

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

SUBMIT          IPLICATE\*  
(Other instructions on reverse side)

5. Lease Designation and Serial No.

ML-22649

6. If Indian, Allottee or Tribe Name

Not Applicable

7. Unit Agreement Name

Natural Buttes

8. Farm or Lease Name

NBU

9. Well No.

161

10. Field and Pool, or Wildcat

Natural Buttes (b.30)

11. Sec., T., R., M., or Bk. and Survey or Area

Section 32, T9S, R22E

12. County or Parrish 13. State

Uintah Utah

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL

DEEPEN

PLUG BACK

b. Type of Well

Oil Well

Gas Well

Other

Single Zone

Multiple Zone

2. Name of Operator

Coastal Oil & Gas Corporation

3. Address of Operator

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

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

580' FSL, 759' FEL (SE $\frac{1}{4}$ SE $\frac{1}{4}$ ) Section 32, T9S, R22E

At proposed prod. zone

Same As Above

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

Approximately 16 Miles Southeast of Ouray, Utah

15. Distance from proposed\* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any)

580'

16. No. of acres in lease

640

17. No. of acres assigned to this well

80

18. Distance from proposed location\* to nearest well, drilling, completed, or applied for, on this lease, ft.

1600'

19. Proposed depth

6100' WSTC

20. Rotary or cable tools

Rotary

21. Elevations (Show whether DF, RT, GR, etc.)

5083' GR

22. Approx. date work will start\*

May 1, 1991

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
12-1/4"	8-5/8" K-55	24.0#	0-250'	180 sx Circulate to Surface
7-7/8"	5-1/2" K-55	17.0#	0-T.D.	550 sx Lite + Class "G"

PLEASE REFER TO ATTACHED DRILLING PROGNOSIS.

TECHNICAL REVIEW

Engr. MM 5/6/91

Geol. RJ 3/6/91

Surface BA 4/30/91

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

24. Signed Dale Heitzman Title Authorized Agent

Date April 16, 1991

(This space for Federal or State office use)

Permit No. 43-047-30003

Approval Date

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

Approved by

Title

DATE: 5-6-91

BY: MM

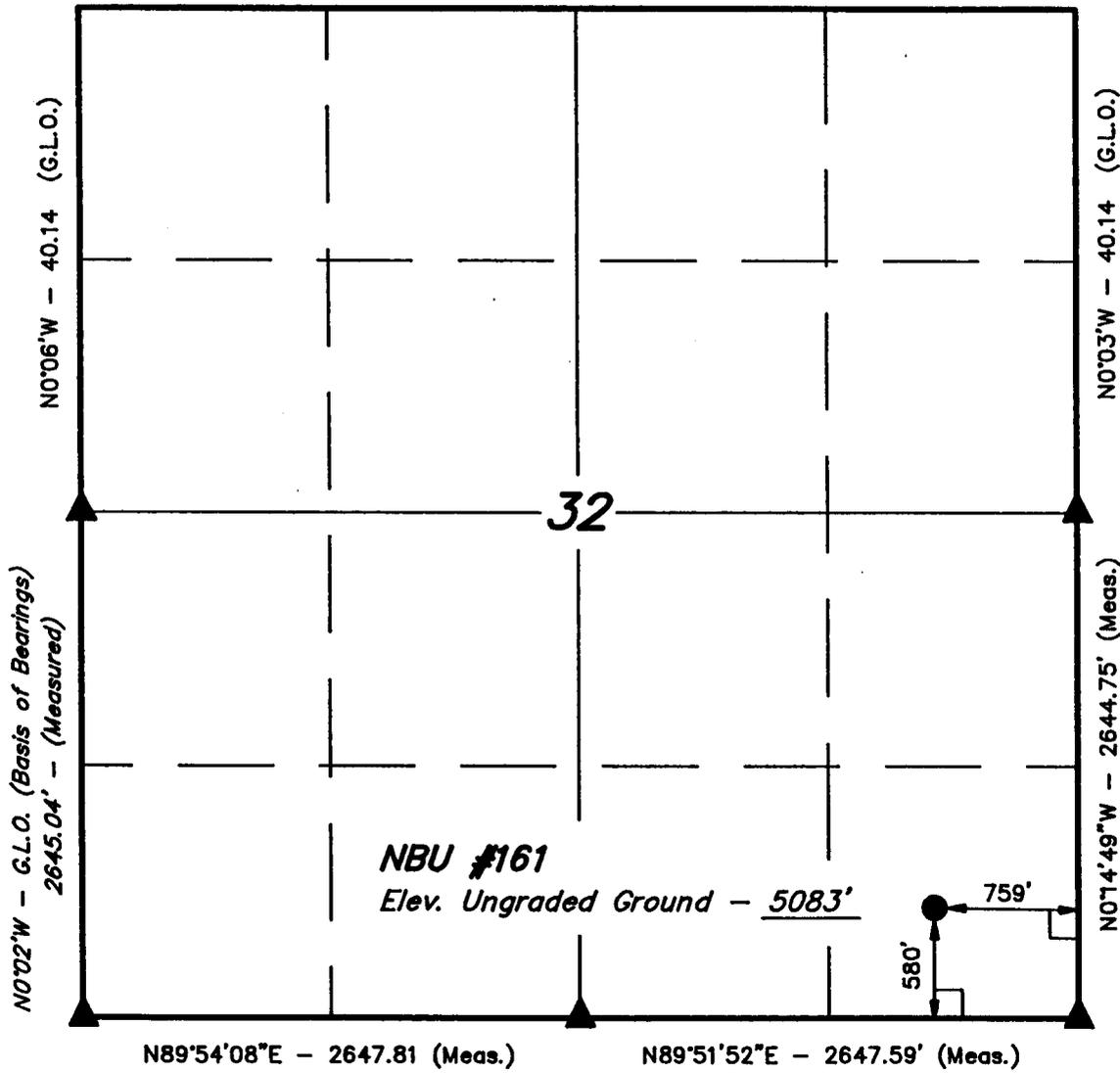
WELL SPACING: 615-2-3

T9S, R22E, S.L.B.&M.

COASTAL OIL & GAS CORP.

Well location, NBU #161, located as shown in the SE 1/4 SE 1/4 of Section 32, T9S, R22E, S.L.B.&M. Uintah County, Utah.

S89°58'W - 80.12 (G.L.O.)



BASIS OF ELEVATION

SPOT ELEVATION AT A RIDGE TOP IN THE SE 1/4 OF SECTION 8, T10S, R22E, S.L.B.&M. TAKEN FROM THE ARCHY BENCH 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 5304 FEET.



CERTIFICATE

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

*Robert J. Kay*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO. 5709  
STATE OF UTAH

**UINTAH ENGINEERING & LAND SURVEYING**  
P. O. BOX 1758 - 85 SOUTH - 200 EAST  
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 3-4-91
PARTY G.S. J.F. T.D.H.	REFERENCES G.L.O. PLAT
WEATHER COOL	FILE COASTAL OIL & GAS CORP.

▲ = SECTION CORNERS LOCATED. (Brass Caps)

COASTAL OIL & GAS CORPORATION

NBU #161  
SE¼SE¼ Section 32, T9S, R22E  
Uintah County, Utah

Drilling Prognosis

1. Estimated Formation Tops:

Surface	Uinta	
Green River	1470'	
Wasatch	4555'	Gas (Primary Objective)
Total Depth	6100'	

2. Pressure Control Equipment:

Type : One 10" X 2000 psi annular preventer.  
One 10" X 2000 psi double ram preventer (blind ram above, pipe ram below).  
One wing with two manual valves and one choke.  
One positive choke and one adjustable.

Testing Procedure : The BOP and choke manifold will be pressure tested to the rated working pressure or 70% of the internal yield strength of the surface casing, whichever is less, for a period of 15 minutes upon installation; once every thirty days and/or when flange seals are broken if a "nipple-up" or "nipple-down" takes place.

3. Drilling Fluids Program:

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss</u>
0-Total Depth	Aerated Water	--	--	--

Sufficient quantities of mud materials will be maintained or readily accessible for the purpose of assuring well control during the course of drilling operations.

4. Evaluation Program:

Logs : DIL with Caliper - Surface to Total Depth  
FDC-CNL - Approximately 1500' to Total Depth

DST's : None Anticipated

Cores : None Anticipated

5. Abnormal Conditions:

No abnormal temperatures or pressures are anticipated. No H<sub>2</sub>S gas has been reported or known to exist from previous drilling in the area at this depth. Maximum anticipated surface pressure equals 1685 psi.

**DRILLING LOCATION ASSESSMENT**

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

OPERATOR: COASTAL OIL & GAS      WELL NAME: NBU 161  
SECTION: 32    TWP: 9S RNG: 22E LOC: 580 FSL 759 FEL  
QTR/QTR SE/SE    COUNTY: UINTAH      FIELD: NATURAL BUTTES  
SURFACE OWNER: STATE OF UTAH  
SPACING: NATURAL BUTTES UNIT  
INSPECTOR: BRAD HILL      DATE AND TIME: 4/16/91 13:30

PARTICIPANTS: Bill Siersma-CIGE, Bob Anderson-Permit Agent, Robert Kay-Uintah Engineering, Harley Jackson-Jackson Const.

REGIONAL SETTING/TOPOGRAPHY: The proposed location is in the southeastern Uinta Basin on a flat ridge top which is perched above deep drainages on the north, south and west.

LAND USE:

CURRENT SURFACE USE: Domestic and wildlife grazing.

PROPOSED SURFACE DISTURBANCE: A roughly rectangular pad will be constructed with approximate dimensions of 325'X 160' with a 125'X 82' extension for the reserve pit. (see application) An access road .6 miles long will also be constructed. The access road will have 3 low water crossings and is mostly in outcrop.

AFFECTED FLOODPLAINS AND/OR WETLANDS: None

FLORA/FAUNA: Sage, Erigonium, Greasewood, Indian Paintbrush, Curley grass, Bunch grass, Snakeweed, Shadscale, Short Saltbush, Textile onion, Funnellily, Prickly Pear/Deer, Antelope, Rabbits, Birds, Horses, Sheep

ENVIRONMENTAL PARAMETERS

SURFACE GEOLOGY

SOIL TYPE AND CHARACTERISTICS: Sandy-silt with abundant sandstone fragments. Numerous outcrops along access, above the location and below the location.

SURFACE FORMATION & CHARACTERISTICS: Uinta Formation consisting of interbedded sandstones and shales.

EROSION/SEDIMENTATION/STABILITY: No active erosion or sedimentation at present. Location should be stable.

PALEONTOLOGICAL POTENTIAL: None observed.

## SUBSURFACE GEOLOGY

OBJECTIVES/DEPTHS: Wasatch-4555'

ABNORMAL PRESSURES-HIGH AND LOW: None anticipated

CULTURAL RESOURCES/ARCHAEOLOGY: Cleared by Metcaff and Associates.

CONSTRUCTION MATERIALS: Onsite materials will be used for construction.

SITE RECLAMATION: The area will be recontoured and reseeded as per State Lands instructions.

### RESERVE PIT

CHARACTERISTICS: The reserve pit will be rectangular with dimensions of 125'X 75'X 10'.

LINING: The reserve pit is to be lined with a synthetic liner of 12 mil minimum thickness.

MUD PROGRAM: The entire well will be drilled with aerated water.

DRILLING WATER SUPPLY: To be purchased from Target trucking.

### STIPULATIONS FOR APD APPROVAL

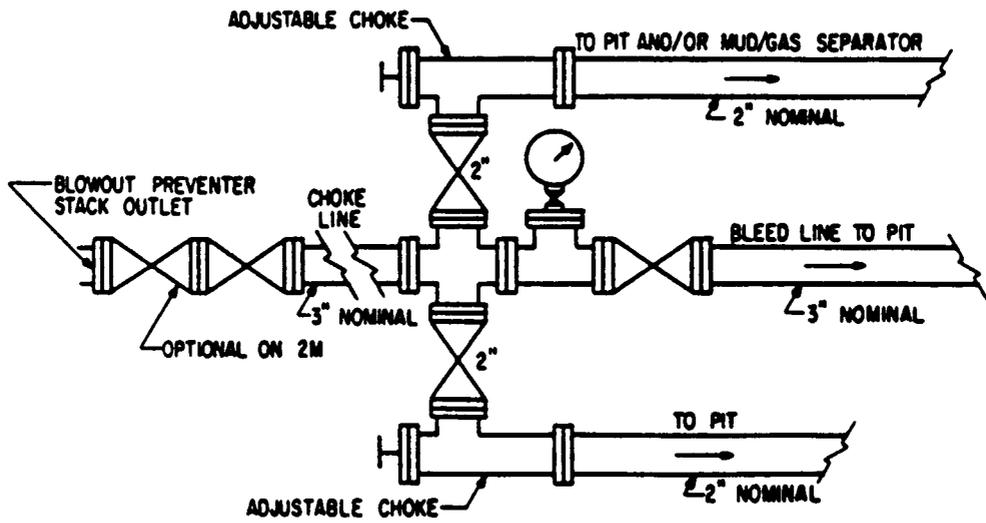
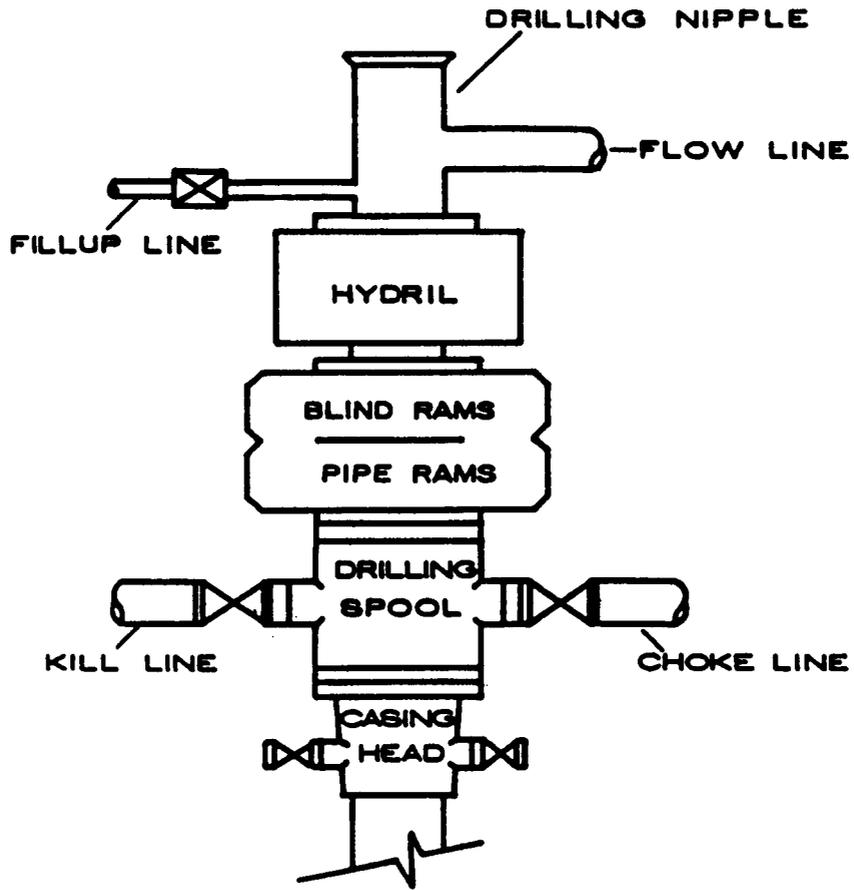
Location is to be bermed to prevent run off.

The reserve pit is to be lined with a synthetic liner.

### ATTACHMENTS

Photographs will be placed on file.

# BOP STACK



COASTAL OIL & GAS CORPORATION

NBU #161  
SE $\frac{1}{4}$ SE $\frac{1}{4}$  Section 32, T9S, R22E  
Uintah County, Utah

Supplement to Application for Permit to Drill

1. Location and Type of Water Supply:

- A. Water for drilling will be obtained from an existing industrial water well (Uintah #1) owned by Target Trucking, Inc. and located in the SE $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$  Section 16, Township 10 South, Range 21 East, Uintah County, Utah; Permit Number 49-991 (A57530).

2. Methods of Handling Waste Disposal:

- A. Sewage - self-contained, chemical toilets will be provided for human waste disposal. Upon completion of operations, the holding tanks will be pumped and the contents disposed of in a municipal sewage treatment facility or other authorized disposal facility.
- B. Garbage and other waste materials - all trash will be contained in a portable trash cage. Upon completion of operations, all trash will be hauled to an approved sanitary landfill.
- C. Cuttings and drilling fluids - the cuttings will be deposited in the reserve pit. Drilling fluids will be contained in reserve pit and allowed to evaporate. The reserve pit will be designed to prevent the collection of surface runoff and will be constructed with a minimum of one-half (1/2) the total depth below the original ground surface on the lowest point within the pit. The reserve pit will not be lined unless fractured rock or extremely porous soil/rock formations are encountered.

3. Plans for Reclamation of the Surface:

- A. Backfilling, leveling and re-contouring are planned as soon as the reserve pit dries. Waste and spoil materials will be disposed of immediately upon completion of drilling and workover activities. If production is established, the unneeded areas of the location will be reclaimed as soon as the reserve pit dries.
- B. Upon completion of backfilling, leveling and re-contouring, the stockpiled topsoil will be evenly spread over the reclaimed area(s). All disturbed surfaces (including access road and well pad areas) will be reseeded using the seed mixture recommended by the State of Utah. Seed will be drilled on the contour to an approximate depth of 1/2 inch.
- C. Three sides of the reserve pit will be fenced during drilling operations. Prior to rig release, the reserve pit will be fenced on the fourth side to prevent livestock and wildlife from becoming entrapped, and the fencing will be maintained until leveling and cleanup are accomplished.

3. Plans for Reclamation of the Surface: Continued

- D. If any oil is on the pits and is not immediately removed after operations cease, the pit containing the oil or other adverse substances will be flagged overhead or covered with wire mesh.
- E. The reclamation operations will begin after the drilling rig is removed. Removal of oil or other adverse substances will begin immediately or area will be flagged and fenced. Other cleanup will be done as needed. Rehabilitation operations should be completed by the Fall of 1991.

4. Other Information:

- A. A cultural resource inventory of the proposed well site and access road has been completed.

