



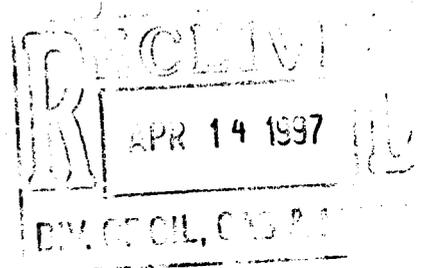
**Coastal**  
The Energy People

April 11, 1997

Applications for Permit to Drill  
Natural Buttes Field  
Uintah County, Utah

**VIA FEDERAL EXPRESS**

Mr. Brad Hill  
State of Utah  
Division of Oil, Gas & Mining  
1594 West North Temple, Suite 1210  
Salt Lake City, UT 84114-5801



Dear Mr. Hill:

Enclosed are the Applications for Permit to Drill (APD), the Drilling Programs, and the Surface Use and Operations Plans for the following wells:

CIGE #203-34-9-21	NBU #296
CIGE #210-16-10-21	NBU #302
CIGE #220-31-9-22	NBU #303
CIGE #224-2-10-21	NBU #304
CIGE #230-13-10-20	NBU #305
NBU #271	NBU #310
NBU # 272	

*Please note that the Surface Use and Operations Plans are subject to change pending completion of the on-sites.* On-site inspections for these wells have been scheduled with Dave Hackford, State of Utah--Roosevelt Office, for Wednesday and Thursday, April 16 and 17, 1997.

If you have any questions concerning the enclosed documents, please contact me at (303) 573-4455.

Sincerely,

Sheila Bremer  
Environmental & Safety Analyst

Enclosures

cc: Bureau of Land Management - Vernal District

**Coastal Oil & Gas Corporation**

A SUBSIDIARY OF THE COASTAL CORPORATION  
600 17TH ST • STE 800 S • P O BOX 749 • DENVER CO 80201-0749 • 303/572-1121

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number:

ST ML-2252

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

6. If Indian, Allottee or Tribe Name:

N/A

1A. Type of Work

DRILL

DEEPEEN

7. Unit Agreement Name:

Natural Buttes Unit

B. Type of Well

OIL

GAS

OTHER:

SINGLE ZONE

MULTIPLE ZONE

8. Farm or Lease Name:

CIGE

2. Name of Operator:

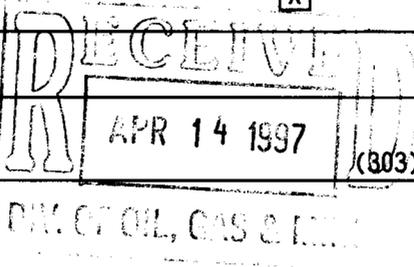
Coastal Oil & Gas Corporation

9. Well Number:

224-2-10-21

3. Address and Telephone Number:

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



(303) 573-4455

10. Field and Pool, or Wildcat

Natural Buttes Field

4. Location of Well (Footages)

At surface: 2035' FNL & 2595' FEL

At proposed proding zone:

11. Qtr/Qtr, Section, Township, Range, Meridian:

SWNE Section 2-T10S-R21E

14. Distance in miles and direction from nearest town or post office:

See Topo Map A

12. County

Uintah

13. State:

Utah

15. Distance to nearest property or lease line (feet):

2035

16. Number of acres in lease:

489.92

17. Number of acres assigned to this well:

N/A

18. Distance to nearest well, drilling, completed, or applied for, on this lease (feet):

See Topo Map C

19. Proposed Depth:

6700'

20. Rotary or cable tools:

Rotary

21. Elevations (show whether DR, RT, GR, etc.):

Ungraded GR - 5126'

22. Approximate date work will start:

Upon Approval

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See Attached				
Drilling Program				

DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

Coastal Oil & Gas Corporation proposes to drill a well to the proposed TD as stated above. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per State of Utah requirements.

See the attached Drilling Program and Multi-point Surface Use & Operations Plan.

Coastal Oil & Gas Corporation is considered to be the operator of the subject well. It agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided for by Coastal's Bond #102103.

24.

*Sheila Bremer*

Sheila Bremer

Name & Signature

Title:

Environmental & Safety Analyst

Date:

4/11/97

(This space for State use only)

API Number Assigned: 43-047-32883

Approval:

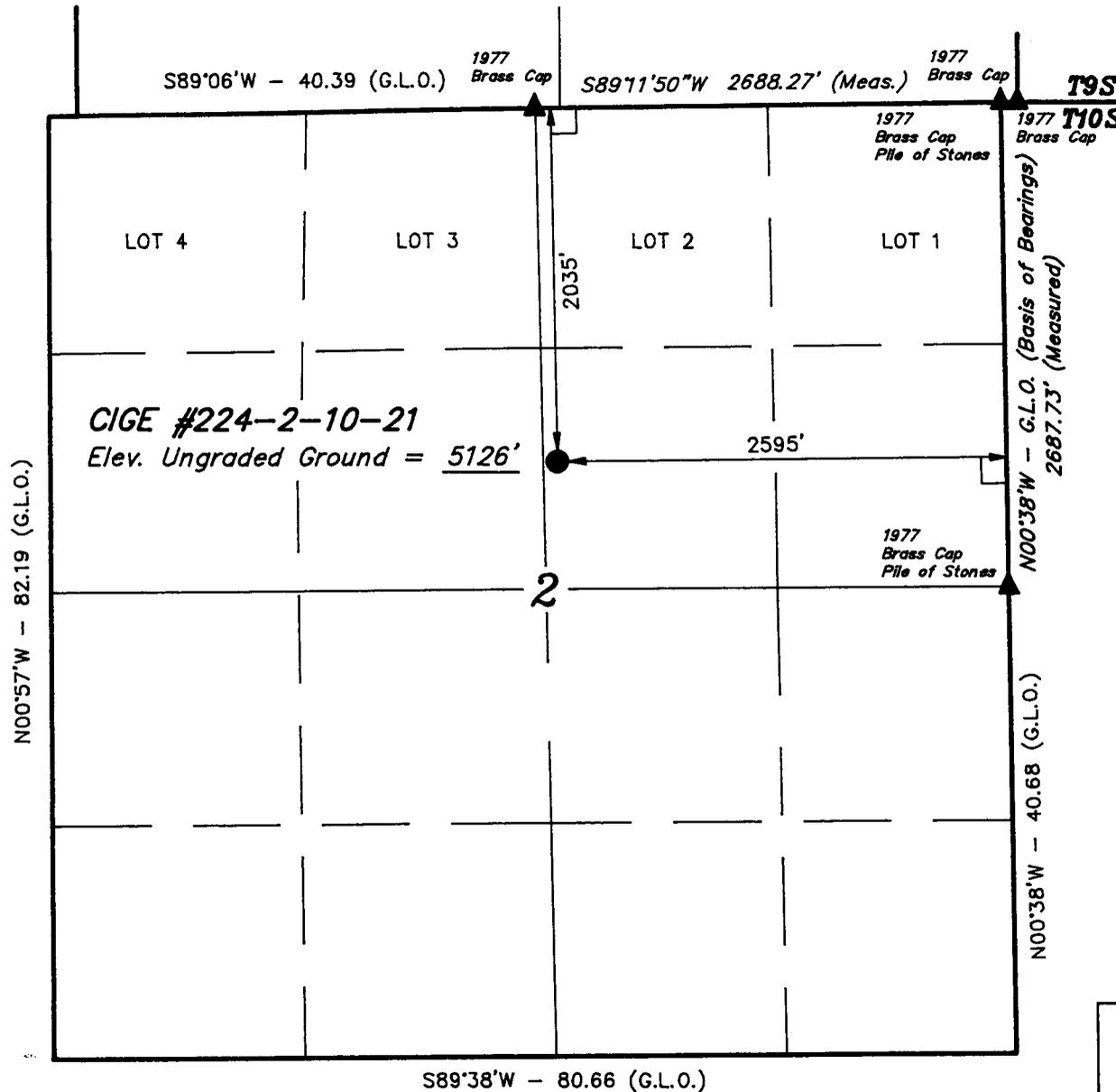
*John R. Boye*  
Petroleum Engineer

5/7/97

# T10S, R21E, S.L.B.&M.

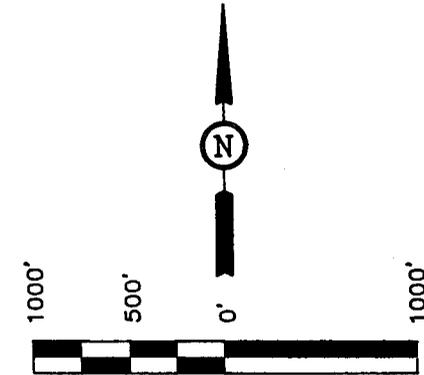
## COASTAL OIL & GAS CORP.

Well location, CIGE #224-2-10-21, located as shown in the SW 1/4 NE 1/4 of Section 2, T10S, R21E, S.L.B.&M., Uintah County, Utah.



### BASIS OF ELEVATION

TWO WATER TRIANGULATION STATION LOCATED IN THE NW 1/4 OF SECTION 1, T10S, R21E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN NE QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5238 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. Cox*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 161319  
 STATE OF UTAH

### UINTAH ENGINEERING & LAND SURVEYING

85 SOUTH 200 EAST - VERNAL, UTAH 84078

(801) 789-1017

### LEGEND:

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

SCALE 1" = 1000'	DATE SURVEYED: 3-4-97	DATE DRAWN: 3-19-97
PARTY D.K. H.L. D.COX	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE COASTAL OIL & GAS CORP.	

**CIGE #224-2-10-21  
2035' FNL & 2595' FEL  
SW/NE, SECTION 2-T10S-R21E  
UINTAH COUNTY, UTAH**

**COASTAL OIL & GAS CORPORATION**  
***DRILLING PROGRAM***

The proposed wellsite is on State of Utah surface/State of Utah minerals.

1. **Estimated Tops of Important Geologic Markers:**

<u>Formation</u>	<u>Depth</u>
Duchesne River/Uinta	Surface
Green River	1,440'
Wasatch	4,650'
Total Depth	6,700'

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

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
Oil/Gas	Green River	1,440'
Oil	Wasatch	4,650'
Gas	Wasatch	4,650'
Water	N/A	
Other Minerals	N/A	

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

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

- a. The BOP stack will consist of one 11" 3,000 psi annular BOP, one 11" 3,000 psi double ram, and one 11" drilling spool. The lower ram will contain pipe rams, and the upper ram will contain blind rams.
- b. The choke and kill lines and the choke manifold will have a 3,000 psi minimum pressure rating.
- c. Testing: The hydril 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 2,000 psi.

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

- a. The proposed Casing Program will be as follows:

<u>Purpose</u>	<u>Depth</u>	<u>Hole Size</u>	<u>Csg. Size</u>	<u>Wt/ft</u>	<u>Grade</u>	<u>Type</u>
Surface	0-250'	11"/12 1/4"	8 5/8"	24#	K-55	ST&C
Production	0-TD	7 7/8"	4 1/2"	11.6#	K-55	LT&C

The surface casing will be tested to 1,500 psi prior to drilling out.

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

- b. The Cement Program will be as follows:

<u>Surface</u>	<u>Fill</u>	<u>Type &amp; Amount</u>
0-250'	250'	Approximately 165 sx Class "G" + 2% CaCl <sub>2</sub> , 15.6 ppg, 1.19 CF/sx.
<u>Production</u>	<u>Type &amp; Amount</u>	
500' above productive interval to surface	Lead: Extended, Lite, or Hi-Fill cement + additives, 11 or 12 ppg, 2.69 CF/sx.	
TD to 500' above productive interval	Tail: Extended Class "G" or 50:50 Poz + additives, 14 ppg; or RFC, 14.0-14.5 ppg, 1.57 CF/sx	

For production casing, actual cement volumes will be determined from the caliper log, plus 15% excess.

For surface casing, waiting on cement time will be adequate to achieve 500 psi compressive strength at the shoe prior to drilling out.

5. **Drilling Fluids Program:**

<u>Interval</u>	<u>Type</u>	<u>Mud Wt.</u>
0-TD'	Air/Air Mist/Aerated Water/Water (As hole conditions warrant.) Displace hole to 10 ppg brine mud prior to logging.	8.4 ppg or less

No chromate additives will be used in the mud system without prior approval to ensure adequate protection of fresh water aquifers.

**6. Evaluation Program:****a. Logging Program:**

DLL/SP/GR: Base of surface casing to TD  
GR/Neutron Density: 2500' to TD

Drill Stem Tests: None anticipated.

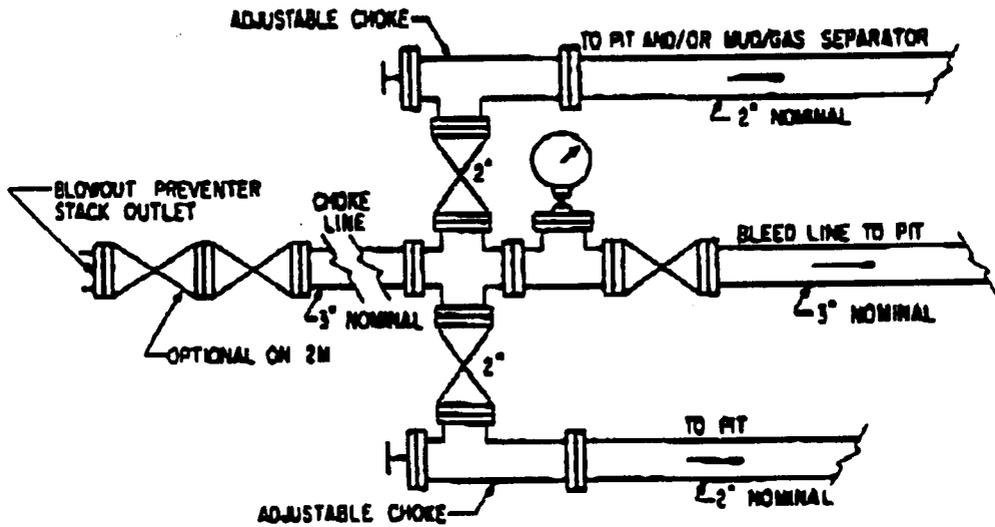
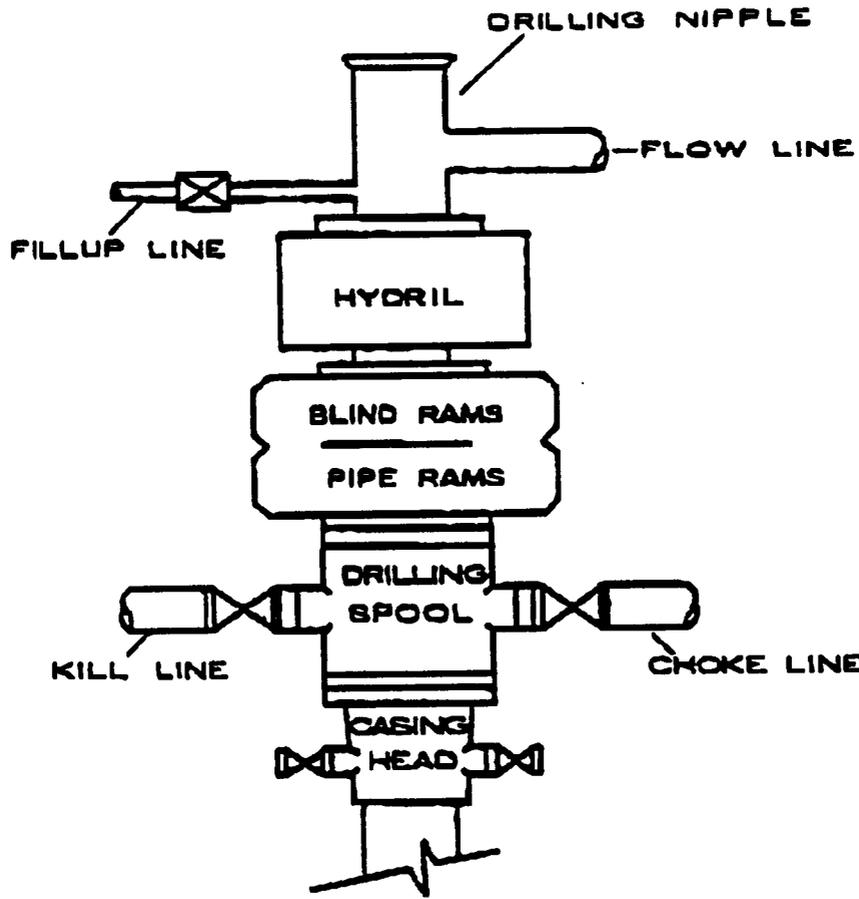
The Evaluation Program may change at the discretion of the well site geologist.

- b. No drill stem tests, stimulation, or frac treatment has been formulated for this well at this time; however, the drill site, as approved, will be of sufficient size to accommodate all completion activities.

**7. Abnormal Conditions:**

No abnormal temperatures or pressures are anticipated. No hydrogen sulfide has been encountered or is known to exist from previous drilling in the area at this depth. Maximum anticipated bottomhole pressure approximately equals 2,680 psi (calculated at 0.4 psi/foot) and maximum anticipated surface pressure equals approximately 1,206 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

3,000 psi  
BOP STACK



**CIGE #224-2-10-21  
2035' FNL & 2595' FEL  
SW/NE, SECTION 2-T10S-R21E  
UINTAH COUNTY, UTAH**

**COASTAL OIL & GAS CORPORATION**

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

*This Surface Use and Operations Plan is subject to change pending completion of the on-site inspection.*

1. **Existing Roads:**

The proposed well site is approximately 20 miles west of Ouray, Utah. Refer to Topo Maps A and B for location of access roads.

*Improvements to existing access roads shall be determined at the on-site inspection.*

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:**

Approximately 0.3 miles of new access will be required. The new access road will be crowned, ditched, and constructed with a running surface of 18 feet and a maximum disturbed width of 30 feet, *unless modified at the on-site inspection*. Appropriate water control will be installed to control erosion.

*Existence of pipelines; maximum grade; turnouts; major cut and fills, culverts, or bridges; gates, cattle guards, fence cuts, or modifications to existing facilities shall be determined at the on-site.*

The access road was centerline flagged during time of staking.

Surfacing material may be necessary, depending upon weather conditions.

Surface disturbance and vehicular traffic will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.

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

Please refer to Topo Map C for the location of existing wells within a one mile radius of the proposed location.

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

The following guidelines will apply if the well is productive.

- a. A dike will be constructed completely around those production facilities which contain fluids (i.e., production tanks, produced water tanks). 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.

- b. 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 required color is Desert Brown, Munsell standard color number 10 YR 6/3.

- c. Any necessary pits will be properly fenced to protect livestock and prevent wildlife entry.
- d. The proposed pipeline will leave the well pad in a westerly direction for an approximate distance of 2200' to tie into an existing pipeline. Please see Topo Map D.

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

Water for drilling purposes will be obtained from Dalbo Inc.'s underground well located in Ouray, Utah, Section 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.

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:**

- a. Drill cuttings will be contained and buried in the reserve pit.
- b. 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 used at the next drill site or will be removed and disposed of at an approved waste disposal facility within 120 days after drilling is terminated.
- c. The reserve pit will be constructed on the location and will not be located within natural drainages, 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. *The need for a reserve pit liner will be determined at the on-site inspection.*

If a synthetic reinforced liner is used, it will be a minimum of 10 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.

- d. Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.
- e. A chemical porta-toilet will be furnished with the drilling rig.
- f. 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.
- g. 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.

- h. 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, testing, or completing 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, testing, or completing of this well.

8. **Ancillary Facilities:**

- a. The NBU #98V, SWSW Section 34-T9S-R21E, will be used as a staging area for equipment and supplies in the current drilling program. There will be no land disturbance associated with this facility. This will be a temporary facility used during the current drilling program. An 18" berm will surround the entire location. The following will be kept on location:

- 3 - Cement Silos - 1,033 CF each
- 2 - Sand Bins - 2,500 CF each
- 2 - KCL Tanks - 400 bbls each w/3% KCL
- 2 - Acid Tanks - 5,000 gals each w/15% HCL Acid

On March 21, 1997, Ron Firth approved the NBU #98V staging area sundry.

