

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

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
 496' FNL, 1987' FWL (NE $\frac{1}{4}$ NW $\frac{1}{4}$) Section 10, T10S, R21E
 At proposed prod. zone
 Same as Above

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 Approximately fourteen (14) miles southeast of Ouray, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
 496'

16. NO. OF ACRES IN LEASE
 480

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.
 2,000' ±

19. PROPOSED DEPTH
 5,650' *WSTC*

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 5,057' GR

22. APPROX. DATE WORK WILL START*
 March 10, 1991

5. LEASE DESIGNATION AND SERIAL NO.
 UTU-0149079

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 Not Applicable

7. UNIT AGREEMENT NAME
 Natural Buttes

8. FARM OR LEASE NAME
 NBU

9. WELL NO.
 115

10. FIELD AND POOL, OR WILDCAT
 Natural Buttes (630)

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Section 10, T10S, R21E

12. COUNTY OR PARISH
 Uintah

13. STATE
 Utah

23. PROPOSED CASING AND CEMENTING PROGRAM (ALL NEW)

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, Circulated to Surface*
7-7/8"	5-1/2" K-55	17.0#	0-5,650'	545 sx, Circulated to Surface*

* Cement volumes may change due to hole size. Calculate from caliper log.

EIGHT-POINT RESOURCE PROTECTION PLAN ATTACHED

I hereby certify that Coastal Oil & Gas Corporation is authorized by the proper Lease Interest Owners to conduct lease operations associated with this Application for Permit to Drill the NBU#115, Federal Lease #UTU-0149079. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Coastal Oil & Gas Corporation, Nationwide Bond #CO-0018, who will be responsible for compliance with all the terms and conditions of that portion of the lease associated with this Application.

RECEIVED
DEC 17 1990
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 Randy J. Bartley TITLE Manager, Drilling & Prod. DATE 12/10/90

(This space for Federal or State office use)

APPROVED BY [Signature] TITLE [Signature] DATE 12-27-90

PERMIT NO. 43-047-31909 APPROVAL DATE [Signature]

CONDITIONS OF APPROVAL, IF ANY: _____

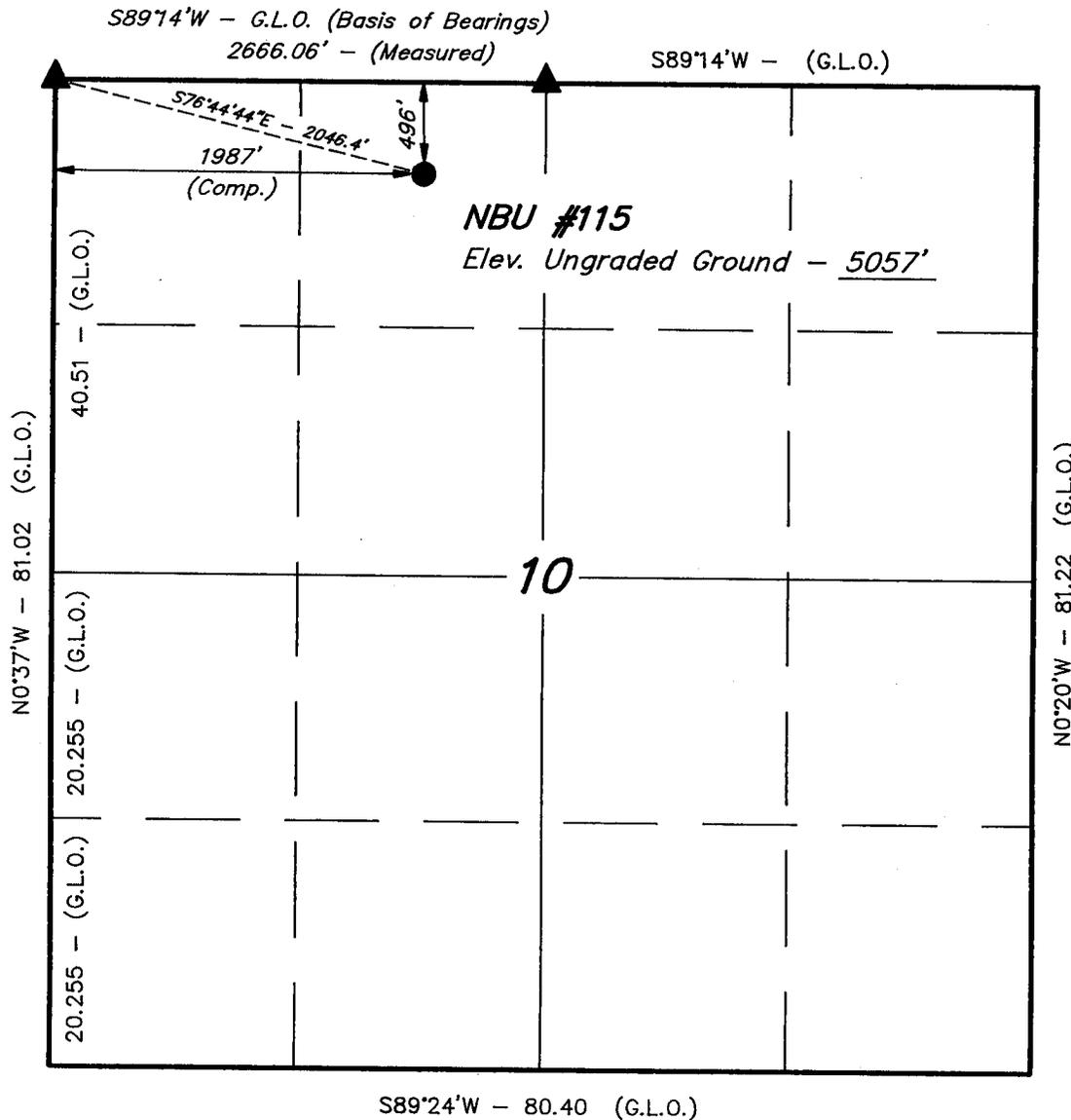
WELL SPACING: 615-2-3

*See Instructions On Reverse Side

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

COASTAL OIL & GAS CORP.

Well location, NBU #115, located as shown in the NE 1/4 NW 1/4 of Section 10, T10S, R21E, S.L.B.&M. Uintah County, Utah.



BASIS OF ELEVATION

SPOT ELEVATION IN THE SE 1/4 OF SECTION 7, T10S, R21E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN NW QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5193 FEET.



CERTIFICATE

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

Robert L. 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 10-9-90
PARTY R.L.K. K.K. T.D.H.	REFERENCES G.L.O. PLAT
WEATHER WARM	FILE COASTAL OIL & GAS CORP.

▲ = SECTION CORNERS LOCATED. (Bross Caps)

COASTAL OIL & GAS CORPORATION
Lease #UTU-0149079, NBU #115
NE $\frac{1}{4}$ NW $\frac{1}{4}$, Section 10, T10S, R21E
Uintah County, Utah

Drilling Prognosis

1. Estimated Tops of Important Geologic Markers:

Uinta	Surface	Wasatch	4555'
Green River	1424'	Total Depth	5650'

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

Wasatch 4555' Gas (Primary Objective)

If any shallow water zones are encountered, they will be adequately protected and reported; none anticipated. All potentially productive hydrocarbon zones will be cemented off.

3. Pressure Control Equipment: (Schematic Attached)

A. Type: 11" Double Gate Hydraulic.

The Blow-Out Preventer will be equipped as follows:

1. One (1) blind ram (above).
2. One (1) pipe ram (below).
3. Kill line (2-inch minimum).
4. One (1) kill line valve (2-inch minimum).
5. One (1) choke line valve.
6. Two (2) adjustable chokes.
7. Upper kelly cock valve with handle available.
8. Safety valve & subs to fit all drill strings in use.
9. 2-inch (minimum) choke line.
10. Pressure gauge on choke manifold.

B. Pressure Rating: 2,000 psi

C. Testing Procedure:

At a minimum, the BOP, choke manifold, and related equipment will be pressure tested to the approved working pressure of the BOP stack (if isolated from the surface casing by a test plug) or to 70% of the internal yield strength of the surface casing (if the BOP is not isolated from the casing by a test plug). Pressure will be maintained for a period of at least ten (10) minutes or until the requirements of the test are met, whichever is longer.

3. Pressure Control Equipment:

C. Testing Procedure: Continued

At a minimum, the above pressure test will be performed:

1. When the BOP is initially installed;
2. Whenever any seal subject to test pressure is broken;
3. Following related repairs; and
4. At thirty (30) day intervals.

In addition to the above, the pipe and blind rams will be activated each trip, but not more than once each day.

All BOP drills and tests will be recorded in the IADC driller's log.

D. Choke Manifold Equipment:

All choke lines will be straight lines unless turns use tee blocks or are targeted with running tees, and will be anchored to prevent whip and vibration.

E. Accumulator:

The accumulator will have sufficient capacity to close all BOP's and retain 200 psi above precharge. Nitrogen bottles which meet the manufacturer's specifications will be used as the backup to the required independent power source. The accumulator precharge pressure test will be conducted prior to connecting the closing unit to the BOP stack and at least once every six (6) months thereafter. The accumulator pressure will be corrected if the measured precharge pressure is found to be above or below the maximum or minimum limits specified in Onshore Operating Order #2.

F. Special Drilling Operations:

In addition to the equipment already specified in Items A through E, above, the following equipment will be in place and operational during air/gas drilling:

1. Properly lubricated and maintained rotating head.
2. Spark arresters on engines or water cooled exhaust.
3. Blooie line discharge 100 feet from well bore and securely anchored.

3. Pressure Control Equipment:

F. Special Drilling Operations: Continued

4. Straight run on blooie line.
5. Deduster equipment (not required on aerated water system).
6. All cuttings and circulating medium(s) shall be directed into a reserve or blooie pit.
7. Float valve above bit.
8. Automatic igniter or continuous pilot light on the blooie line (not required on aerated water system).
9. Compressors located in the opposite direction from the blooie line and at a minimum of 100 feet from the well bore.
10. Mud circulating equipment, water, and mud materials (does not have to be pre-mixed) sufficient to maintain the capacity of the hole and circulating tanks or pits.

G. Miscellaneous Information:

The Blow-Out Preventer and related pressure control equipment will be installed, tested and maintained in compliance with the specifications in and requirements of Onshore Operating Order #2.

The choke manifold and BOP extension rods with hand wheels will be located outside the rig sub-structure. The hydraulic BOP closing unit will be located at least twenty-five (25) feet from the well head but readily accessible to the driller.

Exact locations and configurations of the hydraulic BOP closing unit will depend upon the particular rig contracted to drill this hole.

A flare line will be installed after the choke manifold, extending 100 feet (minimum) from the center of the drill hole to a separate flare pit.

4. The Proposed Casing and Cementing Program: (All New)

A. Casing Program

<u>Hole Size</u>	<u>Casing Size</u>	<u>Wt./Ft.</u>	<u>Grade</u>	<u>Joint</u>	<u>Depth Set</u>
12-1/4"	8-5/8"	24.0#	K-55	ST&C	0- 250'

4. The Proposed Casing and Cementing Program:

A. Casing Program - Continued

<u>Hole Size</u>	<u>Casing Size</u>	<u>Wt./Ft.</u>	<u>Grade</u>	<u>Joint</u>	<u>Depth Set</u>
7-7/8"	5-1/2"	17.0#	K-55	LT&C	0-5650'

Casing string(s) will be pressure tested to 0.22 psi per foot, or 1500 psi (not to exceed 70% of the internal yield strength of the casing), whichever is greater, after cementing and prior to drilling out from under the casing shoe.

B. Cementing Program

Surface Casing : Cement with approximately 180 sx Class "G" cement + additives, circulated to surface with 100% excess.

Production Casing : Lead with approximately 350 sx Halliburton Silica "Lite" cement with 4% Gel, 4% CaCl₂, 0.3 % Halad-413 and 2.0#/sx Granulite TR; tail with approximately 195 sx Class "G" cement + additives. Cement will be circulated back to surface with 30% excess.

Actual cement volumes to be required will be determined from the caliper log.

All waiting on cement (WOC) times will be adequate to achieve a minimum of 500 psi compressive strength at the casing shoe prior to drilling out.

5. Mud Program: (Visual Monitoring)

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss</u>
0-5650'	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.

6. Evaluation Program:

Logs : DIL-Caliper : 5650' - Surface
FDC-CNL : 5650' - 1500'

DST's : None anticipated.

Cores : None anticipated.

The proposed evaluation program may change at the discretion of the wellsite geologist, with prior approval from the Authorized Officer, Bureau of Land Management.

Stimulation : No stimulation or frac treatment has been formulated for this test at this time. The drill site, as approved, will be of sufficient size to accommodate all completion activities.

Whether the well is completed as a dry hole or as a producer, Well Completion and Recompletion Report and Log (Form 3160-4) will be submitted to the Book Cliffs Resource Area Office not later than thirty (30) days after the completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164.

Two (2) copies of all logs, core descriptions, core analyses, well test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the Authorized Officer, Book Cliffs Resource Area Office, Bureau of Land Management, 170 South 500 East, Vernal, Utah 84078, Phone: (801) 789-1362.

