



Coastal
The Energy People

November 1, 2000

Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, Utah 84078
Attn: Margie Herrmann
Leslie Crinklaw

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

RE: **Kennedy Wash #23-1**
SE/NE Sec. 23, T8S R23E

Kennedy Wash #19-1
SE/SE Sec. 19, T8S, R23E

Ladies and Gentlemen:

Attached are the APD's for the Kennedy Wash #23-1 and the Kennedy Wash #19-1. Please do not hesitate to call me if you have any questions, or need additional information at (435) 781-7023.


Cheryl Cameron
Sr. Regulatory Analyst

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DIVISION OF
OIL, GAS AND MINING

Coastal Oil & Gas Corporation

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

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. U-74425
1b. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator Coastal Oil & Gas Corporation		7. Unit or CA Agreement Name and No. Kennedy Wash
3a. Address P.O. Box 1148, Vernal, UT 84078		8. Lease Name and Well No. Kennedy Wash Federal #19-1
3b. Phone No. (include area code) (435) 781-7023		9. API Well No. 43-047-33749
4. Location of Well (Report location clearly and in accordance with any State requirements)* At surface SE/SE 472' FSL & 1286' FEL At proposed prod. zone		10. Field and Pool, or Exploratory Kennedy Wash Undesignated
14. Distance in miles and direction from nearest town or post office* 23.1 Miles southeast of Vernal, UT		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 19, T8S, R23E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drg. unit line, if any) 472'	16. No. of Acres in lease 160	17. Spacing Unit dedicated to this well
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Refer to Topo C	19. Proposed Depth 11,800	20. BLM/BIA Bond No. on file U-605382-9
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 4918.7' Ungraded GL	22. Approximate date work will start* Upon Approval	23. Estimated duration To Be Determined

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 10/27/00
-------------------	--	------------------

Title Senior Regulatory Analyst	
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL RECLAMATION SPECIALIST III
Title Federal Approval of this Action is Necessary	Office
Date 12/28/00	

Application approval 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.
Conditions of approval, if any, are attached.

Federal Approval of this Action is Necessary

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.

*(Instructions on Reverse)

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T8S, R23E, S.L.B.&M.

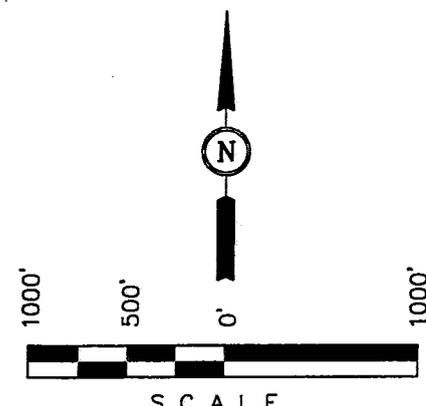
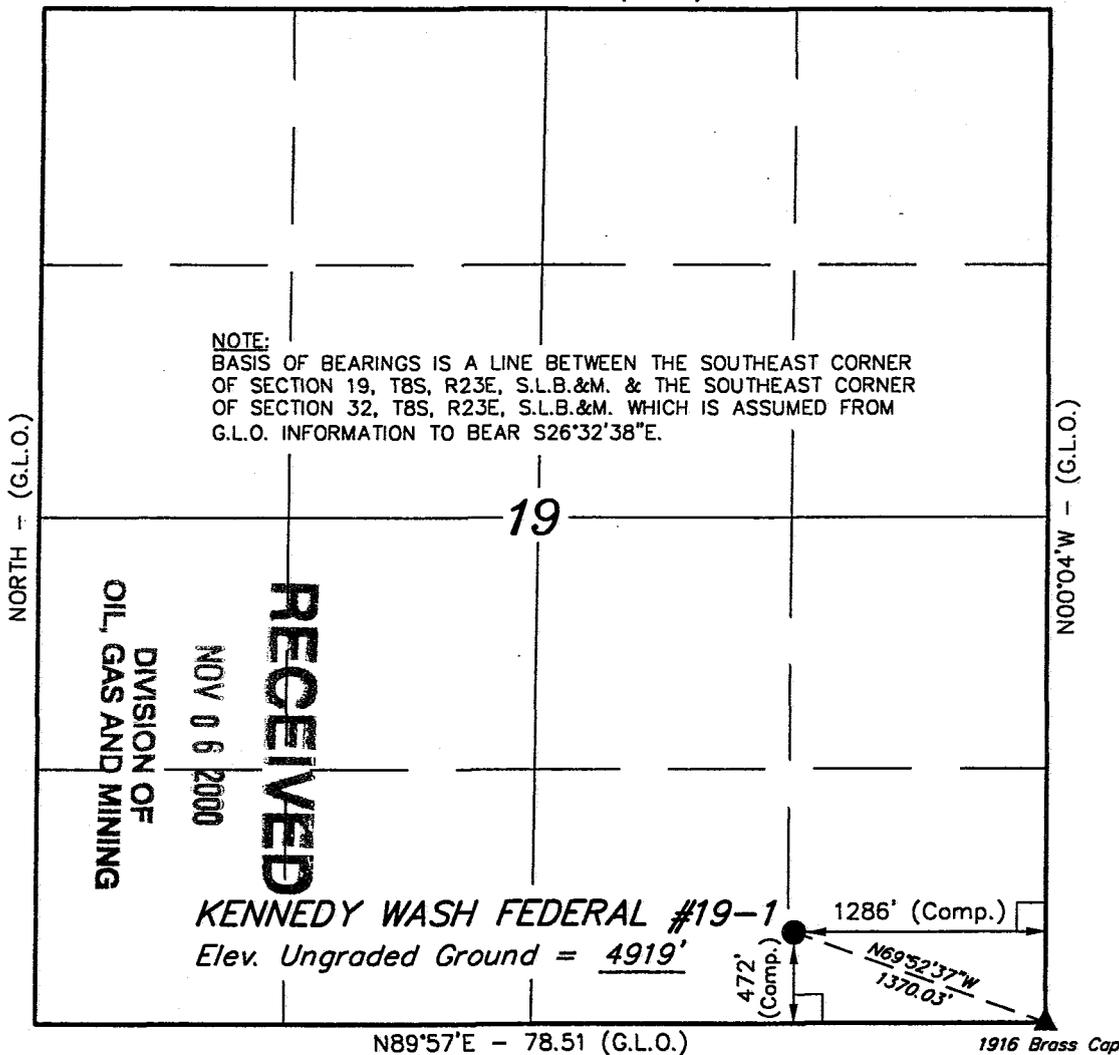
COASTAL OIL & GAS CORP.

Well location, KENNEDY WASH FEDERAL #19-1 located as shown in the SE 1/4 SE 1/4 of Section 19, T8S, R23E, S.L.B.&M., Uintah County, Utah.

S89°58'E - 78.40 (G.L.O.)

BASIS OF ELEVATION

SPOT ELEVATION AT THE SOUTHEAST CORNER OF SECTION 32, T8S, R23E, S.L.B.&M. TAKEN FROM THE RED WASH SE. 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 4962 FEET.



CERTIFICATE

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

Robert L. ...
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 161319
 STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
 85 SOUTH 200 EAST - VERNAL, UTAH 84078
 (435) 789-1017

LEGEND:

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

LATITUDE = 40°06'08"
 LONGITUDE = 109°21'52"

SCALE 1" = 1000'	DATE SURVEYED: 7-31-00	DATE DRAWN: 8-17-00
PARTY G.S. T.A. D.COX	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE COASTAL OIL & GAS CORP.	

COASTAL OIL & GAS CORP.
KENNEDY WASH FEDERAL #19-1
 LOCATED IN UINTAH COUNTY, UTAH
 SECTION 19, T8S, R23E, S.1.B.&M.

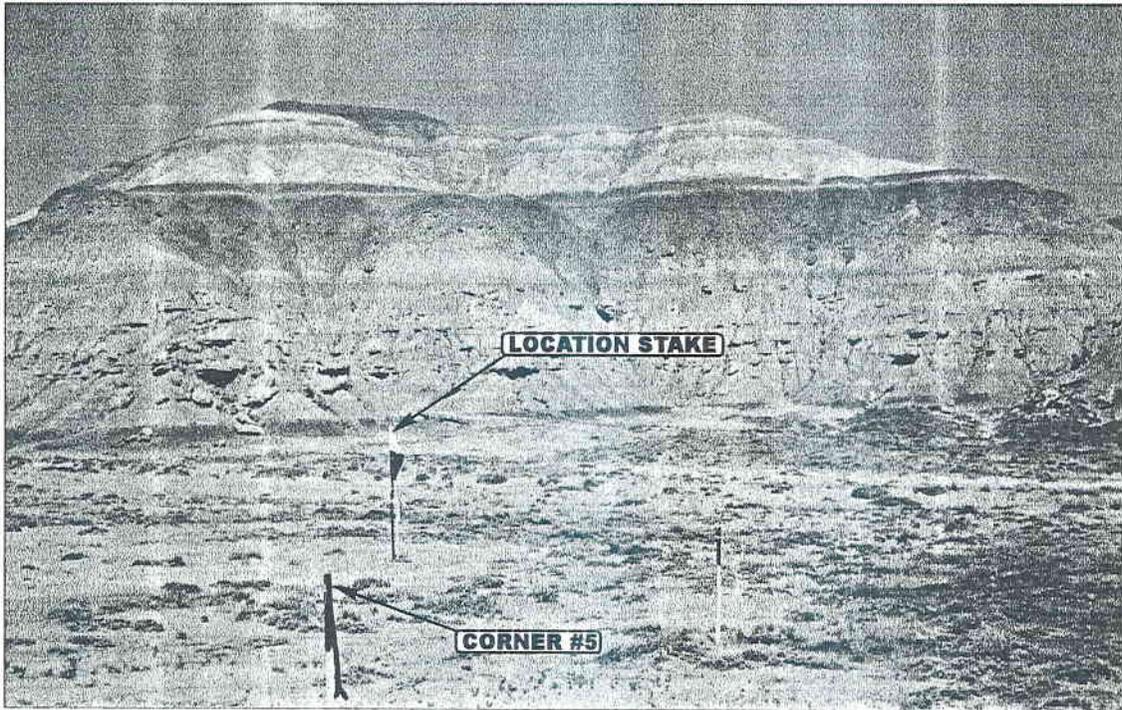


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHEASTERLY

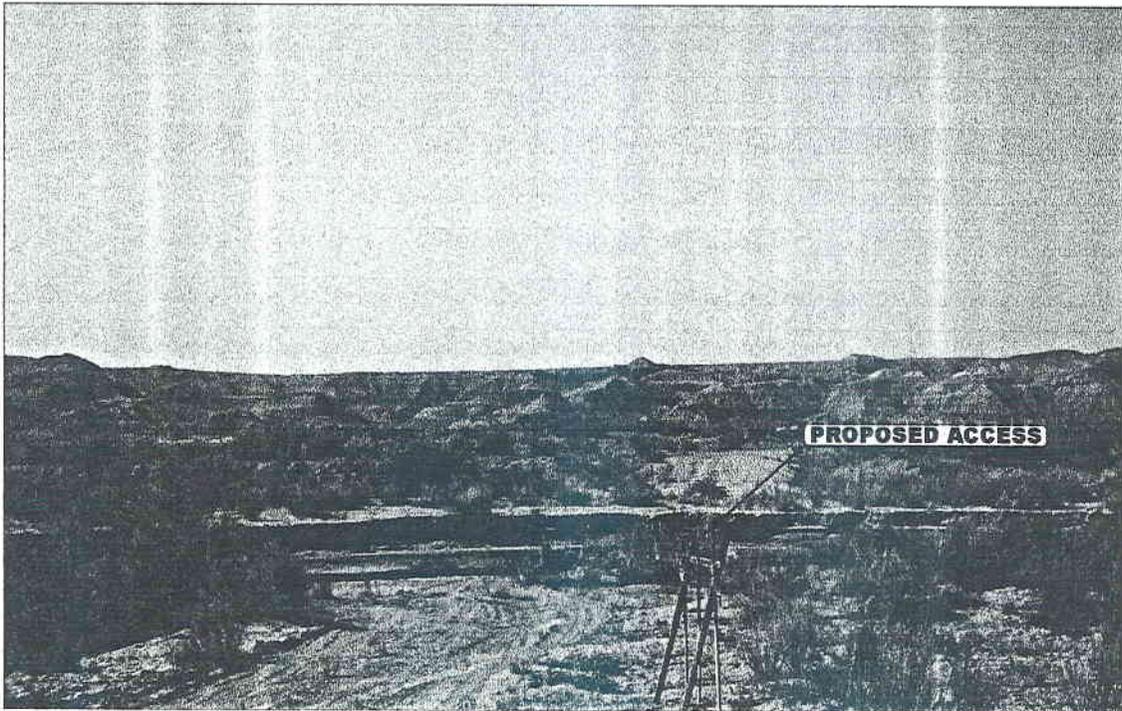


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHWESTERLY



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

LOCATION PHOTOS	8	21	00	PHOTO
	MONTH	DAY	YEAR	
TAKEN BY: G.S.	DRAWN BY: C.G.	REVISED: 00-00-00		

- Since 1964 -

KENNEDY WASH FEDERAL #19-1
SE/SE Sec 11, T8S, R23E
UINTAH COUNTY, UTAH
U-74425

ONSHORE ORDER NO. 1
COASTAL OIL & GAS CORPORATION

DRILLING PROGRAM

1. Geologic Surface Formation:

Duchesne River - 0' - 200'

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

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
	KB	4935'
Gas	Green River	1935'
Gas	Wasatch	5335'
Gas	Mesaverde	7835'
	TD	11400'

3. Pressure Control Equipment (Schematic Attached)

The BOP stack will consist of one 11" 5,000 psi annular BOP, one 11" 5,000 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 5,000 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

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6. Evaluation Program: (Logging)DepthLog Type

SC-4600

Platform Express w/ DSI

4600-TD

Platform Express w/ DSI & FMI

Various

SWC's

7. Abnormal Conditions:

Maximum anticipated bottomhole pressure calculated @ 11,400' TD approximately equals 4,560 psi (calculated at 0.4 psi/foot). Maximum anticipated surface pressure equals approximately 2,052 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. Variances:

None anticipated.

10. Other:

A Class III Archaeological Study Report, conducted by AERC, and the Paleontological Field Survey Report conducted by Uinta Paleontological Assoc., are attached.

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KENNEDY WASH FEDERAL #19-1
SE/SE SEC. 19, T8S, R23E
UINTAH COUNTY, UTAH
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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 19.1 miles to the junction of this road and the Glen Bench Road to the west; turn right and proceed in a westerly then southwesterly direction approximately 8.0 miles to the junction of this road and an existing road to the south; turn left and proceed in a southerly then easterly direction approximately 4.4 miles to the junction of this road and an existing road to the northeast; turn left and proceed in a northeasterly direction approximately 1.6 miles to the beginning of the proposed access to the northwest; follow road flags in a northwesterly then northerly direction approximately 0.5 miles to the proposed location.

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:

0.5 miles of access road is proposed. The existing 2-Track road needs to be upgraded and there's a low water crossing. 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 and 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.

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.

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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 *if blasting is necessary*. 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.

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.

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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.

Diversion ditches are to be constructed, as discussed during the on-site inspection. Refer to the Location Layout.

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.

Culvert(s) shall be installed where necessary.

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.

The topsoil shall be piled along the north side of location to the *drop off*, as discussed at the on-site Inspection.

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

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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.

The following seed mixture will be used to reclaim the surface. A total of 12 lbs/acre will be used if the seeds are drilled (24 lb/acre if the seeds are broadcast). The per acre requirements for drilled seed are:

Four wing Salt Brush	4 lb/acre
Shad Scale	4 lb/acre
Gardner Salt Brush	4 lb/acre

11. **Surface Ownership:**

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

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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

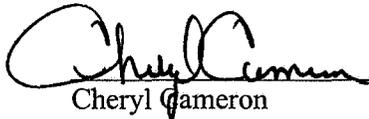
Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

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.

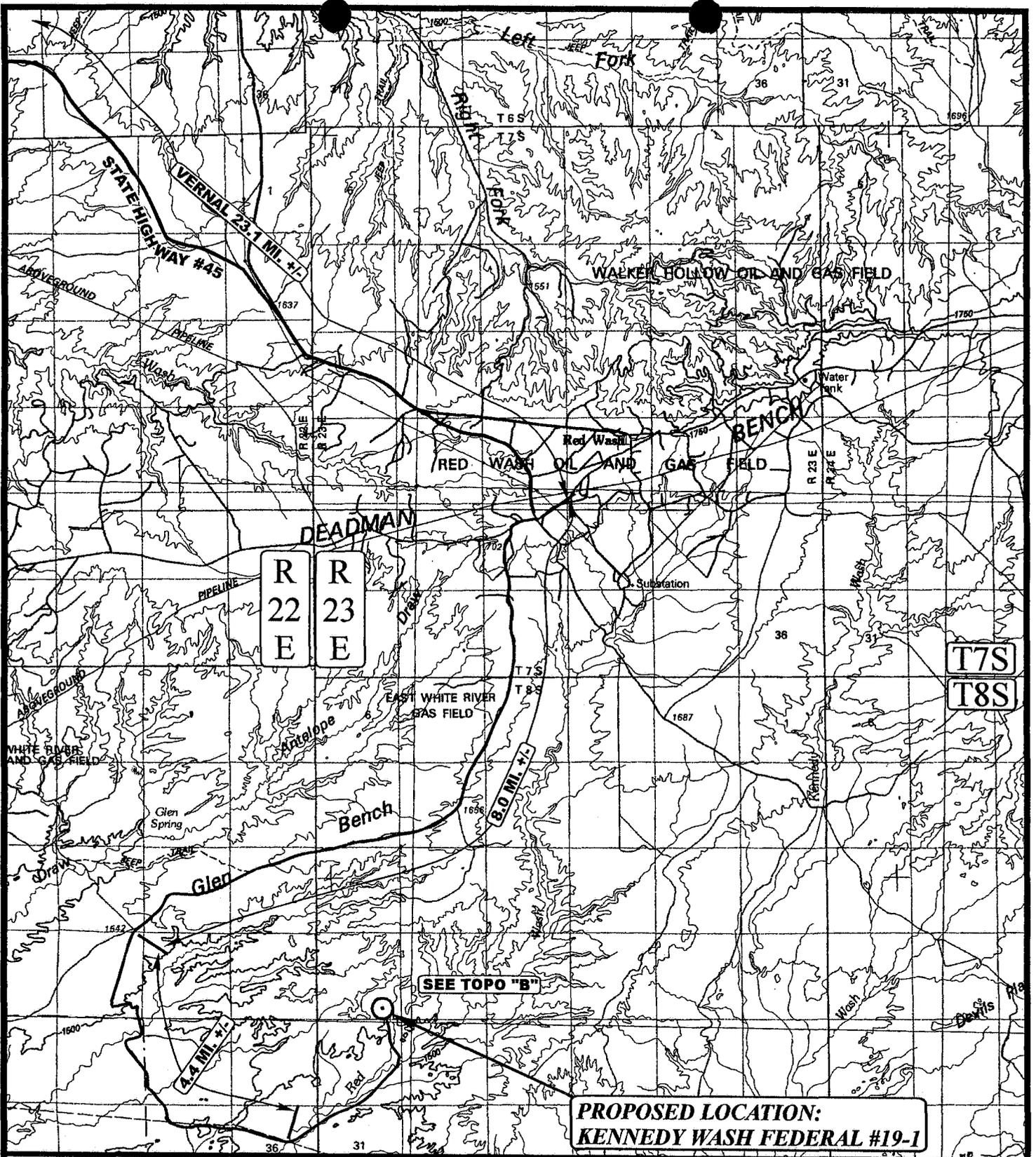

Cheryl Cameron

10/30/00
Date

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**PROPOSED LOCATION:
KENNEDY WASH FEDERAL #19-1**

LEGEND:

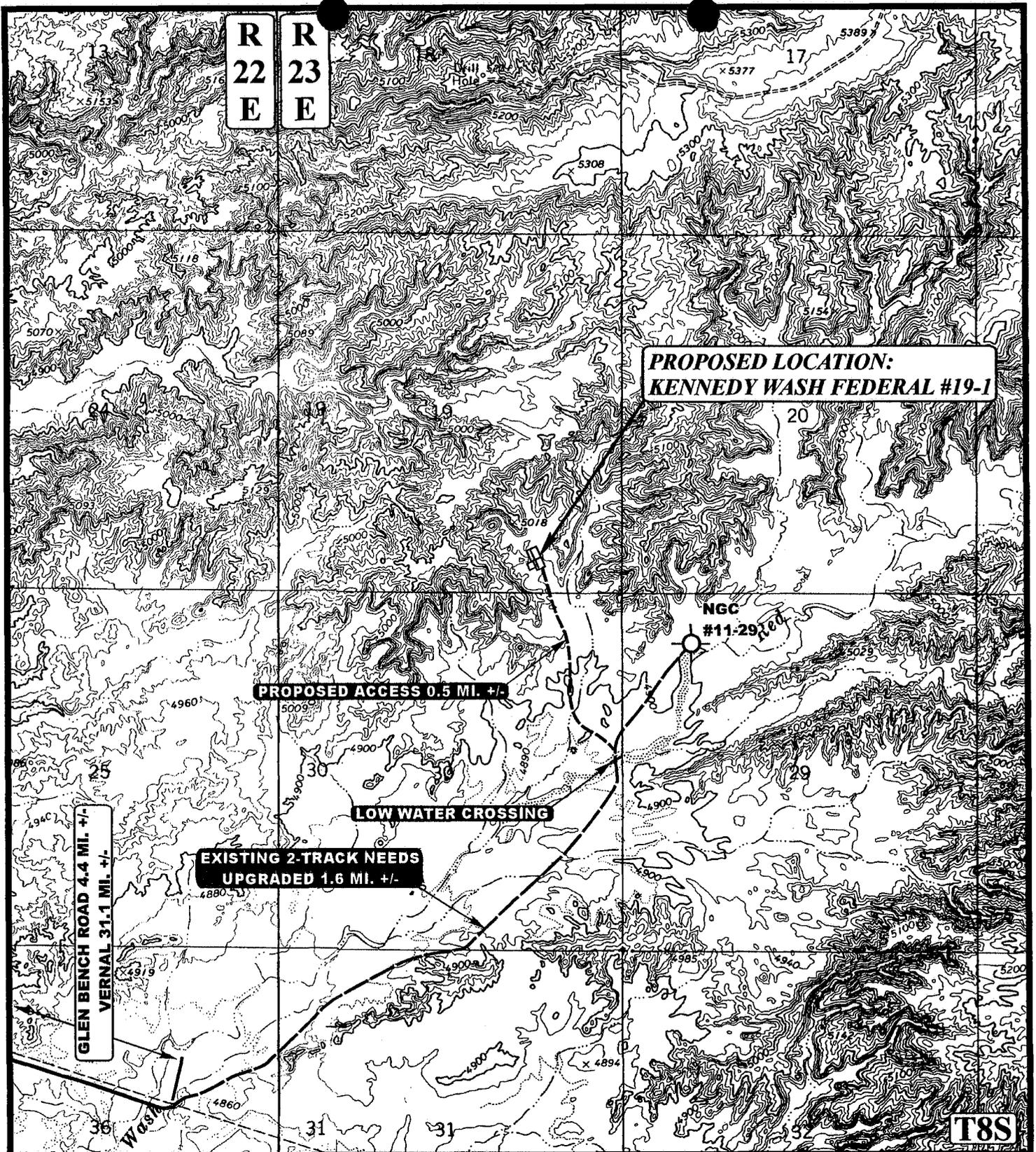
⊙ PROPOSED LOCATION

**COASTAL OIL & GAS CORP.
KENNEDY WASH FEDERAL #19-1
SECTION 19, T8S, R23E, S.L.B.&M.
472' FSL 1286' FEL**

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



TOPOGRAPHIC MAP
 8 21 00
 MONTH DAY YEAR
 SCALE: 1: 100,000 DRAWN BY: C.G. REVISED: 00-00-00
A
 TOPO



LEGEND:

- PROPOSED ACCESS ROAD
- EXISTING 2-TRACK
- ===== EXISTING ROAD



COASTAL OIL & GAS CORP.

**KENNEDY WASH FEDERAL #19-1
SECTION 19, T8S, R23E, S.L.B.&M.
472' FSL 1286' FEL**



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

**TOPOGRAPHIC
MAP**

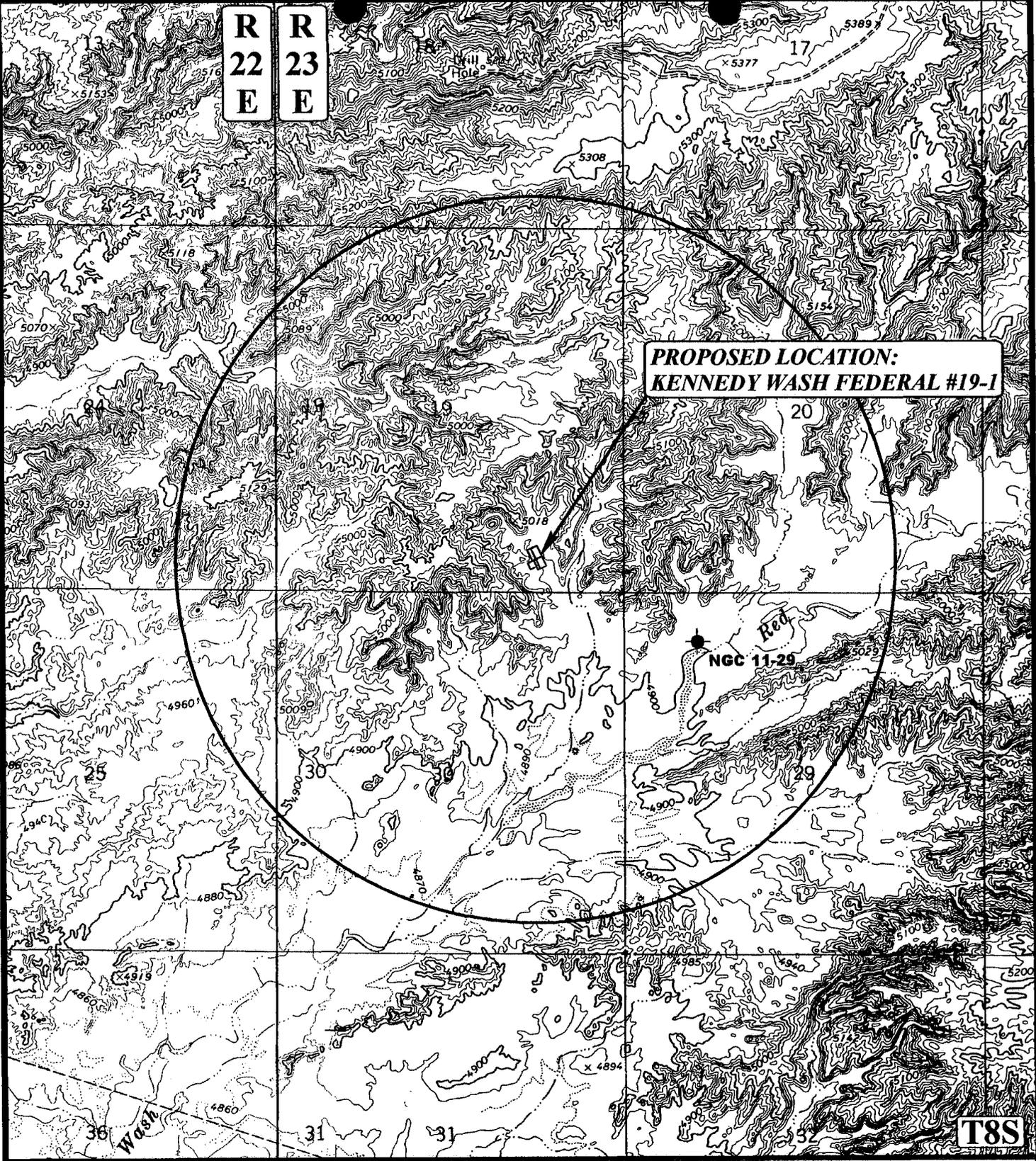
8 21 00
MONTH DAY YEAR

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

B
TOPO

R
22
E

R
23
E



**PROPOSED LOCATION:
KENNEDY WASH FEDERAL #19-1**

NGC 11-29

T8S

LEGEND:

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



COASTAL OIL & GAS CORP.

**KENNEDY WASH FEDERAL #19-1
SECTION 19, T8S, R23E, S.L.B.&M.
472' FSL 1286' FEL**



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

**TOPOGRAPHIC
MAP**

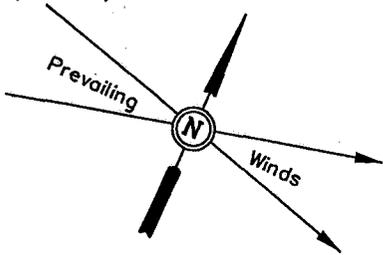
8 21 00
MONTH DAY YEAR

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



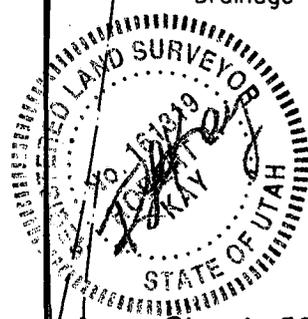
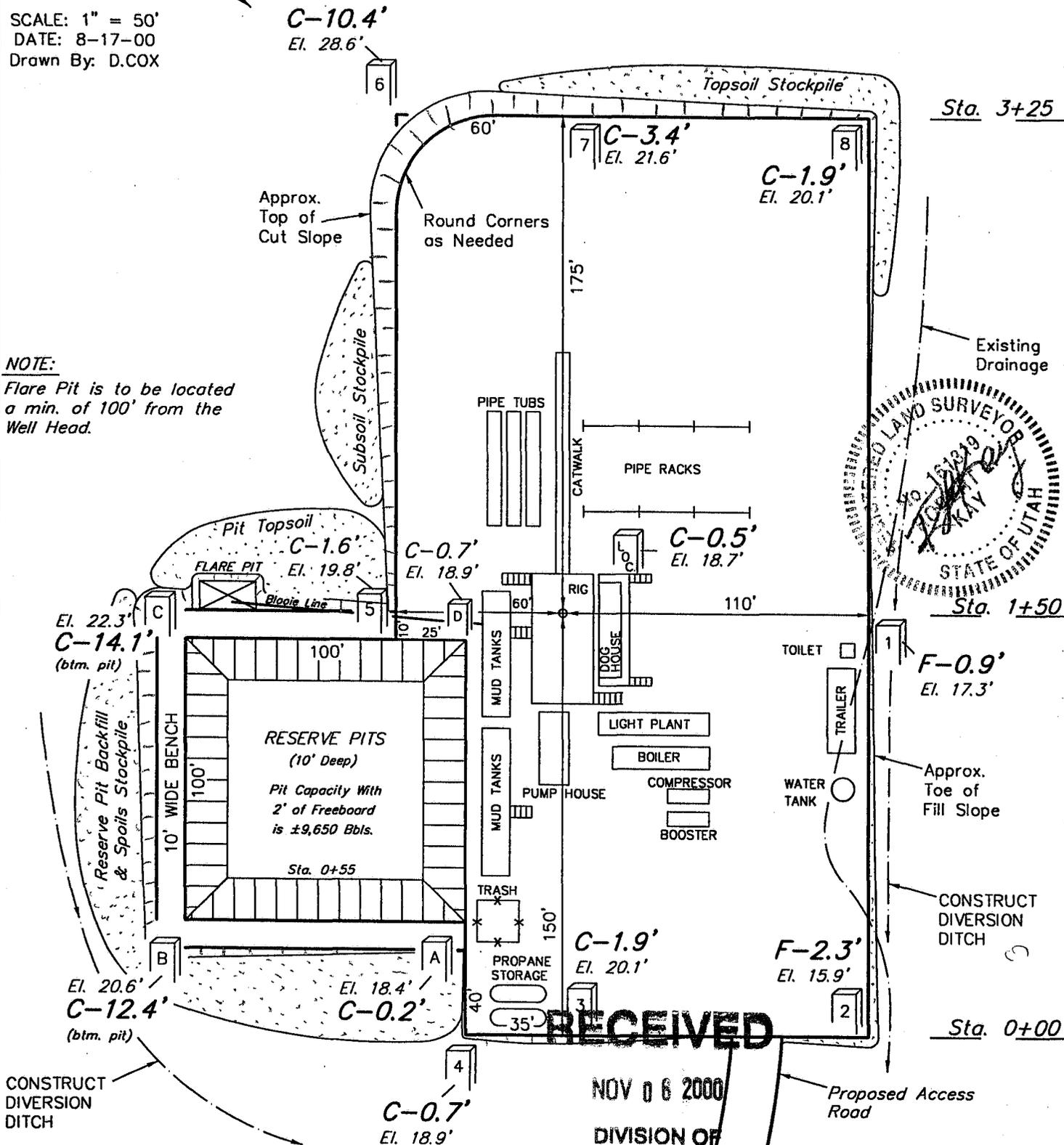
COASTAL OIL & GAS CORP.

LOCATION LAYOUT FOR
 KENNEDY WASH FEDERAL #19-1
 SECTION 19, T8S, R23E, S.L.B.&M.
 472' FSL 1286' FEL



SCALE: 1" = 50'
 DATE: 8-17-00
 Drawn By: D.COX

NOTE:
 Flare Pit is to be located
 a min. of 100' from the
 Well Head.



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NOTES:
 Elev. Ungraded Ground At Loc. Stake = 4918.7'
 FINISHED GRADE ELEV. AT LOC. STAKE = 4918.2'

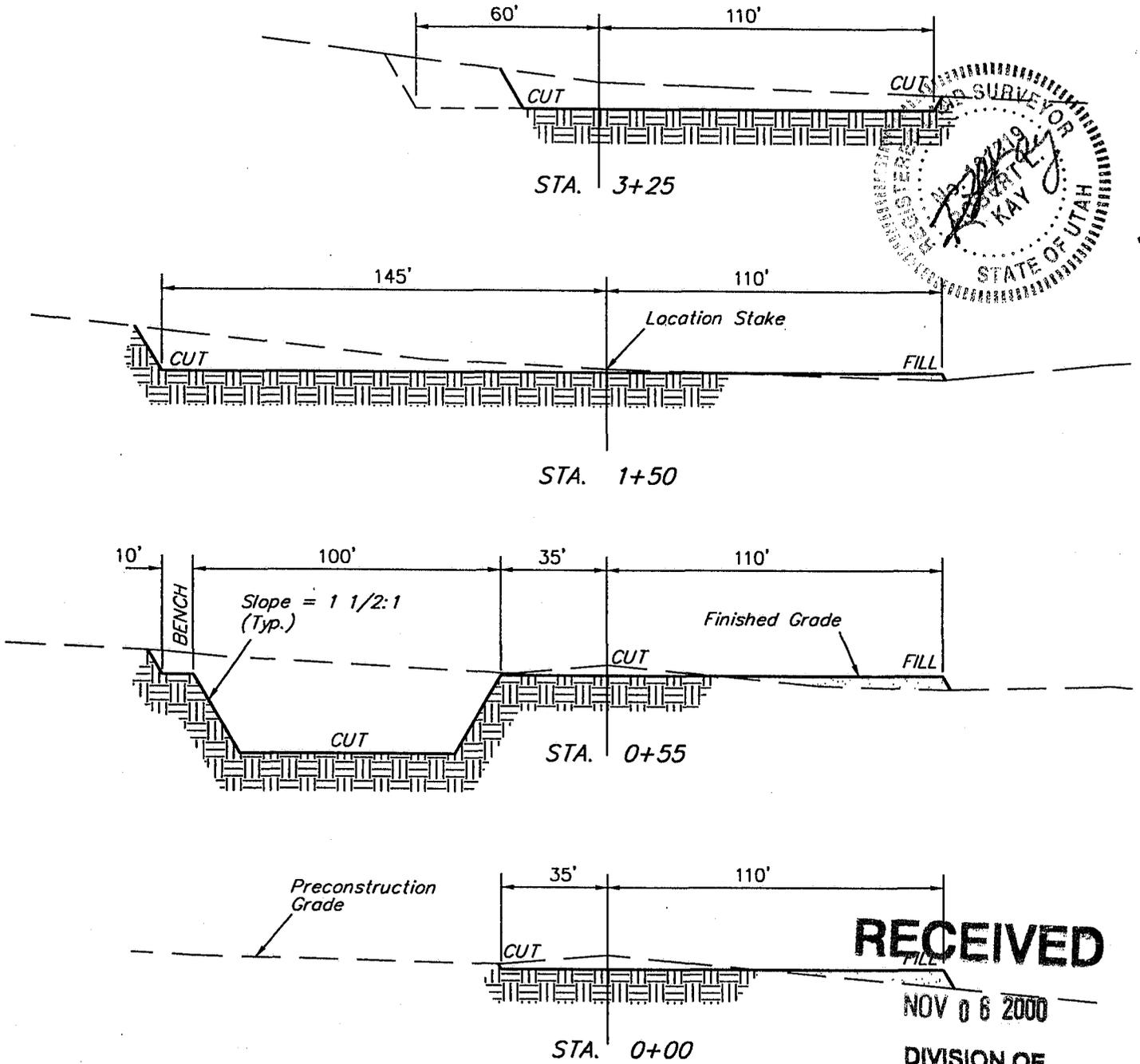
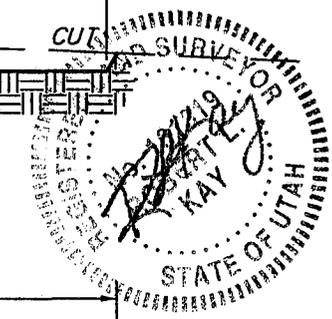
FIGURE #1

COASTAL OIL & GAS CORP.