- b. The NBU #25, SWNE Section 3-T10S-R21E, will be used as a camp by drilling personnel during the current drilling program. Sewer facilities installed during Coastal's 1992 drilling program are still in existence and will be used for the same purpose. Skid mounted rig trailers (4-5) will be set up. A generator and 400 bbl water tank will also be installed. This will be a temporary facility used during the current drilling program. No foundations will be built. This camp has been approved by the Bureau of Land Management.

No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually with these facilities. 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 these facilities.

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). *This section is subject to modification as a result of the on-site inspection.*

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

- a. The reserve pit will be located on the east side of the location.
- b. The stockpiled topsoil (first six inches) will be stored on the west side of the location. All brush removed from the well pad during construction will be stockpiled with the topsoil.
- c. The flare pit will be located on the east side of the location, downwind from the prevailing wind direction.
- d. Access will be from the south.
- e. All pits will be fenced according to the following minimum standards:

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

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

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

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

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

- f. The reserve pit fencing will be on two sides during drilling operations, and on four sides when the rig moves off location. Pits will be fenced and maintained until cleanup.

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

- a. 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.

If a synthetic, nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

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 120 days from the date of well completion, weather permitting. This will be completed by backfilling and crowning the pit to prevent water from standing.

b. 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 may include the re-establishment of irrigation systems, the re-establishment of appropriate soil conditions, and the re-establishment of vegetation as specified.

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

11. **Surface Ownership:**

a. Access Roads - The proposed access road is located on lands owned by:

- State of Utah  
Trust Lands Administration

b. Well Pad - The well is located on land owned by:

- State of Utah  
Trust Lands Administration  
675 East 500 South, Suite 500  
Salt Lake City, Utah 84102-2818

12. **Other Information:**

- a. All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, the approved Plan of Operations, and any applicable Notice to 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.
- b. The Operator will control noxious weeds along right-of-ways for roads, pipelines, well sites, or other applicable facilities.

- c. A Class III archeological survey was conducted by Metcalf Archaeological Consultants, Inc. A copy of this report is being sent directly to Kenneth Wintch, Utah School Trust Lands, and James Dykman, Utah Preservation Office.

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

Sheila Bremer  
Environmental & Safety Analyst  
Coastal Oil & Gas Corporation  
P.O. Box 749  
Denver, CO 80201-0749  
(303) 573-4455

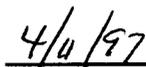
Tom Young  
Drilling Manager  
Coastal Oil & Gas Corporation  
9 Greenway Plaza, Coastal Tower  
Houston, TX 77046  
(713) 877-7044

Certification: 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 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.

I hereby certify that I, or persons under my supervision, have inspected the proposed drill site and access route, 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.

  
\_\_\_\_\_  
Sheila Bremer

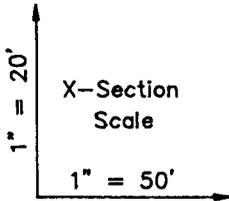
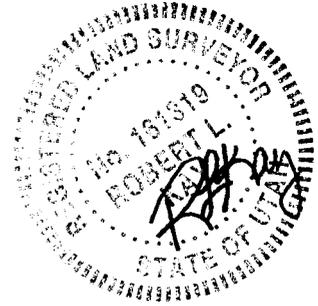
  
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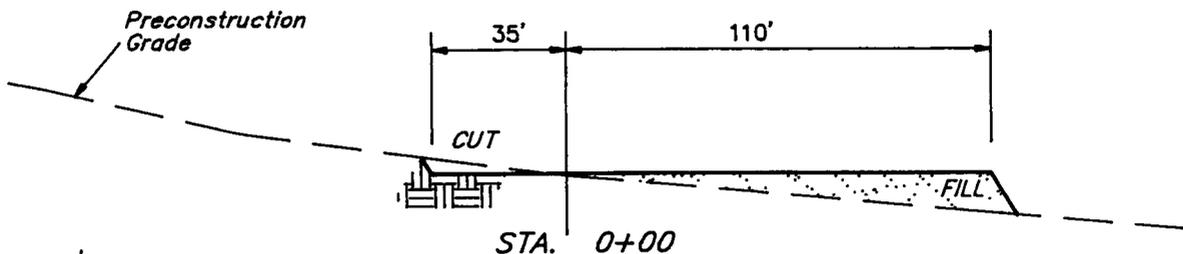
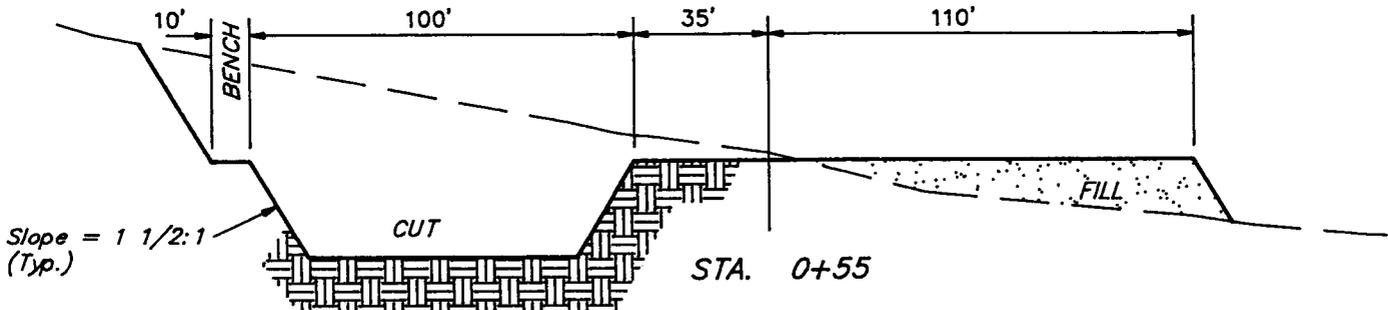
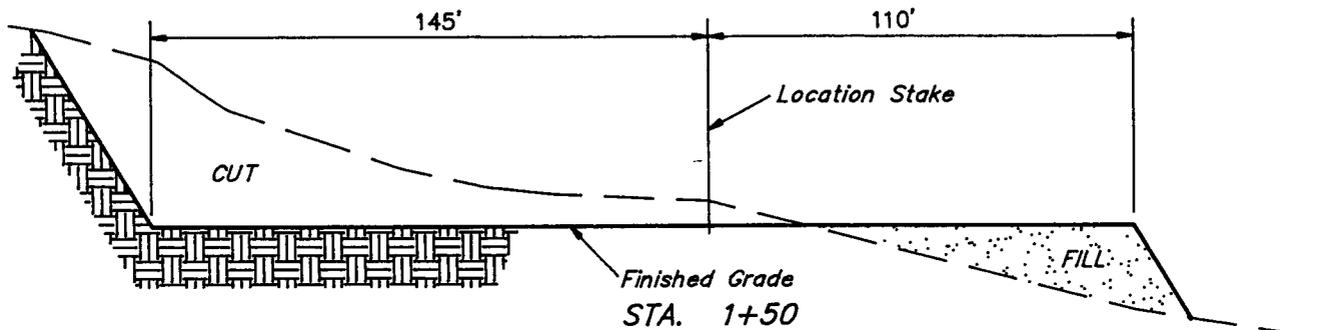
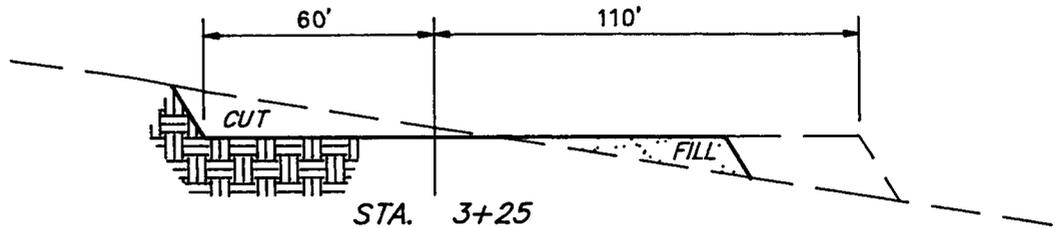
# COASTAL OIL & GAS CORP.

## TYPICAL CROSS SECTIONS FOR

CIGE #224-2-10-21  
SECTION 2, T10S, R21E, S.L.B.&M.  
2035' FNL 2595' FEL



DATE: 3-20-97  
Drawn By: D.COX

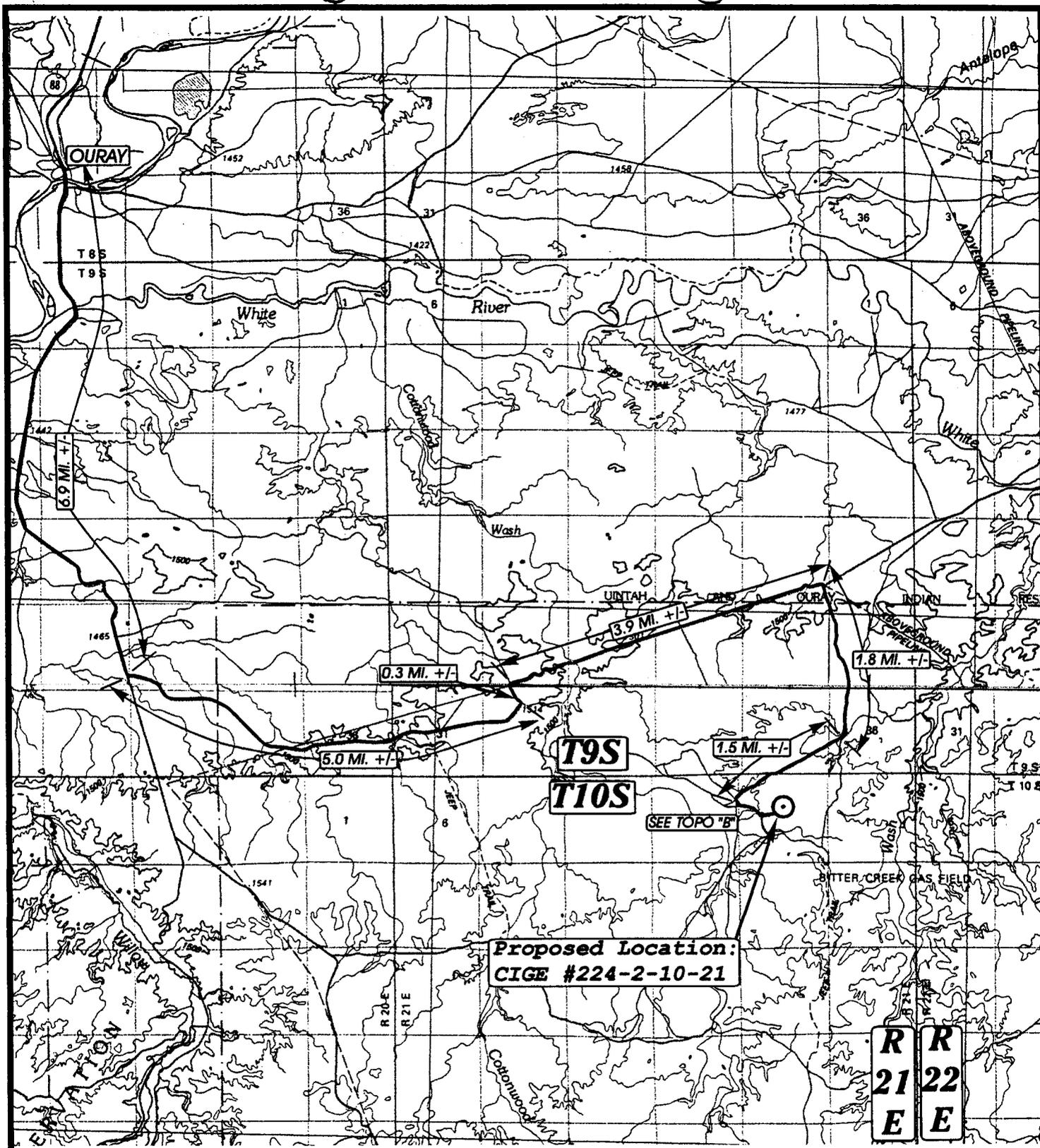


**FIGURE #2**

### APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 1,140 Cu. Yds.
Remaining Location	= 7,850 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 8,990 CU.YDS.</b>
<b>FILL</b>	<b>= 6,190 CU.YDS.</b>

EXCESS MATERIAL AFTER 5% COMPACTION	= 2,480 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 2,480 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 0 Cu. Yds.



**Proposed Location:  
CIGE #224-2-10-21**

**R R  
21 22  
E E**

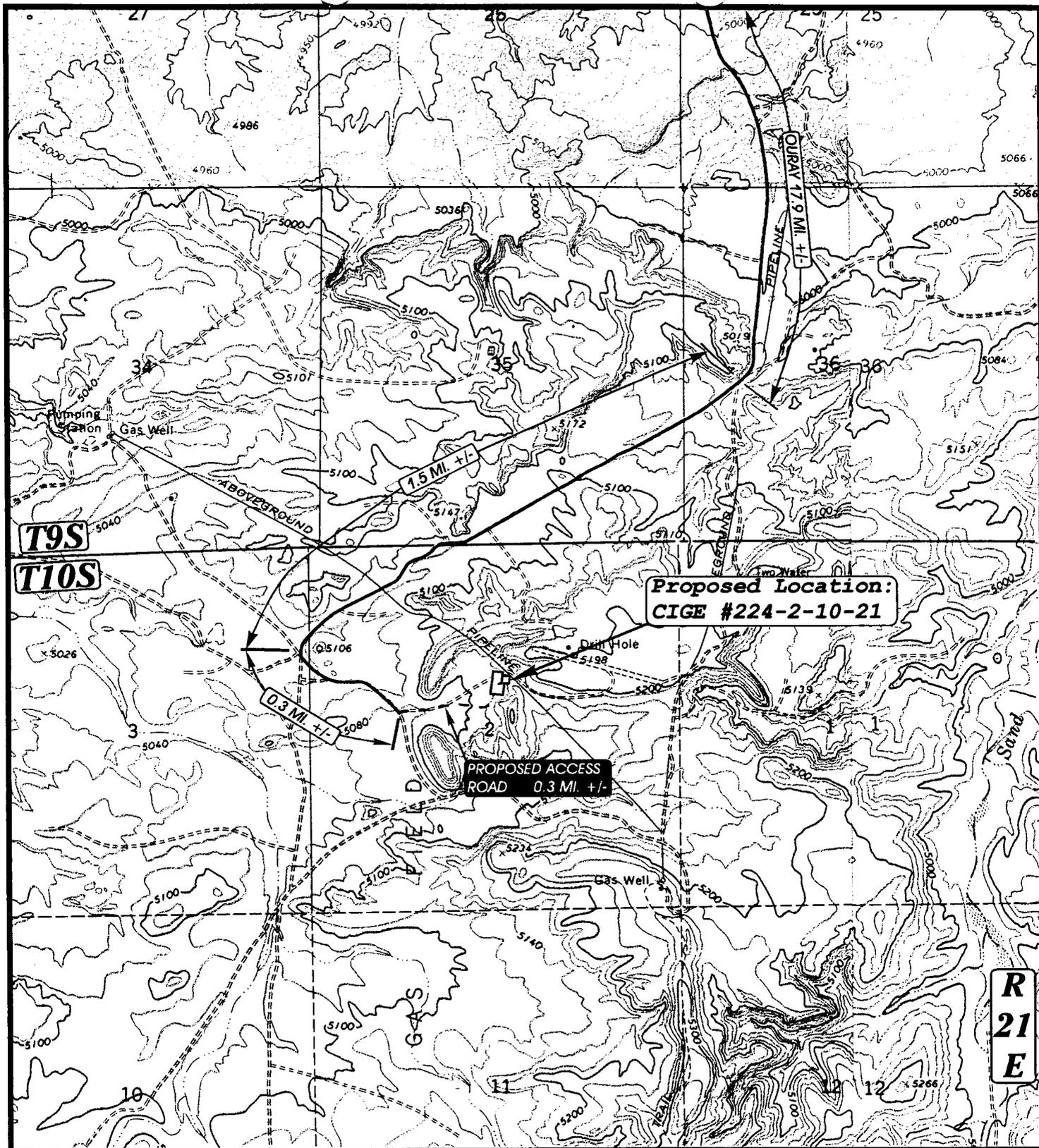


**TOPOGRAPHIC  
MAP "A"**

**DATE: 3-19-97  
Drawn by: D.COX**



**COASTAL OIL & GAS CORP.**  
**CIGE #224-2-10-21**  
**SECTION 2, T10S, R21E, S.L.B.&M.**  
**2035' FNL 2595' FEL**



**UELS**

**TOPOGRAPHIC  
MAP "B"**

**DATE: 3-19-97  
Drawn by: D.COX**

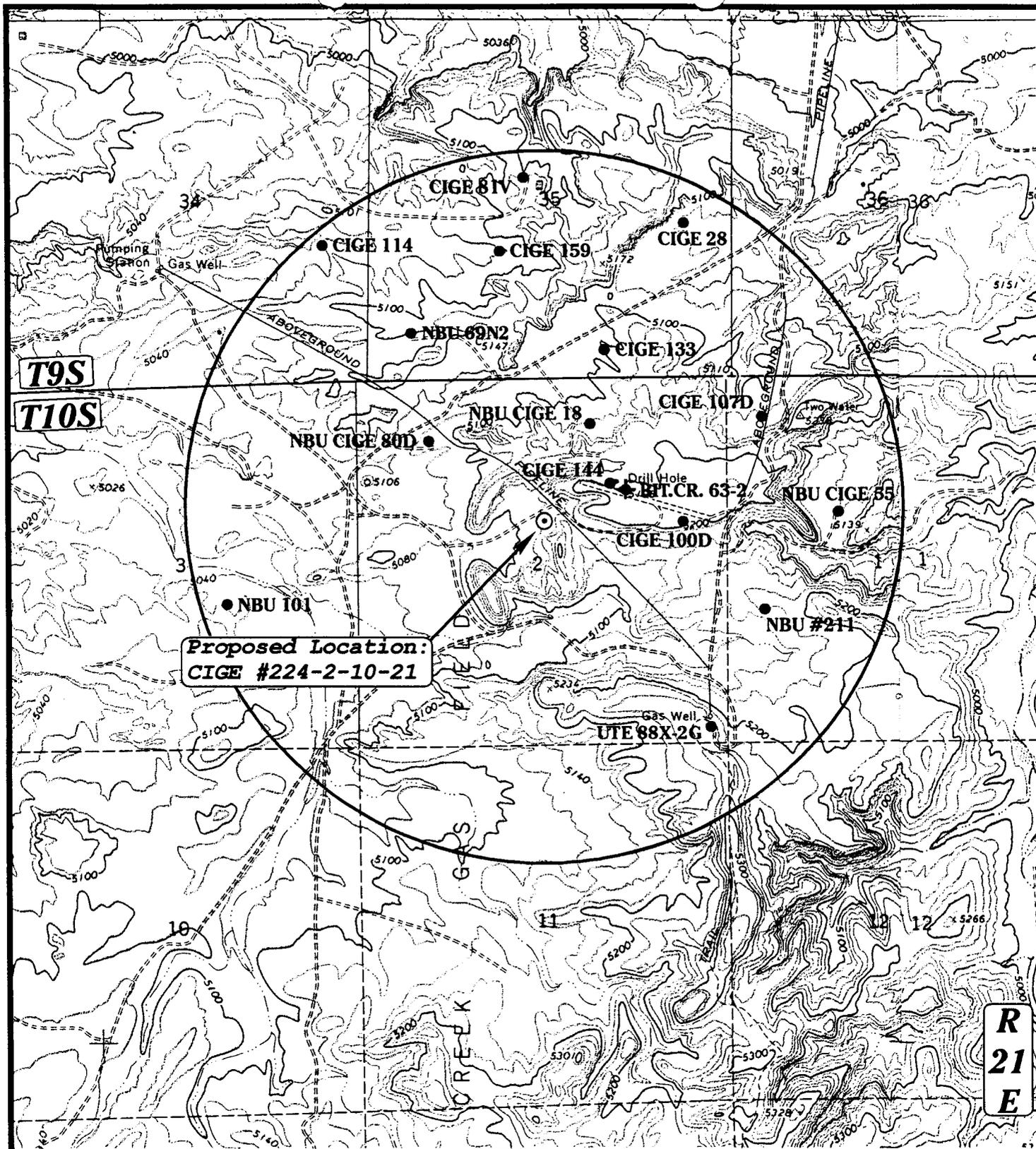
**UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017**