7. Abnormal Conditions:

No abnormal temperatures or pressures are anticipated. No H₂S has been encountered in or known to exist from previous wells drilled to similar depths in the general area. Maximum anticipated bottom hole pressure equals approximately 2,627 psi (calculated at 0.465 psi/foot) and maximum anticipated surface pressure equals approximately 1,384 psi (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. Anticipated Starting Dates and Notification of Operations:

A. Drilling Activity

Anticipated Commencement Date : March 10, 1991
Drilling Days : Approximately 10 Days
Completion Days : Approximately 7 days

B. Notification of Operations

The Book Cliffs Resource Area Office, Bureau of Land Management will be notified at least twenty-four (24) hours PRIOR to the commencement of the following activities:

1. Spudding of the well. This oral report will be followed up with a Sundry Notice (Form 3160-5);
2. initiating pressure tests of the blow-out preventer and related equipment;
3. running casing and cementing of ALL casing strings.

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

In accordance with Onshore Operating Order #1, this well will be reported on MMS Form 3160-6, "Monthly Report of Operations", starting with the month in which operations commence and continuing each month until the well is physically plugged and abandoned. This report will be filed directly with the Royalty Management Program, Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217.

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

8. Anticipated Starting Dates and Notification of Operations:

B. Notification of Operations - Continued

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

Should the well be successfully completed for production, the Authorized Officer will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication no later than five (5) business days following the date on which the well is placed on production.

Pursuant to NTL-2B, with the approval of the Authorized Officer, produced water may be temporarily disposed of into the reserve pit for a period of up to ninety (90) days. During this period so authorized, an application for approval of the permanent disposal method, along with the required water analysis and other information, must be submitted to the Authorized Officer.

Pursuant to NTL-4A, lessees and operators are authorized to vent/flare gas during initial well evaluation tests, not exceeding a period of thirty (30) days or the production of fifty (50) MMCF of gas, whichever occurs first. An application must be filed with the Authorized Officer, and approval received, for any venting/flaring of gas beyond the initial thirty (30) day or otherwise authorized test period.

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the Vernal District Office within thirty (30) days of installation or first production, whichever occurs first. All site security regulations as specified in 43 CFR 3162.7 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

A first production conference will be scheduled within fifteen (15) days after receipt of the first production notice.

8. Anticipated Starting Dates and Notification of Operations:

B. Notification of Operations - Continued

No well abandonment operations will be commenced without the prior approval of the Authorized Officer. In the case of newly-drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the Authorized Officer.

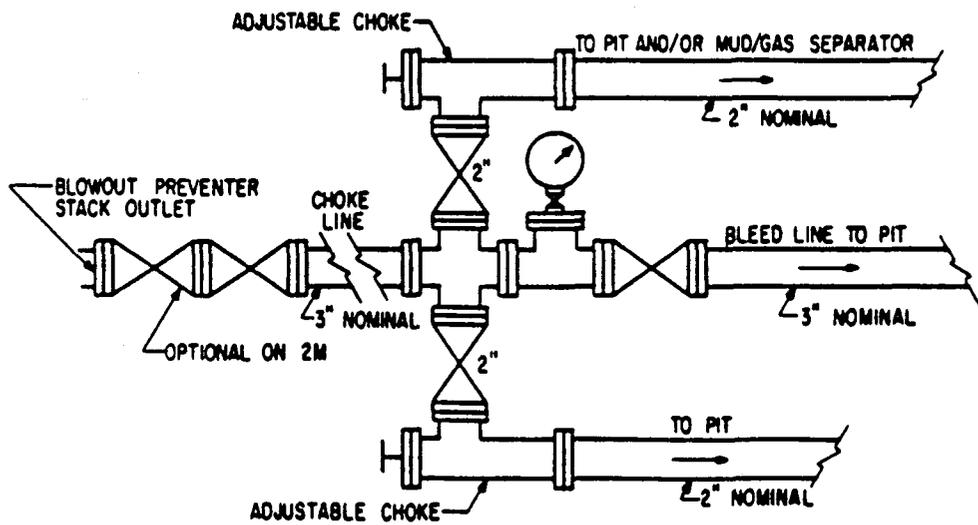
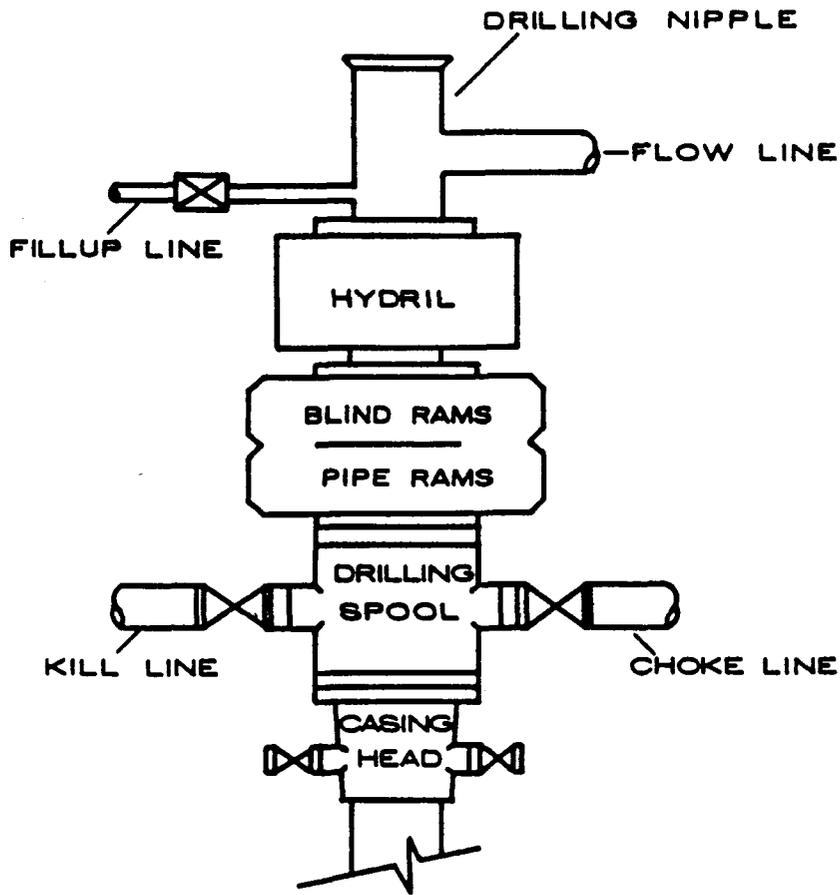
A "Notice of Intention to Abandon" (Form 3160-5) will be filed with the Authorized Officer within fifteen (15) days following the granting of oral approval to plug and abandon.

Upon completion of approved plugging, a regulation marker will be erected in accordance with 43 CFR 3162.6. The following information will be permanently placed on the marker with a plate, cap, or beaded-on with a welding torch: "Fed" or "Ind", as applicable; Company Name, Well Name and Number, Location by Quarter/Quarter, Section, Township, Range, and Federal or Indian Lease Number.

A "Subsequent Report of Abandonment" (Form 3160-5) will be submitted within thirty (30) days following the actual plugging of the well bore. This report will indicate where plugs were placed and the current status of surface restoration operations. If surface restoration has not been completed at that time, a follow-up report on Form 3160-5 will be filed when all surface restoration work has been completed and the location is considered ready for final inspection. Final abandonment will not be approved until the surface reclamation work required by the approved Application for Permit to Drill has been completed to the satisfaction of the Authorized Officer or his representative, or the appropriate Surface Management Agency.

Pursuant to Onshore Operating Order #1, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in such a manner which conforms with applicable Federal laws and regulations and with State and local laws and regulations to the extent that such State and local laws are applicable to operations on Federal and Indian lands.

BOP STACK



COASTAL OIL & GAS CORPORATION
Lease #UTU-0149079, NBU #115
NE $\frac{1}{4}$ NW $\frac{1}{4}$, Section 10, T10S, R21E
Uintah County, Utah

Multi-Point Surface Use and Operations Plan

1. Existing Roads: Refer to Maps "A" & "B" (shown in ORANGE)

- A. The proposed well site is staked and four 200-foot reference stakes are present.
- B. To reach the location from the town of Vernal, Utah; proceed generally southwest approximately 14.0 miles on U.S. Highway 40 (a paved U.S. highway), thence generally south approximately 10.0 miles on Utah Highway 88 (a paved state highway) to the town of Ouray, thence generally south approximately 10.2 miles on the Seep Ridge Road (an existing, upgraded Uintah County road), thence generally east/southeast approximately 4.3 miles on an existing, upgraded oilfield road (crowned & ditched with a gravel surface), thence generally north-east approximately 2.2 miles on an existing, upgraded oilfield road (crowned & ditched with a gravel surface), thence generally northwest approximately 2100 feet to the proposed NBU #115 well location.
- C. Access roads - refer to Maps "A" and "B".
- D. Access roads within a one-mile radius - refer to Map "B".
- E. The existing gravel roads will be maintained in the same or better condition as existed prior to the commencement of operations and said maintenance will continue until final abandonment and reclamation of the NBU #115 well location.

2. Planned Access Roads: Refer to Map "B" (Shown in GREEN)

Approximately 2100 feet of new road construction will be required for access to the proposed NBU #115 well location.

- A. Width - maximum 30-foot overall right-of-way with an 18-foot road running surface, crowned & ditched.
- B. Construction standard - the access road will be constructed in accordance with Bureau of Land Management Rooding Guidelines established for oil and gas exploration and development activities as referenced in the BLM/USFS publication: Surface Operating Standards for Oil and Gas Exploration and Development, Third Edition.

The access road will be constructed to meet the standards of the anticipated traffic flow and all-weather requirements.

2. Planned Access Roads: Continued

- B. Construction standard - construction will include ditching, draining, graveling, crowning, and capping the roadbed as necessary to provide a well constructed and safe road.

Prior to construction/upgrading, the roadway shall be cleared of any snow cover and allowed to dry completely.

Traveling off of the thirty (30) foot right-of-way will not be allowed.

Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or the accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at a frequent intervals by means of cutouts.

Upgrading shall not be allowed during muddy conditions.

Should mud holes develop, they shall be filled in and detours around them avoided.

- C. Maximum grade - 4%.
D. Turnouts - turnouts will be constructed along the access route as necessary or required to allow for the safe passage of traffic. None anticipated at this time.
E. Drainage design - the access road will be crowned, ditched, and water turnouts installed as necessary to provide for proper drainage along the access road route.
F. Culverts, cuts and fills - no culverts will be required. There are no major cuts and/or fills on/along the proposed access road route.
G. Surface materials - any construction materials which may be required for surfacing of the access road will be purchased from a local contractor having a permitted source of materials in the area, if required by the Authorized Officer, Bureau of Land Management. None anticipated at this time.
H. Gates, cattleguards or fence cuts - none required.

2. Planned Access Roads: Continued

- I. Road maintenance - during both the drilling and production phase of operations, the road surface and shoulders will be kept in a safe and useable condition and will be maintained in accordance with the original construction standards. All drainage ditches and culverts will be kept clear and free-flowing, and will also be maintained in accordance with the original construction standards. The access road right-of-way will be kept free of trash during operations.
- J. The proposed access road is flagged.

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

Please Refer to Map "C"

- A. Water wells - none known.
- B. Abandoned wells - SW $\frac{1}{4}$ NE $\frac{1}{4}$, Section 3, T10S, R21E.
- C. Temporarily abandoned wells - none known.
- D. Disposal wells - none known.
- E. Drilling wells - none known.
- F. Producing wells - NW $\frac{1}{4}$ SE $\frac{1}{4}$, Section 3, T10S, R21E.
NE $\frac{1}{4}$ SW $\frac{1}{4}$, Section 3, T10S, R21E.
NE $\frac{1}{4}$ SE $\frac{1}{4}$, Section 4, T10S, R21E.
SW $\frac{1}{4}$ SE $\frac{1}{4}$, Section 4, T10S, R21E.
NE $\frac{1}{4}$ NE $\frac{1}{4}$, Section 9, T10S, R21E.
NE $\frac{1}{4}$ SE $\frac{1}{4}$, Section 9, T10S, R21E.
NE $\frac{1}{4}$ NE $\frac{1}{4}$, Section 10, T10S, R21E.
SE $\frac{1}{4}$ SE $\frac{1}{4}$, Section 10, T10S, R21E.
- G. Shut-in wells - none known.
- H. Injection wells - none known.
- I. Monitoring wells - none known.

4. Location of Existing and/or Proposed Facilities Owned by Coastal Oil & Gas Corporation Within a One-Mile Radius:

A. Existing

- 1. Tank batteries - NW $\frac{1}{4}$ SE $\frac{1}{4}$, Section 3, T10S, R21E.
NE $\frac{1}{4}$ SW $\frac{1}{4}$, Section 3, T10S, R21E.
NE $\frac{1}{4}$ SE $\frac{1}{4}$, Section 4, T10S, R21E.
SW $\frac{1}{4}$ SE $\frac{1}{4}$, Section 4, T10S, R21E.
NE $\frac{1}{4}$ NE $\frac{1}{4}$, Section 9, T10S, R21E.
NE $\frac{1}{4}$ SE $\frac{1}{4}$, Section 9, T10S, R21E.
NE $\frac{1}{4}$ NE $\frac{1}{4}$, Section 10, T10S, R21E.
SE $\frac{1}{4}$ SE $\frac{1}{4}$, Section 10, T10S, R21E.

