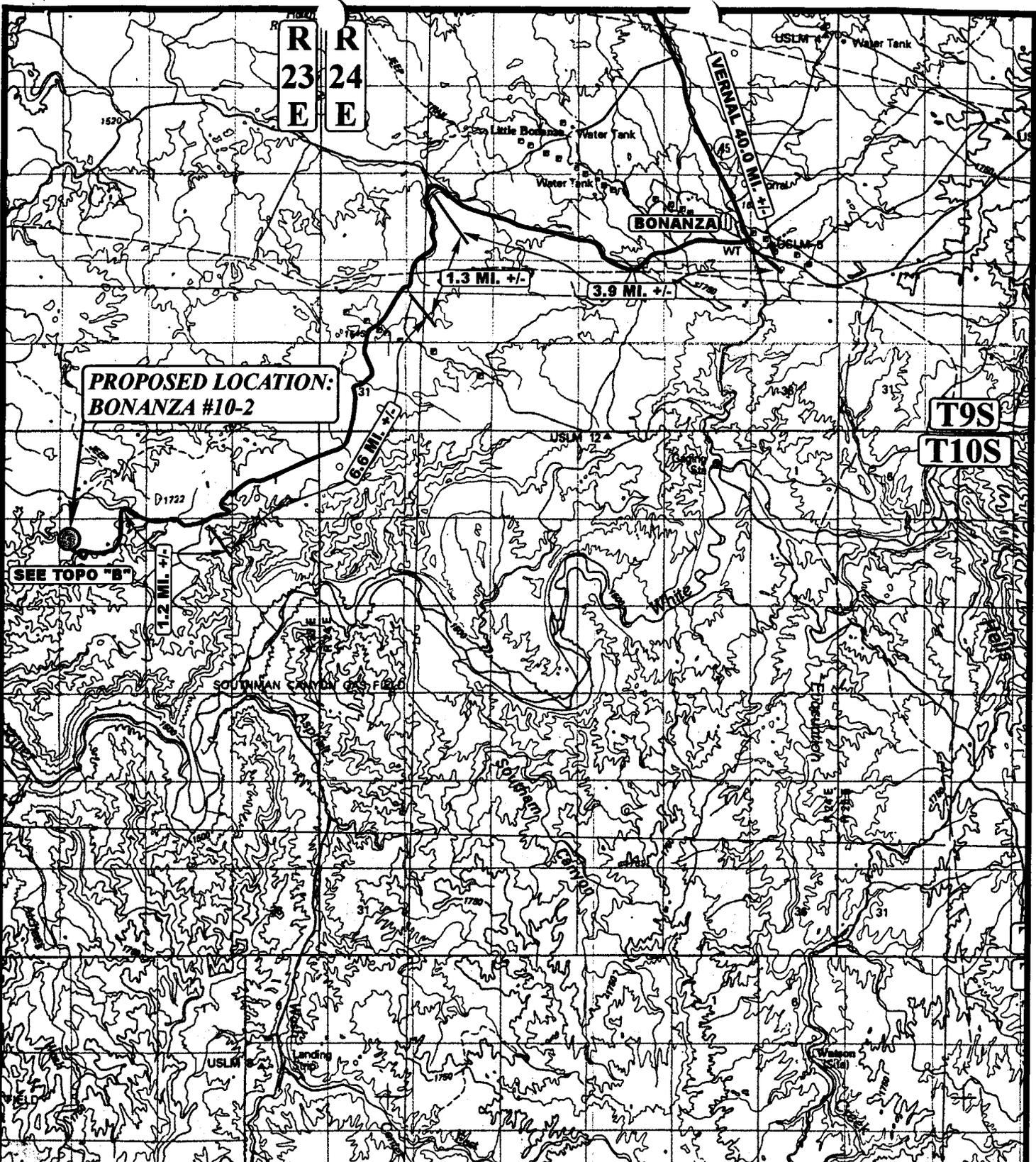
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Cheryl Cameron

1/10/01  
Date



**LEGEND:**

⊙ PROPOSED LOCATION

**COASTAL OIL & GAS CORP.**

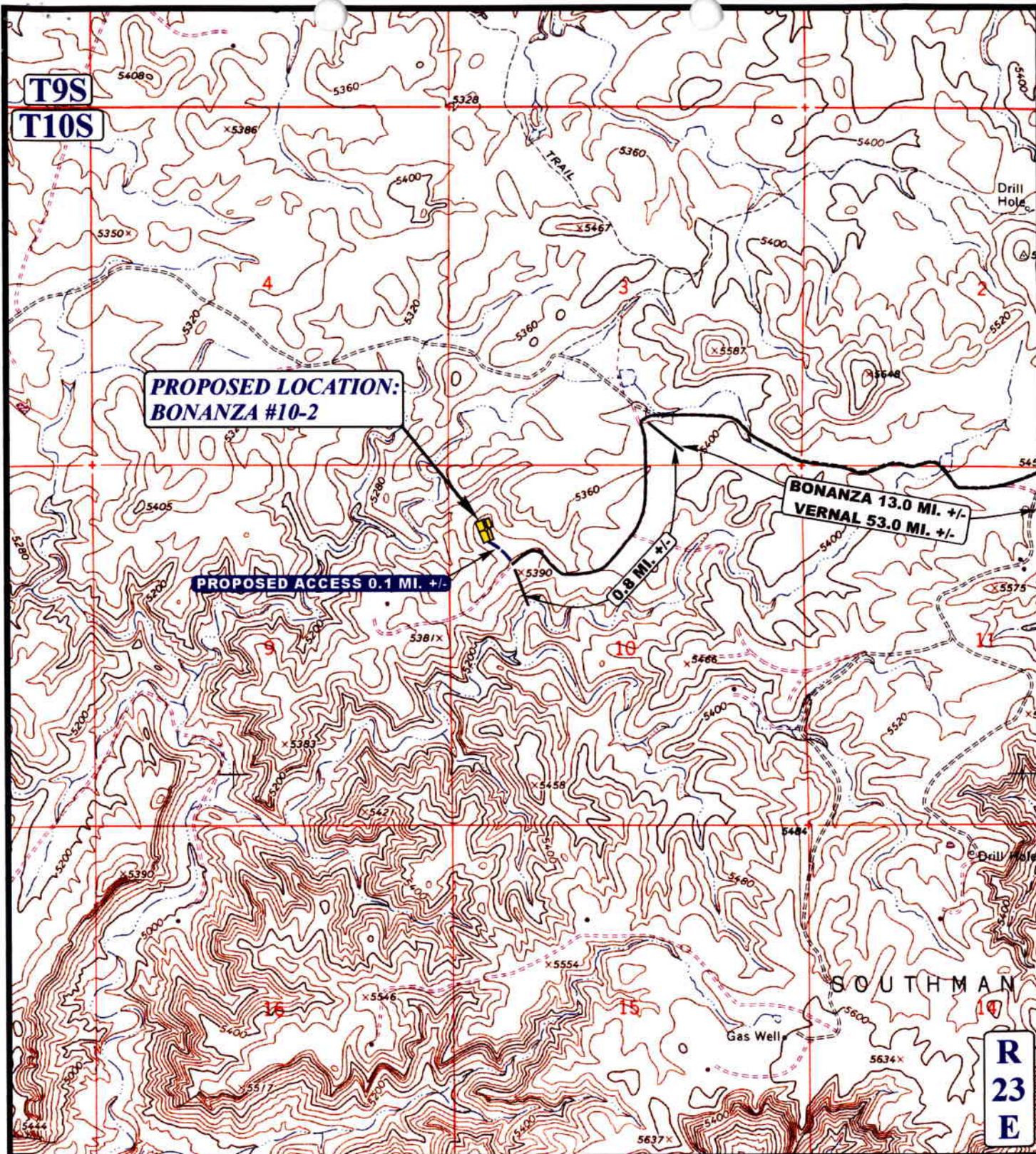
**BONANZA #10-2**  
**SECTION 10, T10S, R23E, S.L.B.&M.**  
**991' FNL 510' FWL**



**Utah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC** **12 28 00**  
**MAP** MONTH DAY YEAR  
 SCALE: 1:100,000 DRAWN BY: K.G. REVISED: 00-00-00





**LEGEND:**

- PROPOSED ACCESS ROAD
- EXISTING ROAD

**COASTAL OIL & GAS CORP.**

**BONANZA #10-2**  
**SECTION 10, T10S, R23E, S.L.B.&M.**  
**991' FNL 510' FWL**



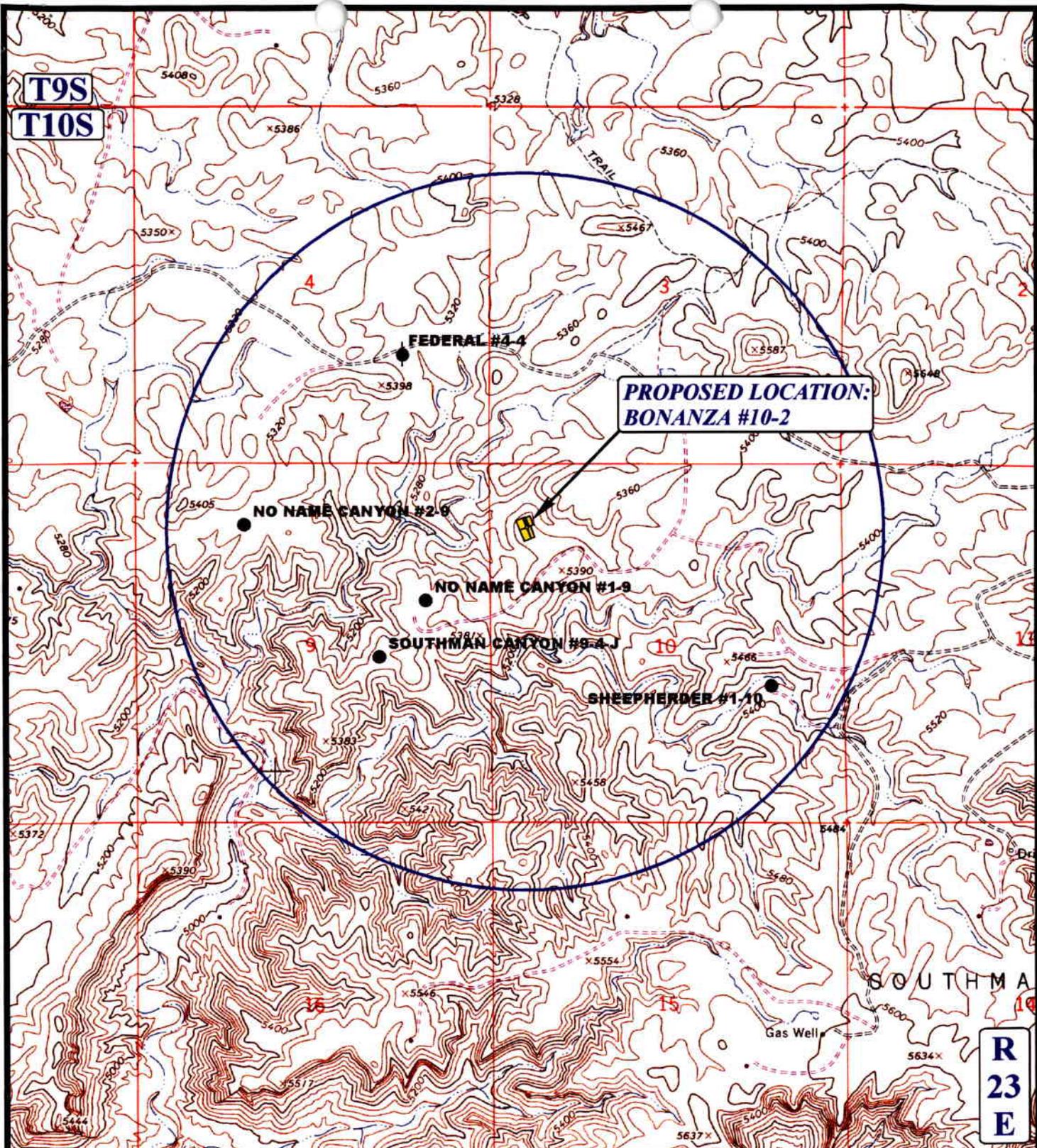
**Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC**  
**MAP**

<b>12</b>	<b>28</b>	<b>00</b>
MONTH	DAY	YEAR



SCALE: 1" = 2000' DRAWN BY: K.G. REVISED: 00-00-00



**LEGEND:**

- ⊗ DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- ⊗ WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

