

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE  
(Other instructions on  
reverse side)

FORM APPROVED  
OMB NO. 1004-0136  
Expires: February 28, 1995

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK  
**DRILL**  **DEEPEEN**

b. TYPE OF WELL  
 OIL WELL  GAS WELL  OTHER   
 SINGLE ZONE  MULTIPLE ZONE

2. NAME OF OPERATOR  
 Coastal Oil & Gas Corporation

3. ADDRESS AND TELEPHONE NO.  
 P.O. Box 749, Denver, CO 80201-0749 (303) 573-4476

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. \*)  
 At surface  
 326' FSL & 556' FEL (SESE)  
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 Approximately 15.7 miles south of Ouray, Utah

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

16. NO. OF ACRES IN LEASE 400.00

17. NO. OF ACRES ASSIGNED TO THIS WELL N/A

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. See Topo Map C

19. PROPOSED DEPTH 6900'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 Ungraded GR = 5077.9

22. APPROX. DATE WORK WILL START\*  
 Upon Approval

5. LEASE DESIGNATION AND SERIAL NO.  
 U-01416

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 N/A

7. UNIT AGREEMENT NAME  
 Natural Buttes Unit

8. FARM OR LEASE NAME, WELL NO.  
 CIGE 206-4-10-21

9. API WELL NO.

10. FIELD AND POOL, OR WILDCAT  
 Natural Buttes Field

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Section 4-T10S-R21E

12. COUNTY OR PARISH Uintah

13. STATE Utah

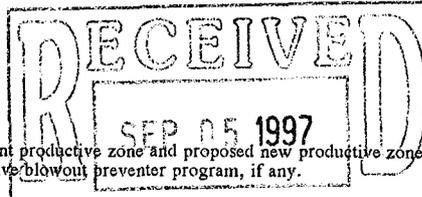
23. PROPOSED CASING AND CEMENTING PROGRAM

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

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 BLM and 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: State of Utah Bond #102103 and BLM Nationwide Bond #U605382-9.



IN ABOVE SPACE 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.

24. SIGNED Bonnie Carson TITLE Sr. Environmental Analyst DATE 9/13/97

DIV. OF OIL, GAS & MINING

(This space for Federal or State office use)

PERMIT NO. 43-047-32996 APPROVAL DATE \_\_\_\_\_

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

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY John R. Boyer TITLE Associate Director DATE 11/7/97

\*See Instructions On Reverse Side

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.

**COASTAL OIL & GAS CORP.**

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

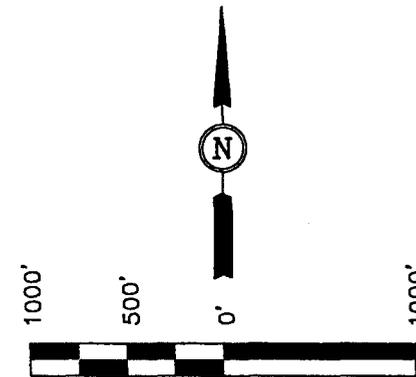
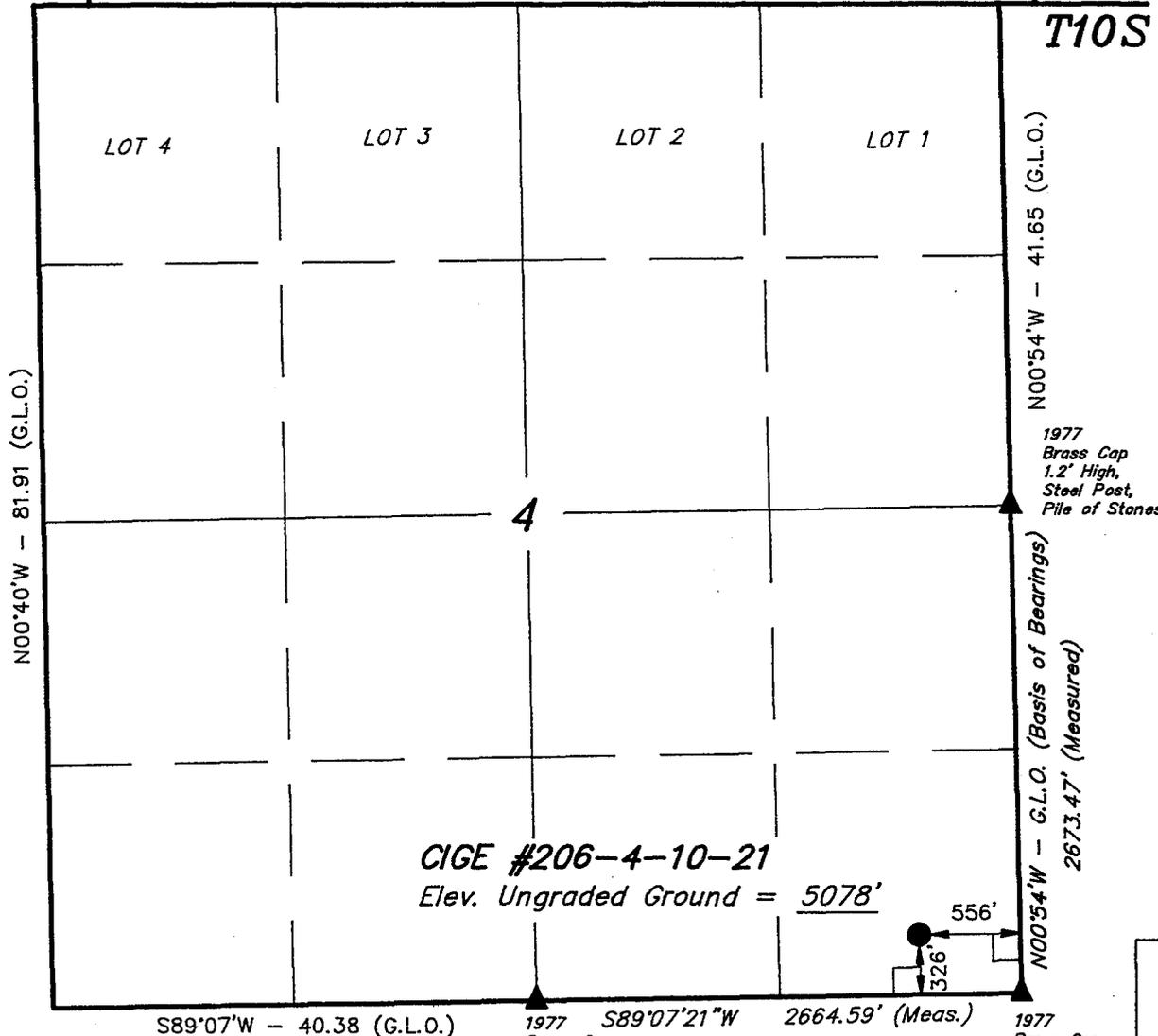
Well location, CIGE #206-4-10-21, located as shown in the SE 1/4 SE 1/4 of Section 4, T10S, R21E, S.L.B.&M., Uintah County, Utah.

S88°57'W - 80.47 (G.L.O.)

**T9S**  
**T10S**

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.

NO. 010319

ROBERT KAY

REGISTERED LAND SURVEYOR  
REGISTRATION NO. 18134  
STATE OF UTAH

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

<b>UINTAH ENGINEERING &amp; LAND SURVEYING</b>		
85 SOUTH 200 EAST - VERNAL, UTAH 84078		
(801) 789-1017		
SCALE 1" = 1000'	DATE SURVEYED: 11-19-96	DATE DRAWN: 01-09-97
PARTY B.B.    B.H.    D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE COASTAL OIL & GAS CORP.	

**CIGE #206-4-10-21  
326' FSL & 556' FEL  
SE/SE, SECTION 4-T10S-R21E  
UINTAH COUNTY, UTAH  
LEASE NUMBER: U-01416**

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

***DRILLING PROGRAM***

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

Formation	Depth
Duchesne River/Uinta	Surface
Green River	1,430'
Wasatch	4,640'
Total Depth	6,900'

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

Substance	Formation	Depth
Oil/Gas	Green River	1,430'
	Wasatch	4,640'
Water	N/A	
Other Minerals	N/A	

**3. Pressure Control Equipment:**

*Please see the Natural Buttes Unit Standard Operating Procedure (SOP).*

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

*Please see the Natural Buttes Unit SOP.*

**5. Drilling Fluids Program:**

*Please see the Natural Buttes Unit SOP.*

**6. Evaluation Program:**

*Please see the Natural Buttes Unit SOP.*

**7. Abnormal Conditions:**

Maximum anticipated bottomhole pressure approximately equals 2,760 psi (calculated at 0.4 psi/foot).

Maximum anticipated surface pressure equals approximately 1,242 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

**8. Anticipated Starting Dates & Notification of Operations:**

*Please see the Natural Buttes Unit SOP.*

**9. Variances:**

*Please see the Natural Buttes Unit SOP.*

**10. Other Information:**

*Please see the Natural Buttes Unit SOP.*

**CIGE # 206-4-10-21  
326' FSL & 556' FEL  
SE/SE, SECTION 4, T10S-R21E  
Uintah County, Utah  
Lease Number: U-01416  
ONSHORE ORDER NO. 1**

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

An onsite inspection was conducted for the CIGE #206 on 8/26/97 at approximately 10:40 a.m. Weather conditions were cloudy with moderate temperatures at the time of the onsite. In attendance at the inspection were the following individuals:

Bonnie Carson	Coastal Oil & Gas Corporation
Bill Rawlins	Coastal Oil & Gas Corporation
Byron Tolman, Steve Strong, & Steve Madsen	BLM
Robert Kay	U.E.L.S.
Harley Jackson	Jackson Construction
Jim Justice	J-West
John Faucett	John E. Faucett Construction
Cory Stubbs	Stubbs and Stubbs

**1. Existing Roads:**

The proposed well site is approximately 15.7 miles southeast of Ouray, Utah. Directions to the location from Vernal, Utah:

Proceed in a westerly direction from Vernal, Utah, along U.S. Highway 40 approximately 14.0 miles to the junction of State Highway 88; exit left and proceed in a southerly direction approximately 17.0 miles to Ouray, Utah; proceed in a southerly direction approximately 6.9 miles on the Seep Ridge Road to the junction of this road and an existing road to the east; turn left and proceed in an easterly direction approximately 5.0 miles to the junction of this road and an existing road to the east; turn right and proceed in an easterly, then southerly, then easterly direction approximately 2.1 miles to the junction of this road and an existing road to the southwest; turn right and proceed in a southwesterly, then southeasterly, then southwesterly direction approximately 1.4 miles to the junction of this road and an existing road to the beginning of the proposed access road to the southeast; follow the road flags in a southeasterly direction approximately 0.3 miles to the proposed location.

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

There will be no improvement to existing access roads.

2. **Planned Access Roads**

*Please see the Natural Buttes Unit Standard Operating Procedure.*

Please see Map B to determine the location of the proposed access road.

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

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

*Please see the Natural Buttes Unit Standard Operating Procedure.*

Please see Map D to determine the location of the proposed pipeline.

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

*Please see the Natural Buttes Unit Standard Operating Procedure.*

6. **Source of Construction Materials**

*Please see the Natural Buttes Unit Standard Operating Procedure.*

7. **Methods of Handling Waste Materials**

*Please see the Natural Buttes Unit Standard Operating Procedure.*

8. **Ancillary Facilities**

*Please see the Natural Buttes Unit Standard Operating Procedure.*

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

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

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

*The reserve pit will not be lined.*

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

*Please see the Natural Buttes Unit Standard Operating Procedure.*

The following seed mixture will be used to reclaim the surface. A total of 12# per acre will be used if the seeds are drilled (Twice as much seed will be used per acre if the seed is broadcast). Per acre requirements (drilled) are:

Nuttal's salt bush	3#
shadscale	3#
four wing salt bush	4#
galleta	2#

**11. Surface Ownership**

Well pad and access road: The well pad and access road are located on lands owned by:

United States of America  
Bureau of Land Management  
170 South 500 East  
Vernal, Utah 84078  
(801) 789-1362

**12. Other Information**

A Class III archaeological survey was conducted by Metcalf Archaeological Consultants on November 25, 1996. A copy of this report was submitted directly to the appropriate agencies by Metcalf Archaeological Consultants. Cultural resource clearance was recommended for this location.

*A dam will be constructed at the bottom of the drainage leading north out of the location. The BLM Surface Manager, Byron Tolman ((801) 781-4482), will be contacted prior to construction.*

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

Bonnie Carson  
Senior Environmental Analyst  
Coastal Oil & Gas Corporation  
P.O. Box 749  
Denver, CO 80201-0749

Tom Young  
Drilling Manager  
Coastal Oil & Gas Corporation  
9 Greenway Plaza, Suite 2770  
Houston, TX 77046

**CIGE #206-4-10-21**  
**Surface Use and Operations Plan**  
**Page 4**

(303) 573-4476

(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, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

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

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.

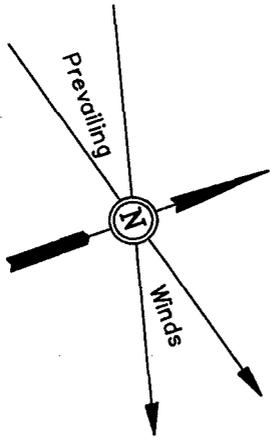
  
\_\_\_\_\_  
Bonnie Carson

9/3/97  
\_\_\_\_\_  
Date

COASTAL OIL & GAS CORP.

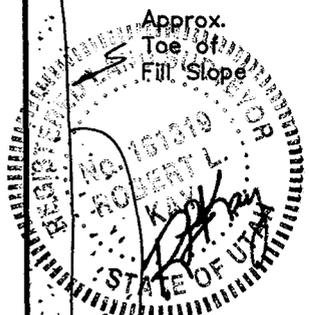
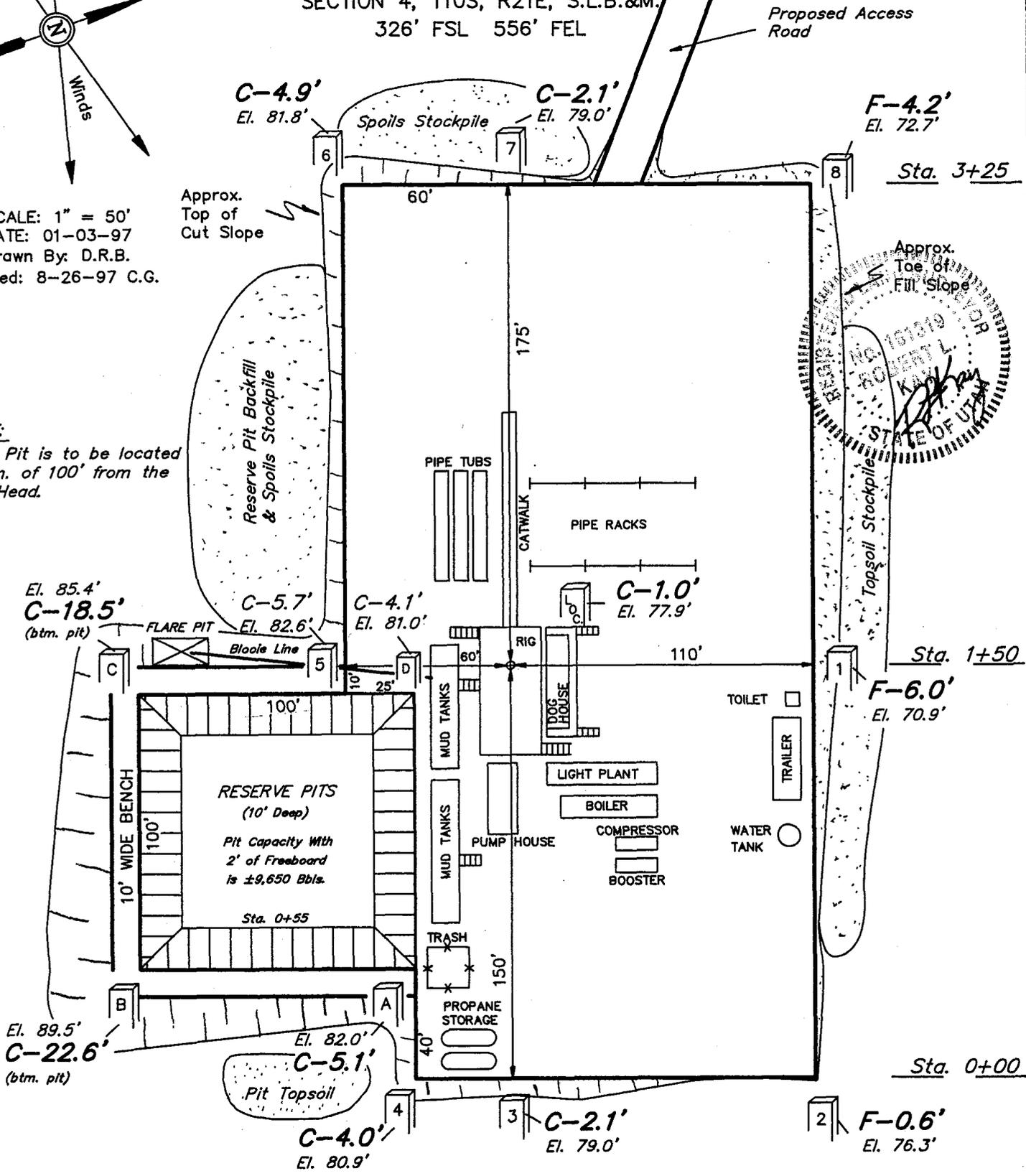
LOCATION LAYOUT FOR

CIGE #206-4-10-21  
SECTION 4, T10S, R21E, S.L.B.&M.  
326' FSL 556' FEL



SCALE: 1" = 50'  
DATE: 01-03-97  
Drawn By: D.R.B.  
Revised: 8-26-97 C.G.

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



**NOTES:**

Elev. Ungraded Ground At Loc. Stake = 5077.9'

FINISHED GRADE ELEV. AT LOC. STAKE = 5076.9'

**FIGURE #1**

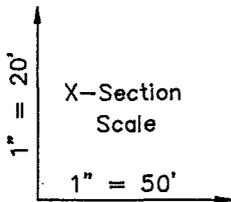
COASTAL OIL & GAS CORP.

TYPICAL CROSS SECTIONS FOR

CIGE #206-4-10-21

SECTION 4, T10S, R21E, S.L.B.&M.

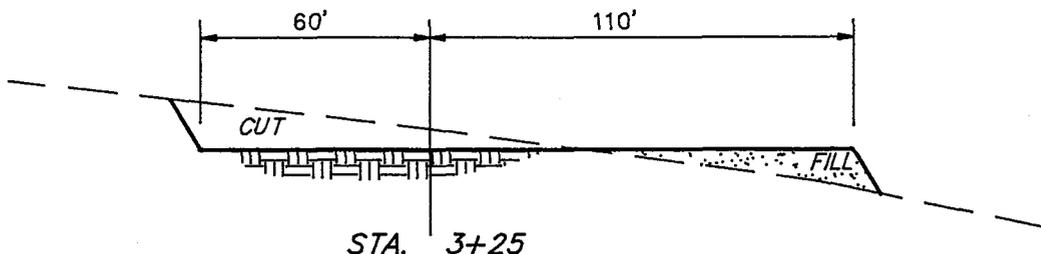
326' FSL 556' FEL



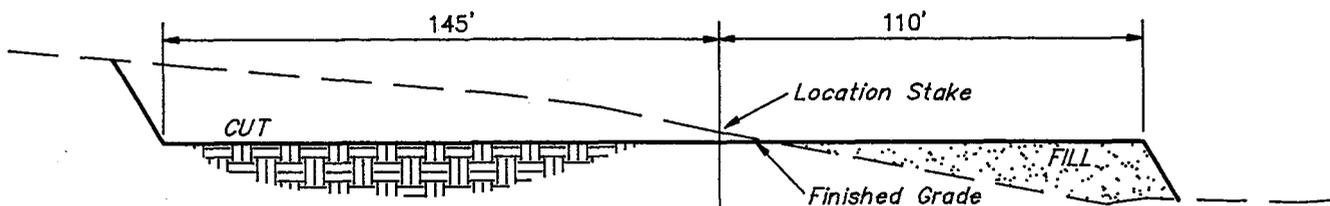
DATE: 01-03-97

Drawn By: D.R.B.

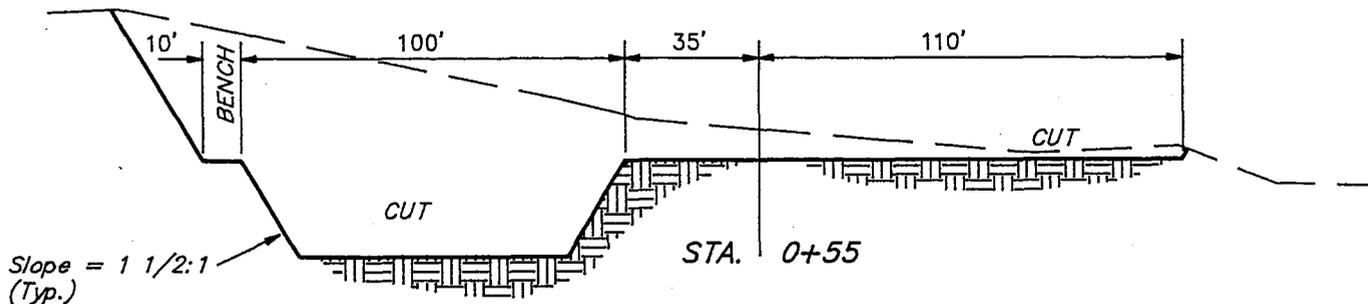
Revised: 03-19-97 D.R.B.



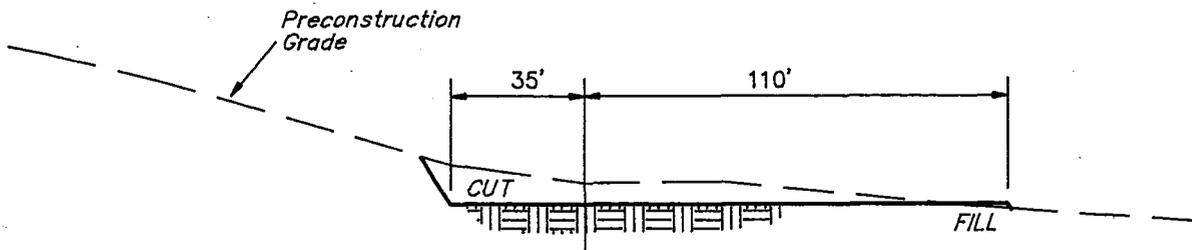
STA. 3+25



STA. 1+50



STA. 0+55



STA. 0+00

**FIGURE #2**

APPROXIMATE YARDAGES

**CUT**

(6") Topsoil Stripping = 1,140 Cu. Yds.

Remaining Location = 9,500 Cu. Yds.

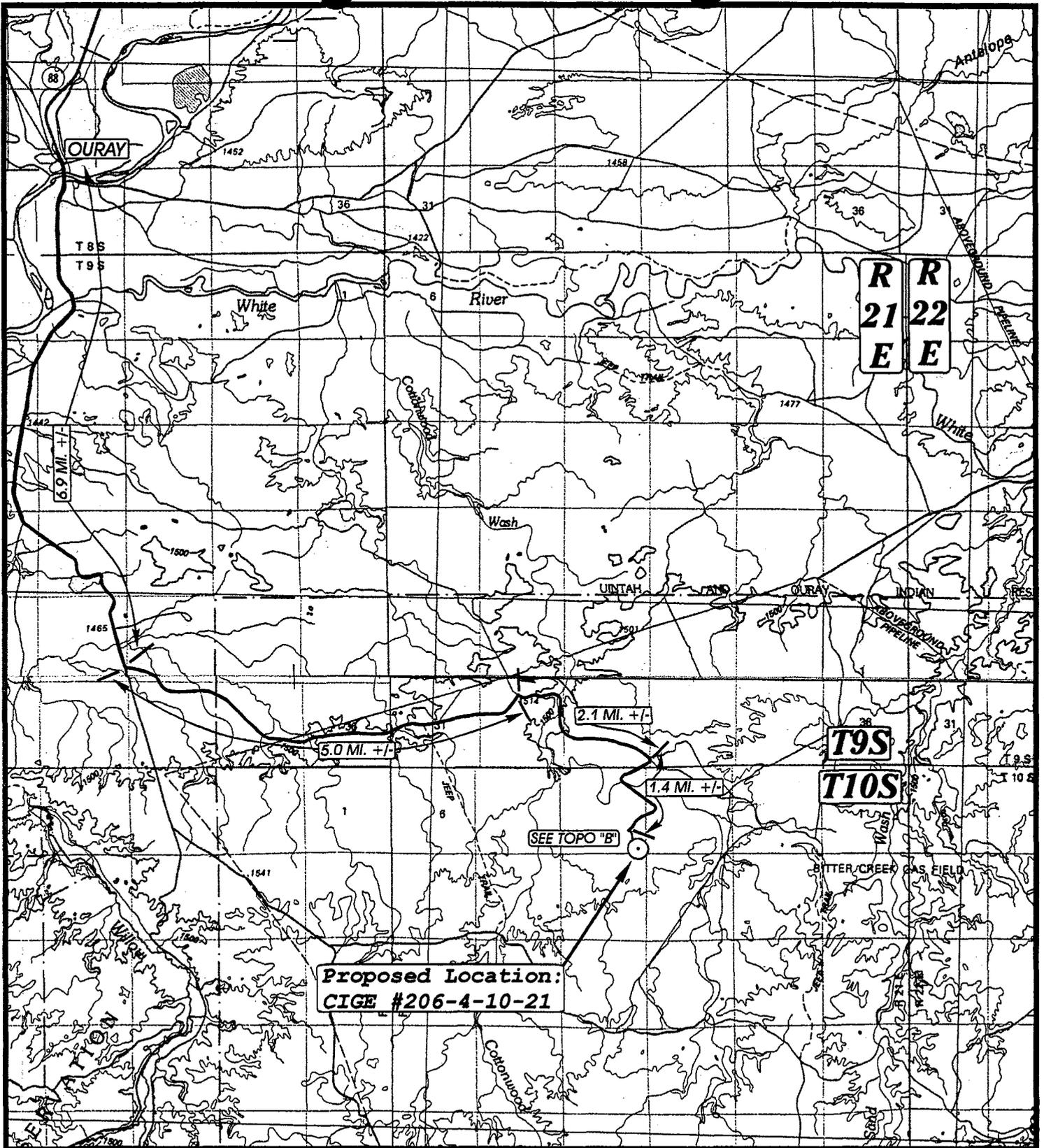
**TOTAL CUT = 10,640 CU.YDS.**

**FILL = 3,630 CU.YDS.**

EXCESS MATERIAL AFTER 5% COMPACTION = 6,820 Cu. Yds.

Topsoil & Pit Backfill (1/2 Pit Vol.) = 2,480 Cu. Yds.

EXCESS UNBALANCE (After Rehabilitation) = 4,340 Cu. Yds.