**SCALE: 1" = 2000'**

**COASTAL OIL & GAS CORP.**

**CIGE #224-2-10-21  
SECTION 2, T10S, R21E, S.L.B.&M.  
2035' FNL 2595' FEL**



**Proposed Location:**  
**CIGE #224-2-10-21**

**LEGEND:**

**UELS**

- Water Wells
- Abandoned Wells
- Temporarily Abandoned Wells
- Disposal Wells
- Drilling Wells
- Producing Wells
- Shut-in Wells



**COASTAL OIL & GAS CORP.**

**CIGE #224-2-10-21**

**SECTION 2, T10S, R21E, S.L.B.&M.**

**TOPOGRAPHIC MAP "C"**

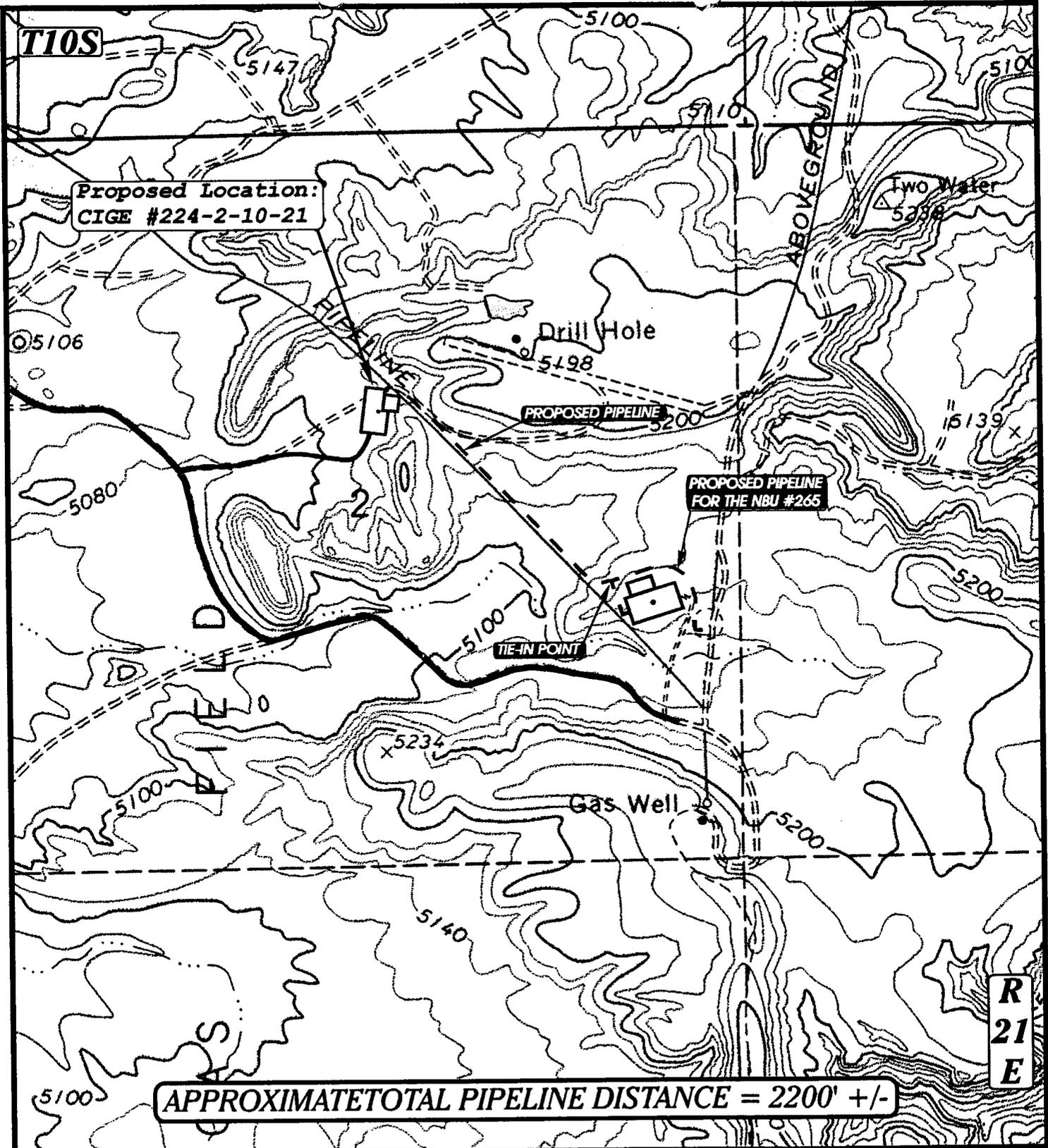
**DATE: 3-19-97**

**Drawn by: D.COX**

**UINTAH ENGINEERING & LAND SURVEYING**  
 85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017

**SCALE: 1" = 2000'**

**R  
21  
E**



**TOPOGRAPHIC  
MAP "D"**



- — — — Existing Pipeline
- - - - Proposed Pipeline



**COASTAL OIL & GAS CORP.**

**CIGE #224-2-10-21  
SECTION 2, T10S, R21E, S.L.B.&M.**

**DATE: 3-19-97  
Drawn by: D.COX**

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 04/14/97

API NO. ASSIGNED: 43-047-32883

WELL NAME: CIGE 224-2-10-21  
 OPERATOR: COASTAL OIL & GAS (N0230)

PROPOSED LOCATION:  
 SWNE 02 - T10S - R21E  
 SURFACE: 2035-FNL-2595-FEL  
 BOTTOM: 2035-FNL-2595-FEL  
 UINTAH COUNTY  
 NATURAL BUTTES FIELD (630)

INSPECT LOCATION BY: 04/30/97		
TECH REVIEW	Initials	Date
Engineering	SRB	5/7/97
Geology		
Surface		

LEASE TYPE: STA  
 LEASE NUMBER: ML - 2252

PROPOSED PRODUCING FORMATION: WSTC

RECEIVED AND/OR REVIEWED:

Plat  
 Bond: Federal  State  Fee   
 (Number 102103)  
 Potash (Y/N)  
 Oil shale (Y/N)  
 Water permit  
 (Number 43-8496)  
 RDCC Review (Y/N)  
 (Date: \_\_\_\_\_)

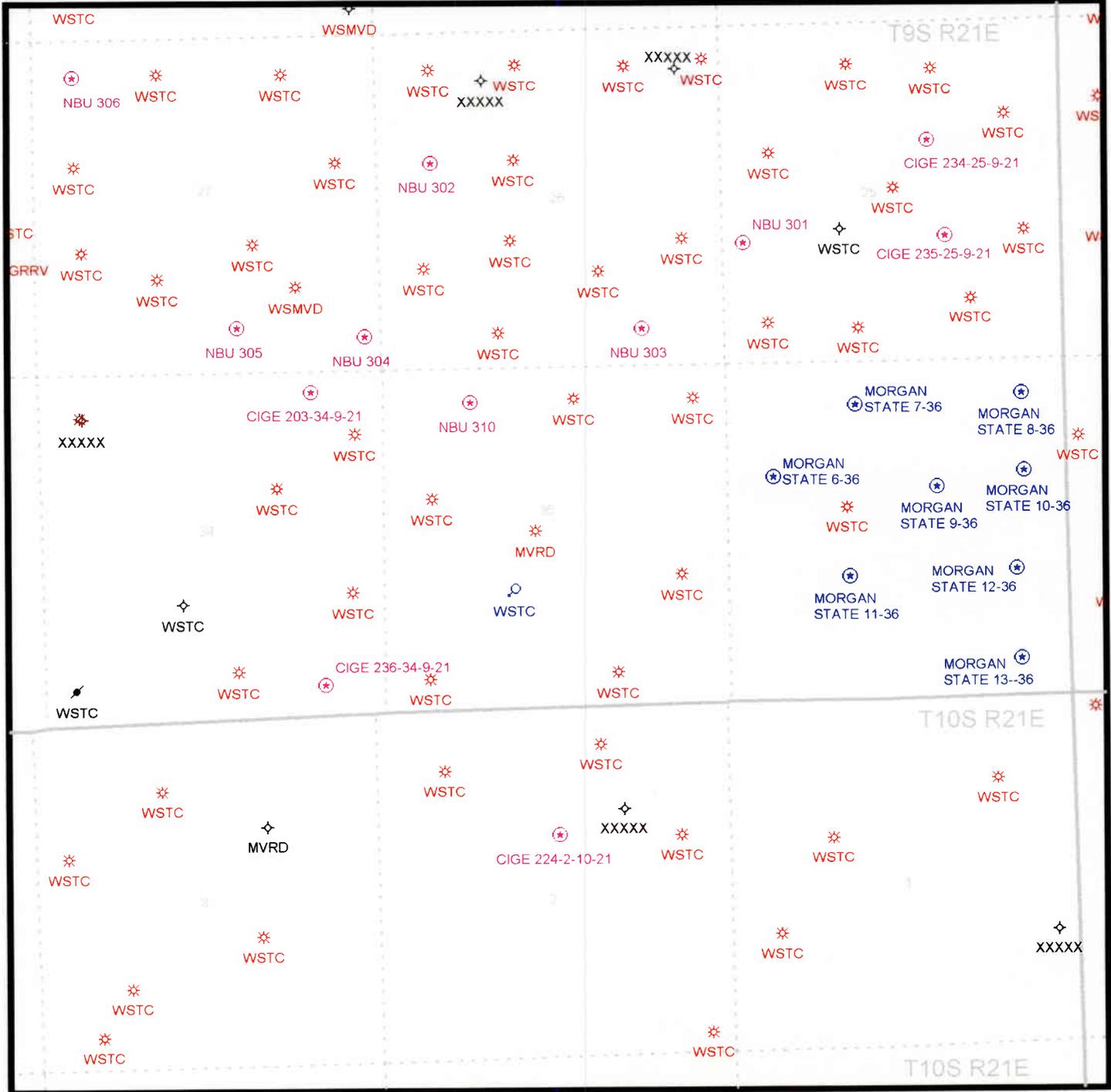
LOCATION AND SITING:

R649-2-3. Unit: NATURAL BUTTES  
 \_\_\_\_\_ R649-3-2. General.  
 \_\_\_\_\_ R649-3-3. Exception.  
 \_\_\_\_\_ Drilling Unit.  
 Board Cause no: \_\_\_\_\_  
 Date: \_\_\_\_\_

COMMENTS: Casing OK, cement OK (see NBU # 302 notes)

STIPULATIONS: 1 - Statement of Basis

**OPERATOR: COASTAL (N0230)**  
**FIELD: NATURAL BUTTES (630)**  
**SEC, TWP, RNG: 26,27,34,35 T9S,**  
**R21E, & 2, T10S R21E**  
**COUNTY: UINTAH**  
**UAC: R649-2-3 NATURAL BUTTES**



**PREPARED:**  
**DATE: 16-APR-97**

ON-SITE PREDRILL EVALUATION

Division of Oil, Gas and Mining

OPERATOR: COASTAL OIL & GAS CORP.  
WELL NAME & NUMBER: CIGE 224-2-10-21  
API NUMBER: 43-047-32883  
LEASE: ST ML-2252 FIELD/UNIT: NATURAL BUTTES FIELD.  
LOCATION: 1/4, 1/4 SW/NE Sec: 2 TWP: 10S RNG: 21E 2035' FNL2595' FEL  
LEGAL WELL SITING: \_\_\_' F SEC. LINE; \_\_\_ F 1/4, 1/4 LINE; \_\_\_ F ANOTHER WELL.  
GPS COORD (UTM) 12626560E 4426352N  
SURFACE OWNER: STATE OF UTAH

PARTICIPANTS

PAUL BRESHEARS, SHIELA BREMER (COGC), ROBERT KAY (UELS), HARLEY  
JACKSON (JACKSON CONST.), JOHN FAUSETT, ALAN JUSTICE (DIRT  
CONTRACTORS), DAVID HACKFORD (DOGM).

REGIONAL/LOCAL SETTING & TOPOGRAPHY

SITE IS LOCATED IN A CUL-DE-SAC AT THE WEST END OF A RIDGE COMPLEX  
RINGED BY HIGH RIDGES AND BUTTES ON THREE SIDES THAT OPEN TO THE  
WEST.

SURFACE USE PLAN

CURRENT SURFACE USE: LIVESTOCK AND WILDLIFE GRAZING.

PROPOSED SURFACE DISTURBANCE: LOCATION WILL BE 325' X 245.  
ACCESS ROAD WILL BE 0.3 MILES.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: SEE ATTACHED MAP  
FROM GIS DATABASE.

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: \_\_\_\_\_  
ALL PRODUCTION FACILITIES WILL BE ON LOCATION AND ADDED AFTER  
DRILLING WELL. PROPOSED PIPELINE WILL COME FROM THE NBU 265.

SOURCE OF CONSTRUCTION MATERIAL: ALL CONSTRUCTION MATERIAL WILL BE  
BORROWED FROM THIS SITE DURING CONSTRUCTION AND IS NATIVE.

ANCILLARY FACILITIES: NONE WILL BE REQUIRED.

WASTE MANAGEMENT PLAN:

DRILLED CUTTINGS WILL BE SETTLED INTO RESERVE PIT. LIQUIDS FROM PIT  
WILL BE ALLOWED TO EVAPORATE. FORMATION WATER WILL BE CONFINED TO  
STORAGE TANKS. SEWAGE FACILITIES, STORAGE AND DISPOSAL WILL BE  
HANDLED BY COMMERCIAL CONTRACTOR. TRASH WILL BE CONTAINED IN TRASH  
BASKETS AND HAULED TO AN APPROVED LAND FILL.

ENVIRONMENTAL PARAMETERS

AFFECTED FLOODPLAINS AND/OR WETLANDS: NONE

FLORA/FAUNA: GREASEWOOD, NATIVE GRASSES, SALTBRUSH, PRICKLY PEAR,  
SAGEBRUSH, THORNY HORSEBRUSH: PRONGHORN, RODENTS, COYOTES, BIRDS.

SOIL TYPE AND CHARACTERISTICS: LIGHT BROWN SANDY CLAY.

SURFACE FORMATION & CHARACTERISTICS: LOCAL BEDROCK IS PREDOMINANTLY  
UPPER EOCENE SANDSTONE OF THE UINTA FORMATION THAT INTERFINGERS WITH  
WITH QUATERNARY ALLUVIAL AND EOLIAN DEPOSITS.

EROSION/SEDIMENTATION/STABILITY: MINOR EROSION, MINOR SEDIMENTATION,  
NO STABILITY PROBLEMS ANTICIPATED.

PALEONTOLOGICAL POTENTIAL: NONE OBSERVED.

RESERVE PIT

CHARACTERISTICS: 100' BY 100' AND 10' DEEP.

LINER REQUIREMENTS (Site Ranking Form attached): NO LINER WILL BE  
REQUIRED.

SURFACE RESTORATION/RECLAMATION PLAN

AS PER STATE OF UTAH, TRUST LANDS.

SURFACE AGREEMENT: STATE OF UTAH, TRUST LANDS.

CULTURAL RESOURCES/ARCHAEOLOGY: SITE WAS INSPECTED BY METCALF  
ARCHAEOLOGICAL CONSULTANTS, INC. A REPORT OF THIS INVESTIGATION WILL  
BE PLACED ON FILE.

OTHER OBSERVATIONS/COMMENTS

INVESTIGATION WAS DONE ON A WARM DAY WITH NO SNOW COVER.

ATTACHMENTS:

PHOTOS OF PROPOSED SITE WILL BE PLACED ON FILE.

DAVID W. HACKFORD  
DOGM REPRESENTATIVE

4/16/97 11:55 AM  
DATE/TIME

**Evaluation Ranking Criteria and Ranking Score  
For Reserve and Onsite Pit Liner Requirements**

<u>Site-Specific Factors</u>	<u>Ranking</u>	<u>Site Ranking</u>
Distance to Groundwater (feet)		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	<u>0</u>
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	<u>0</u>
Distance to Nearest Municipal Well (feet)		
>5280	0	
1320 to 5280	5	
500 to 1320	10	
<500	15	<u>0</u>
Distance to Other Wells (feet)		
>1320	0	
300 to 1320	10	
<300	20	<u>0</u>
Native Soil Type		
Low permeability	0	
Mod. permeability	10	
High permeability	20	<u>10</u>
Fluid Type		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	15	
TDS >10000 or Oil Base	20	
Mud Fluid containing high levels of hazardous constituents		<u>5</u>
Drill Cuttings		
Normal Rock	0	
Salt or detrimental	10	<u>0</u>
Annual Precipitation (inches)		
<10	0	
10 to 20	5	
>20	10	<u>0</u>
Affected Populations		
<10	0	
10 to 30	6	
30 to 50	8	
>50	10	<u>0</u>
Presence of Nearby Utility Conduits		
Not Present	0	
Unknown	10	
Present	15	<u>0</u>
<b>Final Score (Level II Sensitivity)</b>		<u>15</u>

**DIVISION OF OIL, GAS AND MINING**  
**APPLICATION FOR PERMIT TO DRILL**  
**STATEMENT OF BASIS**

Operator Name: COASTAL OIL & GAS CORP.

Name & Number: CIGE 224-2-10-21

API Number: 43-047-32883

Location: 1/4, 1/4 SW/NE Sec. 2 T. 10S R. 21E

**Geology/Ground Water:**

The base of moderately saline water is at a depth of between 2000 feet to 3000 feet. High quality aquifers are generally not present in this area. If water zones are encountered they are generally discontinuous, yields are low and they are not subject to direct recharge. The proposed casing and cement program will adequately isolate and protect any water zones should they be encountered.

Reviewer: D. Jarvis

Date: 5/1/97

**Surface:**

The pre-site investigation of the surface was performed by field personnel on 4/16/97. All of the applicable surface management agencies and landowners have been notified and their concerns have been accommodated where reasonable. An old jeep road crosses the location this road and its use will be discontinued when the location is built.

Reviewer: DAVID W. HACKFORD

Date: 4/21/97

**Conditions of Approval/Application for Permit to Drill:**

1. The reserve pit shall be constructed east of the well bore.
2. The jeep trail that crosses the location will be reclaimed and not used for field purposes.

APD evaluation

Natural Buttes Unit # 302 - 43-047-32877

Coastal O & G Corp.