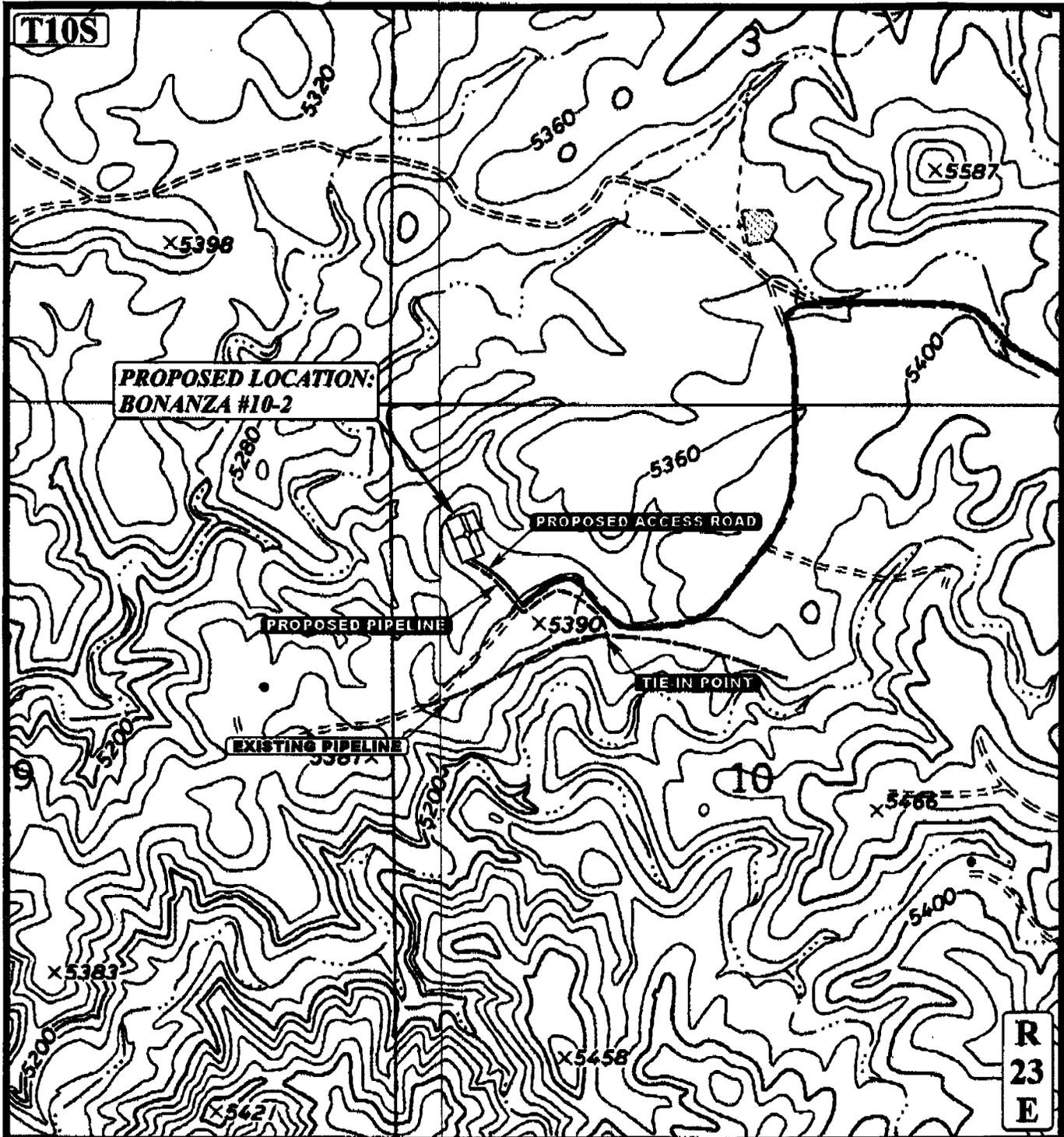


**COASTAL OIL & GAS CORP.**

**BONANZA #10-2**  
**SECTION 10, T10S, R23E, S.L.B.&M.**  
**991' FNL 510' FWL**

**U&L S** **Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC** **12 28 00**  
**MAP** MONTH DAY YEAR  
 SCALE: 1" = 2000' DRAWN BY: K.G. REVISED: 00-00-00 **C**  
 TOPO



APPROXIMATE TOTAL PIPELINE DISTANCE = 1500' +/-

**LEGEND:**

- EXISTING PIPELINE
- PROPOSED PIPELINE
- PROPOSED ACCESS



**COASTAL OIL & GAS CORP.**

**BONANZA #10-2**  
**SECTION 10, T10S, R23E, S.L.B.&M.**  
**991' FNL 510' FWL**



**Vintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC** 1 10 01  
**MAP** MONTH DAY YEAR

SCALE: 1"=1000' DRAWN BY: K.G. REVISED: 00-00-00





# COASTAL OIL & GAS CORP.

## TYPICAL CROSS SECTIONS FOR

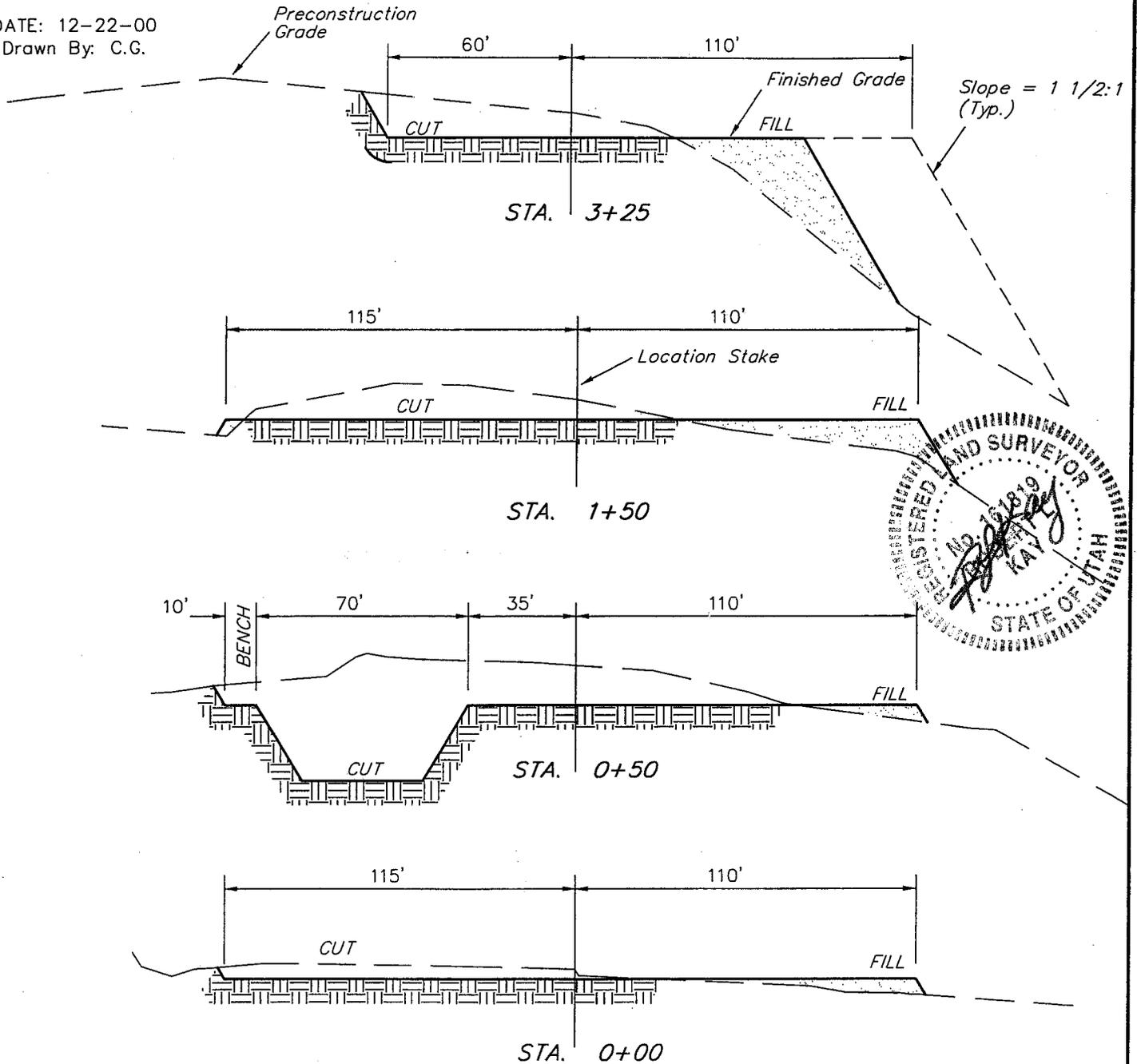
BONANZA #10-2

SECTION 10, T10S, R23E, S.L.B.&M.

991' FNL 510' FWL

1" = 20'  
X-Section  
Scale  
1" = 50'

DATE: 12-22-00  
Drawn By: C.G.



**FIGURE #2**

### APPROXIMATE YARDAGES

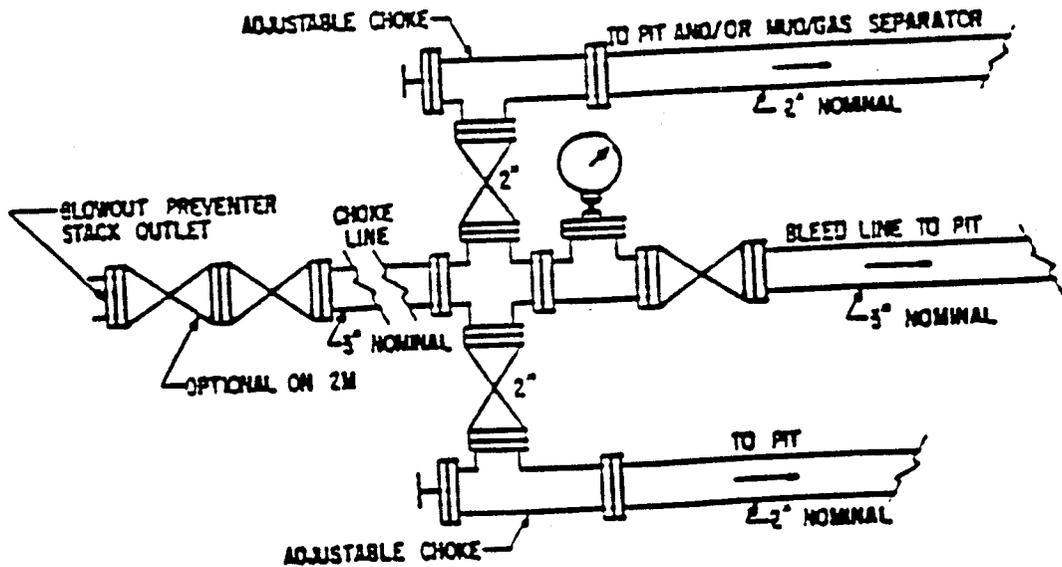
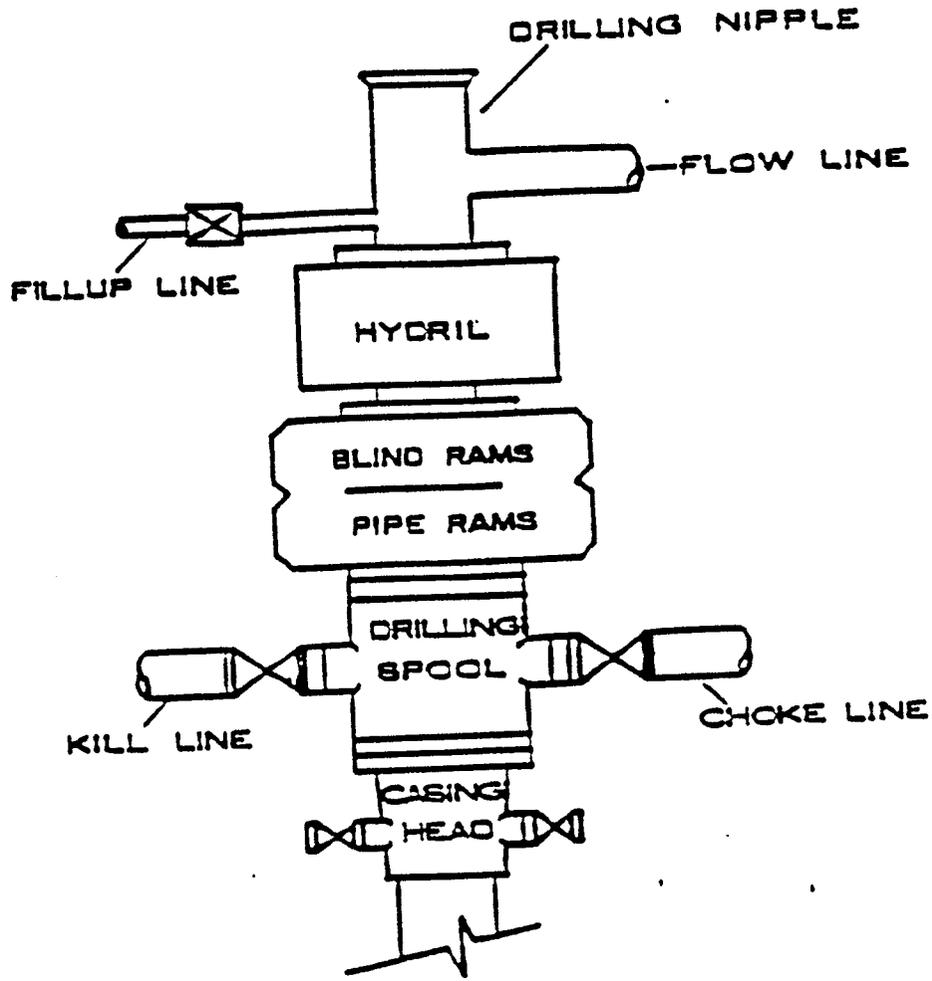
<b>CUT</b>	
(6") Topsoil Stripping	= 1,200 Cu. Yds.
Remaining Location	= 6,250 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 7,450 CU.YDS.</b>
<b>FILL</b>	<b>= 4,710 CU.YDS.</b>