**UELS**

**TOPOGRAPHIC  
MAP "A"**

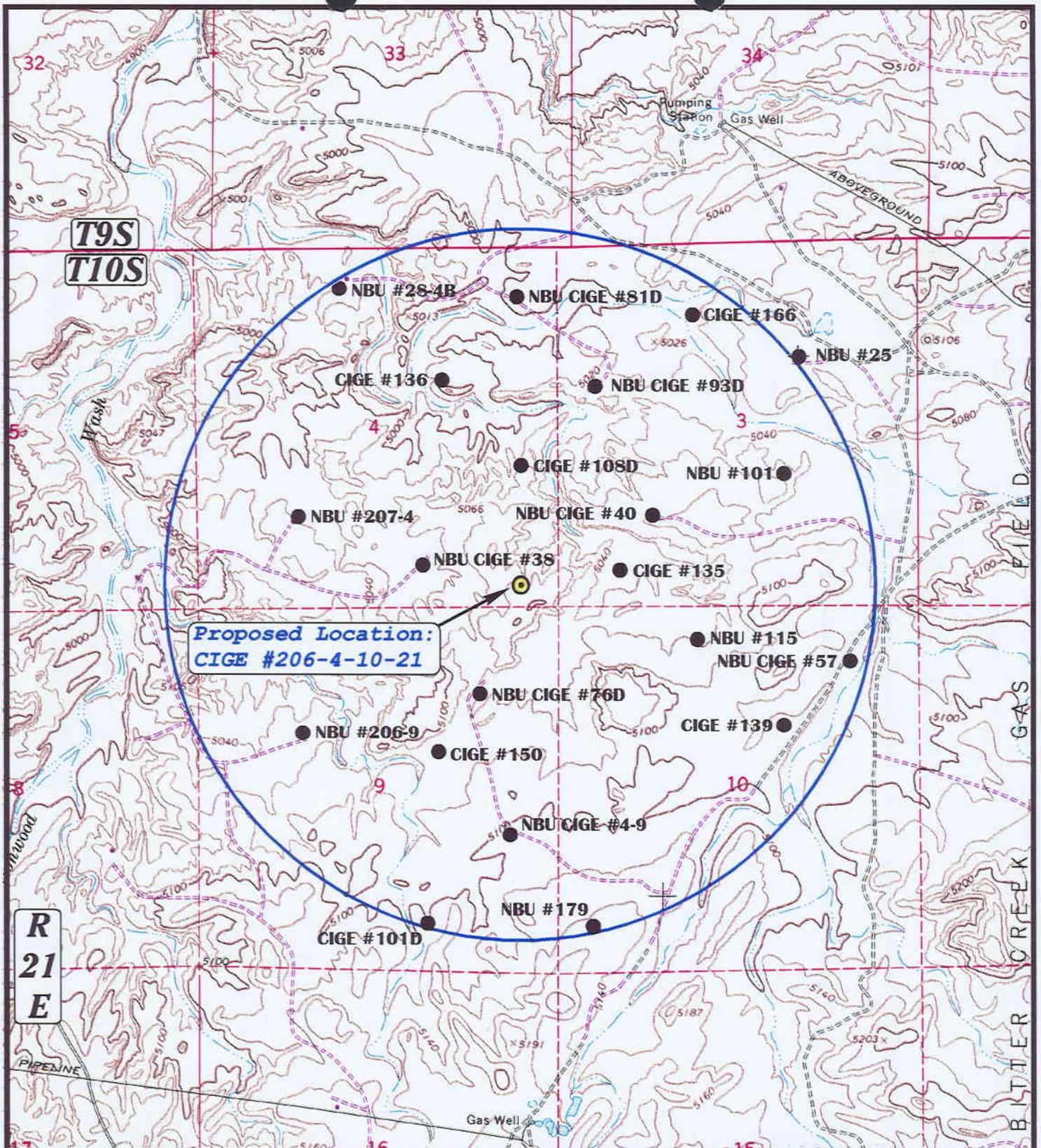
**DATE: 1-7-97  
Drawn by: J.L.G.**



**COASTAL OIL & GAS CORP.**

**CIGE #206-4-10-21  
SECTION 4, T10S, R21E, S.L.B.&M.  
326' FSL 556' FEL**





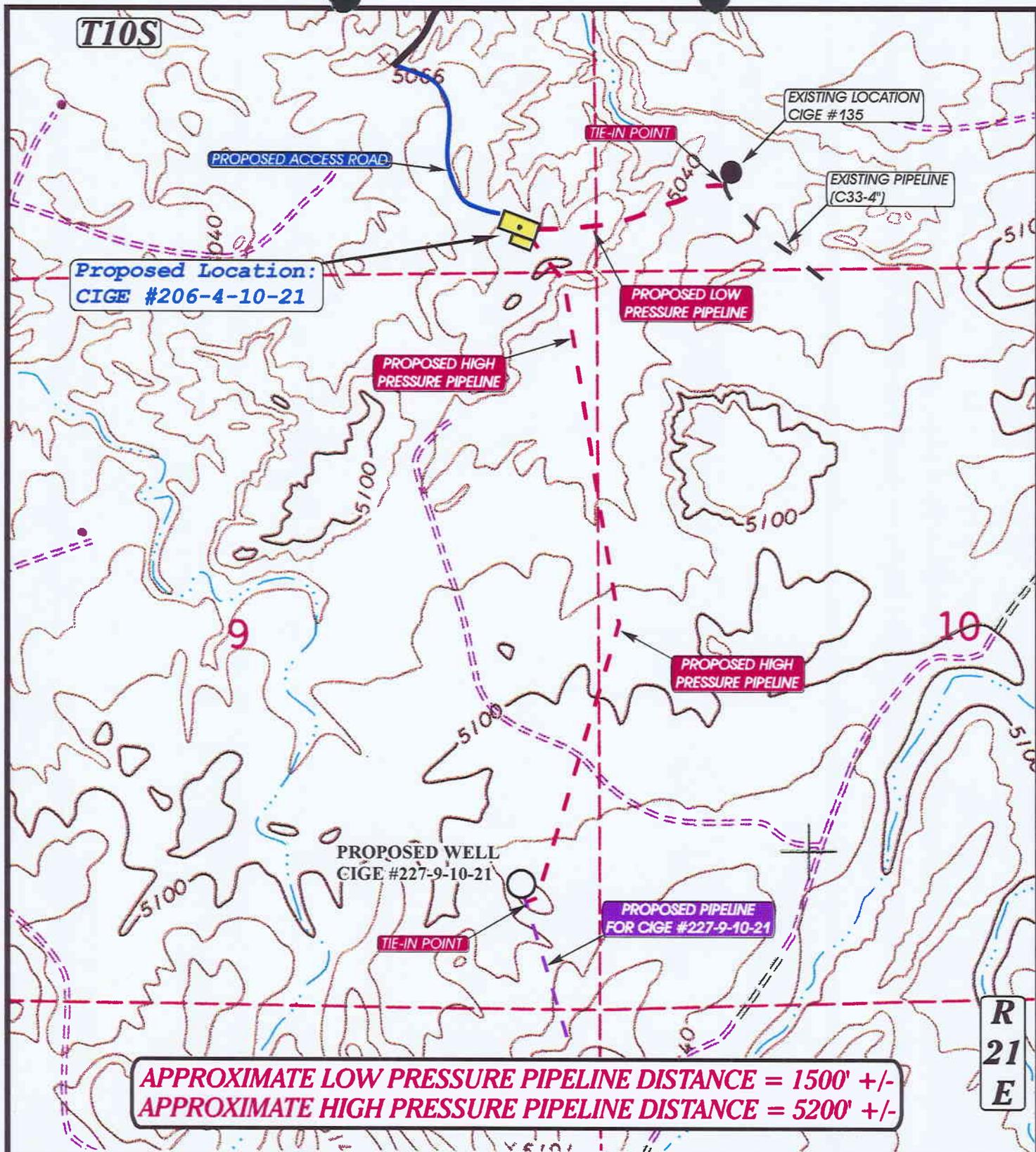
**LEGEND:**

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



**COASTAL OIL & GAS CORP.**  
**CIGE #206-4-10-21**  
**SECTION 4, T10S, R21E, S.L.B.&M.**  
**TOPOGRAPHIC MAP "C"**

DATE: 1-7-97  
 Drawn by: J.L.G.



**T10S**

EXISTING LOCATION  
CIGE #135

EXISTING PIPELINE  
(C33-4")

**Proposed Location:**  
CIGE #206-4-10-21

PROPOSED HIGH  
PRESSURE PIPELINE

PROPOSED LOW  
PRESSURE PIPELINE

PROPOSED HIGH  
PRESSURE PIPELINE

PROPOSED WELL  
CIGE #227-9-10-21

PROPOSED PIPELINE  
FOR CIGE #227-9-10-21

**APPROXIMATE LOW PRESSURE PIPELINE DISTANCE = 1500' +/-**  
**APPROXIMATE HIGH PRESSURE PIPELINE DISTANCE = 5200' +/-**

**R  
21  
E**

**UELS**

**TOPOGRAPHIC  
MAP "D"**

--- Existing Pipeline  
 - - - Proposed Pipeline



**COASTAL OIL & GAS CORP.**

**CIGE #206-4-10-21  
SECTION 4, T10S, R21E, S.L.B.&M.**

DATE: 3-9-97  
 Drawn by: D.COX

Uintah Engineering & Land Surveying  
 85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017

SCALE: 1" = 1000'

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 09/05/97

API NO. ASSIGNED: 43-047-32996

WELL NAME: CIGE 206-4-10-21  
OPERATOR: COASTAL OI & GAS (N0230)

PROPOSED LOCATION:  
SESE 04 - T10S - R21E  
SURFACE: 0326-FSL-0556-FEL  
BOTTOM: 0326-FSL-0556-FEL  
UINTAH COUNTY  
NATURAL BUTTES FIELD (630)

LEASE TYPE: FED  
LEASE NUMBER: U - 01416

PROPOSED PRODUCING FORMATION: WSTC

INSPECT LOCATION BY: / /		
TECH REVIEW	Initials	Date
Engineering		
Geology		
Surface		

RECEIVED AND/OR REVIEWED:

Plat  
 Bond: Federal  State  Fee   
(Number 4605382-9)  
 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: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

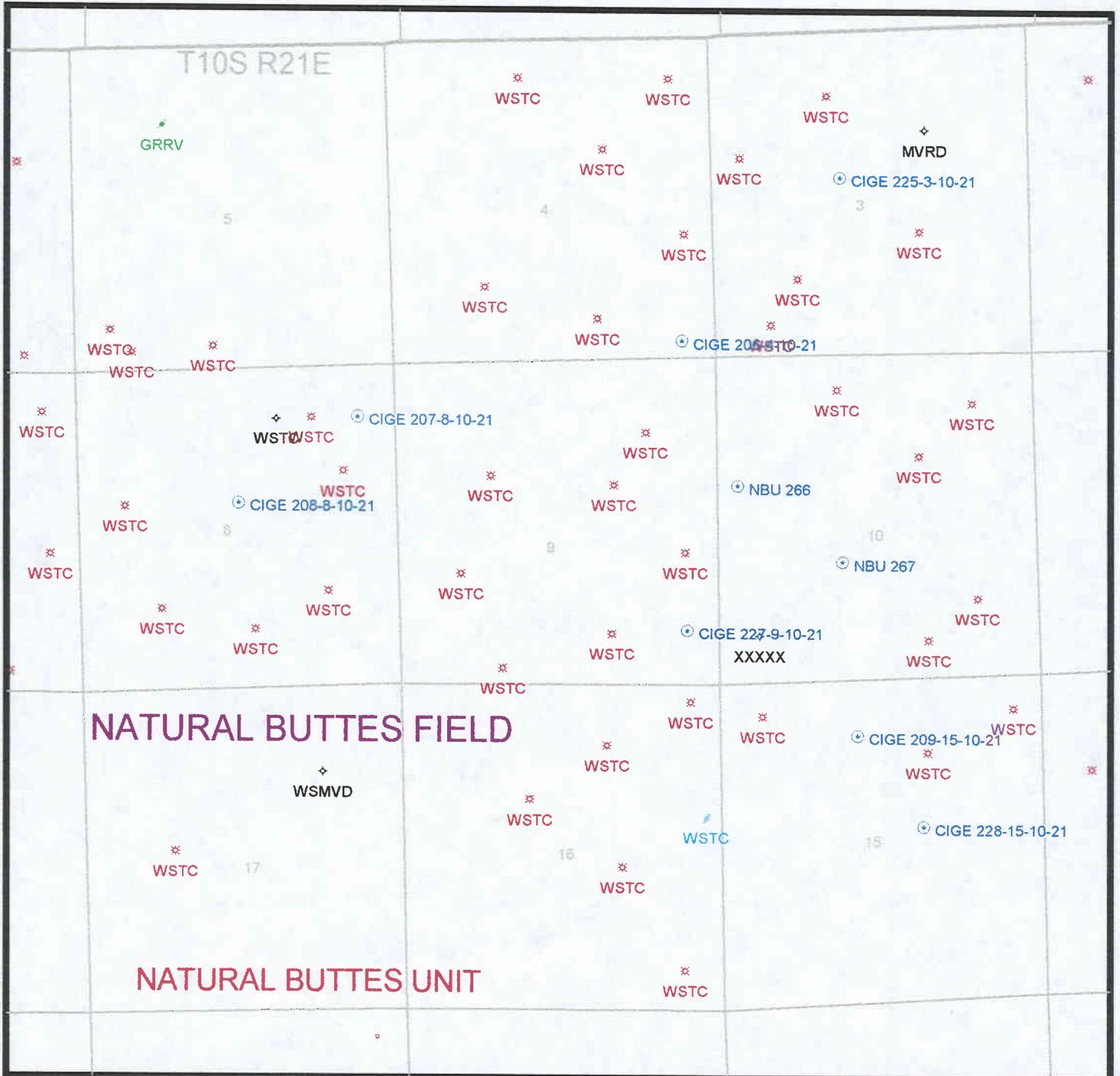
STIPULATIONS: Oil shale - 4 1/2" casing  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

OPERATOR: COASTAL OIL & GAS (N0230)

FIELD: NATURAL BUTTES (630)

SEC, TWP, RNG: 3,4,8,9,& 15, T10S, R21E

COUNTY: UINTAH UAC: R649-2-3 NATURAL BUTTES



PREPARED:  
DATE: 8-SEP-97

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT - " for such proposals

5. Lease Designation and Serial No.

U-01416

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

Natural Buttes Unit

8. Well Name and No.

CIGE 206-4-10-21

9. API Well No.

10. Field and Pool, or exploratory Area

Natural Buttes Field

11. County or Parish, State

Uintah UT

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

Coastal Oil & Gas Corporation

3. Address and Telephone No.

P.O. Box 749, Denver, CO 80201-0749 (303) 573-4455

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

326' FSL & 556' FEL  
Section 4-T10S-R21E

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

TYPE OF SUBMISSION

Notice of Intent  
 Subsequent Report  
 Final Abandonment Notice

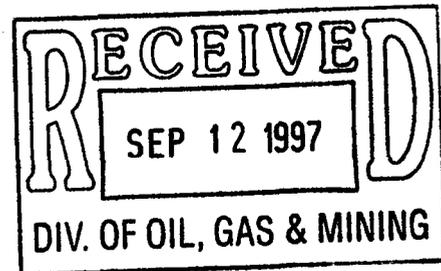
TYPE OF ACTION

Abandonment  Change of Plans  
 Recompletion  New Construction  
 Plugging Back  Non-Routine Fracturing  
 Casing Repair  Water Shut-Off  
 Altering Casing  Conversion to Injection  
 Other Pipeline  Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

The proposed pipeline will be installed as per the Natural Buttes Standard Operating Procedure. The pipeline will leave the well pad in a southerly direction for an approximate distance of 5200' and tie into the proposed pipeline for CIGE 227-9-21-21. Please see Topo Map D.



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

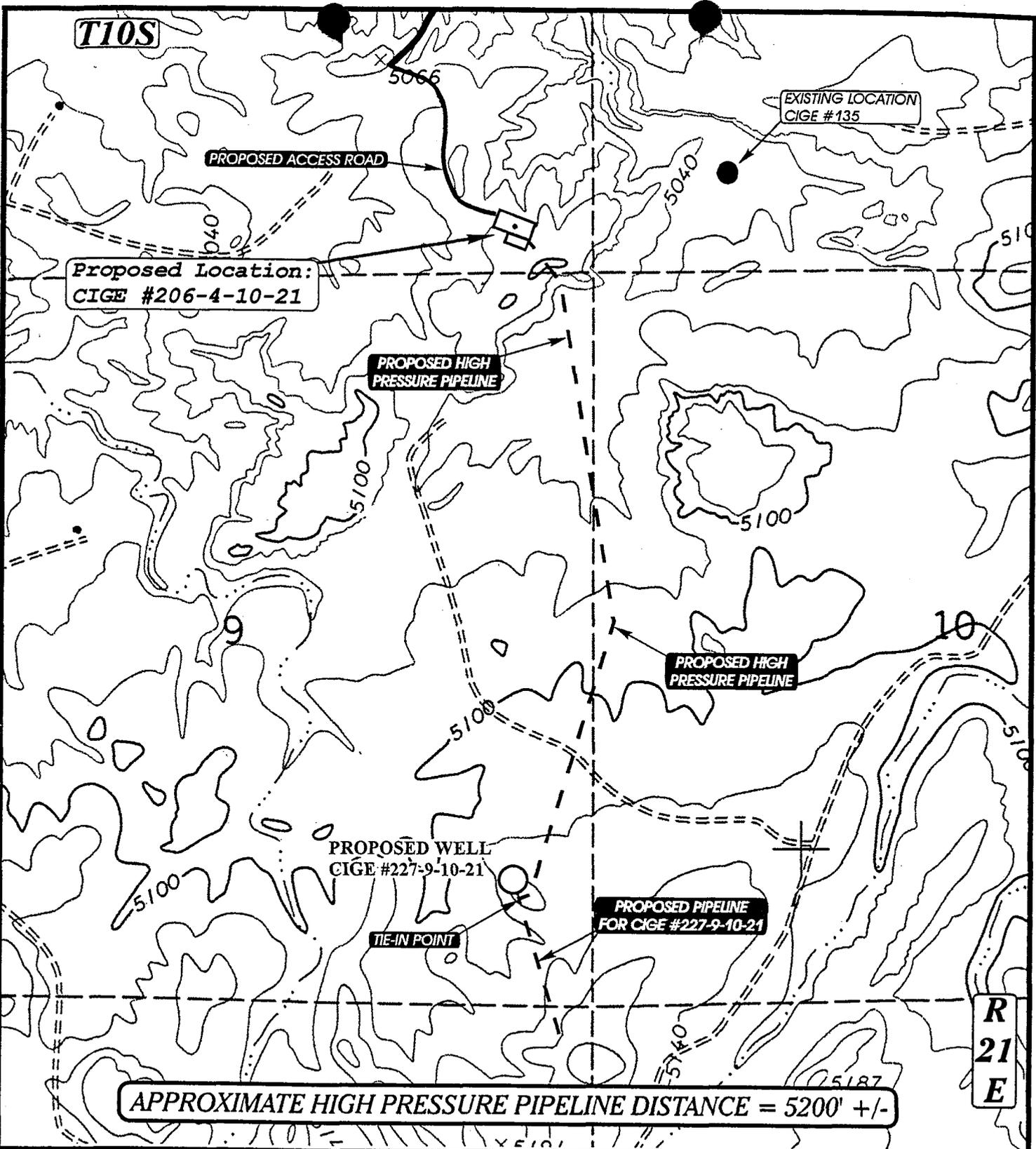
Signed Sheila Bremer Title Environmental & Safety Analyst Date September 8, 1997

(This space for Federal or State office use)

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

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.

\* See Instruction on Reverse Side



**T10S**

EXISTING LOCATION  
CIGE #135

PROPOSED ACCESS ROAD

Proposed Location:  
CIGE #206-4-10-21

PROPOSED HIGH  
PRESSURE PIPELINE

PROPOSED HIGH  
PRESSURE PIPELINE

PROPOSED WELL  
CIGE #227-9-10-21

PROPOSED PIPELINE  
FOR CIGE #227-9-10-21

TIE-IN POINT

APPROXIMATE HIGH PRESSURE PIPELINE DISTANCE = 5200' +/-

**R  
21  
E**

**UE  
EL  
S**

**TOPOGRAPHIC  
MAP "D"**

--- Existing Pipeline  
- - - Proposed Pipeline



SCALE: 1" = 1000'

**COASTAL OIL & GAS CORP.**

CIGE #206-4-10-21  
SECTION 4, T10S, R21E, S.L.B.&M.

DATE: 3-9-97  
Drawn by: D.COX  
REVISED: 8-10-97 D.COX

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



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)

November 7, 1997

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

Re: CIGE 206-4-10-21 Well, 326' FSL, 556' FEL, SE SE, Sec. 4,  
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 43-047-32996.

Sincerely,

A handwritten signature in cursive script that reads "John R. Baza".

John R. Baza  
Associate Director

lwp

Enclosures

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

Operator: Coastal Oil & Gas Corp.  
Well Name & Number: CIGE 206-4-10-21  
API Number: 43-047-32996  
Lease: U-01416  
Location: SE SE Sec. 4 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 Jim 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.

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. In accordance with the Order in Cause No. 190-5(b) dated October 28, 1982, the operator shall comply with the requirements of Rule R649-3-31 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the 4½" casing is cemented over the entire oil shale section as defined by Rule R649-3-31.



**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

**APPLICATION FOR PERMIT TO DRILL OR DEEPEN**

1a. TYPE OF WORK  
 DRILL  DEEPEN

b. TYPE OF WELL  
 OIL WELL  GAS WELL  OTHER \_\_\_\_\_  
 SINGLE ZONE  MULTIPLE ZONE

2. NAME OF OPERATOR  
 Coastal Oil & Gas Corporation

3. ADDRESS AND TELEPHONE NO.  
 P.O. Box 749, Denver, CO 80201-0749 (303) 573-4476

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface  
 326' FSL & 556' FEL (SESE)  
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 Approximately 15.7 miles south of Ouray, Utah

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

16. NO. OF ACRES IN LEASE 400.00

17. NO. OF ACRES ASSIGNED TO THIS WELL N/A

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. See Topo Map C

19. PROPOSED DEPTH 6900'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 Ungraded GR = 5077.9

22. APPROX. DATE WORK WILL START\*  
 Upon Approval

5. LEASE DESIGNATION AND SERIAL NO.  
 U-01416

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 N/A

7. UNIT AGREEMENT NAME  
 Natural Buttes Unit

8. FARM OR LEASE NAME, WELL NO.  
 CIGE 206-4-10-21

9. API WELL NO.  
 43097.32916

10. FIELD AND POOL, OR WILDCAT  
 Natural Buttes Field

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Section 4-T10S-R21E

12. COUNTY OR PARISH  
 Uintah

13. STATE  
 Utah

RECEIVED  
SEP 08 1997

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See NBU SOP				
Drilling Program				

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 BLM and 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: State of Utah Bond #102103 and BLM Nationwide Bond #U605382-9.

RECEIVED  
NOV 20 1997  
DIV. OF OIL, GAS & MINING

IN ABOVE SPACE 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.

24. Bonnie Carson Sr. Environmental Analyst  
 SIGNED [Signature] TITLE Sr. Environmental Analyst DATE 9/13/97

(This space for Federal or State office use)

**CONDITIONS OF APPROVAL ATTACHED**

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

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

CONDITIONS OF APPROVAL, IF ANY:

**NOTICE**  
 APPROVED BY [Signature] TITLE Assistant Field Manager Mineral Resources DATE NOV 7 1997

\*See Instructions On Reverse Side

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.

11-000-000-1102

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Coastal Oil & Gas Corporation

Well Name & Number: CIGE 206-4-10-21

API Number: 43-047-32996

Lease Number: U-01416

Location: SESE Sec. 04 T. 10S R. 21E

### **CONDITIONS OF APPROVAL FOR NOTICE TO DRILL**

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

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

A. DRILLING PROGRAM

1. Casing Program and Auxiliary Equipment

As a minimum, the usable water resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the base of the usable water zone, identified at 4,555 ft.

**SURFACE USE PROGRAM**  
**Conditions of Approval (COAs)**

-The reserve pit topsoil shall be piled separately as shown on the cut sheet.

-Once the reserve pit is dry, it shall be filed in and recontoured, then the pit topsoil shall be respread and the pit seeded with the seed mix specified in the APD.

All poundages are in Pure Live Seed. If the seed mixture is applied aurally, then the rates shall be doubled. Reseeding will be done immediately after the topsoil is spread.

-The location topsoil piled shall also be seeded immediately after the topsoil is piled in the same manner as above with the same seed mix.

**From:** Margie Herrmann <mherrman@ut.blm.gov>  
**To:** <nrogm.dstaley@state.ut.us>  
**Date:** Thu, Mar 4, 1999 1:24 PM  
**Subject:** Permits to be rescinded? - Reply

*APD Approval  
Extensions  
per  
Margie Herrmann -  
BLM Vernal -*

Hi Don,

Below is a list of permitted Federal and Indian lease wells that are due to be rescinded per our records and permit dates. Could you let me know what the status of these wells is. Thanks! --

In answer to your request.

Margie

=====

Barrett Resources expires 5/14/99  
Ute Tribal 1-21  
21-5S-4W  
43-013-31836

Barrett Resources expires 5/14/99  
Ute Tribal 16-21  
21-5S-4W  
43-013-31839

Coastal expires 11/17/99  
CIGE 223-1-10-22  
1-10S-22E  
43-047-32983

Coastal expires 11/17/99  
CIGE 226-3-10-21  
3-10S-21E  
43-047-32995

Coastal expires 11/8/99  
CIGE 206-4-10-21  
4-10S-21E  
43-047-32996

Inland Production expired 1/28/99  
Monument Federal 21-22-9-16Y letter being done  
22-9S-16E  
43-013-31727

Inland Production expired 2/25/99  
West Point 10-31-8-16 letter being done  
31-8S-16E  
43-013-31772

Inland Production expired 2/18/99  
Monument Butte Federal 12-27 letter being done  
27-8S-16E  
43-013-31919

Inland Production expired 1/22/99

*Well File*

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires July 31, 1996

**SUNDRY NOTICES AND REPORTS ON WELLS**

*Do not use this form for proposals to drill or to re-enter 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  
 Coastal Oil & Gas Corporation

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)  
 SE/SE Sec.4, T10S, R21E  
 326' FSL &  
 556' FEL

5. Lease Serial No.  
 U- 01416

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

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

8. Well Name and No.  
 Cige #206

9. API Well No.  
 43-047-32996

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

11. County or Parish, State  
 Uintah UT

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Amend TD</u>
	<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 Operation (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 final site is ready for final inspection.)

Coastal Oil & Gas Corporation proposes to change the TD to 8155', in order to drill to the Mesaverde formation.