TYPICAL CROSS SECTIONS FOR
KENNEDY WASH FEDERAL #19-1
SECTION 19, T8S, R23E, S.L.B.&M.
472' FSL 1286' FEL

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

DATE: 8-17-00
Drawn By: D.COX



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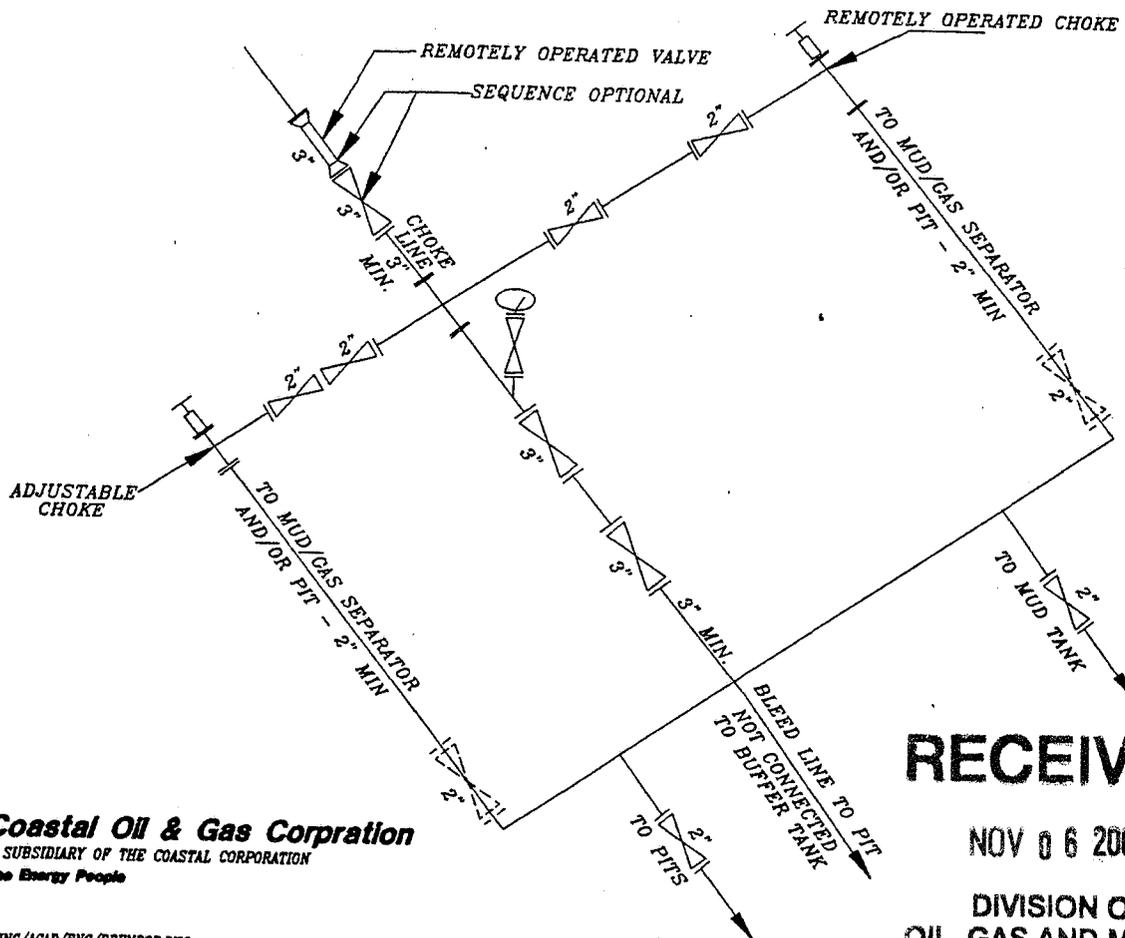
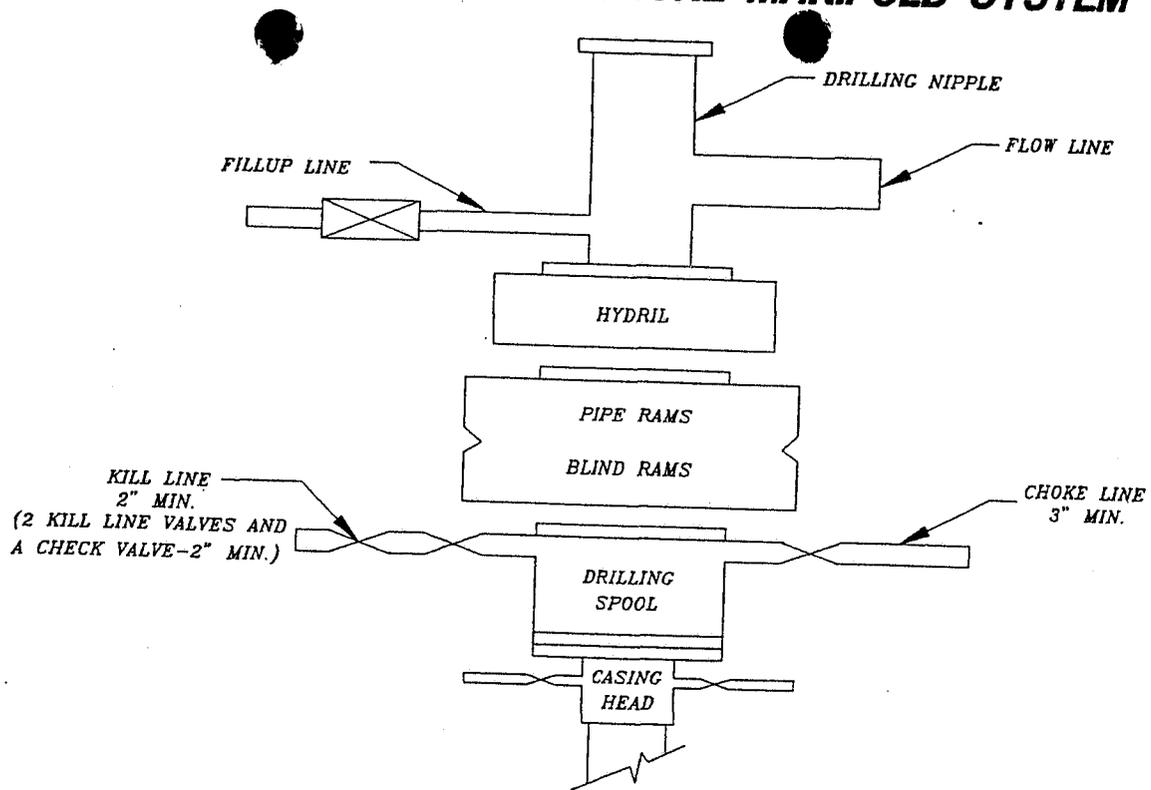
FIGURE #2

APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 1,200 Cu. Yds.
Remaining Location	= 5,350 Cu. Yds.
TOTAL CUT	= 6,550 CU.YDS.
FILL	= 720 CU.YDS.

EXCESS MATERIAL AFTER 5% COMPACTION	= 5,790 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 2,540 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 3,250 Cu. Yds.

3M BUP STACK and CHOKE MANIFOLD SYSTEM



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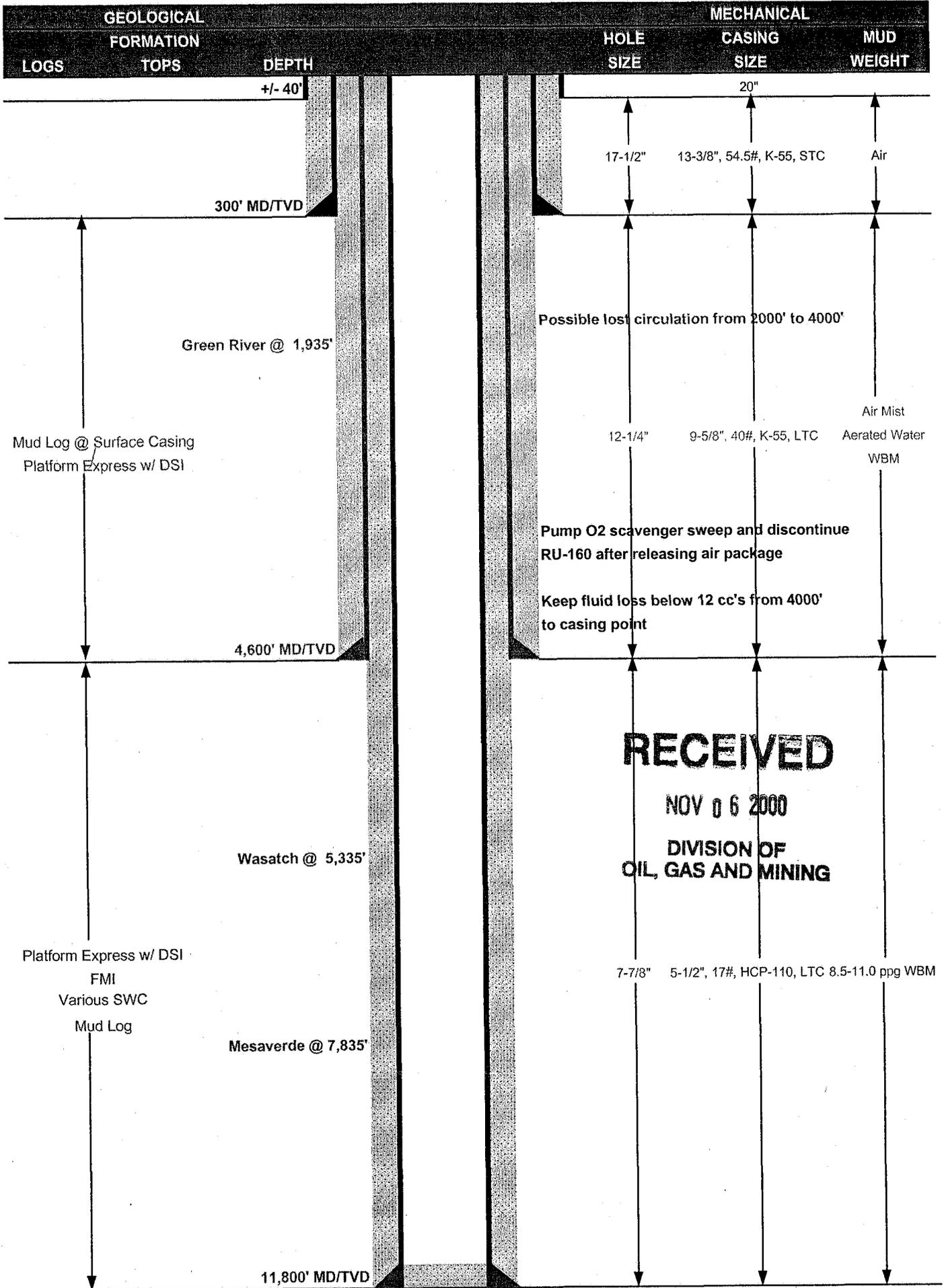


Coastal Oil & Gas Corporation
A SUBSIDIARY OF THE COASTAL CORPORATION
The Energy People

COASTAL OIL & GAS CORPORATION

DRILLING PROGRAM

COMPANY NAME Coastal Oil & Gas Corporation DATE 10/25/00
 WELL NAME Kennedy Wash Federal Unit #19-1 TD 11,800' MD/TVD
 FIELD Kennedy Wash COUNTY Uintah STATE Utah ELEVATION 4,935' KB
 SURFACE LOCATION 660' FSL & 1980' FEL of Sec 19, T8S - R 23E BHL Straight Hole
 OBJECTIVE ZONE(S) Lower Green River, Wasatch, Lower Mesaverde
 ADDITIONAL INFO _____



COASTAL OIL & GAS CORPORATION DRILLING PROGRAM

CASING PROGRAM

	SIZE	INTERVAL	WT.	GR.	CPLG.	DESIGN FACTORS		
						BURST	COLLAPSE	TENSION
CONDUCTOR	20"	0-40'				2730	1130	547000
SURFACE	13-3/8"	0-300'	54.5#	K-55	STC	16.22	8.05	4.70
INTERMEDIATE	9-5/8"	0-4,600'	40#	K-55	LTC	1.09	1.19	1.98
PRODUCTION	5-1/2"	0-TD	17#	HCP-110	LTC	1.97	1.27	1.48

- 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 @ 13-3/8" shoe = 13.0 ppg, Max Pore Pressure = 11.0 ppg EMW)
 (Collapse Assumption: Fully Evacuated Casing, Max MW) (Tension Assumptions: Air Weight of Casing, 100,000 lbs overpull)

CEMENT PROGRAM

		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
SURFACE		300	Class G + 2% CaCl ₂ + 0.25 lb/sk Cello Flake	260	35%	15.80	1.17
INTERMEDIATE	LEAD	4000	50/50 Poz + 20% SSA-1 + 5% Silica Lite + 0.1% Versaset + 0.1 LWL + 1.5% Zonesealant	1100	30%	foamed 10.0	1.47
	TAIL	600	50/50 Poz + 20% SSA-1 + 5% Silica Lite + 0.1% Versaset + 0.1 LWL + 1.5% Zonesealant	180	30%	14.30	1.47
PRODUCTION	LEAD	5000	Premium Plus + 16% Gel + 2% FWCA + 0.6% Econolite + 10 lb/sk Gilsonite + 3 % Salt + 1% HR7	120	60%	11.60	3.12
	TAIL	6800	50/50 Poz + 0.25 lb/sk Flocele + 2% Gel + 0.6% Halad 322 + 0.2% HR5 + 5% Salt + 2% Microbond HT + 0.2% Super CBL	1670	75%	14.35	1.24

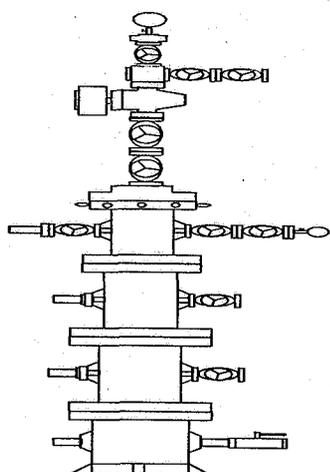
* or 15% over caliper log

FLOAT EQUIPMENT & CENTRALIZERS

SURFACE	Guide shoe, 1 joint, float collar. Centralize 5' above shoe & every other collar to surface. Thread lock FE & bottom joint.
INTERMEDIATE	Float shoe, 2 joints, float collar. Centralize as per production department. Thread lock FE and bottom 3 joints.
PRODUCTION	Specified by Production Department

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WELLHEAD EQUIPMENT



TREE	7-1/16" 10M X 2-1/16" 10M
TUBING HEAD	11" 5M X 7-1/16" 10M
CASING SPOOL	
CASING SPOOL	13-5/8" 3M X 11" 5M
CASING HEAD	13-3/8" SOW X 13-5/8" 3M

COASTAL OIL & GAS CORPORATION

DRILLING PROGRAM

BIT PROGRAM

ROCK BIT & PDC BIT PROGRAM						
INTERVAL	HOLE	BIT MFG & MODEL	GPM	SERIAL	NZLS	COMMENTS
Surface Hole	17-1/2"	Various				Pre-set
300'-4,600'	12-1/4"	STC F27		NEW	22-22-22	Aerated Water & WBM
4,600'- TD	7-7/8"	Various Inserts	400	NEW	18-18-18	Run all bits on Mud Motor

GEOLOGICAL DATA

LOGGING:

Depth	Log Type
SC - 4600	Platform Express w/ DSI
4600 - TD	Platform Express w/ DSI & FMI
Various	SWC's

MUD LOGGER:

SAMPLES:

CORING:

DST:

SC' - TD
 As per Geology
 As per Geology
 As per Geology

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OIL, GAS AND MINING

MUD PROGRAM

DEPTH	TYPE	MUD WT	WATER LOSS	VISCOSITY	TREATMENT
0-300	Air Mist	NA	NA		
300 - 4000	Water / Aerated Water	NA	NC	NA	Aerated water
4000 - 4600	WBM	8.4 - 9.5	< 12 cc	34 - 45	LSND / Anco-Drill / LCM
4600 - TD	WBM	8.9 - 10+	< 10 cc	30 - 45	LSND / Anco-Drill

ADDITIONAL INFORMATION

Test casing head to 750 psi after installing. Test surface casing to 1,000 psi prior to drilling out. Test int. csg. to 1,500 psi prior to drilling out.
 BOPE to intermediate: 13-5/8" 3M with one 3M annular and 2 rams. Test to 3,000 psi (annular to 1,500 psi) prior to drilling out. BOPE to TD:
 11" 5M with one 5M annular and 2 rams. Test to 5,000 psi (annular to 3,000 psi) prior to drilling out. Record on chart recorder &
 tour sheet. Function test rams on each trip. Maintain safety valve & inside BOP on rig floor at all times. Kelly to be equipped with upper
 & lower kelly valves. Corrosion treatment while drilling with air - RU160 then pump O₂ scavenger and proceed with scale inhibitor only.
 Run Totco survey every 1500' from surface casing shoe to TD. Maximum allowable hole angle is 5 degrees.

PROJECT ENGINEER:

Christa Yin

DATE: _____

PROJECT MANAGER:

Darrell Molnar

DATE: _____

CULTURAL RESOURCE EVALUATIONS OF FOUR PROPOSED COASTAL WELL LOCATIONS (Wonsits Federal No. 1-5, Kennedy Wash Units 19-1 & 23-1, and Gose Unit 3-18) IN VARIOUS LOCALITIES OF UINTAH COUNTY, UTAH

Report Prepared for Coastal Oil & Gas Corporation

Department of Interior Permit No.: Ut-54937

Utah State Permit No.: Ut00AF0515b

AERC Project 1655 (COG00-26)

Author of Report:

F. Richard Hauck, Ph.D



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September 11, 2000

ABSTRACT

An intensive cultural resource evaluation has been conducted for Coastal Oil & Gas Corporation of four well locations (Wonsits Federal Unit 1-5, Kennedy Wash Units 19-1 and 23-1, and Gose Federal Unit No. 3-18) and the related pipeline and access corridors in various localities (see Maps 1 through 5) of Uintah County, Utah. About 59 acres of public lands in the locality were examined by AERC archaeologists during an evaluations conducted on September 6, 2000.

No previously recorded cultural resources will be adversely affected by the proposed developments. 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 artifacts were recorded during the examination.

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

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GENERAL INFORMATION

The Coastal Oil & Gas 2000 development program involves the construction of four well locations (Wonsits Federal Unit 1-5, Kennedy Wash Units 19-1 and 23-1, and Gose Federal Unit No. 3-18) and the related pipeline and access corridors in various localities (see Maps 1 through 5) of Uintah County, Utah. About 59 acres of public lands in the locality were examined by AERC archaeologists during an evaluation conducted on September 6, 2000. The project area is on federal land administered by the Vernal Office of the Bureau of Land Management in Vernal, Utah. The project was conducted under Department of Interior Permit No. 54937 which expires on January 31, 2001.

The purpose of the field study and this report is to identify and document cultural site presence and 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 59 acres was examined by the archaeologists walking a series of 10 to 15 meter-wide transects within the staked ten acre well pad zones and along the 100 foot-wide access/pipeline corridors.

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 developments are located in the Deadman Flat, Twelve Mile Wash, and Kennedy Wash localities. Well locations are identifiable on the Red Wash SE, Red Wash NW, and Vernal SE topographic quads. The proposed development locations are situated as follows:

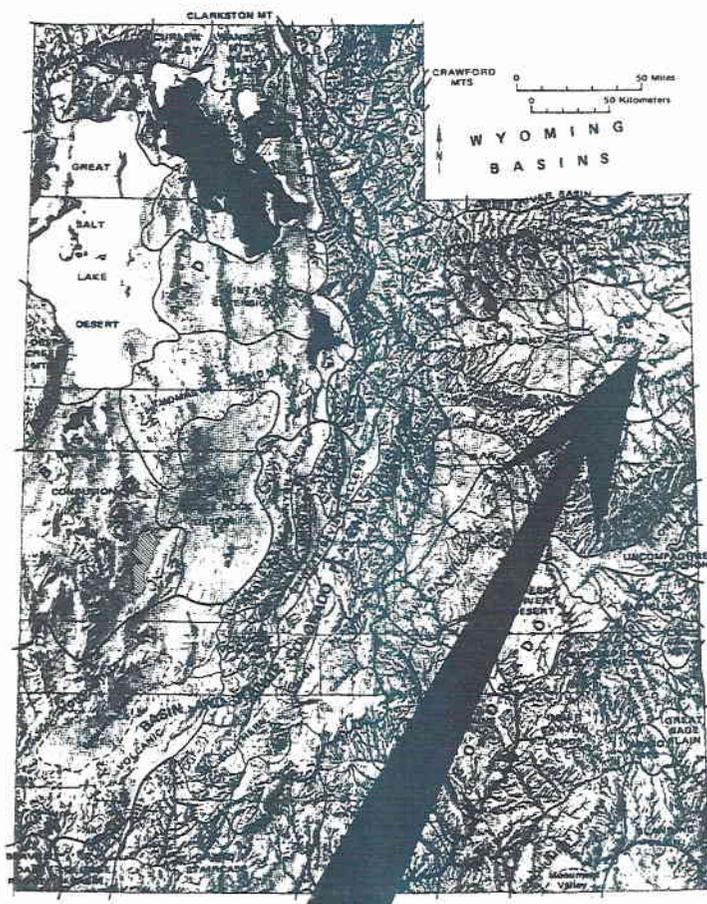
Wonsits Federal Unit No. 1-5 (see Map 2) is located in the NW of the NW of Section 5, Township 8 South, Range 22 East, Salt Lake Base & Meridian. Its .8 mile-long access and pipeline corridor extend to the southeast of the location to link with the Deadman Bench road in the SW quadrant of the NE quarter of that same section.