I. Casing program

Production casing: 4 1/2", 11.6# K-55, LTC set at 8300'  
(TD = 8300')

$$\text{Max. mud wt} = 8.4 \text{ ppg} \Rightarrow \text{BHP} = (8.4)(0.052)(8300) = \underline{\underline{3625 \text{ psi}}}$$

Antic. BHP = 3320 psi

Burst str. = 5350 psi

$$\text{Burst SF} = \frac{5350}{3625} = \underline{\underline{1.48}} \quad \checkmark \text{ OK}$$

Collapse str. = 4960 psi

$$\text{Collapse SF} = \frac{4960}{3625} = \underline{\underline{1.37}} \quad \checkmark \text{ OK}$$

Wt. of pipe = (11.6)(8300) = 96,280 #

St. str. = 180,000 #

$$\text{Tension SF} = \frac{180,000}{96,280} = \underline{\underline{1.87}} \quad \checkmark \text{ OK}$$

II. Cement program

Lead cement yield = 2.69 cu. ft. / sk

Height of column = 4340'

Vol. of cement between  
4 1/2" casing / 7 7/8" hole  
(100% excess) = 0.4556 cu. ft. / ft

$$\text{Cement volume req.} = \frac{4340 \times 0.4556}{2.69} = \underline{\underline{735 \text{ sk}}}$$

Tail cement yield = 1.57 cu. ft. / sk

Height of column = 3960'

$$\text{Cement vol. req.} = \frac{3960 \times 0.4556}{1.57} = \underline{\underline{1149 \text{ sk}}}$$





# State of Utah

Department of Community & Economic Development  
Division of State History  
Utah State Historical Society



**Michael O. Leavitt**  
Governor  
**Max J. Evans**  
Director

300 Rio Grande  
Salt Lake City, Utah 84101-1182  
(801) 533-3500 • FAX: 533-3503 • TDD: 533-3502  
cehistory.ushs@email.state.ut.us

May 2, 1997

Division of Oil, Gas and Mining  
P. O. Box 145801  
Salt Lake City UT 84114-5801

## BUILDING MAIL

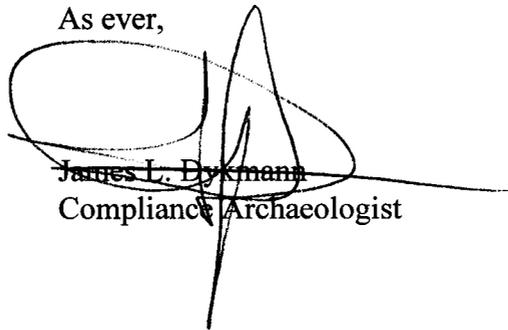
RE: Coastal Oil & Gas Corporation's CIGE #224 Well Pad, Pipeline & Access U-97-MM-0130s

In Reply Please Refer to Case No. 97-0510

The Utah State Historic Preservation Office received the above referenced report on April 29, 1997. The report states that no cultural resources were located in the project area. We, therefore, concur with the report's recommendation that No Historic Properties will be impacted by the project.

This information is provided on request to assist the Division of Oil Gas and Mining with its Section 106 responsibilities as specified in 36CFR800. If you have questions, please contact me at (801) 533-3555, or Barbara L. Murphy at (801) 533-3563. My email address is: [jdykman@history.state.ut.us](mailto:jdykman@history.state.ut.us)

As ever,



James L. Dykman  
Compliance Archaeologist

JLD:97-0510 Lands/NP/NE

c: Kenneth L. Wintch, Archaeologist, Utah School and Institutional State Trust Lands Administration, 675 East 500 South, Suite 500, Salt Lake City UT 84102

F:\CULTURAL\JIM\97-0510



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

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

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

May 7, 1997

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

Re: CIGE 224-2-10-21 Well, 2035' FNL, 2595' FEL, SW NE, Sec. 2,  
T. 10 S., R. 21 E., Uintah County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-32883.

Sincerely,

for LPB  
Lowell P. Braxton  
Deputy Director

lwp

Enclosures

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

Operator: Coastal Oil & Gas Corporation  
Well Name & Number: CIGE 224-2-10-21  
API Number: 43-047-32883  
Lease: ST ML-2252  
Location: SW NE Sec. 2 T. 10 S. R. 21 E.

### 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 following spudding the well or commencing drilling operations. Contact Jimmie Thompson at (801)538-5336.

Notify the Division prior to commencing operations to plug and abandon the well. Contact John R. Baza (801)538-5334 or Mike Hebertson at (801) 538-5333.

3. Reporting Requirements

All required reports, forms and submittals shall 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. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis dated May 1, 1997 (copy attached).

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number:  
ST ML-2252

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

6. If Indian, Allottee or Tribe Name:  
N/A

1A. Type of Work  
DRILL  DEEPEN

7. Unit Agreement Name:  
Natural Buttes Unit

B. Type of Well  
OIL  GAS  OTHER: SINGLE ZONE  MULTIPLE ZONE

8. Farm or Lease Name:  
CIGE

2. Name of Operator:  
Coastal Oil & Gas Corporation

9. Well Number:  
224-2-10-21

3. Address and Telephone Number:  
P.O. Box 749, Denver, CO 80201-0749 (303) 573-4455

RECEIVED

APR 14 1997

10. Field and Pool, or Wildcat  
Natural Buttes Field

4. Location of Well (Footages)  
At surface: 2035' FNL & 2595' FEL  
At proposed proding zone:

11. Qtr/Qtr, Section, Township, Range, Meridian:  
SWNE Section 2-T10S-R21E

14. Distance in miles and direction from nearest town or post office:  
See Topo Map A

12. County: Uintah  
13. State: Utah

15. Distance to nearest property or lease line (feet):  
2035

16. Number of acres in lease:  
489.92

17. Number of acres assigned to this well:  
N/A

18. Distance to nearest well, drilling, completed, or applied for, on this lease (feet):  
See Topo Map C

19. Proposed Depth:  
6700'

20. Rotary or cable tools:  
Rotary

21. Elevations (show whether DR, RT, GR, etc.):  
Ungraded GR - 5126'

22. Approximate date work will start:  
Upon Approval

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See Attached				
Drilling Program				

DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

Coastal Oil & Gas Corporation proposes to drill a well to the proposed TD as stated above. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per State of Utah requirements.

See the attached Drilling Program and Multi-point Surface Use & Operations Plan.

Coastal Oil & Gas Corporation is considered to be the operator of the subject well. It agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided for by Coastal's Bond #102103.

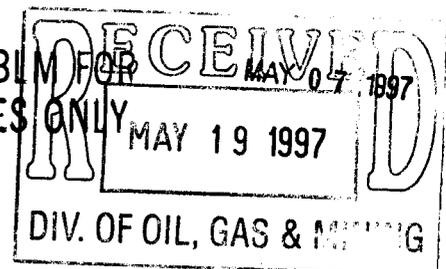
24. Name & Signature: Sheila Bremer Title: Environmental & Safety Analyst Date: 4/11/97

(This space for State use only)

API Number Assigned: 43-047-32883

Approval:

ACCEPTED BY BLM FOR UNIT PURPOSES ONLY



(See Instructions on Reverse Side)

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number  
**ST ML-2252**

6. Indian, Allottee or Tribe Name:  
**N/A**

7. Unit Agreement Name:  
**Natural Buttes Unit**

8. Well Name and Number:  
**CIGE 224-2-10-21**

9. API Well Number:  
**43-047-32883**

10. Field and Pool, or Wildcat  
**Natural Buttes Field**

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. Type of Well: OIL  GAS  OTHER:

2. Name of Operator

**Coastal Oil & Gas Corporation**

3. Address and Telephone Number.

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

**(303) 573-4476**

4. Location of Well

Footages: **2035' FNL & 2595' FEL**

County: **Uintah**

QQ,Sec., T., R., M.: **SWNE Section 2, T10S-R21E**

State: **Utah**

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

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

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

Approximate date work will start Upon Approval

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

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

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

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

\* Must be accompanied by a cement verification report.

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

The APD for the referenced well was approved on May 7, 1997. The operator requests that the APD be extended for an additional year such that drilling may be completed.

*Extend to 5/7/99  
BCS*

13. Name & Signature *Bonnie Carson* Title Bonnie Carson Senior Environmental Analyst Date 4/23/98

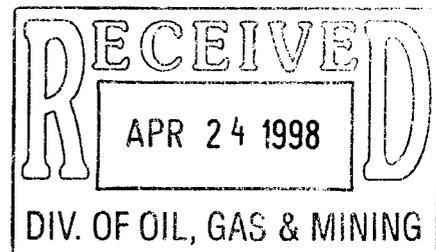
(This space for State use only)

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

DATE: 5/8/98  
BY: *[Signature]*

(5/94)

(See Instructions on Reverse Side)



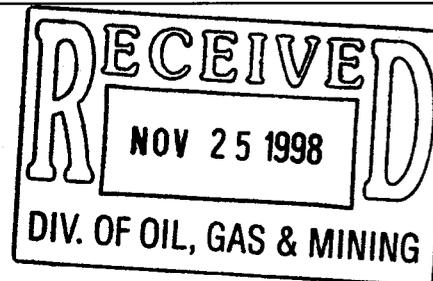
**ENTITY ACTION FORM - FORM 6**

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	02900	43-047-32883	CIGE #224-2-10-21	SWNE	2	10S	21E	Uintah	11/13/98	11/13/98
WELL 1 COMMENTS: (A - CIGE) <i>981130 entity added; (Nat Buttes U/WSMVD) VDR</i>											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

**ACTION CODES (See instructions on back of form)**

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.



*Sheila Bremer*

Signature Sheila Bremer

Title Environ. & Safety Analyst Date 11/23/98

Title \_\_\_\_\_ Date \_\_\_\_\_

Phone No. (303) 573-4455

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number  
**ST ML-2252**

6. Indian, Allottee or Tribe Name:  
**N/A**

7. Unit Agreement Name:  
**Natural Buttes Unit**

8. Well Name and Number:  
**CIGE 224-2-10-21**

9. API Well Number:  
**43-047-32883**

10. Field and Pool, or Wildcat  
**Natural Buttes Field**

**SUNDRY NOTICES AND REPORTS ON WELLS**

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Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such purposes

1. Type of Well: OIL  GAS  OTHER:

2. Name of Operator  
**Coastal Oil & Gas Corporation**

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

4. Location of Well  
Footages: **2035' FNL & 2595' FEL** County: **Uintah**  
QQ, Sec., T., R., M.: **SWNE Section 2, T10S-R21E** State: **Utah**

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

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
<input type="checkbox"/> Abandon	<input type="checkbox"/> New Construction	<input type="checkbox"/> Abandon*	<input type="checkbox"/> New Construction
<input type="checkbox"/> Repair Casing	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Repair Casing	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Perforate
<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Perforate	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Fracture Treat or Acidize	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Fracture Treat or Acidize	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off	<input checked="" type="checkbox"/> Other <u>Spud Notice</u>	
<input type="checkbox"/> Other _____			
Approximate date work will start _____		Date of work completion <u>11/13/98</u>	
		Report results of <b>Multiple Completions</b> and <b>Recompletions</b> to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.	
		* Must be accompanied by a cement verification report.	

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

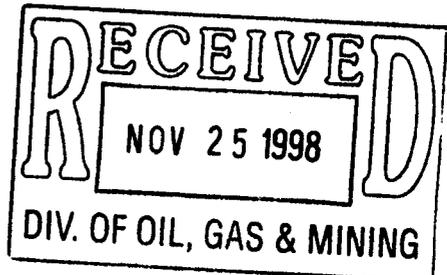
11/13/98: MI&RU Bill Martin Drilling. Drill 262' of 11" hole; run 7 jts 8-5/8" 24# J-55 csg w/Halco shoe and 3 centralizers; total 255.45'; cement with Haliburton; pump 20 bbl gelled water ahead of 100 sx PAG; cement with 2% CaCl2 and 1/4#/sx Flocele @ 15.6 ppg; yield 1.18 cu ft/sx; drop plug and displace with 13.4 bbl H2O +/- 5 bbl; cement in csg 40' +/-; good returns; hole standing full.

Spud 8:30 AM 11/13/98

Notified Ed Foresman - BLM; Dave Hackford - State of Utah

13. Name & Signature Sheila Bremer Title Environmental and Safety Analyst Date 11/23/98

(This space for State use only)



STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number  
**ST ML-2252**

6. Indian, Allottee or Tribe Name:  
**N/A**

7. Unit Agreement Name:  
**Natural Buttes Unit**

8. Well Name and Number:  
**CIGE 224-2-10-21**

9. API Well Number:  
**43-047-32883**

10. Field and Pool, or Wildcat  
**Natural Buttes Field**

County: **Uintah**  
State: **Utah**

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. Type of Well: OIL  GAS  OTHER:

2. Name of Operator  
**Coastal Oil & Gas Corporation**

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

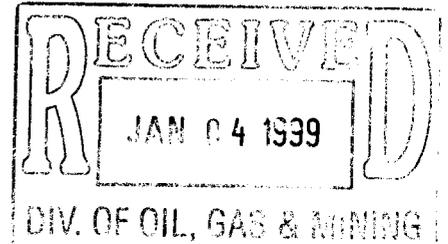
4. Location of Well  
Footages: **2035' FNL & 2595' FEL**  
QQ,Sec., T., R., M.: **SWNE Section 2, T10S-R21E**

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

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
<input type="checkbox"/> Abandon	<input type="checkbox"/> New Construction	<input type="checkbox"/> Abandon*	<input type="checkbox"/> New Construction
<input type="checkbox"/> Repair Casing	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Repair Casing	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Perforate
<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Perforate	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Fracture Treat or Acidize	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Fracture Treat or Acidize	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off	<input checked="" type="checkbox"/> Other <u>First Production</u>	
<input type="checkbox"/> Other _____			
Approximate date work will start _____		Date of work completion <u>12/14/98</u>	
		Report results of <b>Multiple Completions</b> and <b>Recompletions</b> to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.	
		* Must be accompanied by a cement verification report.	

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

First production for the above subject well occurred on 12/14/98.



13. Name & Signature Sheila Bremer Title Environmental and Safety Analyst Date 12/31/98

(This space for State use only)



March 29, 1999

State of Utah  
Department of Natural Resources  
Division of Oil Gas & Mining  
1594 West North Temple  
P.O. Box 145801  
Salt Lake City, UT 84114-5801

**ATTENTION: Carroll Daniels**

Dear Carroll,

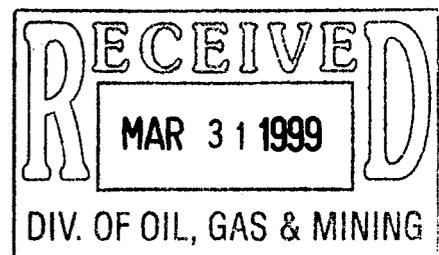
Enclosed are the originals and two copies each of the Well Completion or Recompletion Report and Log for the CIGE #224, and the NBU #303 locations. I have also included a copy of the report submitted in December of 1998 for the NBU #311.

If you have questions or need additional information, please do not hesitate to call me, (435) 781-7023.

Sincerely,

Cheryl Cameron  
Environmental Analyst

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



**Coastal Oil & Gas Corporation**

A SUBSIDIARY OF THE COASTAL CORPORATION  
1176 S 1500 E • P.O. BOX 1148 • VERNAL UT 84078 • 435/789-4433 • FAX 435/789-4436

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_

b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR.  Other \_\_\_\_\_

2. NAME OF OPERATOR  
**COASTAL OIL & GAS CORPORATION**

3. ADDRESS OF OPERATOR  
**P.O. Box 1148 Vernal, Ut 84078 (435) 781-7023**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)  
At surface **SWNE**  
At top prod. interval reported below **2035' FNL & 2595' FeL**  
At total depth \_\_\_\_\_

5. LEASE DESIGNATION AND SERIAL NO.  
**ST - ML- 2252**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
**Natural Butts Unit**

8. FARM OR LEASE NAME  
**CIGE**

9. WELL NO.  
**224-2-10-21**

10. FIELD AND POOL, OR WILDCAT  
**Natural Butts Unit**

11. SEC. T, R, M, OR BLOCK AND SURVEY OR AREA  
**Sec2, T10S, R21E**

12. COUNTY  
**Uintah**

13. STATE  
**Ut**

14. API NO. **43-047-32883** DATE ISSUED **5/7/97**

15. DATE SPUDDED **11/13/98** 16. DATE T.D. REACHED **12/1/98** 17. DATE COMPL. (Ready to prod. or P&A) **12/16/98** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.) **5126' GR** 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD **'8042'** 21. PLUG BACK T.D., MD & TVD **8020'** 22. IF MULTIPLE COMPL., HOW MANY \_\_\_\_\_ 23. INTERVALS DRILLED BY \_\_\_\_\_ ROTARY TOOLS **X** CABLE TOOLS \_\_\_\_\_

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)  
**Wasatch ( 2 SPF) 5341, 5360, 5396, 5560, 6660, ( 10 holes)  
MV ( 2SPF) 7586, 7654, 7834, 8002,8010 ( 10 holes)**

25. WAS DIRECTIONAL SURVEY MADE  
**NO**

26. TYPE ELECTRIC AND OTHER LOGS RUN  
**✓ DLL/Sp/GR 12-11-98 CBH/GR/ Collars 1-5-99**

27. WAS WELL CORED YES  NO  (Submit analysis)  
DRILL STEM TEST YES  NO  (See reverse side)

**CASING RECORD (Report all strings set in well)**

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8	24#	266'	11 1/2" I4	See attached Chrono	
4 1/2	11.6#	8042	7 7/8		

**LINER RECORD**

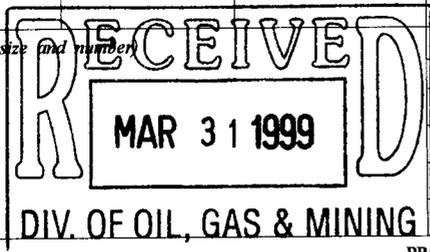
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

**TUBING RECORD**

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8	7594	

31. PERFORATION RECORD (Interval, size and number)

Refer to Fem #24



32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
Refer to Item # 32	

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)	WELL STATUS (Producing or shut-in)					
12/16/98	Flowing	Producing					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL--BBL.	GAS--MCF	WATER--BBL.	GAS-OIL RATIO
12/16/98	24	16/64		0	1325	90	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF	WATER--BBL.	OIL GRAVITY-API (CORR.)	
1150	1350		0	1325	90		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold & Used f/ Fuel

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

None

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

SIGNED *Cheryl Cameron*

TITLE **Cheryl Cameron  
Environmental Analyst**

DATE **03/29/99**

INSTRUCTIONS

m should be completed in compliance with the Utah Oil and Gas Conservation General Rules. If not filed prior to this time, all logs, tests, and directional surveys as required by Utah should be attached and submitted with this report.

8: Indicate which elevation is used as reference for depth measurements given in other spaces on this form and on any attachments.  
 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or top(s), bottom(s) and name(s) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately reported, showing the additional data pertinent to such interval.

9: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

3: Submit a separate completion report on this form for each interval to be separately produced (see instruction for items 22 and 24 above).