*(from 6900/wstc)*

Please refer to attached Drilling Program

**COPY SENT TO OPERATOR**  
 Date: 10-8-99  
 Initials: CHD

**RECEIVED**  
 SEP 20 1999  
 DIV. OF OIL, GAS & MINING

**Federal Approval of this Action is Necessary**

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

Date: 10/6/99  
 By: [Signature]

14. I hereby certify that the foregoing is true and correct  
 Name (Printed/Typed)  
 Katy Dow

Title  
 Environmental Secretary

Date 9/16/99

**THIS SPACE FOR FEDERAL OR STATE OFFICE 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.

**Coastal Oil & Gas Corporation**  
**Cige #206**  
**SE/SE Sec.4, T10S, R21E**  
**Uintah County, UT**

**GEOLOGIC SURFACE FORMATION:**

SE/SE Sec. 4, T10S, R21E – 326' FSL & 556' FEL

**ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:**

<u>Formation</u>	<u>Estimated Top</u>
KB	5078'
Green River	1415'
Wasatch	4630'
Mesaverde	7555'

**PROPOSED CASING PROGRAM**

See Attached

**DRILLING FLUIDS PROGRAM**

See Attached

**TESTING, LOGGING AND CORING:**

See Attached

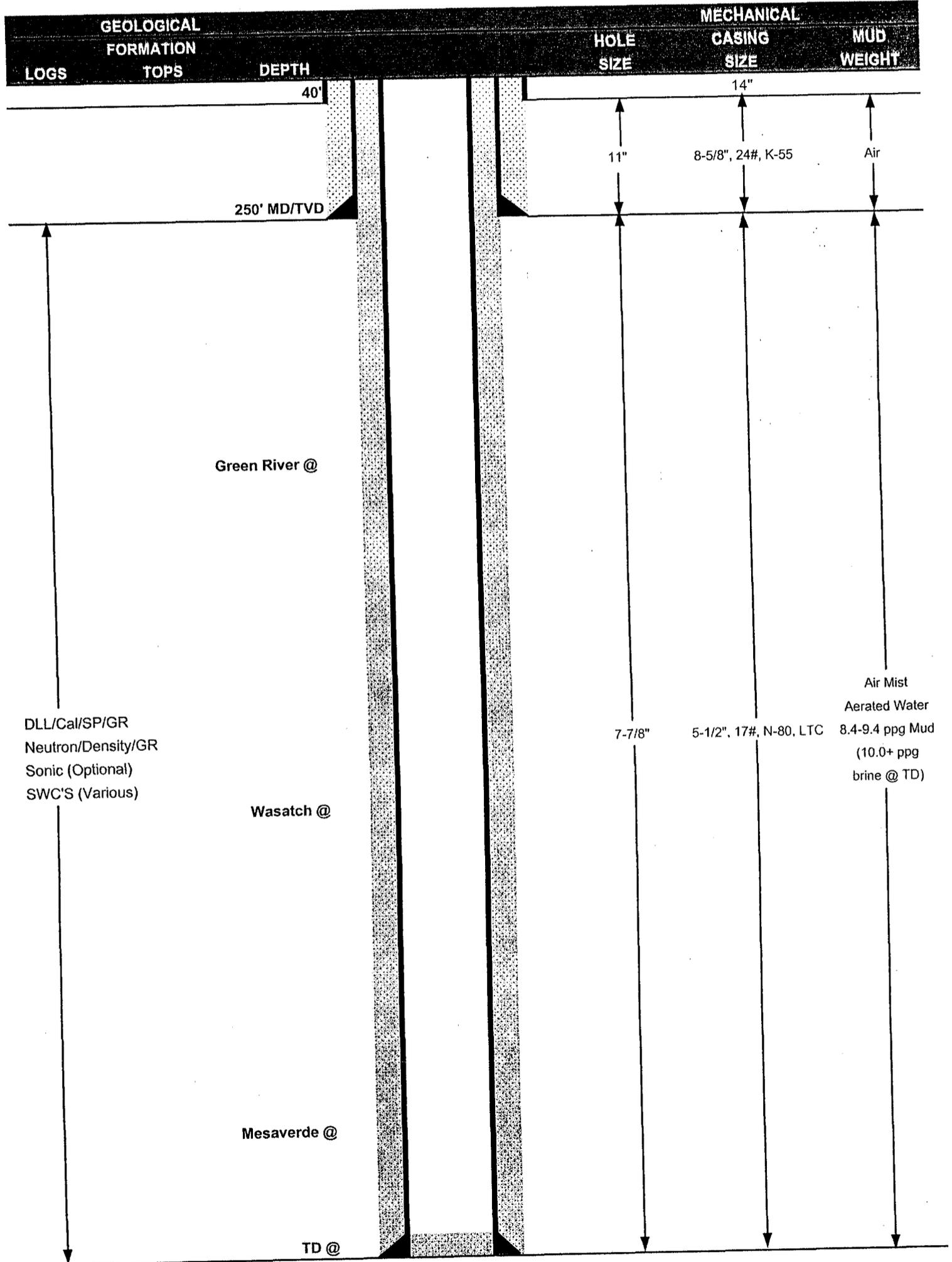
**CEMENTING PROGRAM:**

See Attached

# COASTAL OIL & GAS CORPORATION

## DRILLING PROGRAM

COMPANY NAME Coastal Oil & Gas Corporation DATE 9/15/99  
 WELL NAME Generic Natural Buttes Well TD \_\_\_\_\_  
 FIELD Ouray COUNTY Uintah STATE Utah ELEVATION \_\_\_\_\_  
 SURFACE LOCATION \_\_\_\_\_ BHL Straight Hole  
 OBJECTIVE ZONE(S) Lower Green River, Wasatch, Mesaverde  
 ADDITIONAL INFO \_\_\_\_\_



**CASING PROGRAM**

	SIZE	INTERVAL	WT.	GR.	CPLG.	DESIGN FACTORS		
						BURST	COLLAPSE	TENSION
CONDUCTOR	14"	0-40'						
SURFACE	8-5/8"	0-250'	24#	K-55	STC	>10	>10	>10
PRODUCTION	5-1/2"	0-TD	17#	N-80	LTC	SPECIFIED BY PROD DEPT		
TUBING								

**CEMENT PROGRAM**

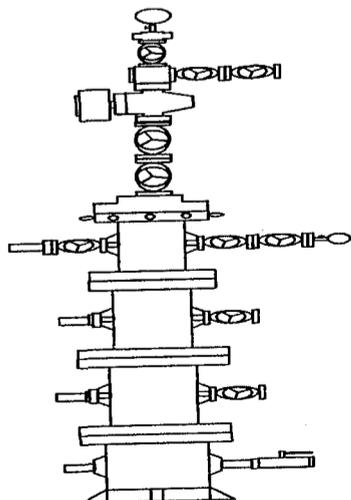
	FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
SURFACE	250' MD/TVD	Neat + 2% CaCl <sub>2</sub>	95	25%	15.60	1.19
PRODUCTION	LEAD 500' Above Prod Int-Surf	Hifill + 0.6% EX-1 + 0.25 lb/sk Flocele + 0.2% FWCA + 10 lb/sk Gilsonite + 16% Gel + 1% HR-7 + 3% Salt		*TBD	11.60	3.12
	TAIL TD-500' Above Productive Int.	50/50 POZ + 0.25 lb/sk Flocele + 0.4% Halad-322 + 2% Gel + 0.1% HR-5 + 2% Microbond M +5% Salt		*TBD	14.4	1.24

\* 15% over caliper log

**FLOAT EQUIPMENT & CENTRALIZERS**

SURFACE	Guide shoe, 1 jt, float collar. Centralize 5' above shoe & every other collar to surface.
PRODUCTION	Specified by Production Department (every other joint across pay zones).

**WELLHEAD EQUIPMENT**



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

**BIT PROGRAM**

INTERVAL	HO	BIT MFG & MODEL	GPM	SERIAL	N2LS	COMMENTS
Surface Hole	11"	Various				
SC - Top of Wasatch	7-7/8"	Various				
Wasatch	7-7/8"	Various (PDC)				
Mesaverde	7-7/8"	Various				

**GEOLOGICAL DATA**

**LOGGING:**

Depth	Log Type
SC - TD	DLL/Cal/SP/GR
SC - TD	Neutron/Density/GR
Optional	Sonic
Various	SWC's

**MUD LOGGER:** As per Geology  
**SAMPLES:** As per Geology  
**CORING:** As per Geology  
**DST:** As per Geology

**MUD PROGRAM**

DEPTH	TYPE	MUD WT	WATER LOSS	VISCOSITY	TREATMENT
0-Trona	Air Mist	NA	NA		
Trona-TD	Aerated Water Water/Mud	NA 8.4-9.4	NC 15cc	NA 30-40	KCL, Gel, LCM, Polymer
At TD	Brine	10-12 ppg	NC	NC	

**ADDITIONAL INFORMATION**

Test casing head to 750 psi after installing. Test surface casing to 1,500 psi prior to drilling out.  
BOPE: 11" 3M with one annular and 2 rams. Test to 3,000 psi (annular to 1,500 psi) prior to drilling out. Record on chart recorder & tour sheet. Function test rams on each trip. Maintain safety valve & inside BOP on rig floor at all times. Kelly to be equipped with upper & lower kelly valves.  
Run Totco survey every 500' from surface casing shoe to TD. Maximum allowable hole angle is 5 degrees.

**PROJECT ENGINEER:** \_\_\_\_\_  
Blaine Yeary

**PROJECT MANAGER:** \_\_\_\_\_  
Tom Young

**DATE:** \_\_\_\_\_  
**DATE:** \_\_\_\_\_

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
ENTITY ACTION FORM - FORM 6

OPERATOR Coastal Oil Gas Corp.  
ADDRESS P.O. Box 1146  
Urral, UT 84078

OPERATOR ACCT. NO. N 0230

F-053  
T-435 P.03/04  
+4357894436  
From-COASTAL OIL AND GAS DOWNSTAIRS SECRETARY  
Jan-10-00 01:03pm

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG			
A	99999	11858	43-047-33717	Coastal Oil Gas #31-55A	SWSW	31	85	22E	Utah	10/21/99	10/21/99
WELL 1 COMMENTS: 000111 added entity to MVRD P2. KDR											
B	2900		43-047-33011	NBU # 278	SWSW	30	95	22E	Utah	10/29/99	10/29/99
WELL 2 COMMENTS: Entity already added 11-30-99.											
B	99999	2900	43-047-32918	Circle # 214	NESW	13	95	51E	Utah	12/1/99	12/1/99
WELL 3 COMMENTS: 000111 entity added; (not buttes w/WSMVD) KDR											
<b>CONFIDENTIAL</b>											
B	99999	2900	43-047-32918	Circle # 210	NESC	16	105	21E	Utah	11/27/99	11/27/99
WELL 4 COMMENTS: 000111 entity added; (not buttes w/WSMVD) KDR											
<b>CONFIDENTIAL</b>											
B	99999	2900	43-047-32996	Circle 206	SESE	4	105	21E	Utah	11/18/99	11/18/99
WELL 5 COMMENTS: 000111 entity added; (not buttes w/WSMVD) KDR											
<b>CONFIDENTIAL</b>											

- 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.

Signature \_\_\_\_\_  
Title \_\_\_\_\_ Date \_\_\_\_\_  
Phone No. ( ) \_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires July 31, 1996

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Serial No.

U-01416

6. If Indian, Allottee or Tribe Name

N/A

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

Natural Buttes Unit

8. Well Name and No.

CIGE 206-4-10-21

9. APD Well No.

43-047-32996

10. Field and Pool, or Exploratory Area

Natural Buttes Field

11. County or Parish, State

Uintah UT

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

Coastal Oil & Gas Corporation

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)

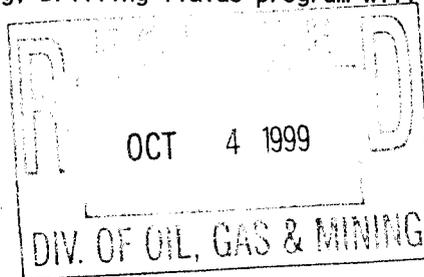
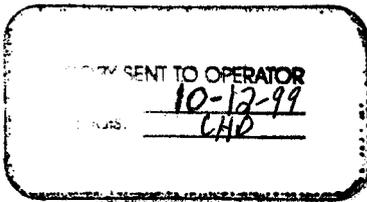
SE/SE Sec.4, T10S, R21E  
326' FSL & 556' FEL

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
			<u>Revised TD</u>

13. Describe Proposed or Completed Operation (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 final site is ready for final inspection.)

Coastal Oil & Gas Corporation requests authorization to revise the previous Sundry Notice, requesting TD change from 8155' to 8355'. Cmt, Csg, Drilling fluids program will remain unchanged.



Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 10/7/99  
By: [Signature]

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

Name (Printed/Typed)

Katy Dow

Title

Environmental Secretary

Date

9/30/99

THIS SPACE FOR FEDERAL OR STATE OFFICE 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

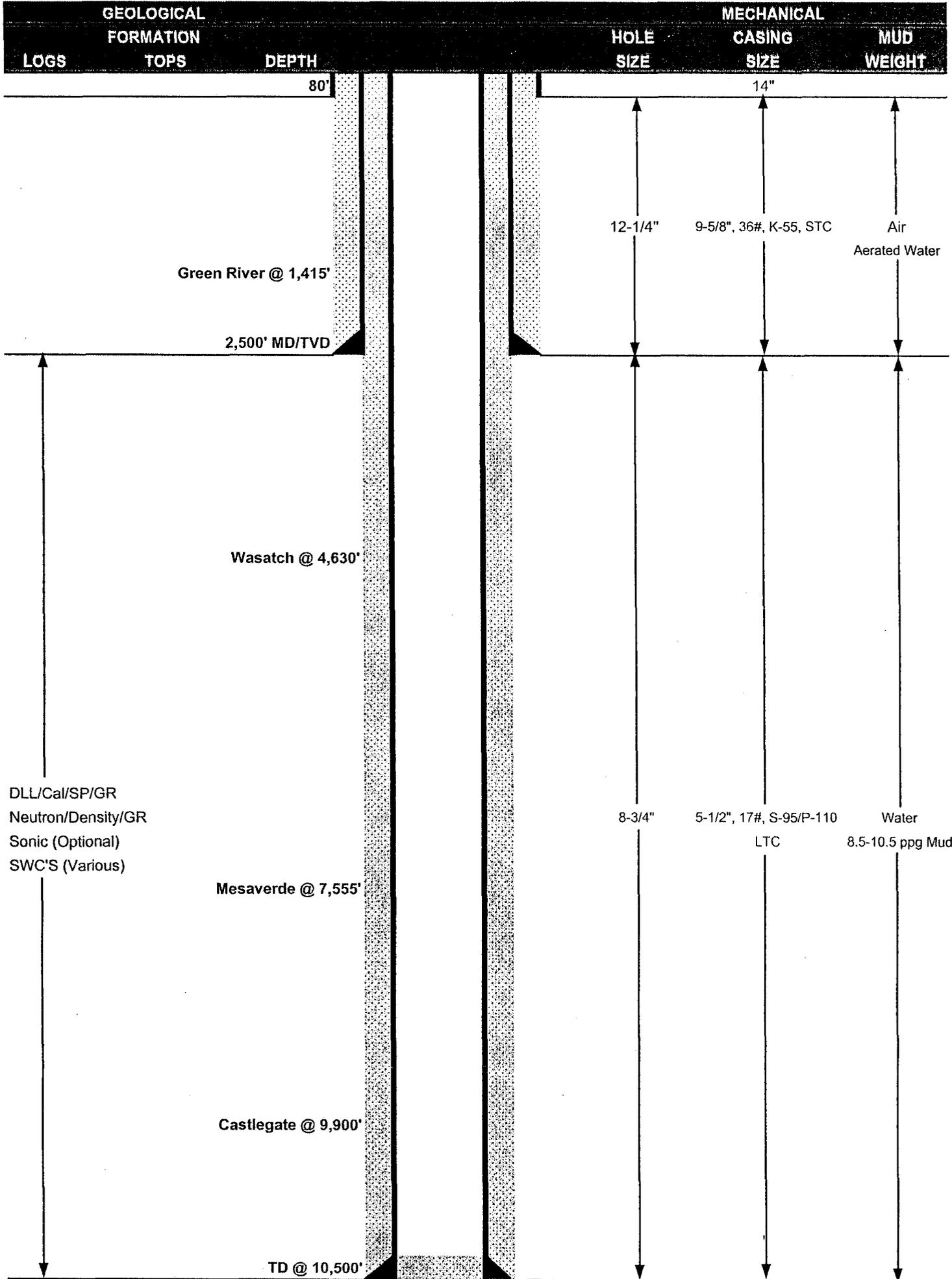
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

# COASTAL OIL & GAS CORPORATION

## DRILLING PROGRAM

COMPANY NAME Coastal Oil & Gas Corporation DATE 10/28/99  
 WELL NAME CIGE #206 TD 10,500  
 FIELD Ouray COUNTY Uintah STATE Utah ELEVATION 5,078' KB  
 SURFACE LOCATION 326' FSL & 556' FEL Sec 4 T10S-R21E BHL Straight Hole  
 OBJECTIVE ZONE(S) Lower Green River, Wasatch, Mesaverde, Castlegate  
 ADDITIONAL INFO \_\_\_\_\_



**CASING PROGRAM**

	SIZE	INTERVAL	WT.	GR.	CPLG.	DESIGN FACTORS		
						BURST	COLLAPSE	TENSION
CONDUCTOR	14"	0-40'						
SURFACE	9-5/8"	0-2,500'	36#	K-55	STC	2.53	1.73	2.23
PRODUCTION	5-1/2"	0-TD	17#	S-95/P-110	LTC	SPECIFIED BY PROD DEPT		
TUBING								

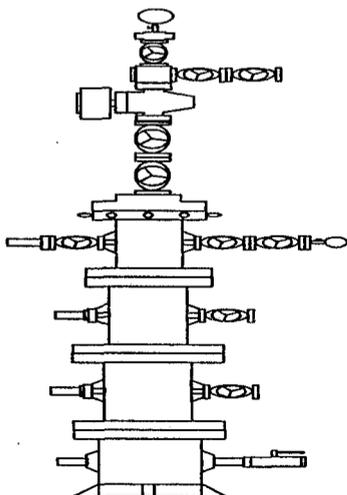
**CEMENT PROGRAM**

		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
SURFACE	LEAD	0-2,000'	Lite + 2% CaCl <sub>2</sub> + 0.25 lb/sk Flocele	520	50%	12.70	1.82
	TAIL	2,000'-2,500'	Class G + 2% CaCl <sub>2</sub> + 0.25 lb/sk Flocele	220	50%	15.60	1.19
PRODUCTION	LEAD	0-4,000' (4,000')	Lead + 0.6% Econolite + 0.25 lb/sk Flocele + 0.2% FWCA + 10 lb/sk Gilsonite + 16% Gel + 1% HR-7 + 3% KCl	340	25%	11.00	3.80
	TAIL	4,000'-10,500' (6,500')	50/50 Poz + 0.25 lb/sk Flocele + 0.6% HALAD-322 + 2% Gel + 2% MicroBond HT + 5% Salt	1,670	25%	14.35	1.24

**FLOAT EQUIPMENT & CENTRALIZERS**

SURFACE	Float shoe, 1 jt, float collar. Centralize first 3 joints & every fourth joint to surface. Thread lock FE & casing up to & including pin end of first joint above FC.
PRODUCTION	Float shoe, 2 jts, float collar. Centralize first 3 joints & every other joint across pay zones. Thread lock FE & casing up to & including pin end of first joint above FC.

**WELLHEAD EQUIPMENT**



TREE	2-1/16" 10M
TUBING HEAD	11" 5M X 7-1/16" 10M
CASING SPOOL	
CASING SPOOL	
CASING HEAD	9-5/8" SOW X 11" 5M

**BIT PROGRAM**

INTERVAL	SIZE	BIT MFG & MODEL	GPM	SERIAL	NZLS	COMMENTS
Surface Hole	12-1/4"	Various	Air			
SC - Top of Wasatch	8-3/4"	Various	500-400			(No air below surf csg)
Wasatch	8-3/4"	Various (PDC)	500-400		0.5 TFA	
Mesaverde/Castlegate	8-3/4"	Various	450-350			

**GEOLOGICAL DATA**

**LOGGING:**

Depth	Log Type
SC - TD	DLL/Cal/SP/GR
SC - TD	Neutron/Density/GR
Optional	Sonic
Various	SWC's

**MUD LOGGER:** 2,500' - TD  
**SAMPLES:** As per Geology  
**CORING:** SWC's at selective intervals.  
**DST:** As per Geology

**MUD PROGRAM**

DEPTH	TYPE	MUD WT	WATER LOSS	VISCOSITY	TREATMENT
0-2,500'	Air/Mist/ Aerated Water	NA	NA		KCL
2,500'-TD	Water/Mud	8.5-10.5	NC - <10	30-45	KCL, Gel, LCM, Polymer

**ADDITIONAL INFORMATION**

Test casing head to 1,000 psi after installing. Test surface casing to 1,500 psi prior to drilling out.  
BOPE: 11" 3M with one annular and 2 rams. Test to 3,000 psi (annular to 1,500 psi) prior to drilling out. Record on chart recorder & tour sheet. Function test rams on each trip. Maintain safety valve & inside BOP on rig floor at all times. Kelly to be equipped with upper & lower kelly valves.  
Run Totco survey every 500' from surface casing shoe to TD. Maximum allowable hole angle is 5 degrees.

**PROJECT ENGINEER:** \_\_\_\_\_  
Blaine Yeary

**PROJECT MANAGER:** \_\_\_\_\_  
Tom Young

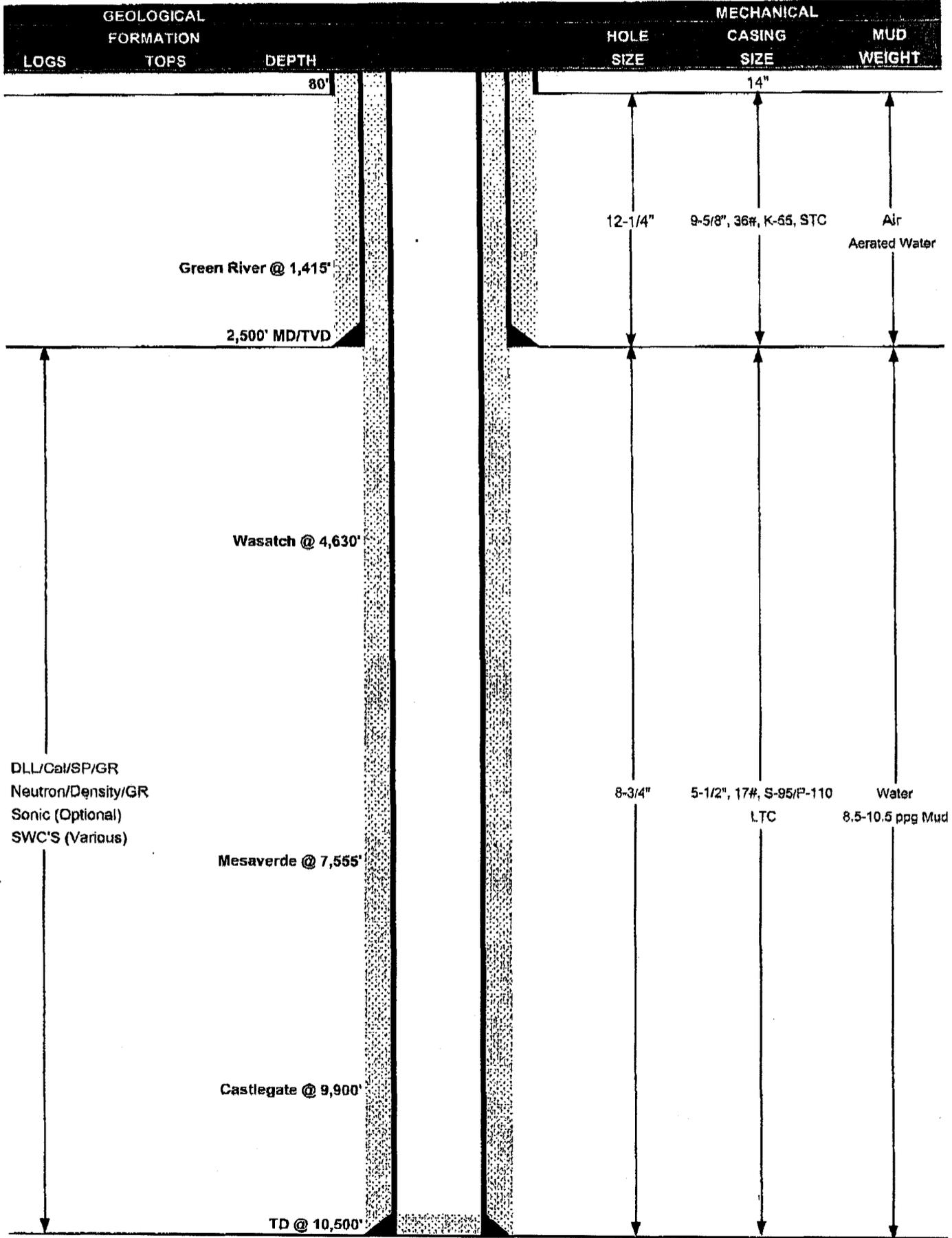
**DATE:** \_\_\_\_\_

**DATE:** \_\_\_\_\_

# COASTAL OIL & GAS CORPORATION

## DRILLING PROGRAM

COMPANY NAME Coastal Oil & Gas Corporation DATE 10/28/99  
 WELL NAME CIGE #206 TD 10,500  
 FIELD Ouray COUNTY Uintah STATE Utah ELEVATION 5,078' KB  
 SURFACE LOCATION 326' FSL & 556' FEL Sec 4 T10S-R21E BHL Straight Hole  
 OBJECTIVE ZONE(S) Lower Green River, Wasatch, Mesaverde, Castlegate  
 ADDITIONAL INFO \_\_\_\_\_



**CASING PROGRAM**

	SIZE	INTERVAL	WT.	GR.	CPLG.	DESIGN FACTORS		
						BURST	COLLAPSE	TENSION
CONDUCTOR	14"	0-40'						
SURFACE	9-5/8"	0-2,500'	36#	K-55	STC	2.53	1.73	2.23
PRODUCTION	5-1/2"	0-TD	17#	S-95/P-110	LTC	SPECIFIED BY PROD DEPT		
TUBING								

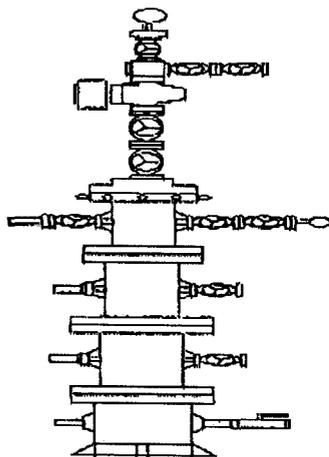
**CEMENT PROGRAM**

		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
SURFACE	LEAD	0-2,000'	Lite + 2% CaCl <sub>2</sub> + 0.25 lb/sk Flocele	520	50%	12.70	1.82
	TAIL	2,000'-2,500'	Class G + 2% CaCl <sub>2</sub> + 0.25 lb/sk Flocele	220	50%	15.60	1.19
PRODUCTION	LEAD	0-4,000' (4,000')	Lead + 0.6% Econolite + 0.25 lb/sk Flocele + 0.2% FWCA + 10 lb/sk Gilsonite + 16% Gel + 1% HR-7 + 3% KCl	340	25%	11.00	3.80
	TAIL	4,000'-10,500' (6,500')	50/50 Poz + 0.25 lb/sk Flocele + 0.6% HALAD-322 + 2% Gel + 2% MicroBond HT + 5% Salt	1,670	25%	14.35	1.24

**FLOAT EQUIPMENT & CENTRALIZERS**

SURFACE	Float shoe, 1 jt, float collar. Centralize first 3 joints & every fourth joint to surface. Thread lock FE & casing up to & including pin end of first joint above FC.
PRODUCTION	Float shoe, 2 jts, float collar. Centralize first 3 joints & every other joint across pay zones. Thread lock FE & casing up to & including pin end of first joint above FC.

**WELLHEAD EQUIPMENT**



TREE	2-1/16" 10M
TUBING HEAD	11" 5M X 7-1/16" 10M
CASING SPOOL	
CASING SPOOL	
CASING HEAD	9-5/8" SOW X 11" 5M

**COASTAL OIL & GAS CORPORATION  
DRILLING PROGRAM**

**BIT PROGRAM**

**ROCK BIT & PDC BIT PROGRAM**

INTERVAL	SIZE	BIT MFG & MODEL	GPM	SERIAL	NZLS	COMMENTS
Surface Hole	7-1/4"	Various	Air			
SC - Top of Wasatch	8-3/4"	Various	500-400			(No air below surf csg)
Wasatch	8-3/4"	Various (PDC)	500-400		0.5 TFA	
Mesaverde/Castlegate	8-3/4"	Various	450-350			

**GEOLOGICAL DATA**

**LOGGING:**

Depth	Log Type
SC - TD	DLL/Cal/SP/GR
SC - TD	Neutron/Density/GR
Optional	Sonic
Various	SWC's

**MUD LOGGER:** 2,500' - TD  
**SAMPLES:** As per Geology  
**CORING:** SWC's at selective intervals.  
**DST:** As per Geology

**MUD PROGRAM**

DEPTH	TYPE	MUD WT	WATER LOSS	VISCOSITY	TREATMENT
0-2,500'	Air/Mist/ Aerated Water	NA	NA		KCL
2,500'-TD	Water/Mud	8.5-10.5	NC - <10	30-45	KCL, Gel, LCM, Polymer

**ADDITIONAL INFORMATION**

Test casing head to 1,000 psi after installing. Test surface casing to 1,500 psi prior to drilling out.  
 BOPE: 11" 3M with one annular and 2 rams. Test to 3,000 psi (annular to 1,500 psi) prior to drilling out. Record on chart recorder & tour sheet. Function test rams on each trip. Maintain safety valve & inside BOP on rig floor at all times. Kelly to be equipped with upper & lower kelly valves.  
 Run Totco survey every 500' from surface casing shoe to TD. Maximum allowable hole angle is 5 degrees.