EXCESS MATERIAL AFTER 5% COMPACTION	= 2,490 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 2,490 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 0 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017

3,000 PSI

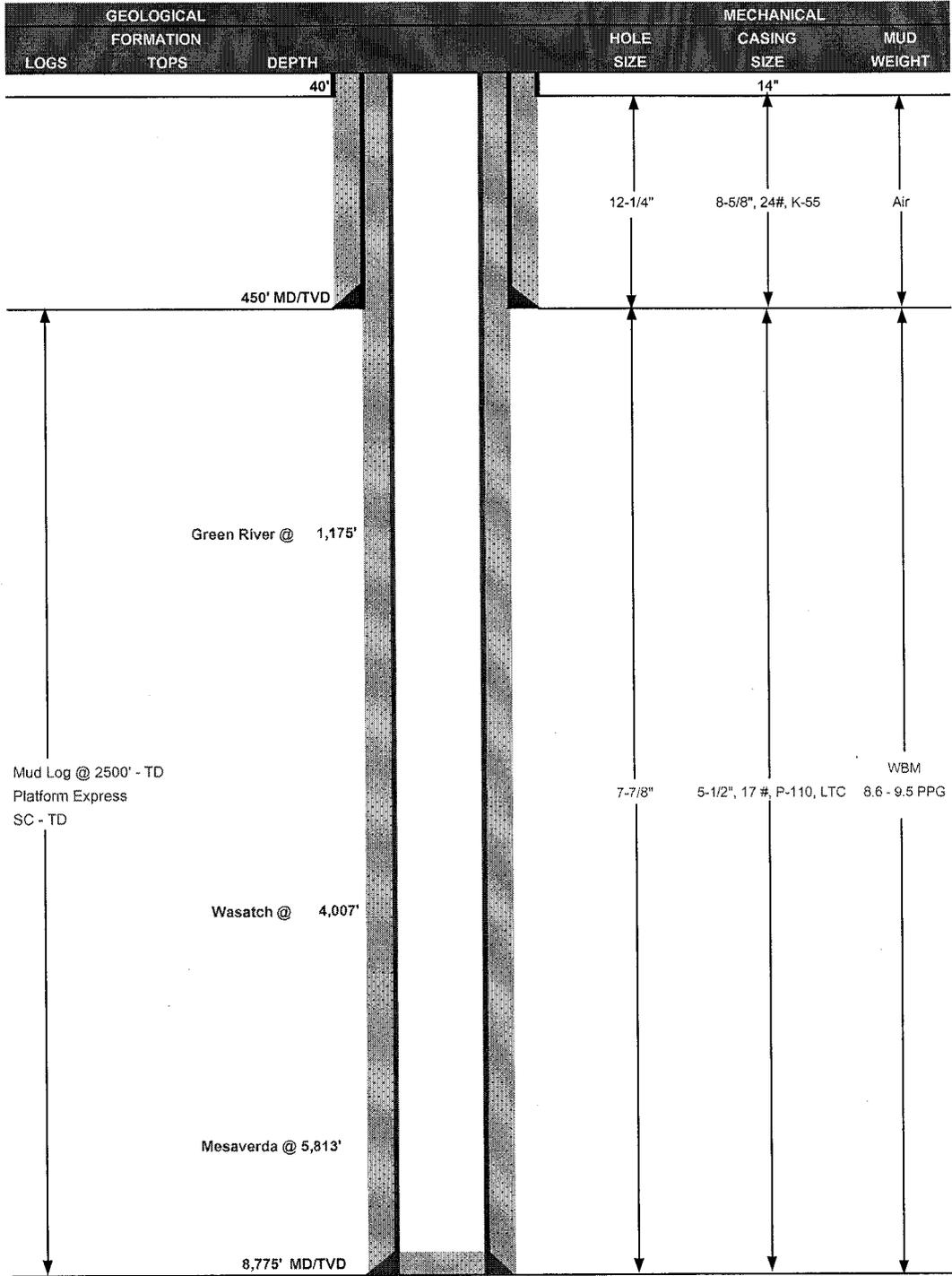
# BOP STACK



# COASTAL OIL & GAS CORPORATION

## DRILLING PROGRAM FOR APD

COMPANY NAME Coastal Oil & Gas Corporation DATE May 14, 2001  
 WELL NAME Bonanza # 10 - 2 TD 8,775' MD/TVD  
 FIELD Bonanza COUNTY Uintah STATE Utah ELEVATION 5,327' KB  
 SURFACE LOCATION 820' FNL, 566' FWL, NW/NW, SEC. 10, T10S, R23E BHL Straight Hole  
 OBJECTIVE ZONE(S) Wasatch, Mesaverda  
 ADDITIONAL INFO BLM, UTDOGM, TRI-COUNTY HEALTH DEPT, UINTAH COUNTY



## COASTAL OIL & GAS CORPORATION DRILLING PROGRAM FOR APD

### CASING PROGRAM

	SIZE	INTERVAL	WT.	GR.	CPLG.	DESIGN FACTORS		
						BURST	COLLAPSE	TENSION
CONDUCTOR	14"	0-40'						
SURFACE	8-5/8"	0-450'	24 #	K-55	STC	2950	1370	263000
						11.69	6.51	4.33
PRODUCTION*	5-1/2"	0-TD	17 #	P-110	LTC	10640	5860	568000
						3.43	1.28	2.85

- 1) Maximum Anticipated Surface Pressure (MASP) (Conductor and Surface Casings) = (Frac Gradient at Shoe - Gas Gradient (0.115 psi/ft))(TVD)
  - 2) MASP (Int Casing) = Pore Pressure at Next Casing Point - (Gas Gradient x TVD of Next Casing Point x 0.67) - (Mud Weight x TVD x 0.052 x 0.33)
  - 3) MASP (Prod Casing) = Pore Pressure - (Gas Gradient x TVD of Production Interval)
- (Burst Assumptions: FG @ 8-5/8" shoe = 13.0 ppg, Max Pore Pressure = 9.0 ppg EMW)  
 (Collapse Assumption: Fully Evacuated Casing, Max MW) (Tension Assumptions: Air Weight of Casing, 50,000 lbs overpull)

### CEMENT PROGRAM

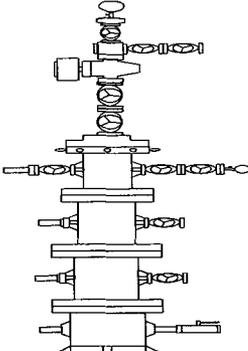
		FT. OF FILL	DESCRIPTION	SACKS	EXCESS*	WEIGHT	YIELD
SURFACE		450	Class G + 2% CaCl <sub>2</sub> + 0.25 lb/sk Cello Flake	150	35%	15.80	1.17
PRODUCTION	LEAD	3,507'	HiFill Mod. +16% gel + 3% salt + 10#/sk gilsonite + 1% HR7 + 0.6% Econolite + 0.2% FWCA + 0.25 lb/sk Flocele	380	50%	11.60	3.12
	TAIL	5,268'	50/50 POZ + 2% gel + 2% Microbond + 5% salt + 0.2% Super CBL + 0.6% HALAD 322 + 0.25 #/sk Flocele	1450	50%	14.35	1.25

\* or 15% over callper log

### FLOAT EQUIPMENT & CENTRALIZERS

SURFACE	Guide shoe, 1 jt, float collar. Centralize first 3 joints & every other joint to surface with bow spring centralizers. Thread lock FE up to & including pin end of FC.
PRODUCTION	Guide shoe, 1 jt, float collar. Centralize first 3 joints & every other joint to top of tail cement with bow spring centralizers.

### WELLHEAD EQUIPMENT

	TREE	2-1/16" 5M
	TUBING HEAD	11" 3M X 7-1/16" 5M
	CASING SPOOL	
	CASING SPOOL	
	CASING HEAD	8-5/8" SOW X 11" 3M

## COASTAL OIL & GAS CORPORATION DRILLING PROGRAM FOR APD

**BIT PROGRAM**

ROCK BIT & PDC BIT PROGRAM						
INTERVAL	HOLE	BIT MFG & MODEL	GPM	SERIAL	NZLS	COMMENTS
Surface Hole	12-1/4"	Various				
Surf Csg - TD	7-7/8"	F-45H	350	New	16-16-16	Mud Motor
If 2nd bit is required	7-7/8"	G536 or equivalent PDC	350	Rental	0.5 sqin TFA	Mud Motor
		3/4" cutter, 5-6 blades				

7 7/8" F-45H, run 50,000# WOB (app. 25 DC's) & 70 RPM

Run PDC bit if primary bit fails to reach TD

7-7/8" G536 PDC; Run 10K - 20K WOB & 50-80 RPM

Nozzle down PDC to 0.5 sqin TFA

**GEOLOGICAL DATA**

LOGGING:

Depth	Log Type
SC - TD	PEX

MUD LOGGER:

2500' - TD only if required by Geology

SAMPLES:

As per Geology

CORING:

NA

DST:

NA

**MUD PROGRAM**

DEPTH	TYPE	MUD WT	WATER LOSS	VISCOSITY	TREATMENT
SC - TD	water	Water	NC	27	Polymer, Gyp

Circ. Hole clean @ TD, spot brine pill @ TD for casing. Minimize corrosion chemicals

REPORT ALL LOSSES, INCLUDING SEEPAGE

**ADDITIONAL INFORMATION**

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DRILLING ENGINEER:

Ahmed Ismail

DATE:

DRILLING MANAGER:

Darrell Molnar

DATE:

DRILLING SUPERINTENDENT:

Larry Strasheim

DATE:

# CULTURAL RESOURCE EVALUATION OF 17 PROPOSED WELL LOCATIONS IN THE KENNEDY WASH, BONANZA & WONSITS FIELDS OF UINTAH COUNTY, UTAH

(Kennedy Wash #13-2 Bonanza #8-2, 9-5, 9-6, 10-2, 10-3, 10-4, 11-2,  
Wonsits Federal #1-6, 2-6, 3-6, 4-6, Wonsits State #9-32, 10-32, 11-32, 12-32, 13-32)

Report Prepared for El Paso Production Company  
(Coastal Oil & Gas Corporation)

Department of Interior Permit No.: Ut-54937

AERC Project 1689 (COG01-04B)

Utah State Permit No.: Ut01AF0023b

Author of Report: F. Richard Hauck, Ph.D.



**RECEIVED**

MAY 21 2001

DIVISION OF  
OIL, GAS AND MINING

**ARCHEOLOGICAL-ENVIRONMENTAL RESEARCH CORPORATION**

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March 30, 2001

## ABSTRACT

An intensive cultural resource evaluation has been conducted for Coastal Oil & Gas Corporation of 17 proposed well locations in the Kennedy Wash, Bonanza and Wonsits Fields (**Kennedy Wash Unit 13-2, Bonanza Units 8-2, 9-5, 9-6, 10-2, 10-3, 10-4, 11-2, Wonsits Federal Units 1-6, 2-6, 3-6, 4-6, Wonsits State Units 9-32, 10-32, 11-32, 12-32, 13-32**) and their respective access/pipeline corridors in Uintah County, Utah. About 213 acres (170 acres associated with well pads, 43 acres associated with 3.55 miles of access/pipeline corridors) were examined by AERC archaeologists during evaluations conducted between March 20 and 22, 2001.

No previously recorded cultural resources will be adversely affected by the proposed development. Site 42UN781 is situated ca. 100 meters to the west of Bonanza Unit 9-5; it is outside the development area and can easily be avoided during the construction of that location. Other known cultural sites situated in the general region are not endangered by direct adverse effect relative to these developments because of their distance from the present project areas.

No paleontological loci were observed.

No newly identified cultural resource sites or isolated diagnostic artifacts were recorded during the examination.

AERC recommends project clearance based upon adherence to the stipulations noted in the final section of this report.

## TABLE OF CONTENTS

	page
Abstract . . . . .	ii
Table of Contents . . . . .	iii
List of Maps of the Project Area . . . . .	iv
Colorado Resource Survey Management Information Form . . . . .	v
General Information . . . . .	1
Project Location . . . . .	1
Environment . . . . .	7
File Search . . . . .	7
Study Objectives and Expected Results . . . . .	8
Site Potential in the Development Zone . . . . .	8
Field Evaluations . . . . .	9
Methodology . . . . .	9
Site Significance Criteria . . . . .	9
Results of the Inventory . . . . .	10
Conclusion and Recommendations . . . . .	10
Bibliography . . . . .	11

**LIST OF MAPS OF THE PROJECT AREA**

	page
Map 1: General Project Area in Uintah County, Utah . . . . .	2
Map 2: Cultural Resource Evaluation of Coastal’s Kennedy Wash Federal Well Unit 13-2 in the Kennedy Wash Locality of Uintah County, Utah . . . . .	3
Map 3: Cultural Resource Evaluation of Bonanza Field Locations (Units 8-2, 9-5, 9-6, 10-2, 10-3, 10-4, 11-2) in Uintah County, Utah . . . . .	4
Map 4: Cultural Resource Evaluation of Wonsits Field Locations (Wonsits Federal Units 1-6, 2-6, 3-6, 4-6 Wonsits State Units 9-32, 10-32, 11-32, 12-32, 13-32) in Uintah County, Utah . . . . .	5

## GENERAL INFORMATION

The Coastal Oil & Gas Corporation (El Paso Production Company) 2001 development program involves the construction of 17 proposed well locations in the Kennedy Wash, Bonanza and Wonsits Fields (**Kennedy Wash Unit 13-2, Bonanza Units 8-2, 9-5, 9-6, 10-2, 10-3, 10-4, 11-2, Wonsits Federal Units 1-6, 2-6, 3-6, 4-6, Wonsits State Units 9-32, 10-32, 11-32, 12-32, 13-32** ) and their respective access/pipeline corridors in Uintah County, Utah. About 213 acres of proposed well pad locations and associated access/pipeline corridors were examined by AERC archaeologists during evaluations conducted between March 20 and 22, 2001. The project area is generally on public lands administered by the Vernal Office of the Bureau of Land Management in Vernal, Utah; the five Wonsits State locations are situated on Utah State School Trust Land, which is administered by the state of Utah. The project was conducted under Department of Interior Permit No. 54937 which expires on January 31, 2002. Utah State Project No.: Ut-01-AF-0023b.