4. Location of Existing and/or Proposed Facilities Owned by Coastal Oil & Gas Corporation Within a One-Mile Radius:

A. Existing - Continued

2. Production facilities - same as Item #4A1, above.
3. Oil gathering lines - none.
4. Gas gathering lines - same as Item #4A1, above.

B. New Facilities Contemplated

1. All production facilities will be located on the disturbed portion of the well pad and at a minimum of twenty-five (25) feet from the toe of the back-slope or toe of the fill slope.
2. The production facilities (consisting primarily of a christmas tree at the well head, dehydration unit, and emergency pit) will require an area approximately 300' X 135'. A diagram showing the proposed production facility layout will be submitted to the Authorized Officer via "Sundry Notice" (Form 3160-5) for approval of subsequent installation operations.
3. Production facilities will be accommodated on the existing well pad. Construction materials required for installation of the production facilities will be obtained from the site; any additional materials required will be purchased from a local supplier having a permitted (private) source of materials within the area.

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

4. All permanent (on-site for six months or longer) above-the-ground structures constructed or installed including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Five (5) State Rocky Mountain Interagency Committee.

All production facilities will be painted within six (6) months of installation.

4. Location of Existing and/or Proposed Facilities Owned by Coastal Oil & Gas Corporation Within a One-Mile Radius:

B. New Facilities Contemplated - Continued

4. Facilities required to comply with Occupational Health and Safety Act Rules and Regulations will be excluded from this painting requirement.

The required paint color is Carlsbad Canyon, Munsell standard color number 2.5Y 6/2.

5. If at any time the facilities located on public lands and authorized by the terms of the lease are no longer included in the lease (due to a contraction in the unit or other lease or unit boundary change), the Bureau of Land Management will process a change in authorization to the appropriate statute). The authorization will be subject to the appropriate rental or other financial obligation as determined by the Authorized Officer.

- C. The production (emergency) pit will be fenced with woven wire mesh topped with one (1) strand of barbed wire held in place with metal side posts and wooden corner "H" braces in order to protect livestock and wildlife. Please refer to Item #9E (page #'s 8 & 9) for additional information on the fencing specifications.

- D. During drilling and subsequent operations, all equipment and vehicles will be confined to the access road right-of-way and any additional areas as specified in the approved Application for Permit to Drill.

- E. Reclamation of disturbed areas no longer needed for operations will be accomplished by grading, leveling and seeding as recommended by the Bureau of Land Management (Refer to Item #10A2 (page #10) for the appropriate seed mixture and rate of application).

5. Location and Type of Water Supply:

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

5. Location and Type of Water Supply: Continued

- B. Water will be transported over existing roads via tank truck from the point of diversion to the proposed NBU #115 well location. No new construction will be required on/along the proposed water haul route. No off-lease/unit Federal lands will be crossed on/along the proposed water haul route.
- C. No water well will be drilled on this location.

6. Source of Construction Materials:

- A. Construction materials needed for surfacing of the well pad will be obtained from a local contractor having a permitted source (private) of materials in the area. Refer to Item #2F (page #2) regarding any construction materials which may be required on the access road.
- B. No construction materials will be taken from Federal and/or Indian lands without prior approval from the appropriate Surface Management Agency.
- C. If production is established, any additional construction materials needed for surfacing the access road and installation of production facilities will be purchased from a local supplier having a permitted (private) source of materials in the area.
- D. No new access roads for construction materials will be required.

7. Methods of Handling Waste Materials:

- A. Cuttings - the cuttings will be deposited in the reserve/bloolie pit.
- B. Drilling fluids - including salts and chemicals will be contained in the reserve/bloolie pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be removed and disposed of at an approved waste disposal facility within ninety (90) days after termination of drilling and completion activities.

In the event adverse weather conditions prevent removal of the fluids from the reserve pit within this time period, an extension may be granted by the Authorized Officer upon receipt of a written request from Coastal Oil & Gas Corporation.

The reserve pit will be constructed so as not to leak, break, or allow discharge.

7. Methods of Handling Waste Materials: Continued

- C. Produced fluids - liquid hydrocarbons produced during completion operations will be placed in test tanks on the location. Produced produced waste water will be confined to a lined pit (reserve pit) or storage tank for a period not to exceed ninety (90) days after initial production. During the ninety (90) day period, in accordance with NTL-2B, an application for approval of a permanent disposal method and location, along with the required water analysis, shall be submitted for the Authorized Officer's approval. Failure to file an application within the time frame allowed will be considered an incidence of noncompliance.

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

- D. Sewage - self-contained, chemical toilets will be provided by Rocket Sanitation for human waste disposal. Upon completion of operations, or as needed, the toilet holding tanks will be pumped as and the contents disposed of in the nearest, approved, sewage disposal facility.
- E. Garbage and other waste material - garbage, trash and other waste materials will be collected in a portable, self-contained and fully-enclosed trash cage during drilling and completion operations. Upon completion of operations (or as needed) the accumulated trash will be disposed of at an authorized sanitary landfill. No trash will be burned on location or placed in the reserve pit.
- F. Immediately after removal of the drilling rig, all debris and other waste materials not contained in the trash cage will be cleaned up and removed from the well location. No adverse materials will be left on the location upon the termination of drilling and completion operations. Any open pits will be fenced during the drilling operation and the fencing will be maintained until such time as the pits are backfilled.

8. Ancillary Facilities:

None anticipated.

9. Wellsite Layout:

- A. Figure #1 shows the drill site layout as staked. Cross sections have been drafted to visualize the planned cuts and fills across the location. A minimum of six (6) inches of topsoil will be stripped from the location (including areas of cut, fill, and/or subsoil storage) and stockpiled for future reclamation of the well site. Refer to Figure #1 for the location of the topsoil and subsoil stockpiles.
- B. Figure #1 is a diagram showing the rig layout. No permanent living facilities are planned. There will be one (1) trailer on location during drilling operations for the toolpusher.
- C. A diagram showing the proposed production facility layout will be submitted to the Authorized Officer via Sundry Notice (Form 3160-5) for approval of subsequent operations (Refer to Item #4B (page #4) for additional information in this regard).
- D. If porous subsoil materials (gravel, scoria, sand, faulted rock structures, etc.) are encountered during reserve pit construction, an impervious liner will be installed in order to prevent drilling water loss through seepage. We do not anticipate the need for a pit liner at this time.
- E. Prior to the commencement of drilling operations, the reserve pit will be fenced "sheep tight" on three (3) sides according to the following minimum standards:
 1. 30-inch net wire shall be used with at least one (1) strand of barbed wire on top of the net wire (barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence).
 2. The net wire shall be no more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least 42 inches.
 3. Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
 4. Standard steel, wood, or pipe posts shall be used between the corner braces. maximum distance between any two (2) posts shall be no greater than sixteen (16) feet.

9. Wellsite Layout: Continued

E. Prior to the commencement of drilling operations, the reserve pit will be fenced "sheep tight" on three (3) sides according to the following minimum standards:

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

The fourth side of the reserve pit will be fenced immediately upon removal of the drilling rig and the fencing will be maintained until the pit is backfilled.

F. Any hydrocarbons on the pit will be removed from the pit as soon as possible after drilling operations are completed.

10. Plans for Reclamation of the Surface:

A. Production

1. Immediately upon well completion, the well location and surrounding area(s) will be cleared of all debris, materials, trash and junk not required for production.
2. Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with 43 CFR 3162.7-1.
3. If a plastic or nylon reinforced pit liner is used, it shall be torn and perforated before backfilling of the reserve pit.
4. Before any dirt work to restore the location takes place, the reserve pit will be completely dry and all cans, barrels, pipe, etc. will be removed. Other waste and spoil materials will be disposed of immediately upon completion of drilling and workover activities.
5. The reserve pit and that portion of the location and access road not needed for production facilities/ operations will be reclaimed within ninety (90) days from the date of well completion, weather permitting.

10. Plans for Reclamation of the Surface:

A. Production - Continued

6. For production, the fill slopes will be reduced from a 1.5:1 slope to a 4:1 slope and the cut slopes will be reduced from a 1.5:1 slope to a 4:1 slope by pushing the fill material back up into the cut.
7. Upon completion of backfilling, leveling and re-contouring, the stockpiled topsoil will be evenly spread over the reclaimed area(s). Prior to reseeding, all disturbed surfaces (including the access road and location) will be scarified and left with a rough surface. No depressions will be left that would trap water and form ponds. All disturbed surfaces (including the access road and well pad areas) will be reseeded with the following seed mixture recommended by the Bureau of Land Management:

<u>Species</u>	<u>Lbs. PLS/Acre</u>
Hi-Crest Created Wheatgrass	5.0
Four-Wing Saltbush	6.0
Yellow Sweet Clover	1.0

Seed will be drilled on the contour to an approximate depth of one-half (1/2) inch. All seeding will be conducted after September 15 and prior to ground frost.

B. Dry Hole/Abandoned Location

1. At such time as the well is physically plugged and abandoned, Coastal Oil & Gas Corporation will submit a "Subsequent Report of Abandonment" to the Authorized Officer for approval. At that time, the Bureau of Land Management will formulate the appropriate surface rehabilitation requirements and attach them as the conditions of approval for final abandonment.

11. Surface Ownership:

The well site and proposed access road are situated on surface estate which is owned by the United States of America.

11. Surface Ownership: Continued

These federal lands are administered by:

Area Manager
Book Cliffs Resource Area Office
Bureau of Land Management
170 South 500 East
Vernal, Utah 84078
Phone: (801) 789-1362

12. Other Information:

- A. General Description of the Project Area: The proposed drill site is located within the Natural Buttes Unit in an area of northeastern Utah and more specifically in an area of moderately to severely eroded uplands located between the White River to the east (and north), the Green River to the west, Bitter Creek to the southeast, and Willow Creek to the southwest.

This area is classified as a "High Plains Steppe" (Cold Desert) and is characterized by gently to moderately undulated uplands dissected by numerous dendritically-patterned, ephemeral drainages of both the Green and White Rivers. Generally, local flora consists of native grasses such as salt grass, galleta grass, needle-and thread grass, Indian ricegrass; and woody species such as shadscale, horsebrush, black sagebrush, fringe sagebrush, big sagebrush, rabbitbrush, and greasewood along the dry drainages. Local fauna consists of mule deer, antelope, coyotes, rabbits, raptors, and various smaller vertebrate and invertebrate species.

There are no known threatened or endangered species that will be affected by implementation of operations on the proposed NBU #115 well location.

- B. Surface Use Activities: The primary surface use is for grazing.
- C. Proximity of Water, Occupied Dwellings, Archaeological, Historical or Cultural Sites:
1. The closest source of permanent water is the White River, located approximately 8.0 miles to the north-east.

12. Other Information:

C. Proximity of Water, Occupied Dwellings, Archaeological, Historical or Cultural Sites: Continued

2. The closest occupied dwellings are located in the town of Ouray, approximately 14.0 miles to north-west.
3. Coastal Oil & Gas Corporation will be responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites or for collecting artifacts. If historic or archaeological materials are uncovered, Coastal Oil & Gas Corporation will suspend all operations that might further disturb such materials and immediately contact the Authorized Officer.

Within five (5) working days the Authorized Officer will inform Coastal Oil & Gas Corporation as to:

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

If Coastal Oil & Gas Corporation wishes, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the Authorized Officer will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise, Coastal Oil & Gas Corporation will be responsible for mitigation costs.

The Authorized Officer will provide technical and procedural guidelines for the conduct of mitigation.

12. Other Information:

- C. Proximity of Water, Occupied Dwellings, Archaeological, Historical or Cultural Sites: Continued
3. Upon verification from the Authorized Officer that the required mitigation has been completed, Coastal Oil & Gas Corporation will then be allowed to resume construction.
- D. Additional Stipulations for Operations on Lands Administered by the Bureau of Land Management:
1. Coastal Oil & Gas Corporation will control noxious weeds along rights-of-way for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds may be obtained from the Bureau of Land Management, or the Uintah County Extension Office. On lands administered by the Bureau of Land Management, it is required that a "Pesticide Use Proposal" shall be submitted, and approval obtained, prior to the application of herbicides or other pesticides or possible hazardous chemicals for the control of noxious weeds.
 2. Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on federal lands after conclusion of drilling operations or at any other time without the proper authorization from the Bureau of Land Management. However, if BLM authorization is obtained, it is only a temporary measure to allow Coastal Oil & Gas Corporation the time to make arrangements for permanent storage at a commercial facility.
 3. No construction or drilling activities shall be conducted between May 15 and June 20 in order to protect crucial Antelope kidding areas.
 4. This area as been identified as having critical to severe soil erosion conditions. In order to minimize watershed damage, construction and drilling activities will not be allowed when soils are wet and/or muddy.