**PROJECT ENGINEER:** \_\_\_\_\_ **DATE:** \_\_\_\_\_  
 Blaine Yeary  
**PROJECT MANAGER:** \_\_\_\_\_ **DATE:** \_\_\_\_\_  
 Tom Young



**Coastal**  
The Energy People

**FACSIMILE COVER PAGE**

THIS TRANSMISSION CONSISTS OF \_\_\_\_\_ PAGES INCLUDING COVER SHEET

TO: Lisha Cordova @ FAX # 801-359-3940

FROM: Sheila Upchego @ FAX # 435-789-4436

If you have any problem receiving the above specified pages, please notify Coastal Oil & Gas Corp office @ 435-789-4433.

**Confidentiality Notice:**

This message is intended only for the use of the individual or entity designated above, is confidential and may contain information that is legally privileged or exempt from disclosure under applicable laws. You are hereby notified that any dissemination, distribution, copying or use of or reliance upon the information contained in and transmitted with this facsimile transmission by anyone other than the recipient designated by the sender is not authorized and strictly prohibited. If you have received this communication in error, please immediately notify the sender by telephone and return it to the sender by U.S. Mail, or destroy it if so instructed by the sender.

Thank you

*Lisha, We will need approval so that we can move on this well today. Please fax approval. If you have any question please give me a call.*

*Thanks,  
Sheila*

Form 3160-3 (November 1994)

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 to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED Budget Bureau No. 1004-0135 Expires July 31, 1996

5. Lease Serial No.

U- 01416

6. If Indian, Allottee or Tribe Name

N/A

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

8. Well Name and No.

Cige #206

9. API Well No.

43-047-32996

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

11. County or Parish, State

Uintah UT

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

Coastal Oil & Gas Corporation

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)

SE/SE Sec.4, T10S, R21E 326' FSL & 556' FEL

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

Table with columns: TYPE OF SUBMISSION, TYPE OF ACTION. Includes checkboxes for Notice of Intent, Subsequent Report, Final Abandonment Notice, Acidize, Alter Casing, Casing Repair, Change Plans, Convert to Injection, Deepen, Fracture Treat, New Construction, Plug and Abandon, Plug Back, Production (Start/Resume), Reclamation, Recomplete, Temporarily Abandon, Water Disposal, Water Shut-Off, Well Integrity, Other TD. Castlegate Formation.

13. Describe Proposed or Contemplated Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. 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 final site is ready for final inspection.)

Coastal Oil & Gas Corporation requests authorization to change to the Castlegate formation. TD- 10,700'

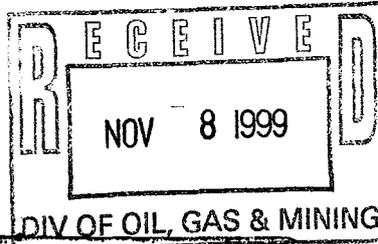
(fr. 8355')

Please refer to attached Drilling Program

Approved by the Utah Division of Oil, Gas and Mining

Date: 11/8/99

By: [Signature]



COPY SENT TO OPERATOR (Faxed)

Date: 11-9-99 Initials: CHD

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)

Katy Dow

Title

Environmental Secretary

Date 11/2/99

THIS SPACE FOR FEDERAL OR STATE OFFICE 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)

**Coastal Oil & Gas Corporation  
Cige #206  
Uintah County, UT**

**GEOLOGIC SURFACE FORMATION:**

SE/SE Sec.4, T10S, R21E

**ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:**

<u>Formation</u>	<u>Estimated Top</u>
KB	5078'
Green River	1415'
Wasatch	4630'
Mesaverde	7555'
Castlegate	9900'
TD	10500'



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 to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

5. Lease Serial No.

U-01416

6. If Indian, Allottee or Tribe Name

N/A

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

8. Well Name and No.

Cige #206

9. API Well No.

43-047-32996

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

11. County or Parish, State

Uintah County Utah

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

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

Coastal Oil & Gas Corporation

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)

SESE Sec.4, T10S, R21E 326' FSL & 556' FEL

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

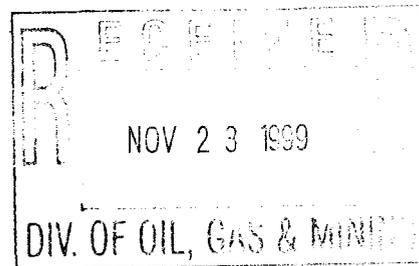
TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> 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 <u>Spud</u>
	<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 Operation (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 recompleat 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 recompleat 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 final site is ready for final inspection.)

11/8/99 MIRU W/Bill Martin Drlg. Drilled 84' of 17 1/2" Hole. Ran 90' of 14" Conductor pipe.  
Cmt Pumped 50 sx P-AG wt.15.6 yield 1.18.

11/9/99 Drilled 500' of 12 1/4" Hole.

Spud on 11/8/99 at 1:00 pm w/Bill Martin Drlg.



14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

Sheila Upchego

Title

Environmental Jr. Analyst

Date 11/17/99

**THIS SPACE FOR FEDERAL OR STATE OFFICE 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, and Title 43 U.S.C. Section 1212, 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.

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**

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

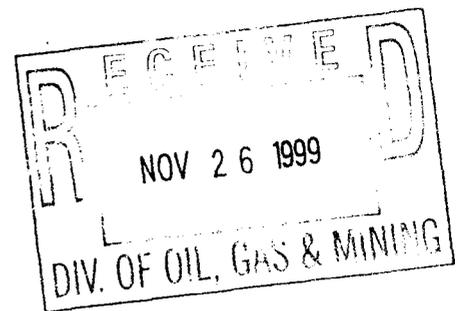
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. <b>U-01416</b>
2. Name of Operator <b>Coastal Oil &amp; Gas Corporation</b>		6. If Indian, Allottee or Tribe Name <b>N/A</b>
3a. Address <b>P.O. Box 1148, Vernal UT 84078</b>	3b. Phone No. (include area code) <b>(435)-781-7023</b>	7. If Unit or CA/Agreement, Name and/or <b>Natural Buttes Unit</b>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>SESE Sec.4, T10S, R21E 326' FSL &amp; 556' FEL</b>		8. Well Name and No. <b>Cige #206</b>
		9. API Well No. <b>43-047-32996</b>
		10. Field and Pool, or Exploratory Area <b>Natural Buttes Field</b>
		11. County or Parish, State <b>Utah County Utah</b>

**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 <u>Drilling</u>
			<u>Summary</u>

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zone. 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 day 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 final site is ready for final inspection.)

Drilled to 2500'. Circ. 9 5/8" Csg. Cmt w/520 sks Lite, 2% CaCl2, 1/4#/sk Flocele, 12.70# slurry. Tail w/210 sks 44.5 Bbls Class "G" w/2% CaCl2, 25#/sk Flocele, 15.60 slurry. Drop plug. Displace w/190 Bbls H2O. Bump plug. Good returns.



14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) <b>Katy Dow</b>	Title <b>Environmental Jr. Analyst</b>
<i>Katy Dow</i>	Date <b>11/22/99</b>

**THIS SPACE FOR FEDERAL OR STATE OFFICE 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	

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**

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5. Lease Serial No.  
**U-01416**

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

7. If Unit or CA/Agreement, Name and/or Natural Buttes Unit  
**Natural Buttes Unit**

8. Well Name and No.  
**CIGE #206**

9. API Well No.  
**43-047-32996**

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

11. County or Parish, State  
**Uintah UT**

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

**CONFIDENTIAL**

1. Type of Well  
 Oil Well  Gas Well  Other

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**SE/SE Sec.4, T10S, R21E  
326'FSL & 556'FEL**

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

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

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

13. Describe Proposed or Completed Operation (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 zone. 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 day 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 final site is ready for final inspection.)

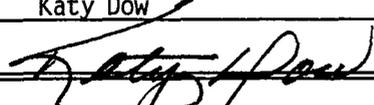
Coastal Oil & Gas Corporation requests that the subject well be placed on Confidential Status.

**RECEIVED**

**DEC 23 1999**

**DIVISION OF OIL, GAS & MINING**

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed) **Katy Dow** Title **Environmental Jr. Analyst**

 Date **12/20/99**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

DEC 23 1999

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

SUNDRY NOTICES AND REPORTS ON WELLS

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DIVISION OF OIL, GAS & MINING

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well  
 Oil Well  Gas Well  Other

CONFIDENTIAL

2. Name of Operator  
Coastal Oil & Gas Corporation

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)  
SE/SE Sec.4, T10S, R21E  
326' FSL &  
556' FEL

5. Lease Serial No.  
U- 01416  
6. If Indian, Allottee or Tribe Name  
N/A  
7. If Unit or CA/Agreement, Name and/or Natural Buttes Unit  
8. Well Name and No.  
Cige #206  
9. API Well No.  
43-047-32996  
10. Field and Pool, or Exploratory Area  
Natural Buttes Field  
11. County or Parish, State  
Uintah UT

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Extend TD</u>
	<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 Operation (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 zone. 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 day 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 final site is ready for final inspection.)

Coastal Oil & Gas Corporation proposes to change the TD on the subject well to 11,300'. Casing and Cement program will remain the same.

(fr. 10,700)

Please refer to attached Drilling Program

Federal Approval of this Action is Necessary

CONFIDENTIAL

COPY SENT TO OPERATOR  
Date: 12/28/99  
Initials: CHD

Approved by the Utah Division of Oil, Gas and Mining

Date: 12/27/99  
By: [Signature]

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)  
Katy Dow

Title  
Environmental Jr. Analyst

[Signature]

Date 12/22/99

THIS SPACE FOR FEDERAL OR STATE OFFICE 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 \_\_\_\_\_

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 to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

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

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		<b>CONFIDENTIAL</b>	5. Lease Serial No. <b>U- 01416</b>
2. Name of Operator <b>Coastal Oil &amp; Gas Corporation</b>			6. If Indian, Allottee or Tribe Name <b>N/A</b>
3a. Address <b>P.O. Box 1148, Vernal UT 84078</b>	3b. Phone No. (include area code) <b>(435) 781-7023</b>		7. If Unit or CA/Agreement, Name and/or No. <b>Natural Buttes Unit</b>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>SE/SE Sec.4, T10S, R21E 326' FSL &amp; 556' FEL</b>			8. Well Name and No. <b>Cige #206</b>
			9. API Well No. <b>43-047-32996</b>
			10. Field and Pool, or Exploratory Area <b>Natural Buttes Field</b>
			11. County or Parish, State <b>Uintah UT</b>

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

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

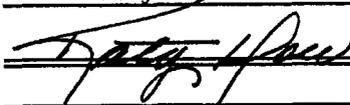
13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomplate 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 final site is ready for final inspection.)

Finished drilling to 10,800'. Ran 240 jts, 5 1/2" 17# 8RD P-110 Csg. Cmt w/300 sks HiFill Mod, 11.6 slurry w/6% EX1, 1/4#/sk Flocede, 2% FWCA, 10#/sk Gilsonite. Tail w/2900 sks 50/50 Poz, 14.35# slurry w/1/4#/sk Flocele, 6% Halad-322, 2% Gel, 2% HR5, 2% Micro Bond. Drop plug. Displace w/249 Bbls KCL H2O. Bump plug, plug held. Cleaned mud tanks, rig released @ 2400 hrs. on 1/5/99.

**RECEIVED**

**JAN 10 2000**

**DIVISION OF OIL, GAS & MINING**

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) <b>Katy Dow</b>	Title <b>Environmental Jr. Analyst</b>
	Date <b>1/6/00</b>

**THIS SPACE FOR FEDERAL OR STATE OFFICE 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, and Title 43 U.S.C. Section 1212, 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.

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 to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

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

5. Lease Serial No.  
U- 01416  
6. If Indian, Allottee or Tribe Name  
N/A

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

**CONFIDENTIAL**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
Coastal Oil & Gas Corporation

3a. Address P.O. Box 1148, Vernal UT 84078  
3b. Phone No. (include area code) 9435)781-7023

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
SE/SE Sec. 4, T10S, R21E  
326' FSL & 556' FEL

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

8. Well Name and No.  
Cige #206

9. API Well No.  
43-047-32996

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

11. County or Parish, State  
Uintah UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)
<input 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 <u>Completion Report</u>

13. Describe Proposed or Completed Operation (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 final site is ready for final inspection.)

The subject well was placed on production on 2/17/00. Please refer to the attached Chronological Well History.

**RECEIVED**  
**MAR 13 2000**  
**DIVISION OF OIL, GAS AND MINING**

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed) Katy Dow  
*Katy Dow*  
Title Environmental Jr. Analyst  
Date 3/7/00

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Office \_\_\_\_\_

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.

DATE: 02/16/00

WELL: CIGE 206

COUNTY: UINTAH

SEC: 26

FOREMAN: JD FOREMAN

FIELD: NBU

STATE: UTAH

TWS: 9 S.  
RGE: 21 E.

KB 18.00 10,000# W.H.

RIG No. GWS RIG #101  
R.C.SCOTT

Tbg Hanger 1.00

9-5/8" Csg @

2500'

CASING RECORD

SIZE	WT	GRADE	THD	FROM	TO
9 5/8"	36#	K-55		0	2500'
5 1/2"	17#	P-110		0	10,800'

TUBING RECORD

SIZE	WT	GRADE	THD	FROM	TO
2 3/8"	4.7#	N-80	8RD	0	9251'

JTS	PSN	TAC	MUD ANCHOR
289	9217'		Size _____ Length _____

SUCKER ROD RECORD

NO	SIZE	GRADE	CPLG

ROD ROTATOR Yes \_\_\_ No \_\_\_

GAS ACHOR Size \_\_\_\_\_ Length \_\_\_\_\_

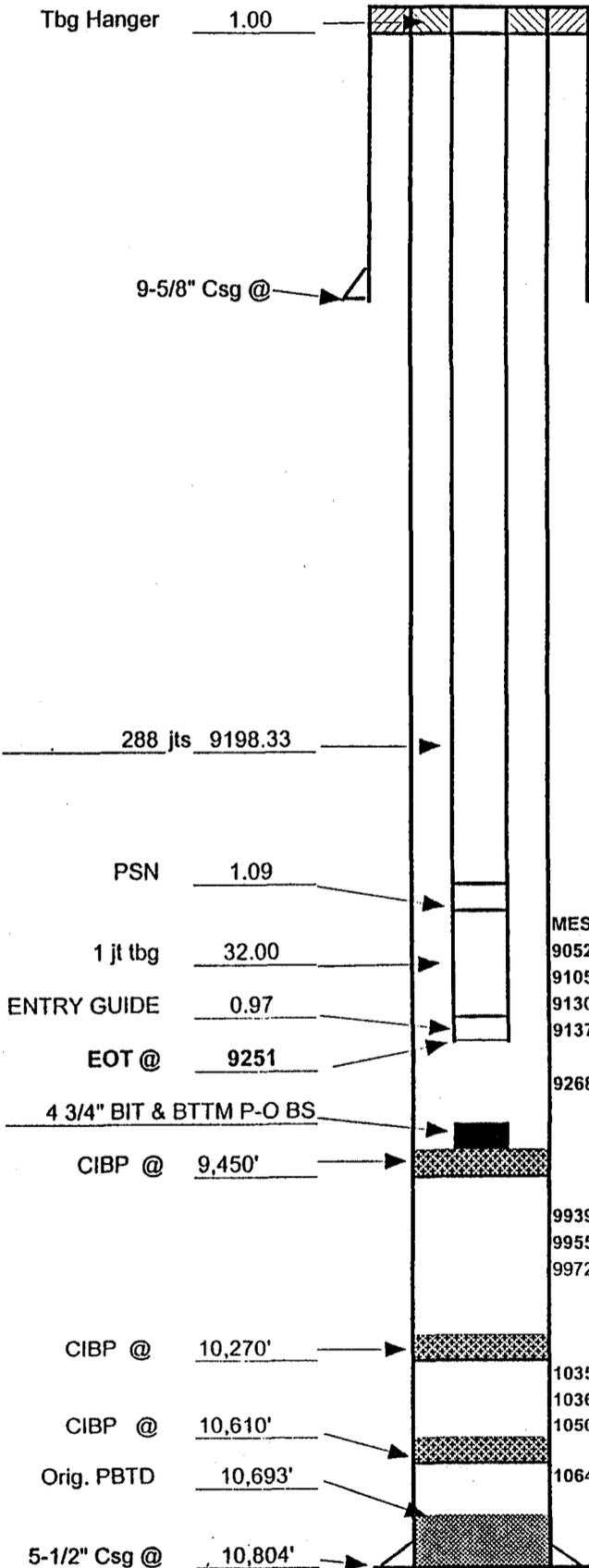
ROD GUIDE PLACEMENT (DESCRIBE):

PUMP DATA:

MANUFER	SIZE	DESCR
SPM		SL

COMMENTS/PERFORATIONS:

CURRENTLY PRODUCING MESAVERDE PERFS  
 9052'-64', 9105'-15', 9130'-32', 9137'-42', 9268'-88' ( 138 HOLES)  
 UPPER CASTLEGATE PERFS  
 9939'-45', 9955'-62', 9972'-85' ( 156 HOLES)  
 CIBP @ 10270'  
 LOWER CASTLEGATE PERFS  
 10,350'-56', 10,366'-76', 10,505'-13' ( 144 HOLES)  
 CIBP @ 10610' SND @ 10558'  
 10646'-54' ( 48 HOLES )



cc w/encl: Mr. Ferron Secakuku  
Ute Tribe  
Energy & Minerals Resource Department  
PO Box 70  
Ft. Duchesne, UT 84026

Mr. Charles Cameron  
Bureau of Indian Affairs  
Uintah & Ouray Agency  
Office of Minerals & Mining  
PO Box 130  
FT. Duchesne, UT 84026

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

RECEIVED  
MAY 15 2003  
DIVISION OF  
OIL, GAS AND MINING

**THE COASTAL CORPORATION  
PRODUCTION REPORT**

CHRONOLOGICAL HISTORY

**CIGE #206**

Page 1

NATURAL BUTTES UNIT  
 UTAH COUNTY, UTAH  
 PBTB: 10270' PERFS: 9052'-10654'  
 CSG: 5.5" @ 10804  
 FORMATION: CASTLEGATE

**CASTLEGATE COMPLETION**

Drilling: 11/18/99-01/06/00, Spud Date: 11/18/99

- 01/11/00** FAB IN 10,000# BOP SYSTEM. RODE RIG & EQUIP F/ THE JENKS 5-11. MIRU ND CAMERON 10K W.H., NU PRID-CO 10K BOPS, TEST BOPS & VALVES TO 500 PSI & 10,000 PSI, CONT MOVE IN EQUIP & RIG UP. SDFD.
- 01/12/00** UP TBG RIH. RIG UP 10,000# EQUIP CHOKE & LINE & PU UP 2 3/8" TBG RIH W/ BIT 1 JT XN NIPPLE 149 JTS 2 3/8" N-80 TBG EOT 4773'. SDFN.
- 01/13/00** MIRU OWP RUN LOGS. PU & RIH W/ 2 3/8" TBG TAG PBTB @ 10,693' MIRU DOWELL PICKLE TBG W/ 6 BBL 15% HCL REV HOLE OUT CLEAN W/ 250 BBL 3% KCL WTR RIG DOWN DOWELL, POOH. SDFN.
- 01/14/00** POOH & PERF. MIRU OWP & LOG RIH W/ TEOMPERATURE GR LOG & LOG F/ 4000' TO PBTB @ 10693'. POOH & PU RIH W/ CBL-GR-CCL LOG F/ 10693 TO 4000' CMT TOP @ 200' RIG DOWN OWP. RIH TO 6025' RIG UP & SWAB REC 83 BBL WTR FFL 4000'. POOH W/ 120 JTS 2 3/8" TBG EOT 2278'. SDFN.
- 01/15/00** POOH. MIRU OWP PU 3 1/8" POWER PAK FUN W/ 6 SPF 60 DEGREE PHASING RIH & PERF F/ 10646'-10654', NO CHANGE (0) PSI ON BLOW RIG DOWN OWP PU 5.5 HD PKR RIH SET PKR @ 10585' MIRU DOWELL. FILL CSG W/ 27 BBL HOLD 2000# ON CSG FILL TBG W/ 5 BBL PERF BRK @ 6738# @ 3 BPM PUMP 30 BBL @ 6.1 BPM @ 8567# ISITP 4380# 5 MIN 4280# 10 MIN 4243#, 15 MIN 4230#, 30 MIN 4188#. BLEED DOWN TO 0# IN 1 MIN. RIG DOWN DOWELL RIG UP TO SWAB WELL START TO FLOW. SITP 3900#, OPEN WELL ON 18 CK REC 4 BBL WTR WELL. DIED OPEN TO PIT FLOWING A 1/2" STREAM. TURN WELL TO FLOW BACK CREW. SDFN.
- 01/16/00** FRAC MONDAY. 0# ON TBG, RIG UP & SWAB IFL 700', FFL 8550', REC 88 BBL WTR NO GAS, SHUT DOWN 1 HR RIH W/ SWAB, NO ENTRY. RIG DOWN SWAB RLS PRK, POOH. SDFWE.
- 01/17/00** MAKE WL TD RUN W/ OWP. MIRU DOWELL, HOLD SAFETY MEETING, TEST SURF 10,300#. SAND FRAC LWR CASTLEGATE 10,646'-54' (48 HOLES) DN CSG. W/ 35# YF135LG GEL, & 20/40 BAUXITE SAND. MTP=10,000#. PAD--59.5 BBL GEL. 1#PPG 35.7 BBL GEL. 1500# 20/40 BAUXITE SAND. 2#PPG 35.7 BBL GEL. 3000# 20/40 BAUXITE SAND. 3#PPG 119 BBL GEL. 15,000# 20/40 BAUXITE SAND. 4#PPG 119 BBL GEL. 20,000# 20/40 BAUXITE SAND. 5#PPG 47.6 BBL GEL. 10,000# 20/40 BAUXITE SAND. FLUSH 246 BBL SLICK WTR. ISIP=4669#, 5 MIN=4326#, 10 MIN=4158#, 15 MIN=4051#. MAX=7086# @ 25.5 BPM, AVG=4820# @25 BPM, FRAC GRAD=.87. TOTAL LOAD=663 BBL. TOTAL SAND=49,500#. RDMO DOWELL. **10:30AM:** SICP=3600 PSI, OPEN TO FLOW BACK TANK, 12/64 CK. **11:30AM:** FCP=3400 PSI, 12/64 - 18/64 CK, REC 28 BBL WTR, N/S. **12:30PM:** FCP=300 PSI, 18/64 CK, REC 63 BBL WTR, N/S. **1:30PM:** FCP= 25 PSI, 18/64-FULL REC 17 BBL WTR, N/S. **2:30PM:** FCP=0# PSI, FULL CK, REC 16 BBL WTR, N/S. **3:30PM:** FCP = 0# PSI, FULL CK, REC 5 BBL WTR, N/S. REC 129 BBL WTR, NO SAND, 5 HRS. SD RIG CREW. TURN OVER TO BRECO FLOW TESTERS.
- 01/19/00** FRAC CASTLEGATE. MIRU OWP RIH W/ SINKER BARS TAG FILL @ 10622'. POOH PU 5.5 CIBP RIH SET @ 10610'. POOH PU 3 1/8" POWER PAK GUN LOADED W/ 22.7 GRAM CHARGES 6 SPF. 60 DEGREE PHASING PERF F/ 10505' - 10513'. POOH RIG DOWN OWP. NO CHANGE IN F/L, NO PSI. SDFN, PREP TO FRAC.
- 01/20/00** MIRU CUDD. MIRU DOWELL & CUTTERS FRAC CASTLEGATE PERF F/ 10505'-10513' W/ 852 BBL 35# YF135LG + 79720# F/ 20/40 BAUXITE SAND PERF BRK @ 5777# @ 4BPM MAX RATE 25.3 BPM, AVG RATE 25.1 BPM MAX PSI 5241#, AVG PSI 4542#. ISITP 4074#, PU RIH 5.5 COMPOSITE START IN HOLE W/ PLUG STUCK IN BOP TRY TO WORK PLUG FREE COULD NOT FREE PLUG. SET PLUG IN TOP F/ CSG W/ 3700# ON CSG BELOW PLUG. SDFN W/ SNUBBING UNIT.