The purpose of the field study and this report is to identify and document cultural site presence and to determine cultural resource National Register eligibility relative to established criteria (cf., 36 CFR 60.6). Federal regulations require an environmental assessment of the potential development area. One aspect of such an assessment involves a Class I (records search) and Class III (intensive survey) archaeological evaluation of the development area. Such investigations are accomplished in compliance with the Antiquities Act of 1906, the Historic Sites Act of 1935, Section 106 of the National Historic Preservation Act of 1966, as amended, the National Environmental Policy Act of 1969, the Federal Land Policy and Management Act of 1976, the Archaeological Resources Protection Act of 1979, the Native American Religious Freedom Act of 1978, the Historic Preservation Act of 1980, and Executive Order 11593.

To accomplish this investigation, a total of 213 acres was examined by the archaeologists.

All field notes and report information concerning this project are filed at the AERC office in Bountiful, Utah.

### Project Location

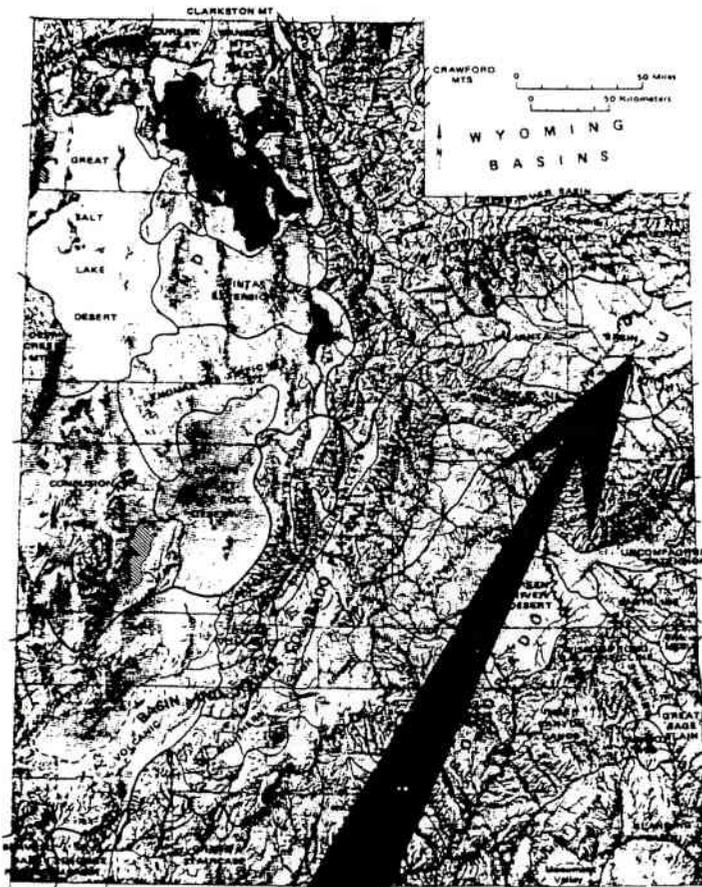
The project area is to the south and southwest of Vernal, Utah. The 17 proposed well developments are located in the Kennedy Wash, Seven Sisters and Deadman Bench localities and are identifiable on the Bonanza, Asphalt Wash and Red Wash NW topographic quads. Locations of each proposed well pad are as follows:

**Kennedy Wash Unit No. 13-2:** This location is situated in the NW quarter of the SW quarter of Section 13, Township 8 South, Range 23 East as shown on Map 2.

**MAP 1  
GENERAL PROJECT AREA IN  
UINTAH COUNTY, UTAH**



**PROJECT: COG01-04B  
SCALE: 1: 200,650  
DATE: 3/29/01**



**PROJECT AREA**

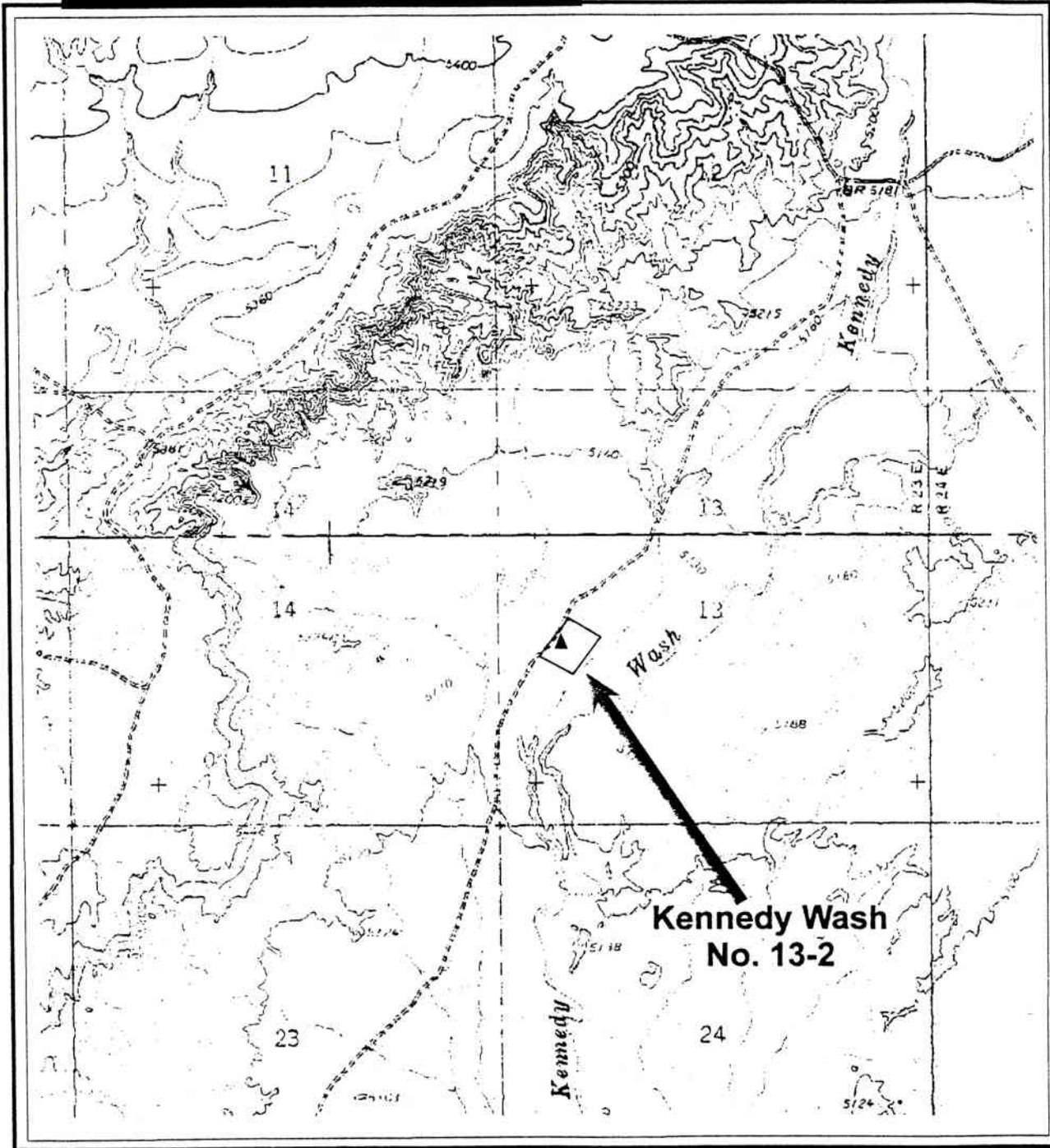
**TOWNSHIP: multiple  
RANGE: multiple  
MERIDIAN: multiple**

Utah Geological and Mineral Survey  
Map 43 1977  
Physiographic Subdivisions of Utah  
by W.L. Stokes

**MAP**  
**CULTURAL RESOURCE EVALUATION**  
**OF COASTALS, KENNEDY WASH**  
**WELL UNIT 13-2 IN UTAH COUNTY**  
**UTAH**



**PROJECT:** COG01-04B  
**SCALE:** 1:24,000  
**QUAD:** Bonanza  
**DATE:** March 29, 2001



**TOWNSHIP:** 8 South  
**RANGE:** 23 East  
**MERIDIAN:** Salt Lake  
 B. & M.

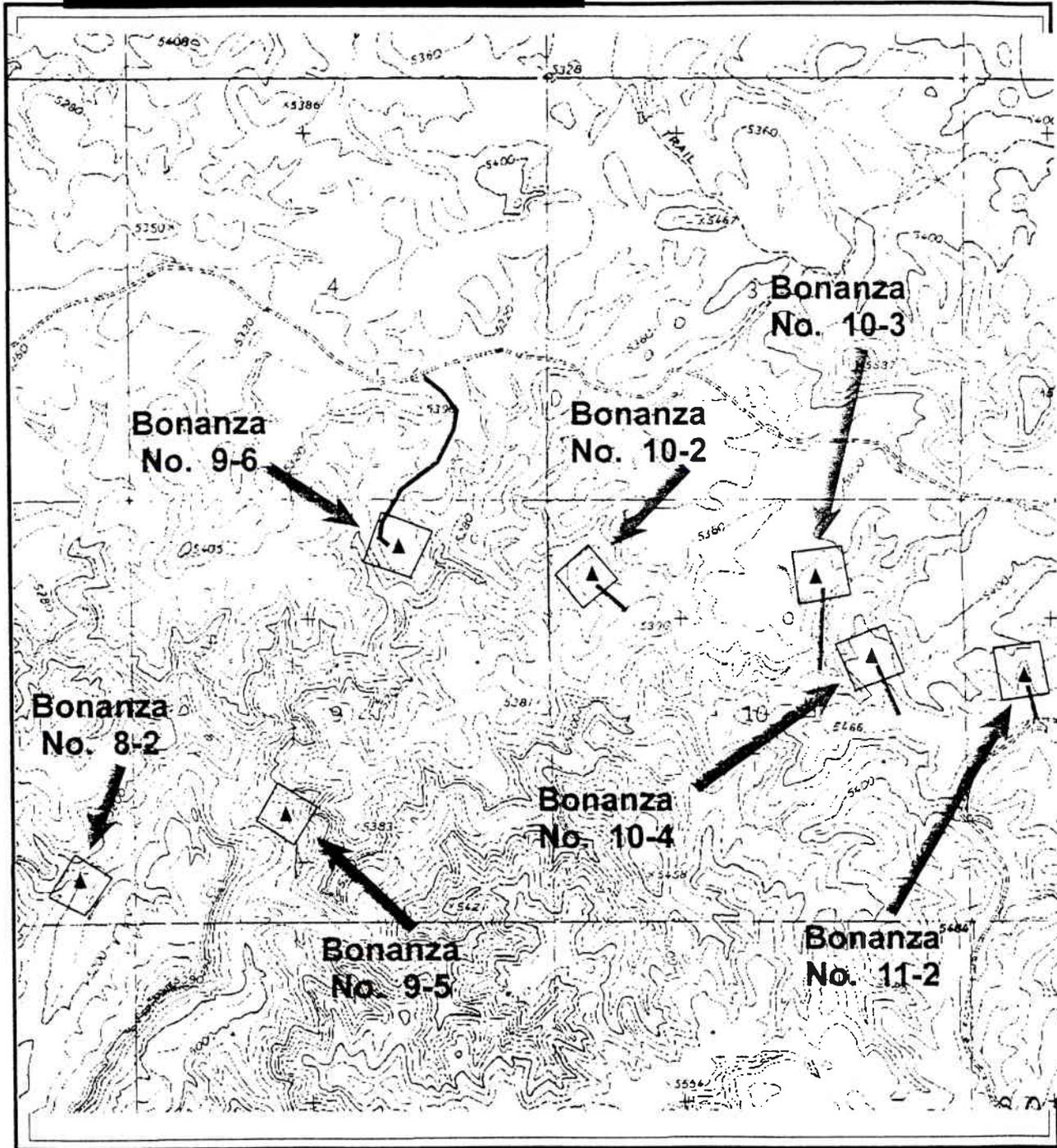
**LEGEND**

-  Well Location
-  Survey Area
-  Combined Access Route & Pipeline Corridor
-  Pipeline Corridor
-  Access Route