12. Other Information:

D. Additional Stipulations for Operations on Lands
Administered by the Bureau of Land Management: Cont.

5. Coastal Oil & Gas Corporation shall contact the Bureau of Land Management between 24 and 48 hours prior to commencement of construction activities on the access road and/or well location: (801) 789-1362.
6. The Bureau of Land Management shall be notified upon site completion and prior to moving drilling tools onto the location.

13. Lessee's or Operator's Representative and Certification:

Representative

Coastal Oil & Gas Corporation
Randy L. Bartley, Operations Manager
P.O. Box 749
Denver, Colorado 80201-0749
Phone: (303) 572-1121

Heitzman Drill-Site Services*
Dale Heitzman and/or Robert M. Anderson
P.O. Drawer 3579
Casper, Wyoming 82602
Phone: (307) 266-4840

* Contact for any additional information which may be required for approval of this Application for Permit to Drill.

Certification:

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

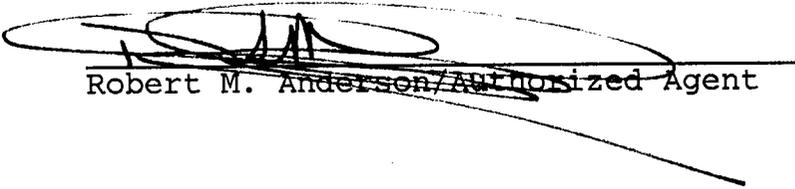
Coastal Oil & Gas Corporation will be fully responsible for the actions of their subcontractors. A complete copy of the approved Application for Permit to Drill will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

13. Lessee's or Operator's Representative and Certification:

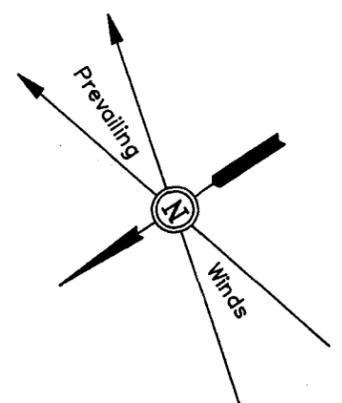
Certification: Continued

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Coastal Oil & Gas Corporation, its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

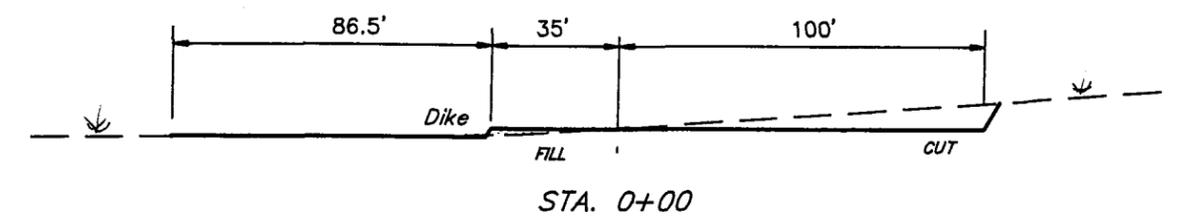
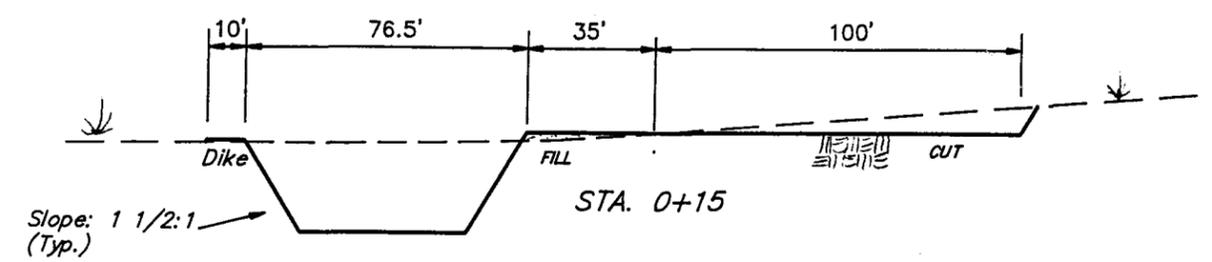
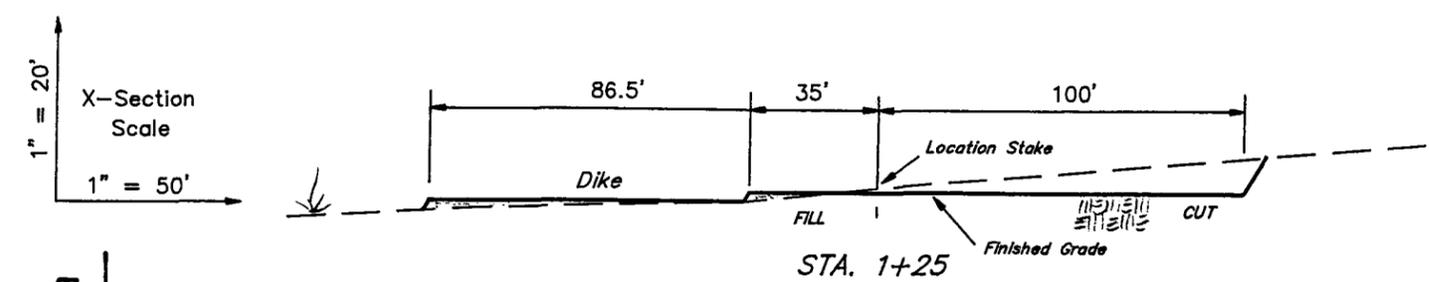
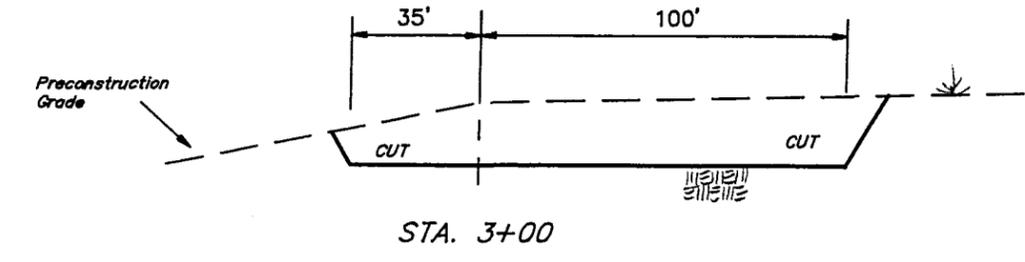
12 DECEMBER 1990
Date


~~Robert M. Anderson/Authorized Agent~~

COASTAL OIL & GAS
 LOCATION LAYOUT FOR
 NBU #115
 SECTION 10, T10S, R21E, S.L.B.&M.



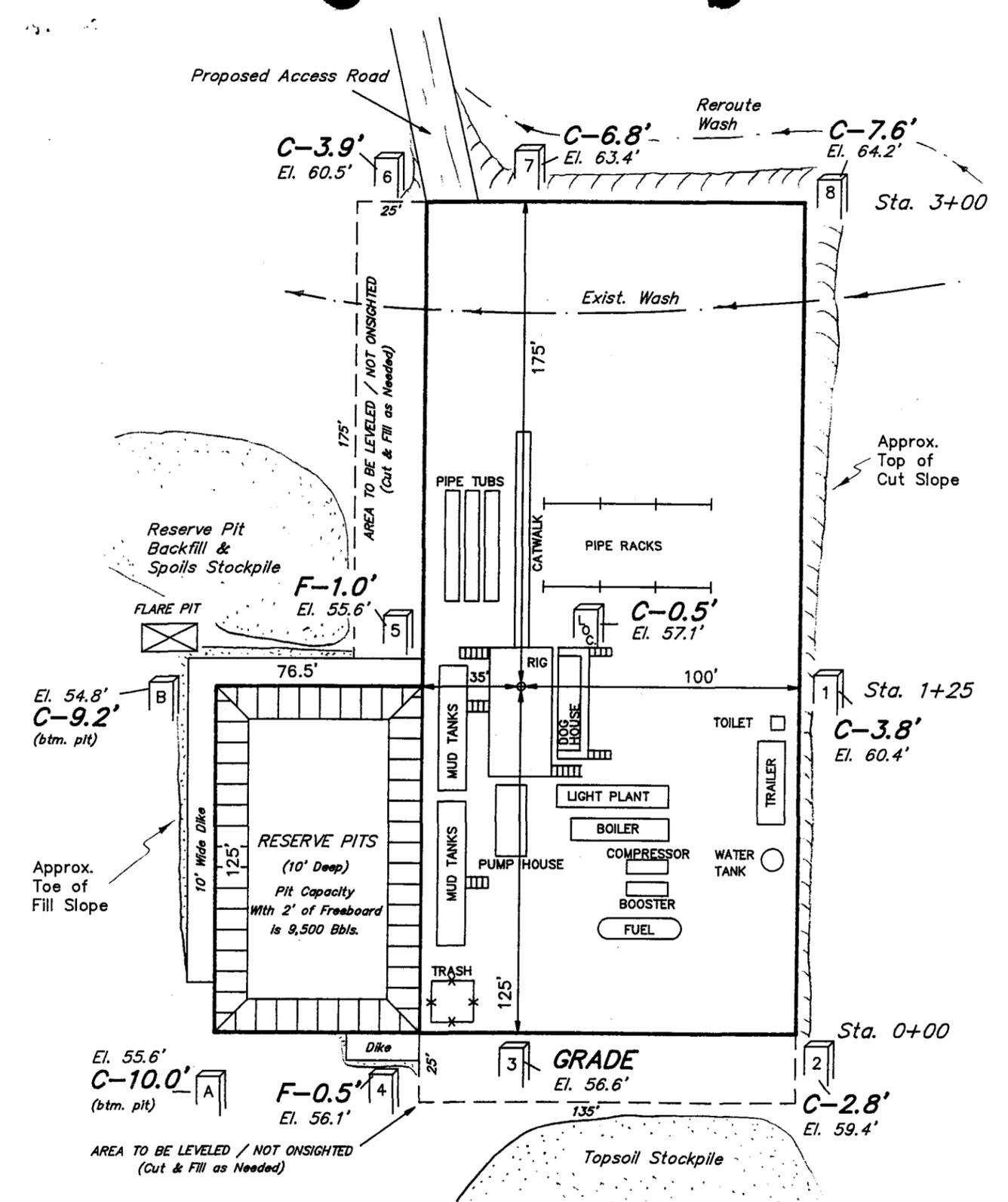
SCALE: 1" = 50'
 DATE: 10-14-90
 Drawn By: T.D.H.
 REVISED: 12-7-90



TYP. LOCATION LAYOUT TYP. CROSS SECTIONS

NOTES:
 Elev. Ungraded Ground At Loc. Stake = 5057.1'
 FINISHED GRADE ELEV. AT LOC. STAKE = 5056.6'

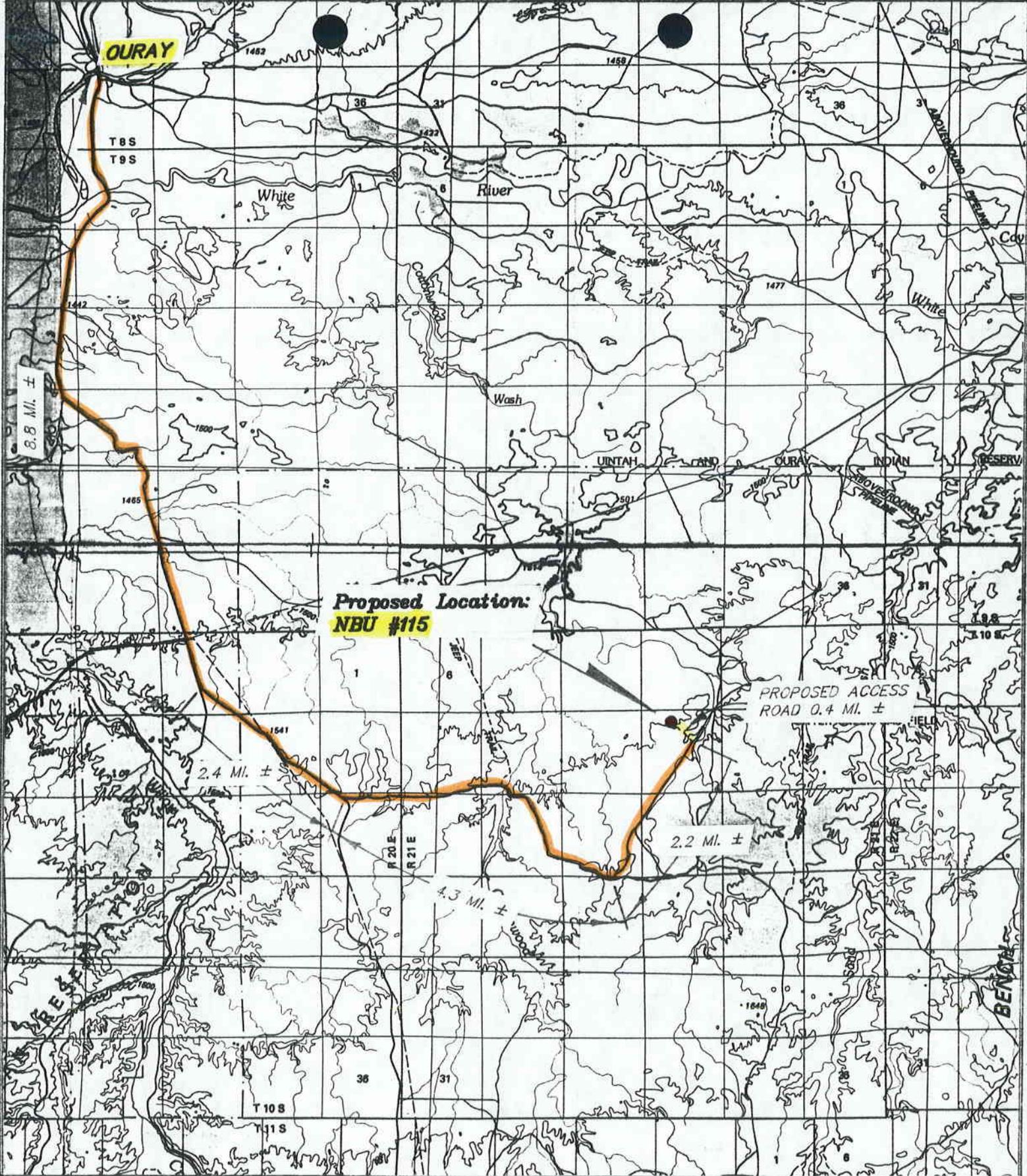
UINTAH ENGINEERING & LAND SURVEYING
 85 South 200 East Vernal, Utah