5. Surface Ownership:

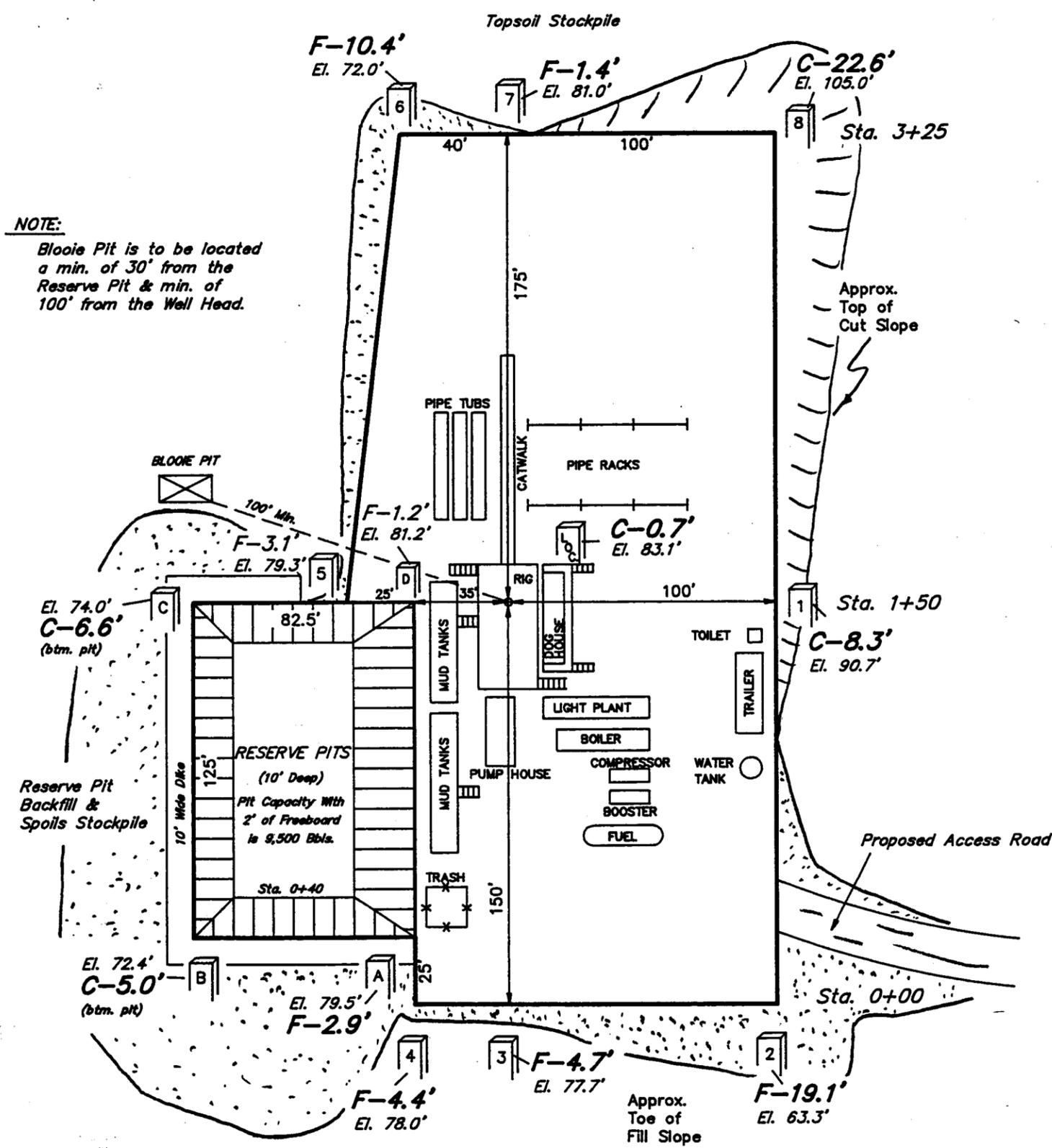
State of Utah  
Division of State Lands and Forestry  
Salt Lake City, Utah  
Telephone: (801) 538-5508

6. Contact for Additional Data if Required:

Heitzman Drill-Site Services  
Dale Heitzman/Bob Anderson  
P. O. Box 3579  
Casper, Wyoming 82602  
Telephone: (307) 266-4840

COASTAL OIL & GAS CORP.

LOCATION LAYOUT FOR  
NBU #161  
SECTION 32, T9S, R22E, S.L.B.&M.

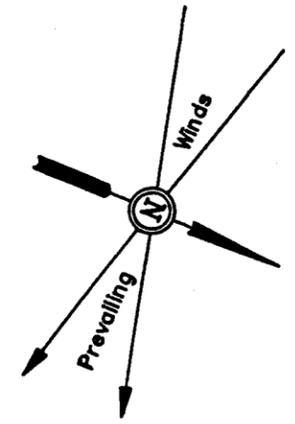


**NOTE:**  
Blooie Pit is to be located  
a min. of 30' from the  
Reserve Pit & min. of  
100' from the Well Head.

**APPROXIMATE YARDAGES**

CUT (6") Topsoil Stripping	= 1,070 Cu. Yds.
Remaining Location	= 10,640 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 11,710 CU.YDS.</b>
FILL	= 7,360 CU.YDS.

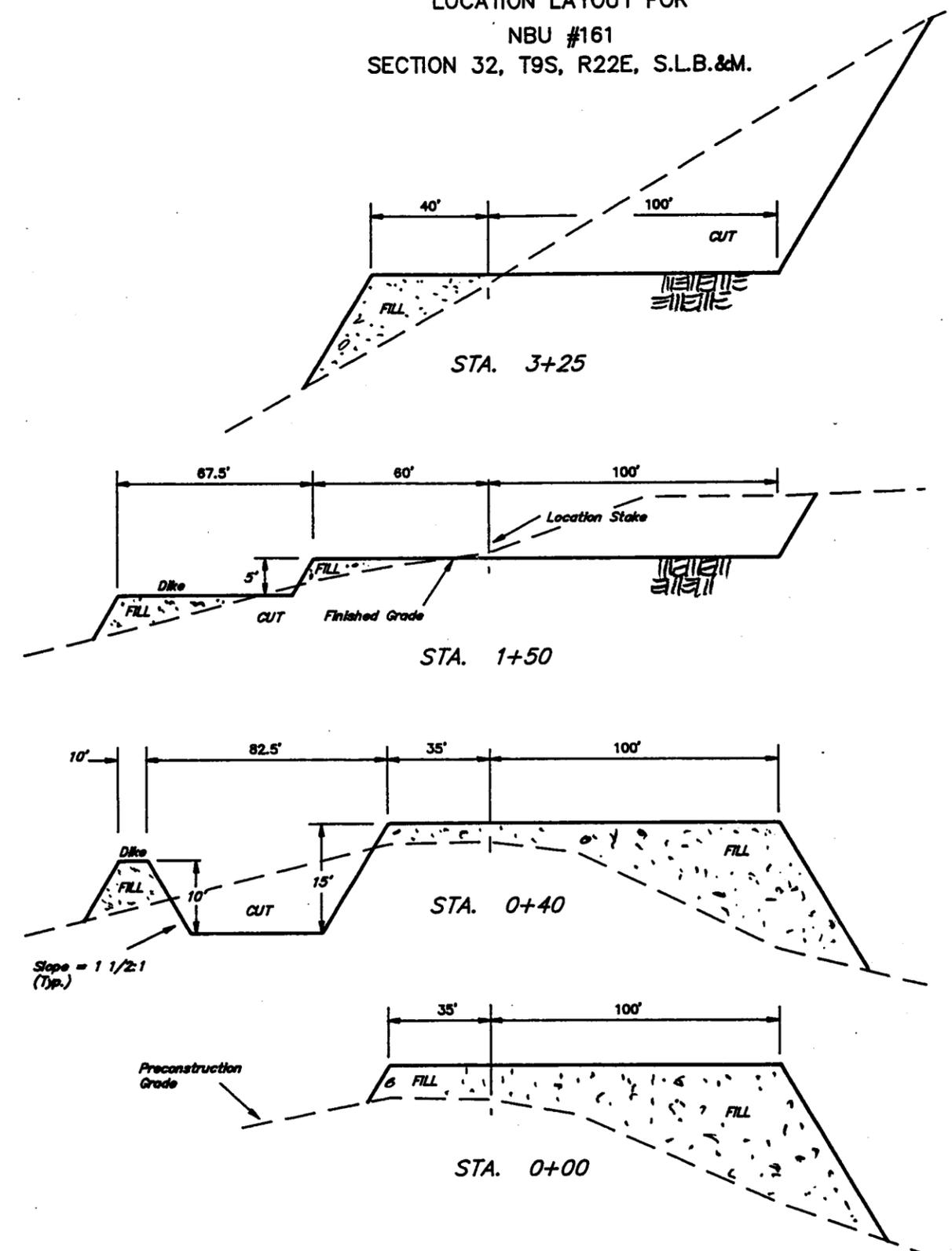
EXCESS MATERIAL AFTER 5% COMPACTION	= 3,960 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 2,290 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 1,670 Cu. Yds.



SCALE: 1" = 50'  
DATE: 3-4-91  
Drawn By: T.D.H.

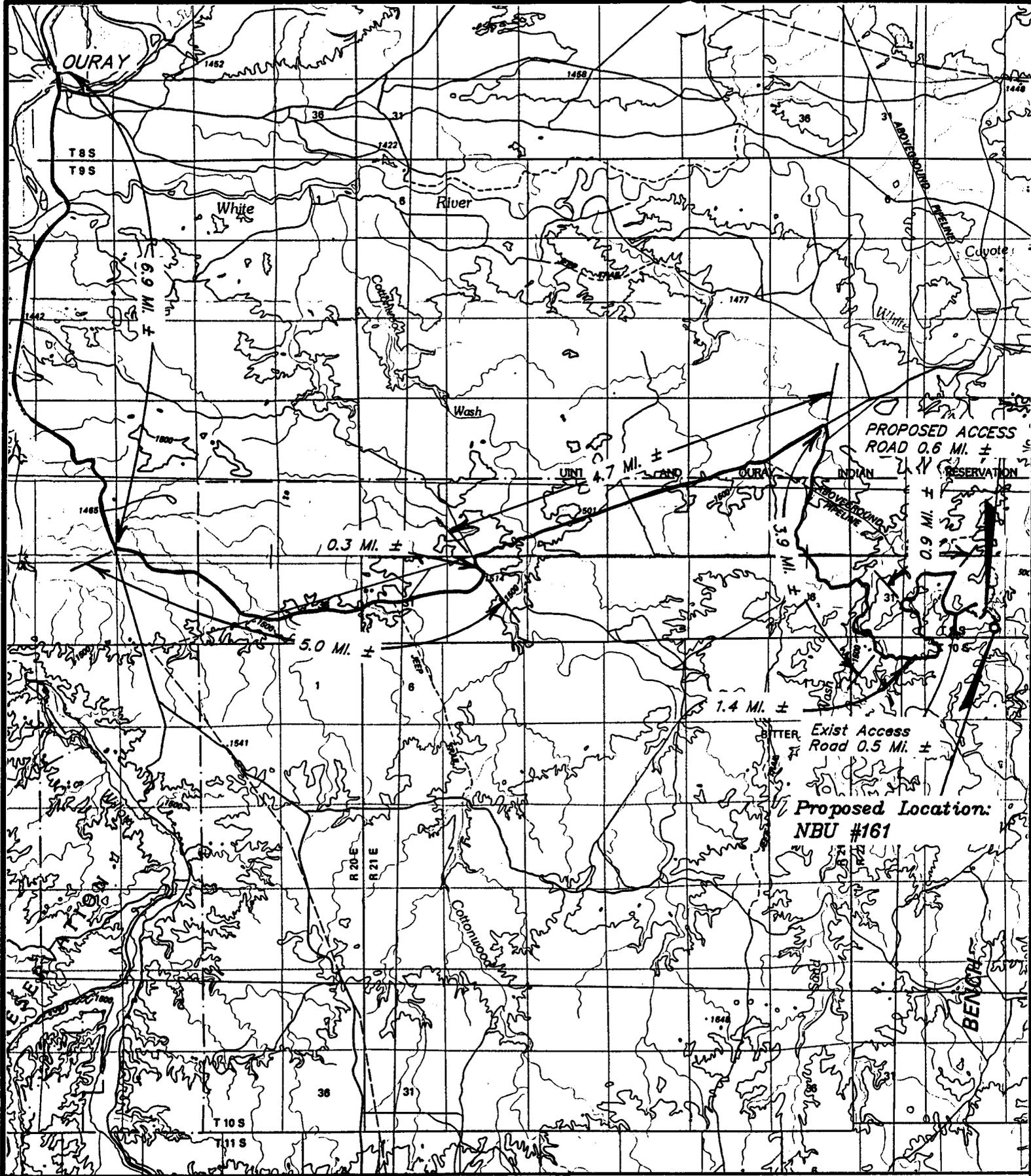
X-Section  
Scale  
1" = 20'  
1" = 50'

TYP. LOCATION LAYOUT  
TYP. CROSS SECTIONS



**NOTES:**  
Elev. Ungraded Ground At Loc. Stake = 5083.1'  
FINISHED GRADE ELEV. AT LOC. STAKE = 5082.4'

**FIGURE #1**



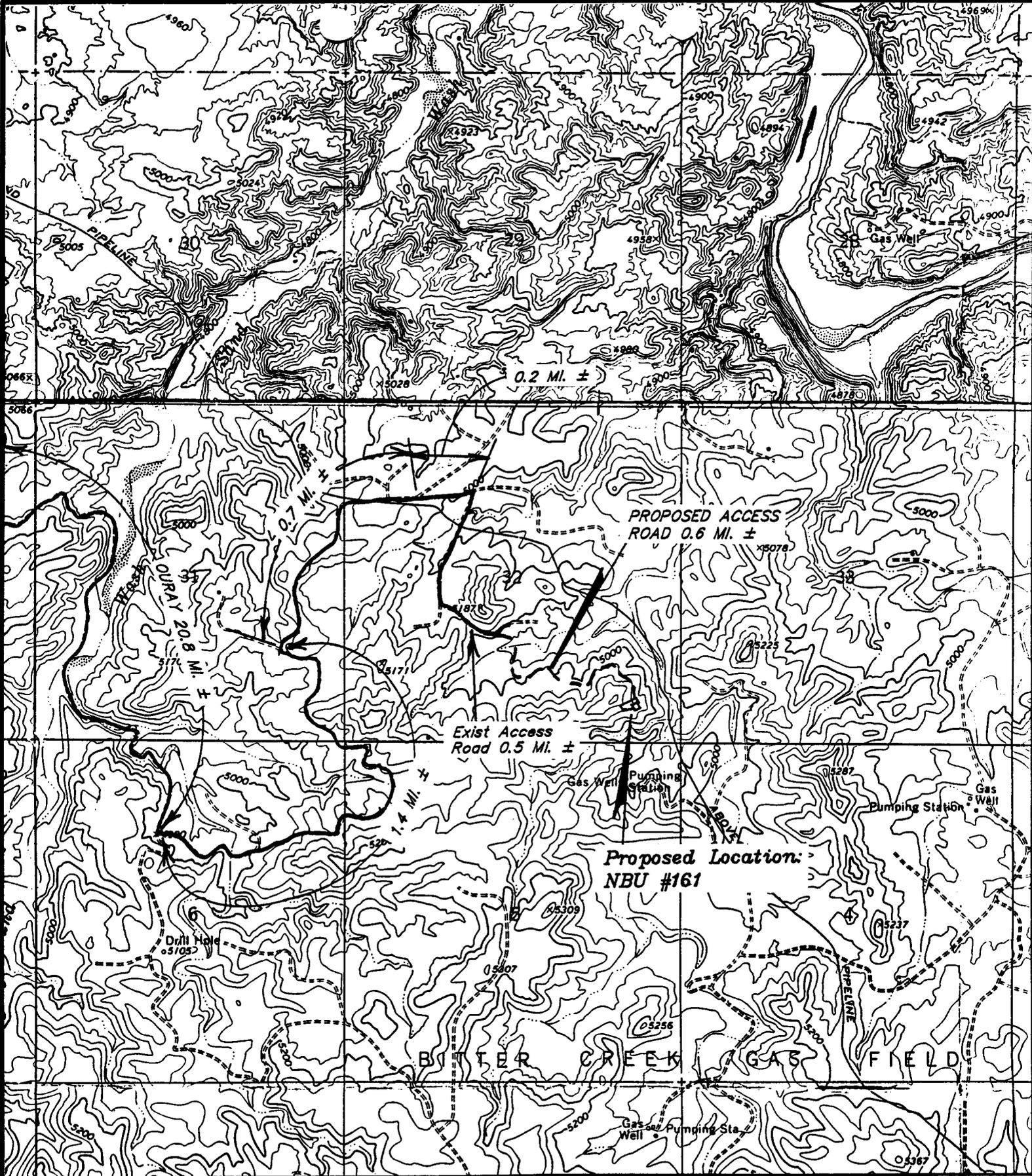
TOPOGRAPHIC  
MAP "A"

DATE 3-4-91



**COASTAL OIL & GAS CORP.**

NBU #161  
SECTION 32, T9S, R22E, S.L.B.&M.



TOPOGRAPHIC  
 MAP "B"  
 SCALE: 1" = 2000'  
 DATE 3-4-91



**COASTAL OIL & GAS CORP.**  
 NBU #161  
 SECTION 32, T9S, R22E, S.L.B.&M.

OPERATOR Coastal Oil Gas Corp N-0030 DATE 5-3-91

WELL NAME NB.U 161

SEC SESE 30 T 9S R 2WE COUNTY Mintah

43-047-30003  
API NUMBER

State (3)  
TYPE OF LEASE

CHECK OFF:

PLAT.

BOND

NEAREST WELL

LEASE

FIELD SLBM

POTASH OR OIL SHALE

PROCESSING COMMENTS:

Included in 1<sup>st</sup> supplement of 1991 POD approved 3-07-91.  
Water Permit 49-991/A57530 largest ducking  
Permit 4-30-91 / Biology review 5-6-91.  
Oil shale area

APPROVAL LETTER:

SPACING:

R615-2-3

Natural Buttes  
UNIT

R615-3-2

N/A  
CAUSE NO. & DATE

R615-3-3

STIPULATIONS:

1. Oil shale
- 2 cc. St Chands
- 2 Location is to be bermed to prevent run-off.
3. The reserve pit is to be lined with a synthetic liner.



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Norman H. Bangertter  
Governor

Dee C. Hansen  
Executive Director

Dianne R. Nielson, Ph.D.  
Division Director

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340

May 6, 1991

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

Gentlemen:

Re: NBU 161 Well, 580 feet from the South line, 759 feet from the East line, SE SE, Section 32, Township 9 South, Range 22 East, Uintah County, Utah

Approval to drill the referenced well is hereby granted in accordance with Utah Code Ann. Section 40-6-18, et seq. (1953, as amended), and Utah Admin. R.615-2-3, subject to the following stipulations:

1. Special attention is directed to compliance with Utah Admin. R.615-3-34, which prescribes drilling procedures for designated oil shale areas.
2. Location is to be bermed to prevent runoff.
3. The reserve pit is to be lined with a synthetic liner.

In addition, the following actions are necessary to fully comply with this approval:

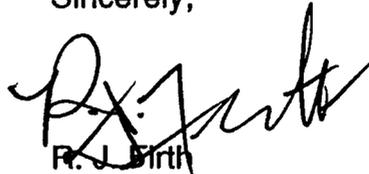
1. Spudding notification within 24 hours after drilling operations commence.
2. Submittal of Entity Action Form 6, within five working days following spudding and whenever a change in operations or interests necessitates an entity status change.
3. Submittal of the Report of Water Encountered During Drilling, Form 7.
4. Prompt notification in the event it is necessary to plug and abandon the well. Notify R. J. Firth, Associate Director, (Office) (801) 538-5340, (Home) 571-6068, or J. L. Thompson, Lead Inspector, (Home) 298-9318.

Page 2  
Coastal Oil & Gas Corporation  
NBU 161  
May 6, 1991

5. Compliance with the requirements of Utah Admin. R.615-3-20, Gas Flaring or Venting.
6. Prior to commencement of the proposed drilling operations, plans for facilities for disposal of sanitary wastes at the drill site shall be submitted to the local health department. These drilling operations and any subsequent well operations must be conducted in accordance with applicable state and local health department regulations. A list of local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of Drinking Water/Sanitation, telephone (801) 538-6159.
7. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-047-32023.