**MAP**  
**CULTURAL RESOURCE EVALUATION**  
**OF BONANZA FIELD LOCATIONS**  
**IN UTAH COUNTY, UTAH**



**PROJECT:** COG01-04B  
**SCALE:** 1:24,000  
**QUAD:** Asphalt Wash  
**DATE:** March 29, 2001



**TOWNSHIP:** 10 South  
**RANGE:** 23 East  
**MERIDIAN:** Salt Lake  
 B. & M.

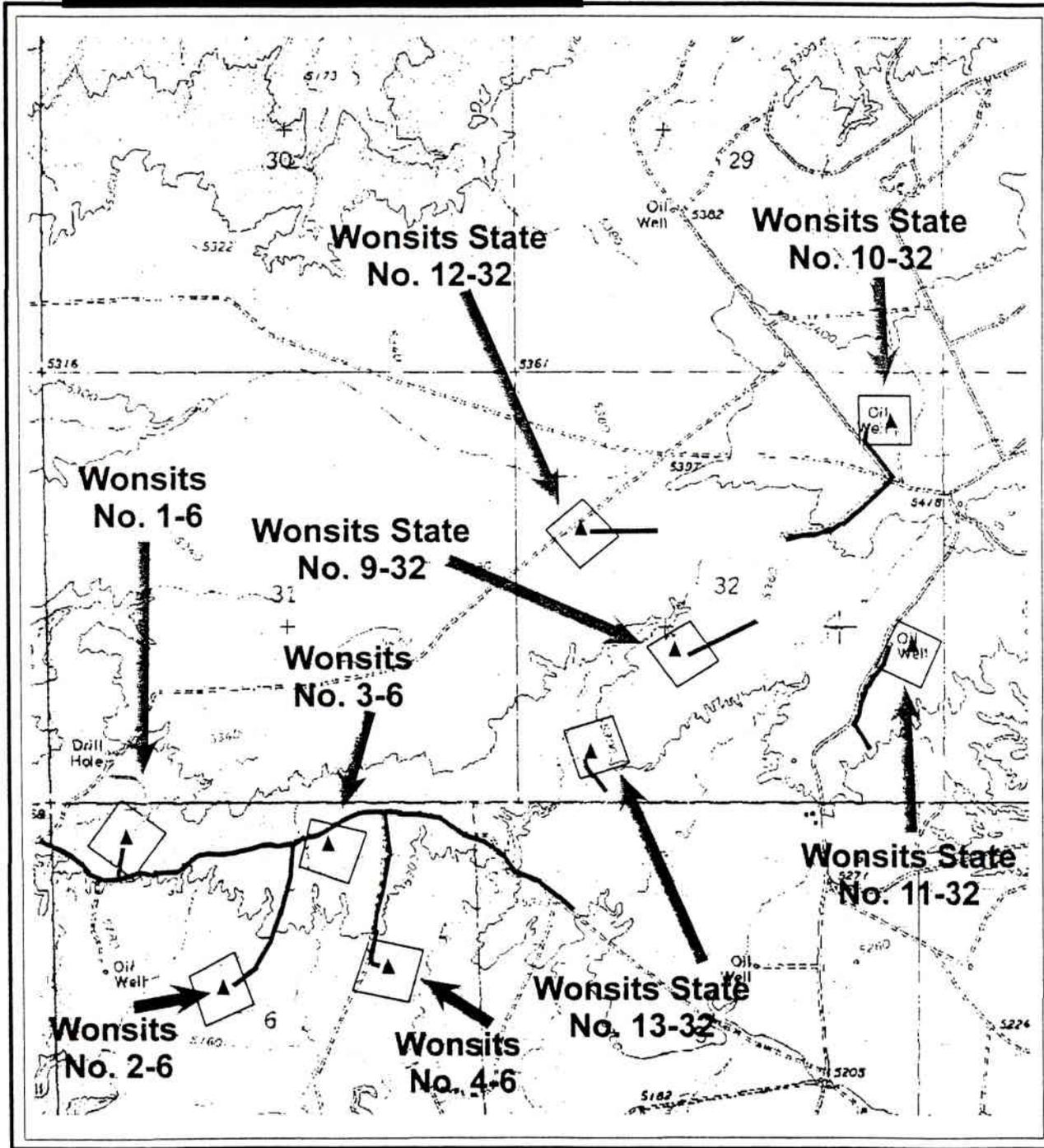
**LEGEND**

-  Well Location
-  Survey Area
-  Combined Access Route & Pipeline Corridor
-  Pipeline Corridor
-  Access Route

**MAPS**  
**CULTURAL RESOURCE EVALUATION**  
**OF WONSITS FIELD LOCATIONS**  
**IN UNTAH COUNTY, UTAH**



**PROJECT:** COG01-04B  
**SCALE:** 1:24,000  
**QUAD:** Red Wash NW  
**DATE:** March 29, 2001



**TOWNSHIP:** 7 & 8 South  
**RANGE:** 22 East  
**MERIDIAN:** Salt Lake  
 B. & M.

**LEGEND**

-  Well Location
-  Survey Area
-  Combined Access Route & Pipeline Corridor
-  Pipeline Corridor
-  Access Route

**Bonanza Unit No. 8-2:** This location is situated in the SE quarter of the SE quarter of Section 8, Township 10 South, Range 23 East as shown on Map 3.

**Bonanza Unit No. 9-5:** This location is situated in the SE quarter of the SW quarter of Section 9, Township 10 South, Range 23 East as shown on Map 3.

**Bonanza Unit No. 9-6:** This location is situated in the NW quarter of the NE quarter of Section 9, Township 10 South, Range 23 East. An access/pipeline corridor extending to the north from the location links with the existing road in the SE quarter of adjacent Section as shown on Map 3.

**Bonanza Unit No. 10-2:** This location is situated in the NW quarter of the NW quarter of Section 10, Township 10 South, Range 23 East. A short access/pipeline corridor extending to the southeast from the location was also examined as shown on Map 3.

**Bonanza Unit No. 10-3:** This location is situated in the NW quarter of the NE quarter of Section 10, Township 10 South, Range 23 East. An access corridor extending to the west from the location and a short pipeline corridor extending to the south from the location were also examined as shown on Map 3.

**Bonanza Unit No. 10-4:** This location is situated in the SW quarter of the NE quarter of Section 10, Township 10 South, Range 23 East. An access/pipeline corridor extending to the southeast from the location was also examined as shown on Map 3.

**Bonanza Unit No. 11-2:** This location is situated in the SW quarter of the NW quarter of Section 11, Township 10 South, Range 23 East. An access/pipeline corridor extending to the south from the location was also examined as shown on Map 3.

**Wonsits Federal Unit No. 1-6:** This location is situated in the NW quarter of the NW quarter of Section 6, Township 8 South, Range 22 East. An access corridor extending to the northwest from the location and a short pipeline corridor extending to the south from the location were also examined as shown on Map 4.

**Wonsits Federal Unit No. 2-6:** This location is situated in the SE quarter of the NW quarter of Section 6, Township 8 South, Range 22 East. An access/pipeline corridor extending to the north from the location was also examined as shown on Map 4.

**Wonsits Federal Unit No. 3-6:** This location is situated in the NW quarter of the NE quarter of Section 6, Township 8 South, Range 22 East as shown on Map 4.

**Wonsits Federal Unit No. 4-6:** This location is situated in the SW quarter of the NE quarter of Section 6, Township 8 South, Range 22 East. An access/pipeline corridor extending to the north from the location was also examined. That corridor links with an access/pipeline corridor that extends between the NW corner of Section 1, Township 8 South, Range 21 East through the

northern half of Section 6, Township 8 South, Range 22 East, to an existing well location in the center of adjacent Section 5 as shown on Map 4.

**Wonsits State Unit No. 9-32:** This location is situated in the NE quarter of the SW quarter of Section 32, Township 7 South, Range 22 East. An access/pipeline corridor extending to the northeast from the location was also examined as shown on Map 4.

**Wonsits State Unit No. 10-32:** This location is situated in the NE quarter of the NE quarter of Section 32, Township 7 South, Range 22 East. A pipeline corridor extending to the south and southwest from the location was also examined as shown on Map 4.

**Wonsits State Unit No. 11-32:** This location is situated in the NE quarter of the SE quarter of Section 32, Township 7 South, Range 22 East. A pipeline corridor extending to the south from the location was also examined as shown on Map 4.

**Wonsits State Unit No. 12-32:** This location is situated in the SW quarter of the NW quarter of Section 32, Township 7 South, Range 22 East. A pipeline corridor extending to the east from the location was also examined as shown on Map 4.

**Wonsits State Unit No. 13-32:** This location is situated in the SW quarter of the SW quarter of Section 32, Township 7 South, Range 22 East. An access/pipeline corridor extending to the south from the location was also examined as shown on Map 4.

### **Environment**

The approximate elevations for the proposed pipeline corridor as described above range from 5100 to 5400 feet above sea level. Ephemeral drainages in the project area are associated with tributaries that drain southward into the White River.

The vegetation of the project locality is primarily associated with the sage rangeland environment. Vegetation species commonly found in this general area include *Artemisia tridentata*, *Chrysothamnus nauseosus*, *Atriplex spp.*, *Sarcobatus vermiculatus*, *Opuntia polyacantha*, *Ephedra spp.* and various grasses including *Hordeum jubatum* and *Bromus tectorum*. Surrounding vegetation consists of *Artemisia tridentata* and *Ephedra spp.*

The project area is situated in the Colorado Plateau physiographic province.

### **File Search**

Records searches were conducted Vernal District Area office on March 15, 2001 and at the Antiquities Section in Salt Lake City on January 12, March 16 and March 19, 2001. Earlier projects conducted in these specific project localities include the following: 78-AF-343, 79-AF-317, 79-NH-278, 79-NH-297, 79-NH-343, 79-UA-205, 80-PA-499, 81-UB-620, 81-NH-564, 81-

NH-590, 83-BC-465, 83-BC-846, 83-BC-420, 84-AF-0391, 87-SJ-486, 89-AF-660, 89-BL-224, 90-AF-133, 90-AF-608, 91-AF-301, 94-CB-223, 94-GB-223, 95-AF-836, 96-MM-106, 98-AF-339, 00-AF-267 and 00-AF-461.

Other archaeological consultants in addition to AERC and the local BLM archaeologists that have worked in the project area include personnel from Montgomery Archaeological Consultants, Alpine Archaeological Consultants, Nickens and Associates, Brigham Young University, and Grand River Institute. Known archaeological sites within the project areas include: 42UN784, 42UN800, 42UN1166 and 42UN2109, .

Previous evaluations and area inventories indicate the occupation of the general cultural region has included diverse prehistoric and historic occupations (ranging from Paleoindian through late prehistoric Shoshonean and historic Ute/Euro-American). For a comprehensive treatment of the prehistory and history of this general cultural area see Archaeological Evaluations in the Northern Colorado Plateau Cultural Area (Hauck 1991)

The National Register of Historic Places has been consulted and no registered historic or prehistoric properties will be affected by the proposed development.

### **STUDY OBJECTIVES AND EXPECTED RESULTS**

The purpose of this evaluation was to identify, evaluate, and record any cultural resources encountered within the proposed Coastal Oil & Gas pipeline development area; to determine the significance of identified resources; and to recommend appropriate mitigation measures relative to the preservation of resources found to be endangered by the project.

These objectives were accomplished by seeking surface indications of cultural resource presence. Cultural resource sites would be identified by the presence of three or more associated artifacts and/or features that demonstrate the presence of patterned human activity and then recorded on the appropriate IMACS forms.

The previous identification of prehistoric and historic cultural resources in the general area indicated a possibility that additional resources could be discovered during these evaluations.

No constraints, e.g., snow cover, dense vegetation, difficult weather, were imposed on the evaluation of this pipeline corridor; all of the snow-cover in the project area had melted when the project was completed on March 27, 2001.

### **Site Potential in the Project Development Zone**

Previous archaeological evaluations in this general region have resulted in the identification and recording of limited archaeological resources in this locality. Such prehistoric

sites as have been recorded demonstrate a definitive selection of environmental community and water resource.

## **FIELD EVALUATIONS**

### **Methodology**

To accomplish an intensive evaluation of the 17 well locations and access/pipeline corridors as shown on the maps, the archaeologists examined ten acre parcels surrounding each well center and 30 meter-wide pipeline/access corridors. All together, a 100% pedestrian survey was conducted of about 213 acres.

When cultural materials are discovered, the archaeologist conducts a careful search of the vicinity to locate and evaluate features, artifact types and concentrations, site spatial associations, and temporal identifications. Sites and isolates are then recorded on the appropriate forms, locations sketched, perimeters marked on a topographic map, and photographs taken. Copies of these reports are provided to the appropriate State and Federal offices as attachments to the final report.

In certain instances, the cultural sites are then evaluated for depth potential utilizing AERC's portable Ground Penetrating Radar (GPR) computerized system (SIR-2 manufactured by Geophysical Survey Systems, Inc. [GSSI] of North Salem, New Hampshire). GPR was not used during this project.

Cultural sites are then evaluated for significance utilizing the standards described below and mitigation recommendations are considered as a means of preserving significant resources which may be situated within the development zone.