APPROXIMATE YARDAGES

CUT (6") Topsoil Stripping	= 1,000 Cu. Yds.	EXCESS MATERIAL AFTER 5% COMPACTION	= 6,220 Cu. Yds.
Remaining Location	= 5,460 Cu. Yds.	Topsoil & Pit Backfill (1/2 Pit Vol.)	= 2,220 Cu. Yds.
TOTAL CUT	= 6,460 CU.YDS.	EXCESS UNBALANCE (After Rehabilitation)	= 4,000 Cu. Yds.
FILL	= 230 CU.YDS.		

EXCESS MATERIAL AFTER 5% COMPACTION = 6,220 Cu. Yds.
 Topsoil & Pit Backfill (1/2 Pit Vol.) = 2,220 Cu. Yds.
 EXCESS UNBALANCE (After Rehabilitation) = 4,000 Cu. Yds.



TOPOGRAPHIC
MAP "A"

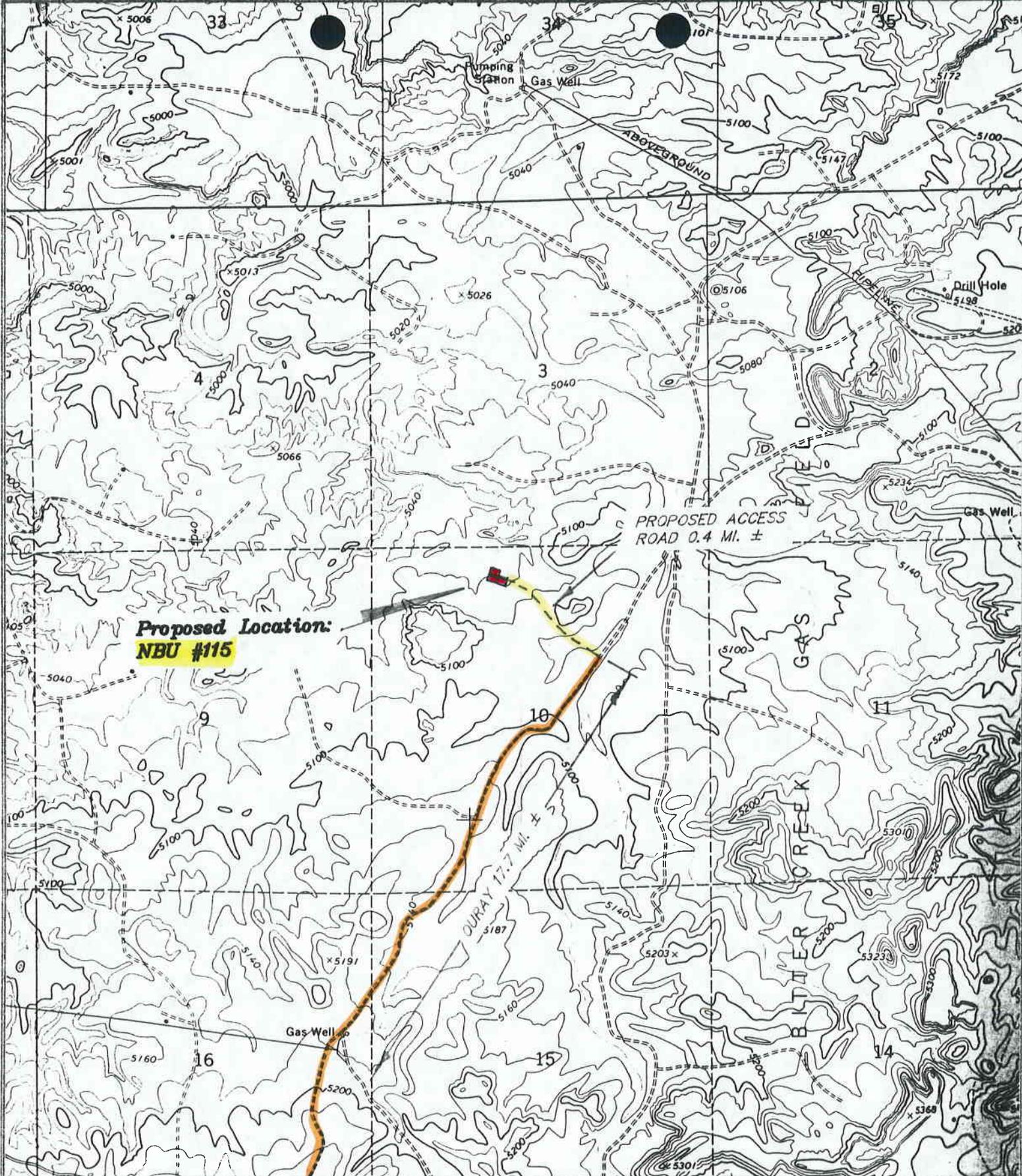
DATE 10-12-30



COASTAL OIL & GAS CORP.

NBU #115

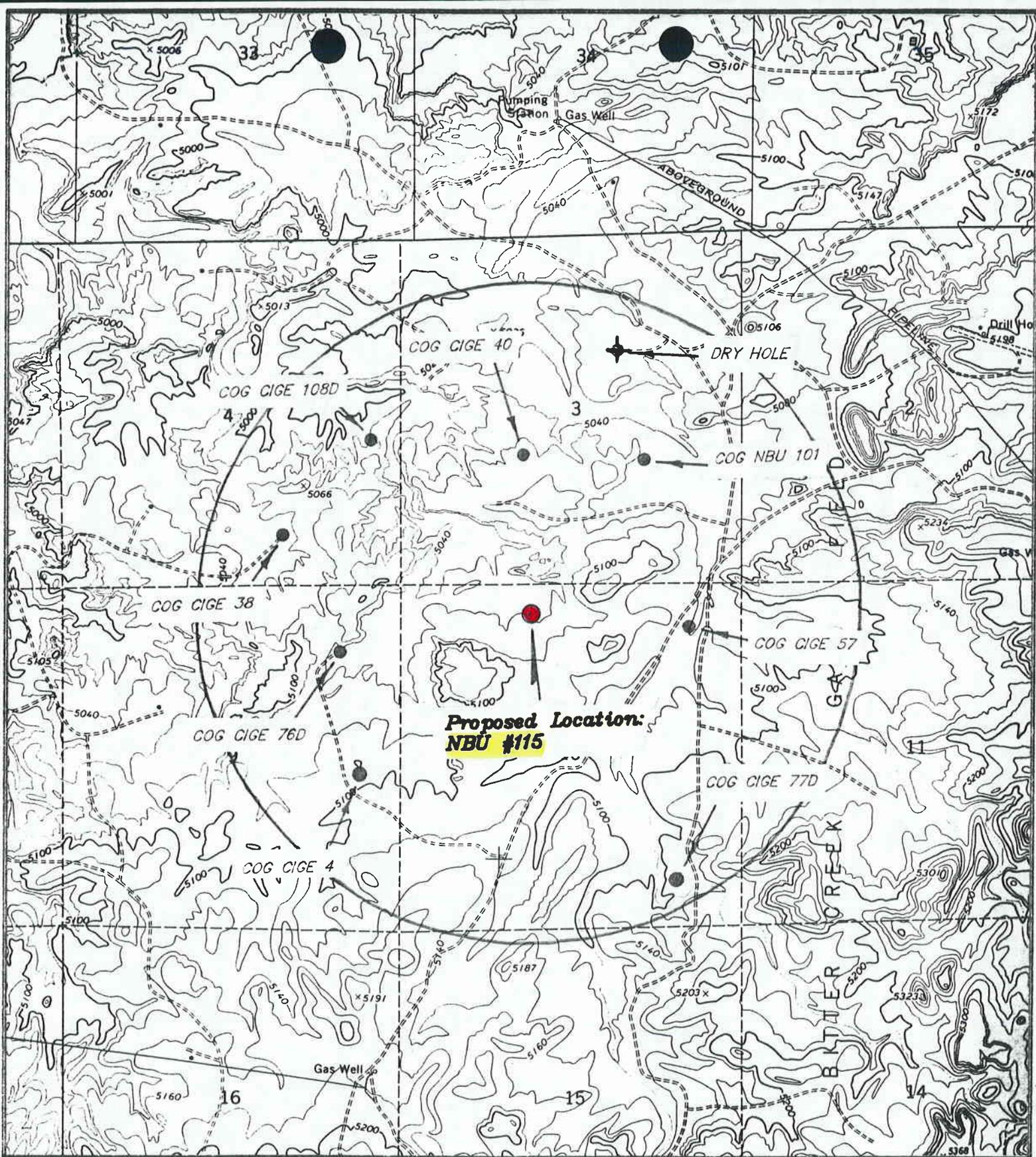
SECTION 10, T10S, R21E, S.L.B.&M.



**TOPOGRAPHIC
MAP "B"**
SCALE: 1" = 2000'
DATE 10-12-90



COASTAL OIL & GAS CORP.
NBU #115
SECTION 10, T10S, R21E, S.L.B.&M.



LEGEND:

- ◊ = Water Wells
- ◆ = Abandoned Wells
- ◐ = Temporarily Abandoned Wells
- ◑ = Disposal Wells
- = Drilling Wells
- = Producing Wells
- ◉ = Shut-in Wells



COASTAL OIL & GAS CORP.

NBU #115

SECTION 10, T10S, R21E, S.L.B.&M.

TOP O MAP "C"

DATE: 10-12-90

OPERATOR Coastal Oil (Gas) #0030 DATE 10-26-90

WELL NAME NBJ 115

SEC NENW 10 T 10S R 01E COUNTY Montah

43-047-31909
API NUMBER

Natural (1)
TYPE OF LEASE

CHECK OFF:

PLAT.

BOND

NEAREST WELL

LEASE

FIELD SLBM

POTASH OR OIL SHALE

PROCESSING COMMENTS:

1991 P.O.O. approved 10-00-90 by Dennis Thompson
State Permit 49-991 (A57530)
Oil shale area

APPROVAL LETTER:

SPACING:

R615-2-3

Natural Buttes
UNIT

R615-3-2

N/A
CAUSE NO. & DATE

R615-3-3

STIPULATIONS:

Oil shale stipulation



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Norman H. Bangerter
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

December 27, 1990

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

Gentlemen:

Re: NBU 115 - NE NW Sec. 10, T. 10S, R. 21E - Uintah County, Utah
496' FNL, 1987' FWL

Approval to drill the referenced well is hereby granted in accordance with Section 40-6-18, Utah Code Annotated, as amended 1983; and predicated on Rule R615-2-3, Oil and Gas Conservation General Rules, subject to the following stipulation:

1. Special attention is directed to compliance with Rule R615-3-31, which prescribes drilling procedures for designated oil shale areas.

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 an Entity Action Form 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 if it is necessary to plug and abandon the well. Notify R. J. Firth, Associate Director, (Office) (801) 538-5340, (Home) 571-6068, or Jim Thompson, Lead Inspector, (Home) 298-9318.
5. Compliance with the requirements of Rule R615-3-20, Gas Flaring or Venting, Oil and Gas Conservation General Rules.

Page 2
Coastal Oil & Gas Corporation
NBU 115
December 27, 1990

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 General Sanitation, telephone (801) 538-6121.
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 43-047-31929.