Sincerely,



R. J. Smith  
Associate Director, Oil & Gas

tas  
Enclosures  
cc: Bureau of Land Management  
Division of State Lands  
J. L. Thompson  
we14/1-8

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION & SERIAL NO.	ML-22649
6. IF INDIAN ALLOTTEE OR TRIBE NAME	Not Applicable
7. UNIT AGREEMENT NAME	Natural Buttes
8. FARM OR LEASE NAME	NBU
9. WELL NO.	161
10. FIELD AND POOL, OR WILDCAT	Natural Buttes

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
Coastal Oil & Gas Corporation

3. ADDRESS OF OPERATOR  
P. O. Box 749, Denver, Colorado 80201-0749

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)  
At surface 580' FSL, 759' FEL (SE $\frac{1}{2}$ SE $\frac{1}{2}$ ) 32-9S-22E  
At proposed prod. zone Same As Above

14. API NO. 43-047-32023

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
5083' GR

*Dne -*  
*NO [row 2] 829*  
*obligation*  
*necessary pipeline*  
*now*  
*as success*

R22E  
ATE  
in

16. Check Appropriate Box To Indicate Nature of Notice, Rep:

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETE	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	ABANDON	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>
(Other)		Build Loop Road	<input checked="" type="checkbox"/>

WATER SHUT-OFF	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
FRACTURE TREATMENT	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
SHOOTING OR ACIDIZING	<input type="checkbox"/>		
(Other)			

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

APPROX. DATE WORK WILL START ASAP

DATE OF COMPLETION \_\_\_\_\_

17. 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.)

\* Must be accompanied by a cement verification report.

Coastal Oil & Gas Corporation proposes to construct approximately 0.3 mile of new road connecting the proposed NBU #161 to the existing NBU #140 well location: Lot 2, Section 5, Township 10 South, Range 22 East. This "Loop Road" will cross the S $\frac{1}{2}$ SE $\frac{1}{2}$  of Section 32, Township 9 South, Range 22 East and will expedite access in this area to the southern portion of the Natural Buttes Unit from the north.

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

RECEIVED

DATE: 5-17-91 MAY 17 1991

BY: [Signature]

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

SIGNED [Signature] TITLE Authorized Agent DATE May 10, 1991

Robert M. Anderson

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)		5. LEASE DESIGNATION & SERIAL NO. ML-22649
1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		6. IF INDIAN ALLOTTEE OR TRIBE NAME Not Applicable
2. NAME OF OPERATOR Coastal Oil & Gas Corporation		7. UNIT AGREEMENT NAME Natural Buttes
3. ADDRESS OF OPERATOR P. O. Box 749, Denver, Colorado 80201-0749		8. FARM OR LEASE NAME NBU
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 580' FSL, 759' FEL (SE $\frac{1}{4}$ SE $\frac{1}{4}$ ) 32-9S-22E At proposed prod. zone Same As Above		9. WELL NO. 161
14. API NO. 43-04732023		10. FIELD AND POOL, OR WILDCAT Natural Buttes
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5083' GR		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 32, T9S, R22E
		12. COUNTY Uintah
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
(Other) _____	Build Loop Road <input checked="" type="checkbox"/>	DATE OF COMPLETION _____	
APPROX. DATE WORK WILL START <u>ASAP</u>			

17. 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.)

\* Must be accompanied by a cement verification report.

Coastal Oil & Gas Corporation proposes to construct approximately 0.3 mile of new road connecting the proposed NBU #161 to the existing NBU #140 well location: Lot 2, Section 5, Township 10 South, Range 22 East. This "Loop Road" will cross the S $\frac{1}{2}$ SE $\frac{1}{4}$  of Section 32, Township 9 South, Range 22 East and will expedite access in this area to the southern portion of the Natural Buttes Unit from the north.

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING  
 DATE: 5-17-91 MAY 17 1991  
 BY: [Signature]

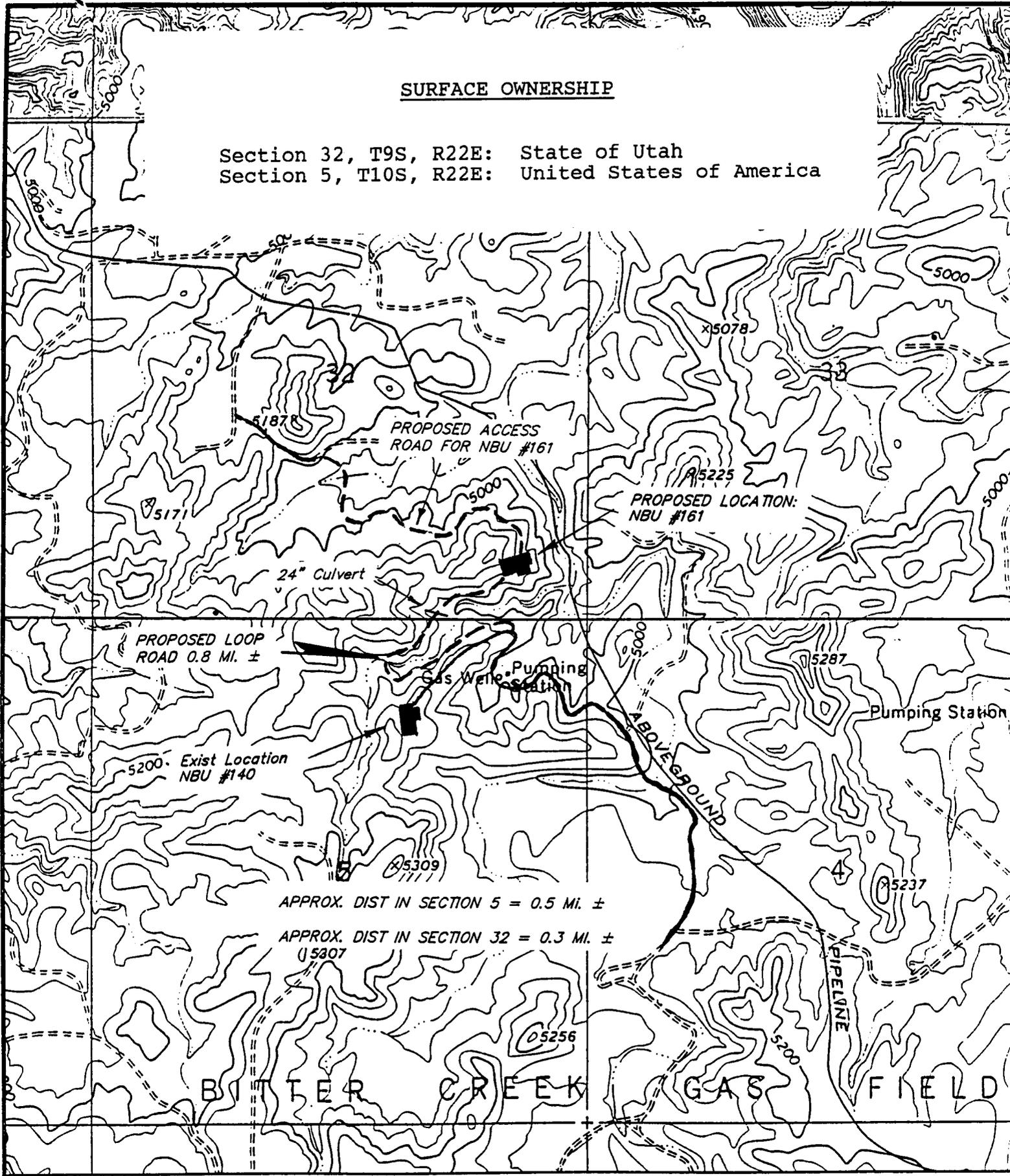
18. I hereby certify that the foregoing is true and correct

SIGNED [Signature] TITLE Authorized Agent DATE May 10, 1991  
Robert M. Anderson  
 (This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
 CONDITIONS OF APPROVAL, IF ANY:

SURFACE OWNERSHIP

Section 32, T9S, R22E: State of Utah  
Section 5, T10S, R22E: United States of America



APPROX. DIST IN SECTION 5 = 0.5 MI. ±

APPROX. DIST IN SECTION 32 = 0.3 MI. ±  
(U5307)

TOPOGRAPHIC  
MAP

NO SCALE  
DATE 4-19-91



**COASTAL OIL & GAS CORP.**

PROPOSED LOOP ROAD  
SECTION 5, T10S, R22E, S.L.B.&M. &  
SECTION 32, T9S, R22E, S.L.B.&M.

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

SUBMIT TRIPLICATE\*  
(Other instructions on reverse side)

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work  
DRILL  DEEPEN  PLUG BACK

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

2. Name of Operator  
Coastal Oil & Gas Corporation

3. Address of Operator  
P. O. Box 749, Denver, Colorado 80201-0749

4. Location of Well (Report location clearly and in accordance with any State requirements.)  
At surface  
580' FSL, 759' FEL (SE $\frac{1}{4}$ SE $\frac{1}{4}$ ) Section 32, T9S, R22E  
At proposed prod. zone  
Same As Above

14. Distance in miles and direction from nearest town or post office\*  
Approximately 16 Miles Southeast of Ouray, Utah

15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. line, if any) 580'  
16. No. of acres in lease 640  
17. No. of acres assigned to this well 80

18. Distance from proposed location\* to nearest well, drilling, completed, or applied for, on this lease, ft. 1600'  
19. Proposed depth 6100'  
20. Rotary or cable tools Rotary

21. Elevations (Show whether DF, RT, GR, etc.) 5083' GR  
22. Approx. date work will start\* May 1, 1991

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
12-1/4"	8-5/8" K-55	24.0#	0-250'	180 sx Circulate to Surface
7-7/8"	5-1/2" K-55	17.0#	0-T.D.	550 sx Lite + Class "G"

5. Lease Designation and Serial No. ML-22649  
6. If Indian, Allottee or Tribe Name Not Applicable  
7. Unit Agreement Name Natural Buttes  
8. Farm or Lease Name NBU  
9. Well No. 161  
10. Field and Pool, or Wildcat Natural Buttes  
11. Sec., T., R., M., or Blk. and Survey or Area Section 32, T9S, R22E  
12. County or Parrish Uintah  
13. State Utah

PLEASE REFER TO ATTACHED DRILLING PROGNOSIS.

RECEIVED

MAY 23 1991

DIVISION OF OIL GAS & MINING



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

24. Signed: Dale Heitzman Title: Authorized Agent Date: April 16, 1991  
(This space for Federal or State office use)

Permit No. \_\_\_\_\_ Approval Date \_\_\_\_\_

ACCEPTED BY BLM FOR

MAY 22 1991

Approved by: UNIT PURPOSES ONLY Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of \_\_\_\_\_

Ut-080-1m-127

\*See Instructions On Reverse Side

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

6. Lease Designation and Serial Number

ML-22649

7. Indian Allottee or Tribe Name

N/A

8. Unit or Communitization Agreement

Natural Buttes Unit

9. Well Name and Number

NBU #161

10. API Well Number

43-047-32023

11. Field and Pool, or Wildcat

Natural Buttes

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. Type of Well

- Oil Well  Gas Well  Other (specify)

2. Name of Operator

Coastal Oil & Gas Corporation

3. Address of Operator

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

4. Telephone Number

(303) 573-4476

5. Location of Well

Footage : 580' FSL & 759' FEL  
Q. Sec. T. R. M. : SE/SE Section 32, T9S-R22E

County : Uintah

State : UTAH

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

NOTICE OF INTENT  
(Submit in Duplicate)

- Abandonment  New Construction  
 Casing Repair  Pull or Alter Casing  
 Change of Plans  Recompletion  
 Conversion to Injection  Shoot or Acidize  
 Fracture Treat  Vent or Flare  
 Multiple Completion  Water Shut-Off  
 Other Pipeline Right-of-Way

Approximate Date Work Will Start \_\_\_\_\_

SUBSEQUENT REPORT  
(Submit Original Form Only)

- Abandonment  New Construction  
 Casing Repair  Pull or Alter Casing  
 Change of Plans  Shoot or Acidize  
 Conversion to Injection  Vent or Flare  
 Fracture Treat  Water Shut-Off  
 Other \_\_\_\_\_

Date of Work Completion \_\_\_\_\_

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

\* Must be accompanied by a cement verification report.

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

Coastal Oil & Gas Corporation requests a right-of-way to install a 4" gas pipeline from the NBU #161 gas well and tie into the existing gas pipeline. This right-of-way will be located in Section 32, T9S-R22E within lease #ML-22649 and within the Natural Buttes Unit boundaries. Coastal requests a 30' width easement with a total slope distance of ±520'. There will be minimum surface disturbance as the pipeline will be laid on the surface. Please see the attached topographic map which illustrates this proposed right-of-way.

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

DATE: 2-4-92  
BY: [Signature]

RECEIVED

FEB 03 1992

DIVISION OF  
OIL GAS & MINING

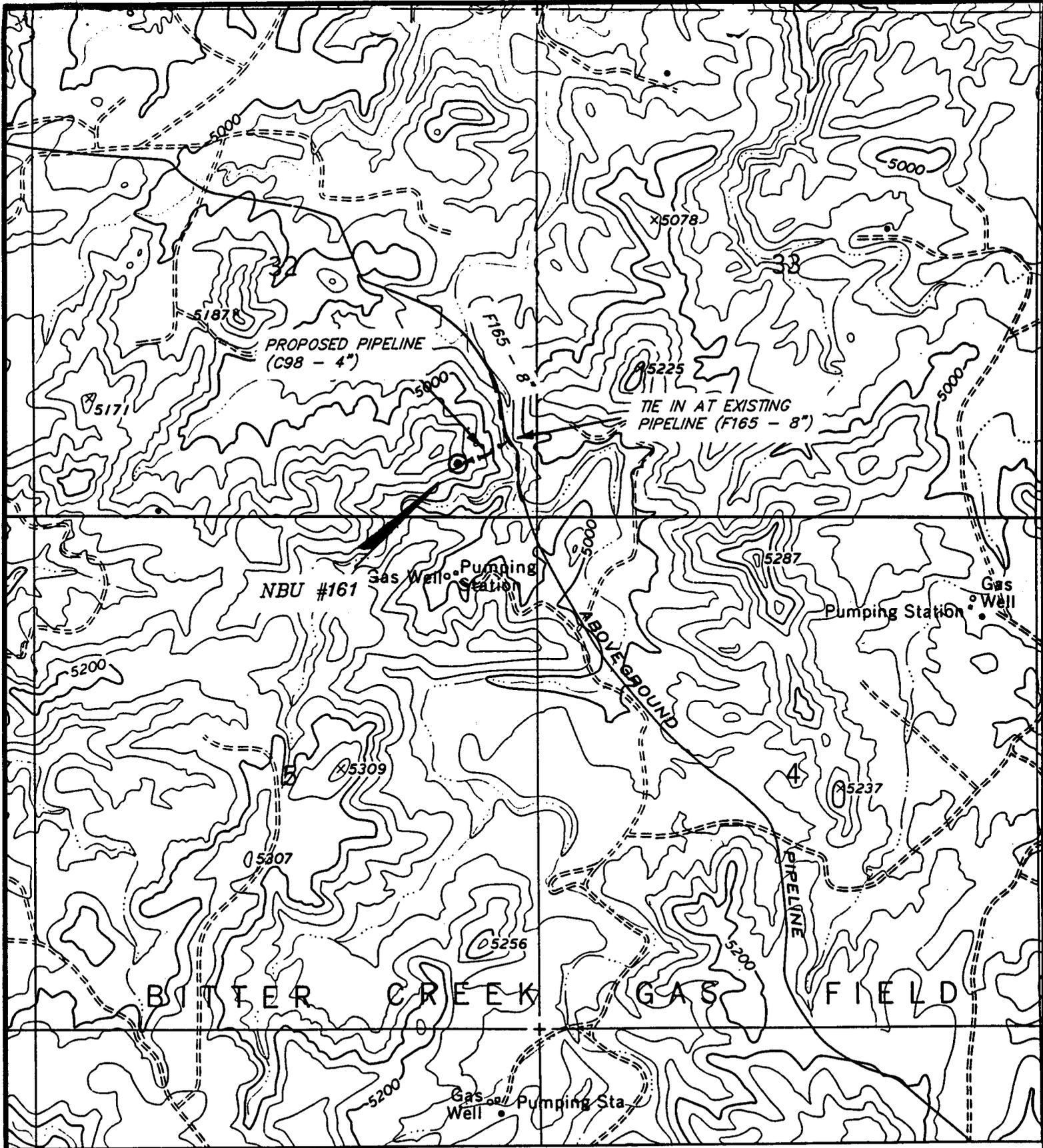
14. I hereby certify that the foregoing is true and correct

Name & Signature

[Signature]

Title Regulatory Analyst Date 1/29/92

(State Use Only)



**TOTAL PIPELINE SLOPE DISTANCE = 520'**

**TOPOGRAPHIC  
MAP "D"**

**LEGEND**

- EXISTING PIPELINE
- Proposed Pipeline



**COASTAL OIL & GAS CORP.**

PROPOSED PIPELINE RIGHT-OF-WAY FOR  
NBU #161  
SECTION 32, T9S, R22E, S.L.B.&M.

DATE: 1-16-92

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: COASTAL 43-047-32023

WELL NAME: NBU 161

Section 32 Township 9S Range 22E County UINTAH

Drilling Contractor \_\_\_\_\_

Rig # \_\_\_\_\_

SPUDDED: Date 3-11-92

Time 11:00 AM

How DRY HOLE

Drilling will commence \_\_\_\_\_

Reported by DOUG W/LEON ROSS

Telephone # 722-4469

Date 3-11-92 SIGNED CAK

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

**RECEIVED**

MAR 25 1992

OPERATOR Coastal Oil & Gas Corporation  
 ADDRESS P. O. Box 749  
Denver, CO 80201-0749

OPERATOR ACCT. NO. M 0230

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	DIVISION OF OIL GAS & MINING	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
						QQ	SC	TP	RG	COUNTY		
B	2900 →		43-047-32164		CIGE #162-36-9-22	SESE	36	9S	22E	Uintah	3/13/92	3/13/92
WELL 1 COMMENTS: FOR CIG Exploration  * Entities added 3-31-92. ff												
B	2900 →		43-047-31957		NBU #104	SENE	16	9S	21E	Uintah	3/16/92	3/16/92
WELL 2 COMMENTS:												
B	2900 →		43-047-32023		NBU #161	SESE	32	9S	22E	Uintah	3/11/92	3/11/92
WELL 3 COMMENTS:												
WELL 4 COMMENTS:												
WELL 5 COMMENTS:												

- ACTION CODES (See instructions on back of form)**  
 A - Establish new entity for new well (single well only)  
 B - Add new well to existing entity (group or unit well)  
 C - Re-assign well from one existing entity to another existing entity  
 D - Re-assign well from one existing entity to a new entity  
 E - Other (explain in comments section)

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

*Eileen Danni Dey*  
 Signature Eileen Danni Dey  
 Regulatory Analyst 3/20/92  
 Title Date

Phone No. (303) 573-4476

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

6. Lease Designation and Serial Number ML-22649
7. Indian Allottee or Tribe Name N/A
8. Unit or Communitization Agreement Natural Buttes Unit
9. Well Name and Number NBU #161
10. API Well Number 43-047-32023
11. Field and Pool, or Wildcat Natural Buttes

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells; deepen existing wells; or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT— for such proposals.

1. Type of Well  
 Oil Well     Gas Well     Other (specify) \_\_\_\_\_

2. Name of Operator  
Coastal Oil & Gas Corporation

3. Address of Operator  
P. O. Box 749                      Denver, CO 80201-0749

4. Telephone Number  
(303) 573-4476

5. Location of Well  
 Footage : 580' FSL & 759' FEL  
 Q.Q. Sec. T. R. M. : SE/SE Section 32, T9S-R22E  
 County : Uintah  
 State : UTAH

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

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

<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Other _____	

Approximate Date Work Will Start \_\_\_\_\_

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

<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Other <u>Report of Spud</u>	

Date of Work Completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.  
 • Must be accompanied by a cement verification report.