### **Site Significance Criteria**

The various criteria relative to establishing the eligibility of prehistoric and historic cultural sites preparatory to their potential nomination to the National Register of Historic Places have been outlined as follows in the National Register's Criteria for Evaluation as established in Title 36 CFR 60.6:

*The quality of significance in American ... archaeology ... and culture is present in ... sites ... that possess integrity of location, design, setting, materials, workmanship, feeling, and association and:*

- a. That are associated with events that have made a significant contribution to the broad patterns of our history; or*
- b. that are associated with the lives of persons significant in our past; or*
- c. that embody the distinctive characteristics of a type, period, or method of construction ... ; or*
- d. that have yielded, or may be likely to yield, information important in prehistory or history.*

In addition to satisfying one or more of these general conditions, a significant cultural resource site in Utah will generally be considered as being eligible for inclusion in the National Register if it still retains its integrity and can contribute to our current state of knowledge concerning chronology, cultural relationships, origins, and cultural life ways of prehistoric or historic groups in the area.

In a final review of any site's cultural significance, the site must possess integrity and at least one of the above criteria to be considered eligible for nomination to the National Record of Historic Places.

### **Results of the Inventory**

During the survey of the various well locations and access/pipeline corridors referenced in this report, no newly identified cultural resources were encountered and recorded as sites or isolated diagnostic artifacts. An isolated chopper and several flakes associated with tap and test evaluations were observed on the access corridor into Wonsits Federal Unit No. 1-6. An isolated flake was also observed at the junction of the access/pipeline corridor in the NE of the NE quarter of Section 1, Township 8 South, Range 21 East (see Map 4).

No previously recorded cultural resources will be adversely affected by the proposed development. Site 42UN781 is situated ca. 100 meters to the west of Bonanza Unit 9-5; it is outside the development area and can easily be avoided during the construction of that location. This site was recorded by AERC in 1979 (cf., Hauck and Norman 1979). Other known cultural sites situated in the general region are not endangered by direct adverse effect relative to these developments because of their distance from the present project areas.

No paleontological loci were observed.

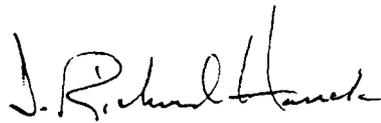
No newly identified cultural resource sites were recorded during the examination.

### **CONCLUSION AND RECOMMENDATIONS**

AERC recommends that a cultural resource clearance be granted to Coastal Oil & Gas Corporation relative to the development of 17 proposed well locations in the Kennedy Wash, Bonanza and Wonsits Fields (**Kennedy Wash Unit 13-2, Bonanza Units 8-2, 9-5, 9-6, 10-2, 10-3, 10-4, 11-2, Wonsits Federal Units 1-6, 2-6, 3-6, 4-6, Wonsits State Units 9-32, 10-32, 11-32, 12-32, 13-32** ) and their respective access/pipeline corridors as referenced in this report based upon adherence to the following stipulations:

1. All vehicle traffic, personnel movement, and construction should be confined to the flagged pipeline corridor as referenced in this report, or to existing routes;

2. All personnel should refrain from collecting artifacts or from disturbing any cultural resources in the area; and
3. The principal authority should be consulted should cultural remains from subsurface deposits be exposed during exploratory and developmental work or if the need arises to relocate or otherwise alter the development area; and
4. The development of Bonanza Unit 9-5 should be confined to the existing perimeters of the staked location. Any disturbance of cultural resources in that location's vicinity may result in the Bureau of Land Management requiring extensive mitigation of affected resources through archaeological excavation.



F. Richard Hauck, Ph.D.  
President and Principal  
Investigator

## **BIBLIOGRAPHY**

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Hauck, F. Richard

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- 2000a Cultural Resource Evaluation of Three Proposed (Kennedy Wash) Units (State 16-1, Federal 13-1 & Federal 8-1) in the Kennedy Wash Locality of Uintah County, Utah. (COG00-12), Archeological-Environmental Research Corporation, Bountiful.
- 2000b Cultural Resource Evaluations of Five Proposed Coastal Oil & Gas Wells (Units 3-1, 4-1, 6-1, 11-1, & 14-1) in the Kennedy Wash Locality of Uintah County, Utah. (COG00-19), Archeological-Environmental Research Corporation, Bountiful.
- 2001a Cultural Resource Evaluations of 9 Proposed Coastal Oil & Gas Well Locations (Units 10-1, 3-8-23-22, 3-8-23-24, 3-8-23-42, 3-8-23-44, 7-8-23-14, 12-8-22-34, 13-8-22-32 & 18-8-23-12) in the Kennedy Wash Field of Uintah County, Utah. (COG01-04A), Archeological-Environmental Research Corporation, Bountiful.

- 2001b Cultural Resource Evaluations of 17 Proposed Well Locations in the Kennedy Wash, Bonanza and Wonsits Fields (Kennedy Wash Unit 13-2, Bonanza Units 8-2, 9-5, 9-6, 10-2, 10-3, 10-4, 11-2, Wonsits Federal Units 1-6, 2-6, 3-6, 4-6, Wonsits State Units 9-32, 10-32, 11-32, 12-32, 13-32 ) of Uintah County, Utah. (COG01-04B), Archeological-Environmental Research Corporation, Bountiful.
- Hauck, F. Richard, Richard Beaty and Dennis G. Weder  
 1990 Prehistoric Occupations in the Red Wash Locality of Uintah County, Utah. AERC Paper No. 44, of the Archeological-Environmental Research Corporation, Bountiful.
- Hauck, F.R. and Garth Norman  
 1979 Archaeological Reconnaissance of a Proposed Access Road in the Southman Canyon Locality of Uintah County, Utah. (GOC79-3), Archeological-Environmental Research Corporation, Bountiful.
- 1980 Final Report on the Mapco River Bend Cultural Mitigation Study. AERC Paper No. 18, of the Archeological-Environmental Research Corporation, Bountiful.
- Jacklin, Marion  
 1981 Reconnaissance of Pipeline Right-of-way 81018 - Federal 23-17 & Right-of-way 8036 - Federal 23-25. Archeological Research Corporation, Spanish Fork.
- Larralde, Sigma L. and Paul R. Nikens.  
 1980 Archaeological Inventory in the Red Wash Cultural Study Tract, Uintah County, Utah. Nickens & Associates, Montrose.
- Larralde, Sigma L. and Susan Chandler.  
 1981 Archaeological Inventory in the Seep Ridge Cultural Study Tract, Uintah County, Northeastern Utah with A Regional Predictive Model for Site Location. Nickens & Associates, Montrose.
- Polk, Michael R.  
 1987 A Cultural Resources Survey of a Moon Lake Electric Transmission Line Corridor on Deadman Bench, Uintah County, Utah. Sagebrush Archaeological Consultants, Ogden.
- Simms, Steven R.  
 1979 A Cultural Resource Inventory of the Riverbend Gathering System Uintah County, Utah. Archaeological Center, University of Utah, Salt Lake City.
- Stokes, W.L.  
 1977 Physiographic Subdivisions of Utah. Map 43, Utah Geological and Mineral Survey, Salt Lake City.

U.S.  
Department of the Interior  
Bureau of Land Management  
Utah State Office  
(AERC FORMAT)  
Summary Report of  
Inspection for Cultural Resources

Project  
Authorization No UT-01-~~1~~ 0023b

Report Acceptable Yes \_\_\_ No \_\_\_  
Mitigation Acceptable Yes \_\_\_ No \_\_\_  
Comments: \_\_\_\_\_

***Cultural Resource Evaluation of 17 Proposed Well Locations in the Kennedy Wash, Bonanza & Wonsits Fields of Uintah County, Utah (Kennedy Wash Unit 13-2, Bonanza Units 8-2, 9-5, 9-6, 10-2, 10-3, 10-4, 11-2, Wonsits Federal Units 1-6, 2-6, 3-6, 4-6, Wonsits State Units 9-32, 10-32, 11-32, 12-32, 13-32)***

1. Report Title . . . . .  
2. Development Company El Paso Production Company (Coastal Oil & Gas Corporation)  
3. Report Date . . . 03/30/01 . . . . . 4. Antiquities Permit No. UT-00-54937  
5. Responsible Institution . . . AERC COG01-04B . . . . . County Uintah  
6. Fieldwork Location: TWN . . 8 S . RNG . . 23 E. Section 13, TWN . 10 S . RNG 23 E . Sections 8-11, TWN . . 7 S . RNG . 22 E. Sections 31 & 32, TWN . . 8 S . RNG . . 22 E. Sections 5 & 6  
7. Resource Area BC.

8. Description of Examination Procedures: *The archeologists, F.R. Hauck, Alan Hutchinson, Matt Boyten, Lolita Nikolova & Mary Martin intensively examined the 17 well pads (10 acre parcels) and the access/pipeline routes (100 feet-wide) by walking a series of 15 to 20 meter-wide transects.*

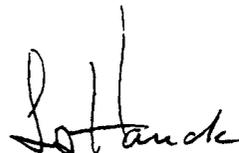
9. Linear Miles Surveyed \_\_\_\_\_ 10. Inventory Type .I.  
and/or \_\_\_\_\_  
Definable Acres Surveyed \_\_\_\_\_ R = Reconnaissance  
and/or \_\_\_\_\_ I = Intensive  
Legally Undefinable \_\_\_\_\_ S = Statistical Sample  
Acres Surveyed 213

11. Description of Findings: No cultural resources observed or recorded. 12. Number Sites Found .0. (No sites = 0)  
13. Collection: .N. (Y = Yes, N = No)

14. Actual/Potential National Register Properties Affected:  
*The National Register of Historic Places (NRHP) has been consulted and no registered properties will be affected by the proposed development.*

15. Literature Search, Location/ Date: Utah SHPO 01-12-01, 03-16-01, 03-19-01, Vernal BLM 03-15-01

16. Conclusion/ Recommendations:  
AERC recommends that a cultural resource clearance be granted to Coastal Oil & Gas Corporation for this proposed development based on the following stipulations:  
1. All vehicular traffic, personnel movement, construction and restoration operations should be confined to the existing corridor.  
2. All personnel should refrain from collecting artifacts and from disturbing any significant cultural resources in the area.  
3. The authorized official should be consulted should cultural remains from subsurface deposits be exposed during construction work or if the need arises to relocate or otherwise alter the location of the development.  
4. The development of Bonanza Unit 9-5 should be confined to the existing perimeters of the staked location. Any disturbance of cultural resources in that location's vicinity may result in the Bureau of Land Management requiring extensive mitigation of affected resources through archaeological excavation.

17. Signature of Administrator & Field Supervisor:  
Administrator:   
Field Supervisor: \_\_\_\_\_

**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 05/21/2001

43-047-34089

WELL NAME: BONANZA 10-2

OPERATOR: COASTAL OIL & GAS CORP ( N0230 )

CONTACT: CHERYL CAMERON

PHONE NUMBER: 435-781-7023

PROPOSED LOCATION:

NWNW 10 100S 230E  
 SURFACE: 0991 FNL 0510 FWL  
 BOTTOM: 0991 FNL 0510 FWL  
 UINTAH  
 NATURAL BUTTES ( 630 )

LEASE TYPE: 1 - Federal

LEASE NUMBER: U-72028

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: WSMVD

INSPECT LOCATN BY: / /		
<b>Tech Review</b>	<b>Initials</b>	<b>Date</b>
Engineering		
Geology		
Surface		

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. U-605382-9 )
- Potash (Y/N)
- Oil Shale (Y/N) \*190-5 (B) or 190-3
- Water Permit  
(No. 43-8496 )
- RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )
- Fee Surf Agreement (Y/N)

LOCATION AND SITING:

- R649-2-3. Unit \_\_\_\_\_
- R649-3-2. General  
Siting: 460' From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit  
Board Cause No: 179-9 (4/320')  
Eff Date: 12-28-99  
Siting: 460' f. Dr. Unit Boundary & 920' between wells.
- R649-3-11. Directional Drill