- 01/21/00 SNUB IN & DRLG PLUG. RIG UP CUDD & SERVER RIG TO SNUB & DRLG OUT PLUG W/O TOOLS. SDFN
- 01/22/00 RIH W/ SMALL MILL DRLG PLUG. PU 2 7/8" DRILL PIPE MAKE 4 3/4" MILL RIH TAG PLUG @ 1' IN TOP OF CSG TEST CUDD BOP & LINES DRLG ON PLUG. STOP MAKE HOLE POOH W/ MILL. A RING CUT ON OUTSIDE OF BTM OF MILL. SDFN. TURN WELL TO FLOW BACK CREW. FLOW WELL 12HRS. REC 396 BBL WTR ON GAS LEFT TO REC 266 BBL.
- 01/23/00 ND BOP & WH LOOK @ TIGHT SPOT. PU & RIH W/ 4 1/4" MILL. MILL ON PLUG 15 MIN. FILL FREE, POOH, PU 4 3/4" STRING MILL ROTATE IN & OUT OF TITE SPOT. POOH MIRU CUTTERS RIH W/ JB/ GR PUSH BTM HALF OF PLUG TO 10,580'. POOH PU 5.5 COMP BP RIH SET @ 10,475. POOH, RD CUTTERS & RD CUDD. SWI. SDFN.
- 01/24/00 DAND FRAC LWRCastleGATE 10350' - 10376'. ND PRIDECO 10K BOPS. VISUALLY INSPECT CSG. OK NU PRIDECO 10K BOPS. TEST TBG HEAD VOID 5000 PSI, OK. MIRU DOUBLE JACK TESTERS. TEST BOP & VALVES TO 500#. LOW 10,000# HIGH. NO LEAKS. RDMO DOUBLE JACK. MIRU CUTTERS WLS PERF LOWER CASTLEGATE:  
 10,366' - 10,376' 60 HOLES  
 10,350' - 10,356' 36 HOLES  
 W/ 3 3/8" PWR PAK GUNS, 22.7 GRAM, 0.45" EHD, 6 SPF, 60 DEG FL @ SURF, END PSI=0#. RDMO CUTTERS. SWI, SDFD.
- 01/25/00 DRILL OUT CBP'S. 5AM: MIRU DOWELL. HELD SAFETY MEETING. TEST SURF TO 10,900#. SAND FRAC LOWER CASTLEGATE. 10,350' -10,376' ( 96 HLS ) W/ 35# YF-135LG GEL & 20/40 ACFRAC BLACK SAND
- PAD 261 BBL GEL. 5450 PSI @ 35.2 BPM  
 1PPG 261 BBL GEL, 10,880# 20/40 SAND, 5150 PSI @ 35.3 BPM  
 2PPG 257 BBL GEL, 20,020# 20/40 SAND, 5040 PSI @ 35.3 BPM  
 3PPG 429 BBL GEL, 48,623# 20/40 SAND, 4750 PSI @ 35.4 BPM  
 4PPG 1187 BBL GEL, 153,477# 20/40 SAND, 5000 PSI @ 40 BPM  
 5PPG 373 BBL GEL, 68,400# 20/40 SAND, 4800 PSI @ 38.2 BPM  
 6PPG 78 BBL GEL, 15,500# 20/40 SAND, 4750 PSI @ 38.3 BPM  
 FLUSH 240 BBL SLICK WTR, 4890 PSI @ 30.5 BPM ISIP=4486 PSI  
 TOTAL LOAD= 3173 BBL. TOTAL SAND= 316,900#, FRAC GRAD.86 MAX= 5772 PSI @ 40.4 BPM. AVG= 5032 PSI @ 39 BPM RDMO DOWELL. 11:30AM: MIRU OWP WLS. RIH & SET 5 1/2" X 17# H-S 10,000# CBP @ 10280' W/ 4000 PSI ON THE WELL. RDMO OWP. 3PM: LWR DRILLER'S PLATFORM F/ SNUBBING. PU & RIH W/ 4 3/4" MILL TOOTH BIT, BIT SUB, "XN" PROFILE, 1 JT 2 3/8" TBG, "X" PROFILE & 100 JTS 2 3/8" N-80- TBG. EOT@ 3206'. 6PM : SWI, SDFD.
- 01/26/00 FLOW TESTING WELL. RIH TAG @ 10479'. DRLG OUT PLUG TOOK A 2500# KICK. RIH TAG PLUG @ 10,475' DRLG OUT PLUG. RIH TO 10,580'. POOH TO 10,180', LAND TBG ON WH, EOT @ 10,180' XN NIPPLE 1 JT X NIPPLE , 317 JTS 2 3/8" N-80 TBG , 200# FLOWING TBG PSI 1600# ON CSG. REC 1199 BBL FRAC WTR. TURN WELL TO FLOW BACK CREW.
- 01/27/00 FLOW TEST. WELL TRYING TO FLOW 100# ON CSG 50# ON TBG. RIG UP & TRY TO SWAB WELL, KICKING TOO HARD TO SWAB.
- |          | CSG PRESS                             | TBG PRESS | CHOKE        | WATER REC |
|----------|---------------------------------------|-----------|--------------|-----------|
| 10:00AM: | 100# PSI                              | 50# PSI   | 24/64'       | 25 BBL    |
| 11:00AM: | 100# PSI                              | 35# PSI   | 24/64'       | 14 BBL    |
| 12:00PM: | 50# PSI                               | 75# PSI   | 18/64'       | 8 BBL     |
| 1:00PM:  | 75# PSI                               | 190# PSI  | 10/64'       | 6 BBL     |
| 2:00PM:  | RIG UP AIR FOAM UNIT BOOST CSG PRESS. |           |              |           |
| 3:00PM:  | 1900# PSI                             | 359# PSI  | 24/64'       | 41 BBL    |
| 4:00PM:  | 1600# PSI                             | 0# PSI    | FULL OPEN-2" | 16 BBL    |
| 4:30PM:  | 100# PSI                              | 0# PSI    | FULL OPEN-2" | 7 bbl     |
| 5:00 PM: | SWI, SDFN. REC 153 BBL FRAC WATER.    |           |              |           |
- 01/28/00 MIRU OWP SET PLUG & PERF. 1050# ON CSG ON TBG OPEN WELL ON A FULL OPEN 2" FLOW F/ 2 HRS. REC 41 BBL FRAC FLUID, TRACE OF SAND. WELL DIED. RU & SWAB. IFL SURF, FFL 1300', REC 70 BBL FRAC FLUID. RD, SWAB EQUIP, POOH. SWI, SDFN.
- 01/29/00 BRK PERF. MIRU OWP RIH W/ 5.5 10K CIBP SET @ 10270'. POOH PU 3 3/8" POWER PAK GUN LOADED W/ 22.7 GRAM CHARGES 6 SPF. RIH PERF F/ 9972'-9985'. NO CHANGE IN FL, NO BLOW, POOH, RIG DOWN OWP PU XN NIPPLE 8' PUP 5.5 PKR ON/OFF TOOL. 1 JT X NIPPLE 308 JTS 2 3/8" TBG. RIH SET PKR @ 9880'. EOT @ 9893'. RIG UP & SWAB. IFL SURF, FFL 6400', REC 20 BBL WTR. SIW, SDFN.

- 01/30/00** SET PLUG & PERF. 80# TP BLOW DOWN. RIH W/ SWAB. TAG FLUID @ 8000'. MIRU HOWCO. BRK PERF @ 9972' - 9985'. FILL TBG W/ 29 BBL 3% KCL. PERF BREAK @ 4064# @ 2.1 BPM. PUMP 10 BBL IN TO PERF @ 5280# @ 3.8 BPM. ISITP 2890#, 5 MIN 2503#, 10 MIN 2421#, 15 MIN 2371#. RIG DOWN HOWCO. RIG UP & SWAB. IFL SURF, FFL 9000'. REC MAKING 1 SWAB RUN PER HR. RIG DOWN. SWAB EQUIP, SWI, SDFN.
- 02/01/00** SWAB TBG. SICP: 0#, SITP: 100#, BLOW WELL DN. PMP 50 BBL 3% DN TBG RLS 5 1/2" X 17# ARROW SET "1" PKR @ 9880'. POOH W/ PKR. NO PKR, RIH LATCH PKR @ 1400', POOH W/ PKR. MIRU OWP WLS, RIH & SET 5 1/2" X 17# RBP @ 9967'. FILL CSG W/ 23 BBL 3% KCL. TEST 1000 PSI, 15 MIN, OK. RIH & PERF UPPER CASTLEGATE 9955' - 62' (42 HLS) W/ 3 3/8" PWR PAK GUNS, 22.7 GRAM, 0.47" EHD, 6 SPF, 60 DEG PHASING. FL @ SURF, 0# PSI. RDMO OWP WLS. PU & RIH W/ "XN" PROFILE, 8' X 2 3/8" N-80 TBG SUB, 5 1/2" X 17#. ARROW SET "1" PKR, ON/OFF TOOL W/ "X" PROFILE, 1 JT 2 3/8" N-80 TBG, "X" PROFILE, & JTS 2 3/8" 4.7# N-80 TBG. SWI, SDFD. PKR @ 9849'. EOT @ 9861'.
- 02/02/00** CHECK PRESS / SWAB TEST. SITP=400 PSI, SICP=0 PSI. OPEN & BLEW DWN. RU SWAB EQUIP. IFL = 1000', PARTED SANDLINE @ 1400', POOH TOO FAST. RELEASE 5 1/2" PKR @ 9849'. POOH TO RETRIEVE SND LINE. INPSECT PKR, RIH W/ "X" N-80 TBG SUB, 5 1/2" ARROW. SET 1 PKR ON/OFF TOOL W/ 1.87" "X" PROFILE NIPPLE. 1 JT 2 3/8" TBG "X" NIPPLE, 307 JTS 2 3/8" TBG, SET PKR @ 9849', EOT @ 9861'. POUR NEW ROPE SOCKET. RU SWAB EQUIP. IFL 2000'. SWABBED 1.5 HRS, REC 22 BBLS WTR. FFL 8100'. RD SWAB EQUIP. DRAIN LINES. SIW, SDFD.
- 02/03/00** POOH. 100# ON WELL. RIG UP & SWAB. IFL 7100', FFL 8800'. MADE 2 RUNS. REC 6 BBL WTR NO GAS. RUN#3 DRY FLUID @ 8800'. NO ENTRY CAN NOT SWAB PASTED 8800'. E/O SAND LINE W/ 2 HRS RUN #4 DRY NO ENTRY. MAKE 1 RUN EVERY 2 HRS. RUN #5 DRY FLUID 8800', NO ENTRY NO GAS. MIRU HOWCO FILL TBG W/ 26 BBL 3% KCL. PERF BRK @ 4247# @ 2 BPM PUMP 10 BBL @ 4.5 BPM @ 5800#. ISITP 2870#. 5 MIN 2538#, 10 MIN 2417#, 15 MIN 2326#. RIG DOWN HOWCO. SWAB 1.5 HRS 4 RUNS. REC 22 BBLS WTR. FFL 7600'. RD SWAB EQUIP. RELEASE 5 1/2" ARROW SET 1 PKR @ 9849'. POOH W/ 160 JTS 2 3/8" N-80 TBG TO EOT @ 4756'. SWI, SDFD.
- 02/04/00** FRAC. POOH & L/D PKR P/U RET TOOL F/ 5.5 RBP RIH LATCH PLUG @ 9800'. PULL 6 STD SD. STRING UP NEW SAND LINE. POOH W/ RBP. MIRU CUTTERS P/U 3 3/8" GUN LOADED 6 SPF 60 DEG PHASING & PERF F/ 9939'-9945'. NO CHANGE, NO BLOW. POOH & RD CUTTERS. SDFN.
- 02/05/00** FLOW TESTING. MIRU HOWCO FRAC UPPER CASTLEGATE PERF @ 9939'-9985' W/ 142487# 20/40 ACFRAC BLACK SAND + 1724 BBL OF 35# PURGEL III PERF BRK @ 3756# 7 BPM. CUT FRAC IN 4# STAGE. DID NOT PUMP 5&6# STAGE, MAX PSI 5436#, AVG PSI 3507#, MAX RATE 45.7, AVG RATE 35.5, F.G. .85, ISICP 4036#, 5 MIN 3294#, RIG HOWCO. OPEN WELL TO 12/64 CHK, FLOWING CSG PRESS 2600#. FLOWING CSG PRESS 2500#. 12/64 CH REC 38 BBL WTR. FCP 2450# ON 12/64 CH. REC 55 BBL FRAC WTR. **2:00 PM:** FCP 2350#, 12/64" CHK, REC 55 BBL. **3:00 PM:** FCP 2300#, 12/64" CHK, REC 55 BBL. **4:00 PM:** FCP 2200#, 12/64" CHK, REC 55 BBL. TOTAL FLUID REC 258 BBL FRAC WTR. TURN WELL TO FLOW BACK CREW.
- 02/06/00** FLOW TESTING. WELL FLOWING ON 22 CHK 500# CP. MIRU PLS RIH W/ TRACER LOG. LOG WELL TOOLS DID NOT WORK. RERUN LOG ACROSS PERFS F/ 9939' TO 9985'. SWI, SDFWE.
- 02/08/00** CK PRESS & SWAB. RIH W/ NC, 1 JT, XN & 2 3/8" TBG. EOT @ 9913', RU SWAB 3 1/2 HRS, 8 RUNS, IFL--SURF, FFL-1900', 94 BBLS WTR, SICP-150#, SWI, SDFN. NOTE: 96 BBLS WTR LEFT TO RECOVER IN THIS ZONE.
- 02/09/00** SWAB. SICP=700 PSI, SITP=750 PSI, BLEW WELL DWN RU SWAB EQUIP. IFL=1500'. SWABBED 2 HRS 3 RUNS REC 44 BBLS WTR WELL FLOWING. FLOWED 2 HRS, FULL OPEN 0 PRESS REC 25 BBLS. RU SWAB IFL=1600'. SWAB 7 HRS MADE 13 RUNS REC 121 BBL FFL=3800'. RD SWAB EQUIP DROP 2 SOAP STIX, SWI. FSICP=425 PSI. SDFD.
- 02/10/00** CHECK PRESSURE, SWABBING. 900# CP, 700# TP, BLOW DOWN. RU & SWAB IFL-1800'. SWAB 10 HRS, 21 RUNS. REC 193 BBL. FFL-5400'. SWABBING FROM 9800'. FSICP-700#. RD SWAB. DRAIN PUMP & LINES.

- 02/11/00      **FRAC MONDAY.** 900# CP, 700# TP. RIH W/ SWAB TAG FLUID @ 3400' REC 6 BBL. RD SWAB EQUIP. POOH MIRU CUTTERS. RIH W/ 5.5 CIBP. SET @ 9450'. POOH PU 4" GUNS LOADED W/ 4 SPF 90 DEGREE PHASING PERF F/ 9268'-9288' 80 HOLES NO BLOW NO CHANGE. RD CUTTERS, CHANGE RAM. SWI, SDFN.
- 02/12/00      **FRAC MONDAY.** W/O FRAC CREW.
- 02/15/00      **RIH & C/O SAND & CBP'S.** SICP-959#, RU HES, FRAC MV PERF'S F/ 9268'-88', W/ 20/40 SAND WEDGE & 20# DELTA FLUID/GEL, W/ 500 GALS 28% HCL F/ NST PERF'S, FILL CSG W/ 92 BBLs 3% KCL. **STAGE 1:** 4096# BRK @ 19.8 BPM, MP-4947#, AP-3600#, MR-25.7 BPM, AR-25 BPM, ISIP-4276#, FG .89, TTL LOAD 909 BBLs, 64,500# SAND, RIH & SET CBP @ 9210', PERF W/ 4" CSG GUNS 2 SPF, 90 DEG PHASING AS FOLLOWS: 9137-42' (10 HOLES), 9130-32' (4 HOLES), 9105-15' (20 HOLES), 9052'-64' (24 HOLES), 0 PSI. **STAGE 2:** 4241# BRK @ 3 BPM, MP-4496#, AP-3100#, MR-41.6 BPM, AR-40 BPM, ISIP-3280#, FG .80, TTL LOAD 898; 84,000# SAND, RIH & SET CBP @ 8950', RD WLS & HES, RIH W/ 4 3/4" TOOTH BIT, PMP OFF SUB, 1 JT, SN & 2 3/8" TBG W/ EOT @ 8734' SWI. SDFN.
- 02/16/00      **FLOW TESTING.** RIH TAG PLUT @ 8950'. RU DRLG EQUIP, BRK CIRC, DRLG OUT PLUG. RIH TAG SAND @ 9175', CIRC OUT TAG PLUG @ 9210. DRLG OUT PLUG SWIVEL IN HOLE, TAG PBTD @ 9450'. L/D 7 JTS LAND ON WH W/ 289 JTS 2 3/8" N-80 TBG. EOT 9251'. S/N 9217', RD FLOOR, ND BOPS, NU WH, PUMP OFF BIT SUB. TURNS WELL TO FLOW BACK CREW. FTP: 700#, CP: 1200#. FLOWING TO FLOW BACK TANK.
- 02/17/00      **WELL ON PROD.** RACK OUT PUMP & LINES POWER SWIVEL, BOPS & EQUIP J WEST BED TRK STUCK IN MUD BY RIG. MAINTAINER PO. RD GWS RIG #101. MO.
- 02/19/00      **PROG:** FLWD 1004 MCF, 181 BW, FTP: 1440#, CP: 1670#, 20/64" CK, 20 HRS, LP: 270#, LLTR: 760 BBLs.
- 02/20/00      **PROG:** FLWD 879 MCF, 136 BW, FTP: 395#, CP: 1100#, 64/64" CK, 24 HRS, LP: 266#, LLTR: 624 BBLs.
- 02/21/00      **PROG:** FLWD 908 MCF, 91 BW, FTP: 340#, CP: 500#, 64/64" CK, 24 HRS, LP: 266#, LLTR: 533 BBLs.
- 02/22/00      **PROG:** FLWD 845 MCF, 85 BW, FTP: 340#, CP: 680#, 64/64" CK, LP: 267#, LLTR: 448 BBLs.  
**IP DATE:** 02/20/00. **IP:** FLWG F/ LWR MESA VERDE 908 MCF, 91 BW, FTP: 340#, CP: 500#, 64/64" CK, 24 HRS, LP: 266#.

**FINAL REPORT.**

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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FORM APPROVED  
OMB NO. 1004-0137  
Expires: November 30, 2000

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5. Lease Serial No. U-01416

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

7. Unit or CA Agreement Name and No. Natural Buttes Unit

8. Lease Name and Well No. CIGE #206

9. API Well No. 43-047-32996

10. Field and Pool, or Exploratory Survey of Area Natural Buttes Field

11. Sec., T., R., M., or Block and Section of Area Section 4-T10S-R21E

12. County or Parish Uintah 13. State Utah

17. Elevations (DF, RKB, RT, GL)\* 5077.9' Ungraded GR

1a. Type of Well  Oil Well  Gas Well  Dry  Other

b. Type of Completion:  New Well  Work Over  Deepen  Plug Back  Diff. Resvr., Other

2. Name of Operator Coastal Oil & Gas Corporation

3. Address P.O. Box 1148, Vernal, UT 84078 3a. Phone No. (include area code) (435) 781-7021

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface SESE 326' FSL 556' FEL  
At top prod. interval reported below 9142'  
At total depth 10800'

14. Date Spudded 11/8/99 15. Date T.D. Reached 1/5/00 16. Date Completed  D & A  Ready to Prod. 2/17/00

18. Total Depth: MD TVD 10800' 19. Plug Back T.D.: MD TVD 9450' 20. Depth Bridge Plug Set: MD TVD Page #3

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL, CCL, GR 22. Was well cored?  No  Yes (Submit analysis)  
Was DST run  No  Yes (Submit report)  
Directional Survey?  No  Yes (Submit)

23. Casing and Liner Record (Report all strings set in well)

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Hole Size	Size/Grade	Wt.(#ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No.of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17-1/2"	14" K55	50	0	84'		50 P-AG	0	to surface	
12-1/4"	9-5/8" K55	36	0	2500'		310 Class G	0	to surface	
8-3/4"	5-1/2" P110	17	0	10800'		210 Hi Fill	640	to surface	
						2900 POZ			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-3/8"	9251'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Mesaverde	9052'	10654'	Refer to Page #34'			
B)			attachment			
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
Refer to Page #3 attachment	

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
2/17/00	2/20/00	24	→	0	908	91	0		flowing
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
64/64	340	500	→	0	908	91	0	producing	

28a. Production-Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
			→						

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PERIOD EXPIRES 3-12-01

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. →	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

28c. Production-Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. →	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)  
 sold, used for fuel

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
Green River	1415	4637	<b>CONFIDENTIAL</b>	<b>CONFIDENTIAL</b>	
Wasatch	4637	7555			
Mesaverde	7555				

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32. Additional remarks (include plugging procedure):

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33. Circle enclosed attachments:

- 1. Electrical/Mechanical Logs (1 full set req'd)
  - 2. Geologic Report
  - 3. DST Report
  - 4. Directional Survey
  - 5. Sundry Notice for plugging and cement verification
  - 6. Core Analysis
  - 7. Other
- Chronological Well History  
 Page #3 Attachment #20, #26, #27

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) Deanna Bell Title Environmental Secretary  
 Signature *Deanna Bell* Date 3/7/00

Lease Serial No. U-01416

CIGE #206

20. Depth Bridge Plug Set  
9450'  
10270'  
10610'

26. Perforation Record

Perforated Interval	Size	No. Holes
10646-54'	8	48
10505-13'	8	48
10366-76'	10	60
10350-56'	6	36
9972-85'	13	78
9955-62'	7	42
9939-45'	6	36
9268-88'	20	80
9137-42'	5	10
9130-32'	2	4
9105-15'	10	20
9052-64'	12	24

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.
- |              |  |
|--------------|--|
| 10646-10654' | 49,500# 20/40 sand, 663 bbls 35# YF-135GL gel    |
| 10505-10513' | 79,720# 20/40 sand, 852 bbls 35# YF-135LG gel    |
| 10350-10376' | 316,900# 20/40 sand, 3173 bbls 35# YF-135LG gel  |
| 9939-9985'   | 142,487# 20/40 sand, 1724 bbls 35# YF-135LG gel  |
| 9268-9288'   | 64,500# 20/40 sand, 909 bbls Delta Frac, Stage 1 |
| 9052-9142'   | 84,000# 20/40 sand, Stage 2                      |

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CIGE NO. 206 WELL  
CASTLEGATE FORMATION  
OURAY FIELD  
UINTAH COUNTY, UTAH

ROTARY SIDEWALL CORE ANALYSIS

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**Rotary Sidewall Core Retrieval**

Downhole coring equipment was used to retrieve four (4) rotary sidewall cores from the subject well. The cores were placed into glass jars at the wellsite by a representative of the wireline company. Prior to running our analysis, each plug was flushed with a methanol and toluene mixture for a period of 8 hours.

**Analytical Testing - Rotary Sidewall Cores**

Four (4) 0.92 inch diameter rotary cores were selected for porosity and permeability measurements at ambient conditions (Table #1).

The combustible gas of each sample is measured first. Gas units above 20.0 are normally associated with hydrocarbon bearing reservoirs and are rarely ever found in water productive zones; however, the absence of gas detector readings may be due to the time involved in examining the cores before sealing.

Grain volume was determined using a Boyle's Law helium porosimeter. Porosity and grain density values were then calculated and are presented in tabular form in this report. Fluid saturation data was obtained by Dean-Stark analysis.

Permeability values were determined utilizing a steady state permeameter with a confining pressure of three hundred and fifty psi and nitrogen as the measuring media.

It has been a pleasure working for Coastal Oil and Gas Corporation. If we can be of further assistance, please feel free to contact our office.



Mark J. Davies  
Division Manager

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Bradley E. Milligan  
Sr. Geologist / Sr. Core Analyst

TABLE 1

ROTARY SIDEWALL CORE ANALYSIS (RUN #1)

Company: Coastal Oil and Gas Corporation  
 Well: CIGE No. 206  
 Formation: Castlegate  
 Location: Uintah County, Utah

Job No.: D 4409  
 Coring Co.: Schlumberger  
 Drilling Fluid: Water-based

DEPTH Ft	POROSITY %	PERMEABILITY md	KLINKENBERG PERMEABILITY md	GRAIN DENSITY g/cc	SATURATION % P.V.		COMB GAS UNITS (0-200)	LITHOLOGICAL DESCRIPTION	SAMPLE NUMBER
					OIL	WATER			
9286	10.7	0.066	0.027	2.67	0.0	24.3	21	Sandstone, light gray, very fine grained, subangular to subround, moderate to well sorted, well consolidated, very slightly calcareous, very slightly shaly.	001
10128	7.6	0.039	0.014	2.68	0.0	26.3	20	Sandstone, light gray, very fine grained, subangular to subround, well sorted, well consolidated, slightly calcareous, slightly shaly.	002
10371	4.7	0.015	0.006	2.69	0.0	33.3	23	Sandstone, light gray, very fine grained, subangular to subround, well sorted, well consolidated, calcareous, slightly shaly, trace pyrite.	003
10509	6.5	0.018	0.007	2.68	0.0	54.6	15	Sandstone, light gray, very fine grained, subangular to subround, well sorted, well consolidated, slightly calcareous, slightly shaly.	004

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TBFA = Too Broken For Analysis

THE COASTAL CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

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Page 1

**CIGE #206**

NATURAL BUTTES UNIT  
UINTAH COUNTY, UTAH  
TD: 6,200' CSG: 4 1/2" @ 6,200'  
PERFS: 5335'- 6064'

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SDUD @ 1:00PM @ 11/8/99  
11/17/99 BUILD LOCATION  
11/18/99 TO

DRILLING

- 01/11/00** FAB IN 10,000# BOP SYSTEM. RODE RIG & EQUIP F/ THE JENKS 5-11. MIRU ND CAMERON 10K W.H., NU PRID-CO 10K BOPS, TEST BOPS & VALVES TO 500 PSI & 10,000 PSI, CONT MOVE IN EQUIP & RIG UP. SDFD.
- 01/12/00** UP TBG RIH. RIG UP 10,000# EQUIP CHOKE & LINE & PU UP 2 3/8" TBG RIH W/ BIT 1 JT XN NIPPLE 149 JTS 2 3/8" N-80 TBG EOT 4773'. SDFN.
- 01/13/00** MIRU OWP RUN LOGS. PU & RIH W/ 2 3/8" TBG TAG PBTD @ 10,693' MIRU DOWELL PICKLE TBG W/ 6 BBL 15% HCL REV HOLE OUT CLEAN W/ 250 BBL 3% KCL WTR RIG DOWN DOWELL, POOH. SDFN.
- 01/14/00** POOH & PERF. MIRU OWP & LOG RIH W/ TEMPERATURE GR LOG & LOG F/ 4000' TO PBTD @ 10693'. POOH & PU RIH W/ CBL-GR-CCL LOG F/ 10693 TO 4000' CMT TOP @ 200' RIG DOWN OWP. RIH TO 6025' RIG UP & SWAB REC 83 BBL WTR FFL 4000'. POOH W/ 120 JTS 2 3/8" TBG EOT 2278'. SDFN.
- 01/15/00** POOH. MIRU OWP PU 3 1/8" POWER PAK FUN W/ 6 SPF 60 DEGREE PHASING RIH & PERF F/ 10646'-10654', NO CHANGE (0) PSI ON BLOW RIG DOWN OWP PU 5.5 HD PKR RIH SET PKR @ 10585' MIRU DOWELL. FILL CSG W/ 27 BBL HOLD 2000# ON CSG FILL TBG W/ 5 BBL PERF BRK @ 6738# @ 3 BPM PUMP 30 BBL @ 6.1 BPM @ 8567# ISITP 4380# 5 MIN 4280# 10 MIN 4243#, 15 MIN 4230#, 30 MIN 4188#. BLEED DOWN TO 0# IN 1 MIN. RIG DOWN DOWELL RIG UP TO SWAB WELL START TO FLOW. SITP 3900#, OPEN WELL ON 18 CK REC 4 BBL WTR WELL. DIED OPEN TO PIT FLOWING A 1/2" STREAM. TURN WELL TO FLOW BACK CREW. SDFN.
- 01/16/00** FRAC MONDAY. 0# ON TBG, RIG UP & SWAB IFL 700', FFL 8550', REC 88 BBL WTR NO GAS, SHUT DOWN 1 HR RIH W/ SWAB, NO ENTRY. RIG DOWN SWAB RLS PRK, POOH. SDFWE.
- 01/17/00** MAKE WL TD RUN W/ OWP. MIRU DOWELL, HOLD SAFETY MEETING, TEST SURF 10,300#. SAND FRAC LWR CASTLEGATE 10,646'-54' (48 HOLES) DN CSG. W/ 35# YF135LG GEL, & 20/40 BAUXITE SAND. MTP=10,000#. PAD--59.5 BBL GEL. 1#PPG 35.7 BBL GEL. 1500# 20/40 BAUXITE SAND. 2#PPG 35.7 BBL GEL. 3000# 20/40 BAUXITE SAND. 3#PPG 119 BBL GEL. 15,000# 20/40 BAUXITE SAND. 4#PPG 119 BBL GEL. 20,000# 20/40 BAUXITE SAND. 5#PPG 47.6 BBL GEL. 10,000# 20/40 BAUXITE SAND. FLUSH 246 BBL SLICK WTR. ISIP=4669#, 5 MIN=4326#, 10 MIN=4158#, 15 MIN=4051#. MAX=7086# @ 25.5 BPM, AVG=4820# @25 BPM, FRAC GRAD=.87. TOTAL LOAD=663 BBL. TOTAL SAND=49,500#. RDMO DOWELL. 10:30AM: SICP=3600 PSI, OPEN TO FLOW BACK TANK, 12/64 CK. 11:30AM: FCP=3400 PSI, 12/64 - 18/64 CK, REC 28 BBL WTR, N/S. 12:30PM: FCP=300 PSI, 18/64 CK, REC 63 BBL WTR, N/S. 1:30PM: FCP= 25 PSI, 18/64-FULL REC 17 BBL WTR, N/S. 2:30PM: FCP=0# PSI, FULL CK, REC 16 BBL WTR, N/S. 3:30PM: FCP = 0# PSI, FULL CK, REC 5 BBL WTR, N/S. REC 129 BBL WTR, NO SAND, 5 HRS/SD RIG CREW. TURN OVER TO BRECO FLOW TESTERS.
- 01/19/00** FRAC CASTLEGATE. MIRU OWP RIH W/ SINKER BARS TAG FILL @ 10622'. POOH PU 5.5 CIBP RIH SET @ 10610'. POOH PU 3 1/8" POWER PAK GUN LOADED W/ 22.7 GRAM CHARGES 6 SPF. 60 DEGREE PHASING PERF F/ 10505' - 10513'. POOH RIG DOWN OWP. NO CHANGE IN F/L, NO PSI. SDFN, PREP TO FRAC.