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

MIRU Leon Ross Drilling, Inc. Spudded surface hole @ 11:00 a.m., 3/11/92. Drilled 12-1/4" hole to 240' GL. Ran 6 joints 8-5/8", 24#, K-55, ST&C and set at 250' KB. Cemented w/150 sx Premium Plus AG plus additives.

**RECEIVED**  
MAR 25 1992  
DIVISION OF  
OIL, GAS & MINING

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

Name & Signature Eileen Danni DeG Title Regulatory Analyst Date 3/20/92  
 (State Use Only) Eileen Danni DeG

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

6. Lease Designation and Serial Number	ML-22649
7. Indian Allottee or Tribe Name	N/A
8. Unit or Communitization Agreement	Natural Buttes Unit
9. Well Name and Number	NBU #161
10. API Well Number	43-047-32023
11. Field and Pool, or Wildcat	Natural Buttes

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. Type of Well  
 Oil Well     Gas Well     Other (specify)

2. Name of Operator  
 Coastal Oil & Gas Corporation

3. Address of Operator  
 P. O. Box 749                      Denver, CO 80201-0749

4. Telephone Number  
 (303) 573-4476

5. Location of Well

Footage : 580' FSL & 759' FEL  
 QG. Sec. T. R. M. : SE/SE Section 32, T9S-R22E

County : Uintah  
 State : UTAH

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

NOTICE OF INTENT  
(Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandonment             | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair           | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans         | <input type="checkbox"/> Recompletion         |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Fracture Treat          | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion     | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other                   |   |

Approximate Date Work Will Start \_\_\_\_\_

SUBSEQUENT REPORT  
(Submit Original Form Only)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandonment             | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair           | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans         | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat          | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other        | Report of Operations                          |

Date of Work Completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.  
 • Must be accompanied by a cement verification report.

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

Please see the chronological history for the drilling operations performed on the above referenced well.



APR 09 1992

DIVISION OF  
OIL, GAS & MINING

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

Name & Signature *Colleen Hannah Day*  
 (State Use Only) Colleen Hannah Day

Title Regulatory Analyst Date 4/3/92

COASTAL OIL & GAS CORPORATION  
CHRONOLOGICAL HISTORY

NBU #161  
NATURAL BUTTES UNIT  
UINTAH COUNTY, UTAH  
COASTALDRIL #1  
WI: 100% COGC AFE: 13471  
ATD: 6150' (WASATCH) SD: 3/26/92  
CSG: 8-5/8" @ 255'; 5 1/2" @ 6101'  
DHC(M\$): 164.2

MAR 09 1992

- 3/20/92 250' WORT Spud well at 11:00 a.m., 3/11/92 w/Leon Ross Drlg Co. Drill 12-1/4" hole to 240' GL. Ran 6 jts 8-5/8", 24#, K-55, ST&C, ttl length 238.66'. Cmt w/Howco: 150 sx Prem Plus AG, 2% CaCl<sub>2</sub>, 1/4#/sx Flocele. Displ w/14.3 BW. Circ 8 bbls cmt to pit. Set at 250' KB. CC: \$31,418.
- 3/26/92 630' Drlg 375'/5.5 hrs. Spudded well at 12:00 a.m., 3/26/92. MI RURT. Test BOPE, U&L kelly cock, choke manifold and pipe rams to 2000 psi/OK. Test hydril, blind rams and csg to 1500 psi/OK. PU DC. Drill cmt (tag cmt at 225'). Drlg w/AM. Svy: 1 deg @ 510'. Air mist, 1200 SCFM. CC: \$59,692.
- 3/27/92 2140' Drlg 1510'/22.5 hrs. Drlg w/air mist. RS. Drlg, svys: 3/4 deg @ 1090'; 1 deg @ 1595'. Drlg w/aerated wtr. Hit wtr at 910'. MW 8.4, VIS 27, 650 CFM. CC: \$77,453.
- 3/28/92 3320' Drlg 1180'/22.5 hrs. Svys: 1-3/4 deg @ 2100'; 2 deg @ 2539'; 1 deg @ 3044'. Drlg w/aerated wtr. MW 8.4, VIS 27, AIR 550 CFM. CC: \$87,453.
- 3/29/92 4330' Drlg 1010'/23 hrs. Drlg, svys: 1-1/4 deg @ 3551'; 1-1/2 deg @ 4089'. Drlg w/aerated wtr. MW 8.4, VIS 27, 500 CFM. CC: \$94,592.
- 3/30/92 5120' Drlg 790'/23.5 hrs. Drlg, svy: 2 deg @ 4500'. RS. Drlg w/aerated wtr. MW 8.4, VIS 27, 500 CFM. CC: \$108,115.
- 3/31/92 5750' Drlg 630'/23.5 hrs. Drlg, svy: 1-3/4 deg @ 5415'. RS, chk BOPE. Drlg brk from 5582-5608', slight show of gas. Aerated DAP wtr, MW 8.4, VIS 27, AIR 500 CFM. CC: \$124,086.
- 4/1/92 6105' TOH w/BHA to run open hole logs. 355'/12 hrs. Drlg, circ. TFNB. W&R 28' to btm, no fill. Drlg, RS and check BOPE. Drlg, circ, short trip 17 stds. Displace hole w/400 bbls 10 ppg brine wtr. TOH w/BHA. Aerated DAP wtr, MW 8.4, VIS 27, AIR 500 CFM. CC: \$135,163.
- 4/2/92 6105' RDRT & prep to move. POH w/BHA. SLM, no corr. MIRU Atlas Wireline. Ran DLL-GR-CDL from 6105'-4100'. Had tool failure at 4100'. RD Atlas. Logger's TD 6110'. TIH w/BHA. RU LD machine and LD DP and DC. RU and run 142 jts, 5-1/2" 17# J-55 LT&C csg to 6101'. FC at 6057', tally run 6102.69'. Circ & wash 5' to btm. RU Halliburton and pump 30 BSF w/20 BFW and 425 sx Hifill cmt w/1#/sx Capseal, 0.3% HR-7 followed by 630 sx 50-50 Poz cmt w/2% gel, 10% salt, 0.6% Halad 24, 0.2% CFR-3 and 1#/sx Capseal. Displace w/141 BFW. Pump plug w/2000 psi (500 psi over). Floats held. Good circ throughout job w/no returns to surf. Set slips w/100,000#. ND BOP and cut off csg. Release rig at 6:00 a.m., 4/2/92. CC: \$214,271. FINAL DRILLING REPORT.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

APR 17 1992

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

SUNDRY NOTICES AND REPORTS ON WELLS OIL GAS & MINING

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

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) 573-4476

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

5. Lease Designation and Serial No.  
 See Attached List

6. If Indian, Allottee or Tribe Name  
 See Attached List

7. If Unit or CA, Agreement Designation  
 Natural Buttes Unit

8. Well Name and No.  
 See Attached List

9. API Well No.  
 See Attached List

10. Field and Pool, or Exploratory Area  
 Natural Buttes

11. County or Parish, State  
 Uintah County, Utah

12. CHECK APPROPRIATE BOX(S) 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"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other NTL 2B; IV
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> 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.)\*

Coastal Oil & Gas Corporation hereby requests permission to dispose of produced water in unlined pits per NTL-2B, IV, for the subject wells.

- These wells are completed in the Wasatch formation and produce less than 5 barrels of water per day on a monthly basis.
- Two unlined pits per location will be used due to the size and layout of the locations: 40' x 40' x 8' and 6' x 6' x 6' deep with berms surrounding them. Each pit will be fenced and will have cement corner posts per BLM specifications. (See the attached typical facilities diagram.)
- The average evaporation rate for the area compensated for annual rainfall is 70" per year.
- The estimated percolation rate based on the soil characteristics under and adjacent to the pits is 2-6" per hour.
- The depth of usable water aquifers in this area is approximately 1500'.

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

Signed Eileen Danni Dey Title Regulatory Analyst Date 4/14/92

(This space for Federal or State office use)

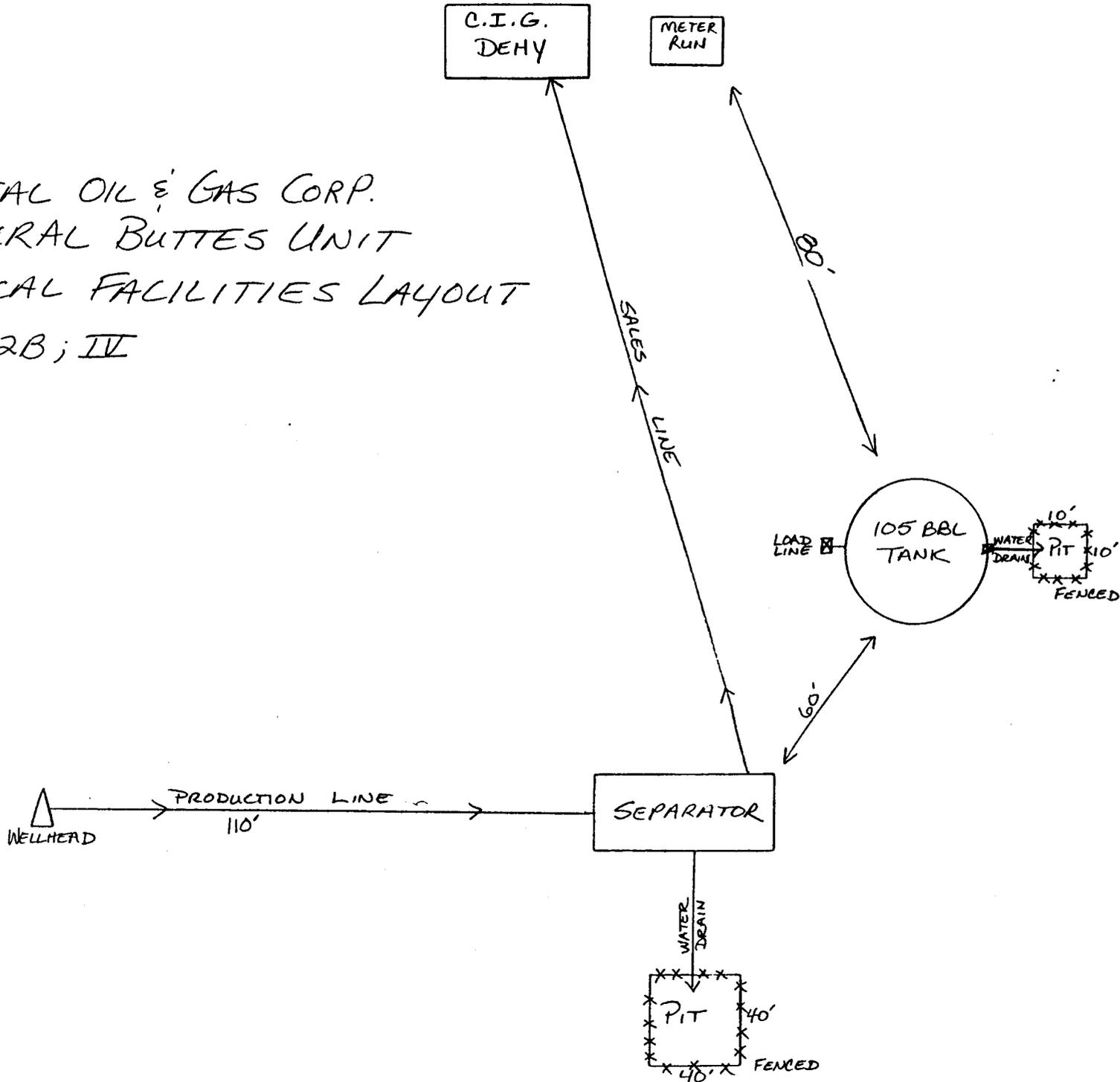
Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any: \_\_\_\_\_

**Accepted by the State of Utah Division of Oil, Gas and Mining**  
 Date: 4-29-92  
 BY: [Signature]

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.  
NATURAL BUTTES UNIT  
TYPICAL FACILITIES LAYOUT  
NTL-2B; IV



13-Apr-92

NATURAL BUTTES

UINTAH COUNTY, UTAH

WELL #	LOCATION				STATE OR BLM		API NUMBER
	QUAD	SEC	TWP	RGE	LEASE #	SURFACE	
NBU #103	SENE	10	9	21	U-0141315	UTE	43-047-31956
NBU #104	SENE	16	9	21	ST ML-3282	UTE	43-047-31957
NBU #105	SWSW	17	9	21	U-0575	UTE	43-047-31955
NBU #106	NESW	21	9	21	U-0576	UTE	43-047-31946
NBU #107	SENE	26	9	21	ST ML-01194	STATE	43-047-31916
NBU #108	SESE	19	9	22	U-0284	UTE	43-047-31958
NBU #109	SENE	27	9	21	ST U-01194-A	STATE	43-047-31917
NBU #110	NENE	28	9	21	U-0576	FED.	43-047-31924
NBU #111	SWNW	25	9	21	ST U-01194	STATE	43-047-31920
NBU #112	SESE	33	9	22	U-01191	FED.	43-047-31930
NBU #113	SESE	34	9	22	U-0149077	FED.	43-047-31931
NBU #114	SWSW	5	10	21	U-01393-D	FED.	43-047-31923
NBU #115	NENW	10	10	21	U-0149079	FED.	43-047-31929
NBU #116	NWNW	6	10	22	U-464	FED.	43-047-31925
NBU #117	NENE	10	10	22	ST UT-01197-A	STATE	43-047-31914
NBU #118	SENE	22	9	20	U-0577-B	UTE	43-047-31969
NBU #119	SENE	22	9	20	U-0577-B	UTE	43-047-31973
NBU #120	NWNW	10	9	21	U-0141315	UTE	43-047-31972
NBU #121	NWNE	13	9	21	U-01193	UTE	43-047-
NBU #122	SWSE	13	9	21	U-01193	UTE	43-047-32085
NBU #123	NWNW	15	9	21	U-01188	UTE	43-047-31974
NBU #124	NWNE	16	9	21	ST ML-3282	UTE	43-047-31971
NBU #125	NESE	17	9	21	U-0575	UTE	43-047-32090
NBU #126	NENW	21	9	21	U-0576	UTE	43-047-31962
NBU #127	SWNW	21	9	21	U-0576	UTE	43-047-31963
NBU #128	SWSW	21	9	21	U-0576	UTE	43-047-31964
NBU #129	SENE	22	9	21	U-010950-A	UTE	43-047-31965
NBU #130	SWNW	22	9	21	U-0147566	UTE	43-047-31967
NBU #131	NWSW	23	9	21	U-0149075	UTE	43-047-31966
NBU #132	NWNW	26	9	21	ST U-01194	STATE	43-047-31938
NBU #133	SWNE	28	9	21	U-0576	FED.	43-047-31950
NBU #134	SWSW	28	9	21	U-0576	FED.	43-047-32011
NBU #135	NESE	18	9	22	U-461	UTE	43-047-32089
NBU #136	SWSE	19	9	22	U-0284	UTE	43-047-31968
NBU #137	SESE	30	9	22	ST ML-22935	STATE	43-047-31939
NBU #138A	SENE	33	9	22	U-01191-A	FED.	43-047-32151
NBU #139	SWNE	14	10	21	U-465	FED.	43-047-31948
NBU #140	NWNE	5	10	22	U-01191A	FED.	43-047-31947
NBU #141	SENE	6	10	22	U-464	FED.	43-047-32017
NBU #142	NESE	10	10	22	U-025187	FED.	43-047-32013
NBU #143	NWNE	10	9	21	U-0141315	UTE	43-047-32088
NBU #144	NWNW	23	9	21	U-0149075	UTE	43-047-32044
NBU #145	NWNE	27	9	21	ST U-01194-A	STATE	43-047-31976
NBU #146	SWNW	14	10	21	U-465	FED.	43-047-31985
NBU #147	NWSW	4	10	22	U-01191	FED.	43-047-31984
NBU #148	SESW	4	10	22	U-01191	FED.	43-047-31983
NBU #149	NESE	5	10	22	U-01191	FED.	43-047-31982
NBU #150	SENE	9	10	22	U-01196-B	FED.	43-047-31992
NBU #151	NWNW	9	10	22	U-01196-B	FED.	43-047-31991
NBU #152	SESE	9	10	22	U-01196-D	FED.	43-047-31990
NBU #153	SWNW	11	10	22	ST U-01197-A	STATE	43-047-31975
NBU #154	NWSE	26	9	21	ST ML-22934	STATE	43-047-32003
NBU #155	SENE	31	9	22	ST ML-23607	STATE	43-047-32004
NBU #156	SWNW	35	9	21	ST U-01194	STATE	43-047-32005
NBU #157	SESW	32	9	22	ST ML-22649	STATE	43-047-32007
NBU #158	NWSE	27	9	21	ST U-01194-A	STATE	43-047-31997
NBU #159	NESW	35	9	21	ST U-01194	STATE	43-047-31996
NBU #160	SESW	31	9	22	ST ML-22935-A	STATE	43-047-32006
NBU #161	SESE	32	9	22	ST ML-22649	STATE	43-047-32023
NBU #162	SENE	12	10	20	U-4478	FED.	43-047-32066
NBU #163	NENW	14	10	21	U-465	FED.	43-047-32069
NBU #164	NWSE	3	10	22	U-01191-A	FED.	43-047-32055
NBU #165	NENW	3	10	22	U-01191	FED.	43-047-32057
NBU #166	SWSE	28	9	21	U-0576	FED.	43-047-32065
NBU #167	SESW	25	9	21	ST U-01194	STATE	43-047-32054
NBU #168	NWSW	12	10	20	U-4478	FED.	43-047-32117
NBU #169	SESW	12	10	20	U-4478	FED.	43-047-32118