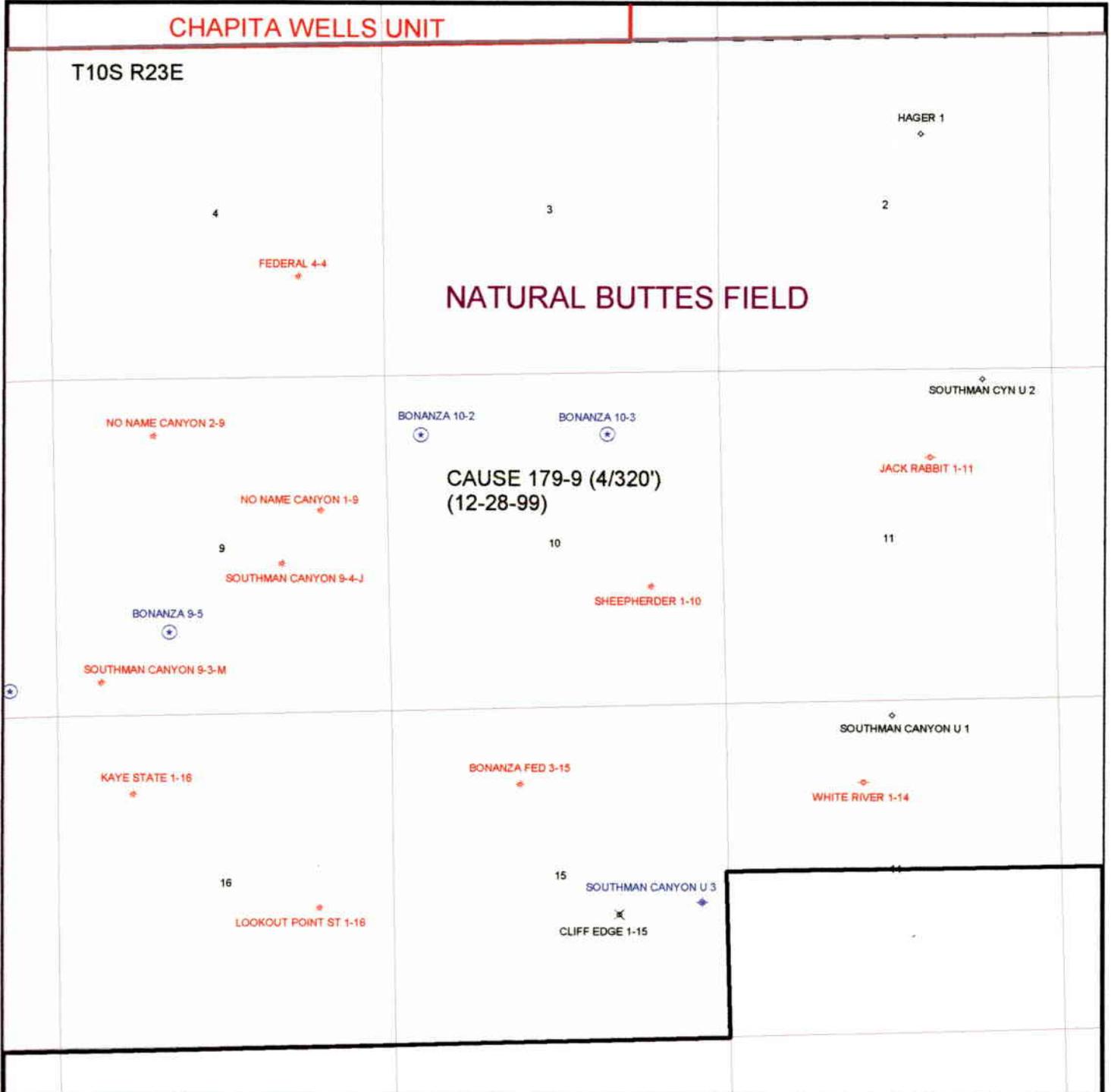
COMMENTS:

STIPULATIONS:

① FEDERAL APPROVAL



OPERATOR: COASTAL O&G CORP (N0230)  
 SEC. 10, T10S, R23E  
 FIELD: NATURAL BUTTES (630)  
 COUNTY: UINTAH CAUSE: 179-9 (4/320')





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

Michael O. Leavitt  
Governor

Kathleen Clarke  
Executive Director

Lowell P. Braxton  
Division Director

1594 West North Temple, Suite 1210  
PO Box 145801  
Salt Lake City, Utah 84114-5801  
801-538-5340  
801-359-3940 (Fax)  
801-538-7223 (TDD)

May 24, 2001

Coastal Oil & Gas Corporation  
PO Box 1148  
Vernal, UT 84078

Re: Bonanza 10-2 Well, 991' FNL, 510' FWL, NW NW, Sec. 10 , T. 10 South, R. 23 East,  
Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-34089.

Sincerely,

A handwritten signature in black ink that reads "John R. Baza".

John R. Baza  
Associate Director

er

Enclosures

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

**Operator:** Coastal Oil & Gas Corporation  
**Well Name & Number** Bonanza 10-2  
**API Number:** 43-047-34089  
**Lease:** U 72028

**Location:** NW NW      **Sec.** 10      **T.** 10 South      **R.** 23 East

### **Conditions of Approval**

**1. General**

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

**2. Notification Requirements**

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

**3. Reporting Requirements**

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

**4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.**

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL  GAS WELL  OTHER \_\_\_\_\_

2. NAME OF OPERATOR: El Paso Production Oil & Gas Company

3. ADDRESS OF OPERATOR: 8 South 1200 East CITY Vernal STATE Utah ZIP 84078 PHONE NUMBER: 435-789-4433

4. LOCATION OF WELL FOOTAGES AT SURFACE: COUNTY: \_\_\_\_\_

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: UTAH

5. LEASE DESIGNATION AND SERIAL NUMBER:  
6. IF INDIAN ALLOTTEE OR TRIBE NAME:  
7. UNIT or CA AGREEMENT NAME:  
8. WELL NAME and NUMBER: Exhibit "A"  
9. API NUMBER:  
10. FIELD AND POOL, OR WILDCAT:

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Name Change</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

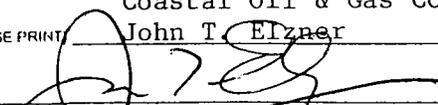
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

As a result of the merger between The Coastal Corporation and a wholly owned subsidiary of El Paso Energy Corporation, the name of Coastal Oil & Gas Corporation has been changed to El Paso Production Oil & Gas Company effective March 9, 2001.

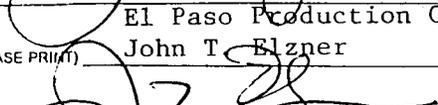
See Exhibit "A"

Bond # 400JU0708

NAME (PLEASE PRINT) Coastal Oil & Gas Corporation John T. Elzner TITLE Vice President

SIGNATURE  DATE 06-15-01

NAME (PLEASE PRINT) El Paso Production Oil & Gas Company John T. Elzner TITLE Vice President

SIGNATURE  DATE 06-15-01

(This space for State use only)

RECEIVED

JUN 19 2001

State of Delaware  
Office of the Secretary of State

---

PAGE 1

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "COASTAL OIL & GAS CORPORATION", CHANGING ITS NAME FROM "COASTAL OIL & GAS CORPORATION" TO "EL PASO PRODUCTION OIL & GAS COMPANY", FILED IN THIS OFFICE ON THE NINTH DAY OF MARCH, A.D. 2001, AT 11 O'CLOCK A.M.

RECEIVED

MAR 9 2001

DIVISION OF  
OIL, GAS AND MINING



*Harriet Smith Windsor*  
Harriet Smith Windsor, Secretary of State

0610204 8100

AUTHENTICATION: 1061007

010162788

DATE: 04-03-01

**CERTIFICATE OF AMENDMENT**

**OF**

**CERTIFICATE OF INCORPORATION**

COASTAL OIL & GAS CORPORATION (the "Company"), a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware, DOES HEREBY CERTIFY:

FIRST: That the Board of Directors of the Company, by the unanimous written consent of its members, filed with the minutes of the Board, adopted a resolution proposing and declaring advisable the following amendment to the Certificate of Incorporation of the Company:

RESOLVED that it is deemed advisable that the Certificate of Incorporation of this Company be amended, and that said Certificate of Incorporation be so amended, by changing the Article thereof numbered "FIRST." so that, as amended, said Article shall be and read as follows:

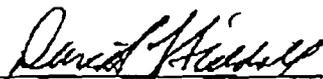
"FIRST. The name of the corporation is El Paso Production Oil & Gas Company."

SECOND: That in lieu of a meeting and vote of stockholders, the stockholders entitled to vote have given unanimous written consent to said amendment in accordance with the provisions of Section 228 of the General Corporation Law of the State of Delaware.

THIRD: That the aforesaid amendment was duly adopted in accordance with the applicable provisions of Sections 242 and 228 of the General Corporation Law of the State of Delaware.

IN WITNESS WHEREOF, said COASTAL OIL & GAS CORPORATION has caused this certificate to be signed on its behalf by a Vice President and attested by an Assistant Secretary, this 9th day of March 2001.

COASTAL OIL & GAS CORPORATION



David L. Siddall  
Vice President

Attest:

  
Margaret E. Roark, Assistant Secretary

**RECEIVED**

STATE OF DELAWARE  
SECRETARY OF STATE  
DIVISION OF CORPORATIONS  
FILED 11:00 AM 03/09/2001  
010118394 - 0610204

JUN 19 2001

DIVISION OF  
OIL, GAS AND MINING



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

# RECEIVED

JUL 12 2001

DIVISION OF  
OIL, GAS AND MINING

In Reply Refer To:  
3106  
UTSL-065841  
(UT-924)

JUL 10 2001

### NOTICE

El Paso Production Oil & Gas Company : Oil and Gas  
Nine Greenway Plaza :  
Houston TX 77046-0095 :

#### Name Change Recognized

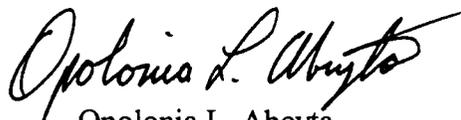
Acceptable evidence has been received in this office concerning the name change of Coastal Oil & Gas Corporation into El Paso Production Oil & Gas Company with El Paso Production Oil & Gas Company being the surviving entity.

For our purposes, the name change is recognized effective March 9, 2001.

The oil and gas lease files identified on the enclosed exhibit have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our computer program. We have not abstracted the lease files to determine if the entities affected by this name change hold an interest in the leases identified nor have we attempted to identify leases where the entities are the operator on the ground maintaining no vested recorded title or operating rights interests. We will be notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

If you identify additional leases in which the entities maintain an interest, please contact this office and we will appropriately document those files with a copy of this Notice.

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Coastal Oil & Gas Corporation to El Paso Production Oil & Gas Company. You may accomplish this either by consent of surety rider on the original bond or a rider to the original bond. The bonds are held in Wyoming and Colorado.



Opolonia L. Abeyta  
Acting Chief, Branch of  
Minerals Adjudication

Enclosure

1. Exhibit of Leases (1 pp)

cc: Moab Field Office  
Vernal Field Office  
MMS, Reference Data Branch, MS3130, PO Box 5860, Denver CO 80217  
~~State of Utah, DOGM,~~ Attn: Jim Thompson (Ste. 1210), Box 145801, SLC UT 84114  
Teresa Thompson (UT-922)  
Joe Incardine (UT-921)

Exhibit of Leases

UTUSL-065841A	UTU-47172	UTU-74415	UTU-53860
UTU-28652	UTU-50687	UTU-74416	UTU-66401
UTU-37943	UTU-52298	UTU-75091	UTU-67868
UTU-44089	UTU-0109054	UTU-75096	UTU-65389
UTU-44090A	UTU-0143511	UTU-75097	UTU-77084
UTU-61263	UTU-0143512	UTU-75673	UTU-61430
UTU-00343	UTU-38401	UTU-76259	UTU-72633
UTU-02651	UTU-38411	UTU-76260	UTU-72650
UTU-02651B	UTU-38418	UTU-76261	UTU-49692
UTU-0142175	UTU-38419	UTU-76493	UTU-57894
UTU-70235	UTU-38420	UTU-76495	UTU-76829
UTU-70406	UTU-38421	UTU-76503	UTU-76830
UTU-74954	UTU-38423	UTU-78228	UTU-76831
UTU-75132	UTU-38424	UTU-78714	
UTU-75699	UTU-38425	UTU-78727	
UTU-76242	UTU-38426	UTU-78734	
UTU-78032	UTU-38427	UTU-79012	
UTU-4377	UTU-38428	UTU-79011	
UTU-4378	UTU-53861	UTU-71694	
UTU-7386	UTU-58097	UTU-00576	
UTU-8344A	UTU-64376	UTU-00647	
UTU-8345	UTU-65222	UTU-01470D	
UTU-8347	UTU-65223	UTU-0136484	
UTU-8621	UTU-66746	UTU-8344	
UTU-14646	UTU-67178	UTU-8346	
UTU-15855	UTU-67549	UTU-8648	
UTU-25880	UTU-72028	UTU-28212	
UTU-28213	UTU-72632	UTU-30289	
UTU-29535	UTU-73009	UTU-31260	
UTU-29797	UTU-73010	UTU-33433	
UTU-31736	UTU-73013	UTU-34711	
UTU-34350	UTU-73175	UTU-46699	
UTU-34705	UTU-73434	UTU-78852	
UTU-37116	UTU-73435	UTU-78853	
UTU-37355	UTU-73444	UTU-78854	
UTU-37573	UTU-73450	UTU-075939	
UTU-38261	UTU-73900	UTU-0149767	
UTU-39223	UTU-74409	UTU-2078	
UTU-40729	UTU-74410	UTU-44426	
UTU-40736	UTU-74413	UTU-49530	
UTU-42469	UTU-74414	UTU-51026	

**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. GLH		4-KAS
2. CDW ✓		5-LP ✓
3. JLT		6-FILE

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

**X** Merger

The operator of the well(s) listed below has changed, effective: **3-09-2001**

<b>FROM: (Old Operator):</b>
COASTAL OIL & GAS CORPORATION
Address: 9 GREENWAY PLAZA STE 2721
HOUSTON, TX 77046-0995
Phone: 1-(713)-418-4635
Account N0230

<b>TO: ( New Operator):</b>
EL PASO PRODUCTION OIL & GAS COMPANY
Address: 9 GREENWAY PLAZA STE 2721 RM 2975B
HOUSTON, TX 77046-0995
Phone: 1-(832)-676-4721
Account N1845