Kennedy Wash Federal Unit No. 19-1 (see Map 3) is located in the SE of the SE quarter of Section 19, Township 8 South, Range 23 East, Salt Lake Base & Meridian. Its .6 mile-

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



**PROJECT: COG00-26
SCALE: 1: 200,650
DATE: 9/11/00**



UTAH GEOLOGICAL AND MINERAL SURVEY
1977
PHYSIOGRAPHIC SUBDIVISIONS OF UTAH
BY W.L. STOKES

PROJECT AREA

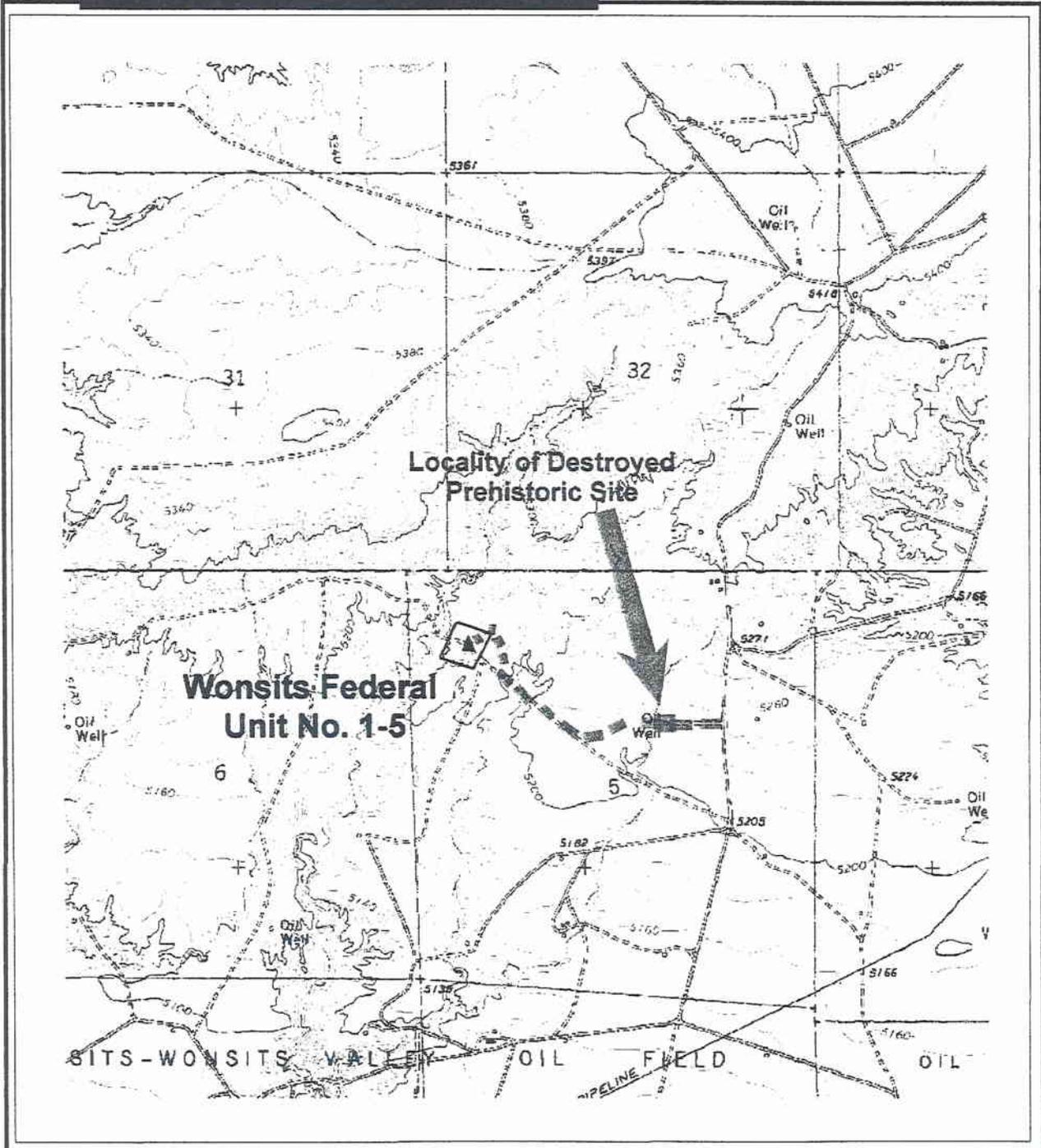
**TOWNSHIP: multiple
RANGE: multiple
MERIDIAN: multiple**

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

MAP 2:
CULTURAL RESOURCE SURVEY
OF PROPOSED WELL LOCATIONS
IN UINTAH COUNTY,
UTAH



PROJECT: COG00-26
SCALE: 1:24,000
QUAD: Red Wash NW
DATE: September 11, 2000



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

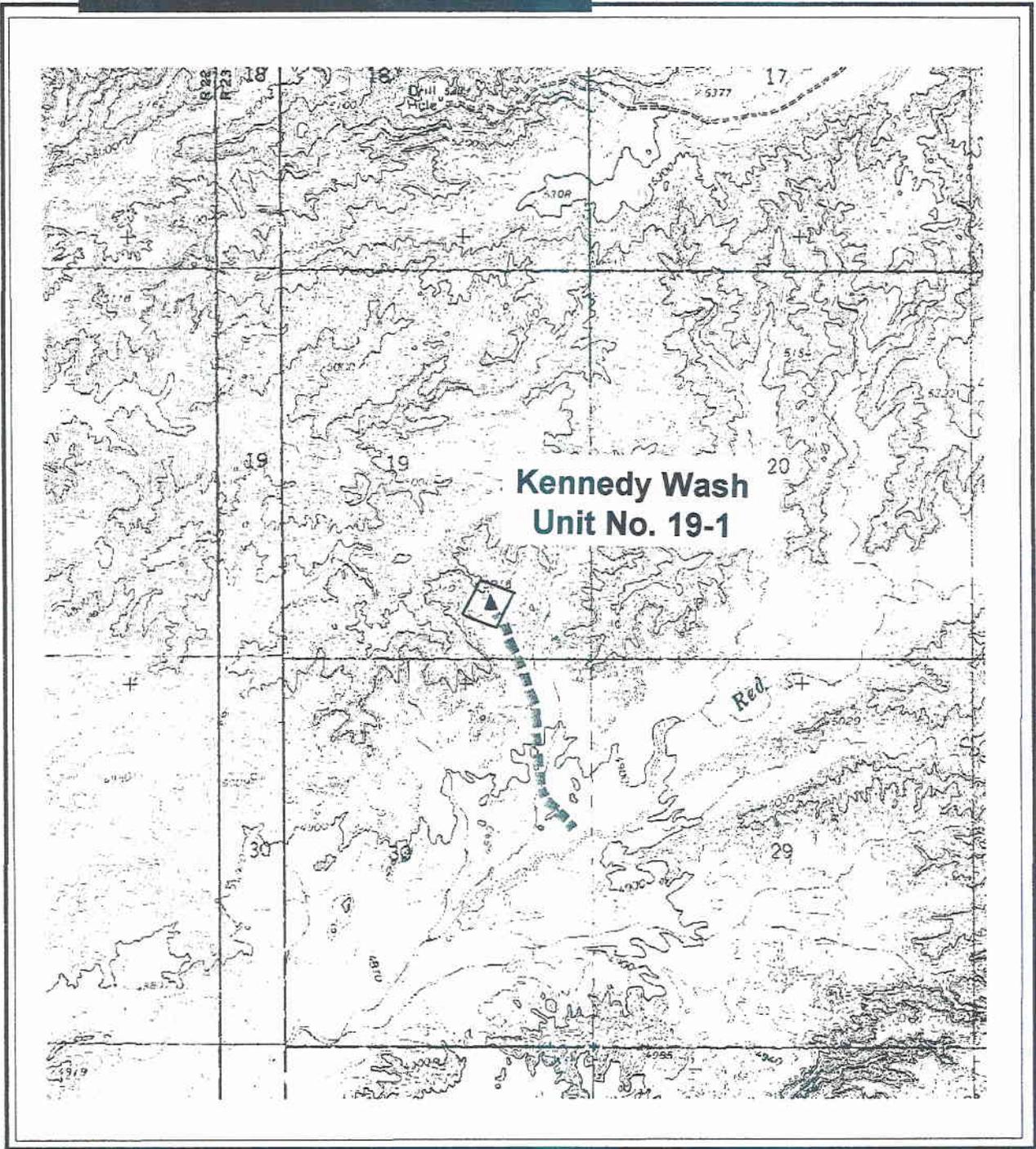
LEGEND

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

MAP 3:
CULTURAL RESOURCE SURVEY
OF PROPOSED WELL LOCATIONS
IN UINTAH COUNTY,
UTAH



PROJECT: COG00-26
SCALE: 1:24,000
QUAD: Red Wash SE
DATE: September 11, 2000



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

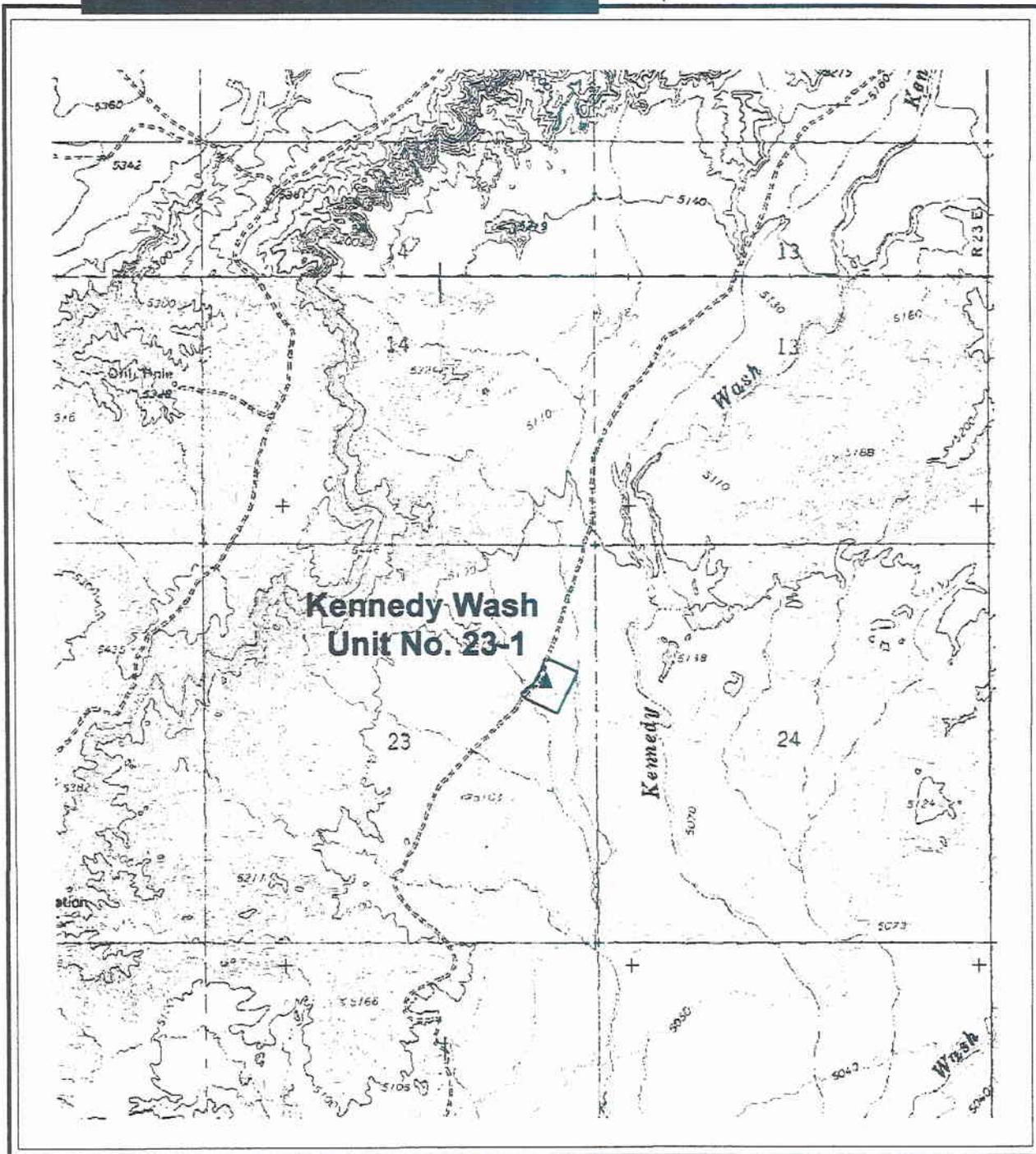
LEGEND

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

**MAP 4:
CULTURAL RESOURCE SURVEY
OF PROPOSED WELL LOCATIONS
IN UINTAH COUNTY,
UTAH**



PROJECT: COG00-26
SCALE: 1:24,000
QUAD: Red Wash SE
DATE: September 11, 2000



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

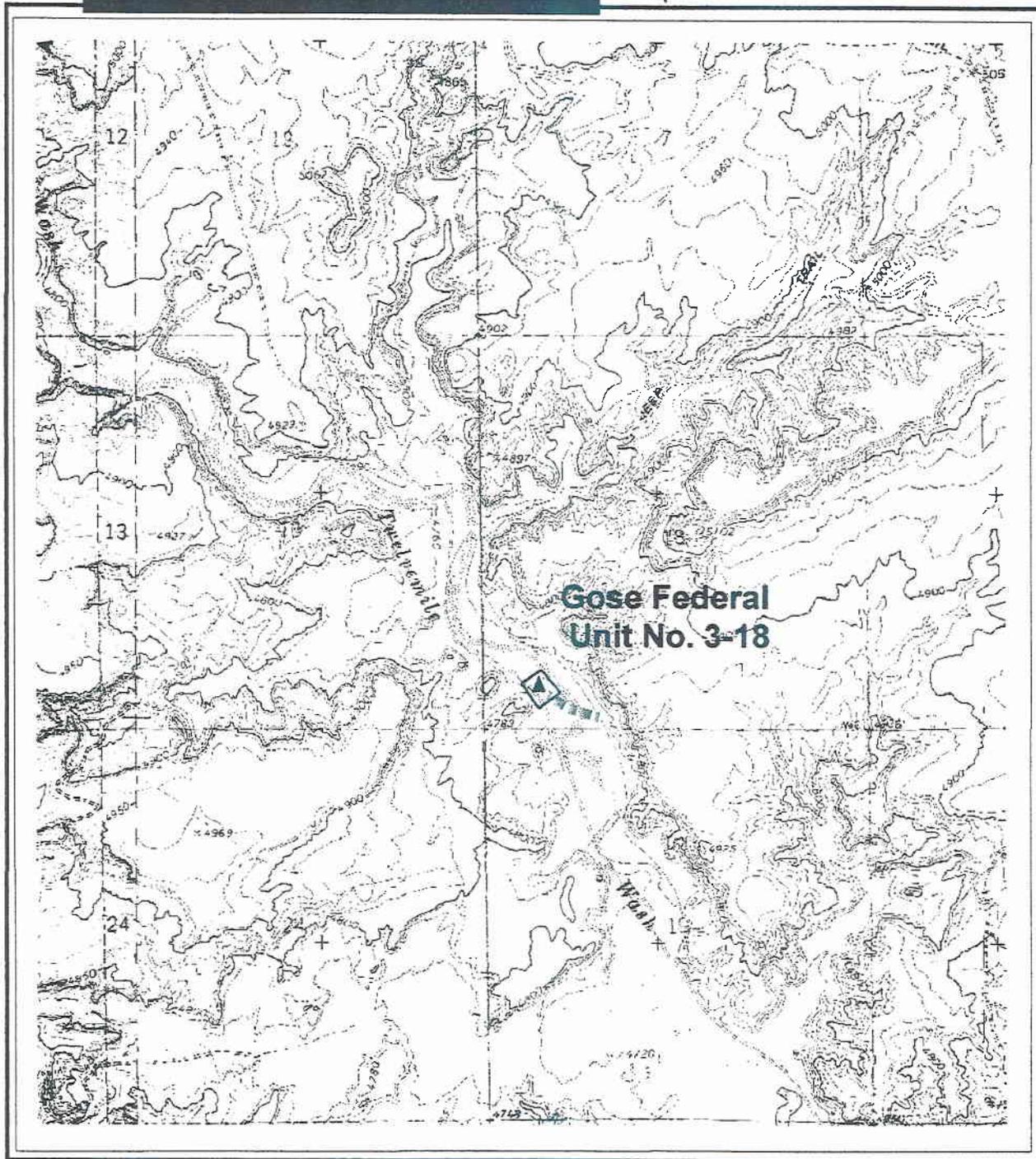
LEGEND

-  Well Location
-  Survey Area

MAP 5:
CULTURAL RESOURCE SURVEY
OF PROPOSED WELL LOCATIONS
IN UINTAH COUNTY,
UTAH



PROJECT: COG00-26
SCALE: 1:24,000
QUAD: Vernal SE
DATE: September 11, 2000



TOWNSHIP: 6 South
RANGE: 21 East
MERIDIAN: Salt Lake
 B. & M.

LEGEND

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

long access and pipeline corridor extend to the southeast of the location to link with the Red Wash road in the SE quadrant of the NE quarter of adjacent Section 30.

Kennedy Wash Federal Unit No. 23-1 (see Map 4) is located in the SE of the NE quarter of Section 23, Township 8 South, Range 23 East, Salt Lake Base & Meridian. The location is immediately adjacent to the Bonanza Power Plant road.

Gose Federal Unit No. 3-18 (see Map 5) is located in the SW of the SW quarter of Section 18, Township 6 South, Range 21 East, Salt Lake Base & Meridian. Its short access corridor (ca. .15 mile-long) extends to the southeast of the location to link with the Twelvemile Wash road. This location was originally the locus of Gose Government Unit No. 2-18, which has since been partially dismantled. The proposed well pad will be constructed on a previously disturbed surface which was not reinventoried by AERC due to the extensive modification which has occurred at that abandoned well site. The short access route was examined for cultural resource presence.

Environment

The elevations for the proposed well locations range from 4750 to 5250 feet above sea level. Ephemeral drainages in the project area are associated with tributaries that drain southward into the Green River or 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 September 6, 2000 and at the Antiquities Section in Salt Lake City on September 5, 2000. Earlier projects conducted in these specific project localities include the following: 81-NH-564 and 89-AF-660.

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.

Previous evaluations and area inventories indicate the occupation of the general project area has included prehistoric occupations (cultural affiliation unknown). 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 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 well location. The project was completed on September 6, 2000.

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 these four localities. 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 project areas shown on the maps, the archaeologists walked a series of 10 to 15 meter-wide transects within each ten acre staked location and along the 30 meter-wide access/pipeline corridors. All together, a 100% pedestrian survey was conducted of about 59 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 corridors and well locations referenced in this report, no cultural resources were encountered as sites or isolated finds.

No previously recorded cultural resources will be adversely affected by the proposed developments. 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.

Other than tortoise shell fragments, no paleontological loci were observed.

No newly identified cultural resource sites were recorded during the examination. A prehistoric site was once located in the general locality of the inactive Gulf Oil Company Wonsits Federal Unit No. 8 in the SW quarter of the NE quarter of Section 5, Township 8 South, Range 22 East (see Map 2). That site was destroyed during the development and closure of that well pad; only a few fragments of debitage and a lithic tool are present in the area to mark the general location of the lost resource. Since these artifacts are on a completely disturbed surface, the remnants of the site have lost their spatial and cultural integrity, hence the site no longer exists and therefore, was not recorded.

CONCLUSION AND RECOMMENDATIONS

AERC recommends that a cultural resource clearance be granted to Coastal Oil & Gas Corporation relative to the development of Wonsits Federal No. 1-5, Kennedy Wash Units 19-1, 23-1 and Gose Federal Unit 3-18 based upon adherence to the following stipulations:

1. All vehicle traffic, personnel movement, and construction should be confined to the flagged location, pipeline corridor or access route examined 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.



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

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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-00-0515b

Report Acceptable Yes ___ No ___
Mitigation Acceptable Yes ___ No ___
Comments: _____

Cultural Resource Evaluation of Four Proposed Well Locations (Wonsits Federal No. 1-5, Kennedy Wash Units 19-1, 23-1 and Gose Federal Unit 3-18) in Uintah County, Utah

1. Report Title
2. Development Company Coastal Oil & Gas Corporation
3. Report Date . . . 9/11/00 4. Antiquities Permit No. UT-00-54937
5. Responsible Institution . . . AERC COG00-26 County Uintah
6. Fieldwork Location: TWN . . 6 S . RNG . . 22 E . Section 18, & TWN . . 8 S . RNG . . 22 E . Section 5, TWN . . 8 S . RNG . . 23 E . Sections 19, & 23
7. Resource Area BC.
8. Description of Examination Procedures: *The archeologists, F.R. Hauck and Greg Stoehr, intensively examined the four 10 acre parcels and associated access/pipeline route (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 59

11. Description of Findings: 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 09-05-00 Vernal BLM 09-06-00

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:

- All vehicular traffic, personnel movement, construction and restoration operations should be confined to the existing roadways and/or evaluated corridors.*
- All personnel should refrain from collecting artifacts and from disturbing any significant cultural resources in the area.*
- 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.*

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

PALEONTOLOGICAL FIELD SURVEY REPORT

COASTAL OIL AND GAS CORPORATION

KENNEDY WASH FEDERAL #19-1

SECTION 19, TOWNSHIP 8 SOUTH, RANGE 23 EAST

UINTAH COUNTY, UTAH

SEPTEMBER 8, 2000

BY

**SUE ANN BILBEY, Ph.D. and EVAN HALL
UINTA PALEONTOLOGICAL ASSOCIATES, INC.
446 SOUTH 100 WEST
VERNAL, UTAH 84078
435-789-1033**

INTRODUCTION

In early September, Uinta Paleontological Associates, Inc. was contacted by Debbie Harris of Coastal Oil and Gas Corporation to do a paleontological field survey for the well site and access road for Kennedy Wash Federal #19-1 in SW1/4, SE1/4, Section 19, Township 8 South, Range 23 East on Bureau of Land Management lands in Uintah County, Utah (Figure 1). I have contacted Blaine Phillips, Archaeologist at the Bureau of Land Management in Vernal, Utah and Martha Hayden at the Utah Geological Survey to obtain sensitivity information regarding the Uinta and Duchesne River formations in this general area. In addition, Utah Field House site information was also reviewed.