MARY OF POROUS ZONES: w all important zones of porosity and contents thereof, cored intervals; and all drill-stem tests, including th interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.		38. GEOLOGIC MARKERS		
Formation	Top	Bottom	Description, contents, etc.	
			Name	
			Meas. Depth	
			Top	
			True Vert. Depth	
			Perf 8010, 8002, 7834, 7654, 7586  Stage #1 Pump 59,000 20/40 Sd, 20,000# 20/40 Resin coated Sd, 25 # GEL PAD 2-6 PPA. Flush w/ 10 Bbls, 21 bbls 15% HCL Acid - 86 Bbls KCL. Total load 673 BBls.  Perf 6660, 5560, 5396, 5360, 5341 Stage #2 pump 106, 160# 20/40 Sd & 20,960# 20/40 Resin-coated, Sd 25# GEL 23% PAD 2-6 PPA stages. Flush w / 86 Bbls . Total load 840	Top of Wasatch MV  4468' (+470) 7520' (-2382)

**PERC****WELL CHRONOLOGY REPORT**

<b>WELL NAME : <u>CIGE #224</u></b>		DISTRICT : <u>DRLG</u>
FIELD : <u>NATURAL BUTTES</u>		LOCATION :
COUNTY & STATE : <u>UINTAH</u>	<u>UT</u>	CONTRACTOR : <u>COASTALDRIL</u>
WI% :	AFE# :	API# : <u>43 047 32883</u>
		PLAN DEPTH :
DHC :	CWC :	AFE TOTAL :
		FORMATION :
		SPUD DATE : <u>11/13/98</u>

<b>REPORT DATE : <u>11/13/98</u></b>	MD : <u>262</u>	TVD : <u>0</u>	DAYS : <u>0</u>	MW :	VISC :
DAILY : DC : <u>\$6,371</u>	CC : <u>\$0</u>	TC : <u>\$6,371</u>	CUM : DC : <u>\$6,371</u>	CC : <u>\$0</u>	TC : <u>\$6,371</u>

DAILY DETAILS : 11-13-98 - MI AND RU BILL MARTIN DRLG; DRILL 262' OF 11" HOLE; RUN 7 JTS 8-5/8" CSG 24# J55 CSG WITH HALCO SHOE AND 3 CENTRALIZERS; TOTAL 255.45; CMT WITH HALLIBURTON ; PUMP 20 BBLS GELLED WATER AHEAD OF 100 SKS PAG CMT WITH 2% CACL2 AND 1/4#/SK FLOCELE AT 15.6 PPG; YLD 1.18 CU FT; SK; DROP PLUG AND DISPLACE WITH 13.4 BBL H2O +/- 5 BBL CMT IN CSG 40' +/- GOOD RETURNS; HOLE STANDING FULL NOTIFIED ED FORSEMAN BLM; DAVE HACKFORD STATE OF UTAH SPUD 8:30 AM 11/13/98

<b>REPORT DATE : <u>11/21/98</u></b>	MD : <u>433</u>	TVD : <u>0</u>	DAYS :	MW :	VISC :
DAILY : DC : <u>\$19,545</u>	CC : <u>\$0</u>	TC : <u>\$19,545</u>	CUM : DC : <u>\$25,915</u>	CC : <u>\$0</u>	TC : <u>\$25,915</u>

DAILY DETAILS : RD MOVE AND RU FT TEST BOP GIH TOP CMT AT 190' DRLG CMT; PLUG; CMT AND SHOE DRLG 266-433'

<b>REPORT DATE : <u>11/22/98</u></b>	MD : <u>1,882</u>	TVD : <u>0</u>	DAYS :	MW : <u>8.5</u>	VISC : <u>26</u>
DAILY : DC : <u>\$17,898</u>	CC : <u>\$0</u>	TC : <u>\$17,898</u>	CUM : DC : <u>\$43,813</u>	CC : <u>\$0</u>	TC : <u>\$43,813</u>

DAILY DETAILS : DRLG 433-821' SURVEYS DRLG 821-1313' SURVEYS DRLG 1313-1605' SWITCH TO AIR AND H2O DRLG 1605-1744' BUILD AND REPLACE MAIN AIR HOSE F/BLASTER DRLG 1744-1807' SURVEYS DRLG 1807-1882'

<b>REPORT DATE : <u>11/23/98</u></b>	MD : <u>2,745</u>	TVD : <u>0</u>	DAYS :	MW : <u>8.6</u>	VISC : <u>26</u>
DAILY : DC : <u>\$11,982</u>	CC : <u>\$0</u>	TC : <u>\$11,982</u>	CUM : DC : <u>\$55,796</u>	CC : <u>\$0</u>	TC : <u>\$55,796</u>

DAILY DETAILS : DRLG 1882-2025' SURVEYS DRLG 2025-2525 SURVEYS DRLG 2525-2745'

<b>REPORT DATE : <u>11/24/98</u></b>	MD : <u>3,533</u>	TVD : <u>0</u>	DAYS :	MW : <u>8.6</u>	VISC : <u>27</u>
DAILY : DC : <u>\$16,862</u>	CC : <u>\$0</u>	TC : <u>\$16,862</u>	CUM : DC : <u>\$72,658</u>	CC : <u>\$0</u>	TC : <u>\$72,658</u>

DAILY DETAILS : DRLG 2745-3054' SURVEY AT 3010' 1-1/2 DEGR DRLG 3054-3270' RIG MAINTENANCE DRILLING

<b>REPORT DATE : <u>11/25/98</u></b>	MD : <u>4,320</u>	TVD : <u>0</u>	DAYS :	MW : <u>8.4</u>	VISC : <u>26</u>
DAILY : DC : <u>\$23,748</u>	CC : <u>\$0</u>	TC : <u>\$23,748</u>	CUM : DC : <u>\$96,406</u>	CC : <u>\$0</u>	TC : <u>\$96,406</u>

DAILY DETAILS : SURVEY AT 3504'; 2 DEGR DRLG 3533-4013' RIG MAINTENANCE DRLG 4013-4075' SURVEY AT 4031'; 2 DEGR DRLG 4075-4320'

<b>REPORT DATE : <u>11/26/98</u></b>	MD : <u>4,850</u>	TVD : <u>0</u>	DAYS :	MW : <u>8.4</u>	VISC : <u>26</u>
DAILY : DC : <u>\$12,947</u>	CC : <u>\$0</u>	TC : <u>\$12,947</u>	CUM : DC : <u>\$109,353</u>	CC : <u>\$0</u>	TC : <u>\$109,353</u>

DAILY DETAILS : DRLG 4320-4570' SURVEY AT 4526' 1-3/4 DEGR DRLG 4570-4850' TRIP OUT FOR BIT CHANGE

**PERC****WELL CHRONOLOGY REPORT**

REPORT DATE : 11/27/98 MD : 5.554 TVD : 0 DAYS : MW : 8.4 VISC : 26  
 DAILY : DC : \$19,971 CC : \$0 TC : \$19,971 CUM : DC : \$129,323 CC : \$0 TC : \$129,323  
 DAILY DETAILS : RIG MAINTENANCE PU BIT #2 TIH WITH BHA INSTALL NEW LOW DRUM CHAIN IN  
 DRAWWORKS AND CHANGE OUT KELLY DRIVE BUSHINGS FOR ROTATING HEAD TRIP IN  
 FILL PIPE; WASH AND REAM 120' TO BOTTOM DRLG TO 5006' SURVEY AT 5022 1-1/4  
 DEGR DRLG 5066-5554' BREAKS 5056-5105' 5166-5205 5302-5326

REPORT DATE : 11/28/98 MD : 6.495 TVD : 0 DAYS : MW : 8.5 VISC : 27  
 DAILY : DC : \$14,652 CC : \$0 TC : \$14,652 CUM : DC : \$143,975 CC : \$0 TC : \$143,975  
 DAILY DETAILS : DRLG 5554-5648' SIRVEU AT 5604 1-1/2 DEGR DRLG 5648-6114' SURVEY 6070 1-1/2 DEGR  
 RIG MAINTENANCE DRLG 6114-6495' DRLG BREAKS 5773-5783 5834-5849 5991-6000  
 6021-6032 6069-6082

REPORT DATE : 11/29/98 MD : 7.185 TVD : 0 DAYS : MW : 8.4 VISC : 27  
 DAILY : DC : \$11,924 CC : \$0 TC : \$11,924 CUM : DC : \$155,899 CC : \$0 TC : \$155,899  
 DAILY DETAILS : DRLG 6495-6614' SURVEY AT 6570 1-3/4 DEGR DRLG 6614-6827' RIG MAINTENANCE  
 DRLG 6827-7074' SURVEY AT 7030' 1-1/2 DEGR DRLG 7074-7185' DRLG BREAKS 6500-  
 6531' 6674-6681' 6786-6796' 6827-6842' 7080-7092' 7135-7151' 7159-7171'

REPORT DATE : 11/30/98 MD : 7.635 TVD : 0 DAYS : MW : 8.4 VISC : 27  
 DAILY : DC : \$13,903 CC : \$0 TC : \$13,903 CUM : DC : \$169,802 CC : \$0 TC : \$169,802  
 DAILY DETAILS : DRLG 7185-7294' RIG MAINTENANCE DRLG 7294-7481' RIG MAINTENANCE DRLG 7481-  
 7542' SURVEY AT 7488' 1-3/4 DEGR RIG MAINTENANCE DRLG 7542-7635' DRLG BREAKS  
 7205-7218' 7300-7345' 7382-7412' 7448-7455' 7559-7579'

REPORT DATE : 12/1/98 MD : 7.805 TVD : 0 DAYS : MW : 8.5 VISC : 27  
 DAILY : DC : \$12,650 CC : \$0 TC : \$12,650 CUM : DC : \$182,452 CC : \$0 TC : \$182,452  
 DAILY DETAILS : DRLG 7635-7793' POOH CHANGE BOLTS IN BRAKES TRIP IN BREAK CIRC AND DRILL  
 7793-7805' DRLG BREAKS 7559-7579' 7612-7620'

REPORT DATE : 12/2/98 MD : 8.042 TVD : 0 DAYS : MW : 8.5 VISC : 27  
 DAILY : DC : \$15,964 CC : \$0 TC : \$15,964 CUM : DC : \$198,416 CC : \$0 TC : \$198,416  
 DAILY DETAILS : DRLG 7805-8042' SHORT TRIP 10 STD NO FILL SPOT BRINE; DROP SURVEY POOH FOR  
 LOGS LOGGING BREAKS 7813-7821 7923-7929 7985-8000

REPORT DATE : 12/3/98 MD : 8.042 TVD : 0 DAYS : MW : VISC :  
 DAILY : DC : \$89,874 CC : \$0 TC : \$89,874 CUM : DC : \$288,290 CC : \$0 TC : \$288,290  
 DAILY DETAILS : LOGGING (LOGGING DEPTH 8004') TRIP IN 38 STDS LD DP (WELL KICKING) TRIP IN HOLE  
 40 STDS CIRC PUMP 150 BBL BRINE WITH STATIC LD DP; BREAK KELLY; LD BHA RUN 183  
 JTS; 4.5 11.6 8 ROUND J-55 CSG CIRC AND COND HOLE FOR CMT TEST LINES; PUMP 10 BBL  
 40# GEL PUMP 80 BBL H2O; PUMP 610 SX MH.1 FT AND 6% D-20, 2% D-79, 75% D-112; 2% D-46;  
 5% D-44; 2% B-71; 2% D-65; 289 BBL LEAD 1216 SLURRY FOLLOWED BY 1440 SK 50:50 POZ G; 2%  
 D-20; 10% D-44 (BWOW) 5% B-14; 2% D-46 324 BBL 14.5# SLURRY

**PERC****WELL CHRONOLOGY REPORT**

REPORT DATE : 12/4/98 MD : 8,042 TVD : 0 DAYS : MW : VISC :  
 DAILY : DC : \$0 CC : \$45,807 TC : \$45,807 CUM : DC : \$288,290 CC : \$45,807 TC : \$334,097  
 DAILY DETAILS : DISPLACE WITH 124 BBL H2; BUMP PLUG WITH 500 OVER; RELEASE PRESS PLUG HELD SET  
 SLIPS; 90000 ND ; CUT OFF CSG CLEAN TANKS; RIG DOWN; RIG RELEASED 0800 HRS

REPORT DATE : 12/9/98 MD : 8,017 TVD : 0 DAYS : MW : VISC :  
 DAILY : DC : \$0 CC : \$2,273 TC : \$2,273 CUM : DC : \$288,290 CC : \$48,080 TC : \$336,370  
 DAILY DETAILS : ROAD RIG F/CIGE #118 TO CIGE #224. MI & RU PU & SPOT EQUIP. SWIFN

REPORT DATE : 12/10/98 MD : 8,020 TVD : 0 DAYS : MW : VISC :  
 DAILY : DC : \$0 CC : \$12,410 TC : \$12,410 CUM : DC : \$288,290 CC : \$60,490 TC : \$348,780  
 DAILY DETAILS : ND WH & NU BOP. PU 3 7/8" MILL & 4 1/2 CSG SCRAPER. TALLEY PU & RIH W/2 3/8 TBG. TAG  
 CMT @ 7996'. RU SWIVEL & DRLG PLUG FC & CMT TO 8020'. CIRC HOLE W/150 BBL 3% FILTER  
 KCL. RD SWIVEL & POOH W/5 STDS TBG. DRAIN PMP & LINES. SWIFN. BBLs FLUID PMPD  
 DAILY 150, BBLs FLUID REC DAILY 140, BBLs LEFT TO REC DAILY 10.

REPORT DATE : 12/11/98 MD : 8,020 TVD : 0 DAYS : MW : VISC :  
 DAILY : DC : \$0 CC : \$11,319 TC : \$11,319 CUM : DC : \$288,290 CC : \$71,809 TC : \$360,099  
 DAILY DETAILS : RIH W/TBG & PU 8' SUB EOT @ 8010'. RUD OWELL & SPOT 7 BBL 15% HCL ACID W/ADD ACROSS  
 INTERNAL 7586-8010' & RD DOWELL. POOH W/TBG & LD MILL & CSG SCRAPER. RD FLOOR & ND  
 BOP & NU FRAC VALVE. RUS CHL & RUN CBL-CCL-GR F/PBTD TO 4100' & F/2000' TO 1300'. TOC  
 @ 1800' & LOGGERPBTD 8029'. PRESS TEST CSG 4500 PSI (OK). INJ RATE 7 PRESS ON8 5/8-4 1/2  
 ANN 50 PSI @ 4 BPM W/30 BBL 3% KCL. RIH W/3 3/8 SELECT FIRE GUN 2 SPF 180 DEG PHASING  
 & PERF 2 8010', 8002', 7834', 7654', & 7586'. PRESS OPSI. FL SURF. POOH W/GUN& RD SCHL.  
 SWIFN & WO FRAC. BBLs FLUID PMPD DAILY 30, BBLs LEFT TOT REC 30 DAILY, CUM 40.

REPORT DATE : 12/12/98 MD : 8,020 TVD : 0 DAYS : MW : VISC :  
 DAILY : DC : \$0 CC : \$67,471 TC : \$67,471 CUM : DC : \$288,290 CC : \$139,280 TC : \$427,570  
 DAILY DETAILS : RU DOWELL F/FAC. HELD SAFETY MEETING & PRESS TEST LINES 5580 PSI. SICP 150 PSI.  
 8:35 AM START STAGE #1. BROKE @ 2422 PSI @ 3 BPM. INJ RATE 3650 PSI @ 20 BPM ISIP  
 2020 PSI. ALL PERF OPEN. PMP 59,000# 20/40 SD, 20,000# 20/40 RESIN COATED SD. 25# GEL  
 25% PAD 2-6 PPA. FLUSH W/10 BBL, 21 BBL 15% HCL ACID 7 86 BBL KCL. ISIP 2811 PSI. TOTAL  
 LOAD 673 BBL. MP 4541 PSI, MR 32.6 BPM AP 3641 PSI AR-24 BPM. RD DOWELL & RU SCHL.  
 9:00 AM RIH W/3 3/8 GUN 2 SPF180\* PHASING 7 4 1/2 ARROW WL. SET RBP. SET RBP @ 6690' &  
 PERF @ 6660, 5560, 5396, 5360 & 5341'. PRESS 0 PSI, FL SURF. RD SCHL & RU DOWELL. 12:05  
 PM START STAGE #2. BROKE @ 1038 PSI @ 3 BPM INJ RATE 2100 PSI @ 20 BPM, ISIP 1015 PSI.  
 ALL PERF OPEN. PMP 106,160# 20/40 SD 7 20,960# 20/40 RESIN COATED SD. 25# GEL 23# PAD 2-  
 6 PPA STAGES. FLUSH W/86 BBL ISIP 2050 PSI, 5 MIN 1967 PSI, 10 MIN 1922 PSI, 15 MIN 1890 PSI,  
 30 MIN 1800 PSI, MP 3240 PSI, MR 31.4 BPM, AP 2744 PSI, AR-38.4 BPM. TOTAL LOAD 840 BBLs.  
 RD DOWELL 1:30 PM OPEN W/1800 PSI ON 18/64 CHOKE TO TANK 2:30 PM FLOW WELL TO  
 TANK ON 18/64 CH W/950 PSI, REC 132 BL 4:00 PM FLOW WELL TO TANK ON 48/64 CH  
 W/150PSI. REC 121 BBL. OPEN WELL UP & ND FRAC VALVE. NU BOP & RU FLOOR. SWIFN.  
 BBLs FLUID PMPD DAILY 1513, BBLs FLUID REC DAILY 253, BBLs LEFT TO REC 1260 DAILY, CUM  
 1300

**PERC****WELL CHRONOLOGY REPORT**

REPORT DATE : 12/13/98 MD : 8,020 TVD : 0 DAYS : MW : VISC :  
 DAILY : DC : \$0 CC : \$35,590 TC : \$35,590 CUM : DC : \$288,290 CC : \$174,870 TC : \$463,160

DAILY DETAILS : SICP 300 PSI. 7:00 AM BLOW WELL DWN. RIH W/2 3/8" TBG W/RETRIEVING HEAD TO 5300' CIRC CLEAN. FIN RIH W/TBG. TAG SAND @ 6536'. CIRC & CLEANOUT SD & REL RBP @ 6990'. LET PRESS EQUALIZE. 12:30 PM STARTED POOH W/2 3/8 TBG & RBP WELL BEGAN TO FLOW.  
 1:30 PM WELL FLOWED FOR 2 HRS. 3:30 PM PMP 100 BBLs 10# BRINE DWN TBG. FIN POOH W/2 3/8" TBG & RBP. LD RBP 4:00 PM RIH W/NC, 1 JT, PSN & 2 3/8" TBG. TAG SAND @ 7924'. BRK CIRC W/3% KCL WTR. CIRC OUT SD FROM 7924' TO PBTD @ 8020'. CIRC HOLE CLEAN.  
 7:00 PM LD 13 JTS TBG & LAND TBG @ 7594' - TOTAL 240 JTS W/NC ON BTM & PSN 1 JT ABOVE @ 6561'. ND BOP. NU WH. PMPD 40 BBLs WTR DWN CSG. TBG KICKED OFF 9:00 PM START FLOW BACK TO TANK. FLOWED 56 BBLs WTR & DIED 10:00 PM SICP 200 PSI, RU SWB, MADE 6 SWB RUNS. REC 132 BBLs WTR. IFL @ SURF. FFL 1000', SICP 700 PSI 1:30 AM WELL KICKED OFF 2:00 AM SICP 500 PSI, FTP 250 PSI, FO CHOKE, 55 BW/HR, TR SD 2:30 AM SICP 750 PSI, FTP 850 PSI, 20/64" CK, 24 BW/HR, TR SD. BBLs FLUID PMPD DAILY 440, BBLs FLUID REC DAILY 1040, BBLs LEFT TO REC DAILY -600, CUM 700

REPORT DATE : 12/14/98 MD : 8,020 TVD : 0 DAYS : MW : VISC :  
 DAILY : DC : \$0 CC : \$0 TC : \$0 CUM : DC : \$288,290 CC : \$174,870 TC : \$463,160

DAILY DETAILS : FLOW BACK REPORT TIME....CP....TP....CH....WTR 3:30 PM....1560....1180....20....22 4:30....  
 1360....1180....20....22 5:30....1560....1150....20....22 6:30....1560....1125....20....16 7:30....1560....  
 1125....20....16 8:30....1560....1160....20....10 9:30....1560....1125....20....5 10:30....1555....1125....  
 20....5 11:30....1550....1125....20....5 12:30....1550....1125....20....5 1:30AM....1550....1125....20....  
 5 2:30....1525....1115....20....5 3:30....1490....1110....20....5 4:30....1470....1110....20....5 5:30....  
 1410....1100....20....2 6:30....1400....1100....20....2....GAS RATE 1.800 MCF/D, TOTAL WTR 310  
 BBLs, TOTAL LOAD TO REC 390 BBLs.

REPORT DATE : 12/16/98 MD : 8,020 TVD : 0 DAYS : MW : VISC :  
 DAILY : DC : \$0 CC : \$8,230 TC : \$8,230 CUM : DC : \$288,290 CC : \$183,100 TC : \$471,390

DAILY DETAILS : RU DOWELL TO 8 5/8-4 1/2 CSG ANN F/TOP FWN JOB. PMP 20 BBL LCM PILL. LEAD W/65 SX CL G W/ADD, WT 11.5, Y 3.18. TAIL W/190 SXS CL G W/ADD, WT 11.5, Y 3.16. FLUSH W/1 BBL H2O. ISIP 23 PSI, MP 75 PSI @ 3.8 BPM, AP 50 PSI @ 2.5 BPM. RD DOWELL & OPEN CSG VALVE ON VACCUM.

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.