Sincerely,



R. J. Firth
Associate Director, Oil & Gas

tas
Enclosures
cc: Bureau of Land Management
J. L. Thompson
we14/1-14

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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
 496' FNL, 1987' FWL (NE&NW $\frac{1}{4}$) Section 10, T10S, R21E
 At proposed prod. zone
 Same as Above

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 Approximately fourteen (14) miles southeast of Ouray, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
 496'

16. NO. OF ACRES IN LEASE
 480

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.
 2,000' \pm

19. PROPOSED DEPTH
 5,650'

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 5,057' GR

22. APPROX. DATE WORK WILL START*
 March 10, 1991

5. LEASE DESIGNATION AND SERIAL NO.
 UTU-0149079

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 Not Applicable

7. UNIT AGREEMENT NAME
 Natural Buttes

8. FARM OR LEASE NAME
 NBU

9. WELL NO.
 115

10. FIELD AND POOL, OR WILDCAT
 Natural Buttes

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Section 10, T10S, R21E

12. COUNTY OR PARISH
 Uintah

13. STATE
 Utah

23. PROPOSED CASING AND CEMENTING PROGRAM (ALL NEW)

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, Circulated to Surface*
7-7/8"	5-1/2" K-55	17.0#	0-5,650'	545 sx, Circulated to Surface*

* Cement volumes may change due to hole size.
 Calculate from caliper log.

EIGHT-POINT RESOURCE PROTECTION PLAN ATTACHED

I hereby certify that Coastal Oil & Gas Corporation is authorized by the proper Lease Interest Owners to conduct lease operations associated with this Application for Permit to Drill the NBU#115, Federal Lease #UTU-0149079. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Coastal Oil & Gas Corporation, Nationwide Bond #CO-0018, who will be responsible for compliance with all the terms and conditions of that portion of the lease associated with this Application.

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 Randy Bartley TITLE Manager, Drilling & Prod. DATE 12/10/90
 (This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE JAN 18 1991
 APPROVED BY [Signature] TITLE ASSISTANT DISTRICT MANAGER MINERALS
 CONDITION OF APPROVAL, IF ANY: _____ DATE _____

NOTICE OF APPROVAL
 *See Instructions On Reverse Side

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

Ut080-1m24

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company Coastal Oil & Gas Corp.

Well No. 115-10-10-21

Location NENW, Sec. 10, T10S., R21E.

Lease No. U-0149079

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

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

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

A. DRILLING PROGRAM

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

Report ALL water shows and water-bearing sands to Tim Ingwell of this office. Copies of State of Utah Form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

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

2. Casing Program and Auxiliary Equipment

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

3. Mud Program and Circulating Medium

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

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

4. Coring, Logging and Testing Program

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

All Drill Stem Tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the Authorized Officer. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized, and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the Authorized Officer.

A cement bond log (CBL) shall be utilized to determine the top of cement (TOC) for the production casing.

5. Notifications of Operations

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

All site security regulations as specified in Onshore Oil and Gas Order No. 3 shall be adhered to.

6. Other Information

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

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

Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried or anchored down from the wellhead to the meter and 500 feet downstream of the meter run or any production facilities. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be

conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with the Onshore Oil and Gas Order No. 4 for liquid hydrocarbons and Onshore Oil and Gas Order No. 5 for natural gas measurement.

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

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

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

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

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

In the event after-hour approvals are necessary, please contact one of the following individuals:

Gerald E. Kenczka
Petroleum Engineer

(801) 781-1190

Ed Forsman
Petroleum Engineer

(801) 789-7077

BLM FAX Machine:

(801) 789-3634

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

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

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

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

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

Refinery wastes

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

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation, and miscellaneous solids.

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

Company/Operator: Coastal Oil and Gas
Well Name & Number: NBU 115
Lease Number: U-0149079
Location: NENW, Section 10, T10S., R21E.
Surface Ownership: BLM

Surface Stipulation

- A silt catchment dam and basin will be constructed according to BLM specifications approximately 100 yards north of the location, where flagged. Exact location will be determined when the location is constructed.

RECEIVED

MAR 18 1991

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

DIVISION OF
OIL GAS & MINING

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.

U-0149079

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

Natural Buttes Unit

8. Well Name and No.

NBU #115

9. API Well No.

43-047-31929 *dl*

10. Field and Pool, or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah County, Utah

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, Colorado 80201-0749 (303) 573-4476

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

496' FNL & 1987' FWL (NENW)
Section 10, T10S-R21E

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

TYPE OF SUBMISSION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

TYPE OF ACTION

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

(Note: Report results of multiple completion on Well Completion or Recommendation 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.)

1. MIRU Leon Ross Air Drilling. Spud well @ 9:00 A.M., 2/22/91. Drilled 12-1/4" hole to 265'. Ran 6 jts. 8-5/8", 24#, J55, ST&C csg. and set @ 260'. Cmt'd w/180 sx. Cl "G" + additives. Cmt. to surface.
2. MIRU CoastalDril #1. NU BOP and press test BOP to 2,000 psi, hydril & csg. to 1500 psi-OK. Spud well w/CoastalDril #1 rotary rig @ 4:00 A.M., 3/6/91. Drlg. ahead.

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

Signed

[Signature]

Title

Regulatory Analyst

Date

3-15-91

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

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

*See instruction on Reverse Side

ENTITY ACTION FORM - FORM 6

OPERATOR Coastal Oil & Gas Corporation

OPERATOR ACCT. NO. N0230

ADDRESS P. O. Box 749

Denver, Colorado 80201-0749

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	2900	2900	43-047-31929	NBU #115	NENW	10	10S	21E	Uintah	2/22/91	2/22/91
WELL 1 COMMENTS: <i>Federal-Lease (Prop. Zone-wstr)</i> <i>Field-Natural Buttes</i> <i>Unit-Natural Buttes</i> <i>Entity added 3-20-91. fee</i>											
A	2900	2900	43-047-31928 ^{del}	CIGE #117-34-9-227	SWNW	34	9S	22E	Uintah	3/1/91	3/1/91
WELL 2 COMMENTS: FOR CIG EXPLORATION <i>Federal-Lease (Prop. Zone-wstr)</i> <i>Field-Natural Buttes</i> <i>Unit-Natural Buttes</i> <i>Entity added 3-20-91. fee</i>											
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.

RECEIVED

MAR 18 1991

DIVISION OF
OIL GAS & MINING

Eileen Danni Dey
 Signature Eileen Danni Dey
 Regulatory Analyst 3/15/91
 Title Date

Phone No. (303) 573-4476

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.

UTU-0149079

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

Natural Buttes Unit

8. Well Name and No.

NBU #115

9. API Well No.

43-047-31929

10. Field and Pool, or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah County, Utah

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, Colorado 80201-0749 (303) 573-4476

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

496' FNL & 1987' FWL (NENW)
Section 10, T10S-R21E

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

TYPE OF SUBMISSION

Notice of Intent
 Subsequent Report
 Final Abandonment Notice

TYPE OF ACTION

Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other Report of Operations

Change of Plans
 New Construction
 Non-Routine Fracturing
 Water Shut-Off
 Conversion to Injection
 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.)*

Please see the attached chronological report for the drilling and completion operations on the above-referenced location.

RECEIVED

MAY 10 1991

DIVISION OF
OIL GAS & MINING

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

Signed

William Daniel Day

Title

Regulatory Analyst

Date

5/7/91

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

COASTAL OIL & GAS CORPORATION
CHRONOLOGICAL HISTORY

NBU #115
NATURAL BUTTES UNIT
UINTAH COUNTY, UTAH
COASTALDRIL #1
WI: 100% COGC AFE: 12933
ATD: 5660' (WASATCH) SD: 3/6/91
CSG: 8-5/8" @ 272'; 5-1/2" @ 5658'
DHC(M\$): 131.7

NE/NW SECTION 10-T10S-R21E

- 2/23/91 Drlg surf hole w/Leon Ross Air Drilling. Spud 9:00 a.m., 2/22/91.
- 2/24/91 265' WORT. Drld 12-1/4" hole to 265' w/Leon Ross Drilling on 2/22/91. Ran 6 jts (258.24') 8-5/8", 24#, J-55 ST&C csg. FC @ 215'; FS @ 260'. Cmt w/Western Co. 180 sx "G", 2% CaCl₂, 1/4#/sk Cellofill; displace w/FW. Bump plug to 800 psi. Float did not hold. 8 bbls cmt to pit, 300 psi left on csg. Cmt in place @ 8:00 p.m., 2/23/91. CC: \$13,854.
- 2/25/91 265' WORT. CC: \$13,854.
- 2/26/91-3/3/91 265' WORT. Will spud Tuesday, 3/5/91. CC: \$13,854.
- 3/4/91 265' MIRT Will spud Wednesday, 3/6/91.
- 3/5/91 265' MI RURT. Will spud late tonight, 3/5/91.
- 3/6/91 350' Drlg 90'/2 hrs. Spud well @ 4:00 a.m., 3/6/91. RURT. Press test BOP to 2000 psi, hydril and csg to 1500 psi, OK. PU BHA. Drill FC, cmt & shoe, drlg w/air. CC: \$52,135.
- 3/7/91 1570' Drlg 1220'/18 hrs. Drlg, RS & svy: 1/2 deg @ 798'. Drlg, TOH w/BHA, no air. TIH w/BHA. Work on booster. Drlg w/air & wtr. AIR 800 CFM. CC: \$62,467.
- 3/8/91 2900' Drlg 1330'/23 hrs. Drlg, svys, drlg w/aerated wtr. SVYS: 3/4 deg @ 1742'; 1 deg @ 2184'. PH 11.0, AIR 800 CFM. CC: \$73,625.
- 3/9/91 3950' Drlg 1050'/23 hrs. Drlg & svys. Drlg w/aerated wtr. pH 10.5, 400 CFM. CC: \$79,858.
- 3/10/91 4925' Drlg 975'/23.5 hrs. Drlg, RS, svy: 2 deg @ 4237'. Drlg w/aerated wtr. pH 10.5, 600 CFM. CC: \$86,729.
- 3/11/91 5440' Drlg 515'/16.5 hrs. Drlg, circ & blow hole, svy. TFNB, SLM - no corr. LD shock sub. TIH, fill pipe & break circ - no fill. Drlg w/aerated wtr. SVY: 1/2 deg @ 5020'. pH 10.0, 800 CFM. CC: \$97,222.
- 3/12/91 5660' Running E logs. 220'/8.5 hrs. Drlg, blow hole & circ w/wtr. Short trip 20 stds, OK - 10' fill. circ, displ hole w/300 bbls 10.0 ppg brine. POOH for E logs. RU Atlas WL services. run DLL-CAL-GR-FDC-CNL from TD to surf csg, GR to surf. FDC & CNL quit on btm. Logger's TD @ 5648'. Rerunning FDC-CNL. MW 10.0, VIS 27, WL N/C. CC: \$107,715.
- 3/13/91 5660' RDRT fin running FDC-CNL from TD to 2500', RD logger's. TIH, RU T-M LD machine. LD DP, break kelly. LD DC's. RU csg crew & run 5-1/2" csg: 132 jts (5674.34') 5-1/2", 17#, K-55, LT&C. FS @ 5658'; FC @ 5613', 10 centralizers. RU Howco, wash 26' to btm. Circ w/FW, no returns. Cmt w/600 sx Silicalite, 4% gel, 0.4% CaCl₂, 0.3% Halad 413, 3#/sk Capseal, 1/4#/sk Flocele, 11.0 ppg, 2.82 cu ft/sk; 490 sx "G" w/0.3% Halad 413, 0.2% Super CBL, 1#/sk Capseal, 1/4#/sk flocele, 15.6 ppg, 1.18 cu ft/sk. Drop plug. Displace w/130 bbls FW. Bump plug w/2000 psi @ 10:15 p.m., 3/12/91. floats held OK. No returns throughout job. Good lift (1100 psi) throughout. ND BOP, set slips w/105M#, st. wt. = 105M#. Cut off 5-1/2" csg. RR @ 1:00 a.m., 3/13/91. RDRT. CC: \$202,835. FINAL DRLG REPT.

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

Page 2

NBU #115
NE/NW SECTION 10, T10S, R21E
NATURAL BUTTES UNIT
UINTAH COUNTY, UTAH
WI: 100.0% COGC AFE: 12933
TD: 5660' (WASATCH)
SD: 3/6/91
CSG: 5-1/2" @ 5658'
PERFS: 4634'-5557'
CWC(M\$): \$320.9

3/19/91 Prep to drill out cmt. Clean up location. Install anchors. MIRU
CU. TIH w/4-3/4" bit and tubing. Tag cmt @ 5529'. RU to drill.
DC: \$5,476 TC: \$208,311

3/20/91 Prep to run CBL. RU power swivel. Drill out cmt to 5621' (FC).
Circ hole clean.
DC: \$19,730 TC: \$228,041

3/21/91 Prep to break down perfs. RU OWP. Run CBL log 5620' to sfc, TOC @
1620'. Pressure test csg to 5000 psi. Perf Wasatch 4634' to 5557'
w/15 holes. RIH w/tubing. Set @ 4479', SN @ 4449'.
DC: \$7,009 TC: \$235,050

3/22/91 Swab well. No pressure on well. RU Western. Break down perfs w/100
bbls 3% KCl w/30 ball sealers. AIR 5 BPM, AIP 5000 psi. Balled off,
ISIP 2500 psi. RU to swab. Recover 125 BF in 25 runs. 110 BLTR.
DC: \$3,640 TC: \$238,690

3/23/91 Swab well. SITP 350, SICP 150. Swab 30 BF in 18 runs. Drop in soap
stick. FFL @ SN.
DC: \$1,725 TC: \$240,415

3/24/91 Swab well. SITP 450 psi, SICP 350 psi. Open tbg, flwd 5-10 bbls.
Made 5 swb runs, recovered 5 BF. Drop 2 soap sticks. SI at noon.
65 BLTR.
DC: \$13,959 TC: \$254,374

3/25/91 Flow testing. Open to pit. Flwg 75 MCFD w/300 psi FTP, 6/64" chk.
DC: \$850 TC: \$255,224

3/26/91 Flow testing 60 MCFD, 200 psi FTP, 6/64" choke. SI for pressure
buildup.