This paleontological resource study is designed to comply with federal and state legislative and construction permit requirements regarding ground disturbing activities associated with well sites, pipelines, and access roads. The description in Appendix B summarizes the research design for a paleontological resource survey as defined by the Bureau of Land Management.

A 100% pedestrian field survey was done at well site Kennedy Wash Federal #19-1 in Section 19 on September 7, 2000. The access road right-of-way was also evaluated at that time.

GEOLOGIC HISTORY OF TERTIARY ROCKS IN THE UINTA BASIN

A major unconformity marks the end of the Cretaceous and beginning of the Tertiary Period in the eastern Uinta Basin/Mountains and northwestern Colorado (Fisher, Erdman, and Reeside, 1960). The Mesaverde Group unconformably underlies the Late Paleocene-Early Eocene Wasatch/Colton Formation). These Tertiary rocks are very similar region-wide as heterogeneous continental deposits with interfingering

R
22
E

R
23
E

**PROPOSED LOCATION:
KENNEDY WASH FEDERAL #19-1**

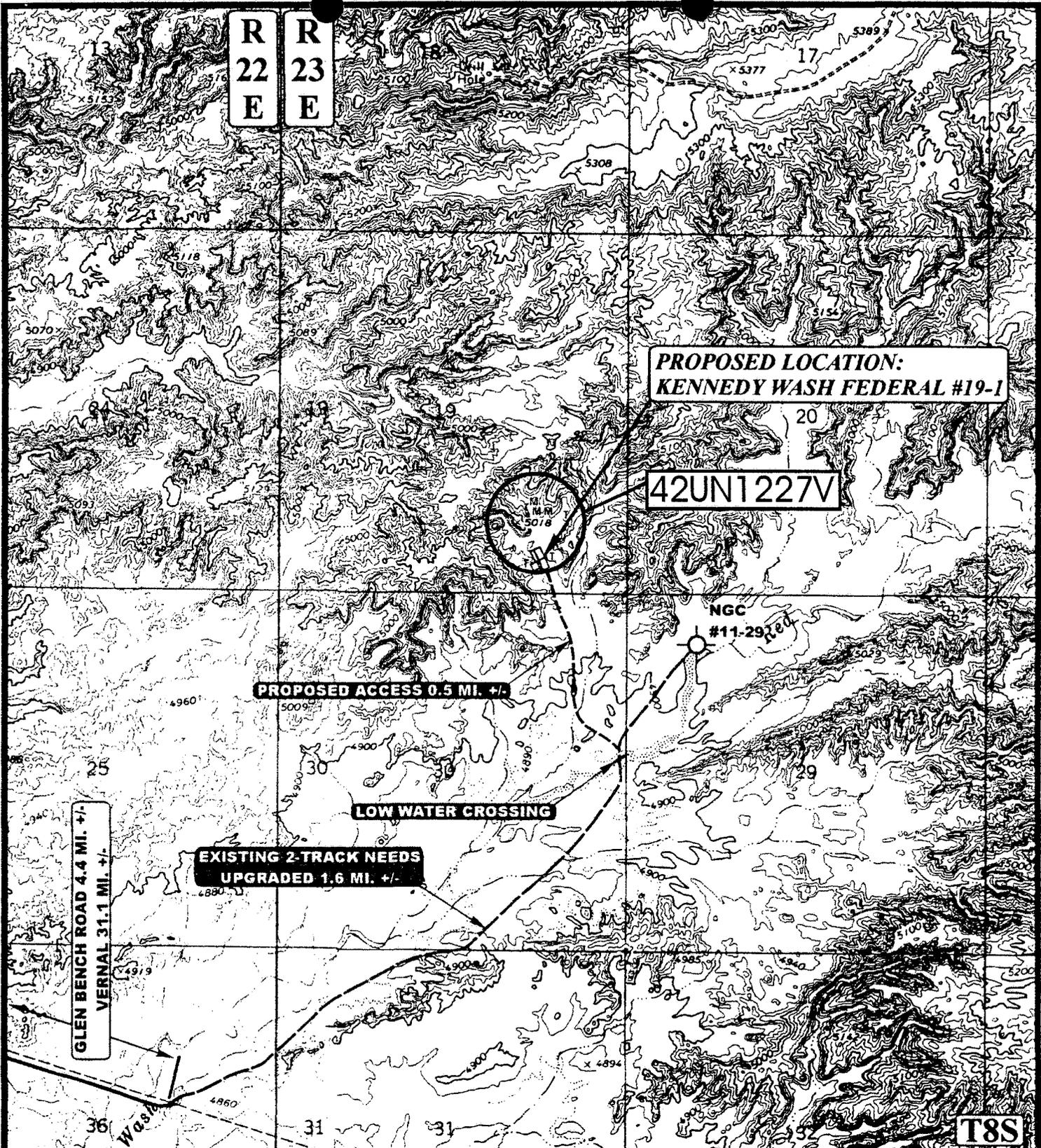
42UN1227V

PROPOSED ACCESS 0.5 MI. +/-

LOW WATER CROSSING

**EXISTING 2-TRACK NEEDS
UPGRADED 1.6 MI. +/-**

**GLEN BENCH ROAD 4.4 MI. +/-
VERNAL 31.1 MI. +/-**



LEGEND:

- PROPOSED ACCESS ROAD
- ===== EXISTING 2-TRACK
- _____ EXISTING ROAD

**COASTAL OIL & GAS CORP.
KENNEDY WASH FEDERAL #19-1
SECTION 19, T8S, R23E, S.L.B.&M.
472' FSL 1286' FEL**



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



TOPOGRAPHIC MAP
8 21 00
MONTH DAY YEAR
SCALE: 1" = 2000' DRAWN BY: C.G. REVISED: 00-00-00

T8S

**B
TOPO**

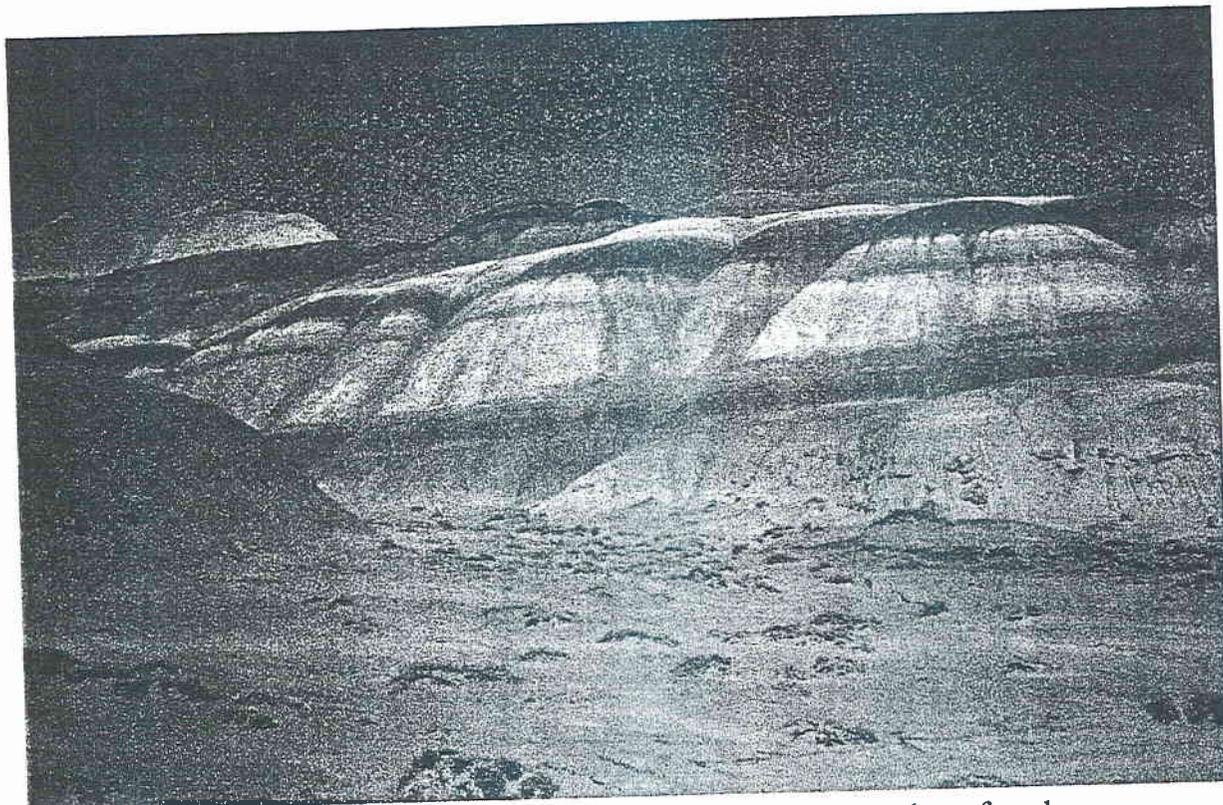


Figure 2. Formation just north of the well site where vertebrate material was found.



Figure 3. Large mammal jaw and skull fragments found on the surface.

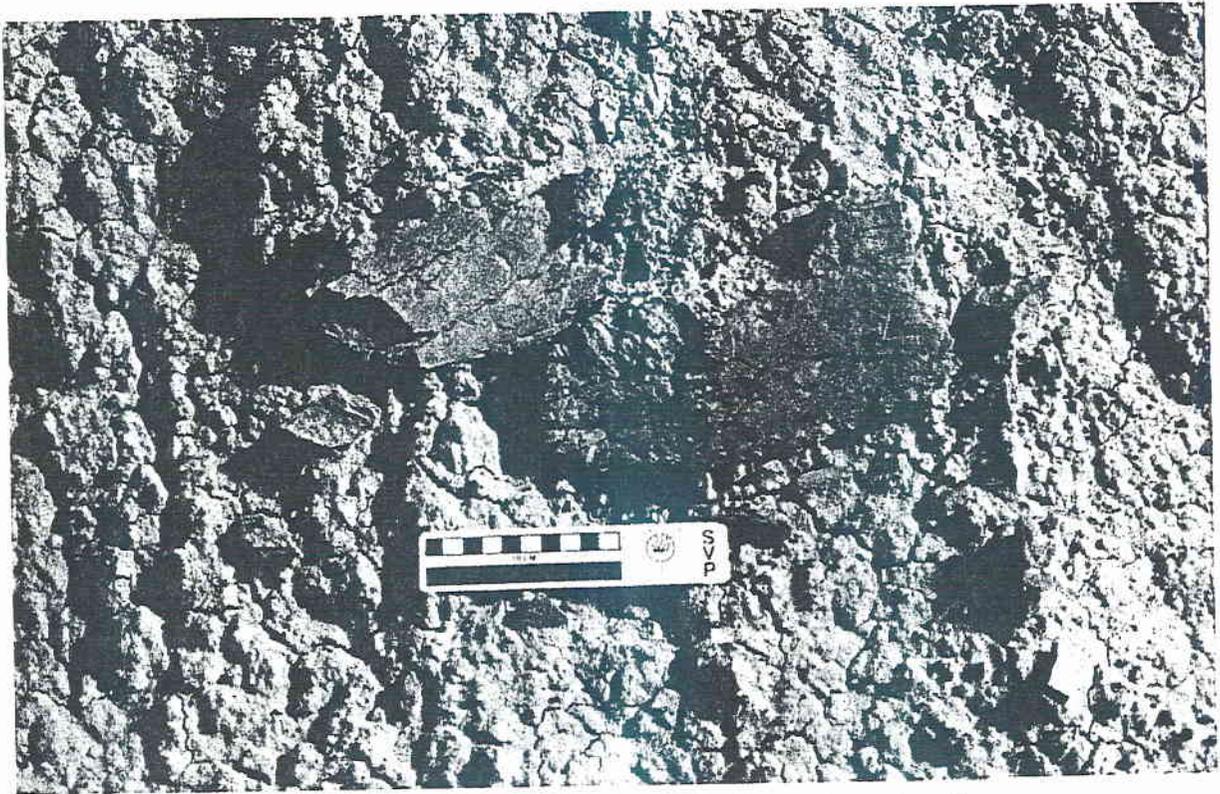


Figure 4. Pieces of a large mammal jaw near well site. Probably *Titanotheres*(?).

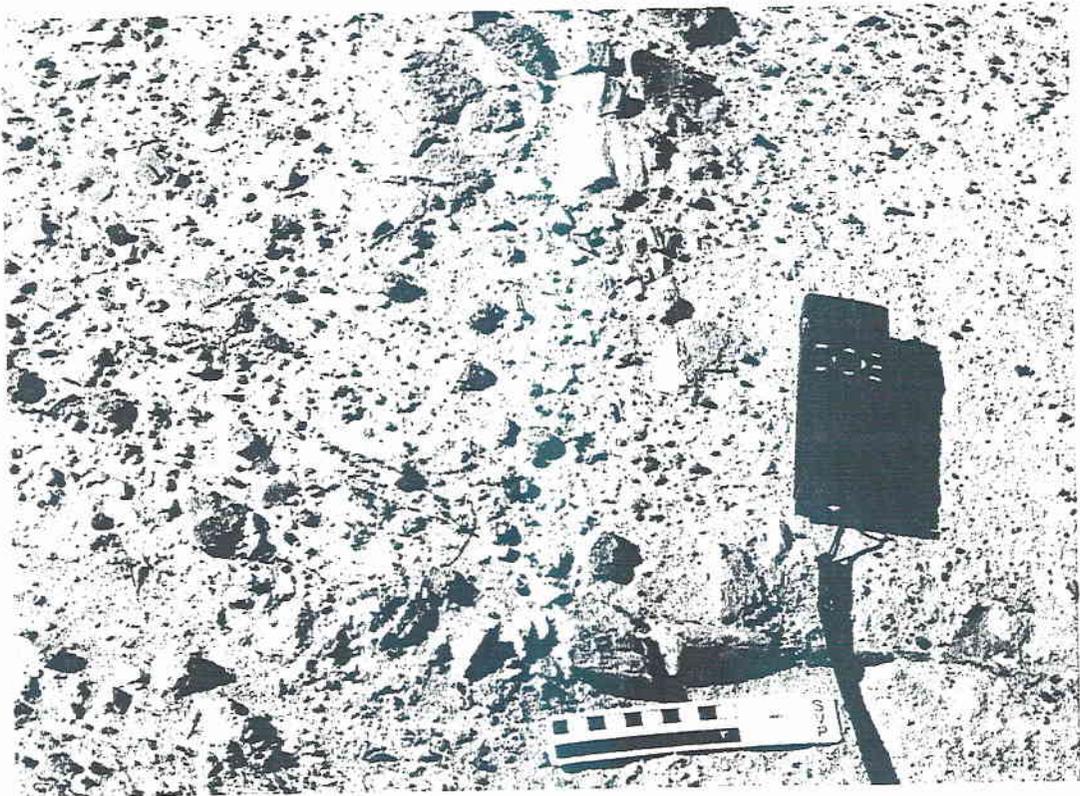


Figure 5. Limb bones from a large mammal. Left tibia in foreground.

channel sandstones and overbank deposits of claystone (Franczyk, Pitman, and Nichols, 1990). These rocks date from the late Paleocene and early Eocene and are known to contain a rich continental flora and fauna (Black and Dawson, 1966; Savage and Russell, 1983; Doi, 1990).

Transitional beds mark environmental changes from fluvial to lacustrine in the intermontane basins of the Intermountain West during the mid-Eocene. The Green River Formation in Utah is composed of nearly 7000 feet of middle Eocene lacustrine deposits (light gray to medium greenish gray shale, oil shale, and limestone), part of a large lake system that covered most of northeastern Utah (Lake Uinta), western Colorado, and southern Wyoming (Bryant, et al, 1989). The Green River Formation intertongues with the Wasatch Formation in the eastern Uinta Basin and those deltaic deposits are rich oil producers (Sanborn and Goodwin, 1965; Koesoemadinata, 1970). The southern and western limits of the lake are not known, although coarser sediments to the east and southeast suggest that an outlet and deepest portion of the lake lay to the southwest. This lake persisted through the Late Eocene in the central Uinta Basin and its shoreline fluctuated numerous times.

Conformably overlying and occasionally interfingering with the Green River Formation in the eastern Uinta Basin is the Uinta Formation, an alluvial unit comprised of the Wagonhound (A and B) Member and the Myton (C) Member. These are differentiated by lithologic and paleontologic components. The Wagonhound is identified as reddish gray to gray, fluvial sandstone units with interbedded overbank deposits of light gray to green claystone and mudstone that become more abundant up section (Stagner, 1942; Hamblin, 1987). Alternatively the Myton Member is recognized as variegated mudstone and claystone that weather into badland topography. Significant holotype mammalian fossils have been found in the Uinta Formation prompting paleontologists to identify the unit as the type area for the "Uintan Mammalian Age" of the Eocene Epoch (Kay, 1957; Rasmussen et al, 1999, Appendix A).

Duchesne River Formation was originally considered Oligocene by Peterson (1931), but is now accepted as largely Upper Eocene (Rasmussen, et al., 1999). Four lithostratigraphic members were identified by Anderson and Picard (1972): Brennan Basin, Dry Gulch, Lapoint, and the Starr Flat. They preserve sediments deposited largely by streams with some overbank and soil horizons. These streams were flowing primarily from the north as the Uinta Mountains were rising unlike the Uinta Formation whose origins are primarily from the Rocky Mountains to the east. Occasionally volcanic ash layers are found in the Duchesne River Formation and one, the Lapoint Tuff has been dated at approximately 40 Ma (McDowell and others, 1973; Prothero and Swisher, 1992).

Of the Duchesne River units, the Brennan Basin and Lapoint members have been the most productive paleontologically. Most of the paleontological research has been done on the Lapoint Member, particularly at the Carnegie Museum "Titanotherium" quarry west of Vernal. The Brennan Basin Member, best known for the Randlette Fauna, has not been thoroughly studied, but does contain taxa intermediary between the better known Uinta C and Lapoint faunas (Appendix A). The base of the Duchesne River Formation is easily identifiable at Randlette, e.g., resistant reddish brown sandstones overlying variegated fine-grained units of the Uinta Formation. Unfortunately in the eastern part of the Uinta Basin (east of the Green River), there may be as much as 1000 feet of interfingering beds of the Uinta and Duchesne River formations. Anderson and Picard (1972) placed the boundary at the highest grayish red purple claystone, which is similar to the criteria used by Untermann and Untermann (1964).

RESULTS OF PALEONTOLOGICAL SURVEY

Kennedy Wash Federal #19-1 stratigraphically lies near the interface between the Uinta Formation, also known as the Uinta C, and the overlying Duchesne River Formation (Brennan Basin Member of Anderson and Picard, 1972). Vertebrate fossil

resources are common in the lower unit, with numerous sites within several miles of the Kennedy Wash unit. In fact, Prothero (1996) uses the term Kennedy Hole as one of the major fossil bearing localities for the Uinta Formation in the Uinta Basin.

The proposed road into Kennedy Wash Federal #19-1 crosses the outwash plain of the nearby Uinta/Duchesne River Formation badlands. The surface is covered with rocky to sandy soils dotted with sage and salt brush. There is considerable evidence of frequent surficial flash floods in the area, i.e., thin veneers of mudcracked sand and clay. The drainage collects water from the badland amphitheater north of and surrounding the well site. Near the well site the proposed road will cross a wide bench of sandstone approximately 1 m thick and the well site will be built on remnants of this bench further north.

The well site is primarily in a drainage basin with shallow sandy to rocky soil exposed at the surface. Good exposures of the Uinta/Duchesne River Formation interface are seen in the surround hills. The underlying rock can be inferred from nearby exposures to the south, i.e., fluvial sandstone and overbank mudstone of the Uinta Formation. The beds are dipping about 10 degrees northwest.

Only a few scraps of turtle shell fragments were found in the outwash on the well site. Near the southwest corner we found numerous shattered fragments of a turtle weathering from a reddish gray mudstone exposed on the hillside. Well site construction should not impact that fossil material. On a nearby hill to the east, there are impressions in the base of a channel sand similar to vertebrate footprints found elsewhere in the area (Hamblin, et al., 1999).