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01/20/00 **MIRU CUDD.** MIRU DOWELL & CUTTERS FRAC CASTLEGATE PERF F/ 10505'-10513' W/ 852 BBL 35# YF135LG + 79720# F/ 20/40 BAUXITE SAND PERF BRK @ 5777# @ 4BPM MAX RATE 25.3 BPM, AVG RATE 25.1 BPM MAX PSI 5241#, AVG PSI 4542#. ISITP 4074#, PU RIH 5.5 COMPOSITE START IN HOLE W/ PLUG STUCK IN BOP TRY TO WORK PLUG FREE COULD NOT FREE PLUG. SET PLUG IN TOP F/ CSG W/ 3700# ON CSG BELOW PLUG. SDFN W/ SNUBBING UNIT.

01/21/00 **SNUB IN & DRLG PLUG.** RIG UP CUDD & SERVER RIG TO SNUB & DRLG OUT PLUG W/O TOOLS. SDFN

01/22/00 **RIH W/ SMALL MILL DRLG PLUG.** PU 2 7/8" DRILL PIPE MAKE 4 3/4" MILL RIH TAG PLUG @ 1' IN TOP OF CSG TEST CUDD BOP & LINES DRLG ON PLUG. STOP MAKE HOLE POOH W/ MILL. A RING CUT ON OUTSIDE OF BTM OF MILL. SDFN. TURN WELL TO FLOW BACK CREW. FLOW WELL 12HRS. REC 396 BBL WTR ON GAS LEFT TO REC 266 BBL.

01/23/00 **ND BOP & WH LOOK @ TIGHT SPOT.** PU & RIH W/ 4 1/4" MILL. MILL ON PLUG 15 MIN. FILL FREE, POOH, PU 4 3/4 STRING MILL ROTATE IN & OUT OF TITE SPOT. POOH MIRU CUTTERS RIH W/ JB/ GR PUSH BTM HALF OF PLUG TO 10,580'. POOH PU 5.5 COMP BP RIH SET @ 10,475. POOH, RD CUTTERS & RD CUDD. SWI. SDFN.

01/24/00 **DAND FRAC LWRCASTLEGATE 10350' - 10376'.** ND PRIDECO 10K BOPS. VISUALLY INSPECT CSG. OK NU PRIDECO 10K BOPS. TEST TBG HEAD VOID 5000 PSI, OK. MIRU DOUBLE JACK TESTERS. TEST BOP & VALVES TO 500#. LOW 10,000# HIGH. NO LEAKS. RDMO DOUBLE JACK. MIRU CUTTERS WLS PERF LOWER CASTLEGATE:  
 10,366' - 10,376' 60 HOLES  
 10,350' - 10,356' 36 HOLES  
 W/ 3 3/8" PWR PAK GUNS, 22.7 GRAM, 0.45" EHD, 6 SPF, 60 DEG FL @ SURF, END PSI=0#. RDMO CUTTERS. SWI, SDFD.

01/25/00 **DRILL OUT CBP'S.** 5AM: MIRU DOWELL. HELD SAFETY MEETING. TEST SURF TO 10,900#. SAND FRAC LOWER CASTLEGATE. 10,350' -10,376' ( 96 HLS ) W/ 35# YF-135LG GEL & 20/40 ACFRAC BLACK SAND

PAD	261 BBL GEL. 5450 PSI @ 35.2 BPM
1PPG	261 BBL GEL, 10,880# 20/40 SAND, 5150 PSI @ 35.3 BPM
2PPG	257 BBL GEL, 20,020# 20/40 SAND, 5040 PSI @ 35.3 BPM
3PPG	429 BBL GEL, 48,623# 20/40 SAND, 4750 PSI @ 35.4 BPM
4PPG	1187 BBL GEL, 153,477# 20/40 SAND, 5000 PSI @ 40 BPM
5PPG	373 BBL GEL, 68,400# 20/40 SAND, 4800 PSI @ 38.2 BPM
6PPG	78 BBL GEL, 15,500# 20/40 SAND, 4750 PSI @ 38.3 BPM
FLUSH	240 BBL SLICK WTR, 4890 PSI @ 30.5 BPM ISIP=4486 PSI

TOTAL LOAD= 3173 BBL. TOTAL SAND= 316,900#, FRAC GRAD.86 MAX= 5772 PSI @ 40.4 BPM. AVG= 5032 PSI @ 39 BPM RDMO DOWELL. 11:30AM: MIRU OWP WLS. RIH & SET 5 1/2" X 17# H-S 10,000# CBP @ 10280' W/ 4000 PSI ON THE WELL. RDMO OWP. 3PM: LWR DRILLER'S PLATFORM F/ SNUBBING. PU & RIH W/ 4 3/4" MILL TOOTH BIT, BIT SUB, "XN" PROFILE, 1 JT 2 3/8" TBG, "X" PROFILE & 100 JT'S 2 3/8" N-80- TBG. EOT@ 3206'. 6PM : SWI, SDFD.

01/26/00 **FLOW TESTING WELL.** RIH TAG @ 10479'. DRLG OUT PLUG TOOK A 2500# KICK. RIH TAG PLUG @ 10,475' DRLG OUT PLUG. RIH TO 10,580'. POOH TO 10,180', LAND TBG ON WH, EOT @ 10,180' XN NIPPLE 1 JT X NIPPLE , 317 JTS 2 3/8" N-80 TBG , 200# FLOWING TBG PSI 1600# ON CSG. REC 1199 BBL FRAC WTR. TURN WELL TO FLOW BACK CREW.

01/27/00 **FLOW TEST.** WELL TRYING TO FLOW 100# ON CSG 50# ON TBG. RIG UP & TRY TO SWAB WELL, KICKING TOO HARD TO SWAB.

	<u>CSG PRESS</u>	<u>TBG PRESS</u>	<u>CHOKE</u>	<u>WATER REC</u>
10:00AM:	100# PSI	50# PSI	24/64'	25 BBL
11:00AM:	100# PSI	35# PSI	24/64'	14 BBL
12:00PM:	50# PSI	75# PSI	18/64'	8 BBL

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1:00PM:	75# PSI	190# PSI	10/64"	6 BBL
2:00PM:	RIG UP AIR FOAM UNIT BOOST CSG PRESS.			
3:00PM:	1900# PSI	359# PSI	24/64"	41 BBL
4:00PM:	1600# PSI	0# PSI	FULL OPEN-2"	16 BBL
4:30PM:	100# PSI	0# PSI	FULL OPEN-2"	7 bbl
5:00 PM:	SWI, SDFN. REC 153 BBL FRAC WATER.			

- 01/28/00      **MIRU OWP SET PLUG & PERF.** 1050# ON CSG ON TBG, OPEN WELL ON A FULL OPEN 2" FLOW F/ 2 HRS. REC 41 BBL FRAC FLUID, TRACE OF SAND. WELL DIED. RU & SWAB. IFL SURF, FFL 1300', REC 70 BBL FRAC FLUID. RD, SWAB EQUIP, POOH. SWI, SDFN.
  
- 01/29/00      **BRK PERF.** MIRU OWP RIH W/ 5.5 10K CIBP SET @ 10270'. POOH PU 3 3/8" POWER PAK GUN LOADED W/ 22.7 GRAM CHARGES 6 SPF. RIH PERF F/ 9972'-9985'. NO CHANGE IN FL, NO BLOW, POOH, RIG DOWN OWP PU XN NIPPLE 8' PUP 5.5 PKR ON/OFF TOOL. 1 JT X NIPPLE 308 JTS 2 3/8" TBG. RIH SET PKR @ 9880'. EOT @ 9893'. RIG UP & SWAB. IFL SURF, FFL 6400', REC 20 BBL WTR. SIW, SDFN.
  
- 01/30/00      **SET PLUG & PERF.** 80# TP BLOW DOWN. RIH W/ SWAB. TAG FLUID @ 8000'. MIRU HOWCO. BRK PERF @ 9972' - 9985'. FILL TBG W/ 29 BBL 3% KCL. PERF BREAK @ 4064# @ 2.1 BPM. PUMP 10 BBL IN TO PERF @ 5280# @ 3.8 BPM. ISITP 2890#, 5 MIN 2503#, 10 MIN 2421#, 15 MIN 2371#. RIG DOWN HOWCO. RIG UP & SWAB. IFL SURF, FFL 9000'. REC MAKING 1 SWAB RUN PER HR. RIG DOWN. SWAB EQUIP, SWI, SDFN.
  
- 02/01/00      **SWAB TBG.** SICP: 0#, SITP: 100#, BLOW WELL DN. PMP 50 BBL 3% DN TBG RLS 5 1/2" X 17# ARROW SET "1" PKR @ 9880'. POOH W/ PKR. NO PKR, RIH LATCH PKR @ 1400', POOH W/ PKR. MIRU OWP WLS, RIH & SET 5 1/2" X 17# RBP @ 9967'. FILL CSG W/ 23 BBL 3% KCL. TEST 1000 PSI, 15 MIN, OK. RIH & PERF UPPER CASTLEGATE 9955' - 62' (42 HLS) W/ 3 3/8" PWR PAK GUNS, 22.7 GRAM, 0.47" EHD, 6 SPF, 60 DEG PHASING. FL @ SURF, 0# PSI. RDMO OWP WLS. PU & RIH W/ "XN" PROFILE, 8' X 2 3/8" N-80 TBG SUB, 5 1/2" X 17#. ARROW SET "1" PKR, ON/OFF TOOL W/ "X" PROFILE, 1 JT 2 3/8" N-80 TBG, "X" PROFILE, & JTS 2 3/8" 4.7# N-80 TBG. SWI, SDFD. PKR @ 9849'. EOT @ 9861'.
  
- 02/02/00      **CHECK PRESS / SWAB TEST.** SITP=400 PSI, SICP=0 PSI. OPEN & BLEW DWN. RU SWAB EQUIP. IFL = 1000', PARTED SANDLINE @ 1400', POOH TOO FAST. RELEASE 5 1/2" PKR @ 9849'. POOH TO RETRIEVE SAND LINE. INPSECT PKR, RIH W/ "X" N-80 TBG SUB, 5 1/2" ARROW. SET 1 PKR ON/OFF TOOL W/ 1.87" "X" PROFILE NIPPLE. 1 JT 2 3/8" TBG "X" NIPPLE, 307 JTS 2 3/8" TBG, SET PKR @ 9849', EOT @ 9861'. POUR NEW ROPE SOCKET. RU SWAB EQUIP. IFL 2000'. SWABBED 1.5 HRS, REC 22 BBL WTR. FFL 8100'. RD SWAB EQUIP. DRAIN LINES. SIW, SDFD.
  
- 02/03/00      **POOH.** 100# ON WELL. RIG UP & SWAB. IFL 7100', FFL 8800'. MADE 2 RUNS. REC 6 BBL WTR NO GAS. RUN#3 DRY FLUID @ 8800'. NO ENTRY CAN NOT SWAB PASTED 8800'. E/O SAND LINE W/ 2 HRS RUN #4 DRY NO ENTRY. MAKE 1 RUN EVERY 2 HRS. RUN #5 DRY FLUID 8800', NO ENTRY NO GAS. MIRU HOWCO FILL TBG W/ 26 BBL 3% KCL. PERF BRK @ 4247# @ 2 BPM PUMP 10 BBL @ 4.5 BPM @ 5800#. ISITP 2870#. 5 MIN 2538#, 10 MIN 2417#, 15 MIN 2326#. RIG DOWN HOWCO. SWAB 1.5 HRS 4 RUNS. REC 22 BBL WTR. FFL 7600'. RD SWAB EQUIP. RELEASE 5 1/2" ARROW SET 1 PKR @ 9849'. POOH W/ 160 JTS 2 3/8" N-80 TBG TO EOT @ 4756'. SWI, SDFD.
  
- 02/04/00      **FRAC.** POOH & L/D PKR P/U RET TOOL F/ 5.5 RBP RIH LATCH PLUG @ 9800'. PULL 6 STD SD. STRING UP NEW SAND LINE. POOH W/ RBP. MIRU CUTTERS P/U 3 3/8" GUN LOADED 6 SPF 60 DEG PHASING & PERF F/ 9939'-9945'. NO CHANGE, NO BLOW. POOH & RD CUTTERS. SDFN.
  
- 02/05/00      **FLOW TESTING.** MIRU HOWCO FRAC UPPER CASTLEGATE PERF @ 9939'-9985' W/

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CIGE #206

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Page 4

142487# 20/40 ACFRAC BLACK SAND + 1724 BBL OF 35# PURGEL III PERF BRK @ 3756# 7 BPM. CUT FRAC IN 4# STAGE. DID NOT PUMP 5&6# STAGE, MAX PSI 5436#, AVG PSI 3507#, MAX RATE 45.7, AVG RATE 35.5, F.G. .85, ISICP 4036#, 5 MIN 3294#, RIG HOWCO. OPEN WELL TO 12/64 CHK, FLOWING CSG PRESS 2600#. FLOWING CSG PRESS 2500#. 12/64 CH REC 38 BBL WTR. FCP 2450# ON 12/64 CH. REC 55 BBL FRAC WTR. 2:00 PM: FCP 2350#, 12/64" CHK, REC 55 BBL. 3:00 PM: FCP 2300#, 12/64" CHK, REC 55 BBL. 4:00 PM: FCP 2200#, 12/64" CHK, REC 55 BBL. TOTAL FLUID REC 258 BBL FRAC WTR. TURN WELL TO FLOW BACK CREW.

- 02/06/00 **FLOW TESTING.** WELL FLOWING ON 22 CHK 500# CP. MIRU PLS RIH W/ TRACER LOG. LOG WELL TOOLS DID NOT WORK. RERUN LOG ACROSS PERFS F/ 9939' TO 9985'. SWI, SDFWE.
- 02/08/00 **CK PRESS & SWAB.** RIH W/ NC, 1 JT, XN & 2 3/8" TBG. EOT @ 9913', RU SWAB 3 1/2 HRS, 8 RUNS, IFL--SURF, FFL-1900', 94 BBLs WTR, SICP-150#, SWI, SDFN. NOTE: 96 BBLs WTR LEFT TO RECOVER IN THIS ZONE.
- 02/09/00 **SWAB.** SICP=700 PSI, SITP=750 PSI, BLEW WELL DWN RU SWAB EQUIP. IFL=1500'. SWABBED 2 HRS 3 RUNS REC 44 BBLs WTR WELL FLOWING. FLOWED 2 HRS, FULL OPEN 0 PRESS REC 25 BBLs. RU SWAB IFL=1600'. SWAB 7 HRS MADE 13 RUNS REC 121 BBL FFL=3800'. RD SWAB EQUIP DROP 2 SOAP STIX, SWI. FSICP=425 PSI. SDFD.
- 02/10/00 **CHECK PRESSURE, SWABBING.** 900# CP, 700# TP, BLOW DOWN. RU & SWAB IFL-1800'. SWAB 10 HRS, 21 RUNS. REC 193 BBL. FFL-5400'. SWABBING FROM 9800'. FSICP-700#. RD SWAB. DRAIN PUMP & LINES.
- 02/11/00 **FRAC MONDAY.** 900# CP, 700# TP. RIH W/ SWAB TAG FLUID @ 3400' REC 6 BBL. RD SWAB EQUIP. POOH MIRU CUTTERS. RIH W/ 5.5 CIBP. SET @ 9450'. POOH PU 4" GUNS LOADED W/ 4 SPF 90 DEGREE PHASING PERF F/ 9268'-9288' 80 HOLES NO BLOW NO CHANGE. RD CUTTERS, CHANGE RAM. SWI, SDFN.
- 02/12/00 **FRAC MONDAY.** W/O FRAC CREW.
- 02/15/00 **RIH & C/O SAND & CBP'S.** SICP-959#, RU HES, FRAC MV PERF'S F/ 9268'-88', W/ 20/40 SAND WEDGE & 20# DELTA FLUID/GEL, W/ 500 GALS 28% HCL F/ NST PERF'S, FILL CSG W/ 92 BBLs 3% KCL. STAGE 1: 4096# BRK @ 19.8 BPM, MP-4947#, AP-3600#, MR-25.7 BPM, AR-25 BPM, ISIP-4276#, FG .89, TTL LOAD 909 BBLs, 64,500# SAND, RIH & SET CBP @ 9210', PERF W/ 4" CSG GUNS 2 SPF, 90 DEG PHASING AS FOLLOWS: 9137-42' (10 HOLES), 9130-32' (4 HOLES), 9105-15' (20 HOLES), 9052'-64' (24 HOLES), 0 PSI. STAGE 2: 4241# BRK @ 3 BPM, MP-4496#, AP-3100#, MR-41.6 BPM, AR-40 BPM, ISIP-3280#, FG .80, TTL LOAD 898; 84,000# SAND, RIH & SET CBP @ 8950', RD WLS & HES, RIH W/ 4 3/4" TOOTH BIT, PMP OFF SUB, 1 JT, SN & 2 3/8" TBG W/ EOT @ 8734' SWI. SDFN.
- 02/16/00 **FLOW TESTING.** RIH TAG PLUT @ 8950'. RU DRLG EQUIP, BRK CIRC, DRLG OUT PLUG. RIH TAG SAND @ 9175', CIRC OUT TAG PLUG @ 9210. DRLG OUT PLUG SWIVEL IN HOLE, TAG PBT @ 9450'. L/D 7 JTS LAND ON WH W/ 289 JTS 2 3/8" N-80 TBG. EOT 9251'. S/N 9217', RD FLOOR, ND BOPS, NU WH, PUMP OFF BIT SUB. TURNS WELL TO FLOW BACK CREW. FTP: 700#, CP: 1200#. FLOWING TO FLOW BACK TANK.
- 02/17/00 **WELL ON PROD.** RACK OUT PUMP & LINES POWER SWIVEL, BOPS & EQUIP J WEST BED TRK STUCK IN MUD BY RIG. MAINTAINER PO. RD GWS RIG #101. MO.
- 02/17/00 **RACK OUT PUMP & LINES PWR SWVL,** BOPS & EQUIP J WEST BED TRK SUTCK IN MUD BY RIG. MAINTAINER PO. RD GWS RIG #101. MO.
- 02/19/00 **PROG: FLWD 1004 MCF,** 181 BW, FTP: 1440#, CP: 1670#, 20/64" CK, 20 HRS, LP: 270#, LLTR: 760 BBLs.

02/20/00      **PROG:** FLWD 879 MCF, 136 BW, FTP: 395#, CP: 1100#, 64/64" CK, 24 HRS, LP: 266#, LLTR: 624 BBLs.

02/21/00      **PROG:** FLWD 908 MCF, 91 BW, FTP: 340#, CP: 500#, 64/64" CK, 24 HRS, LP: 266#, LLTR: 533 BBLs.

02/22/00      **PROG:** FLWD 845 MCF, 85 BW, FTP: 340#, CP: 680#, 64/64" CK, LP: 267#, LLTR: 448 BBLs.  
**IP DATE:** 02/20/00. **IP:** FLWG F/LWR MESA VERDE 908 MCF, 91 BW, FTP: 340#, CP: 500#, 64/64" CK, 24 HRS, LP: 266#.

**FINAL REPORT.**

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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 to re-enter 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

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

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)  
**SE/SE Sec. 4, T10S, R21e  
 326' FSL & 556' FEL**

5. Lease Serial No.

**U- 01416**

6. If Indian, Allottee or Tribe Name

**N/A**

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

8. Well Name and No.  
**Cige #206**

9. API Well No.

**43-047-32996**

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

11. County or Parish, State

**Uintah UT**

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

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

13. Describe Proposed or Completed Operation (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 final site is ready for final inspection.)

Coastal Oil & Gas Corporation requests authorization to complete the Wasatch formation on the above referenced well. Please refer to the attached Completion Procedure.

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**COPY SENT TO OPERATOR**  
 Date: 8-17-00  
 Initials: CHD

14. I hereby certify that the foregoing is true and correct  
 Name (Printed/Typed)

**Katy Dow**

*Katy Dow*

Title

**Environmental Jr. Analyst**

Date **8/8/00**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title **Petr. Engr.**

Date **8-17-00**

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 **Utah OGM**

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, 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.

**CIGE #206 WASATCH COMPLETION PROCEDURE**

Section 26 – 9S – 21E  
 Uintah County, UT  
 July 31,2000

ELEVATION: 5060' GL 5078' KB (18')

TOTAL DEPTH: 10,800' PBTD: 9,450'

CASING: 9 5/8", 36#, K-55, @ 2500'  
 5-1/2", 17#, P-110 @ 10,804'  
 2-3/8" 4.7# N-80 EUE set at 9251'

TUBING: Lower Castlegate

PERFORATIONS: 10,646'-10,654' 48 Holes  
 10,505'-10,513' 48 Holes  
 10,366'-10,376' 60 Holes  
 10,350'-10,356' 36 Holes  
 Upper Castlegate  
 9972'-9985' 96 Holes  
 9955'-9962' 42 Holes  
 9939'-9945' 36 Holes  
 Mesa Verde  
 9052'-9064' 24 Holes  
 9105'-9115' 20 Holes  
 9130'-9132' 4 Holes  
 9137'-9142' 10 Holes  
 9268'-9288' 80 Holes

CURRENT RATE: 293 MCF (Avg. 7-12 to 7-25)

PROPOSED PERFORATIONS: Wasatch :

6212'-6220' 4 SPF; 5882'-5888' 4 SPF; 5642'-5648' 4 SPF

FRAC STAGE	PROPOSED ZONE	TOTAL PERFS	CLEAN VOL.	FRAC SIZE
1	6212'-6220'	32	471 Bbls	40,000 lbs 20/40 Sand w/Prop Net
2	5882'-5888'	24	423 Bbls	35,000 lbs 20/40 Sand w/Prop Net
3	5642'-5648'	24	433 Bbls	37,000 lbs 20/40 Sand w/Prop Net
<b>TOTALS</b>			1,327 Bbls	112,000 lbs

**TUBULAR PROPERTIES:**

	BURST (psi)	COLLAPSE (psi)	DRIFT DIA. (in.)	CAPACITIES	
				(bbl/ft)	(gal/ft)
2 3/8" 4.7# J-55 tbg	7,700	8,100	1.901"	0.00387	0.1624
5 1/2" 17# N-80 csg	7,740	6,280	4.767"	0.0232	0.9764
2 3/8" by 5 1/2" Annulus				0.0178	0.7463

## DISCUSSION

This procedure will cover the work to complete the Wasatch. The well will be fraced in 3 stages in one day. The composite BPs will be drilled out and zones allowed to flow back for clean up.

## PROCEDURE

1. MIRU service rig. Cameron or WSI BOPE. Test to 500 psi. and 10,000 psi. 3 clean lined 500-bbl tanks will be needed. Also, supply at least 6 cement blocks on location for flowback line and frac relief line weights. Load tanks with fresh water while filtering coming off the trucks into the tanks. Use Biocide in tanks.
2. POOH w/tubing. Top kill the well if necessary while still tubing heavy.
3. RU wire line company. RIH and set CBP at 8900', slowly PUH while bleeding off any pressure. Perforate the Wasatch from 6212'-6220' (4 SPF) (32 holes) with 4" expendable gun using 39-gram prospector charges (0.54"), 90-degree phasing as follows. Depths correlate to the LDT-CNL-GR run on 1-1-00. Use the bond log run on 1-13-00. **Dump bail 12 gals of 15% HCl at 6220'.** Report any pressure changes after perforating.
4. POOH with wireline and RD wireline. Heat all water to 70 degrees F the day prior to moving in for frac. MIRU acid pumper. Establish injection rate into perforation using 2% KCl at 5 BPM. Move float that was used to haul tubing away from wellhead area. MIRU the day before fracing.

### STAGE 1

5. MIRU 6 light plants. Plan to begin fracing @ 6:00 am. Frac Wasatch (6212'-6220') down casing with 40,000 lbs. 20/40 Sand and 471 bbls of YF119LG Fluid/gel @  $\pm 25$  BPM rate (maximum surface treating pressure not to exceed 4,900 psi). **Include 500 gallons of inhibited 28% HCl in flush after pumping 4 bbls of flush before starting.** Reduce pump rate during the flush. Note ISIP.

STAGE	GEL	CLEAN VOLUME (GAL)	CLEAN VOLUME (BBLs)	CUM. CLEAN (BBLs)	PROP (LBS)	CUM. PROP (LBS)	PROP TYPE
Pad	YF119LG	2,000	47.6	47.6	0	0	
1- ppg	YF119LG	2,000	47.6	95.2	2,000	2,000	20/40 Sand
3- ppg	YF119LG	4,000	95.2	190.5	12,000	14,000	20/40 Sand
4- ppg	YF119LG	4,000	95.2	285.7	16,000	30,000	20/40 Sand
5- ppg	YF119LG	1,200	28.6	314.3	6,000	36,000	20/40 Sand
5- ppg	YF119LG	800	19.0	333.3	4,000	40,000	20/40 Sand 10% Prop Net
Flush	Slick Wtr	6,065	144.4	477.7			

6. RU wireline and set composite BP at  $\pm 6000'$ . Perforate the Wasatch from 5882'-5888' (4 SPF) (24 holes) using 4" expendable gun with 39 gram prospector charges (0.54"), 90 degree phasing. Report any pressure changes after perforating.

### STAGE 2

7. Breakdown perforations using one pump truck at a maximum pressure of 4,900 psi. Shut down and record ISIP and calculate a frac gradient. If pressure is below 500 psi, consult w/ Production Manager or Area Engineer. Frac Wasatch (5882'-5888') down casing with 35,000 lbs. 20/40 Sand and 423 bbls of YF119LG Fluid/gel @  $\pm 25$  BPM rate (maximum surface treating pressure not to exceed 4,900 psi). **Include 500 gallons of inhibited 28% HCl in flush after pumping 2 bbls of flush before starting.** Reduce pump rate during the flush. Note ISIP.

STAGE	GEL	CLEAN VOLUME (GAL)	CLEAN VOLUME (BBLs)	CUM. CLEAN (BBLs)	PROP (LBS)	CUM. PROP (LBS)	PROP TYPE
Pad	YF119LG	1,800	42.9	42.9	0	0	
1- ppg	YF119LG	1,750	41.7	84.5	1,750	1,750	20/40 Sand
3- ppg	YF119LG	3,500	83.3	167.9	10,500	12,250	20/40 Sand
4- ppg	YF119LG	3,500	83.3	251.2	14,000	26,250	20/40 Sand
5- ppg	YF119LG	1,050	25.0	276.2	5,250	31,500	20/40 Sand
5- ppg	YF119LG	700	16.7	292.9	3,500	35,000	20/40 Sand 10% Prop Net
Flush	Slick Wtr	5,743	136.7	429.6			

8. RU wireline and set composite BP at  $\pm 5800'$ . Perforate the Wasatch from 5642'-5648' (4 SPF) (24 holes) using 4" expendable gun with 39 gram prospector charges (0.54"), 90 degree phasing. Report any pressure changes after perforating.

### STAGE 3

9. Breakdown perforations using one pump truck at a maximum pressure of 4,900 psi. Shut down and record ISIP and calculate a frac gradient. If pressure is below 500 psi, consult w/ Production Manager or Area Engineer. Frac Wasatch (5642'-5648') down casing with 37,000 lbs. 20/40 Sand and 433 bbls of YF119LG Fluid/gel @  $\pm 25$  BPM rate (maximum surface treating pressure not to exceed 4,900 psi). Reduce pump rate during the flush. Note ISIP.