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

1. TYPE OF WELL  
OIL WELL  GAS WELL  OTHER \_\_\_\_\_  
2. NAME OF OPERATOR:  
El Paso Production Oil & Gas Company

3. ADDRESS OF OPERATOR: 58 South 1200 East CITY Vernal STATE Utah ZIP 84078 PHONE NUMBER: 435-789-4433

4. LOCATION OF WELL  
FOOTAGES AT SURFACE: COUNTY:  
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: UTAH

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"/> COMINGLE 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 [Signature] DATE 06-15-01  
El Paso Production Oil & Gas Company  
NAME (PLEASE PRINT) John T. Elzner TITLE Vice President  
SIGNATURE [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 19 2001

DIVISION OF  
OIL, GAS AND MINING



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

0610204 8100

AUTHENTICATION: 1061007

010162788

DATE: 04-03-01

**CERTIFICATE OF AMENDMENT**

**OF**

**CERTIFICATE OF INCORPORATION**

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

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

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

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

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

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

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

COASTAL OIL & GAS CORPORATION

  
\_\_\_\_\_  
David L. Siddall  
Vice President

Attest:

  
\_\_\_\_\_  
Margaret E. Roark, Assistant Secretary

**RECEIVED**

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

JUN 19 2001

DIVISION OF  
OIL, GAS AND MINING



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

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

# RECEIVED

JUL 12 2001

DIVISION OF  
OIL, GAS AND MINING

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

JUL 10 2001.

### NOTICE

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

#### Name Change Recognized

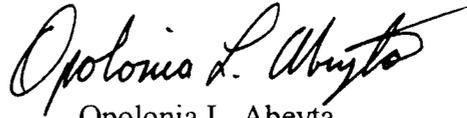
Acceptable evidence has been received in this office concerning the name change of Coastal Oil & Gas Corporation into El Paso Production Oil & Gas Company with El Paso Production Oil & Gas Company being the surviving entity.

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

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

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

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



Opolonia L. Abeyta  
Acting Chief, Branch of  
Minerals Adjudication

Enclosure

1. Exhibit of Leases (1 pp)

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

## Exhibit of Leases

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

**OPERATOR CHANGE WORKSHEET**

**ROUTING**

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

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

**X** Merger

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

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

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

**CA No.**

**Unit: NATURAL BUTTES**

**WELL(S)**

NAME	API NO	ENTITY NO	SEC TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
NBU CIGE 79D-1-10-21	43-047-30896	2900	01-10S-21E	STATE	GW	P
CIGE 107D-1-10-21	43-047-31747	2900	01-10S-21E	STATE	GW	P
CIGE 205-1-10-21	43-047-32795	2900	01-10S-21E	STATE	GW	P
CIGE 244-1-10-21	43-047-33209	2900	01-10S-21E	STATE	GW	P
CIGE 245-1-10-21	43-047-33210	2900	01-10S-21E	STATE	GW	P
UTE TRAIL U 88X-2G	43-047-15389	2900	02-10S-21E	STATE	GW	P
NBU CIGE 18-2-10-21	43-047-30471	2900	02-10S-21E	STATE	GW	P
NBU CIGE 80D-2-10-21	43-047-30853	2900	02-10S-21E	STATE	GW	P
CIGE 100D-2-10-21	43-047-31731	2900	02-10S-21E	STATE	GW	P
NBU 265	43-047-32796	2900	02-10S-21E	STATE	GW	P
<b>CIGE 224-2-10-21</b>	43-047-32883	2900	02-10S-21E	STATE	GW	P
CIGE 246-2-10-21	43-047-33687	99999	02-10S-21E	STATE	GW	APD
CIGE 81D-4-10-21	43-047-30854	2900	04-10S-21E	STATE	GW	S
CIGE 136-4-10-21	43-047-31979	2900	04-10S-21E	STATE	GW	S
NBU 28	43-047-30305	2900	13-10S-21E	STATE	GW	S
NBU 270	43-047-32862	2900	13-10S-21E	STATE	GW	P
NBU 333	43-047-33641	2900	13-10S-21E	STATE	GW	P
NBU CIGE 58-16-10-21	43-047-30532	2900	16-10S-21E	STATE	GW	S
NBU 62	43-047-30909	2900	16-10S-21E	STATE	GW	S
CIGE 140-16-10-21	43-047-31977	2900	16-10S-21E	STATE	GW	P

**OPERATOR CHANGES DOCUMENTATION**

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

5. If **NO**, the operator was contacted 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: N/A
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: 07/19/2001
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 07/19/2001
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.: 400JU0705

---

**FEDERAL BOND VERIFICATION:**

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

---

**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".**

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JAN. 17. 2003 3:34PM

STPORT

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  
Engineer Technician**

**Encl:**



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.

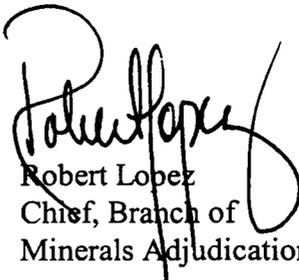
For our purposes, the name change is recognized effective December 31, 2001.

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)

# 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

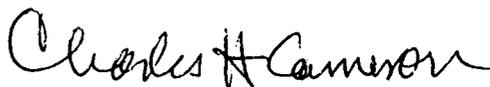
We have been advised of changes occurring with the operation of your database for Change of Operator. You will be modifying your records to reflect Change of Operator once you have received all necessary documentation from the companies involved, and perhaps in advance of our Notice of Concurrence/Approval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



IN REPLY REFER TO:  
Real Estate Services

## United States Department of the Interior

BUREAU OF INDIAN AFFAIRS  
Washington, D.C. 20240

FEB 10 2003

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,

A handwritten signature in black ink, appearing to read "Perry E. Brown".

Director, Office of Trust Responsibilities

ACTING

Enclosure



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

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

IN REPLY REFER TO  
UT-922

February 27, 2003

Westport Oil and Gas Company, L.P.  
Attn: Gary D. Williamson  
1670 Broadway, Suite 2800  
Denver, Colorado 80202

Re: Natural Buttes Unit  
Uintah County, Utah

Gentlemen:

On February 27, 2003, we received an indenture dated December 17, 2002, whereby El Paso Production Oil & Gas Company resigned as Unit Operator and Westport Oil and Gas Company, L.P., was designated as Successor Unit Operator for the Natural Buttes Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective February 27, 2003. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Natural Buttes Unit Agreement.

Your nationwide (Colorado) oil and gas bond No. 1203 will be used to cover all operations within the Natural Buttes Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Vernal (w/enclosure)  
SITLA  
Division of Oil, Gas & Mining  
Minerals Adjudication Group  
File - Natural Buttes Unit (w/enclosure)  
Agr. Sec. Chron  
Fluid Chron

UT922:TAThompson:tt:02/27/2003

RECEIVED

FEB 28 2003

DIV. OF OIL, GAS & MINING

**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.

		5. LEASE DESIGNATION AND SERIAL NUMBER:
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER: <b>Exhibit "A"</b>
2. NAME OF OPERATOR: <b>El Paso Production Oil &amp; Gas Company</b>		9. API NUMBER:
3. ADDRESS OF OPERATOR: <b>9 Greenway Plaza</b> CITY: <b>Houston</b> STATE: <b>TX</b> ZIP: <b>77064-0995</b>		PHONE NUMBER: <b>(832) 676-5933</b>
4. LOCATION OF WELL		10. FIELD AND POOL, OR WILDCAT:

FOOTAGES AT SURFACE: \_\_\_\_\_ COUNTY: \_\_\_\_\_

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: \_\_\_\_\_ STATE: **UTAH**

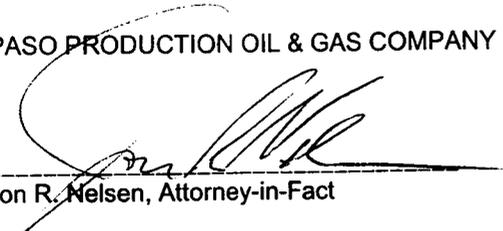
**11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> <b>NOTICE OF INTENT</b> (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"/> <b>SUBSEQUENT REPORT</b> (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

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

(This space for State use only)

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

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

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

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

10. Field and Pool, or Exploratory Area

11. County or Parish, State  
**UINTAH COUNTY, UT**

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well  
 Oil Well  Gas Well  Other

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**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**SEE ATTACHED EXHIBIT "A"**

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"/> 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
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<b>SUCCESSOR OF</b>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	<b>OPERATOR</b>

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration then. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and so on. 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

Date

**March 4, 2003**

BUREAU 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, makes 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: <b>12-17-02</b>	
<b>FROM: (Old Operator):</b>	<b>TO: ( New Operator):</b>
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:

NATURAL BUTTES

**WELL(S)**

NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
NBU 43N	26-10S-20E	43-047-30848	2900	FEDERAL	GW	S
NBU 397	26-10S-20E	43-047-34365	99999	FEDERAL	GW	APD
NBU CIGE 55-1-10-21	01-10S-21E	43-047-30512	2900	STATE	GW	P
NBU CIGE 79D-1-10-21	01-10S-21E	43-047-30896	2900	STATE	GW	P
CIGE 107D-1-10-21	01-10S-21E	43-047-31747	2900	STATE	GW	P
CIGE 205-1-10-21	01-10S-21E	43-047-32795	2900	STATE	GW	P
NBU 211	01-10S-21E	43-047-32339	2900	FEDERAL	GW	P
NBU 264	01-10S-21E	43-047-33000	2900	FEDERAL	GW	P
CIGE 244-1-10-21	01-10S-21E	43-047-33209	2900	STATE	GW	P
CIGE 245-1-10-21	01-10S-21E	43-047-33210	2900	STATE	GW	P
NBU 329	01-10S-21E	43-047-33227	2900	FEDERAL	GW	P
NBU 284	01-10S-21E	43-047-34792	99999	STATE	GW	APD
NBU 444	01-10S-21E	43-047-34796	99999	FEDERAL	GW	APD
NBU 71	01-10S-21E	43-047-31101	2900	FEDERAL	GW	PA
NBU 265	02-10S-21E	43-047-32796	2900	STATE	GW	P
CIGE 224-2-10-21	02-10S-21E	43-047-32883	2900	STATE	GW	P
CIGE 246-2-10-21	02-10S-21E	43-047-33687	99999	STATE	GW	APD
CIGE 100D-2-10-21	02-10S-21E	43-047-31731	2900	STATE	GW	P
UTE TRAIL U 88X-2G	02-10S-21E	43-047-15389	2900	STATE	GW	P
CIGE 10-2-22	02-10S-22E	43-047-30425	2900	STATE	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 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: N/A

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: 03/19/2003
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 03/19/2003
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:**

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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.

5. Lease Serial No.  
Multiple Wells - see attached

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.  
891008900A

8. Well Name and No.  
Multiple Wells - see attached

9. API Well No.  
Multiple Wells - see attached

10. Field and Pool, or Exploratory Area  
Natural Buttes Unit

11. County or Parish, State  
Uintah County, UT

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well  
 Oil Well  Gas Well  Other

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-

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Multiple Wells - see attached  
10S 21E 2 43 047 32883

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 type="checkbox"/> Other _____
	<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 recompleate 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 recompleation 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.

Westport Oil & Gas requests a variance to Onshore Order No. 4, Part III.C.a. requiring each sales tank be equipped with a pressure-vacuum thief hatch and/or vent line valve. The variance is requested as an economic analysis shows the value of the shrunk condensate will not payout the incremental cost of purchasing and maintaining the valve resulting in a loss of value over the producing life of the well.

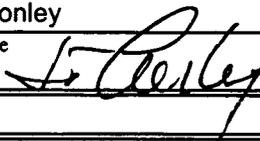
The volume lost to shrinkage by dropping the tank pressure from 6 ozs. to 0 psig is shown to be 0.3% of the tank volume. This was determined by lab analysis of a representative sample from the field. The sample shrunk from 98.82% of original volume to 98.52% when the pressure was dropped. The average NBU well produces approximately 6 bbls condensate per month. The resulting shrinkage would amount to 0.56 bbls per month lost volume due to shrinkage. The value of the shrunk and lost condensate does not recoup or payout the cost of installing and maintaining the valves and other devices that hold the positive tank pressure. An economic run based on the loss and costs is attached. Westport Oil & gas requests approval of this variance in order to increase the value of the well to the operator and the mineral royalty owners.

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

Name (Printed/Typed)

J.T. Conley

Signature



COPY SENT TO OPERATOR  
Date: 9-16-03  
Initials: JTD Date: 9-2-2003

Operations Manager

SEP 10 2003

DIV OF OIL GAS & MINING

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Accepted by the  
Utah Division of  
Oil, Gas and Mining

Federal Approval of This  
Action Is Necessary

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

Date: 9/16/03

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.

**Westport Oil & Gas, L.P.**

**Project Economics Worksheet**

Instructions: Fill in blue boxes with before and after project data. The evaluation results are shown below and graphed automatically at the bottom of the page. This sheet is protected to prevent accidental alteration of the formulas. See JTC for changes. OPX entered as annual costs and/or as unit OPX costs for \$/BF and \$/MCF

Project Name: **Condensate Shrinkage Economics**

Is this job a well pull or production rig job ??? **N** (Y or N)

	BEFORE \$/Year	AFTER \$/Year	DIFFERENCE \$/Year
Gross Oil Revenue	\$1,088	\$1,099	\$11
Gross Gas Revenue	\$0	\$0	\$0
NGL Revenue	\$0	\$0	\$0
PULLING UNIT SERVICE			\$0
WIRELINE SERVICE			\$0
SUBSURF EQUIP REPAIRS			\$0
COMPANY LABOR			\$0
CONTRACT LABOR	\$0	\$200	\$200
CONTR SERVICE			\$0
LEASE FUEL GAS	\$0	\$0	\$0
UTILITIES - ELECTRICITY	\$0	\$0	\$0
CHEMICAL TREATING			\$0
MATERIAL & SUPPLY	\$0	\$150	\$150
WATER & HAULING			\$0
ADMINISTRATIVE COSTS			\$0
GAS PLANT PROCESSING			\$0
<b>Totals</b>	<b>\$0</b>	<b>\$350</b>	<b>\$350</b>

**Increased OPX Per Year**

**Investment Breakdown:**

	Cap/Exp Code	Cost, \$
Capital \$	830/840	\$1,200
Expense \$	830/840	\$0
Total \$		\$1,200

Oil Price	\$ 23.00	\$/BO
Gas Price	\$ 3.10	\$/MCF
Electric Cost	\$ -	\$/ HP / day
OPX/BF	\$ 2.00	\$/BF
OPX/MCF	\$ 0.62	\$/MCF

**Production & OPX Detail:**

	Before	After	Difference
Oil Production	0.192 BOPD	0.194 BOPD	0.002 BOPD
Gas Production	0 MCFPD	0 MCFPD	0 MCFPD
Wtr Production	0 BWPD	0 BWPD	0 BWPD
Horse Power	0 HP	0 HP	0 HP
Fuel Gas Burned	0 MCFPD	0 MCFPD	0 MCFPD

**Project Life:**

Life = **20.0** Years  
(Life no longer than 20 years)

**Internal Rate of Return:**

After Tax IROR = **#DIV/0!**

**AT Cum Cashflow:**

Operating Cashflow = **(\$2,917)** (Discounted @ 10%)

**Payout Calculation:**

$$\text{Payout} = \frac{\text{Total Investment}}{\text{Sum(OPX + Incremental Revenue)}} = 1$$

Payout occurs when total AT cashflow equals investment  
See graph below, note years when cashflow reaches zero

Payout = **NEVER** Years or **#VALUE!** Days

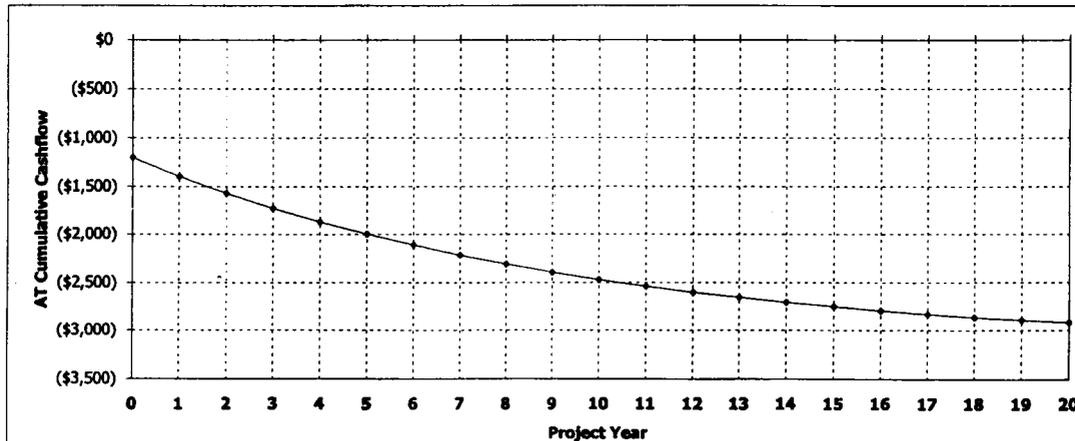
**Gross Reserves:**

Oil Reserves = **6** BO  
Gas Reserves = **0** MCF  
Gas Equiv Reserves = **38** MCFE

**Notes/Assumptions:**

**An average NWU well produces 0.192 Bcpd with no tank pressure. The production is increased to 0.194 Bcpd if 4 ozs of pressure are placed on the tank. The increased production does not payout the valve cost or the estimated annual maintenance costs.**

Project: Condensate Shrinkage Economics



**Westport Oil and Gas, Inc.**

**NBU/Ouray Field**

RFL 2003-022

**COMPARISON OF FLASH BACK PRESSURES**

Calculated by Characterized Equation-of-State

Flash Conditions		Gas/Oil Ratio (scf/STbbl) (A)	Specific Gravity of Flashed Gas (Air=1.000)	Separator Volume Factor (B)	Separator Volume Percent (C)
psig	°F				

**Calculated at Laboratory Flash Conditions**

80	70			1.019	
0	122	30.4	0.993	1.033	101.37%
0	60	0.0	—	1.000	98.14%

**Calculated Flash with Backpressure using Tuned EOS**

80	70			1.015	
6.0 oz	65	24.6	0.777	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
4.0 oz	65	24.7	0.778	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
2.0 oz	65	24.7	0.779	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
0	65	24.8	0.780	1.003	98.82%
0	60	0.0	—	1.000	98.52%

(A) Cubic Feet of gas at 14.696 psia and 60 °F per Barrel of Stock Tank Oil at 60 °F.

(B) Barrels of oil at indicated pressure and temperature per Barrel of Stock Tank Oil at 60 °F.

(C) Oil volume at indicated pressure and temperature as a percentage of original saturated oil volume.