13-Apr-92

NATURAL BUTTES

UINTAH COUNTY, UTAH

WELL #	LOCATION QUAD SEC TWP RGE	STATE OR BLM LEASE #	SURFACE	API NUMBER
NBU #170	NWNW 4 10 22	U-01191-A	FED.	43-047-32169
NBU #171	SENE 5 10 22	U-01191-A	FED.	43-047-32115
NBU #172	NENE 19 9 22	U-0284	UTE	43-047-32194
NBU #173	NWNE 33 9 22	U-01191-A	FED.	43-047-32116
NBU #174	NWNW 11 9 21	U-0141315	UTE	43-047-32193
NBU #175	NENW 28 9 21	U-0576	FED.	43-047-32143
NBU #176	SWNW 28 9 21	U-0576	FED.	43-047-32144
NBU #177	NESE 29 9 21	U-0581	FED.	43-047-32112
NBU #178	NWNE 30 9 21	U-0581	FED.	43-047-32121
NBU #179	SWSW 10 10 21	U-01416-A	FED.	43-047-32145
NBU #180	SWSE 10 10 22	U-025187	FED.	43-047-32113
NBU #181	SESW 9 9 21	U-0576	UTE	43-047-32161
NBU #182	SENW 11 9 21	U-0141315	UTE	43-047-32162
NBU #183 ✓	SWNW 27 9 21	ST U-01194-A	STATE	43-047-32122
NBU #184	SESW 30 9 22	U-463	FED.	43-047-32170
NBU #185	SWNE 3 10 22	U-01191-A	FED.	43-047-32171
NBU #186	SENE 30 9 22	U-463	FED.	43-047-
NBU #187	SESW 34 9 22	U-0149077	FED.	43-047-
NBU #188	SWSW 10 10 22	U-01196-C	FED.	43-047-
NBU #189	SESW 23 9 21	U-0149075	UTE	43-047-
NBU #190 ✓	NWNE 26 9 21	ST U-01194	STATE	43-047-
CIGE 110-7-9-21	SWSE 7 9 21	U-0575-B	UTE	43-047-31959
CIGE 111-13-9-21	SESW 13 9 21	U-01193	UTE	43-047-31954
CIGE 112-19-9-21	SESE 19 9 21	U-0581	UTE	43-047-31945
CIGE 113-21-9-21	SWNE 21 9 21	U-0576	UTE	43-047-31944
CIGE 114-34-9-21 ✓	NESE 34 9 21	ST U-01194-A	STATE	43-047-31915
CIGE 115-35-9-21 ✓	NWNE 35 9 21	ST ML-22582	STATE	43-047-31918
CIGE 116-29-9-22 ✓	NWSW 29 9 22	ST ML-22935	STATE	43-047-31919
CIGE 117-34-9-22	SWNW 34 9 22	U-0149077	FED.	43-047-31928
CIGE 118-35-9-22	NESE 35 9 22	U-010954A	FED.	43-047-32025
CIGE 119-15-10-21	NENE 15 10 21	U-01416-A	FED.	43-047-31927
CIGE 120-15-9-20	SENE 15 9 20	U-0144868	UTE	43-047-32032
CIGE 121-15-9-20	NWNE 15 9 20	U-0144868	UTE	43-047-32031
CIGE 122-7-9-21	NENE 7 9 21	U-0149767	UTE	43-047-32098
CIGE 123-7-9-21	SWNE 7 9 21	U-0575-B	UTE	43-047-32047
CIGE 124-9-9-21	NWSE 9 9 21	U-01188	UTE	43-047-32045
CIGE 125-13-9-21	NWNW 13 9 21	U-01193	UTE	43-047-32084
CIGE 126-13-9-21	NWSW 13 9 21	U-01193	UTE	43-047-32087
CIGE 127-16-9-21	NESW 16 9 21	ST ML-3141	UTE	43-047-32036
CIGE 128-18-9-21	NENE 18 9 21	U-0575	UTE	43-047-32046
CIGE 129-18-9-21	NENW 18 9 21	U-0581	UTE	43-047-32043
CIGE 130-19-9-21	NENE 19 9 21	U-0581	UTE	43-047-32030
CIGE 131-19-9-21	SWNE 19 9 21	U-0581	UTE	43-047-32029
CIGE 132-20-9-21	NWSW 20 9 21	U-0575	UTE	43-047-32028
CIGE 133-35-9-21 ✓	SWSE 35 9 21	ST ML-22582	STATE	43-047-31978
CIGE 134-1-10-20	SWSW 1 10 20	U-02270-A	FED.	43-047-31989
CIGE 135-3-10-21	SWSW 3 10 21	U-0149078	FED.	43-047-32001
CIGE 136-4-10-21 ✓	SWNE 4 10 21	ST ML-22940	STATE	43-047-31979
CIGE 137-6-10-21	SENE 6 10 21	U-01791	FED.	43-047-31988
CIGE 138A-6-10-21	SENW 6 10 21	U-01791	FED.	43-047-31987
CIGE 139-10-10-21	SWNE 10 10 21	U-0149079	FED.	43-047-31986
CIGE 140-16-10-21 ✓	NENE 16 10 21	ST ML-10755	STATE	43-047-31977
CIGE 141-7-10-22 ✓	NWNE 7 10 22	ST ML-23609	STATE	43-047-31970
CIGE 142-25-9-21 ✓	SENE 25 9 21	ST U-01189	STATE	43-047-31994
CIGE 143-34-9-21 ✓	SWNE 34 9 21	ST U-01194-A	STATE	43-047-31995
CIGE 144-2-10-22 ✓	SWNE 2 10 22	ST ML-22651	STATE	43-047-32022
CIGE 145-29-9-22 ✓	SENW 29 9 22	ST ML-22935	STATE	43-047-31993
CIGE 146-16-10-21 ✓	NWNE 16 10 21	ST ML-10755	STATE	43-047-32021
CIGE 147-36-9-22 ✓	SESW 36 9 22	ST ML-22650	STATE	43-047-32020
CIGE 148-31-9-22 ✓	NWNE 31 9 22	ST ML-22935-A	STATE	43-047-32024
CIGE 149-8-10-21	NWNE 8 10 21	U-01791	FED.	43-047-32056
CIGE 150-9-10-21	SWNE 9 10 21	U-01416	FED.	43-047-32058
CIGE 151-10-10-21	SWSE 10 10 21	U-0149079	FED.	43-047-32059
CIGE 152-33-9-22	SESW 33 9 22	U-01191-A	FED.	43-047-32068
CIGE 153-35-9-22	SESW 35 9 22	U-010954-A	FED.	43-047-32067
CIGE 154-13-10-20	NWNW 13 10 20	U-4485	STATE	43-047-32119
CIGE 155-9-9-21	SENE 9 9 21	U-01188-B	UTE	43-047-32157

13-Apr-92

NATURAL BUTTES

UINTAH COUNTY, UTAH

WELL #	LOCATION			STATE OR BLM		SURFACE	API NUMBER
	QUAD	SEC	TWP	RGE	LEASE #		
CIGE 156-16-9-21	NESE	16	9	21	ST ML-3282	UTE	43-047-32195
CIGE 157-16-9-21	SWNW	16	9	21	U-38409	UTE	43-047-32160
CIGE 158-21-9-21	NESE	21	9	21	U-0576	UTE	43-047-32158
CIGE 159-6-10-21	NWNE	6	10	21	U-01791	FED.	43-047-32120
CIGE 160-14-10-21	SWSE	14	10	21	U-01393-C	FED.	43-047-32124
CIGE 161-2-10-22	SESE	2	10	22	ST ML-22651	STATE	43-047-32168
CIGE 162-36-9-22	SESE	36	9	22	ST ML-22650	STATE	43-047-32164
CIGE 163-15-9-21	SENE	15	9	21	U-01193	UTE	43-047-32192
CIGE 164-34-9-22	NWNE	34	9	22	U-0149077	FED.	43-047-32141
CIGE 165-1-10-20	SWNW	1	10	20	U-02270-A	FED.	43-047-32114
CIGE 166-3-10-21	NENW	3	10	21	U-0149078	FED.	43-047-32172
CIGE 167-7-10-21	NENE	7	10	21	U-01791	FED.	43-047-32142
CIGE 168-16-10-21	NWSE	16	10	21	ST ML-10755	STATE	43-047-32123
CIGE 169-2-10-21	SENE	2	10	21	ST ML-22652	STATE	43-047-

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

6. Lease Designation and Serial Number  
ML-22649

7. Indian Allottee or Tribe Name  
N/A

8. Unit or Communitization Agreement  
Natural Buttes Unit

9. Well Name and Number  
NBU #161

10. API Well Number  
43-047-32023

11. Field and Pool, or Wildcat  
Natural Buttes

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. Type of Well  
 Oil Well  
 Gas Well  
 Other (specify)

2. Name of Operator  
Coastal Oil & Gas Corporation

3. Address of Operator  
P.O. Box 749 Denver, CO 80201-0749

4. Telephone Number  
(303) 573-4476

5. Location of Well  
 Footage : 580' FSL and 759' FEL  
 QG. Sec. T. R. M. : SE/SE Section 32, T9S, R22E  
 County : Uintah  
 State : UTAH

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

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

Abandonment  
 Casing Repair  
 Change of Plans  
 Conversion to Injection  
 Fracture Treat  
 Multiple Completion  
 Other

New Construction  
 Pull or Alter Casing  
 Recompletion  
 Shoot or Acidize  
 Vent or Flare  
 Water Shut-Off

Approximate Date Work Will Start \_\_\_\_\_

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

Abandonment  
 Casing Repair  
 Change of Plans  
 Conversion to Injection  
 Fracture Treat  
 Other Report of Operations

New Construction  
 Pull or Alter Casing  
 Shoot or Acidize  
 Vent or Flare  
 Water Shut-Off

Date of Work Completion 5/7/92

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.  
 \* Must be accompanied by a cement verification report.

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

Please see the attached chronological report for the above-referenced well.

RECEIVED  
JUL 17 1992  
DIVISION OF  
OIL GAS & MINING

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

Name & Signature Eileen Danni Bey Title Regulatory Analyst Date 7/15/92

State Use Only Eileen Danni Bey

THE COASTAL CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

PAGE 2

NBU #161  
NATURAL BUTTES UNIT  
UINTAH COUNTY, UTAH  
WI: 100% COGC AFE: 13471  
TD: 6105' SD: 3/26/92  
CSG: 5-1/2" @ 6101'  
PERFS:  
CWC(M\$): 363.2

- 4/3/92 WOCU. Drop from report until further activity.  
TC: \$214,271
- 4/30/92 WO completion. HLS ran CBL-CCL-GR log from LTD @ 5987' to sfc w/1000  
psi on csg. Good bond to TOC @ 1600'.  
DC: \$3,720 TC: \$217,991
- 5/1/92 WO completion. MIRU Western Company. Cmt 8-5/8" x 5-1/2" csg  
annulus w/200 sx Class "G" + 2% CaCl<sub>2</sub> + .7% CF-2 + 3#/sk Hi-Seal 3 +  
¼#/sk Cello Seal and 55 sx Class "G" + 2% CaCl<sub>2</sub> + .7% CF-2. Max  
press 10 psi at end of job. Vac 10 min later.  
DC: \$7,250 TC: \$225,241
- 5/7/92 WO completion. MIRU Western Company. Re-cmtd 8-5/8" x 5-1/2" csg  
annulus w/47 sx Class "G" + 2% CaCl<sub>2</sub> + .7% CF-2 + 3#/sk Hi-Seal +  
¼#/sk Cello Seal. Max press at end of job 175 psi, press 15 min  
later. Drop from report until further activity.  
DC: \$2,570 TC: \$227,811

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED  
NOV 04 1992

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  OTHER

1b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR.  Other

2. NAME OF OPERATOR: Coastal Oil & Gas Corporation

5. LEASE DESIGNATION AND SERIAL NO. ML-22649

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

7. UNIT AGREEMENT NAME Natural Buttes Unit

8. FARM OR LEASE NAME NBU

9. WELL NO. 161

10. FIELD AND POOL OR WILDCAT Natural Buttes

11. SEC. T. R. M. OR BLOCK AND SURVEY OR AREA Section 32, T9S-R22E

3. ADDRESS OF OPERATOR: P. O. Box 749 Denver, CO 80201-0749

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface: 580' FSL & 759' FEL (SE/SE)

At top prod. interval reported below: Same as above.

At total depth: Same as above.

14. API NO. 43-047-32023

DATE ISSUED 5/6/91

12. COUNTY Uintah County

13. STATE Utah

15. DATE SPUNDED 3/11/92

16. DATE T.D. REACHED 3/31/92

17. DATE COMPL. (Ready to prod.) 9/22/92 (Plug & Abd.)

18. ELEVATIONS (DF. SER. AT. CR. ETC.) 5083' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH. MD & TVD 6105'

21. PLUG BACK T.D. MD & TVD 6040'

22. IF MULTIPLE COMPL. HOW MANY

23. INTERVALS DRILLED BY ROTARY TOOLS SFC-TD CABLE TOOLS

24. PRODUCING INTERVAL(S). OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) 5216'-5873' (Wasatch)

25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN DLL-GR-CDL; CNL-GR-CAL; CBL-CCL-GR 4-11-92

27. WAS WELL CORED YES  NO  (Submit analysis)

DRILL STEM TEST YES  NO  (See previous sides)

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	250'	12-1/4"	150 sx Premium Plus "AG"	None
5-1/2"	17#	6101'	7-7/8"	1055 sx Hi-Fill & 50/50 Pbz	None
			8-5/8" x 5-1/2"	annulus 255 sx "G" cmt	(Bullhead Squeeze)
			8-5/8" x 5-1/2"	annulus 47 sx (Re-cement)	

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"		

31. PERFORATION RECORD (Indicate, size and number)

Perf'd w/4" csg gun, 1 JSPF @ following depths:

5216'	5587'	5604'
5225'	5590'	5608'
5231'	5596'	5873'

32. ACID. SHOT. FRACTURE CEMENT SQUEEZE ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5216'-5873'	2000 gals 15% HCl + BS's
5216'-5873'	204,204# sand, 2035 bbls gel & 30% CO <sub>2</sub> assist.

33. PRODUCTION

DATE FIRST PRODUCTION 9/12/92

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing

WELL STATUS (Producing or shut-in) SI

DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO
9/22/92	24	18/64"		0	1200	0	N/A

FLOW. TUBING PRBM.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)
550	650		0	1200	0	N/A

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

TEST WITNESSED BY G. Hatfield

35. LIST OF ATTACHMENTS Chronological History

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

SIGNED Eileen Danni Dey Regulatory Analyst DATE 11/3/92

See Spaces for Additional Data on Reverse Side

## INSTRUCTIONS

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

ITEM 18: Indicate which elevation is used as reference for depth measurements given in other spaces on this form and on any attachments.

ITEMS 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

ITEM 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

ITEM 33: Submit a separate completion report on this form for each interval to be separately produced (see instruction for items 22 and 24 above).

37. SUMMARY OF POROUS ZONES: 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.		38. GEOLOGIC MARKERS	
Formation	Top	Bottom	Description, contents, etc.
			Name
			Meas. Depth
			True Vert. Depth
			Wasatch
			4485'
			4485'

THE COASTAL CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

NBU #161  
SE/SE SECTION 32, T9S-R22E  
NATURAL BUTTES UNIT  
UINTAH COUNTY, UTAH  
WI: 100% COGC AFE: 13471

PAGE 3

9/21/92 Flwg 1.1 MMCFD CO<sub>2</sub>, FTP 600 psi, CP 700 psi, 18/64" chk, 5-10 BWPD.  
9/22/92 SI, WOPLC. Flwg 1.2 MMCFD dry gas, FTP 550 psi, CP 650 psi, 18/64"  
chk. SI @ 12:30 p.m., 9/21/92. Drop from report.

THE COASTAL CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

NBU #161  
SE/SE SECTION 32, T9S-R22E  
NATURAL BUTTES UNIT  
UINTAH COUNTY, UTAH  
WI: 100% COGC AFE: 13471  
TD: 6105' SD: 3/26/92  
CSG: 5-1/2" @ 6101'  
PERFS: 5216'-5873'  
CWC(M\$): 363.2

PAGE 2

- 4/3/92 WOCU. Drop from report until further activity.  
TC: \$214,271
- 4/30/92 WO completion. HLS ran CBL-CCL-GR log from LTD @ 5987' to sfc w/1000 psi on csg. Good bond to TOC @ 1600'.  
DC: \$3,720 TC: \$217,991
- 5/1/92 WO completion. MIRU Western Company. Cmt 8-5/8" x 5-1/2" csg annulus w/200 sx Class "G" + 2% CaCl<sub>2</sub> + .7% CF-2 + 3#/sk Hi-Seal 3 + 1/4#/sk Cello Seal and 55 sx Class "G" + 2% CaCl<sub>2</sub> + .7% CF-2. Max press 10 psi at end of job. Vac 10 min later.  
DC: \$7,250 TC: \$225,241
- 5/7/92 WO completion. MIRU Western Company. Re-cmtd 8-5/8" x 5-1/2" csg annulus w/47 sx Class "G" + 2% CaCl<sub>2</sub> + .7% CF-2 + 3#/sk Hi-Seal + 1/4#/sk Cello Seal. Max press at end of job 175 psi, press 15 min later. Drop from report until further activity.  
DC: \$2,570 TC: \$227,811
- 9/11/92 Prep to perf. MIRU Well Tech rig #565. NU BOP, PU & RIH w/4-3/4" mill & 2-3/8" tbg. Tag PBDT @ 6040'. Circ hole w/150 bbls 3% KCl wtr. POH w/tbg & mill. PT csg to 5000 psi, OK.  
DC: \$21,220 TC: \$249,031
- 9/12/92 Flow to pit after acid job. RU Cutters Wireline. Perf 9 holes: 5873', 5608', 5604', 5596', 5590', 5587', 5231', 5225', 5216'. RIH to 5865'. Spot 15 bbls acid, POOH to 5169.42'. ND BOP, NU tree. Acidize perms w/2000 gal 15% HCl, 8.5 BPM @ 4630 psi. Balled off good. ISIP 1000 psi, 5 min 750 psi, 10 min 730 psi, 15 min 690 psi. Flow & swab to pit, recover 90 bbls. Left open to pit on 20/64" chk, 216 BLTBR.  
DC: \$24,335 TC: \$372,366
- 9/12/92 Flwg 500 MCFD gas, FTP 225 psi, CP 400 psi, 20/64" chk, 15 BWPD.
- 9/13/92 SI, WO frac. Flwg 500 MCFD dry gas, FTP 200 psi, CP 250 psi, 20/64" chk. SI @ 2:00 p.m., 9/12/92. RDMO Well Tech rig #565. Drop from report.  
DC: \$200 TC: \$372,566
- 9/18/92 Flow back after frac. RU Western. Tested lines 6500#, WHP 1750#. Start 2:30 p.m., 21 BPM, 257 bbls pad. Start 1# sand 665 bbls, 2# sand 1002 bbls, 3# sand 1569 bbls, 4# sand 1568 bbls, 6# sand 1817 bbls. Flush 1930 bbls. Treating press 2300#, max 3000#, avg 2500#. Rate 30 BPM. ISIP 1530#, 5 min SIP 1490#, 10 min 1480#, 15 min 1460#. Final SIP 1460#. Open well to pit @ 6:00 p.m.  
DC: \$48,287 TC: \$420,853
- 9/18/92 Flwg 1.0 MMCFD CO<sub>2</sub>, FTP 750 psi, CP 350 psi, 18/64" chk, 8 BWPH.
- 9/19/92 Flwg 1.3 MMCFD CO<sub>2</sub>, FTP 900 psi, CP 1075 psi, 18/64" chk, 10 BWPD.
- 9/20/92 Flwg 1.0 MMCFD CO<sub>2</sub>, FTP 675 psi, CP 775 psi, 18/64" chk, 5-10 BWPD.