North of the well site where overlying beds are well exposed in the badlands, we found a significant number of fossil mammals and large turtles (42UN1227v, Figures 2-4). A large mammal jaw and possible skull material, large fragments of enamel, leg bones, and vertebrae are weathering from a green mudstone on a steep hillside.

Another season of rainy weather could easily disarticulate, break and carry these bones away from their site of deposition. Valuable provenance information could be lost. We have not positively identified the stratigraphic horizon as these rocks are in an interfingering sequence. Whether they are from the uppermost Uinta or lowest Duchesne River, the good preservation of the bone will allow ready identification of these scientifically significant mammal fossils. Although these fossils will not be impacted by well site or road construction, they are clearly identifiable by novices and could be illegally collected.

RECOMMENDATIONS: These strata in the uppermost Uinta and lowest Duchesne River Formation have a high probability for impact to fossil resources although few were found directly on the proposed well site or road. As there is a critically important fossil site very near the well site (42UN1227v), we recommend that those fossils be collected while the well site is being constructed. Monitoring or spot checking of the impacted rocks can occur at the same time.

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APPENDIX A

FAUNAL LIST

TERTIARY UINTA FORMATION
FAUNAL LIST

(Taken from Kay, 1957; Black and Dawson, 1966; Madsen and Miller, 1979; Savage and Russell, 1983; and Hamblin, 1987; 1992)

Kingdom Animalia:

Phylum Chordata:

Class Teleostomi (Fish)

Order Amiformes

Amia plicates ?

Order Lepisosteiformes

Lepisoteus sp. ?

Class Aves (Birds)

Order Anseriformes

Eonessa anaticuia

Class Reptilia

Order Chelonia

Family Baenidae

Baena inflata

B. arenosa

B. playlastra

B. gigantea

B. emilia

Family Carettochelyidae

Anosteira ornata

Pseudoanosteira pulchra

Family Testudinidae

Echmatemys callopyge

E. douglassi

E. hollandi

E. uintensis

E. depressa

E. obscura

E. pusilla

Testudo uintensis

T. carsoni

T. utahensis

T. robustus

Trionyx egregia

T. crassa

T. scutumantiquum

Order Squamata

Glyptosaurus sp.

(?)*Helodermoides* sp.

Order Crocodylia

Procimanoidea utahensis

undetermined sp. of

Alligator

Class Mammalia

Order Lagomorpha

Mytonolagus petersoni

Order Deltatheridia

Limnocyon douglassi

L. potens = *Telmatocyon*

Oxyaenodon dysclerus

Apatehurus kajji

(?) *Micropternodus*

= *Kentrogomphios*

Order Insectivora

Talpavus dupus

Nyctitherium sp.

(?) *Micropternodus* sp.

Order Primata

Ourayia uintensis

Mytonius hopsoni

Stehlinella uintensis

= *Stehlinius*

Order Taeniodonta

Stylinodon mirus

Order Dinocerata

Uintatherium sp.

= *Dinoceras*, *Loxolophodon*

Order Condylarthra

Hyopsodus uintensis

Order Rodentia

Family Ischyromyoidea

Ischyrotomus petersoni

I. compressidens

I. eugenei

Leptotomus leptodus

L. sciuroides

Reithroparamys gidleyi

Janimus rhinophilus

Mytonomys robustus

M. mytonensis

Thisbemys uintensis

T. medius

Sciuravus latidens

S. popi

Family Clindrodontidae

Pareumys milleri

P. grangeri

P. ? troxelli

Family Protoptychidae

Protoptychus hatcheri

Order Carnivora

Miacis gracilis

M. longipes = *Mimocyon*

Uintacyon robustus

Prodaphaenus scotti

Procynodictis sp.

Simidectes medius

= *Pleurocyon*

Mesonyx sp.

Harpagolestes breviceps

H. uintensis

Order Artiodactyla

Family Dichobunidae

Pentacemylus leotensis
P. progressus
Mytonomeryx scotti
Hylomeryx quadricuspis
H. annectens
Auxotodon pattersoni
Bunomeryx elegans
B. montanus
Mesomeryx grangeri

Family Entelodontidae

Achaenodon insolens
A. uintense

Family Camelidae

Poebrodon kayi

Family Oromerycidae

Oromeryx plicatus
Protylepus petersoni
P. ? annectens

Order Perrissodactyla

Family Equidae

Epihippus gracilis
E. parvus
E. uintensis
= *Duschesnehippus*
= *Orohippus?*
= *Anchitherium?*

Family Isectolophidae

Isectolophus annectens
I. cuspidens

Family Helaletidae

Dilophodon leotanus

Family Amynodontidae

Amynodon advenum
A. intermedius
= *Diceratherium?*

Family Agrichoeridae

Protoreodon pumilus
P. parvus
P. minor
P. petersoni
= *Eomeryx*, *Hyomeryx*,
= *Agriotherium*,
= *Chorootherium*,
= *Protagrichoerus*,
= *Mesagrichoerus*
Diplobunops matthewi
D. vanhouteni

Family Leptomerycidae

Leptotragulus proavus
L. medius
L. clarki
= *Parammeryx*
Leporeodon marshi
= *Camelomeryx*,
= *Merycodesmus*

Family Chalicotheriidae

Eomoropus annectens

Family Brontotheriidae

Mesatirhinus earlei
M. riparius
M. parvus
= *Metarhinus*,
= *Heterotitanops*
Dolichorhinus longiceps
D. intermedius
D. heterodon
Rhadinorhinus abbotti
R. diploconus
Sthenodectes incisivus
S. priscus
Manteoceras uintensis
Protitanotherium emarginatum

Family Hyracodontidae

Triplopus rhincerinus

T. obliquidens

= *Prothyracodon*

Epitriplopus uintensis

Forstercooperia grandis

P. superbum

= *Diplacodon*

Diplacodon progressum

D. elatum

Eotitanotherium osborni

Telmatherium cornutum

DUCHESNE RIVER FORMATION
From Black and Dawson, 1966; Rasmussen et al., 1999

Reptilia:

Testudinata (Turtles)
Cymathoicus longus

Crocodylomorpha (Crocodiles)
Crocodylus acer

Mammals:

Insectivora
Erinaceidae
Protictops
Centetodon sp. (LP)

Lagomorpha
Leporidae
Mytonolagus sp. (BB)

Proteutheria
Simidectes sp., cf. *S. magnus* (BB)

Rodentia

Paramyidae
Leptolomus
Mytonomys robustus (BB)
Cylindrodontidae
Pareumys guensbergi (LP)
Paraumys sp., aff. *P. milleri* (BB)
Eomyidae
Protadidaumo typus (LP)
Rodentia Incertae Sedis:
Myomorph?

Carnivora
Mesonychidae
Hessolestes ultimus (LP)
Hyaenodontidae / Creodonta
Hyaenodon sp., cf. *H. vetus* (LP)
Felidae?
Eosictis

Perissodactyla

Equidae
Epithippus
Brontotheriidae
Protitanotherium
Duchesneodus (Teleodus) uintensis (LP)
Duchesneodus new species (BB)
Duchesnehippus intermedius (LP)
Helaletidae
Dilophodon leotanus (BB)
Hyracodontidae
Colodon sp. (LP)
Epitriolopus medius (BB)
Mesamynodon
Hyracodon medius (LP)
Amynodontidae
Amynodon
Megalamynodon regalis (BB)
Uintaceras sp. (BB)
brontothere, new genus and species (BB)

Artiodactyla

Dichnobunidae
Pentacemylius progressus (BB)
Entelodontidae
Dyscritochoerus
Brachyhyops wyomingensis (LP)
Agriochoeridae
Protoreodon sp., cf. *P. pumilus* (LP)
Protoreodon pumilus (BB)
Protoreodon primus (BB)
Diplobunops crassus (BB)
Agriochoerus maximus (LP)
Leptomerycidae
Poabromylus kayi (LP)
Leptotragulus proavus (BB)
Leptotragulinae, ind. genus, sp. (BB)
Oromerycidae, ind. genus, sp. (BB)
Hypertragulidae
Simimeryx minutus (LP)

APPENDIX B

RESEARCH DESIGN FOR A PALEONTOLOGICAL RESOURCE SURVEY

PROJECT EVALUATION

Federal and State Requirements

The United States Department of Interior/ Bureau of Land Management request reviews of the paleontological sensitivity of all geologic formations included on Bureau of Land Management lands involved in well site, pipeline, and road construction under the mandates outlined in the following laws and rulings:

- 1) The Historic Sites Act of 1935 (P.L. 74-292; 49 Stat. 666, 16 U.S.C. 461 et seq.);
- 2) The National Environmental Policy Act of 1969 (NEPA)(P.L. 91-190; 31 Stat. 852, 42 U.S.C. 4321-4327);
- 3) The Federal Land Policy and Management Act of 1976 (P.L. 94-579; 90 Stat. 2743, U.S.C. 1701-1782);
- 4) BLM Paleontology Resources Management Manual and Handbook H-8270-1.

A Technical Analysis of Existing Data involves a paleontological literature search (similar to an archaeological "Class 1 survey") with a thorough review of the bibliography of the formation to be impacted and its paleontological sensitivity. In addition, other unpublished sources are utilized. These include known fossil locality maps and paleontological survey reports in the hands of United States Geological Survey, Bureau of Land Management, university, and museum personnel.

PALEONTOLOGICAL FIELD SURVEY

A Paleontological Field Survey (similar to an archaeological Class 3 survey) report for the Environmental Impact Statement is prepared upon completion of the field survey identifying and describing significant fossil-bearing sites and formations. As necessary pedestrian surveys are done along bedrock exposures. Known and discovered fossil sites in the area are identified and recommendations are made regarding mitigation. All formations to be impacted are identified on topographic or alignment maps.

A classification system (as suggested by the Bureau of Land Management in a Paleontological Manual issued March 4, 1996, revised 1998) uses the following criteria for defining the paleontological sensitivity of geological formations:

"Public lands may be classified and ranked based on their likelihood to contain fossils, using the following criteria:

Condition 1 - Areas that are known to contain fossil localities. Consideration of the paleontological resources will be necessary if available information indicates that fossils are present in the area.

Condition 2 - Areas with exposures of geological units or settings that are likely to contain fossils. The presence of geologic units from which fossils have been recovered elsewhere will require an assessment of these same units if they occur in the area of consideration.

Condition 3 - Areas that are very unlikely to produce fossils based on their surficial geology, e.g., igneous or metamorphic rocks, extremely young alluvium, colluvium, or aeolian deposits.

In keeping with the historical policies adopted by the Department of the Interior and the BLM, these classification guidelines apply primarily to vertebrate fossils. However, where noteworthy occurrences of invertebrate or plant fossils are known or expected, the same procedures shall be followed."

In addition a similar classification system (as proposed by the Society of Vertebrate Paleontology, 1995) is used for defining the paleontological sensitivity of geological formations includes:

- I. **High Potential.** Rock units from which vertebrate or significant invertebrate fossils or significant suites of plant fossils have been recovered are considered to have a high potential for containing significant non-renewable fossiliferous resources. These units include, but are not limited to, sedimentary formations and some volcanic formations which contain significant nonrenewable paleontologic resources anywhere within their geographic extent, and sedimentary rock units temporally or lithologically suitable for the preservation of fossils...
- II. **Undetermined Potential.** Specific areas underlain by sedimentary rock units for which little information is available are considered to have undetermined fossiliferous potential. Field surveys by a qualified vertebrate paleontologist to specifically determine the potentials of the rock units are required before programs of impact mitigation for such areas may be developed.

III. **Low Potential.** Reports in the paleontological literature or field surveys by a qualified vertebrate paleontologist may allow determination that some areas or units have low potentials for yielding significant fossils. These deposits generally will not require protection or salvage operations."

Evaluation of formations to be impacted follow these criteria. Consequently many geological formations and informal units are recognized to have the potential to contain fossils. Those containing vertebrate fossils tend to be considered the most significant, and hence the highest susceptibility to ground disturbance. Vertebrate fossils tend to be rare and fragmentary (portions of skeletons) when found, thus having scientific importance. Invertebrate fossils and plant fossils, by contrast are relatively common, unless meeting the above criteria. Of the invertebrate and plant fossil producing localities, the "type" sites (i.e., locations that have produced fossils which paleontologists have used to define extinct species) are considered among the most significant scientific resources.

If significant fossil material (vertebrate, invertebrate, or plant) is encountered during the field survey, appropriate recommendations will be determined by several criteria. These are:

Sampling - During the field survey, material is sampled to facilitate further analyses to determine significance. Frequently fossil taxa are not sufficiently well known to allow the determination of significance in the field.

Salvage - Salvage is requested if the fossil discovery is of scientific interest and if construction will destroy the site. Obviously, this must be reasonably cost effective, since the cost of salvage can be very high (greater than \$10,000). In addition the time involved for such an operation (frequently causing an unacceptable delay in construction) also should be evaluated. Rerouting may be considered the more appropriate action.

Monitoring - If critical or significant fossil material is likely to be encountered during ground disturbing activity, monitoring is recommended. The probability of this occurring is determined from the evaluation of the literature and of field survey discoveries.

Route / Site Change - A request for a route change is made if critical or significant fossil material is encountered directly on the right-of-way and the salvage cost or time factor is unacceptably high. A route change also may be requested if the

locality is scientifically very important and should be left undisturbed for subsequent scientific evaluation.

A 100% pedestrian field survey through all Type I (high potential) units excluding extremely steep slopes, areas of soil development, and vegetated areas. These excluded areas are either not safe to attempt fossil recovery or are not likely to be productive paleontologically. Alternatively, areas of good, safe formational exposure should be carefully examined. Type II (undetermined potential) formations should be spot checked on good exposures. Type III (low potential) formations are unlikely to reveal any fossiliferous material and therefore do not need to be examined.

Monitoring and Mitigation Procedures

Mitigation

If a geologic unit is deemed to be of high potential (as determined by a review of the literature and/or a field survey) for containing significant nonrenewable paleontologic resources, mitigation measures should be performed to protect that resource. All phases of the mitigation will be supervised by a qualified professional paleontologist.

1. To prevent damage to a known paleontologically sensitive resource and to prevent construction delays, salvage or rerouting recommendations will be made prior to the beginning of construction.
2. Specific boundaries of sensitive formations must be delineated so the company personnel, developers, and/or contractors are aware of areas with potential problems. Any special treatment will be specified prior to excavation.
3. Contractors must be made aware that the federal land agent, environmental inspector and a qualified professional paleontologist must be contacted if fossil material is unearthed during construction even on segments where no monitoring is required during construction.

Monitoring Plan

During construction there must be adequate paleontological monitoring of significant units to salvage specimens. In sedimentary units established as highly paleontologically significant (Type 1 unit), a qualified paleontological monitor must be present during 100 percent of the ground-disturbing activity, unless it has been previously determined by the

project paleontologists that reduced monitoring is appropriate. In geologic units classified as moderately significant (Type 2 unit) the monitor should perform spot checks during construction based on the lithology of the unit. The monitoring program includes:

1. Qualified paleontological monitors will be present during 100 percent of ground disturbing activity along the Type 1 sectors of the route and will perform spot checks along Type 2 portions of the route. Maps of specific areas to be monitored along each segment will be provided to the paleontological monitor, the operation chief for construction, and the Environmental Inspector prior to construction.

The monitors will be experienced in paleontologic salvage and equipped with tools and supplies to allow rapid removal of specimens. If numerous pieces of equipment are used simultaneously at diverse locations in sensitive areas, at least one monitor should be present at each work location. The monitor will follow the earth-moving equipment and examine excavated material and sidewalls for signs of fossil resources. The paleontological monitor will contact the environmental inspector to request that construction be halted, if necessary, to further evaluate the fossil resources. A follow-up survey, a week or two later if possible, should be conducted through sensitive areas to reaffirm the lack or presence of fossil material (wind and rain frequently expose fossil materials missed during the initial evaluation). The supervising paleontologist, in cooperation with the environmental inspector and paleontological monitor, will determine what material is present, arrange for removal and/or sampling, and verify when excavation at that site may continue.

2. Backup monitors will be available to assist in the removal of large or abundant fossils so that delays to continued construction can be avoided. Due to the remoteness of many sites, there must be adequate time allowed for these people to arrive.
3. Some significant vertebrate resources are small to microscopic in size and may not be readily apparent during construction activity. Close inspection of the fine grained rocks, sampling, and screen washing may determine if fossils are present. If the rocks are fossiliferous, samples will be collected for further recovery. An adequate sample size is determined by the supervising paleontologist. To avoid construction delays, matrix samples may be removed from the path of the excavation for later processing.

Preparation of Fossil Collections

Preparation of small to medium size vertebrate material will be conducted by the primary investigators. If large vertebrate material is encountered, other arrangements

may have to be made, e.g., cooperation with the Idaho Museum of Natural History personnel. Under no circumstances will fossils be removed from private lands for any reason, including curation, without the express written consent of the affected landowner. The landowner determines the ultimate repository for his/her collection.

Preparation of vertebrate fossils involves cleaning, stabilizing, and identification. Numbering, boxing, and storage will be done as prescribed by the curation facility. Fossil localities near the right-of-way encountered in the field survey as well as during construction are to be plotted on U. S. Geol. Survey 7.5' quadrangle maps. A complete set of records and photographs with an itemized specimen inventory will be compiled and filed at the curation facility.

Curation Facilities

Curation facilities are chosen by their proximity to the site, by the professional curation staff, or by the federal or state agency which has authority over the site or that portion of the pipeline route. An example of an appropriate institution to be used for curation:

Utah Field House of Natural History State Park

Final Report

Upon completion of construction and evaluation of samples collected along the route, a final report will be compiled. Included in this report will be:

- 1) Description of field work,
- 2) Geologic history and stratigraphy of the formations along the route,
- 3) Survey results and evaluation of the formations impacted, with a description of fossil sites by formation,
- 4) Significance of recovered specimens with regard to other known localities,
- 5) Bibliography of formations and paleontological resources,
- 6) Appendix of Paleontology Locality Forms with maps,
- 7) Appendix of an itemized specimen inventory of collected samples with curatorial facilities,
- 8) Appendix of Collection Permits, Curation Agreements, and other appropriate communications.