STAGE	GEL	CLEAN VOLUME (GAL)	CLEAN VOLUME (BBLs)	CUM. CLEAN (BBLs)	PROP (LBS)	CUM. PROP (LBS)	PROP TYPE
Pad	YF119LG	1,800	42.9	42.9	0	0	
1- ppg	YF119LG	1,688	40.2	83.0	1,688	1,688	20/40 Sand
3- ppg	YF119LG	3,438	81.8	164.9	10,313	12,000	20/40 Sand
4- ppg	YF119LG	3,750	89.3	254.2	15,000	27,000	20/40 Sand
5- ppg	YF119LG	1,260	30.0	284.2	6,300	33,300	20/40 Sand
5- ppg	YF119LG	740	17.6	301.8	3,700	37,000	20/40 Sand 10% Prop Net
Flush	Slick Wtr	5,509	131.2	432.9			

10. RU wireline and set composite BP at  $\pm 5530'$ . RD wireline. RD service company.
11. Pick up 4-3/4" mill tooth bit, pump-off bit sub, 1 joint 2-3/8" tubing, and SN. RIH on 2-3/8" tubing to 5520'. Establish circulation with air foam unit and drill out the composite BPs at 5530', 5800', 6000', & 8900'. Continue cleaning out to 9450'. PUH to  $\pm 9150'$  and land the tubing with the EOT at  $\pm 9150'$ .
12. ND BOPE and NU tree. Drop ball and pump-off the bit. RDMO of workover rig.
13. Put well on production.

LLA

Approvals: Prod. Manager

*D. C. Pull*  
*8/1/00*

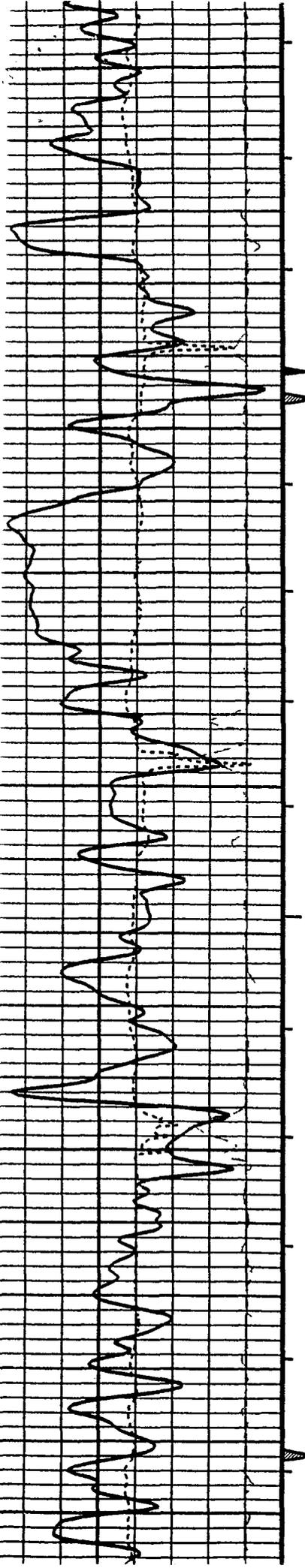
Tech Mgr \_\_\_\_\_

VP \_\_\_\_\_

CIGE 206

CODE NO.		
110	ROADS & LOCATIONS	\$2,000
120-125	RIG - DAYWORK	\$16,800
130	MUD & CHEMICALS	\$0
135-136	CEMENTING	\$0
140	OPEN HOLE LOGS	\$0
141	CORING	\$0
142	MUD LOGGING	\$0
145	FISHING TOOLS	\$0
146	WATER	\$6,300
146	FUEL	\$0
146	BITS	\$0
147	EQUIPMENT RENTALS	\$9,924
175	TRUCKING	\$2,500
181	BHP, GOR, POT. TESTS	\$0
183	PERF & CASED HOLE	\$28,280
184	STIMULATION	\$63,275
190	SUPERVISION	\$1,362
200	TANGIBLES (TBG/WLHD)	\$0

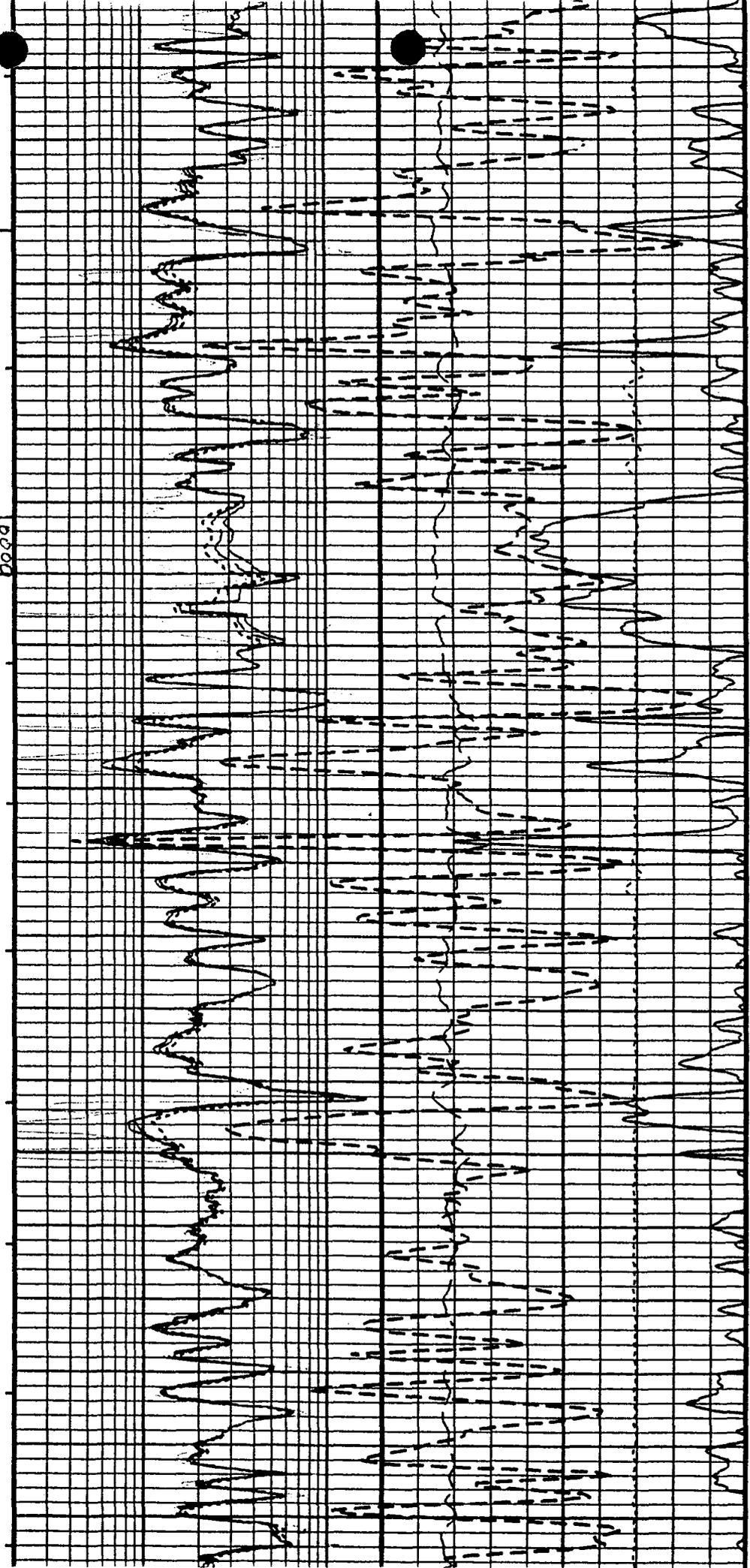
TOTAL = \$130,442

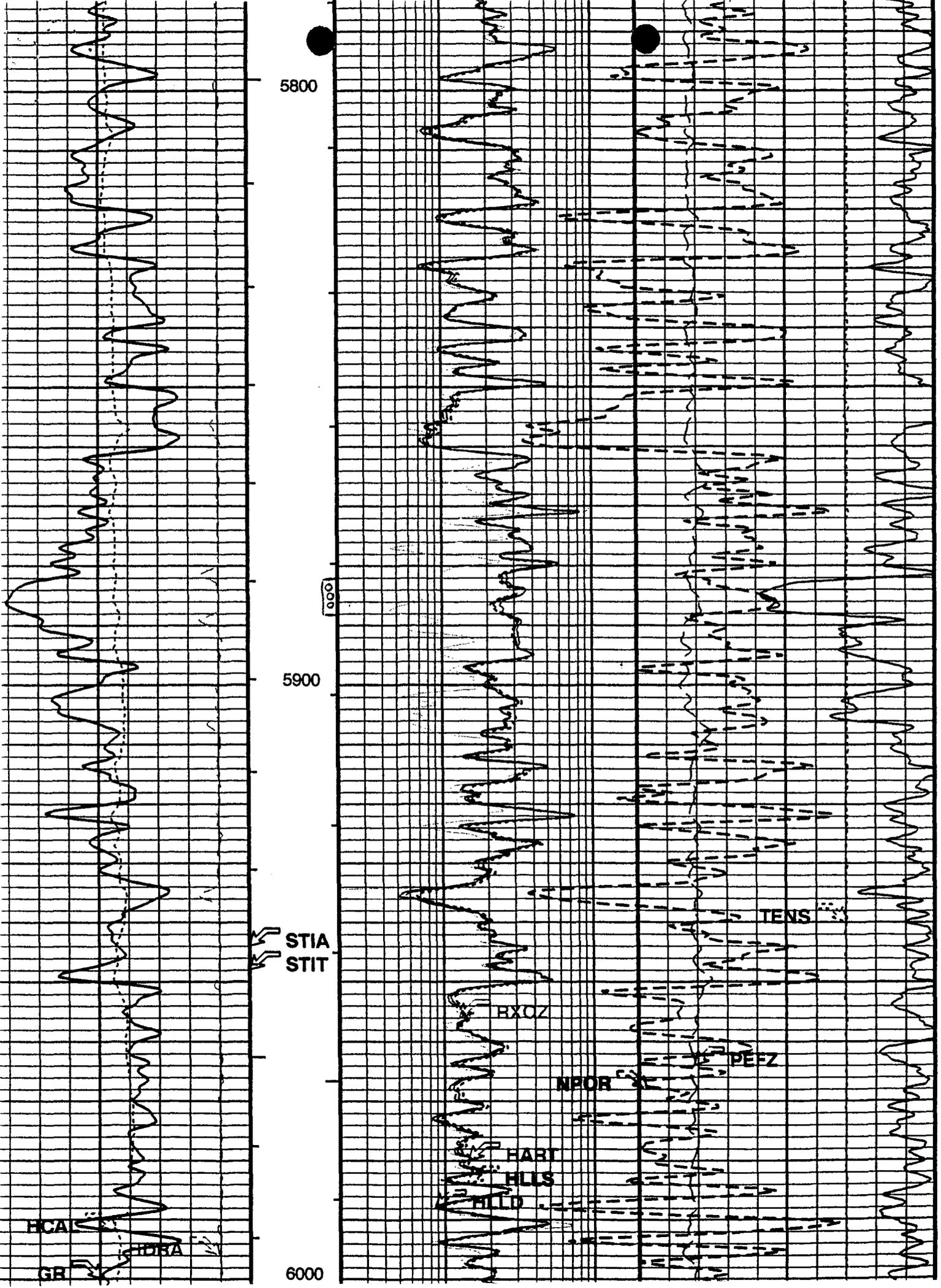


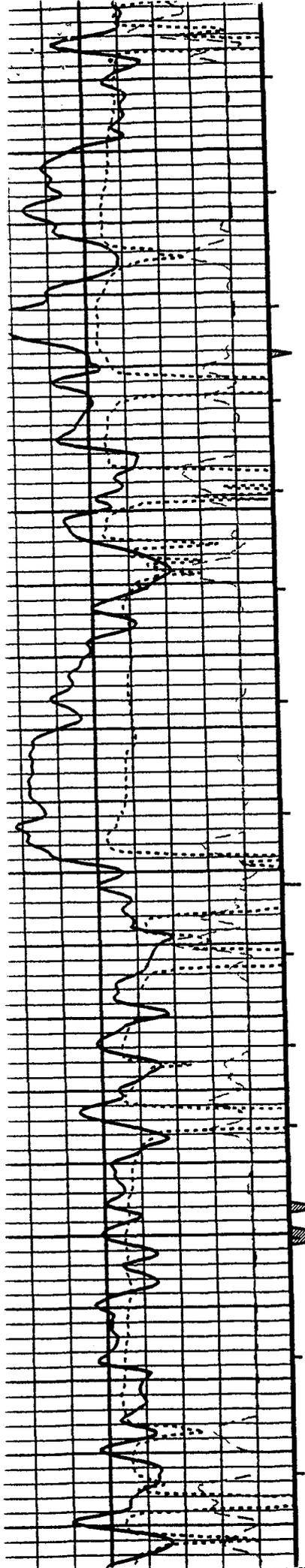
6200

5000

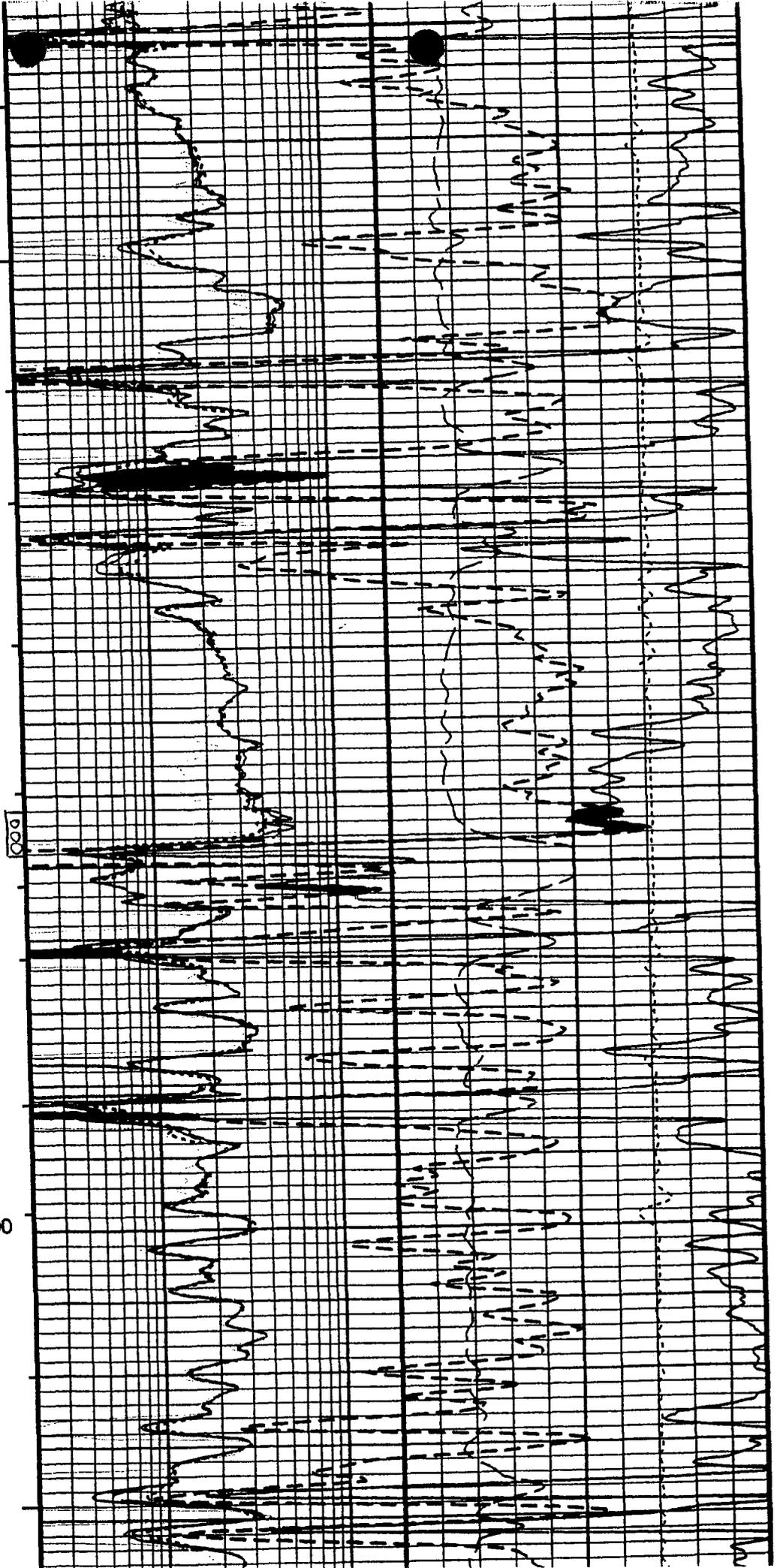
6300







5600



5700

DATE: 02/16/00

WELL: CIGE 206

COUNTY: UINTAH

SEC: 26

FOREMAN: JD FOREMAN

FIELD: NBU

STATE: UTAH

TWS: 9 S

RGE: 21 E

**KB** 18.00 10,000# W.H.

**RIG No.** GWS RIG #101  
R.C.SCOTT

Tbg Hanger 1.00



**CASING RECORD**

SIZE	WT	GRADE	THD	FROM	TO
9 5/8"	36#	K-55		0	250
5 1/2"	17#	P-110		0	10,8

9-5/8" Csg @

2500'

**TUBING RECORD**

SIZE	WT	GRADE	THD	FROM	TO
2 3/8"	4.7#	N-80	8RD	0	925

JTS	PSN	TAC	MUD ANCHOR
289	9217'		Size _____ Length _____

**SUCKER ROD RECORD**

NO	SIZE	GRADE	CPLG

288 jts 9198.33

ROD ROTATOR Yes  No

GAS ACHOR Size \_\_\_\_\_ Length \_\_\_\_\_

PSN 1.09

ROD GUIDE PLACEMENT (DESCRIBE):  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

1 jt tbg 32.00

MESA  
9052'-64'  
9105'-15'  
9130'-32'  
9137'-42'

ENTRY GUIDE 0.97

EOT @ 9251

**PUMP DATA:**

MANUFER SIZE DESCR

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0137  
Expires: November 30, 2000

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  Deepen  Plug Back  Diff. Resvr.,  
 Other \_\_\_\_\_

2. Name of Operator  
Coastal Oil & Gas Corporation

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

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

4. Location of Well (Report location clearly and in accordance with Federal requirements)  
At surface SE/SE 326' FSL & 556' FEL

At top prod. interval reported below same

At total depth same

14. Date Spudded 11/8/99  
15. Date T.D. Reached 1/5/00

16. Date Completed 2/17/00  
 D & A  Ready to Prod.

5. Lease Serial No.  
U-01416

6. If Indian, Alloteor Tribe Name  
N/A

7. Unitor CA Agreement Name and No.  
Natural Buttes Unit

8. Lease Name and Well No.  
CIGE #206

9. API Well No.  
43-047-32996

10. Field and Pool, or Exploratory  
Natural Buttes Field

11. Sec., T., R., M., or Block and  
Survey or Area Section 4-T10S-R21E

12. County or Parish Uintah  
13. State Utah

17. Elevations (DF, RKB, RT, GL)\*  
5077.9' Ungraded GR

18. Total Depth: MD 10800'  
TVD  
19. Plug Back T.D.: MD 9450'  
TVD

20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
CBL, CCL, GR

22. Was well cored?  No  Yes (Submit analysis)  
Was DST run  No  Yes (Submit report)  
Directional Survey?  No  Yes (Submit)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#ft.)	Top (MD)	Bottom (MD)	Stage Cement Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17-1/2"	14" K-55	50	0	84'		50 P-AG	0	to surface	
12-1/4"	9-5/8" K-55	36	0	2500'		310 Class G	0	to surface	
8-3/4"	5-1/2" P-110	17	0	10800'		210 Hi Fill	640	to surface	
						2900 POZ			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-3/8"	9251'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Wasatch	5642'	6220'	6212' - 6220'	4"	32	
B)			5882' - 5888'		24	
C)			5642' - 5648'		24	
D)						

26. Perforation Record

Depth Interval	Amount and Type of Material
6212' - 6220'	38,900# 20/40 SD w/507 BBLS YF119LG fluid 10% prop net 500 Gal 28% HCL
5882' - 5888'	35,000# 20/40 SD w/493 BBLS fluid
5642' - 5648'	38,260# 20/40 SD w/443 BBLS fluid

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
08/09/00	08/10/00	24	→	0	948	80	0		producing
Choke Size 64/64	Tbg. Press. Flwg. 631	Csg. Press. 896	24 Hr. →	Oil BBL 0	Gas MCF 948	Water BBL 80	Gas: Oil Ratio 0	Well Status	producing

28a. Production-Interval

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. →	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

CONFIDENTIAL

CONFIDENTIAL  
PERIOD EXPIRED  
ON 3-17-01

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DEC 11 2000

DIVISION OF  
OIL, GAS AND MINING

28b. Production-Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. →	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

**CONFIDENTIAL**

28c. Production-Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. →	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

sold, used for fuel

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
Green River	1415	4637			
Wasatch	4637	7555			
L. Mesaverde	7555				

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DEC 11 2000

**DIVISION OF OIL, GAS AND MINING**

32. Additional remarks (include plugging procedure):

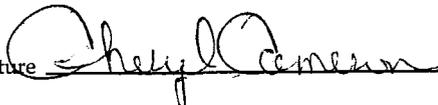
33. Circle enclosed attachments:

- 1. Electrical/Mechanical logs (1 full set req'd)
- 2. Geologic Report
- 3. DST Report
- 4. Directional Survey
- 5. Sundry Notice for plugging and cement verification
- 6. Core Analysis
- 7. Other

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) Cheryl Cameron

Title Senior Regulatory Analyst

Signature 

Date 09/12/2000

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

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: 8 South 1200 East CITY Vernal STATE Utah ZIP 84078 PHONE NUMBER: 435-789-4433

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

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

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

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
As a result of the merger between The Coastal Corporation and a wholly owned subsidiary of El Paso Energy Corporation, the name of Coastal Oil & Gas Corporation has been changed to El Paso Production Oil & Gas Company effective March 9, 2001.

See Exhibit "A"

Bond # 400JU0708

Coastal Oil & Gas Corporation

NAME (PLEASE PRINT) John T. Elzner TITLE Vice President

SIGNATURE [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)

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JUN 19 2001

DIVISION OF  
OIL, GAS AND MINING

State of Delaware  
Office of the Secretary of State

---

PAGE 1

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

RECEIVED

JUN 14 2001

DIVISION OF  
OIL, GAS AND MINING



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

0610204 8100

AUTHENTICATION: 1061007

010162788

DATE: 04-03-01

CERTIFICATE OF AMENDMENT

OF

CERTIFICATE OF INCORPORATION

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

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

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

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

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

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

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

COASTAL OIL & GAS CORPORATION

*David L. Siddall*  
David L. Siddall  
Vice President

Attest:

*Margaret E. Roark*  
Margaret E. Roark, Assistant Secretary

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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

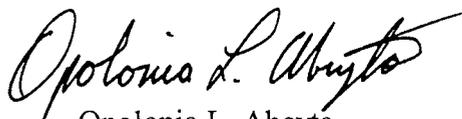
Acceptable evidence has been received in this office concerning the name change of Coastal Oil & Gas Corporation into El Paso Production Oil & Gas Company with El Paso Production Oil & Gas Company being the surviving entity.

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	





JAN. 17. 2003 3:34PM

TPORT

NO. 173 P. 2

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

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

**February 1, 2002**

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

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

**Dear Ms. Maxwell:**

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

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

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

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

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

*Debby J. Black*  
Debby J. Black  
Engineer Technician

Encl:



United States Department of the Interior

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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.

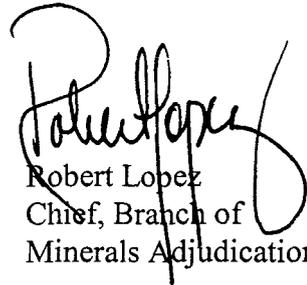
For our purposes, the name change is recognized effective December 31, 2001.

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  
chronos





# United States Department of the Interior

BUREAU OF INDIAN AFFAIRS

Washington, D.C. 20240

FEB 10 2003

IN REPLY REFER TO:  
Real Estate Services

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

Dear Mr. Wilson:

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

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

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

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

Sincerely,

Director, Office of Trust Responsibilities

**ACTING**

Enclosure



# United States Department of the Interior

## 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**

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:

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

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

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

3. ADDRESS OF OPERATOR:  
**9 Greenway Plaza Houston TX 77064-0995** PHONE NUMBER:  
**(832) 676-5933**

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

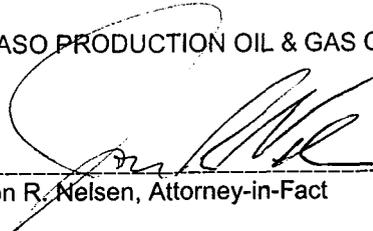
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input 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 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"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

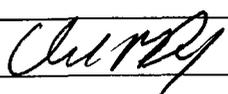
Operator change to Westport Oil and Gas Company, L.P., 1670 Broadway, Suite 2800, Denver, CO. 80202-4800, effective December 17, 2002.

BOND # \_\_\_\_\_  
State Surety Bond No. RLB0005236  
Fee Bond No. RLB0005238

EL PASO PRODUCTION OIL & GAS COMPANY

By:   
Jon R. Nelsen, Attorney-in-Fact

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

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

(This space for State use only)

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

**SUCCESSOR OF OPERATOR**

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

~~DIV. OF OIL, GAS & MINING~~

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

Name (Printed/Typed)

**CHERYL CAMERON**

Title

**OPERATIONS**

Signature

Date

**March 4, 2003**

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

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

Office

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

(Instructions on reverse)

**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. GLH
2. CDW /
3. FILE

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

Designation of Agent/Operator

Operator Name Change

Merger

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

<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**

<b>WELL(S)</b>						
NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
NBU CIGE 18-2-10-21	02-10S-21E	43-047-30471	2900	STATE	GW	P
NBU CIGE 80D-2-10-21	02-10S-21E	43-047-30853	2900	STATE	GW	P
CIGE 285	02-10S-21E	43-047-34793	99999	STATE	GW	APD
NBU CIGE 40-3-10-21	03-10S-21E	43-047-30740	2900	FEDERAL	GW	P
NBU CIGE 93D-3-10-21J	03-10S-21E	43-047-31163	2900	FEDERAL	GW	P
NBU CIGE 135-3-10-21	03-10S-21E	43-047-32001	2900	FEDERAL	GW	S
COG NBU 101	03-10S-21E	43-047-31755	2900	FEDERAL	GW	P
CIGE 166-3-10-21	03-10S-21E	43-047-32172	2900	FEDERAL	GW	P
CIGE 225-3-10-21	03-10S-21E	43-047-33417	99999	FEDERAL	GW	APD
CIGE 226-3-10-21	03-10S-21E	43-047-32995	2900	FEDERAL	GW	S
NBU 330	03-10S-21E	43-047-33228	2900	FEDERAL	GW	P
NBU 331	03-10S-21E	43-047-33229	2900	FEDERAL	GW	PA
NBU 365	03-10S-21E	43-047-33777	2900	FEDERAL	GW	P
NBU 25	03-10S-21E	43-047-30237	2900	FEDERAL	GW	PA
CIGE 206-4-10-21	04-10S-21E	43-047-32996	2900	FEDERAL	GW	P
NBU 326-4E	04-10S-21E	43-047-33697	2900	FEDERAL	GW	P
CIGE 108D-4-10-21	04-10S-21E	43-047-31756	2900	FEDERAL	GW	P
CIGE 136-4-10-21	04-10S-21E	43-047-31979	2900	STATE	GW	S
NBU 207-4J	04-10S-21E	43-047-31177	2900	FEDERAL	GW	P
NBU 28-4B	04-10S-21E	43-047-30367	2900	FEDERAL	GW	P

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

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

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM-12/31/2003 BIA-12/5/02

8. **Federal and Indian Units:**

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

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

The BLM or BIA has approved the operator for all wells listed within a CA on: 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**

**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 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.

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.