3/27/91 SITP 853 psi.
3/28/91 SITP 1270 psi.
3/29/91 SITP 1515 psi.
3/30/91 SITP 1678 psi.
3/31/91 SITP 1740 psi.
4/1/91 SITP 1775 psi.
4/2/91 SITP 1802 psi.
4/3/91 SITP 1819 psi.
4/4/91 SITP 1835 psi.
4/5/91 SITP 1850 psi.
4/6/91 SITP 1862 psi.
4/7/91 SITP 1872 psi.
4/8/91 SITP 1879 psi.
4/9/91 SITP 1886 psi.
4/10/91 SITP 1888 psi.
4/11/91 SITP 1892 psi.

4/12/91 SITP 1894 psi. Cmt 8-5/8" x 5-1/2" annulus as follows: Pump 20 bbls
LCM pill. Pump 55 sxs Super "G" w/.7% CF2, 2% CaCl₂, 1/4#/sx Cello
Seal, 3#/sx Hi-Seal. Pump 200 sx Super "G" w/.7% CF2, 2% CaCl₂.
Filled csg to sfc valve.
DC: \$6,943 TC: \$262,167

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

Page 3

NBU #115
NE/NW SECTION 10, T10S, R21E
NATURAL BUTTES UNIT
UINTAH COUNTY, UTAH
WI: 100.0% COGC AFE: 12933

4/13/91	SITP 1898 psi.
4/14/91	SITP 1900 psi.
4/15/91	SITP 1900 psi.
4/16/91	SITP 1901 psi.
4/17/91	SITP 1903 psi.
4/18/91	SITP 1903 psi.
4/19/91	SITP 1905 psi. Remove pressure recorder.
4/20/91	Shut-in, waiting on frac. <u>Drop from report until further activity.</u>

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

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

2. NAME OF OPERATOR
Coastal Oil & Gas Corporation

3. ADDRESS OF OPERATOR
P. O. Box 749, Denver, Colorado 80201-0749 (303) 573-4476

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 496' FNL & 1987' FWL (NENW)

At top prod. interval reported below Same as above

At total depth Same as above

14. PERMIT NO. 43-047-31929 DATE ISSUED 12/27/90

5. LEASE DESIGNATION AND SERIAL NO.

UTU-0149079

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.
#115

10. FIELD AND POOL, OR WILDCAT
Natural Buttes

11. SEC. T. R., M., OR BLOCK AND SURVEY OR AREA

Section 10, T10S-R21E

12. COUNTY OR PARISH Uintah 13. STATE Utah

15. DATE SPUNDED 2/22/91 16. DATE T.D. REACHED 3/11/91 17. DATE COMPL. (Ready to prod.) 3/25/91 18. ELEVATIONS (DF. RKB. RT. GR. ETC.)* 5057' GR, 5069' KB 19. ELEV. CABINGHEAD

20. TOTAL DEPTH, MD & TVD 5660' 21. PLUG. BACK T.D., MD & TVD 5620' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY SFC-TD ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4634-5557' Wasatch 25. WAS DIRECTIONAL SURVEY MADE NO

26. TYPE ELECTRIC AND OTHER LOGS RUN FDC-CNL, CBL-CCL-GR, DLL-GR 4-A-91 27. WAS WELL CORED NO

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#	272'	12-1/4"	180 sx Cl "G" + additives	NONE
5-1/2"	17#	5,658'	7-7/8"	1090 sx Silicalite + Cl"G"	NONE
				255 sx Super "G" + additives	
				(See chrono for Bullhead squeeze.)	

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	4479'	N/A

31. PERFORATION RECORD (Interval, size and number)

1 JSPF w/4" csg gun @ following depths:
4634' 5387' 5482'
5050' 5391' 5484'
5359' 5394' 5486'
5381' 5405' 5555'
5384' 5407' 5557'

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4634-5557'	100 BBLS 3% KCL w/30 BS

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
3/24/91	Flowing	SI					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
3/25/91	24	6/64"	→	0	60	0	N/A
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
200	300	→	0	60	0	N/A	

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

SIWOPLC

TEST WITNESSED BY

L. Miller

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 Day

TITLE

Regulatory Analyst

DATE

5-24-91

*(See Instructions and Spaces for Additional Data on Reverse Side)

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	TOP TRUE VERT. DEPTH
			<p>RECEIVED</p> <p>MAY 31 1991</p> <p>DIVISION OF OIL GAS & MINING</p>	Wasatch Formation	4552'	4552'

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

NBU #115
NE/NW SECTION 10, T10S, R21E
NATURAL BUTTES UNIT
UINTAH COUNTY, UTAH
WI: 100.0% COGC AFE: 12933

Page 3

4/13/91	SITP 1898 psi.
4/14/91	SITP 1900 psi.
4/15/91	SITP 1900 psi.
4/16/91	SITP 1901 psi.
4/17/91	SITP 1903 psi.
4/18/91	SITP 1903 psi.
4/19/91	SITP 1905 psi. Remove pressure recorder.
4/20/91	Shut-in, waiting on frac. <u>Drop from report until further activity.</u>

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

Page 2

NBU #115
NE/NW SECTION 10, T10S, R21E
NATURAL BUTTES UNIT
UINTAH COUNTY, UTAH
WI: 100.0% COGC AFE: 12933
TD: 5660' (WASATCH)
SD: 3/6/91
CSG: 5-1/2" @ 5658'
PERFS: 4634'-5557'
CWC(M\$): \$320.9

- 3/19/91 Prep to drill out cmt. Clean up location. Install anchors. MIRU CU. TIH w/4-3/4" bit and tubing. Tag cmt @ 5529'. RU to drill.
DC: \$5,476 TC: \$208,311
- 3/20/91 Prep to run CBL. RU power swivel. Drill out cmt to 5621' (FC). Circ hole clean.
DC: \$19,730 TC: \$228,041
- 3/21/91 Prep to break down perfs. RU OWP. Run CBL log 5620' to sfc, TOC @ 1620'. Pressure test csg to 5000 psi. Perf Wasatch 4634' to 5557' w/15 holes. RIH w/tubing. Set @ 4479', SN @ 4449'.
DC: \$7,009 TC: \$235,050
- 3/22/91 Swab well. No pressure on well. RU Western. Break down perfs w/100 bbls 3% KCl w/30 ball sealers. AIR 5 BPM, AIP 5000 psi. Balled off, ISIP 2500 psi. RU to swab. Recover 125 BF in 25 runs. 110 BLTR.
DC: \$3,640 TC: \$238,690
- 3/23/91 Swab well. SITP 350, SICP 150. Swab 30 BF in 18 runs. Drop in soap stick. FFL @ SN.
DC: \$1,725 TC: \$240,415
- 3/24/91 Swab well. SITP 450 psi, SICP 350 psi. Open tbg, flwd 5-10 bbls. Made 5 swb runs, recovered 5 BF. Drop 2 soap sticks. SI at noon. 65 BLTR.
DC: \$13,959 TC: \$254,374
- 3/25/91 Flow testing. Open to pit. Flwg 75 MCFD w/300 psi FTP, 6/64" chk.
DC: \$850 TC: \$255,224
- 3/26/91 Flow testing 60 MCFD, 200 psi FTP, 6/64" choke. SI for pressure buildup.
- 3/27/91 SITP 853 psi.
3/28/91 SITP 1270 psi.
3/29/91 SITP 1515 psi.
3/30/91 SITP 1678 psi.
3/31/91 SITP 1740 psi.
4/1/91 SITP 1775 psi.
4/2/91 SITP 1802 psi.
4/3/91 SITP 1819 psi.
4/4/91 SITP 1835 psi.
4/5/91 SITP 1850 psi.
4/6/91 SITP 1862 psi.
4/7/91 SITP 1872 psi.
4/8/91 SITP 1879 psi.
4/9/91 SITP 1886 psi.
4/10/91 SITP 1888 psi.
4/11/91 SITP 1892 psi.
- 4/12/91 SITP 1894 psi. Cmt 8-5/8" x 5-1/2" annulus as follows: Pump 20 bbls LCM pill. Pump 55 sxs Super "G" w/.7% CF2, 2% CaCl₂, 1/4#/sx Cello Seal, 3#/sx Hi-Seal. Pump 200 sx Super "G" w/.7% CF2, 2% CaCl₂. Filled csg to sfc valve.
DC: \$6,943 TC: \$262,167

COASTAL OIL & GAS CORPORATION
CHRONOLOGICAL HISTORY

NBU #115
NATURAL BUTTES UNIT
UINTAH COUNTY, UTAH
COASTALDRIL #1
WI: 100% COGC AFE: 12933
ATD: 5660' (WASATCH) SD: 3/6/91
CSG: 8-5/8" @ 272'; 5-1/2" @ 5658'
DHC(M\$): 131.7

NE/NW SECTION 10-T10S-R21E

- 2/23/91 Drlg surf hole w/Leon Ross Air Drilling. Spud 9:00 a.m., 2/22/91.
- 2/24/91 265' WORT. Drld 12-1/4" hole to 265' w/Leon Ross Drilling on 2/22/91. Ran 6 jts (258.24') 8-5/8", 24#, J-55 ST&C csg. FC @ 215'; FS @ 260'. Cmt w/Western Co. 180 sx "G", 2% CaCl₂, 1/4#/sk Cellofill; displace w/FW. Bump plug to 800 psi. Float did not hold. 8 bbls cmt to pit, 300 psi left on csg. Cmt in place @ 8:00 p.m., 2/23/91. CC: \$13,854.
- 2/25/91 265' WORT. CC: \$13,854.
- 2/26/91-3/3/91 265' WORT. Will spud Tuesday, 3/5/91. CC: \$13,854.
- 3/4/91 265' MIRT Will spud Wednesday, 3/6/91.
- 3/5/91 265' MI RURT. Will spud late tonight, 3/5/91.
- 3/6/91 350' Drlg 90'/2 hrs. Spud well @ 4:00 a.m., 3/6/91. RURT. Press test BOP to 2000 psi, hydril and csg to 1500 psi, OK. PU BHA. Drill FC, cmt & shoe, drlg w/air. CC: \$52,135.
- 3/7/91 1570' Drlg 1220'/18 hrs. Drlg, RS & svy: 1/2 deg @ 798'. Drlg, TOH w/BHA, no air. TIH w/BHA. Work on booster. Drlg w/air & wtr. AIR 800 CFM. CC: \$62,467.
- 3/8/91 2900' Drlg 1330'/23 hrs. Drlg, svys, drlg w/aerated wtr. SVYS: 3/4 deg @ 1742'; 1 deg @ 2184'. PH 11.0, AIR 800 CFM. CC: \$73,625.
- 3/9/91 3950' Drlg 1050'/23 hrs. Drlg & svys. Drlg w/aerated wtr. pH 10.5, 400 CFM. CC: \$79,858.
- 3/10/91 4925' Drlg 975'/23.5 hrs. Drlg, RS, svy: 2 deg @ 4237'. Drlg w/aerated wtr. pH 10.5, 600 CFM. CC: \$86,729.
- 3/11/91 5440' Drlg 515'/16.5 hrs. Drlg, circ & blow hole, svy. TFNB, SLM - no corr. LD shock sub. TIH, fill pipe & break circ - no fill. Drlg w/aerated wtr. SVY: 1/2 deg @ 5020'. pH 10.0, 800 CFM. CC: \$97,222.
- 3/12/91 5660' Running E logs. 220'/8.5 hrs. Drlg, blow hole & circ w/wtr. Short trip 20 stds, OK - 10' fill. circ, displ hole w/300 bbls 10.0 ppg brine. POOH for E logs. RU Atlas WL services. run DLL-CAL-GR-FDC-CNL from TD to surf csg, GR to surf. FDC & CNL quit on btm. Logger's TD @ 5648'. Rerunning FDC-CNL. MW 10.0, VIS 27, WL N/C. CC: \$107,715.
- 3/13/91 5660' RDRT fin running FDC-CNL from TD to 2500', RD logger's. TIH, RU T-M LD machine. LD DP, break kelly. LD DC's. RU csg crew & run 5-1/2" csg: 132 jts (5674.34') 5-1/2", 17#, K-55, LT&C. FS @ 5658'; FC @ 5613', 10 centralizers. RU Howco, wash 26' to btm. Circ w/FW, no returns. Cmt w/600 sx Silicalite, 4% gel, 0.4% CaCl₂, 0.3% Halad 413, 3#/sk Capseal, 1/4#/sk Flocele, 11.0 ppg, 2.82 cu ft/sk; 490 sx "G" w/0.3% Halad 413, 0.2% Super CBL, 1#/sk Capseal, 1/4#/sk flocele, 15.6 ppg, 1.18 cu ft/sk. Drop plug. Displace w/130 bbls FW. Bump plug w/2000 psi @ 10:15 p.m., 3/12/91. floats held OK. No returns throughout job. Good lift (1100 psi) throughout. ND BOP, set slips w/105M#, st. wt. = 105M#. Cut off 5-1/2" csg. RR @ 1:00 a.m., 3/13/91. RDRT. CC: \$202,835. FINAL DRLG REPT.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.