Note: Bubblepoint of sample in original sample container was 80 psig at 70° F with 1 cc water

WELL	LEGALS	STFLEASENO	CANUMBER	APINO
CIGE 172	25-9-21 SWNE	U01189	891008900A	430473232500S1 ✓
CIGE 173	32-9-22 SWNW	ML22649	891008900A	430473232400S1 ✓
CIGE 174	33-9-22 NESW	UTU01191A	891008900A	430473232300S1
CIGE 177	1-10-20 NENW	UTU02270A	891008900A	430473232200S1
CIGE 178	5-10-22 NWNW	UTU01195	891008900A	430473233000S1
CIGE 179	6-10-22 SESW	UTU01195	891008900A	430473240000S1
CIGE 180	16-9-21 SESW	ML3141	891008900A	430473247800S1
CIGE 182	7-10-21 SESE	UTU02270A	891008900A	430473248100S1
CIGE 183	20-9-21 NWSE	UTU0575	891008900A	430473265600S1
CIGE 186	35-9-22 NWSE	UTU010954A	891008900A	430473259000S1
CIGE 187	13-10-20 NENW	UTU4485	891008900A	430473260700S1
CIGE 189	29-9-22 SWNW	UTU462	891008900A	430473286300S1
CIGE 190	32-9-22 NENE	ML22649	891008900A	430473291200S1
CIGE 193	35-9-22 SESE	UTU010954A	891008900A	430473297300S1
CIGE 194	1-10-22 SWNW	U011336	891008900A	430473293200S1
CIGE 195	2-10-22 NWNE	ML22651	891008900A	430473279700S1 ✓
CIGE 196	6-10-22 SESE	UTU01195	891008900A	430473300300S1
CIGE 197	7-9-21 NWNE	UTU0149767	891008900A	430473279800S1
CIGE 198	9-9-21 NESE	UTU01188	891008900A	430473279900S1
CIGE 199	14-9-21 NENW	UTU01193	891008900A	430473280100S1
CIGE 200	16-9-21 SENW	UTU38409	891008900A	430473280200S1
CIGE 201	18-9-21 SENE	UTU0575	891008900A	430473280400S1
CIGE 202	21-9-21 SESE	UTU0576	891008900A	430473280500S1
CIGE 203	34-9-21 NWNE	UTU01194A	891008900A	430473288100S1 ✓
CIGE 204	35-9-21 SWNE	ML22582	891008900A	430473279400S1 ✓
CIGE 205	1-10-21 SWNE	ML23612	891008900A	430473279500S1 ✓
CIGE 206	4-10-21 SESE	U01416	891008900A	430473299600S1
CIGE 207	8-10-21 NENE	UTU01791	891008900A	430473297500S1
CIGE 208	8-10-21 SWNE	UTU01791	891008900A	430473299700S1
CIGE 209	15-10-21 NENW	UTU01791A	891008900A	430473294300S1
CIGE 210	16-10-21 NESE	ML10755	891008900A	430473288800S1
CIGE 212	34-9-22 NENE	UTU0149077	891008900A	430473293800S1
CIGE 213	33-9-22 SENW	UTU01191A	891008900A	430473293300S1
CIGE 214	13-9-21 NESW	U01193	891008900A	430473291800S1
CIGE 215X	15-9-21 NENE	UTU01188	891008900A	430473369000S1
CIGE 216	15-9-21 SWNE	UTU01193	891008900A	430473292000S1
CIGE 217	16-9-21 NWSW	ML3141	891008900A	430473289800S1
CIGE 218	19-9-21 NWNE	U0581	891008900A	430473292100S1
CIGE 219	29-9-22 NESW	U01207	891008900A	430473286400S1 ✓
CIGE 220	31-9-22 SWNE	U10530A	891008900A	430473288400S1 ✓
CIGE 221	36-9-22 SWSW	ML22650	891008900A	430473286800S1 ✓
CIGE 222	36-9-22 NESW	ML22650	891008900A	430473286900S1 ✓
CIGE 223	1-10-22 NWNW	U011336	891008900A	430473298300S1
CIGE 224	2-10-21 SWNE	ML2252	891008900A	430473288300S1 ✓
CIGE 225	3-10-21 SENW	UTU0149078	891008900A	430473489500S1
CIGE 226	3-10-21 SESW	U0149078	891008900A	430473299500S1
CIGE 227	9-10-21 SESE	UTU01791	891008900A	430473299800S1
CIGE 228	15-10-21 SWNE	UTU01416A	891008900A	430473299900S1
CIGE 229	1-10-20 NWSW	UTU02270A	891008900A	430473300600S1
CIGE 230	13-10-20 SENE	UTU02270A	891008900A	430473288500S1
CIGE 231	7-9-21 SENE	UTU0575B	891008900A	430473302100S1
CIGE 232	9-9-21 NENE	UTU01188A	891008900A	430473283600S1
CIGE 233	21-9-21 NWNE	UTU0576	891008900A	430473302200S1
CIGE 234	25-9-21 SWNE	U01189	891008900A	430473287300S1 ✓
CIGE 235	25-9-21 NWSE	U01194	891008900A	430473285800S1 ✓
CIGE 236	34-9-21 SESE	U01194A	891008900A	430473286100S1 ✓
CIGE 237	15-9-21 NWSE	UTU010950A	891008900A	430473387800S1
CIGE 239	35-9-21 SENE	ML22582	891008900A	430473320600S1 ✓
CIGE 240	29-9-22 SENW	ML22935	891008900A	430473320700S1
CIGE 241	32-9-22 NENW	ML22649	891008900A	430473320800S1
CIGE 242	33-9-22 NWNW	UTU01191A	891008900A	430473402200S1
CIGE 244	1-10-21 NENW	ML23612	891008900A	430473320900S1 ✓
CIGE 245	1-10-21 SENE	ML23612	891008900A	430473321000S1 ✓
CIGE 246	2-10-21 NENW	ML-22652	891008900A	430473368700S1
CIGE 247	16-10-21 SWSE	ML10755	891008900A	430473363900S1
CIGE 248	21-10-21 NWSW	U02278	891008900A	430473322600S1
CIGE 249	8-10-22 NWNW	UTU466	891008900A	430473402300S1
CIGE 250	8-10-22 NESE	UTU01196E	891008900A	430473374300S1
CIGE 251	15-10-21 SWNW	UTU01791A	891008900A	430473372000S1
CIGE 252	21-10-21 SENW	UTU02278	891008900A	430473372100S1
CIGE 253	21-10-21 SESW	UTU02278	891008900A	430473372200S1
CIGE 254	9-10-21 NWNE	UTU01416	891008900A	430473372300S1
CIGE 255	7-9-21 SESE	UTU0575B	891008900A	430473397000S1
CIGE 256	9-9-21 SWNE	UTU01188A	891008900A	430473397100S1
CIGE 257	18-9-21 LOT 2	U0581	891008900A	430473486600S1 ✓

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. DJJ
2. CDW

**X Change of Operator (Well Sold)**

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective: 1/6/2006

<b>FROM:</b> (Old Operator): N2115-Westport Oil & Gas Co., LP 1368 South 1200 East Vernal, UT 84078 Phone: 1-(435) 781-7024	<b>TO:</b> ( New Operator): N2995-Kerr-McGee Oil & Gas Onshore, LP 1368 South 1200 East Vernal, UT 84078 Phone: 1-(435) 781-7024
---	--

WELL NAME	CA No.	Unit:	NATURAL BUTTES UNIT					
	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 5/10/2006
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/10/2006
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/7/2006
- Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
- If **NO**, the operator was contacted on:
- (R649-9-2) Waste Management Plan has been received on: IN PLACE
- Inspections of LA PA state/fee well sites complete on: n/a 3 LA wells & all PA wells transferred
- Reports current for Production/Disposition & Sundries on: ok

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: BLM 3/27/2006 BIA not yet

7. **Federal and Indian Units:**  
 The BLM or BIA has approved the successor of unit operator for wells listed on: 3/27/2006

8. **Federal and Indian Communization Agreements ("CA"):**  
 The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

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:

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 5/15/2006
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 5/15/2006
- Bond information entered in RBDMS on: 5/15/2006
- Fee/State wells attached to bond in RBDMS on: 5/16/2006
- Injection Projects to new operator in RBDMS on: \_\_\_\_\_
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a Name Change Only

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: CO1203
- Indian well(s) covered by Bond Number: RLB0005239
- (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB0005236
- The **FORMER** operator has requested a release of liability from their bond on: n/a rider added KMG  
 The Division sent response by letter on: \_\_\_\_\_

**LEASE INTEREST OWNER NOTIFICATION:**

- (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: 5/16/2006

**COMMENTS:**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**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.*

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
**KERR-McGEE OIL & GAS ONSHORE LP**

3a. Address  
**1368 SOUTH 1200 EAST VERNAL, UT 84078**

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

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

5. Lease Serial No.  
**MULTIPLE LEASES**

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
**MUTIPLE WELLS**

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State  
**UINTAH COUNTY, UTAH**

**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 checked="" 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 <b>CHANGE OF OPERATOR</b>

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.

PLEASE BE ADVISED THAT KERR-McGEE OIL & GAS ONSHORE LP, IS CONSIDERED TO BE THE OPERATOR OF THE ATTACHED WELL LOCATIONS. EFFECTIVE JANUARY 6, 2006. KERR-McGEE OIL & GAS ONSHORE LP, IS RESPONSIBLE UNDER TERMS AND CONDITIONS OF THE LEASE(S) FOR THE OPERATIONS CONDUCTED UPON LEASE LANDS. BOND COVERAGE IS PROVIDED BY STATE OF UTAH NATIONWIDE BOND NO. RLB0005237.

**RECEIVED**

**MAY 10 2006**

DIV. OF OIL, GAS & MINING

*BLM BOND = C01203  
BIA BOND = RLB0005239*

**APPROVED 5/16/06**

*Earlene Russell*  
**Division of Oil, Gas and Mining**  
**Earlene Russell, Engineering Technician**

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

Name (Printed/Typed)  
**RANDY BAYNE**

Signature  
*Randy Bayne*

Title  
**DRILLING MANAGER**

Date  
**May 9, 2006**

**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.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**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.*

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well  
 Oil Well  Gas Well  Other

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

3a. Address  
**1368 SOUTH 1200 EAST VERNAL, UT 84078**

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

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

5. Lease Serial No.  
**MULTIPLE LEASES**

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
**MUTIPLE WELLS**

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State  
**UINTAH COUNTY, UTAH**

**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 checked="" 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 <b>CHANGE OF OPERATOR</b>

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.

EFFECTIVE JANUARY 6, 2006, WESTPORT OIL & GAS COMPANY L.P., HAS RELINQUISHED THE OPERATORSHIP OF THE ATTACHED WELL LOCATIONS TO KERR-McGEE OIL & GAS ONSHORE LP.

**APPROVED** 5/16/06  
*Earlene Russell*  
 Division of Oil, Gas and Mining  
 Earlene Russell, Engineering Technician

RECEIVED  
 MAY 10 2006  
 DIV. OF OIL, GAS & MINING

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

Name (Printed/Typed) <b>BRAD LANEY</b>	Title <b>ENGINEERING SPECIALIST</b>
Signature <i>Brad Laney</i>	Date <b>May 9, 2006</b>

**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by <i>Brad Laney</i>	Title	Date <b>5-9-06</b>
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.



GARY R. HERBERT  
Governor

SPENCER J. COX  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

September 4, 2014

CERTIFIED MAIL NO.: 7011 2970 0001 8828 1634

43 047 32883  
UGE 224  
2 105 21E

Mr. Andy Lytle  
Kerr-McGee Oil and Gas Onshore  
1099 18<sup>TH</sup> Street  
Denver, CO 80202

Subject: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases

Dear Mr. Lytle:

As of April 2014, Kerr-McGee Oil and Gas Onshore (Kerr-McGee) has nineteen (19) State Lease Wells and one (1) Fee Lease Well (see attachment A) that are currently in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status. Thirteen (13) wells were added to Kerr-McGee's SI/TA list in 2014.

Seven (7) of these wells (attachment A) have previously been issued notices of non-compliance and have remained in non-compliance. Three (3) of these wells (attachment A) have been shut-in beyond five (5) years and are cause for concern due to unknown status of well integrity. The Division acknowledges that Kerr-McGee has plans to plug two (2) of the wells listed (attachment A) and has approved plugging procedures.

Kerr-McGee shall submit plans for each well stating which wells will be plugged with accompanying procedures, placed back on production, or requesting SI/TA extension with proof of wellbore integrity and good cause for such request. All wells need an individual sundry filed and are required to meet the SI/TA rules as listed below.



Wells SI/TA beyond twelve (12) consecutive months requires filing a Sundry Notice (R649-3-36-1). Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (649-3-36-1.3.3). For extended SI/TA consideration the operator shall provide the Utah Division of Oil, Gas & Mining with the following:

1. Reasons for SI/TA of the well (R649-3-36-1.1)
2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).

Please note that the Divisions preferred method for showing well integrity is by MIT

Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. **Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).**

1. Wellbore diagram, and
2. Copy of recent casing pressure test, and
3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
4. Fluid level in the wellbore, and
5. An explanation of how the submitted information proves integrity.

If the required information is not received within 30 days of the date of this notice, further actions may be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,



Dustin K. Doucet  
Petroleum Engineer

# ATTACHMENT A

	Well Name	API	LEASE	Years Inactive	Prior Notice
1	BONANZA 1023-16J	43-047-37092	ML-22186-A	7 years 1 month	2 <sup>ND</sup> NOTICE
2	NBU 921-34L	43-047-36388	STUO-1194-A	5 years	2 <sup>ND</sup> NOTICE
3	CIGE 79D	43-047-30896	ML-23612	4 years 4 months	2 <sup>ND</sup> NOTICE
4	NBU 921-33J (will PA 6/2/14)	43-047-36394	STUO-015630	5 years 2 months	2 <sup>ND</sup> NOTICE
5	CIGE 3-32-9-22	43-047-30320	ML-22649	3 years 11 months	1 <sup>ST</sup> NOTICE
6	NBU 31-12B	43-047-30385	ML-01197-A	2 years 10 months	1 <sup>ST</sup> NOTICE
7	NBU 69N2	43-047-31090	U-01194-ST	3 years 3 months	1 <sup>ST</sup> NOTICE
8	BONANZA 1023-20	43-047-35662	ML-47062	1 year 1 month	
9	CIGE 140	43-047-31977	ML-10755	1 year	
→ 10	CIGE 224	43-047-32883	ML-2252	1 year	
11	CIGE 239	43-047-33206	ML-22582	1 year 6 months	
12	CIGE 284	43-047-34792	ML-23612	1 year 2 months	
13	CIGE 5	43-047-30335	U01207A-ST	1 year 3 months	
14	HALL ET AL 31 18	43-047-30664	FEE	1 year 1 month	
15	MORGAN STATE 13-36	43-047-32817	ML-22265	1 year 11 months	
16	NBU 1021-16G	43-047-35111	ML-10755	1 year 4 months	
17	NBU 562-19E (will PA 5/23/14)	43-047-37536	ML-22792	1 year	
18	STATE 1022-32I	43-047-35648	ML-22798	1 year 2 months	
19	TRIBAL 31-60	43-047-33340	ML-28048	1 year 2 months	
20	WONSITS ST 2-32	43-047-32819	ML-47780	1 year	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  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.	5. LEASE DESIGNATION AND SERIAL NUMBER: ML-2252
1. TYPE OF WELL Gas Well	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	8. WELL NAME and NUMBER: CIGE 224
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2035 FNL 2595 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 02 Township: 10.0S Range: 21.0E Meridian: S	9. API NUMBER: 43047328830000
PHONE NUMBER: 720 929-6100	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
COUNTY: Uintah	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 10/1/2014	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

KERR-MCGEE OIL & GAS ONSHORE, L.P. IS REQUESTING TO  
 PLUG AND ABANDON THE SUBJECT WELL. SEE ATTACHED  
 PROCEDURES.

Approved by the  
 Utah Division of  
 Oil, Gas and Mining

Date: October 15, 2014  
 By: *Doreen Green*

Please Review Attached Conditions of Approval

NAME (PLEASE PRINT) Doreen Green	PHONE NUMBER 435 781-9758	TITLE Regulatory Analyst II
SIGNATURE N/A	DATE 10/1/2014	



**The Utah Division of Oil, Gas, and Mining**

- State of Utah  
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

**Sundry Conditions of Approval Well Number 43047328830000**

- 1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338.**
- 2. Add Plug #1A: A CIBP shall be set @  $\pm 7536'$  and a 100' cement plug ( $\pm 8$  sx) shall be spotted on top from  $\pm 7536'$  to  $7426'$ . This will isolate the Mesaverde perms as required by R649-3-24-3.2.**
- 3. Move Plug #3: Plug should be moved downhole  $\pm 500'$  and a 200' cement plug ( $\pm 16$  sx) shall be balanced from  $\pm 2800'$  to  $2600'$ . This will isolate the base of the Parachute Creek member of the Green River formation as required by Board Cause No. 190-5(B).**
- 4. All balanced plugs shall be tagged to ensure that they are at the depth specified.**
- 5. All annuli shall be cemented from a minimum depth of 100' to the surface.**
- 6. The interval between plugs shall be filled with noncorrosive fluid of adequate density to prevent migration of formation water into or through the well bore (R649-3-24-3.5).**
- 7. Surface reclamation shall be done in accordance with R649-3-34 – Well Site Restoration.**
- 8. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.**
- 9. If there are any changes to the procedure or the wellbore configuration, notify Dustin Doucet at 801-538-5281 (ofc) or 801-733-0983 (home) prior to continuing with the procedure.**
- 10. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.**

10/9/2014

# Wellbore Diagram

r263

**API Well No:** 43-047-32883-00-00 **Permit No:** **Well Name/No:** CIGE 224  
**Company Name:** KERR-MCGEE OIL & GAS ONSHORE, L.P.  
**Location:** Sec: 2 T: 10S R: 21E Spot: SWNE  
**Coordinates:** X: 626470 Y: 4426543  
**Field Name:** NATURAL BUTTES  
**County Name:** Uintah

### String Information

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)	l/Cu
HOL1	266	11.25			
SURF	266	8.625 x 4 1/2"	24 (0.2471)	4.046	
HOL2	8042	7.875 x 4 1/2"	w/10% (0.2453)	3.3865	
PROD	8042	4.5	11.6 (0.0872)	11.459	

Plug # 5

ANNULUS: 4 1/2" x 7 7/8" 1536' / (1.15 x 0.2453) = 3945x  
 4 1/2" x 8 5/8" 266' / (1.15 x 0.2471) = 575x  
 INSIDE: 300' / (1.15 x 0.0872) = 235x

474 sx Req  
 TOC @ SFC

### Cement Information

String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
PROD	8042	1802	50	1440
PROD	8042	1802	UK	610
SURF	266	0	G	100

Plug # 4

(37.32sx) x (1.15) x (11.459) = 490'  
 TOC @ 1500'  
 V.O.K.

### Perforation Information

Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Squeeze
5341	6660			
7586	8010			

Amend Plug # 3

(16sx) x (1.15) x (11.459) = 211'  
 \* move to isolate PARCK @ 2700' ±  
 TOC @ 2590'  
 V.O.K.

### Formation Information

Formation	Depth
UNTA	0
GRRV	1610
BMSW	1886
MHGBN	2188
WSTC	4669'
MVRD	7520
BIRDS	1706

Plug # 2

(16sx) x (1.15) x (11.459) = 211'  
 TOC @ 4560'  
 V.O.K.

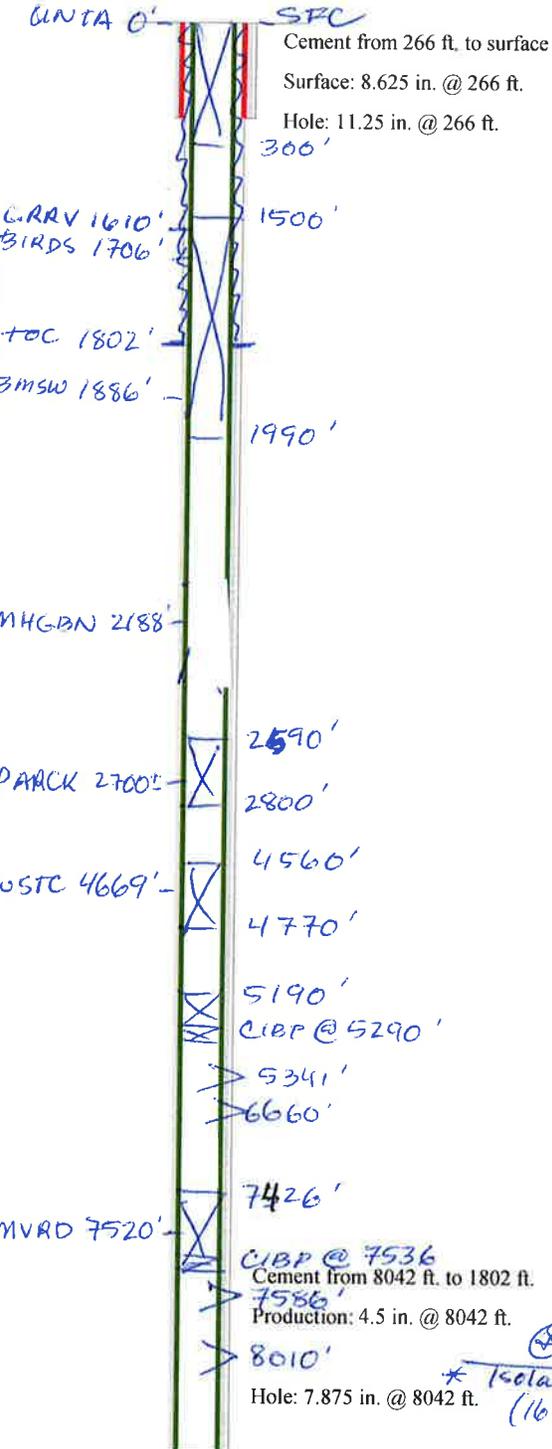
Add Plug # 1A

\* Isolate MVRD; SET CIBP @ 7536  
 (16sx) x (1.15) x (11.459) = 211' TOC @ 7326

8sx (100') OK ✓

Plug # 1

(7.62) x (1.15) x (11.459) = 100'  
 TOC @ 5190'  
 V.O.K.