COASTAL OIL & GAS CORPORATION  
CHRONOLOGICAL HISTORY

NBU #161  
NATURAL BUTTES UNIT  
UINTAH COUNTY, UTAH  
COASTALDRIL #1  
WI: 100% COGC AFE: 13471  
ATD: 6150' (WASATCH) SD: 3/26/92  
CSG: 8-5/8" @ 255'; 5 1/2" @ 6101'  
DHC(M\$): 164.2

- 3/20/92 250' WORT Spud well at 11:00 a.m., 3/11/92 w/Leon Ross Drlg Co. Drill 12-1/4" hole to 240' GL. Ran 6 jts 8-5/8", 24#, K-55, ST&C, ttl length 238.66'. Cmt w/Howco: 150 sx Prem Plus AG, 2% CaCl<sub>2</sub>, 1/4#/sx Flocele. Displ w/14.3 BW. Circ 8 bbls cmt to pit. Set at 250' KB. CC: \$31,418.
- 3/26/92 630' Drlg 375'/5.5 hrs. Spudded well at 12:00 a.m., 3/26/92. MI RURT. Test BOPE, U&L kelly cock, choke manifold and pipe rams to 2000 psi/OK. Test hydril, blind rams and csg to 1500 psi/OK. PU DC. Drill cmt (tag cmt at 225'). Drlg w/AM. Svy: 1 deg @ 510'. Air mist, 1200 SCFM. CC: \$59,692.
- 3/27/92 2140' Drlg 1510'/22.5 hrs. Drlg w/air mist. RS. Drlg, svys: 3/4 deg @ 1090'; 1 deg @ 1595'. Drlg w/aerated wtr. Hit wtr at 910'. MW 8.4, VIS 27, 650 CFM. CC: \$77,453.
- 3/28/92 3320' Drlg 1180'/22.5 hrs. Svys: 1-3/4 deg @ 2100'; 2 deg @ 2539'; 1 deg @ 3044'. Drlg w/aerated wtr. MW 8.4, VIS 27, AIR 550 CFM. CC: \$87,453.
- 3/29/92 4330' Drlg 1010'/23 hrs. Drlg, svys: 1-1/4 deg @ 3551'; 1-1/2 deg @ 4089'. Drlg w/aerated wtr. MW 8.4, VIS 27, 500 CFM. CC: \$94,592.
- 3/30/92 5120' Drlg 790'/23.5 hrs. Drlg, svy: 2 deg @ 4500'. RS. Drlg w/aerated wtr. MW 8.4, VIS 27, 500 CFM. CC: \$108,115.
- 3/31/92 5750' Drlg 630'/23.5 hrs. Drlg, svy: 1-3/4 deg @ 5415'. RS, chk BOPE. Drlg brk from 5582-5608', slight show of gas. Aerated DAP wtr, MW 8.4, VIS 27, AIR 500 CFM. CC: \$124,086.
- 4/1/92 6105' TOH w/BHA to run open hole logs. 355'/12 hrs. Drlg, circ. TFNB. W&R 28' to btm, no fill. Drlg, RS and check BOPE. Drlg, circ, short trip 17 stds. Displace hole w/400 bbls 10 ppg brine wtr. TOH w/BHA. Aerated DAP wtr, MW 8.4, VIS 27, AIR 500 CFM. CC: \$135,163.
- 4/2/92 6105' RDRT & prep to move. POH w/BHA. SLM, no corr. MIRU Atlas Wireline. Ran DLL-GR-CDL from 6105'-4100'. Had tool failure at 4100'. RD Atlas. Logger's TD 6110'. TIH w/BHA. RU LD machine and LD DP and DC. RU and run 142 jts, 5-1/2" 17# J-55 LT&C csg to 6101'. FC at 6057', tally run 6102.69'. Circ & wash 5' to btm. RU Halliburton and pump 30 BSF w/20 BFW and 425 sx Hifill cmt w/1#/sx Capseal, 0.3% HR-7 followed by 630 sx 50-50 Poz cmt w/2% gel, 10% salt, 0.6% Halad 24, 0.2% CFR-3 and 1#/sx Capseal. Displace w/141 BFW. Pump plug w/2000 psi (500 psi over). Floats held. Good circ throughout job w/no returns to surf. Set slips w/100,000#. ND BOP and cut off csg. Release rig at 6:00 a.m., 4/2/92. CC: \$214,271. FINAL DRILLING REPORT.

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

6. Lease Designation and Serial Number	ML-22649
7. Indian Allottee or Tribe Name	N/A
8. Unit or Communitization Agreement	Natural Buttes Unit
9. Well Name and Number	NBU 161
10. API Well Number	43-047-32023
11. Field and Pool, or Wildcat	Natural Buttes

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells; deepen existing wells; or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT for such proposals.

1. Type of Well  
 Oil Well     Gas Well     Other (specify) \_\_\_\_\_

2. Name of Operator  
 Coastal Oil & Gas Corporation

3. Address of Operator  
 P.O. Box 749 Denver, CO 80201-0749

4. Telephone Number  
 (303) 573-4476

5. Location of Well  
 Footage 580' FSL & 759' FEL  
 Q.G. Sec. T. R. M. : SE/SE Section 32, T9S-R22E  
 County : Uintah  
 State : UTAH

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

NOTICE OF INTENT  
(Submit in Duplicate)

- Abandonment
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Multiple Completion
- Other \_\_\_\_\_
- New Construction
- Pull or Alter Casing
- Recompletion
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

Approximate Date Work Will Start \_\_\_\_\_

SUBSEQUENT REPORT  
(Submit Original Form Only)

- Abandonment
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Other Report of 1st Sales
- New Construction
- Pull or Alter Casing
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

Date of Work Completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.  
Must be accompanied by a cement verification report.

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

The above referenced well was connected to CIG's gas salesline and first sales occurred at 3:30 p.m., 11/3/92 with a rate of 1254 MCFPD, 0 BOPD, OBWPD, FTP 1556, SICP 1550 & 12/64" choke.

RECEIVED

JAN 11 1993

DIVISION OF  
OIL GAS & MINING

I hereby certify that the foregoing is true and correct.

Name & Signature: William D. ... Title: Regulatory Analyst Date: 1-7-93

5. Lease Designation and Serial Number:

ML-22649

6. If Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

Natural Buttes Unit

8. Well Name and Number:

NBU #161

9. API Well Number:

43-047-32023

10. Field and Pool, or Wildcat:

Natural Buttes

### SUNDRY NOTICES AND REPORTS ON WELLS

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

1. Type of Well:

OIL  GAS  OTHER:

2. Name of Operator:

Coastal Oil & Gas Corporation

3. Address and Telephone Number:

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

(303) 573-4476

4. Location of Well

Footages: 580' FSL & 759' FEL

County: Uintah

QQ. Sec., T., R., M.: SE/SE Section 32, T9S-R22E

State: Utah

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

#### NOTICE OF INTENT

(Submit in Duplicate)

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

Approximate date work will start \_\_\_\_\_ Upon approval \_\_\_\_\_

#### SUBSEQUENT REPORT

(Submit Original Form Only)

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

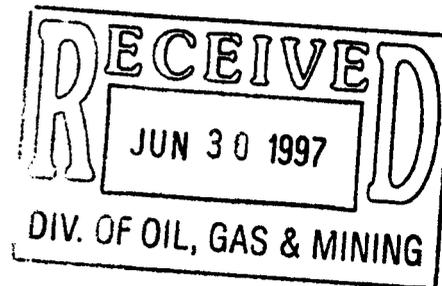
Date of work completion \_\_\_\_\_

Report results of bMultiple CompletionsC and bRecompletionsC to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* Must be accompanied by a cement verification report.

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

Please see the attached procedure for operations to be performed on the subject well.



13.

Name & Signature:

*Bonnie Carson*

Bonnie Carson

Title: Senior Environmental Analyst

Date: 06/26/97

(This space for State use only)

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

DATE: 7/3/97  
BY: *J.R. By*

NBU #161-32-9-22  
NATURAL BUTTES FIELD  
SECTION 32 T9S R22E  
WORKOVER PROCEDURE #WJM

WELL DATA

LOCATION: 580' FSL 759' FEL SEC. 32 T9S R22E  
ELEVATION: 5083' GR., 5095' KB.  
TD: 6105', PBD 6040' (1992); WLS 5863' (11/96)  
CSG: 8-5/8", 24.0#, K-55 @ 250' w/ 150 SX.  
5-1/2", 17.0#, J-55 @ 6101' w/ 1055 SX.  
CMT ANNULUS w/ 302 SX.  
TBG: 2-3/8", 4.7#, J-55 @ 5169'  
FORMATION(S): WASATCH 5216' - 5873', 9 HOLES (1992)

PROCEDURE

1. MI & RU pulling unit. Blow down & kill well w/ minimum amount of 2% KCL water. ND WH. NU BOP. Record BLTR.
2. RIH w/ Broach to check 2-3/8" tbg for scale.
3. RU service company. Spot 630 gal. 15% HCL acid w/ additives across perf's 5216' - 5873' to clean up possible scale. RD service company. RIH & land 2-3/8" tbg @ 5380' (new EOT).
4. ND BOP. NU WH. RD & MO pulling unit. RU swab unit. Swab/flow back to clean up.
5. Complete installation of plunger lift equipment. Return the well to sales.



**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial Number:  
ML-22649

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

7. Unit Agreement Name:  
Natural Buttes Unit

8. Well Name and Number:  
NBU #161

9. API Well Number:  
43-047-32023

10. Field and Pool, or Wildcat:  
Natural Buttes

1. Type of Well:  
OIL  GAS  OTHER:

2. Name of Operator:  
Coastal Oil & Gas Corporation

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

4. Location of Well  
Footages: 580' FSL & 759' FEL County: Uintah  
QQ, Sec., T., R., M.: SE/SE Section 32, T9S-R22E State: Utah

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

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

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

Approximate date work will start \_\_\_\_\_

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

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon *                                     | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing                                 | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans                               | <input type="checkbox"/> Perforate            |
| <input type="checkbox"/> Convert to Injection                          | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat or Acidize                     | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other CO, lwr. tbg and install PLE |   |

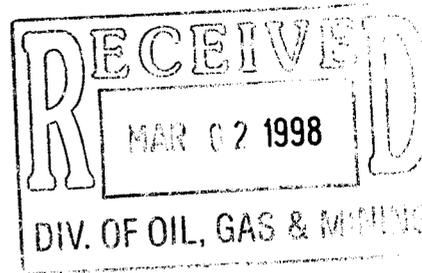
Date of work completion 09/25/97

Report results of bMultiple Completions and bRecompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* Must be accompanied by a cement verification report.

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

Please see the attached chronological well history for work performed on the subject well.



13. Name & Signature: Bonnie Carson Title: Senior Environmental Analyst Date: 02/25/98

(This space for State use only) WO tax credit 8/98

THE COASTAL CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

Page 1

NBU #161  
SE/SE SECTION 32, T9S-R22E  
NATURAL BUTTES UNIT  
UINTAH COUNTY, UTAH  
WI: 100% COGC AFE: 13471  
TD: 6105' SD: 3/26/92  
CSG: 5-1/2" @ 6101'  
PERFS: 5216'-5873'  
CWC(M\$): 363.2

4/3/92 WOCU. Drop from report until further activity.  
TC: \$214,271

4/30/92 WO completion. HLS ran CBL-CCL-GR log from LTD @ 5987' to sfc w/1000 psi on csg.  
Good bond to TOC @ 1600'.  
DC: \$3,720 TC: \$217,991

5/1/92 WO completion. MIRU Western Company. Cmt 8-5/8" x 5-1/2" csg annulus w/200 sx Class  
"G" + 2% CaCl<sub>2</sub> + .7% CF-2 + 3#/sk Hi-Seal 3 + 1/4#/sk Cello Seal and 55 sx Class "G" + 2%  
CaCl<sub>2</sub> + .7% CF-2. Max press 10 psi at end of job. Vac 10 min later.  
DC: \$7,250 TC: \$225,241

5/7/92 WO completion. MIRU Western Company. Re-cmtd 8-5/8" x 5-1/2" csg annulus w/47 sx  
Class "G" + 2% CaCl<sub>2</sub> + .7% CF-2 + 3#/sk Hi-Seal + 1/4#/sk Cello Seal. Max press at end of  
job 175 psi, press 15 min later. Drop from report until further activity.  
DC: \$2,570 TC: \$227,811

9/11/92 Prep to perf. MIRU Well Tech rig #565. NU BOP, PU & RIH w/4-3/4" mill & 2-3/8" tbg.  
Tag PBTB @ 6040'. Circ hole w/150 bbls 3% KCl wtr. POH w/tbg & mill. PT csg to 5000  
psi, OK.  
DC: \$21,220 TC: \$249,031

9/12/92 Flow to pit after acid job. RU Cutters Wireline. Perf 9 holes: 5873', 5608', 5604', 5596',  
5590', 5587', 5231', 5225', 5216'. RIH to 5865'. Spot 15 bbls acid, POOH to 5169.42'. ND  
BOP, NU tree. Acidize perfs w/2000 gal 15% HCl, 8.5 BPM @ 4630 psi. Balled off good.  
ISIP 1000 psi, 5 min 750 psi, 10 min 730 psi, 15 min 690 psi. Flow & swab to pit, recover  
90 bbls. Left open to pit on 20/64" chk, 216 BLTBR.  
DC: \$24,335 TC: \$372,366

9/12/92 Flwg 500 MCFD gas, FTP 225 psi, CP 400 psi, 20/64" chk, 15 BWPD.

9/13/92 SI, WO frac. Flwg 500 MCFD dry gas, FTP 200 psi, CP 250 psi, 20/64" chk. SI @ 2:00  
p.m., 9/12/92. RDMO Well Tech rig #565. Drop from report.  
DC: \$200 TC: \$372,566

9/18/92 Flow back after frac. RU Western. Tested lines 6500#, WHP 1750#. Start 2:30 p.m., 21  
BPM, 257 bbls pad. Start 1# sand 665 bbls, 2# sand 1002 bbls, 3# sand 1569 bbls, 4# sand  
1568 bbls, 6# sand 1817 bbls. Flush 1930 bbls. Treating press 2300#, max 3000#, avg  
2500#. Rate 30 BPM. ISIP 1530#, 5 min SIP 1490#, 10 min 1480#, 15 min 1460#. Final  
SIP 1460#. Open well to pit @ 6:00 p.m.  
DC: \$48,287 TC: \$420,853

9/18/92 Flwg 1.0 MMCFD CO<sub>2</sub>, FTP 750 psi, CP 350 psi, 18/64" chk, 8 BWPH.

9/19/92 Flwg 1.3 MMCFD CO<sub>2</sub>, FTP 900 psi, CP 1075 psi, 18/64" chk, 10 BWPD.

9/20/92 Flwg 1.0 MMCFD CO<sub>2</sub>, FTP 675 psi, CP 775 psi, 18/64" chk, 5-10 BWPD.

9/21/92 Flwg 1.1 MMCFD CO<sub>2</sub>, FTP 600 psi, CP 700 psi, 18/64" chk, 5-10 BWPD.

9/22/92 SI, WOPLC. Flwg 1.2 MMCFD dry gas, FTP 550 psi, CP 650 psi, 18/64" chk. SI @ 12:30  
p.m., 9/21/92. Drop from report.

---

06/15/97 Lightning struck condensate tank, did not burn. Tank is swelled, but is still usable.

**LOWER TBG, ACDZ**

08/08/97 MIRU. Well on prod.

CWC: \$ 2,357

08/09/97 **RIH, spot acid.**  
SITP 95#, SICP 380#. Blew dwn well. Pmp 10 BBLS 2% KCl dwn tbg. ND tree, NU BOP. PU 25 jts 2 3/4" tbg. Tag fill @ 5890'. Std back 22 jts. Broach tbg left in hole. Hook back side to flw line. Put on prod. CWC: \$ 3,936

8/10/97 **Prep to swb.**  
SITP 100#, SICP 200#. Blow dwn tbg & csg. RU BJ. PT lines to 1000 psi. Pmp 20 BBLS 2% KCL, 700 gals HCl w/additives. Displ w/23 BBLS 2% KCl wtr. RD BJ. ND BOP's, NU tree. RDMO. Let acid soak/3 hrs. RU. Install PLE. Swb 63 BLF/13 runs. IFL 3800'. FFL 4300'. No gas after last swb. SDFN. CWC: \$13,648

08/11/97 **Swbg.**  
SITP 100 psi, SICP 390 psi. Blw well dwn. IFL 4600'. Swb 30 BF/9 runs, plunger follows swb run, but would not come up on its own. FFL 4500'. SDFN. CWC: \$15,016

08/12/97 **On sales line.**  
SITP 480#, SICP 460#. Plunger trip 4X. Put well on sales line. Flwd 20 MCFD & 12 BWP, FTP 240#, FCP 350# on a 30/64" chk.

08/13/97 Flwd 57 MCFD & 10 BWP, FTP 120#, FCP 350# on a 30/64" chk.

08/14/97 Flwd 54 MCFD & 5 BWP, 30/64" chk, FTP 120#, FCP 350#, LP 107#.

08/15/97 Flwg 54 MCFD & 5 BWP, 30/64" chk, FTP 120#, FTP 350#, LP 107#.

08/16/97 Flwg 13 MCFD & 0 BWP, 30/64" chk, FTP 410#, FCP 420#, LP 110#.

08/17/97 Flwg 46 MCFD & 2 BWP, 30/64" chk, FTP 250#, FCP 300#, LP 107#.

08/18/97 Flwg 46 MCFD & 1 BWP, 30/64" chk, FTP 200#, FCP 310#, LP 107#.

08/19/97 Flwg 82 MCFD & 1 BWP, 30/64" chk, FTP 135#, FCP 300#, LP 107#.

08/20/97 Flwg 47 MCF, 0 BW, on a 30/64" chk, FTP 130#, FCP 275#, 24 hrs.

08/21/97 Flwg 67 MCF, 1 BW, on a 30/64" chk, FTP 130#, FCP 275#, 24 hrs.

08/22/97 Flwg 65 MCF, 1 BW, on a 30/64" chk, FTP 130#, FCP 275#, 24 hrs.

08/23/97 Flwg 64 MCF, 1 BW, on a 30/64" chk, FTP 130#, FCP 225#, 24 hrs.

08/24/97 Flwg 65 MCF, 1 BW, on a 30/64" chk, FTP 120#, FCP 225#, 24 hrs.

08/25/97 Flwg 91 MCF, 1 BW, on a 30/64" chk, FTP 110#, FCP 225#, 24 hrs.

08/26/97 Flwg 60 MCF, 1 BW, on a 30/64" chk, FTP 130#, FCP 225#, 24 hrs.

08/27/97 Flwg 62 MCF, 0 BW, on a 30/64" chk, FTP 140#, FCP 250#, 24 hrs.

08/28/97 Flwg 91 MCF, 1 BW, on a 30/64" chk, FTP 120#, FCP 250#, 24 hrs.

08/29/97 Flwg 60 MCF, 0 BW, on a 30/64" chk, FTP 120#, FCP 250#, 24 hrs.

08/30/97 Flwg 72 MCF, 1 BW, on a 30/64" chk, FTP 120#, FCP 250#, 24 hrs.

08/31/97 Flwg 136 MCF, 1 BW, on a 30/64" chk, FTP 120#, FCP 250#, 24 hrs.

09/01/97 Flwg 146 MCF, 1 BW, on a 30/64" chk, FTP 130#, FCP 250#, 24 hrs.

09/02/97 Flwg 115 MCF, 1 BW, on 30/64" chk, FTP 130#, FCP 250#, 24 hrs.

09/03/97 Flwg 110 MCF, 1 BW, on a 30/64" chk, FTP 140#, FCP 250#, 24 hrs.

09/04/97 Flwg 99 MCF, 0 BW, on a 30/64" chk, FTP 110#, FCP 250#, 24 hrs.

09/05/97 Flwg 117 MCF, 1 BW, on a 30/64" chk, FTP 150#, FCP 250#, 22 hrs.

09/06/97 Flwg 79 MCF, 1 BW, on a 30/64" chk, FTP 120#, FCP 250#, 24 hrs.

09/07/97 Flwg 91 MCF, 1 BW, on a 30/64" chk, FTP 117#, FCP 240#, 24 hrs.

09/08/97 Flwg 62 MCF, 1 BW, on a 30/64" chk, FTP 210#, FCP 245#, 24 hrs.

09/09/97 Flwg 75 MCF, 1 BW, on a 30/64" chk, FTP 110#, FCP 250#, 24 hrs.

09/10/97 Flwg 78 MCF, 1 BW, on a 30/64" chk, FTP 100#, FCP 220#, 24 hrs.

09/11/97 Flwg 56 MCF, 1 BW, on a 30/64" chk, FTP 100#, FCP 250#, 24 hrs.

09/12/97 Flwg 51 MCF, 1 BW, on a 30/64" chk, FTP 100#, FCP 260#, 24 hrs.

09/13/97 Flwg 58 MCF, 1 BW, on a 30/64" chk, FTP 110#, FCP 225#, 24 hrs.

09/14/97 Flwg 53 MCF, 1 BW, on a 30/64" chk, FTP 100#, FCP 275#, 24 hrs.

09/15/97 Flwg 66 MCF, 1 BW, on a 30/64" chk, FTP 100#, FCP 225#, 24 hrs.

09/16/97 Flwg 53 MCF, 1 BW, on a 30/64" chk, FTP 100#, FCP 225#, 24 hrs.