**CA No.**

**Unit:**

**WELL(S)**

NAME	API NO	ENTITY NO	SEC TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
HSB FEDERAL 3-1	43-047-33831	13146	03-07S-21E	FEDERAL	GW	S
WONSITS FEDERAL 1-6	43-047-34081	99999	06-08S-22E	FEDERAL	GW	APD
WONSITS FEDERAL 2-6	43-047-34082	99999	06-08S-22E	FEDERAL	GW	APD
WONSITS FEDERAL 3-6	43-047-34059	99999	06-08S-22E	FEDERAL	GW	APD
WONSITS FEDERAL 4-6	43-047-34083	99999	06-08S-22E	FEDERAL	GW	APD
FEDERAL 24-22	43-047-30610	6124	22-08S-22E	FEDERAL	GW	P
CESSPOUCH ETAL 5 14	43-047-30675	90	05-09S-21E	FEDERAL	GW	P
CESSPOUCH 5-193 (CA CR-4)	43-047-33978	99999	05-09S-21E	FEDERAL	GW	APD
FEDERAL 6-100 (CA CR-12)	43-047-33401	12695	06-09S-22E	FEDERAL	GW	P
BONANZA 8-2	43-047-34087	99999	08-10S-23E	FEDERAL	GW	APD
BONANZA 9-5	43-047-34088	99999	09-10S-23E	FEDERAL	GW	APD
BONANZA 10-2	43-047-34089	99999	10-10S-23E	FEDERAL	GW	APD
BONANZA 10-3 (CA CR-5)	43-047-34090	99999	10-10S-23E	FEDERAL	GW	APD
WILLOW CREK UNIT 2	43-047-31818	11604	05-11S-20E	FEDERAL	OW	TA
HILL FEDERAL 1-10	43-047-31026	1368	10-11S-20E	FEDERAL	GW	TA
WILLOW CREK UNIT 1	43-047-31775	10804	27-11S-20E	FEDERAL	GW	S
HELLS HOLE 9110	43-047-31803	10813	12-11S-25E	FEDERAL	GW	P
SW HANGING ROCK FEDERAL 23-1	43-047-34231	99999	23-12S-23E	FEDERAL	GW	NEW
SW HANGING ROCK FEDERAL 24-1	43-047-34232	99999	24-12S-23E	FEDERAL	GW	NEW
SW HANGING ROCK FEDERAL 25-1	43-047-34233	99999	25-12S-23E	FEDERAL	GW	NEW

**OPERATOR CHANGES DOCUMENTATION**

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 06/19/2001
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 06/19/2001
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 06/21/2001
4. Is the new operator registered in the State of Utah: YES Business Number: 608186-0143

5. If NO, the operator was contacted on: N/A
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: 07/10/2001
7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: 07/10/2001
8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: 07/10/2001
9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

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**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 08/24/2001
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 08/24/2001
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

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**STATE BOND VERIFICATION:**

1. State well(s) covered by Bond No.: N/A

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**FEDERAL BOND VERIFICATION:**

1. Federal well(s) covered by Bond No.: WY 2793

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**FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond No: N/A
2. The **FORMER** operator has requested a release of liability from their bond on: N/A  
The Division sent response by letter on: N/A
3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: \_\_\_\_\_

---

**FILMING:**

1. All attachments to this form have been **MICROFILMED** on: \_\_\_\_\_

---

**FILING:**

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filed in each well file on: \_\_\_\_\_

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**COMMENTS: Master list of all wells involved in operator change from Coastal Oil & Gas Corporation to El Paso Production Oil and Gas Company shall be retained in the "Operator Change File".**

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0136  
Expires November 30, 2000

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		<b>CONFIDENTIAL</b>	
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone			
2. Name of Operator COASTAL OIL & GAS CORPORATION		Contact: CHERYL CAMERON E-Mail: Cheryl.Cameron@CoastalCorp.com	
3a. Address P.O. BOX 1148 VERNAL, UT 84078		3b. Phone No. (include area code) Ph: 435.781.7023 Fx: 435.789.4436	
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface <b>NWNW 991FNL 510FWL</b> At proposed prod. zone		<b>RECEIVED</b> OCT 17 2001	
14. Distance in miles and direction from nearest town or post office* 53.9 MILES SOUTHWEST OF VERNAL, UTAH		12. County or Parish UINTAH	
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 510		13. State UT	
16. No. of Acres in Lease 160.00		17. Spacing Unit dedicated to this well 320.00	
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. REFER TO TOPO C		19. Proposed Depth 8275 MD	
20. BLM/BIA Bond No. on file U-605382-9		21. Elevations (Show whether DF, KB, RT, GL, etc.) 5346 GL	
22. Approximate date work will start		23. Estimated duration	

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- |   |  |
|---|--|
| 1. Well plat certified by a registered surveyor.  | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).    |
| 2. A Drilling Plan.   | 5. Operator certification  |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature	Name (Printed/Typed) CHERYL CAMERON	Date 05/17/2001
Title OPERATIONS		
Approved by (Signature) 	Name (Printed/Typed)	Date 10/08/2001
Title Assistant Field Manager General Resources	Office	

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
Conditions of approval, if any, are attached.

**NOTICE OF APPROVAL**

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Additional Operator Remarks (see next page)

Electronic Submission #4334 verified by the BLM Well Information System  
For COASTAL OIL & GAS CORPORATION, sent to the Vernal  
Committed to AFMSS for processing by LESLIE CRINKLAW on 05/17/2001

**RECEIVED**

OCT 17 2001

DIVISION OF  
OIL, GAS AND MINING

\*\* ORIGINAL \*\*

01P50357A

NAS 1/2/01

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Coastal Oil and Gas Corp.

Well Name & Number: Bonanza 10-2

API Number: 43-047-34089

Lease Number: UTU-72028

Location: NWNW Sec. 10 T.10S R. 23E

Agreement: N/A

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

**CONDITIONS OF APPROVAL**

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to or John Mayers or Pete Sokolosky of this office prior to setting the next casing string or requesting plugging orders. Faxed copies of State of Utah form OGC-8-X are acceptable.

2. Pressure Control Equipment

None

3. Casing Program and Auxiliary Equipment

The base of the moderately fresh water is estimated to be at 2741' and the top of the Mahogany oil shale has been projected at 1859'. The production casing must be cemented back to a minimum of 1659' to protect these resources. The surface casing must be cemented back to surface.

All casing strings below the conductor shall be pressure tested to 0.22 psi/ft of casing string length or 1500 psi, whichever is greater but not to exceed 70% of the minimum internal yield.

If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

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

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

A cement bond log (CBL) will be run from the production casing shoe to top of the cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

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

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Written notification of such must be submitted to this office not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-5(d) shall be submitted to the appropriate Field Office within 60 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (1).

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO 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 AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling onlease or off-lease will have prior written approval from the AO.

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 and tested for meter accuracy at least quarterly thereafter. The AO 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 Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. 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.

"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 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals are necessary, you must contact one of the following individuals:

Ed Forsman (435) 828-7874  
Petroleum Engineer

Kirk Fleetwood (435) 828-7875  
Petroleum Engineer

BLM FAX Machine (435) 781-4410

## EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids

Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste

Refinery wastes

Liquid and solid wastes generated by crude oil and tank bottom reclaimers

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids.

SURFACE USE PROGRAM  
Conditions of Approval (COA)

Location of Existing & Proposed Facilities:

The color of installed facilities will not be Juniper Green as requested in the Surface Use & Operating Plan. Instead facilities will be non-reflective, earth tone Carlsbad Canyon (2.5Y 6/2).

Plans For Reclamation Of Location:

All seeding for reclamation operations at this location shall use the following seed mixture:

black sagebrush	Artemisia nova	3 lbs/acre
shadscale	Atriplex confertifolia	3 lbs/acre
Gardners saltbush	Atriplex gardneri	3 lbs/acre
galletta grass	Hilaria jamesii	3 lbs/acre

If the seed mixture is to be aurally broadcasted the pounds per acre shall be doubled. All seed poundages are in Pure Live Seed.

Immediately after construction the stockpiled top soil will be seeded and the seed worked into the soil by "walking" the pile with caterpillar tracks.

For final abandonment all topsoil shall be spread over the recontoured surface and the soils seeded.

1368 So. 1200 East  
Vernal Utah 84078  
Phone: 1-435-781-7023  
Fax: 1/435-781-7023



# Fax

*Diana Mason*

To: ~~Carol Daniels~~ From: Cheryl Cameron

Fax: (801) 359-3940 Date: July 23, 2002

Phone: Pages: 2 (including cover sheet)

Re: CIGE 258 - 460' Letter CC:

Rescind APD's

Urgent  For Review  Please Comment  Please Reply  Please Recycle

**•Comments:**

**Attached is the 460' letter for the CIGE 258**

**Rescind the APD's for the Bonanza 9-5, 10-2, 10-3 and the Tribal 2-168**

Thank you,

Cheryl

RECEIVED

JUL 23 2002

DIVISION OF  
OIL, GAS AND MINING



# State of Utah

## DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor  
Robert Morgan  
Executive Director  
Lowell P. Braxton  
Division Director

1594 West North Temple, Suite 1210  
PO Box 145801  
Salt Lake City, Utah 84114-5801  
801-538-5340  
801-359-3940 (Fax)  
801-538-7223 (TDD)

July 23, 2002

Cheryl Cameron  
El Paso Production Oil & Gas Company  
P. O. Box 1148  
Vernal, Utah 84078

Re: APD Rescinded – Bonanza 10-2, Sec. 10, T. 10S, R. 23E Uintah, Utah  
API No. 43-047-34089

Dear Ms. Cameron:

The Application for Permit to Drill (APD) for the subject well was approved by the Division of Oil, Gas and Mining on May 24, 2001. On July 23, 2002, you requested that the division rescind the approved APD. No drilling activity at this location has been reported to the division. Therefore, approval to drill the well is hereby rescinded, effective July 23, 2002.

A new APD 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 immediately.

Sincerely,

Diana Mason  
Engineering Technician

cc: Well File  
Bureau of Land Management, Vernal

EL PASO PRODUCTION COMPANY  
1368 S. 1200 E., PO BOX 1148  
VERNAL, UT 84078  
PHONE: 435-789-4433 FAX: 435-789-4436, 435-781-7095



# Fax Transmittal

To:	Mike Hebertson	FAX:	(801) 359-3940
COMPANY:		DATE:	8/29/02
FROM:	Cheryl Cameron	PHONE:	(435) 781-7023
RE:	BONANZA 10-2	PAGES:	

Urgent   
  For Review   
  Please Comment   
  Please Reply   
  Please Recycle

Comments: Thank you so much for your assistance.

**RECEIVED**

AUG 29 2002

DIVISION OF  
OIL, GAS AND MINING

Form 3160-3  
(August 1999)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0136  
Expires November 30, 2000

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		<b>CONFIDENTIAL</b>		5. Lease Serial No. U-72028	
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone				6. If Indian, Allottee or Tribe Name	
2. Name of Operator COASTAL OIL & GAS CORPORATION		Contact: CHERYL CAMERON E-Mail: Cheryl.Cameron@CoastalCorp.com		7. If Unit or CA Agreement, Name and No.	
3a. Address P.O. BOX 1148 VERNAL, UT 84078		3b. Phone No. (include area code) Ph: 435.781.7023 Fx: 435.789.4436		8. Lease Name and Well No. BONANZA 10-2	
4. Location of Well (Report location clearly and in accordance with any State requirements.) At surface <b>NWNW 991FNL 510FWL</b> At proposed prod. zone		<b>RECEIVED</b>		9. API Well No.	
14. Distance in miles and direction from nearest town or post office* <b>53.9 MILES SOUTHWEST OF VERNAL, UTAH</b>				10. Field and Pool, or Exploratory BONANZA	
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) <b>510</b>		16. No. of Acres in Lease <b>160.00</b>		11. Sec., T., R., M., or Blk. and Survey or Area <b>Sec 10 T10S R23E Mer UBM</b>	
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. <b>REFER TO TOPO C</b>		19. Proposed Depth <b>8275 MD</b>		12. County or Parish UINTAH	
21. Elevations (Show whether DF, KB, RT, GL, etc.) <b>6348 GL</b>		22. Approximate date work will start		13. State UT	
		20. BLM/BIA Bond No. on file <b>U-605382-9</b>		17. Spacing Unit dedicated to this well <b>320.00</b>	
		23. Estimated duration			

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>1. Well plat certified by a registered surveyor.</li> <li>2. A Drilling Plan.</li> <li>3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).</li> </ul> | <ul style="list-style-type: none"> <li>4. Bond to cover the operations unless covered by an existing bond on file (see item 20 above).</li> <li>5. Operator certification</li> <li>6. Such other site specific information and/or plans as may be required by the authorized officer.</li> </ul> |
|--|--|

25. Signature	Name (Printed/Typed) <b>CHERYL CAMERON</b>	Date <b>05/17/2001</b>
Title <b>OPERATIONS</b>		
Approved by (Signature) <i>[Signature]</i>	Name (Printed/Typed)	Date <b>10/08/2001</b>
Title <b>Assistant Field Manager Mineral Resources</b>	Office	

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
Conditions of approval, if any, are attached.

**NOTICE OF APPROVAL**

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Additional Operator Remarks (see next page)

Electronic Submission #4334 verified by the BLM Well Information System  
For COASTAL OIL & GAS CORPORATION, sent to the Vernal  
Committed to AFMSS for processing by LESLIE CRINKLAW on 05/17/2001 ()

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***