TD: 8042 TVD: 8042 PBD: 8020

**CIGE 224**  
**2595' FEL & 2035' FNL**  
**SWNE SEC. 2, T10S, R21E**  
**Uintah County, UT**

**KBE:** 5136'  
**GLE:** 5126'  
**TD:** 8042'  
**PBTD:** 8017'

**API NUMBER:** 4304732883  
**LEASE NUMBER:** STML-2252  
**LAT/LONG:** 39.979638/-109.519012

**CASING :** 11 ¼" hole  
 8.625" 24# K-55 @ 262'  
 Cmt w/ 100 sx class G

7.875" hole  
 4.5" 11.6# J-55 @ 8042'  
 TOC @ ~1802' per CBL

**PERFORATIONS:** Wasatch 5341' - 6660'  
 Mesaverde 7586' - 8010'

**TUBING:** 2 3/8" 4.7# J-55 tbg at 7594', per completion report dated 12/2/98.

Tubular/Borehole	Drift inches	Collapse psi	Burst psi	Capacities		
				Gal./ft.	Cuft./ft.	Bbl./ft.
2.375" 4.7# J-55 tbg.	1.901	8100	7700	0.1624	0.02171	0.00387
4.5" 11.6# J/K-55	3.875	4960	5350	0.6528	0.0872	0.0155
8.625" 24# J-55	8.097	1370	2950	2.6749	0.3537	0.0636
Annular Capacities						
2.3/8" tbg. X 4 ½" 17# csg				0.4226	0.0565	0.01
4.5" csg X 8 5/8" 24# csg				1.8487	0.2471	0.044
4.5" csg X 7 7/8 borehole				1.704	0.2278	0.0406
8.5/8" csg X 11 1/4" borehole				1.9026	0.2543	0.0453

**GEOLOGIC INFORMATION:**

Formation	Depth to top, ft.
Uinta	Surface
Green River	1610'
Birds Nest	1706'
Mahogany	2188'
Wasatch	4669'
Mesaverde	7381'

**Tech. Pub. #92 Base of USDW's**

USDW Elevation ~3250' MSL  
 USDW Depth ~1886' KBE

## CIGE 224 PLUG & ABANDONMENT PROCEDURE

### GENERAL

- H<sub>2</sub>S MAY BE PRESENT. CHECK FOR H<sub>2</sub>S AND TAKE APPROPRIATE PRECAUTIONS.
- CEMENT QUANTITIES BELOW ASSUME NEAT CLASS G, YIELD 1.145 CUFT./SX. IF A DIFFERENT PRODUCT IS USED, WELLSITE PERSONNEL ARE RESPONSIBLE FOR CORRECTING QUANTITIES TO YIELD THE STATED SLURRY VOLUME. WHEN SQUEEZING, INCLUDE 10% EXCESS PER 1000' OF DEPTH.
- TREATED FRESH WATER WILL BE PLACED BETWEEN ALL PLUGS INSTEAD OF BRINE.
- ALL DISPLACEMENT FLUID SHALL CONTAIN CORROSION INHIBITOR AND BIOCIDES. PREMIX 5 GALLONS PER 100 BBLs FLUID.
- NOTIFY APPROPRIATE AGENCY 24 HOURS BEFORE MOVING ON LOCATION.
- A GPS READING WILL NEED TO BE TAKEN AT THE WELL SITE AND RECORDED IN OPENWELLS. PLEASE TAKE IT TO THE 6TH DECIMAL PLACE.

### PROCEDURE

**Note:** Approx. **489 sx** Class "G" cement needed for procedure & **(1) 4.5" CIBP**

**Note:** No gyro survey on record for this wellbore.

1. A GPS READING WILL NEED TO BE TAKEN AT THE WELL SITE AND RECORDED IN OPENWELLS. PLEASE TAKE IT TO THE 6TH DECIMAL PLACE.
2. MIRU. KILL WELL AS NEEDED. ND WH, NU AND TEST BOPE.
3. POOH W/ TBG & L/D SAME. RU WIRELINE AND MAKE A GAUGE RING RUN TO CHECK FOR FILL. RUN GYRO SURVEY.
4. **PLUG #1, ISOLATE WASATCH/MESAVERDE PERFORATIONS (5341' - 6660' and 7586' - 8010'):** RIH W/ 4 ½" CIBP. SET @ ~5290'. RELEASE CIBP, PUH 10', BRK CIRC W/ FRESH WATER. RELEASE CIBP, PUH 10', BRK CIRC W/ TREATED FRESH WATER. DISPLACE A MINIMUM OF **8.72 CUFT / 1.6 BBL / ~7.62 SX** ON TOP OF PLUG. PUH ABOVE TOC (~5190'). REVERSE CIRCULATE W/ TREATED WATER (~6.52 BBLs).
5. **PLUG #2, PROTECT TOP OF WASATCH (4669'):** PUH TO ~4770'. BRK CIRC W/ FRESH WATER. DISPLACE **18.31 CUFT / 3.3 BBL / ~16 SX** AND BALANCE PLUG W/ TOC @ ~4560' (210' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ TREATED WATER (~35.3 BBLs).
6. **PLUG #3, PROTECT BASE OF MAHOGANY (2188'):** PUH TO ~2290'. BRK CIRC W/ FRESH WATER. DISPLACE **18.31 CUFT / 3.3 BBL / ~16 SX** AND BALANCE PLUG W/ TOC @ ~2080' (210' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ TREATED WATER (~4.66 BBLs).
7. **PLUG #4, PROTECT TOP OF USDW (1886'), TOP OF BIRD'S NEST (~1706') & TOP OF GREEN RIVER (1610'):** PUH TO ~1990'. BRK CIRC W/ FRESH WATER. DISPLACE **42.73 CUFT / 7.61 BBL / ~37.32 SX** AND BALANCE PLUG W/ TOC @ ~1500' (190' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ TREATED WATER (~23.3 BBLs).
8. **PLUG #5, FILL SURFACE HOLE & ANNULUS:** POOH. HOOK UP 1" PIPE AND PUMP **471.43 CUFT / 84.0 BBL / ~411.73 SX** OR SUFFICIENT VOLUME TO FILL 4 ½" CASING F/ 300' TO SURFACE AND 4.5" X 8.625" ANNULUS F/ 1802' TO SURFACE.
9. CUT OFF WELLHEAD AND INSTALL MARKER PER REGULATIONS.
10. RDMO. TURN OVER TO OPERATIONS FOR SURFACE REHAB. SURFACE RECLAMATION TO BE PERFORMED IN ACCORDANCE TO REGULATIONS.

MJD 9/29/2014

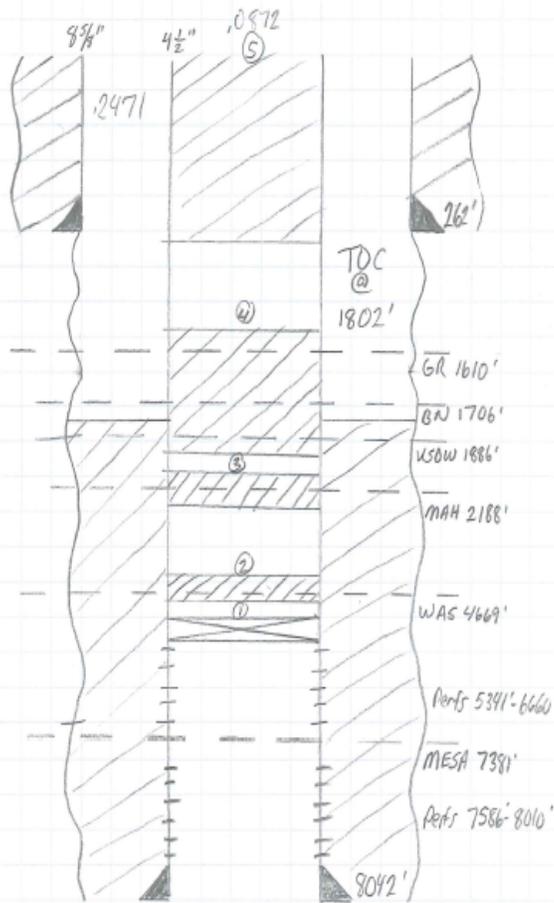


PROJECT COMPUTATIONS

NO. \_\_\_\_\_ OF \_\_\_\_\_ SHEETS

DATE \_\_\_\_\_ PROJECT CIGE 224 JOB NO. \_\_\_\_\_

BY \_\_\_\_\_ CHK.: \_\_\_\_\_ SUBJECT \_\_\_\_\_



- ① CIBP @ 5290'  
CMT to 5190'  
 $(5290 - 5190)(.0872) = 8.72 \text{ ft}^3 = 7.62 \text{ sx}$
  - ② CMT 4770' - 4560'  
 $(4770 - 4560)(.0872) = 18.31 \text{ ft}^3 = 16.00 \text{ sx}$
  - ③ CMT 2290' - 2080'  
 $(2290 - 2080)(.0872) = 18.31 \text{ ft}^3 = 16.00 \text{ sx}$
  - ④ CMT 1990' - 1500'  
 $(1990 - 1500)(.0872) = 42.73 \text{ ft}^3 = 37.32 \text{ sx}$
  - ⑤ CMT 300' - surface  $(300)(.0872) = 26.16 \text{ ft}^3 = 22.85 \text{ sx}$   
CMT 1802' - surface  $(1802)(.247) = 445.27 \text{ ft}^3 = 388.89 \text{ sx}$
- $471.93 \text{ ft}^3 = 411.73 \text{ sx}$



October 2, 2014

State of Utah  
Division of Oil, Gas and Mining  
1594 West North Temple  
Ste. 1210  
Salt Lake City, UT 84116

RECEIVED  
OCT 09 2014  
DIV. OF OIL, GAS & MINING

**ATTENTION: Dustin Doucet**

RE: Extended Shut-in and Temporarily Abandoned Well Requirements for Fee or State Leases- UDOGM letter dated September 4, 2014

Dear Mr. Doucet,

We are in receipt of your letter dated September 4, 2014 regarding the shut-in and temporarily abandoned status of wells operated by Kerr-McGee Oil and Gas Onshore. All required sundry notices have been filed as requested in the letter. Some wells documented in the letter previously had Plug and Abandonment procedures and notice of intent sundry notices submitted. Anadarko intends to Plug and Abandon the applicable wells by the end of the first quarter-2015.

The attached list explains the current well statuses and go forward plans for each well documented in the September 4, 2014 letter.

Should you have any additional questions or concerns, please don't hesitate to contact me direct at (720) 929-6100 or via email at [andy.lytle@anadarko.com](mailto:andy.lytle@anadarko.com).

Sincerely,

A handwritten signature in black ink, appearing to be "A. Lytle", written over a white background.

Andy Lytle  
Regulatory Supervisor

WELL NAME	API	LEASE	YEARS INACTIVE	PRIOR NOTICE	COMMENTS
BONANZA 1023-16J	4304737092	ML22186A	7 YEARS 1 MONTH	2ND NOTICE	PA NOI Sundry submitted 10/03/2014.
NBU 921-34L	4304736388	STUO1194A	5 YEARS	2ND NOTICE	Sundry submitted 09/16/2014 for the conversion to a monitor well (Not previously reported in 2012) and yearly status for a monitor well.
CIGE 79D	4304730896	ML23612	4 YEARS 4 MONTHS	2ND NOTICE	Sundry submitted 09/16/2014, yearly status for a monitor well.
NBU 921-33J	4304736394	STUO015630	5 YEARS 2 MONTHS	2ND NOTICE	PA Sundry approved 07/09/2014, on rig schedule for week of October 6-2014.
CIGE 3-32-9-22	4304730320	ML22649	3 YEARS 11 MONTHS	1ST NOTICE	PA Sundry approved 08/07/2012, on rig schedule for week of October 6-2014.
NBU 31-12B	4304730385	ML01197A	2 YEARS 10 MONTHS	1ST NOTICE	PA Sundry approved 07/23/2013, on rig schedule for week of October 6-2014.
NBU 69N2	4304731090	U01194ST	3 YEARS 3 MONTHS	1ST NOTICE	PA NOI Sundry submitted 10/03/2014.
BONANZA 1023-20	4304735662	ML47062	1 YEAR 1 MONTH		Return to Production sundry submitted 10/03/2014. Producing since 04/25/2014, production accounting has been reporting production to UDOGM as of April 2014.
CIGE 140	4304731977	ML10755	1 YEAR		PA NOI Sundry submitted 10/02/2014.
CIGE 224	4304732883	ML2252	1 YEAR		PA NOI Sundry submitted 10/01/2014.
CIGE 239	4304733206	ML22582	1 YEAR 6 MONTHS		Return to Production sundry submitted 10/03/2014. Producing since 06/14/2014, production accounting has been reporting production to UDOGM as of June 2014.
CIGE 284	4304734792	ML23612	1 YEAR 2 MONTHS		Return to Production sundry submitted 10/03/2014. Producing since 03/29/2014, production accounting has been reporting production to UDOGM as of March 2014.
CIGE 5	4304730335	U01207AST	1 YEAR 3 MONTHS		Sundry submitted 10/03/2014. This well is currently surface commingled with the NBU 922-31JT-1T meter. The well was mistakenly made in-active, therefore production was not allocating. The well has been made active and is presently allocating. 12/17/2009 a sundry for surface commingling was approved by UDOGM.
HALL ET AL 31 18	4304730664	FEE	1 YEAR 1 MONTH		PA NOI Sundry submitted 09/30/2014.
MORGAN STATE 13-36	4304732817	ML22265	1 YEAR 11 MONTHS		PA NOI Sundry submitted 09/30/2014.
NBU 1021-16G	4304735111	ML10755	1 YEAR 4 MONTHS		PA NOI Sundry submitted 10/03/2014.
NBU 562-19E	4304737536	ML22792	1 YEAR		PA Sundry approved 07/09/2014, on rig schedule for week of October 6-2014.
STATE 1022-32I	4304735648	ML22798	1 YEAR 2 MONTHS		PA NOI Sundry submitted 09/30/2014.
TRIBAL 31-60	4304733340	ML28048	1 YEAR 2 MONTHS		Return to Production sundry submitted 10/03/2014. A new meter installed 09/30/2014, well is currently intermitting.
WONSITS ST 2-32	4304732819	ML47780	1 YEAR		PA NOI Sundry submitted 10/01/2014.

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  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.	5. LEASE DESIGNATION AND SERIAL NUMBER: ML-2252
1. TYPE OF WELL Gas Well	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	8. WELL NAME and NUMBER: CIGE 224
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2035 FNL 2595 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 02 Township: 10.0S Range: 21.0E Meridian: S	9. API NUMBER: 43047328830000
PHONE NUMBER: 720 929-6100	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
	COUNTY: UINTAH
	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 Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 11/14/2014	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

In reference to the UDOGM letter dated 09/04/2014 for Extended Shut-in and Temporarily Abandoned Well Requirements, the CIGE 224 has been plugged and abandoned. Please see the attached operations summary report for details. Surface reclamation shall be done in accordance with R649-3-34. Thank you.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 December 03, 2014

NAME (PLEASE PRINT) Kristina Geno	PHONE NUMBER 720 929-6824	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 12/2/2014	

US ROCKIES REGION  
**Operation Summary Report**

Well: CIGE 224

Spud date: 11/23/1998

Project: UTAH-UINTAH

Site: CIGE 224

Rig name no.: MILES 2/2

Event: ABANDONMENT

Start date: 10/21/2014

End date: 11/14/2014

Active datum: RKB @0.00usft (above Mean Sea Level)

UWI: CIGE 224

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
11/10/2014	7:00 - 7:15	0.25	ABANDP	48		P		HSM, JSA
	7:15 - 10:30	3.25	ABANDP	30	A	P		MIRU, 950# SICP, BLOW WELL TO FB TNK, CONTROL CSG W/ 30 BBLs T-MAC, ND WH, NU BOP'S, RU FLOOR & TBG EQUIP
	10:30 - 15:00	4.50	ABANDP	31	I	P		TOOH & SCAN 2-3/8" TBG, TBG WAS PARTED @ JNT 169, SCAN SHOWED 107 YELLOW JTS, 53 BLUE JTS & 9 RED JTS, TBG HAD HEAVY EXTERNAL SCALE FROM JNT 163-169, RD SCAN TECH, SWI, SDFN
11/11/2014	7:00 - 7:15	0.25	ABANDP	48		P		HSM, JSA
	7:15 - 18:00	10.75	ABANDP	31	B	P		200# SICP, BLOW CSG DN TO TNK, P/U OVERSHOT, JARS & 2 DRILL COLLARS, TIH W/ 2-3/8" TBG, TAG FILL @ 5308', TOOH W/ TBG, P/U 3-7/8" SHOE UNDER OVERSHOT, TIH W/ TBG, WASH OVER TO FISH TOP @ 5341', COULD NOT LATCH FISH, OVERSHOT KEEPS SLIPING OFF FISH, TOOH W/ TBG, FOUND LOTS OF SCALE IN OVERSHOT, SDFN
11/12/2014	7:00 - 7:15	0.25	ABANDP	48		P		HSM, JSA
	7:15 - 17:00	9.75	ABANDP	31	B	P		P/U NEW OVERSHOT TIH W/ 2-3/8" TBG, LATCH FISH & JAR UNTIL FREE, TOOH W/ TBG, FOUND OVERSHOT SLIPED OFF FISH, CALL ENGINEER, LD FISHING TOOLS, SWI, SDFN
11/13/2014	7:00 - 7:15	0.25	ABANDP	48		P		HSM, JSA
	7:15 - 11:00	3.75	ABANDP	31	I	P		P/U CICR, TIH W/ 2-3/8" TBG, SET CICR @ 5290', STING OUT OF CICR, FILL CSG W/ T-MAC & PRESSURE TEST TO 1000#, CSG HELD GOOD
	11:00 - 16:30	5.50	ABANDP	51	D	P		MIRU PRO PETRO, HAVE SAFTY MEETING, PRESSURE TEST LINES, STING INTO CICR, ESTB AN INJECTION, MIX & PUMP 100 SX CMT @ 15.8 PPG, STING OUT OF CICR & DISPLACE 8 SX ON CICR, TOC @ 5180', PUH TO 4770', MIX & PUMP 16 SX & 15.8 PPG, TOC @ 4560', PUH TO 2800', MIX & PUMP 16 SX & 15.8 PPG, TOC @ 2590', TOOH W/ TBG LD STINGER, SWI, SDFN
11/14/2014	7:00 - 12:00	5.00	ABANDP	48		P		SAFTY MEETING AT WESTERN PARK
	12:00 - 17:30	5.50	ABANDP	51	D	P		MIRU PERFORATORS, RIH & PERF CSG W/ 4 HOLE GUN @ 1700', POOH W/ WIRELINE, P/U CICR, TIH ON 2-3/8" TBG, SET CICR @ 1650', ESTB AN INJECTION RATE OF 3BPM @ 610#, MIX & PUMP 54 SX @ 15.8 PPG, STING OUT OF CICR & PUMP 12 SX ON TOP OF CICR, TOOH & LD 2-3/8" TBG, RIH W/ PERF GUN, PERF CSG @ 300', POOH RD PERFORATORS, MIX & PUMP 205 SX @ 15.8 PPG TO GET CMT TO SURFACE, RD RIG, DIG AROUND & CUT WH OFF, TOP CSG OFF W/ 15 SX, RD PRO PETRO, SDFWE