09/17/97 Flwg 36 MCF, 1 BW, on a 30/64" chk, FTP 100#, FCP 225#, 24 hrs.

09/18/97 Flwg 89 MCF, 1 BW, on a 30/64" chk, FTP 100#, FCP 225#, 24 hrs.

09/19/97 Flwg 89 MCF, 1 BW, on a 30/64" chk, FTP 120#, FCP 270#, 24 hrs.

09/20/97 Flwg 76 MCF, 1 BW, on a 30/64" chk, FTP 90#, FCP 220#, 24 hrs.

09/21/97 Flwg 84 MCF, 1 BW, on a 30/64" chk, FTP 90#, FCP 220#, 24 hrs.

09/22/97 Flwg 81 MCF, 1 BW, on a 30/64" chk, FTP 90#, FCP 220#, 24 hrs.

09/23/97 Flwg 220 MCF, 1 BW, on a 26/64" chk, FTP 130#, FCP 160#, 24 hrs.

09/24/97 Flwg 93 MCF, 1 BW, on a 30/64" chk, FTP 100#, FCP 150#, 24 hrs.

09/25/97 Flwg 90 MCF, 1 BW, on a 30/64" chk, FTP 100#, FCP 140#, 24 hrs. Prior production:  
Flwg 100 MCF, 0 BW, on a 30/64" chk. **Final Report.**

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. LEASE DESIGNATION AND SERIAL NUMBER: \_\_\_\_\_

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: \_\_\_\_\_

7. UNIT or CA AGREEMENT NAME: \_\_\_\_\_

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

8. WELL NAME and NUMBER: Exhibit "A"

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

9. API NUMBER: \_\_\_\_\_

3. ADDRESS OF OPERATOR: \_\_\_\_\_ PHONE NUMBER: \_\_\_\_\_

10. FIELD AND POOL, OR WILDCAT: \_\_\_\_\_

4. LOCATION OF WELL: 68 South 1200 East CITY Vernal STATE Utah ZIP 84078 435-789-4433

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"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Name Change</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

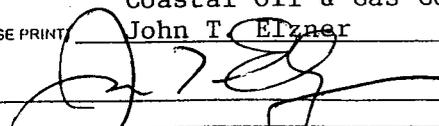
As a result of the merger between The Coastal Corporation and a wholly owned subsidiary of El Paso Energy Corporation, the name of Coastal Oil & Gas Corporation has been changed to El Paso Production Oil & Gas Company effective March 9, 2001.

See Exhibit "A"

Bond # 400JU0708

Coastal Oil & Gas Corporation

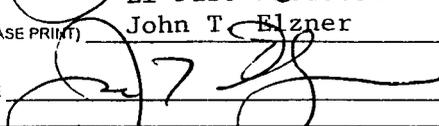
NAME (PLEASE PRINT) John T. Elzner TITLE Vice President

SIGNATURE  DATE 06-15-01

---

El Paso Production Oil & Gas Company

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

SIGNATURE  DATE 06-15-01

(This space for State use only)

**RECEIVED**  
JUN 19 2001

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 13 2001

DIVISION OF  
OIL, GAS AND MINING



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

0610204 8100

AUTHENTICATION: 1061007

010162788

DATE: 04-03-01

CERTIFICATE OF AMENDMENT

OF

CERTIFICATE OF INCORPORATION

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

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

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

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

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

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

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

COASTAL OIL & GAS CORPORATION

David L. Siddall
Vice President

Attest:

Margaret E. Roark
Margaret E. Roark, Assistant Secretary

RECEIVED

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

JUN 19 2001

DIVISION OF
OIL, GAS AND MINING



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

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

# RECEIVED

JUL 12 2001

DIVISION OF  
OIL, GAS AND MINING

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

JUL 10 2001

### NOTICE

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

#### Name Change Recognized

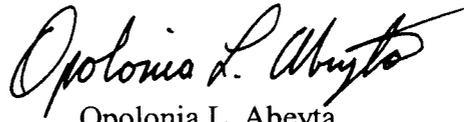
Acceptable evidence has been received in this office concerning the name change of Coastal Oil & Gas Corporation into El Paso Production Oil & Gas Company with El Paso Production Oil & Gas Company being the surviving entity.

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

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

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

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



Opolonia L. Abeyta  
Acting Chief, Branch of  
Minerals Adjudication

Enclosure

1. Exhibit of Leases (1 pp)

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

## Exhibit of Leases

UTUSL-065841A	UTU-47172	UTU-74415	UTU-53860
UTU-28652	UTU-50687	UTU-74416	UTU-66401
UTU-37943	UTU-52298	UTU-75091	UTU-67868
UTU-44089	UTU-0109054	UTU-75096	UTU-65389
UTU-44090A	UTU-0143511	UTU-75097	UTU-77084
UTU-61263	UTU-0143512	UTU-75673	UTU-61430
UTU-00343	UTU-38401	UTU-76259	UTU-72633
UTU-02651	UTU-38411	UTU-76260	UTU-72650
UTU-02651B	UTU-38418	UTU-76261	UTU-49692
UTU-0142175	UTU-38419	UTU-76493	UTU-57894
UTU-70235	UTU-38420	UTU-76495	UTU-76829
UTU-70406	UTU-38421	UTU-76503	UTU-76830
UTU-74954	UTU-38423	UTU-78228	UTU-76831
UTU-75132	UTU-38424	UTU-78714	
UTU-75699	UTU-38425	UTU-78727	
UTU-76242	UTU-38426	UTU-78734	
UTU-78032	UTU-38427	UTU-79012	
UTU-78377	UTU-38428	UTU-79011	
UTU-78378	UTU-53861	UTU-71694	
UTU-78386	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-84646	UTU-67178	UTU-8346	
UTU-85855	UTU-67549	UTU-8648	
UTU-85880	UTU-72028	UTU-28212	
UTU-88213	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	



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

---

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 07/19/2001
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 07/19/2001
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

---

**STATE BOND VERIFICATION:**

1. State well(s) covered by Bond No.: 400JU0705

---

**FEDERAL BOND VERIFICATION:**

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

---

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

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

---

**FILMING:**

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

---

**FILING:**

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

---

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

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JAN. 17. 2003 3:34PM

PORT

NO. 173 P. 2

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

410 Seventeenth Street #2300 Denver Colorado 80202-4436  
Telephone: 303 573 5404 Fax: 303 573 5409

**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 **RECEIVED**

BUREAU OF LAND MANAGEMENT

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

FEB 22 2002

DIVISION OF  
OIL, GAS AND MINING

In Reply Refer To:

3106

UTU-25566 et al

(UT-924)

FEB 21 2002

NOTICE

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

Name Change Recognized

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

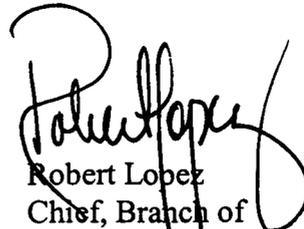
For our purposes, the name change is recognized effective December 31, 2001.

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

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

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Westport Oil and Gas Company, Inc. to Westport Oil and Gas Company, L.P.. You may accomplish this either by consent of surety rider on the original bond or a rider to the original bond. The bonds are held in Colorado.

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



Robert Lopez  
Chief, Branch of  
Minerals Adjudication

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

# memorandum

Branch of Real Estate Services  
Uintah & Ouray Agency

Date: 5 December, 2002

Reply to  
Attn of: Supervisory Petroleum Engineer

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

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

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

We have no objection.

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

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

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



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



# 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

5. LEASE DESIGNATION AND SERIAL NUMBER:

**SUNDRY NOTICES AND REPORTS ON WELLS**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

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.

8. WELL NAME and NUMBER:

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: 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"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

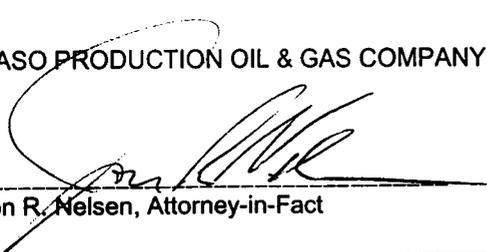
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

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

BOND # \_\_\_\_\_

State Surety Bond No. RLB0005236  
Fee Bond No. RLB0005238

EL PASO PRODUCTION OIL & GAS COMPANY

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

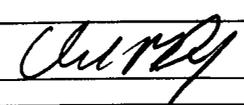
RECEIVED

FEB 28 2003

DIV. OF OIL, GAS & MINING

WESTPORT OIL AND GAS COMPANY, L.P.  
NAME (PLEASE PRINT) David R. Dix

TITLE Agent and Attorney-in-Fact

SIGNATURE 

DATE 12/17/02

(This space for State use only)

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.

**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)

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**

**SEE ATTACHED EXHIBIT "A"**

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

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

**SUCCESSOR OF OPERATOR**

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and so forth. 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 when 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 COMPANY, L.P., IS CONSIDERED TO BE THE OPERATOR ON THE ATTACHED DESCRIBED LANDS AND IS RESPONSIBLE UNDER THE TERMS AND CONDITIONS OF THE LEASE FOR THE OPERATIONS CONDUCTED ON THE LEASED LANDS OR PORTIONS THEREOF, BOND COVERAGE FOR THIS WELL IS PROVIDED BY FEDERAL NATIONWIDE BOND NO. 158626364, EFFECTIVE FEBRUARY 1, 2002, AND BIA NATIONWIDE BOND NO. RLB0005239, EFFECTIVE FEBRUARY 10, 2003.

RECEIVED  
MAR 04 2003

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

Name (Printed/Typed)  
**CHERYL CAMERON**

Title  
**OPERATIONS**

Signature

Date  
**March 4, 2003**

DIV. OF OIL, GAS & MINING

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title Date

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

Office

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

(Instructions on reverse)

**OPERATOR CHANGE WORKSHEET**

1. GLH
2. CDW ✓
3. FILE

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

Designation of Agent/Operator

Operator Name Change

Merger

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

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

**CA No. Unit: NATURAL BUTTES**

**WELL(S)**

NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
CIGE 3-32-9-22	32-09S-22E	43-047-30320	2900	STATE	GW	P
CIGE 173-32-9-22	32-09S-22E	43-047-32324	2900	STATE	GW	P
NBU 161	32-09S-22E	43-047-32023	2900	STATE	GW	P
CIGE 152-33-9-22	33-09S-22E	43-047-32068	2900	FEDERAL	GW	P
NBU 173	33-09S-22E	43-047-32116	2900	FEDERAL	GW	P
NBU 138	33-09S-22E	43-047-32012	2900	FEDERAL	GW	PA
NBU 138A	33-09S-22E	43-047-32151	2900	FEDERAL	GW	P
COG NBU 93-33E	33-09S-22E	43-047-31753	2900	FEDERAL	GW	P
CIGE 109D-33-9-22	33-09S-22E	43-047-31754	2900	FEDERAL	GW	P
NBU CIGE 27-33-9-22	33-09S-22E	43-047-30738	2900	FEDERAL	GW	P
NBU CIGE 64D-33-9-22P	33-09S-22E	43-047-30950	2900	FEDERAL	GW	P
NBU 112	33-09S-22E	43-047-31930	2900	FEDERAL	GW	P
CIGE 174-33-9-22D	33-09S-22E	43-047-32323	2900	FEDERAL	GW	P
CIGE 213-33-9-22	33-09S-22E	43-047-32933	2900	FEDERAL	GW	P
NBU 327	33-09S-22E	43-047-33735	2900	FEDERAL	GW	P
CIGE 242	33-09S-22E	43-047-34022	99999	FEDERAL	GW	APD
CIGE 266	33-09S-22E	43-047-34386	99999	FEDERAL	GW	APD
CIGE 212-34-9-22	34-09S-22E	43-047-32938	2900	FEDERAL	GW	P
NBU 113	34-09S-22E	43-047-31931	2900	FEDERAL	GW	P
NBU CIGE 25-34-9-22	34-09S-22E	43-047-30737	2900	FEDERAL	GW	P

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

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

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

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

8. **Federal and Indian Units:**

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

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

The BLM or BIA has approved the operator for all wells listed within a CA on: 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: 03/18/2003

2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 03/18/2003

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:**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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**

*95 22E 32 43 04732023*

**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 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 site is ready for final inspection.

Westport Oil & Gas requests a variance to Onshore Order No. 4, Part IIIC.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

*J.T. Conley*

COPY SENT TO OPERATOR

Date: 9-16-03

Initials: CHD

Title

Operations Manager

**9-2-2003**

**SEP 10 2003**

DIV. OF OIL GAS & MINING

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

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

**Federal Approval of This  
Action is Necessary**

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

Office

Date: **9/16/03**

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

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

**Project Economics Worksheet**

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

Project Name: **Condensate Shrinkage Economics**

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

	BEFORE \$/Year	AFTER \$/Year	DIFFERENCE \$/Year
Gross Oil Revenue	\$1,088	\$1,099	\$11
Gross Gas Revenue	\$0	\$0	\$0
NGL Revenue	\$0	\$0	\$0
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 \$	830/830/840	\$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	0 HP	0 HP	0 HP
Fuel Gas Burned	0 MCFPD	0 MCFPD	0 MCFPD

**Project Life:**

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

**Internal Rate of Return:**

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

**AT Cum Cashflow:**

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

**Payout Calculation:**

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

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

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

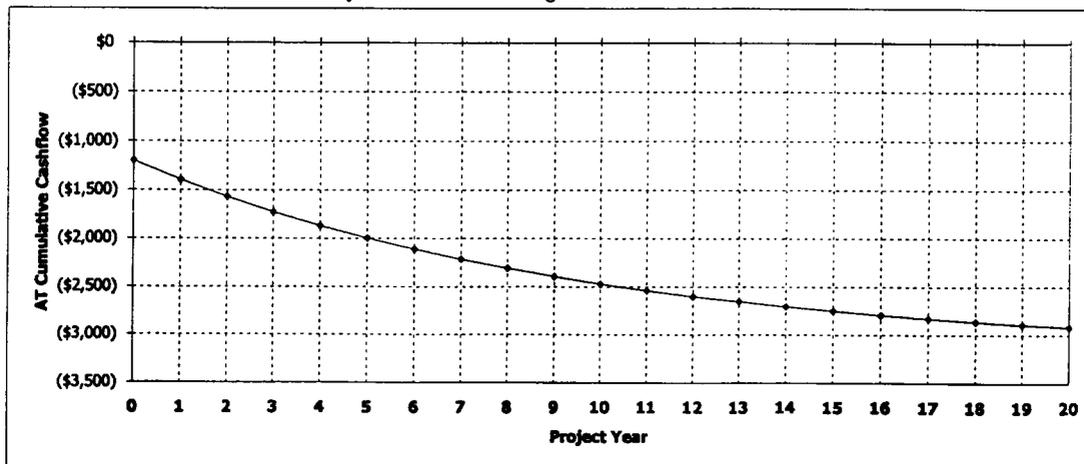
**Gross Reserves:**

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

**Notes/Assumptions:**

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

Project: Condensate Shrinkage Economics



**Westport Oil and Gas, Inc.**

**NBU/Ouray Field**

RFL 2003-022

**COMPARISON OF FLASH BACK PRESSURES**

Calculated by Characterized Equation-of-State

Flash Conditions		Gas/Oil Ratio (scf/STbbl) (A)	Specific Gravity of Flashed Gas (Air=1.000) (C)	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
NBU 149	5-10-22 NESE	UTU01191	891008900A	430473198200S1
NBU 150	9-10-22 SENW	UTU01196B	891008900A	430473199200S1
NBU 151	9-10-22 NWNW	UTU01196B	891008900A	430473199100S1
NBU 152	9-10-22 SESE	UTU01196D	891008900A	430473199000S1
NBU 153	11-10-22 SWNW	U01197A	891008900A	430473197500S1
NBU 154	26-9-21 NWSE	ML22934	891008900A	430473200300S1 ✓
NBU 155	31-9-22 SENW	ML23607	891008900A	430473200400S1 ✓
NBU 156	35-9-21 SWNW	U01194	891008900A	430473200500S1 ✓
NBU 157	32-9-22 SESW	ML22649	891008900A	430473200700S1 ✓
NBU 158	27-9-21 NWSE	U01194A	891008900A	430473199700S1 ✓
NBU 159SWD	35-9-21 NESW	U01194	891008900A	430473199600S1 ✓
NBU 161	32-9-22 SESE	ML22649	891008900A	430473202300S1 ✓
NBU 162	12-10-20 SENW	UTU4478	891008900A	430473206600S1
NBU 163	14-10-21 NENW	UTU465	891008900A	430473206900S1
NBU 164	3-10-22 NWSE	UTU01191A	891008900A	430473205500S1
NBU 165	3-10-22 NENW	UTU01191	891008900A	430473205700S1
NBU 166	28-9-21 SWSE	U05676	891008900A	430473206500S1
NBU 167	25-9-21 SESW	U01194	891008900A	430473205400S1 ✓
NBU 168	12-10-20 NWSW	UTU4478	891008900A	430473211700S1 ✓
NBU 169	12-10-20 SESW	UTU4478	891008900A	430473211800S1
NBU 170	4-10-22 NWNW	UTU01191A	891008900A	430473216900S1
NBU 171	5-10-22 SENE	UTU01191A	891008900A	430473211500S1
NBU 172	19-9-22 NENE	UTU0284	891008900A	430473219400S1
NBU 173	33-9-22 NWNE	UTU01191A	891008900A	430473211600S1
NBU 174	11-9-21 NWNW	UTU0141315	891008900A	430473219300S1
NBU 175	28-9-21 NENW	U05676	891008900A	430473214300S1
NBU 176	28-9-21 SWNW	U05676	891008900A	430473214400S1
NBU 177	29-9-21 NESE	UTU0581	891008900A	430473211200S1
NBU 178	30-9-21 NWNE	UTU0581	891008900A	430473212100S1
NBU 180	10-10-22 SWSE	UTU025187	891008900A	430473211300S1
NBU 181	9-9-21 SESW	UTU0576	891008900A	430473216100S1
NBU 182	11-9-21 SENW	UTU0141315	891008900A	430473216200S1
NBU 183	27-9-21 SWNW	U01194A	891008900A	430473212200S1 ✓
NBU 184	30-9-22 SESW	U463	891008900A	430473217000S1
NBU 185	3-10-22 SWNE	UTU01191A	891008900A	430473217100S1
NBU 186	30-9-22 SENE	U463	891008900A	430473223300S1
NBU 187	34-9-22 SESW	UTU0149077	891008900A	430473223000S1
NBU 188	10-10-22 SWSW	U01196C	891008900A	430473223400S1
NBU 189	23-9-21 SESW	UTU0149075	891008900A	430473223600S1
NBU 190	26-9-21 NWNE	U01194	891008900A	430473223200S1
NBU 191	15-9-21 SWSW	UTU010950A	891008900A	430473229800S1
NBU 192	22-9-21 NENW	UTU0147566	891008900A	430473229900S1
NBU 193	22-9-21 SWSW	UTU010950A	891008900A	430473230000S1
NBU 194	22-9-21 NESW	UTU010950A	891008900A	430473229600S1
NBU 195	11-9-21 NWNE	UTU0141317	891008900A	430473235500S1
NBU 198	22-9-21 NWSE	UTU010950A	891008900A	430473235700S1
NBU 199	9-9-21 SWSW	UTU0576A	891008900A	430473233700S1
NBU 200	19-9-22 NESE	UTU0284	891008900A	430473235900S1
NBU 201	9-9-21 SWNW	UTU0149767	891008900A	430473236400S1
NBU 202	8-9-21 NENE	UTU0149767	891008900A	430473233800S1
NBU 204	9-10-22 NWNE	UTU01196D	891008900A	430473234200S1
NBU 206	10-10-22 SWNW	U01196C	891008900A	430473234100S1
NBU 207	10-10-22 NENW	UTU69129	891008900A	430473232900S1 ✓
NBU 208	4-10-22 SESE	UTU01191	891008900A	430473234300S1
NBU 209	3-10-22 SWSW	UTU01191	891008900A	430473234500S1
NBU 210	10-10-22 NESW	U01196C	891008900A	430473234000S1
NBU 211	1-10-21 NWSW	U02842B	891008900A	430473233900S1
NBU 212	24-10-20 NENW	UTU4485	891008900A	430473239900S1
NBU 213	15-10-22 NWNW	UTU025187	891008900A	430473240100S1
NBU 214	27-9-21 NWSW	U01194	891008900A	430473246600S1 ✓
NBU 215	12-10-21 NWNW	UTU01190	891008900A	430473247100S1
NBU 216	15-9-21 NESW	UTU010950A	891008900A	430473248700S1
NBU 217	28-9-21 NESW	U05676	891008900A	430473248000S1
NBU 221X	34-9-21 NWNW	U01194A	891008900A	430473254500S1 ✓
NBU 222	11-10-22 SWNE	U01194A	891008900A	430473250900S1 ✓
NBU 223	26-9-21 NENW	U01194	891008900A	430473251700S1 ✓
NBU 224	26-9-21 NESW	U01194	891008900A	430473251600S1 ✓
NBU 228	17-9-21 SWSE	UTU0575	891008900A	430473263600S1
NBU 229	3-10-22 NWNE	UTU01191A	891008900A	430473259400S1
NBU 230A	3-10-22 SENE	UTU01191A	891008900A	430473290800S1
NBU 231	10-10-22 NWNE	U01197	891008900A	430473256100S1 ✓
NBU 236	30-9-22 SWNW	U463	891008900A	430473299400S1
NBU 242	5-10-22 SWSE	UTU01191	891008900A	430473294400S1
NBU 243	6-10-22 NWNW	UTU464	891008900A	430473293000S1
NBU 244	7-10-22 NESE	UTU466	891008900A	430473293100S1