PALEONTOLOGY LOCALITY Data Sheet										Page of									
										State Local. No. 42UN1227v,t									
										Agency No. BLM-UT-S-98-001									
										Temp. No									
1. Type of locality		Invertebrate		Plant		Vertebrate		x		Trace		x		Other _____					
2. Formation: Uinta / Duchesne Interface				Horizon:				Geologic Age: Upper Eocene											
3. Description of Geology and Topography: Amphiteater of red, gray, green, tan and orange badlands . dip about 10 degrees northwest																			
4. Location of Outcrop: On the edge of the exposure at the upper part of the gray mudstone above the orange mudstone and sandstone. Coastal well Kennedy Wash Federal #19-1																			
5. Map Ref.		USGS Quad		Red Wash SE				Scale		7.5		Min		Edition					
		of		c		of		SE1/4		of Sectn		19		T 8S R 23E Meridn SL					
6. Lat.				Long.				UTM Grid				12T0639457 - 0639406, 4440409 - 4440433							
7. State: Utah				County: Uintah				BLM/FS District:				Book Cliffs							
8. Specimens Collected and Field Accession No. None collected at this time																			
9. Repository: Utah Field House of Natural History State Park																			
10. Specimens Observed and Disposition: Large mammal jaw and skull fragments, vertebrae, limb bones, Trionychid turtle shell fragments, Echmatemyx turtle shell fragments Weathering from the interface of a pinkish gray mudstone and a greenish gray mudstone above the basal orange mudstone Possible mammal track site in the orange sandstone just east of the well site as well as crayfish burrows in the sandstone																			
11. Owner:		Private		State		BLM		x		US FS		NPS		IND		MIL		OTHR	
12. Recommendations for Further Work or Mitigation: Fossils should be collected prior to drilling the well. Construction will not impact the fossils, but they are very obvious to even the casual observer. Surface fossils should be collected and their sites of origin designated by a metal stake.																			
13. Type of Map Made by Recorder: Topographic map of site																			
14. Disposition of Photo Negatives: Fossils and of the site																			
15. Published References: Rasmussen, et al., 1999, Rowley, et al., 1985																			
16. Remarks: These fossils are scientifically critical to the study of the upper Eocene rocks of the uppermost Uinta Formation and lower Duchesne River Formation.																			
17. Sensitivity:		Critical		x		Significant		Important		Insignificant									
18. Recorded by: Sue Ann Bilbey, Ph.D. and Evan Hall										Date: September 7, 2000									

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 11/06/2000

API NO. ASSIGNED: 43-047-33749

WELL NAME: KENNEDY WASH FED 19-1
 OPERATOR: COASTAL OIL & GAS CORP (N0230)
 CONTACT: CHERYL CAMERON

PHONE NUMBER: 435-781-7023

PROPOSED LOCATION:
 SESE 19 080S 230E
 SURFACE: 0472 FSL 1286 FEL
 BOTTOM: 0472 FSL 1286 FEL
 UINTAH
 UNDESIGNATED (2)

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

LEASE TYPE: 1 - Federal
 LEASE NUMBER: U-74425
 SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: MVRD

RECEIVED AND/OR REVIEWED:

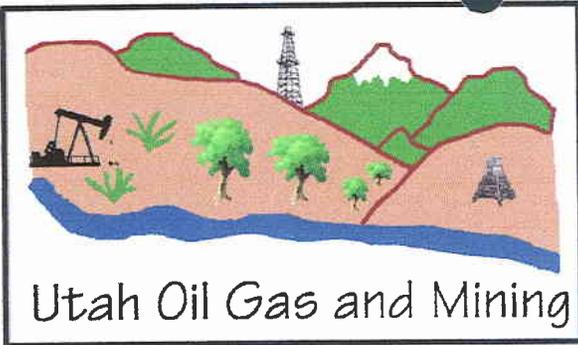
- Plat
- Bond: Fed Ind Sta Fee (No. U-605382-9)
- N Potash (Y/N)
- N Oil Shale (Y/N) *190 - 5 (B)
- Water Permit (No. 43-8496)
- N RDCC Review (Y/N) (Date: _____)
- N/A Fee Surf Agreement (Y/N)

LOCATION AND SITING:

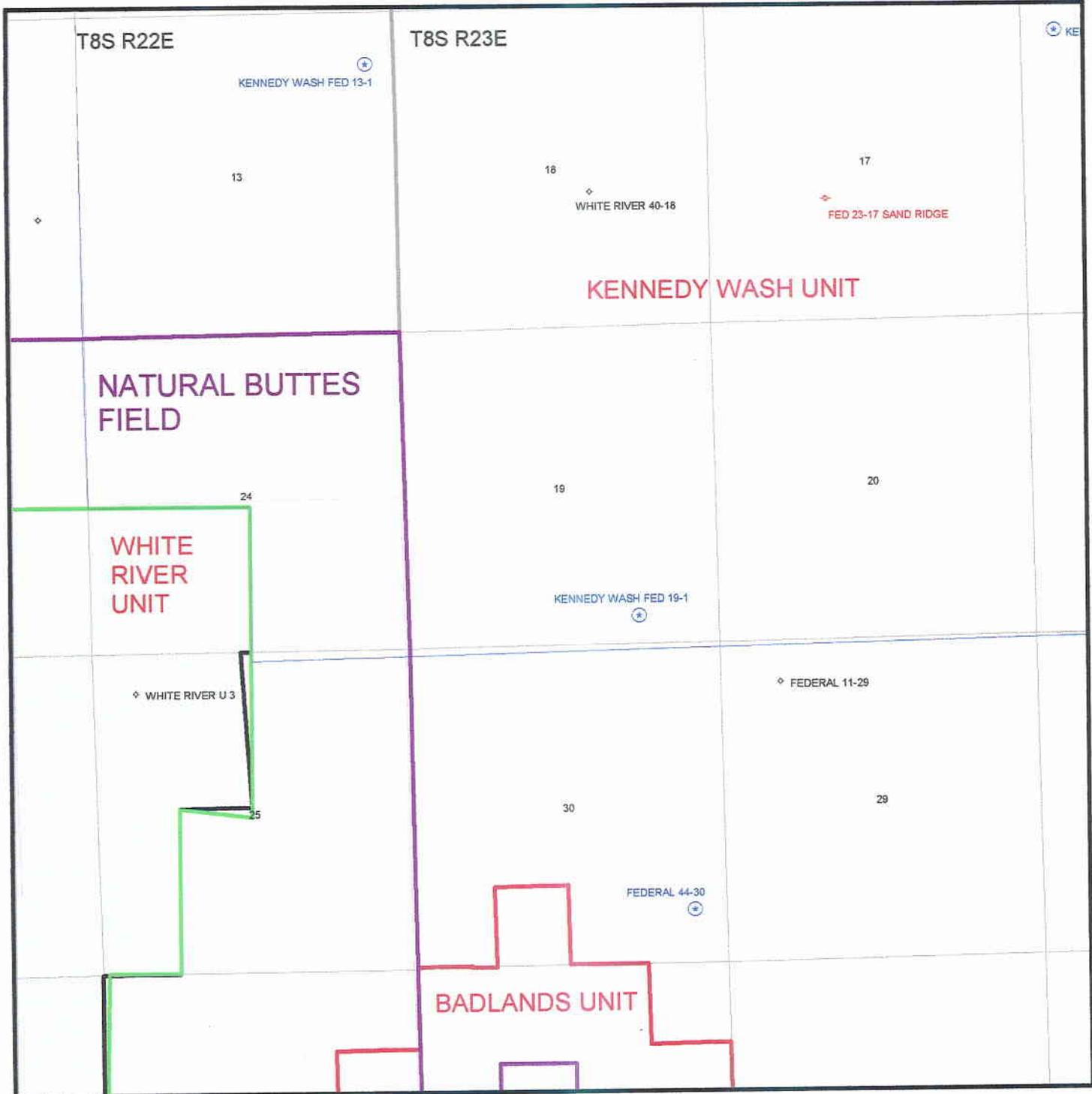
- R649-2-3. Unit Kennedy Wash
- R649-3-2. General
- Siting: _____
- ~~R649-3-3.~~ Exception
- Drilling Unit
- Board Cause No: _____
- Eff Date: _____
- Siting: _____
- R649-3-11. Directional Drill

COMMENTS: Need add'l info. Ex. Loc. (Rec'd 12-26-2000)
* BLM aprv. 12-12-2000.

STIPULATIONS: ① FEDERAL APPROVAL



OPERATOR: COASTAL O&G CORP (N0230)
 FIELD: UNDESIGNATED (002)
 SEC. 19, T8S, R23E,
 COUNTY: UINTAH UNIT: KENNEDY WASH
 SPACING: R649-3-3/EX LOC



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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

IN REPLY REFER TO:
3160
(UT-922)

November 17, 2000

Memorandum

To: Assistant District Manager Minerals, Vernal District
From: Michael Coulthard, Petroleum Engineer
Subject: 2000 Plan of Development Kennedy Wash Unit,
Uintah County, Utah.

Pursuant to email between Lisha Cordova, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management. The following wells are planned for calendar year 2000 within the Kennedy Wash Unit, Uintah County, Utah.

Api Number	Well	Location
43-047-33748	Kennedy Wash 23-1	Sec. 23, T8S, R23E 1980 FNL 0660 FEL
43-047-33749	Kennedy Wash 19-1	Sec. 19, T8S, R23E 0472 FSL 1286 FEL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File - Natural Buttes Unit
Division of Oil Gas and Mining
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:11-17-0

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CCT 31 2000

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. U-74425
1b. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator Coastal Oil & Gas Corporation		7. Unit or CA Agreement Name and No. Kennedy Wash
3a. Address P.O. Box 1148, Vernal, UT 84078		8. Lease Name and Well No. Kennedy Wash Federal #19-1
3b. Phone No. (include area code) (435) 781-7023		9. API Well No.
4. Location of Well (Report location clearly and in accordance with any State requirements)* At surface SE/SE 472' FSL & 1286' FEL At proposed prod. zone		10. Field and Pool, or Exploratory Kennedy Wash
14. Distance in miles and direction from nearest town or post office* 23.1 Miles southeast of Vernal, UT		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 19, T8S, R23E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drg. unit line, if any) 472'	16. No. of Acres in lease 160	12. County or Parish Utah
17. Spacing Unit dedicated to this well	18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Refer to Topo C	13. State UT
19. Proposed Depth 11,800	20. BLM/BIA Bond No. on file U-605382-9	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 4918.7' Ungraded GL	22. Approximate date work will start* Upon Approval	23. Estimated duration To Be Determined

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 10/27/00
-------------------	--	------------------

Title Senior Regulatory Analyst		
Approved by (Signature) 	Name (Printed/Typed)	Date 12/12/00
Title Assistant Field Manager Mineral Resources	Office	

Application approval 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.
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.

*(Instructions on Reverse)

CONDITIONS OF APPROVAL ATTACHED

DEC 18 2000

DIVISION OF
OIL, GAS AND MINING

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Coastal Oil & Gas Corporation

Well Name & Number: Kennedy Wash Federal #19-1

API Number: 43-047-33749

Lease Number: UTU - 74425

Location: SESE Sec. 19 T. 08S R. 23E

Agreement: Kennedy Wash Unit

NOTIFICATION REQUIREMENTS

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

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CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

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 Tim Ingwell 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. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a **3M** system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the intermediate casing at least 200 ft. above the top of the Green River Formation, identified at 2,607 ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

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OIL, GAS AND MINING

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.

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

6. Notifications of Operations

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

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 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).

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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. Tests for meter accuracy will be conducted on initial meter installations and 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).

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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, please contact one of the following individuals:

Ed Forsman (435) 789-7077 (HOME) (435) 646-1685 (PAGER)
Petroleum Engineer

Jerry Kenczka (435) 781-1190 (HOME) (435) 646-1676 (PAGER)
Petroleum Engineer

BLM FAX Machine (435) 781-4410

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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.

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OIL, GAS AND MINING

CONDITIONS OF APPROVAL
FOR THE SURFACE USE PROGRAM OF THE
APPLICATION FOR PERMIT TO DRILL

- A certified paleontologist shall be onsite during the well pad construction to monitor the site for possible fossil discoveries.
- One erosion dam shall be constructed south of the well location. The dirt contractor should contact Byron Tolman at the Vernal BLM Field Office for details (435-781-4482).
- The reserve pit topsoil should be piled separately from the location topsoil.
- The location topsoil pile will be windrowed as shown on the cut sheet. This topsoil should then be seeded immediately after the soil is piled by broadcasting the seed, then walking the topsoil pile with the dozer to plant the seed. The following seed mixture will be used instead of the mix identified in the APD:

Shadscale	Atriplex confertifolia	4 lbs/acre
Gardner saltbush	Atriplex gardneri	4 lbs/acre
Galleta grass	Hilaria jamesii	4 lbs/acre

- Once the reserve pit is dry, it should be filled, recontoured, topsoil spread, and seeded in the same manner discussed above.
- All permanent (on-site six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a Carlsbad Canyon rather than the uniper Green identified in the APD.
- No topsoil will be used for the construction of tank dikes.**
- The operator is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator is to immediately stop work that might further disturb such materials, and contact the authorized officer (AO). Within five working days the AO will inform the operator as to:

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- (1) whether the materials appear eligible for the National Register of Historic Places;
- (2) the mitigation measures the operator will likely have to undertake before the site can be used (assuming in situ preservation is not necessary); and
- (3) a time frame for the AO to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate.

If the operator wishes, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials may be mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that required mitigation has been completed, the operator will then be allowed to resume construction.

-Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on Federal Lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities.

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OIL, GAS AND MINING



Coastal
The Energy People

December 18, 2000

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DEC 26 2000

DIVISION OF
OIL, GAS AND MINING

State of Utah
Division of Oil, Gas & Mining
1594 W. North Temple, Suite 1210
Salt Lake City, UT 84114
Attention Ms. Lisha Cordova
VIA FACSIMILE (801) 359-3940

RE: Kennedy Wash Federal # 19-1
SE ¼ SE ¼ Section 19, T8S-R23E
Uintah County, Utah

Dear Ms. Cordova:

Coastal Oil & Gas Corporation ("Coastal"), has staked a location to drill the Kennedy Wash Federal # 19-1 well which is located approximately 472' FSL & 1286' FEL of Section 19-8S-23E, Uintah County, Utah. This location as staked, is an exception location to statewide rule # R649-3-2. The Kennedy Wash Federal # 19-1 well is to be drilled to 11,800' TD and is to target the Lower Green River, Wasatch, and Lower Mesaverde Formations.

This well will be located on BLM Lease # U-74425. Coastal Oil & Gas USA, L.P., owns 100% interest in this federal oil and gas lease. BLM approval of the APD for this well was received on 12/12/00 (cover page attached).

A copy of Uintah Engineering's survey plat for the Kennedy Wash Federal # 19-1 well is attached to this letter for your further reference. You will note that this location is 472' north of the section line of Section 19-8S-23E; therefore, additional consent under rule # R649-3-3 is **not** required inasmuch as BLM # U-74425 covers the entire SE/4 of Section 19-8S-23E and there is no other owner within 460'.

Coastal respectfully requests that a permit to drill the well at this exception location be granted administratively.

Thank you for your consideration of this request.

Very truly yours,

Phil Thomas
Senior Landman

Revised 12-18-00

cc: Cheryl Cameron

Joel Degenstein / well file

Randy Miller

Len Miles

Coastal Oil & Gas Corporation

A SUBSIDIARY OF THE COASTAL CORPORATION
COASTAL TOWER • NINE GREENWAY PLAZA • HOUSTON TX 77046-0995 • 713/877-1400

Form 3160-3
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

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

APPLICATION FOR PERMIT TO DRILL OR REENTER

OCT 31 2000

1a. Type of Work <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. U-74425	
1b. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name	
2. Name of Operator Coastal Oil & Gas Corporation		7. Unit or CA Agreement Name and No. Kennedy Wash	
3a. Address P.O. Box 1148, Vernal, UT 84078		8. Lease Name and Well No. Kennedy Wash Federal #19-1	
3b. Phone No. (include area code) (435) 781-7023		9. API Well No.	
4. Location of Well (Report location clearly and in accordance with any State requirements)* At surface SE/SE 472' FSL & 1286' FEL At proposed prod. zone		10. Field and Pool, or Exploratory Kennedy Wash	
14. Distance in miles and direction from nearest town or post office* 23.1 Miles southeast of Vernal, UT		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 19, T8S, R23E	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest div. unit line, if any) 472'		12. County or Parish Uintah	
16. No. of Acres in lease 160		13. State UT	
17. Spacing Unit dedicated to this well		18. BLM/BIA Bond No. on file U-605382-9	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Refer to Topo C		19. Proposed Depth 11,800	
20. Approximate date work will start* Upon Approval		21. Estimated duration To Be Determined	
21. Elevations (Show whether DP, KDI, RT, GL, etc.) 4918.7' Ungraded GL		22. Estimated duration To Be Determined	

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 10/27/00
Title Senior Regulatory Analyst		
Approved by (Signature) 	Name (Printed/Typed)	Date 12/12/00
Title Assistant Field Manager Mineral Resources	Office	

Application approval 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.
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.

* (Instructions on Reverse)

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CONDITIONS OF APPROVAL ATTACHED 2000

DIVISION OF
OIL, GAS AND MINING

T8S, R23E, S.L.B.&M.

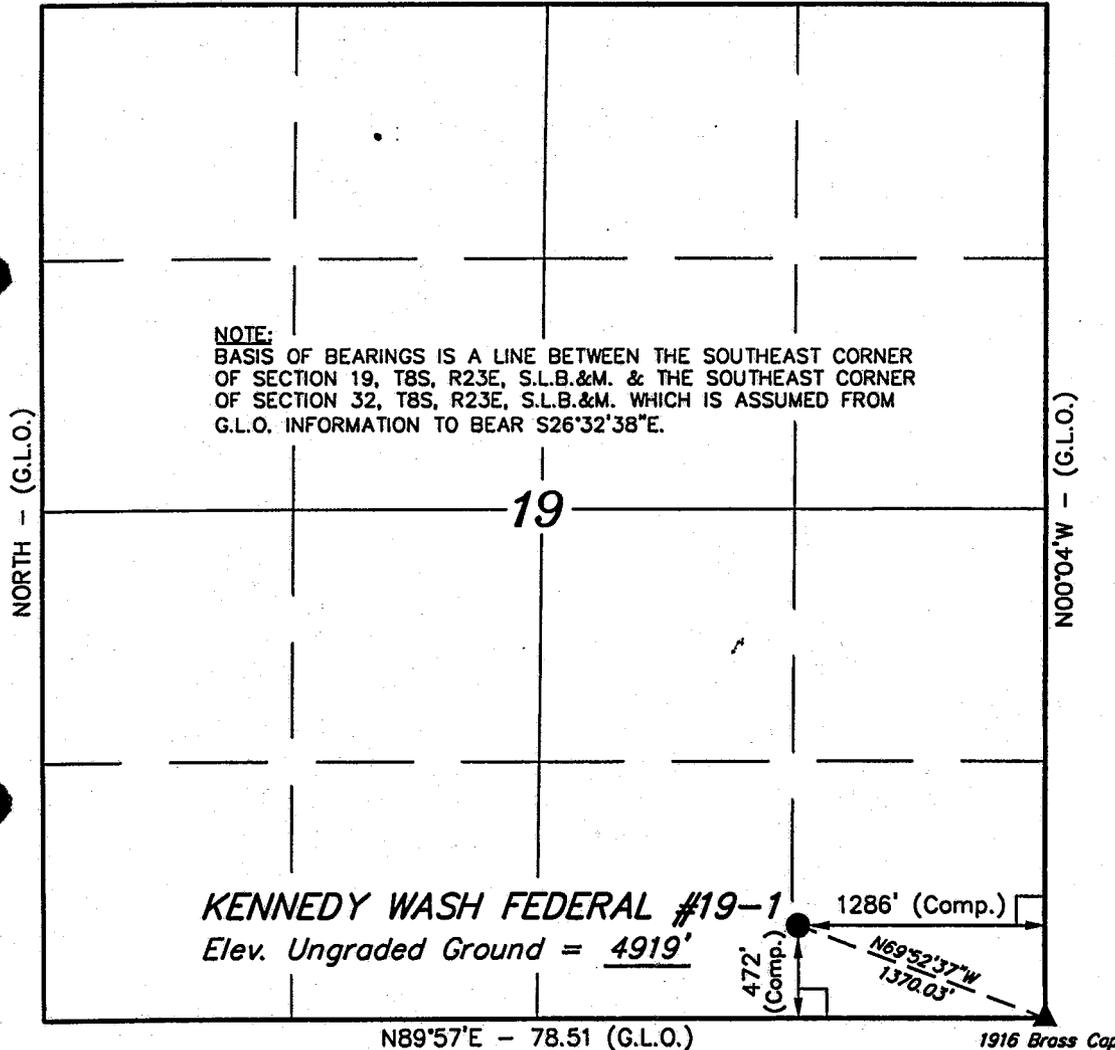
COASTAL OIL & GAS CORP.

Well location, KENNEDY WASH FEDERAL #19-1 located as shown in the SE 1/4 SE 1/4 of Section 19, T8S, R23E, S.L.B.&M., Uintah County, Utah.

S89°58'E - 78.40 (G.L.O.)

BASIS OF ELEVATION

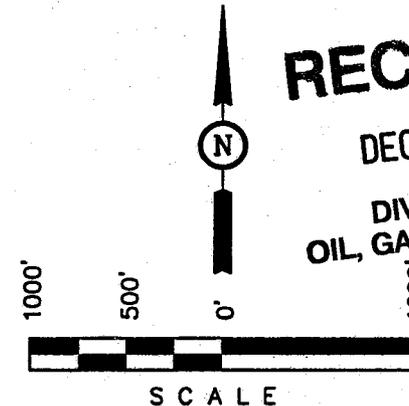
SPOT ELEVATION AT THE SOUTHEAST CORNER OF SECTION 32, T8S, R23E, S.L.B.&M. TAKEN FROM THE RED WASH SE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4962 FEET.



RECEIVED

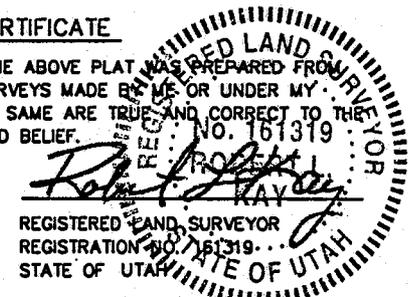
DEC 26 2000

DIVISION OF
OIL, GAS AND MINING



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.



UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

LEGEND:

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

LATITUDE = 40°06'08"
LONGITUDE = 109°21'52"

SCALE 1" = 1000'	DATE SURVEYED: 7-31-00	DATE DRAWN: 8-17-00
PARTY G.S. T.A. D.COX	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE COASTAL OIL & GAS CORP.	



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)

December 28, 2000

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

Re: Kennedy Wash Federal 19-1 Well, 472' FSL, 1286' FEL, SE SE, Sec. 19, T. 8 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.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby 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 43-047-33749.

Sincerely,


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 Kennedy Wash Federal 19-1

API Number: 43-047-33749

Lease: U-74425

Location: SE SE **Sec.** 19 **T.** 8 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 <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: El Paso Production Oil & Gas Company		6. IF INDIAN ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 8 South 1200 East CITY Vernal STATE Utah ZIP 84078		7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER: 435-789-4433		8. WELL NAME and NUMBER: Exhibit "A"
4. LOCATION OF WELL FOOTAGES AT SURFACE: _____ COUNTY: _____ QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____ STATE: UTAH		9. API NUMBER:
		10. FIELD AND POOL, OR WILDCAT:

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

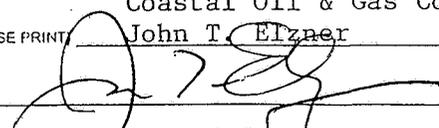
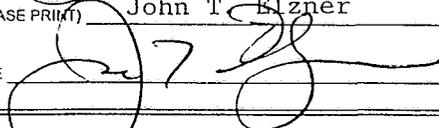
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> 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"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<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

Coastal Oil & Gas Corporation	
NAME (PLEASE PRINT) John T. Elzner	TITLE Vice President
SIGNATURE 	DATE 06-15-01
El Paso Production Oil & Gas Company	
NAME (PLEASE PRINT) John T. Elzner	TITLE Vice President
SIGNATURE 	DATE 06-15-01

(This space for State use only)

RECEIVED

JUN 19 2001

DIVISION OF
OIL, GAS AND MINING

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

(JUN 14 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

David L. Siddall
Vice President

Attest:

Margaret E. Roark

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

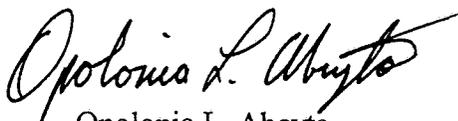
Acceptable evidence has been received in this office concerning the name change of Coastal Oil & Gas Corporation into El Paso Production Oil & Gas Company with El Paso Production Oil & Gas Company being the surviving entity.

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	

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

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 08/28/2001
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 08/28/2001
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

STATE BOND VERIFICATION:

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

FEDERAL BOND VERIFICATION:

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

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 filled in each well file on: _____

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".

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

5. Lease Serial No.
U-74425

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
Kennedy Wash

8. Well Name and No.
Kennedy Wash Federal #19-1

9. API Well No.
43-047-33749

10. Field and Pool, or Exploratory Area
Kennedy Wash

11. County or Parish, State
Uintah County, Utah

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
El Paso Production Oil & Gas Company **CONFIDENTIAL**

3a. Address
P.O. Box 1148 Vernal, UT 84078

3b. Phone No. (include area code)
(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SESE Section 19-T8S-R23E 472'FSL & 1286'FEL

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other One Year Extension
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

The operator requests that the APD for the subject well be extended for an additional year so that drilling operations may be completed.

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

Name (Printed/Typed) Sheila Upchego Title Regulatory Analyst

Signature *[Signature]* Date January 14, 2002

THIS SPACE FOR FEDERAL OR STATE USE

Approved by _____ Title _____ Date _____

Conditions of approval, if any, are attached. Approval of this notice 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. Office _____

Title 18 U.S.C. Section 1001, 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.

(Instructions on reverse)

**Approved by the
Utah Division of
Oil, Gas and Mining**

Date: 01-17-02

By: *[Signature]*

COPY SENT TO OPERATOR
Date: 1-17-02
Initials: CHD

RECEIVED

JAN 16 2002

DIVISION OF
OIL, GAS AND MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

5. Lease Serial No.
U-74425

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
Kennedy Wash

8. Well Name and No.
Kennedy Wash Federal #19-1

9. API Well No.
43-047-33749

10. Field and Pool, or Exploratory Area
Kennedy Wash

11. County or Parish, State
Uintah County, Utah

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
El Paso Production Oil & Gas Company **CONFIDENTIAL**

3a. Address
P.O. Box 1148 Vernal, UT 84078

3b. Phone No. (include area code)
(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SESE Section 19-T8S-R23E 472'FSL & 1286'FEL

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal
			<input type="checkbox"/> Water Shut-Off
			<input type="checkbox"/> Well Integrity
			<input checked="" type="checkbox"/> Other <u>One Year Extension</u>

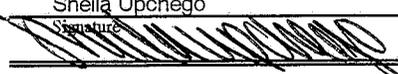
13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

The operator requests that the APD for the subject well be extended for an additional year so that drilling operations may be completed.

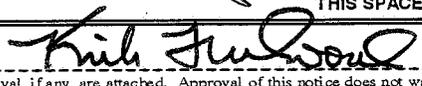
CONDITIONS OF APPROVAL ATTACHED

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

Name (Printed/Typed) Sheila Upchego Title Regulatory Analyst

Signature  Date January 14, 2002

THIS SPACE FOR FEDERAL OR STATE USE

Approved by  Date JAN 23 2002

Office Petroleum Engineer

Conditions of approval, if any, are attached. Approval of this notice 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.

Title 18 U.S.C. Section 1001, 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.

(Instructions on reverse)

RECEIVED
JAN 14 2002

RECEIVED
JAN 29 2002

DIVISION OF
OIL, GAS AND MINING

DOGMA - Lisa

El Paso Production
APD Extension

Well: Kennedy Wash 19-1

Location: SESE Sec. 19, T8S, R23E

Lease: UTU 74425

Conditions of Approval

An extension for the referenced APD is granted with the following condition(s):

1. The extension will expire 12/12/02
2. No other extensions beyond that time frame will be granted or allowed.

If you have any other questions concerning this matter, please contact Kirk Fleetwood at (435) 781-4486.

memorandum

Branch of Real Estate Services
Uintah & Ouray Agency

Date: 5 December, 2002

Reply to
Attn of: Supervisory Petroleum Engineer

Subject: Modification of Utah Division of Oil, Gas and Mining Regulations

To: Director, Utah Division of Oil, Gas and Mining Division: John Baza

We have been advised of changes occurring with the operation of your database for Change of Operator. You will be modifying your records to reflect Change of Operator once you have received all necessary documentation from the companies involved, and perhaps in advance of our Notice of Concurrence/Approval of Change of Operator where Indian leases are involved.

We have no objection.

With further comment to Rulemaking, I wish to comment concerning the provision of Exhibits for upcoming Hearings. I would like to see the Uintah & Ouray Agency, BIA, and the Ute Indian Tribe, Energy & Mineral Resources Department added to the list of those parties that receive advance Exhibits so as to allow us to have research time prior to Hearing dates. We will be able to provide a more informed recommendation to the Oil, Gas and Mining Board. It would be best if we would receive only those Exhibits that concern Indian lands, specifically on or adjacent to Indian lands. This may be a difficult situation to attain, as it is not always clear where 'on or adjacent' occurs.

I am aware that you have gone to extra effort to correct this matter already, and I fully appreciate it. My request is intended only to allow the addition of Uintah & Ouray Agency and Ute Indian Tribe to the official listing.

We appreciate your concern, and hope that these comments are timely enough for consideration in the revision process.



CC: Minerals & Mining Section of RES
Ute Energy & Mineral Resources Department: Executive Director
chrono

JAN. 17. 2003 3:34PM

PORT

NO. 173

P. 2

**WESTPORT OIL AND GAS COMPANY, L.P.**

410 Seventeenth Street #2300 Denver Colorado 80202-4436
Telephone: 303 573 5404 Fax: 303 573 5609

February 1, 2002

Department of the Interior
Bureau of Land Management
2850 Youngfield Street
Lakewood, CO 80215-7093
Attention: Ms. Martha Maxwell

RE: BLM Bond CO-1203
BLM Nationwide Bond 158626364
Surety - Continental Casualty Company
Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.
Conversion of Westport Oil and Gas Company, Inc., into Westport Oil and Gas Company, L.P.
Assumption Rider - Westport Oil and Gas Company, L.P.

Dear Ms. Maxwell:

Pursuant to our recent conversations, please find the following list of enclosures for the BLM's consideration and approval:

Two (2) Assumption Riders, fully executed originals.
Copies of Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.
Copies of Westport Oil and Gas Company, Inc., conversion into Westport Oil and Gas Company, L.P.
List of all Federal/BIA/State Leases - Belco/Westport's leases - in all states.

Please inform us of any additional information needed to complete the change to Westport Oil and Gas Company, L.P., as operator of record.

I thank you for your assistance and cooperation in this matter. Please do not hesitate contacting the undersigned, should a question arise.

Sincerely,
Westport Oil and Gas Company, L.P.

Debby J. Black
Debby J. Black
Engineer Technician

Encl:



United States Department of the Interior

BUREAU OF INDIAN AFFAIRS
Washington, D.C. 20240

FEB 1 0 2003

IN REPLY REFER TO:
Real Estate Services

Carroll A. Wilson
Principal Landman
Westport Oil and Gas Company, L.P.
1368 South 1200 East
Vernal, Utah 84078

Dear Mr. Wilson:

This is in response to your request for approval of RLI Insurance Company's Nationwide Oil and Gas Lease Bond No. RLB0005239 executed effective December 17, 2002, (\$150,000 coverage) with Westport Oil and Gas Company, L. P., as principal.

This bond is hereby approved as of the date of this correspondence and will be retained in the Bureau of Indian Affairs' Division of Real Estate Services, 1849 C Street, NW, MS-4512-MIB, Washington, D.C. 20240. All Bureau oil and gas regional offices and the surety are being informed of this action.

In cases where you have existing individual and/or collective bonds on file with one or more of our regional offices, you may now request those offices, directly, to terminate in lieu of coverage under this Nationwide Bond.

Enclosed is a copy of the approved bond for your files. If we may be of further assistance in this matter, please advise.

Sincerely,

Director, Office of Trust Responsibilities

ACTING

Enclosure



United States Department of the Interior **RECEIVED**

BUREAU OF LAND MANAGEMENT

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

FEB 22 2002

DIVISION OF
OIL, GAS AND MINING

In Reply Refer To:
3106
UTU-25566 et al
(UT-924)

FEB 21 2002

NOTICE

Westport Oil and Gas Company L.P. : Oil and Gas
410 Seventeenth Street, #2300 :
Denver Colorado 80215-7093 :

Name Change Recognized

Acceptable evidence has been received in this office concerning the name change of Westport Oil and Gas Company, Inc. into Westport Oil and Gas Company, L.P. with Westport Oil and Gas Company, L.P. being the surviving entity.

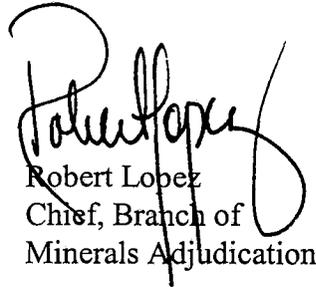
For our purposes, the name change is recognized effective December 31, 2001.

The oil and gas lease files identified 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 Westport Oil and Gas Company, Inc. to Westport Oil and Gas Company, L.P.. 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 Colorado.

UTU-03405
UTU-20895
UTU-25566
UTU-43156
UTU-49518
UTU-49519
UTU-49522
UTU-49523


Robert Lopez
Chief, Branch of
Minerals Adjudication

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)

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

FORM 9

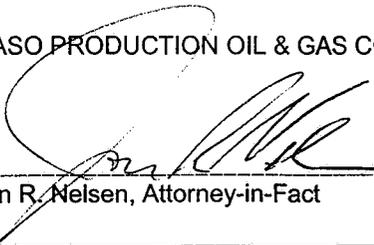
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: El Paso Production Oil & Gas Company		8. WELL NAME and NUMBER: Exhibit "A"
3. ADDRESS OF OPERATOR: 9 Greenway Plaza CITY Houston STATE TX ZIP 77064-0995		9. API NUMBER:
PHONE NUMBER: (832) 676-5933		10. FIELD AND POOL, OR WILDCAT:
4. LOCATION OF WELL FOOTAGES AT SURFACE: COUNTY:		
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: UTAH		

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 checked="" 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 type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

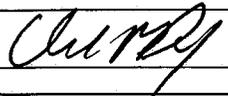
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Operator change to Westport Oil and Gas Company, L.P., 1670 Broadway, Suite 2800, Denver, CO. 80202-4800, effective December 17, 2002.

BOND # _____
State Surety Bond No. RLB0005236
Fee Bond No. RLB0005238

EL PASO PRODUCTION OIL & GAS COMPANY
By: 
Jon R. Nelsen, Attorney-in-Fact

RECEIVED
FEB 28 2003
DIV. OF OIL, GAS & MINING

WESTPORT OIL AND GAS COMPANY, L.P.	
NAME (PLEASE PRINT) David R. Dix	TITLE Agent and Attorney-in-Fact
SIGNATURE 	DATE 12/17/02

(This space for State use only)



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Vernal Field Office

170 South 500 East

Vernal, Utah 84078-2799

<http://www.blm.gov/utah/vernal>

Phone: (435) 781-4400

Fax: (435) 781-4410

IN REPLY REFER TO:

3160

UT08300

February 25, 2003

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

Re: Notification of Expiration
Well No. Kennedy Wash Fed. 19-1
SESE, Sec. 19, T8S, R23E
Uintah County, Utah
Lease No. UTU-74425

Dear Cheryl:

The Application for Permit to Drill the above-referenced well was approved on December 12, 2000. A one (1) year extension of the original APD was requested. The request was reviewed and the extension approved until December 12, 2002. According to our records, no known activity has transpired at the approved location. In view of the foregoing, this office is notifying you that the approval of the referenced application has expired. If you intend to drill at this location at a future date, a new Application for Permit to Drill must be submitted.

This office requires a letter confirming that no surface disturbance has been made for this drill site. Any surface disturbance associated with the approved location of this well is to be rehabilitated. A schedule for this rehabilitation must be submitted to this office. Your cooperation in this matter is appreciated.

Sincerely,

Leslie Walker
Legal Instruments Examiner

cc: UDOGM – Diana Mason

RECEIVED

MAR 03 2003

DIV. OF OIL, GAS & MINING

Form 3160-5
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

5. Lease Serial No.
SEE ATTACHED EXHIBIT "A"
6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on reverse side

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

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No.
SEE ATTACHED EXHIBIT "A"

2. Name of Operator
WESTPORT OIL & GAS COMPANY, L.P.

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

3b. Phone No. (include area code)
(435) 781-7023

9. API Well No.
SEE ATTACHED EXHIBIT "A"

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

10. Field and Pool, or Exploratory Area

SEE ATTACHED EXHIBIT "A"

11. County or Parish, State

UINTAH COUNTY, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal
			<input type="checkbox"/> Water Shut-Off
			<input type="checkbox"/> Well Integrity
			<input checked="" type="checkbox"/> Other

SUCCESSOR OF OPERATOR

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed if testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator determined that the site is ready for final inspection.

WESTPORT OIL & GAS COMPANY, L.P., IS CONSIDERED TO BE THE OPERATOR ON THE ATTACHED DESCRIBED LANDS AND IS RESPONSIBLE UNDER THE TERMS AND CONDITIONS OF THE LEASE FOR THE OPERATIONS CONDUCTED ON THE LEASED LANDS OR PORTIONS THEREOF, BOND COVERAGE FOR THIS WELL IS PROVIDED BY FEDERAL NATIONWIDE BOND NO. 158626364, EFFECTIVE FEBRUARY 1, 2002, AND BIA NATIONWIDE BOND NO. RLB0005239, EFFECTIVE FEBRUARY 10, 2003.

RECEIVED

MAR 04 2003

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

Name (Printed/Typed)
CHERYL CAMERON

Title
OPERATIONS

Signature
Cheryl Cameron

Date
March 4, 2003

DIV. OF OIL, GAS & MINING

THIS SPACE FOR FEDERAL OR STATE USE

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice 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.	Office	

Title 18 U.S.C. Section 1001, 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.

(Instructions on reverse)

OPERATOR CHANGE WORKSHEET

1. GLH
2. CDW ✓
3. FILE

X Change of Operator (Well Sold)

Designation of Agent/Operator

Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective: **12-17-02**

FROM: (Old Operator):	TO: (New Operator):
EL PASO PRODUCTION OIL & GAS COMPANY	WESTPORT OIL & GAS COMPANY LP
Address: 9 GREENWAY PLAZA	Address: P O BOX 1148
HOUSTON, TX 77064-0995	VERNAL, UT 84078
Phone: 1-(832)-676-5933	Phone: 1-(435)-781-7023
Account No. N1845	Account No. N2115

CA No.

Unit:

WELL(S)

NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
KENNEDY WASH ST 16-1	16-08S-23E	43-047-33589	12871	STATE	GW	P
PTS FED 23-17 SAND RIDGE	17-08S-23E	43-047-30623	6126	FEDERAL	GW	S
KENNEDY WASH FED 19-1	19-08S-23E	43-047-33749	99999	FEDERAL	GW	APD
KENNEDY WASH FED 21-1	21-08S-23E	43-047-33870	99999	FEDERAL	GW	APD
KENNEDY WASH FED 23-1	23-08S-23E	43-047-33748	99999	FEDERAL	GW	APD
UTD KIDD 20-16	20-09S-18E	43-047-32568	11727	FEDERAL	OW	P
KURIP 1 27 (CR-168)	01-09S-20E	43-047-30962	165	INDIAN	GW	P
KURIP 1-167	01-09S-20E	43-047-33974	99999	INDIAN	GW	APD
KURIP 1-227	01-09S-20E	43-047-34738	99999	INDIAN	GW	APD
ARCHEE 1-117 (CR-168)	01-09S-20E	43-047-33388	13031	INDIAN	GW	P
ARCHEE 1-118	01-09S-20E	43-047-33400	99999	INDIAN	GW	APD
KURIP 1-116 (CR-168)	01-09S-20E	43-047-33407	12908	FEDERAL	GW	P
ARCHEE 1-201	01-09S-20E	43-047-34822	99999	INDIAN	GW	APD
ARCHEE 1-202 (CR-168)	01-09S-20E	43-047-34523	13466	INDIAN	GW	P
ARCHEE 1-228	01-09S-20E	43-047-34737	99999	INDIAN	GW	APD
BAYLESS STATE 2-1	02-09S-20E	43-047-34540	13473	STATE	GW	DRL
TRIBAL 2-119	02-09S-20E	43-047-33389	99999	INDIAN	GW	APD
TRIBAL 2-168	02-09S-20E	43-047-34120	99999	INDIAN	GW	APD
UTE TRIBAL 2-169	02-09S-20E	43-047-33977	99999	INDIAN	GW	APD
POST 3 24	03-09S-20E	43-047-30804	150	INDIAN	GW	P

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 02/28/2003
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 03/04/2003
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 03/06/2003
4. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
5. If **NO**, the operator was contacted on: _____

6. (R649-9-2)Waste Management Plan has been received on: IN PLACE

7. **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: BLM-12/31/2003 BIA-12/5/02

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: 02/27/2003

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: 01/09/2003

10. **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

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 03/26/2003

2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 03/26/2003

3. Bond information entered in RBDMS on: N/A

4. Fee wells attached to bond in RBDMS on: N/A

STATE WELL(S) BOND VERIFICATION:

1. State well(s) covered by Bond Number: RLB 0005236

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: 158626364

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: RLB 0005239

FEE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB 0005238

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

LEASE INTEREST OWNER NOTIFICATION:

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: N/A

COMMENTS:



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

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
(801) 538-5340 telephone
(801) 359-3940 fax
(801) 538-7223 TTY
www.nr.utah.gov

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

March 5, 2003

Cheryl Cameron
Wesport Oil & Gas Company
P. O. Box 1148
Vernal, Utah 84078

Re: APD Rescinded – Kennedy Wash Fed 19-1 Sec. 19, T.8S, R. 23E
Uintah County, Utah API No. 43-047-33749

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 December 28, 2000. On January 17, 2002, the Division granted a one-year APD extension. On March 5, 2003, 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 March 5, 2003.

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
Gil Hunt, Technical Services Manager
Bureau of Land Management, Vernal