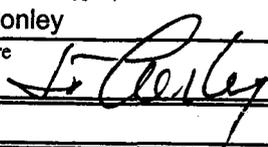
The volume lost to shrinkage by dropping the tank pressure from 6 ozs. to 0 psig is shown to be 0.3% of the tank volume. This was determined by lab analysis of a representative sample from the field. The sample shrunk from 98.82% of original volume to 98.52% when the pressure was dropped. The average 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



Title

**COPY SENT TO OPERATOR**

Date: **9-16-03**

Initials: **CHD** Date: **9-2-2003**

Operations Manager

**SEP 10 2003**

DIV. OF OIL GAS & MINING

**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by

Title

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

Date

**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 areas 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
PULING 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 \$	820/830/840	\$1,200
Expense \$	830/860	\$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		HP		HP	0	HP
Fuel Gas Burned		MCFPD		MCFPD	0	MCFPD

<p><b>Project Life:</b> Life = <input type="text" value="20.0"/> Years (Life no longer than 20 years)</p> <p><b>Internal Rate of Return:</b> After Tax IROR = <input type="text" value="#DIV/0!"/></p> <p><b>AT Cum Cashflow:</b> Operating Cashflow = <input type="text" value="(\$2,917)"/> (Discounted @ 10%)</p>	<p><b>Payout Calculation:</b> Payout = <math>\frac{\text{Total Investment}}{\text{Sum(OPX + Incremental Revenue)}} = 1</math></p> <p>Payout occurs when total AT cashflow equals investment See graph below, note years when cashflow reaches zero</p> <p>Payout = <input type="text" value="NEVER"/> Years or <input type="text" value="#VALUE!"/> Days</p>
--	--

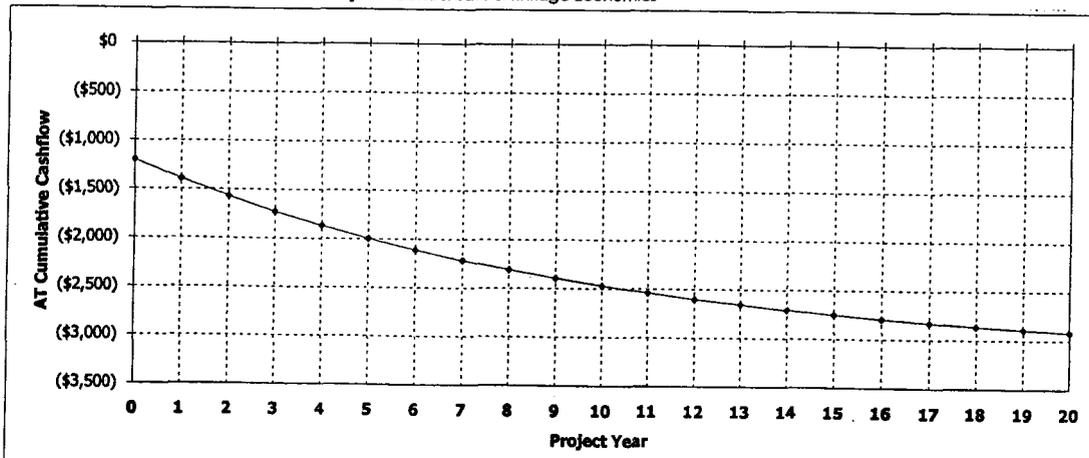
**Gross Reserves:**

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

**Notes/Assumptions:**

**An average NBU well produces 0.192 Bcpd with no tank pressure. The production is increased to 0.196 Bcpd if 6 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	U01494	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

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

<b>ROUTING</b>
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:		<b>1/6/2006</b>
<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
- a. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
- b. If **NO**, the operator was contacted on:
- 5a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
- 5b. Inspections of LA PA state/fee well sites complete on: n/a 3 LA wells & all PA wells transferred
- 5c. 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
- a. 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 type="checkbox"/> Water Shut-Off
<input checked="" 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 <b>CHANGE OF OPERATOR</b>
	<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 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) <b>RANDY BAYNE</b>	Title <b>DRILLING MANAGER</b>
Signature <i>Randy Bayne</i>	Date <b>May 9, 2006</b>

**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.  
**MULTIPLE 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)

**BRAD LANEY**

Signature

Title

**ENGINEERING SPECIALIST**

Date

**May 9, 2006**

**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by

*Brad Laney*

Title

Office

Date

**5-9-06**

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

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



## United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
Colorado State Office  
2850 Youngfield Street  
Lakewood, Colorado 80215-7076

IN REPLY REFER TO:

CO922 (MM)  
3106  
COC017387 et. al.

March 23, 2006

### NOTICE

Kerr-McGee Oil & Gas Onshore L.P. :  
1999 Broadway, Suite 3700 : Oil & Gas  
Denver, CO 80202 :

#### Merger/Name Change - Recognized

On February 28, 2006 this office received acceptable evidence of the following mergers and name conversion:

Kerr-McGee Oil & Gas Onshore L.P., a Delaware Limited Partnership, and Kerr-McGee Oil & Gas Onshore LLC, a Delaware Limited Partnership merger with and into Westport Oil and Gas Company L.P., a Delaware Limited Partnership, and subsequent Westport Oil & Gas Company L.P. name conversion to Kerr-McGee Oil & Gas Onshore L.P.

For our purposes the merger and name conversion was effective January 4, 2006, the date the Secretary of State of Delaware authenticated the mergers and name conversion.

Kerr-McGee Oil & Gas Onshore L.P. provided a list of oil and gas leases held by the merging parties with the request that the Bureau of Land Management change all their lease records from the named entities to the new entity, Kerr-McGee Oil & Gas Onshore L.P. In response to this request each state is asked to retrieve their own list of leases in the names of these entities from the Bureau of Land Management's (BLM) automated LR2000 data base.

The oil and gas lease files identified on the list provided by Kerr-McGee Oil & Gas Onshore L.P. have been updated as to the merger and name conversion. We have not abstracted the lease files to determine if the entities affected by the acceptance of these documents holds an interest in the lease, nor have we attempt to identify leases where the entity is the operator on the ground that maintains vested record title or operating rights interests. If additional documentation, for change of operator, is required you will be contacted directly by the appropriate Field Office. The Mineral Management Services (MMS) and other applicable BLM offices were notified of the merger with a copy of this notice

Please contact this office if you identify additional leases where the merging party maintains an interest, under our jurisdiction, and we will document the case files with a copy of this notice. If the leases are under the jurisdiction of another State Office that information will be forwarded to them for their action.

Three riders accompanied the merger/name conversion documents which will add Kerr-McGee Oil and Gas Onshore LLC as a principal to the 3 Kerr-McGee bonds maintained by the Wyoming State Office. These riders will be forward to them for their acceptance.

The Nationwide Oil & Gas Continental Casualty Company Bond #158626364 (BLM Bond #CO1203), maintained by the Colorado State Office, will remain in full force and effect until an assumption rider is accepted by the Wyoming State Office that conditions their Nationwide Safeco bond to accept all outstanding liability on the oil and gas leases attached to the Colorado bond.

If you have questions about this action you may call me at 303.239.3768.

/s/Martha L. Maxwell  
Martha L. Maxwell  
Land Law Examiner  
Fluid Minerals Adjudication

**Attachment:**

List of OG Leases to each of the following offices:

MMS MRM, MS 357B-1

WY, UT, NM/OK/TX, MT/ND, WY State Offices

CO Field Offices

Wyoming State Office

Rider #1 to Bond WY2357

Rider #2 to Bond WY1865

Rider #3 to Bond WY1127



# United States Department of the Interior



BUREAU OF LAND MANAGEMENT  
Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155  
<http://www.blm.gov>

IN REPLY REFER TO:  
3106  
(UT-922)

March 27, 2006

## Memorandum

To: Vernal Field Office

From: Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the merger recognized by the Bureau of Land Management, Colorado State Office. We have updated our records to reflect the merger from Westport Oil and Gas Company L.P. into Kerr-McGee Onshore Oil and Gas Company. The merger was approved effective January 4, 2006.

Chief, Branch of  
Fluid Minerals

## Enclosure

Approval letter from BLM COSO (2 pp)

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225  
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114  
Teresa Thompson  
Joe Incardine  
Connie Seare  
Dave Mascarenas  
Susan Bauman

RECEIVED

MAR 28 2006

DIV. OF OIL, GAS & MINERAL

<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>		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> U-01416
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.		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
		<b>7. UNIT or CA AGREEMENT NAME:</b> NATURAL BUTTES
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> CIGE 206	
<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.	<b>9. API NUMBER:</b> 43047329960000	
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	<b>PHONE NUMBER:</b> 720 929-6515 Ext	<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0326 FSL 0556 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESE Section: 04 Township: 10.0S Range: 21.0E Meridian: S	<b>COUNTY:</b> UINTAH	
		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 5/25/2011  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input checked="" type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER	
<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text"/>		
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
THE SUBJECT WELL WAS RETURNED TO PRODUCTION ON 05/25/2011.		
<b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY</b>		
<b>NAME (PLEASE PRINT)</b> Sheila Wopsock	<b>PHONE NUMBER</b> 435 781-7024	<b>TITLE</b> Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 6/13/2011	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9  5. LEASE DESIGNATION AND SERIAL NUMBER: U-01416
<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.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: CIGE 206
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047329960000
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6100 9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0326 FSL 0556 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 04 Township: 10.0S Range: 21.0E Meridian: S	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"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 3/11/2014  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input checked="" type="checkbox"/> <b>PLUG AND ABANDON</b> <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>

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

The operator requests authorization to plug and abandon the subject well location. Attached in the plug and abandonment procedure.

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

Date: March 11, 2014

By: *Dark Quist*

NAME (PLEASE PRINT) Teena Paulo	PHONE NUMBER 720 929-6236	TITLE Staff Regulatory Specialist
SIGNATURE N/A	DATE 3/11/2014	

**CIGE 206**  
**326' FSL & 556' FEL**  
**SESE SEC. 4, T10S, R21E**  
**Uintah County, UT**

**KBE:** 5078' **API NUMBER:** 4304732996  
**GLE:** 5060' **LEASE NUMBER:** U-01416  
**TD:** 10,800'  
**PBTD:** 9450' (CIBP)

**CASING :** 17 ½" hole  
 14" 50# K-55 @ 84' (GL)  
 TOC @ surface

12 ¼" hole  
 9.625" 36# K-55 @ 2500'  
 Cmt w/ 310 sx, TOC @ surface

8.75" hole  
 5.5" 17# P-110 @ 10,800'  
 TOC @ ~200' per CBL (see Chronological history)

**PERFORATIONS:** Wasatch 5642' - 6220'  
 Mesaverde 9052' - 9288'  
 Upr Castlegate 9939' - 9985' (Excluded by CIBP @ 9450')  
 Lwr Castlegate 10,350' - 10,513 (Excluded by CIBP @ 10,270')  
 Lwr Castlegate 10,646' - 10,654' (Excluded by CIBP @ 10,610')

**TUBING:** 2 3/8" 4.7# N-80, EOT @ 9131' (per wellbore sketch dated 1/6/03)

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	0.0039
5.5" 17# K-55	4.892	4910	5320	0.9764	0.1305	0.02324
8.625" 24# J-55	7.972	1370	3930	2.6749	0.3575	0.0636
<b>Annular Capacities</b>						
2.375" tbg. X 5 ½" 18# csg				0.7013	0.0937	0.0167
5.5" csg X 8 5/8" 24# csg				1.296	0.1733	0.0309
5.5" csg X 7.875 borehole				1.4407	0.1926	0.0343
8.625" csg X 12 1/4" borehole				3.0874	0.4127	0.0735

**GEOLOGIC INFORMATION:**

Formation	Depth to top, ft.
Uinta	Surface
Green River	1415'
Bird's Nest	1635'
Mahogany	2118'
Base of Parachute	2962'
Wasatch	4637'
Mesaverde	7555'

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

USDW Elevation ~800' MSL  
 USDW Depth ~4278' KBE

## CIGE 206 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. 245 sx Class "G" cement needed for procedure & (2) 5.5" CIBP.

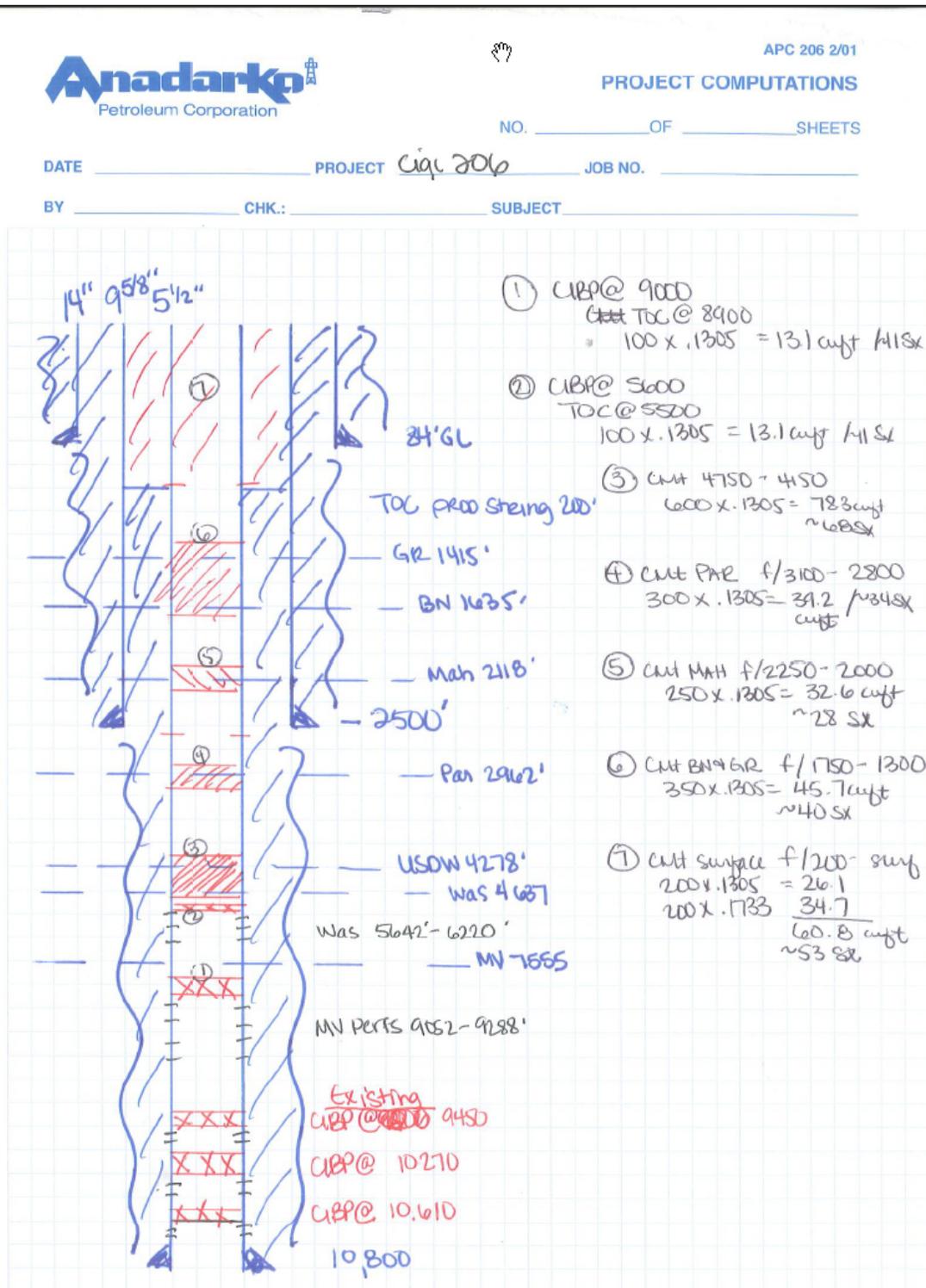
**Note:** Gyro has been run previously on this well, 5/5/08.

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.
4. **PLUG #1, ISOLATE MESAVERDE PERFORATIONS (9052' - 9288')**: RIH W/ 5 ½" CIBP. SET @ ~9000'. RELEASE CIBP, PUH 10', BRK CIRC W/ FRESH WATER. RELEASE CIBP, PUH 10', BRK CIRC W/ TREATED FRESH WATER. DISPLACE A MINIMUM OF **13.1 CUFT / 2.3 BBL / ~11 SX** ON TOP OF PLUG. PUH ABOVE TOC (~8900'). REVERSE CIRCULATE W/ TREATED WATER (~76.7 BBLs).
5. **PLUG #2, ISOLATE WASATCH PERFORATIONS (5642' - 6220')**: RIH W/ 5 ½" CIBP. SET @ ~5600'. RELEASE CIBP, PUH 10', BRK CIRC W/ FRESH WATER. RELEASE CIBP, PUH 10', BRK CIRC W/ TREATED FRESH WATER. DISPLACE A MINIMUM OF **13.1 CUFT / 2.3 BBL / ~11 SX** ON TOP OF PLUG. PUH ABOVE TOC (~5500'). REVERSE CIRCULATE W/ TREATED WATER (~17.4 BBLs).
6. **PLUG #3, PROTECT TOP OF WASATCH (4637') & BASE OF USDW (~4278')**: PUH TO ~4750'. BRK CIRC W/ FRESH WATER. DISPLACE **78.3 CUFT / 13.9 BBL / ~68 SX** AND BALANCE PLUG W/ TOC @ ~4150' (600' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ TREATED WATER (~24.4 BBLs).
7. **PLUG #4, PROTECT BASE OF PARACHUTE (~2962')**: PUH TO ~3100'. BRK CIRC W/ FRESH WATER. DISPLACE **39.2 CUFT / 7.0 BBL / ~34 SX** AND BALANCE PLUG W/ TOC @ ~2800' (300' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ TREATED WATER (~12.8 BBLs).
8. **PLUG #5, PROTECT TOP OF MAHOGANY (2118')**: PUH TO ~2250'. BRK CIRC W/ FRESH WATER. DISPLACE **32.6 CUFT / 5.8 BBL / ~28 SX** AND BALANCE PLUG W/ TOC @ ~2000' (250' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ TREATED WATER (~5.8 BBLs).
9. **PLUG #6, PROTECT TOP OF BIRD'S NEST (~1635') & TOP OF GREEN RIVER (1415')**: PUH TO ~1750'. BRK CIRC W/ FRESH WATER. DISPLACE **45.7 CUFT / 8.1 BBL / ~40 SX** AND BALANCE PLUG W/ TOC @ ~1300' (350' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ TREATED WATER (~25.6 BBLs).
10. **PLUG #7, FILL SURFACE HOLE & ANNULUS:** POOH. HOOK UP 1" PIPE AND PUMP **60.8 CUFT / 10.8 BBL / ~53 SX** OR SUFFICIENT VOLUME TO FILL 5 ½" CASING AND 5.5" X 9.625" ANNULUS TO SURFACE.

11. CUT OFF WELLHEAD AND INSTALL MARKER PER REGULATIONS.

12. RDMO. TURN OVER TO OPERATIONS FOR SURFACE REHAB. SURFACE RECLAMATION TO BE PERFORMED IN ACCORDANCE TO REGULATIONS.

ALM 3/6/2014



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> U-01416
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.		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
		<b>7. UNIT or CA AGREEMENT NAME:</b> NATURAL BUTTES
<b>1. TYPE OF WELL</b> Gas Well	<b>8. WELL NAME and NUMBER:</b> CIGE 206	
<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.	<b>9. API NUMBER:</b> 43047329960000	
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	<b>PHONE NUMBER:</b> 720 929-6100	<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0326 FSL 0556 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESE Section: 04 Township: 10.0S Range: 21.0E Meridian: S	<b>COUNTY:</b> UINTAH	
	<b>STATE:</b> UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 1/9/2015  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <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"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The CIGE 206 has been plugged and abandoned. Please see the attached operations summary report for details. Thank you.		
<b>Accepted by the Utah Division of Oil, Gas and Mining</b> <b>FOR RECORD ONLY</b> January 15, 2015		
<b>NAME (PLEASE PRINT)</b> Kristina Geno	<b>PHONE NUMBER</b> 720 929-6824	<b>TITLE</b> Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 1/14/2015	

US ROCKIES REGION  
Operation Summary Report

US ROCKIES REGION								
Operation Summary Report								
Well: CIGE 206					Spud date:			
Project: UTAH-UINTAH			Site: CIGE 206			Rig name no.: MILES 3/3		
Event: ABANDONMENT			Start date: 1/5/2015		End date: 1/9/2015			
Active datum: RKB @0.00usft (above Mean Sea Level)				UWI: CIGE 206				
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
1/1/2015	7:00 - 15:00	8.00	ABANDP	30	A	P		MIRU FRON NBU 921-22P2DS, RU PUMP & LINES SDFWE
1/5/2015	7:00 - 9:30	2.50	ABANDP	30	E	P		WELL HEAD FROZEN, PUT TARPS & HEATER. THAWED OUT WH, SITP 500, SICP 1600, BLEW WELL DWN. CONTROL TBG W/ 20 BBLS T-MAC, CONTROL CSG W/ 20 BBLS T-MAC ND WH HAD PROBLEMS W/ BOLTS.
	9:30 - 11:00	1.50	ABANDP	31	I	P		UNLAND TBG, PULL TO 40,000# LOST 20, 000# TRY TO RELAND TBG WONT COME BACK DWN, LAY DWN 1 JT RELAND TBG.
	11:00 - 13:30	2.50	ABANDP	30	F	P		WORK ON REMOVING BAD BOLTS ON WELL HEAD. NU BOPS W/ NEW BOLTS. RU FLOOR & TBG EQUIP.
	13:30 - 16:00	2.50	ABANDP	45	A	P		RU SCAN TECH, SCAN OUT W/ 186 HJTS PIN PULLED OUT OF COLLR, APROX 107 JTS LEFT IN HOLE. 127 RED, 28 BB, 31 YB, RD SCAN TECH, COLLAR PITTING JTS 144-186, LIGHT EXT SCALE JTS 177-186. BAD JTS WERE WALL LOSS & PITTING. SWI SDFN
1/6/2015	7:00 - 7:30	0.50	ABANDP	48		P		HSM, WORKING W/ FIHING TOOLS.
	7:30 - 8:00	0.50	ABANDP	30	E	P		SICP 100 PSI, BLEW WELL DWN, CONTROL WELL W/ 20 BBLS T-MAC.
	8:00 - 12:00	4.00	ABANDP	31	B	P		PU RIH W/ 411/16 OVERSHOT W/ 3" GRAPPEL. 59 JTS 23/8 L-80 F/ WELL, PU 127 JTS NEW 23/8 L-80, PU 2-8', 2-6' PUP JTS TAG FISG @ 5951' LATCH ON WORK TBG TO 45,000 LBS, FISH CAME LOOSE.
	12:00 - 14:30	2.50	ABANDP	31	I	P		POOH W/ 186 JTS CHECK OVER SHOT. HAD SPLIT TBG COLLAR. DRESS OVERSHOT FOR TBG PIN.
	14:30 - 17:30	3.00	ABANDP	31	B	P		RIH W/ OVERSHOT & 186 JTS TBG PU PUP JTS TAG FISH @ 5951' PU GAINED 3,000 LBS WEIGHT, PULL UP DRAGGING 400' HUNG UP TIGHT GOT FREE, SWI DRAIN EQUIP SDFN.
1/7/2015	7:00 - 7:30	0.50	ABANDP	48		P		HSM, WORKING STUCK TBG.
	7:30 - 16:00	8.50	ABANDP	31	I	P		SITP 1300 SICP 900, BLEW WELL DWN, CONTROL TBG W/ 25 BBLS, CHANGED OUT DRLG RUB, WORK TBG GOT FREE DRAGGING BAD FOR 20 JTS CAME FREE. POOH W/ 140 JTS HAVING TROUBLE KEEPING WELL DEAD. SHUT DOWN PUMPED 125 BBLS T-MAC DWN CSG @ 1300 PSI @ 2.7 BPM. SHUT DWN OPEN TO TNK STILL WANTS TO FLOW, OREDERED BRINE WTR. SWI SDFN.
1/8/2015	7:00 - 7:30	0.50	ABANDP	48		P		HSM, KILLING WELL WITH BRINE & LAYING DOWN BAD PIPE.
	7:30 - 8:30	1.00	ABANDP	30	E	P		SICP & SITP 450 BLEW WELL DWN, BULL HEAD 50 BBLS 10# BRINE WELL DEAD.
	8:30 - 11:00	2.50	ABANDP	31	I	P		POOH W/ REM 12 JTS L/D OVER SHOT & 10 JTS FOUND ARROW SET 1 PKR L/D SAME, L/D REM 89 JTS 23/8, SEAT NIPPLE, MULE SHOE PUP. 285 JTS PULLED FROM WELL.
	11:00 - 12:30	1.50	ABANDP	34	G	P		RU CUTTERS RIH W/ 51/2 GAUGE RING TO 9016' POOH RD CUTTERS.

US ROCKIES REGION  
Operation Summary Report

Well: CIGE 206		Spud date:	
Project: UTAH-UINTAH		Site: CIGE 206	Rig name no.: MILES 3/3
Event: ABANDONMENT		Start date: 1/5/2015	End date: 1/9/2015
Active datum: RKB @0.00usft (above Mean Sea Level)		UWI: CIGE 206	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD from (usft)	Operation
	12:30 - 15:30	3.00	ABANDP	31	I	P		PU RIH W/ 5.5 TBG SET CIBP & 204 JTS SET CIBP @ 6498.32', L/D 1 JT SWI SDFN.
1/9/2015	7:00 - 7:30	0.50	ABANDP	48		P		HSM, WORKING W/ CMT EQUIP
	7:30 - 19:00	11.50	ABANDP	51	D	P		SICP & SITP 150 PU 1 JT TO JUST ABOVE CIBP @ 6498', RU PRO PETRO, FILL HOLE, PMP 4.5 BBLS FRESH, 22 SKS 4.5 BBLS G 1.15 YEILD, 15.8 LB CMT, 1 BBL FRESH, DISPL W/ 24.1 BBLS T-MAC. POOH W/ 176 JTS L/D STINGER, RIH W/ 2ND CIBP & 176 JTS SET PLUG @ 5610', PUMP 4.5 BBLS FRESH WTR, 22 SKS G 1.15 YEILD, 15.8 LB, 1 BBL FRESH, DISPL W/ 20.7 T-MAC. L/D 27 JTS EOT @ 4753', PUMP 4.5 BBLS FRESH, 68 SKS 13.9 BBLS 1.15 YEILD, 15.8 LB G CMT, 1 BBL FRESH, DISPL W/ 16.3 BBLS T-MAC, L/D 52 JTS EOT @ 3103', PMP 4.5 FRESH, 34 SKS 6.9 BBLS 1.15 YEILD 15.8 LB G CMT, 1 BBL FRESH, DISPL W/ 10.5 BBLS, L/D 27 JTS EOT @ 2244' PMP 4.5 BBLS FRESH, 28 SKS 5.7 BBLS 1.15 YEILD 15.8 LB G CMT, 1 BBL FRESH, DISPL W/ 6.6 BBLS T-MAC. L/D 48 EOT @ 203' FILL CMT TO SURF, W/ 33 SKS 6.7 BBLS 1.15 YEILD 15.8 LB G CMT, L/D 6 JTS RD FLOOR ND BOPS, RD RIG. DIG AROUND WH & CUT OFF WH. TOP UP 95/8 & 51/2 W/ 103 SKS CMT, WELD ON PLATE SDFN