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:

**1/6/2006**

**FROM:** (Old Operator):  
 N2115-Westport Oil & Gas Co., LP  
 1368 South 1200 East  
 Vernal, UT 84078  
 Phone: 1-(435) 781-7024

**TO:** ( New Operator):  
 N2995-Kerr-McGee Oil & Gas Onshore, LP  
 1368 South 1200 East  
 Vernal, UT 84078  
 Phone: 1-(435) 781-7024

**CA No.**

**Unit:**

**NATURAL BUTTES UNIT**

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
-----------	-----	-----	-----	--------	-----------	------------	-----------	-------------

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

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

6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 3/27/2006 BIA not yet

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

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

9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on:

**DATA ENTRY:**

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

**BOND VERIFICATION:**

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

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 5/16/2006

**COMMENTS:**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**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 CHANGE OF OPERATOR
	<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

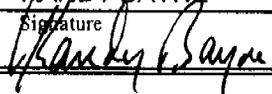
BLM BOND = C01203  
 BIA BOND = RLB0005239

APPROVED 5116106

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

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

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

Signature  


Title  
**DRILLING MANAGER**

Date  
**May 9, 2006**

THIS SPACE FOR FEDERAL OR STATE USE

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

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**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

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

1. Type of Well  
 Oil Well  Gas Well  Other

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

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

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

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

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

6. If Indian, Allottee or Tribe Name

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

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

9. API Well No.

10. Field and Pool, or Exploratory Area

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

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal
			<input type="checkbox"/> Water Shut-Off
			<input type="checkbox"/> Well Integrity
			<input checked="" type="checkbox"/> Other CHANGE 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 zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

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

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

RECEIVED  
 MAY 10 2006

DIV. OF OIL, GAS & MINING

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

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

THIS SPACE FOR FEDERAL OR STATE USE

Approved by <i>Brad Laney</i>	Title	Date <b>5-9-06</b>
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office

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

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

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>ML-22649</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:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: <b>UNIT #891008900A</b>
2. NAME OF OPERATOR: <b>KERR MCGEE OIL &amp; GAS ONSHORE LP</b>		8. WELL NAME and NUMBER: <b>NBU 161</b>
3. ADDRESS OF OPERATOR: <b>1368 SOUTH 1200 EAST</b> CITY <b>VERNAL</b> STATE <b>UT</b> ZIP <b>84078</b>		9. API NUMBER: <b>4304732023</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>580'FSL, 759'FEL</b>		10. FIELD AND POOL, OR WILDCAT: <b>NATURAL BUTTES</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>SESE 32 9S 22E</b>		COUNTY: <b>UINTAH</b>
		STATE: <b>UTAH</b>

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

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

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

**THE OPERATOR PROPOSES TO RECOMPLETE THE SUBJECT WELL LOCATION. THE OPERATOR WILL REFRAC THE LOWER WASATCH INTERVALS 5586'-5610' MD AND RETURN THE WELL TO PRODUCTION.**

**PLEASE REFER TO THE ATTACHED RECOMPLETION PROCEDURE.**

COPIES SENT TO OPERATOR  
DATE: 9-20-06  
BY: CHD

NAME (PLEASE PRINT) <b>SHEILA UPCHEGO</b>	TITLE <b>REGULATORY ANALYST</b>
SIGNATURE	DATE <b>8/23/2006</b>

(This space for State use only)

**AUG 28 2006**

*09/18/06*  
*Devin...*  
(See Instructions on Reverse Side)

**NBU 161  
580' FSL & 759' FEL  
SESE SEC.32, T9S, R22E  
Uintah County, UT**

**KBE:** 5095'  
**GLE:** 5083'  
**TD:** 6105'  
**PBTD:** 6040'

**API NUMBER:** 43-047-32023  
**LEASE NUMBER:** ML-22649  
**UNIT/CA NUMBER:**  
**WI:** 100.000000%  
**NRI:** 83.201090%  
**ORRI:** 13.295890%

**CASING:** 12.25" hole  
8.625" 24# K-55 @ 250' (KB)  
Cemented with 150 sx Prem Plus AG, circulated 8 BC to pit. TOC @ surface by circulation

7.875" hole  
5.5" 17# J-55 @ 6101' with 425 sx HiFill lead and 630 sx 50/50 POZ tail, good circ, no cement returns to surface.

**TUBING:** 2.375" 4.7# J-55 @ 5387', SN @ 5354'

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	0.1626	0.02173	0.00387
5.5" 17# J/K-55 csg.	4.892	4910	5320	0.9764	0.1305	0.02324
8.625" 24# K-55 csg	7.972	1780	2950	2.6749	0.3575	0.0636
7.875" borehole				2.5302	0.3382	0.0602
<b>Annular Capacities</b>						
2.375" tbg. X 5.5" 17# csg.				0.7462	0.0997	0.01776
5.5" csg. X 8.625" 24# csg.				1.4406	0.1926	0.0343
5.5" csg. X 7.875" hole				1.2978	0.1733	0.0309

**GEOLOGIC INFORMATION:**

<b>Formation</b>	<b>Depth to top, ft.</b>
Uinta	Surface
Green River	
Wasatch	4485'

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

USDW Elevation	~1000' MSL
USDW Depth	~4083' GLE

**PERFORATION DETAIL:**

Formation	Date	Top	JSPF	STATUS
Wasatch	9/12/1992	5216	1	Open
Wasatch	9/12/1992	5225	1	Open
Wasatch	9/12/1992	5231	1	Open
Wasatch	9/12/1992	5587	1	Open
Wasatch	9/12/1992	5590	1	Open
Wasatch	9/12/1992	5596	1	Open
Wasatch	9/12/1992	5604	1	Open
Wasatch	9/12/1992	5608	1	Open
Wasatch	9/12/1992	5873	1	Open

**WELL HISTORY****Completion – September 1992**

- Perforated the gross **Wasatch** interval 5216' through 5873', broke down with 2000 gal 15% HCl and ball sealers. Fractured with 204,204# sand and 2035 bbls gel with CO2 assist. Landed tubing @ 5169'. Tested 9/22/92 on 18/64" ck, 1200 MCFD.

**Workover #1 – August 1997**

- Pump 700 gals HCl , install PLE.
- Landed tubing with EOT at 5387', SN at 5354' and RTP on plunger lift.

**REMARKS:**

## NBU 161 REFRAC COMPLETION PROCEDURE

### GENERAL:

- A minimum of **7 tanks** of Vernal City (Tap) water will be required for the fracturing schedules.
- Perforation depths are from the Atlas Wireline Services Compensated Densilog Compensated Neutron Gamma Ray log **dated April 1, 1992**.
- **Perforation phasing:** 4 spf, 90 degrees.
- **1 fracturing stages** required for coverage of the Wasatch group only.
- Use 20/40 mesh sand with chemical and gel loading specified by service company.
- **Scale Inhibitor:** Nalco DVO-005, 10 gal/1000 in pre-pad/flush, 3 gal/1000 in pad and half of the ramp.
- **Pop-Offs:** Install pop-off valves on the surface/production casing annulus set at 1500 psi.
- **There is no flowback pit. Three flowback tanks will be required.**
- **Maximum surface pressure 8500 psi.** This gives a 20% safety margin over the burst rating (10,570 psi) of 2-7/8" 6.5# N-80 tubing work string.
- The burst rating for 5-1/2" 17# K-55 casing has been de-rated for this operation by 20% from 5320 psi to 4256 psi. **This results in a maximum allowable BHTP 6500 psi at 5250' MD (just below the packer).**

### PROCEDURE:

1. MIRU. Control well with 2% KCl and biocide as required. NDWH. NUBOP's and test.
2. PU 2-3/8" 4.7# J-55 tubing landed at 5354' (tubing is swung) & tag for fill (to at least 100' below proposed bottom perf of 5604' MD). Broach tbg to SN, pickle then pressure test tbg. to 1000 psi. If tests O.K., POOH tallying and standing back. Otherwise inspect and L/D damaged jts of production tbg while POOH.
3. If necessary, RIH w/ mill & 2-7/8" 6.5# N-80 work string and C-O fill to ~5704' using foam unit. POOH w/ C-O assembly.
4. RIH with 5-1/2" CIBP on WL and set at 5704' (+/- 100' below the proposed bottom perf at 5604' MD). Cap with 2 sx. cmt. POOH with WL.
5. PU 7,500# differential packer dressed for 5-1/2", 17# casing, SN, and 2-7/8" 6.5# N-80 work string. RIH to +/- 50' above top perf at 5216' MD. Set packer and pressure test casing annulus to 1000 psi for 10 minutes. If casing annulus integrity test fails, consult with engineering before proceeding further. If tests O.K., release packer and RIH to +/- 50' below the bottom perf at 5608' MD.
6. Set packer and pressure test casing through tubing to 1000 psi for 10 minutes. If casing integrity tests fails, consult with engineering. If tests O.K. POOH with 2-7/8" tubing and packer assembly and proceed to perforate.

7. RU Cutters. RIH w/3-3/8" expendable gun, 23 gm, 0.35" hole and perforate the following:

5594-5604' 4 spf

8. POOH w/WL and PU 7,500# differential packer dressed for 5-1/2", 17# casing, SN, and 2-7/8" 6.5# N-80 work string. Set plug in SN and hydrotest tubing to proposed max. surface treating pressure of 8500 psi while RIH. Set packer ±5250' MD and retrieve plug.
9. ND BOP's and NU wellhead. Install frac valves. RU Service Co. (test surface lines to max. treating pressure of 8500 psi)
10. Set up annulus pump with 1000 psi pop-off valve and pump 2% KCl w/biocide down backside during job per instructions on site. Monitor annulus pressure during job.  
**Maximum Annulus Pressure is 1000 psi.**
11. Install both a flow back line (without a choke in case of screen out) and a casing annulus flow back line to the flow back tank.
12. Refrac the Wasatch down 2-7/8" tubing as per the following design:

Event	Rate BPM	Volume		Cumulative Vol.		% of Frac.	Sand lb.	Cum Sand lb.	Scale Inhib., gal.
		gal.	BBL.	gal.	BBL.				
Pad	14	30000	714	30000	714	25%	0	0	180
Ramp (1-4 ppg)	14	64000	1524	94000	2238	53%	157000.3	157000	96
4 ppg	14	26000	619	120000	2857	22%	104000	261000	0
Flush	14	1516	36	121516	2893		0	261000	0
<b>TOTALS:</b>				<b>121516</b>	<b>2893</b>			<b>261000</b>	<b>366</b>

13. RD Service Co immediately after frac. Begin flow back on 10/64" choke as soon as possible.
14. When well dies, release pkr and TOOH w/ 2-7/8" frac string and laydown.
15. PU 2-3/8" tubing with SN and NC and TIH. C-O fill using foam unit to CIBP.
16. Land tbg ~30' above top perf of Wasatch refrac pay zone at 5564'.
17. RDMO

**L. S. Ashcraft**

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:

ML-22649

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:  
UNIT #891008900A

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

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

8. WELL NAME and NUMBER:  
NBU 161

2. NAME OF OPERATOR:  
KERR MCGEE OIL & GAS ONSHORE LP

9. API NUMBER:  
4304732023

3. ADDRESS OF OPERATOR:  
1368 SOUTH 1200 EAST CITY VERNAL STATE UT ZIP 84078

PHONE NUMBER:  
(435) 781-7024

10. FIELD AND POOL, OR WILDCAT:  
NATURAL BUTTES

4. LOCATION OF WELL  
FOOTAGES AT SURFACE: 580'FSL, 759'FEL

COUNTY: UINTAH

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESE 32 9S 22E

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 checked="" 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 checked="" type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

THE OPERATOR HAS PERFORMED A RECOMPLETION ON THE SUBJECT WELL LOCATION. AND PLACED THE SUBJECT WELL LOCATION BACK ON PRODUCTION ON 11/22/2006.

PLEASE REFER TO THE ATTACHED CHRONOLOGICAL WELL HISTORY.

**RECEIVED**  
**JUN 23 2008**  
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) SHEILA UPCHEGO

TITLE REGULATORY ANALYST

SIGNATURE



DATE 11/22/2006

(This space for State use only)



Anadarko Petroleum Corporation  
1368 S. 1200 East  
Vernal, UT 84078

## CHRONOLOGICAL WELL HISTORY

### NBU 161

SESE, SEC. 32, T9S, R22E  
UINTAH COUNTY, UT

### REFRAC

11/16/06

#### POOH WITH TUBING

Days On Completion: 1

Remarks : 7:AM MIRU RIG. SPOT EQUIP. WELL FLOWING TO SEP. BLOW WELL DOWN. RU NATCO TO TBG. PUMP 6 BBLS 15% ACID, SCALE INH, & BIOCID. FLUSH W/ 30 BBLS 2% KCL. ND WELLHEAD, NU BOP. UNLAND TBG. POOH W/ 2 3/8" TBG. 164 JTS & SEAT NIPPLE W/ NOTCHED COLLAR. PU 4 3/4 MILL, POBS, RIH W/ 2 3/8 TBG. RIH TO 5742'. POOH W/ 2 3/8" TBG. EOT 3000'. SWI 5:PM

11/17/06

#### RIH W/ TBG

Days On Completion: 2

7:AM HSM. FINISH POOH W/ 2 3/8 TBG & MILL. RU WIRELINE , RIH SET 5 1/2 CIBP @ 5730'. PU DUMP BAILER RIH W/ 2 SXS CEMENT. PUT ONTOP CIBP. RD WIRELINE. PU 5 1/2 HD PKR. RIH W/ 2 3/8 TBG. SET PKR @ 5640'. FILL TBG, TEST TO 1000 PSI, HELD. RELEASE PKR, POOH TO 5200'. SET PKR, FILL & TEST CSG TO 1000 PSI, HELD. RELEASE PKR. POOH W/ 2 3/8" TBG & PKR. LD PKR. RU CUTTERS. RIH W/ 3 3/8" PERF GUN, PERF 5594-5604. 4 SPF, 40 HOLES.RD CUTTERS. PREP TO RUN 27/8" TBG. SWI 5:PM

11/20/06

#### RUN PACKER

Days On Completion: 5

7:00 A.M. HSM. PREP & TALLY 2 7/8" P-110 TBG. P/U 5 1/2" H.D. PKR & RIH P/U TBG OFF TRAILER. RIH TO 5268'. R/U PMP & LINES, FILL TBG W/ 14 BBLS 2% KCL. MIRU B&C QUICK TST. PSI TST TBG TO 8500#, (HELD). BLEED PSI OFF. RDMO B&C. MIRU DELSCO. P/U JDC & RIH. LATCH S.V. @ 5268'. POOH. L/D S.V. RDMO DELSCO. POOH W/ 2 JTS TBG. EOT @ 5206'. SWI. SDFN.

11/21/06

#### FRAC

Days On Completion: 6

Remarks : 7:00 A.M. HSM

RIH W/ 2 JTS TBG. SET 5 1/2" HD PKR @ 5271'SET DWN 30,000# COMP. MIRU B.J. PMP SVC. R/U LINES. HOLD SFT MTG. PSI TST LINES TO 9000# (HELD). BEG FRAC. PMP 50 BBLS PRE PAD W/ 10 GAL PER THOUSAND DVE-005, TREAT INTERVAL 5594' - 5604' ATTEMPT TO BRK DWN PERF'S , WELL INJECTING @ 4.4 BPM @ 120#, 43 BBLS GONE. BEG STG. EST INJ RT @ 15.5 BPM @ 2330#, TREAT STG W/ 70,025# TOTAL SAND. LAST 5000# TAILED IN W/ TEMPERED LC. TOTAL CL FL 2125 BBLS. ISIP 2150#, FG .75. RDMO B.J. INSTALL 10/64 CHOKE IN F.B. TK. TURN WELL TO FLOW BACK 10:30 A.M.  
10:30 A.M. FTP 1300# 10/64 CHOKE RECOVERED 0 BBLS  
11:30 A.M. FTP 700# 10/64 CHOKE RECOVERED 21 BBLS  
12:30 P.M. FTP 0# 10/64 CHOKE RECOVERED 18 BBLS

12:45 P.M. WELL SANDED OFF & DIED.

R/D FLOW BACK LINES. RLS PKR @ 5271', LET EQUILIZE 20 MIN. POOH, L/D 2 7/8" P-110 TBG ON TRAILER. L/D 5 1/2" HD PKR. X-O TO 2 3/8" TBG EQUIP. X-O PIPE RAMS. P/U 4 3/4" MILL, POBS & RIH W/ 2 3/8" PROD TBG. EOT @ 2500'. SWI. SDFN

11/22/06

**C/O SAND**

Days On Completion: 7

7:00 a.m. HSM. SITP, SICP 0# (ON VACCUM). CONT TO RIH W/ PROD TBG. TAG FILL @ 5233', (497' SAND). R/U DRL EQUIP. R/U PMP & LINES, MIRU WEATHERFORD AIR FOAM UNIT. BRK CONV CIRC & BEG TO C/O. DRL DWN TO 5392', FELL THROUGH. CONT TO RIH. TAG FILL @ 5614', CONT TO C/O TO PBTD @ 5710'. (TOP OF CMT ON CIRC). CIRC WELL CLEAN 1 HR. RD DRL EQUIP. RD AIR FOAM UNIT. POOH, REMOVE STRING FLOAT. RIH W/ 10 JTS TBG. LAND TBG W/ EOT @ 5249'. R/U PMP. FILL TBG W/ 20 BBLS 2% KCL. PMP OFF THE BIT SUB @ 900#. R/U FLOW LINES. RIG DWN. PREP TO MOVE. LEAVE WELL SHUT IN FOR PSI BUILD UP.