UTU-0149079

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or U.A. Agreement Designation

Natural Buttes Unit

8. Well Name and No.

NBU #115

9. API Well No.

43-047-31929

10. Field and Pool, or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah County, Utah

SUBMIT IN TRIPLICATE

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)

496' FNL & 1987' FWL (NE/NW)
Section 10, T10S-R21E

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

TYPE OF SUBMISSION

TYPE OF ACTION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other Pipeline ROW

- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- Dispose Water

(Note: Report return of decommissioned or well completion or abandonment 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 measures 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 #115 gas well and tie into the existing gas pipeline. This right-of-way will be located in Section 10, T10S-R21E within lease #UTU-0149079 and within the Natural Buttes Unit boundaries. Coastal requests a 30' width easement with a total slope distance of ±1629'. 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.

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

DATE: 11-21-91
BY: [Signature]

RECEIVED

OCT 09 1991

DIVISION OF
OIL GAS & MINING

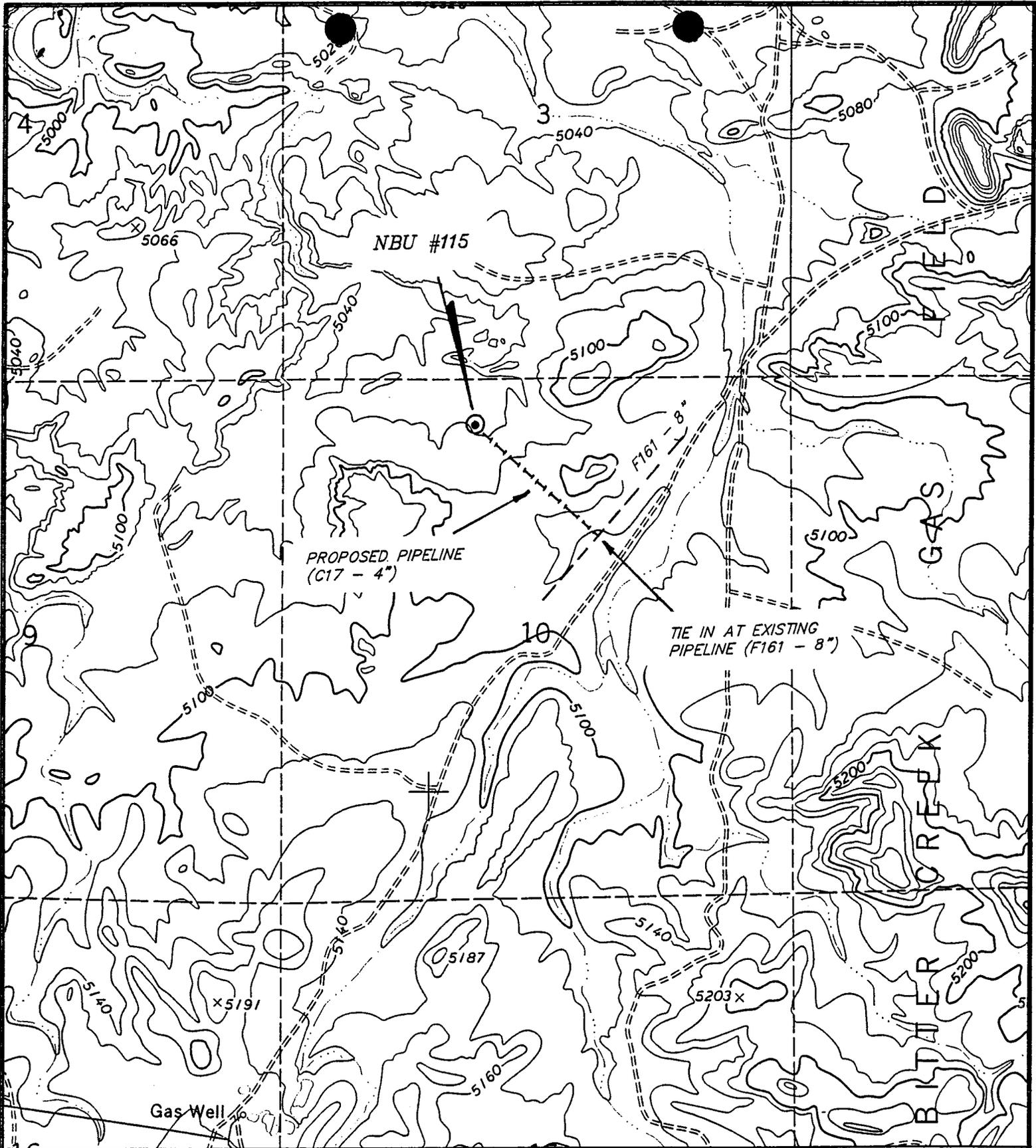
14. I hereby certify that the foregoing is true and correct

Signed: [Signature] Title: Regulatory Analyst

Date: 10/4/91

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:



TOTAL PIPELINE SLOPE DISTANCE = 1,629'

**TOPOGRAPHIC
MAP**

LEGEND

- EXISTING PIPELINE
- Proposed Pipeline



COASTAL OIL & GAS CORP.

PROPOSED PIPELINE RIGHT-OF-WAY FOR
NBU #115
SECTION 10, T10S, R21E, S.L.B.&M.

DATE 9-26-91



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Description and Serial No.

UTU-0149079

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or U.A. Agreement Description

Natural Buttes Unit

8. Well Name and No.

NBU #115

9. API Well No.

43-047-31929

10. Field and Pool, or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah County, Utah

SUBMIT IN TRIPLICATE

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)

496' FNL & 1987' FWL (NE/NW)
Section 10, T10S-R21E

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

TYPE OF SUBMISSION

TYPE OF ACTION

Notice of Intent

Subsequent Report

Final Abandonment Notice

Abandonment

Recommendation

Plugging Back

Casing Repair

Altering Casing

Other Pipeline ROW

Change of Plans

New Construction

Non-Routine Fracturing

Water Shut-Off

Conversion to Injection

Dispose Water

(Note: Report forms for abandonment on well completion or abandonment of well 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 measures 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 #115 gas well and tie into the existing gas pipeline. This right-of-way will be located in Section 10, T10S-R21E within lease #UTU-0149079 and within the Natural Buttes Unit boundaries. Coastal requests a 30' width easement with a total slope distance of ±1629'. 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.

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

DATE: 3-9-92

BY: J.A. Matthews

RECEIVED

OCT 09 1991

DIVISION OF
OIL GAS & MINING

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

Signed: Lillian Dawni Day Title: Regulatory Analyst

Date: 10/4/91

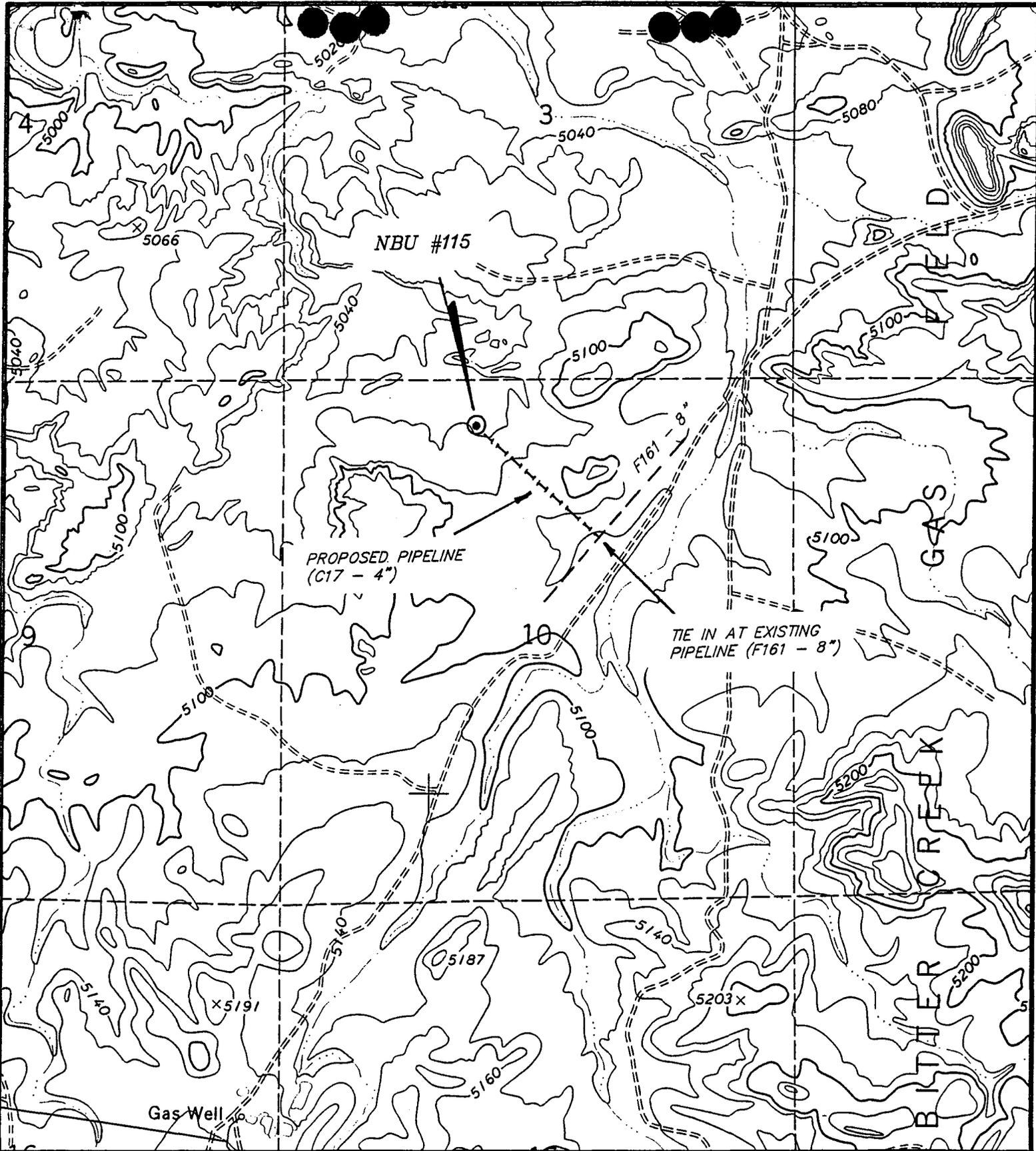
(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:



TOTAL PIPELINE SLOPE DISTANCE = 1,629'

**TOPOGRAPHIC
MAP**

LEGEND

- EXISTING PIPELINE
- |-|-|-|- Proposed Pipeline



COASTAL OIL & GAS CORP.

PROPOSED PIPELINE RIGHT-OF-WAY FOR
NBU #115

SECTION 10, T10S, R21E, S.L.B.&M.

DATE 9-26-91

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

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)
 496' FNL & 1987' FWL (NE/NW)
 Section 10, T10S-R21E

5. Lease Designation and Serial No.
 UTU-0149079

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

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

8. Well Name and No.
 NBU #115

9. API Well No.
 43-047-31929

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 type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" 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 <u>Fracture Treat</u>
	<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.)*

Please see the attached chronological history for the fracture stimulation procedure performed on the above referenced well.

RECEIVED

JAN 10 1992

DIVISION OF
OIL GAS & MINING

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

Signed *Colleen Danni Dey* Title Regulatory Analyst Date 1/7/92
(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
 Conditions of approval, if any: _____

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

PRODUCTION REPORT

CHRONOLOGICAL HISTORY

NBU #115
NE/NW SECTION 10, T10S, R21E
NATURAL BUTTES UNIT
UINTAH COUNTY, UTAH
WI: 100.0% COGC AFE: 12933

Page 3

- 12/5/91 Flow back after frac. Frac well w/90,000 gals gelled KCl wtr w/173,250# sand w/30% CO₂. Pump pad and 5 stages of sand from 1 to 5 ppg. Drop 7 BS's. Pump pad and 5 stages of sand from 1 to 5 ppg. AIR 35 BPM @ 3900 psi 1st frac, 25 BPM @ 4300 psi 2nd frac. ISIP 2150 psi, 15 min 2100 psi. Tagged sand w/isotope.
DC: \$76,665 TC: \$338,832
- 12/6/91 Flwg 1500 MCFD CO₂, FTP 1500 psi, CP 900 psi, 16/64" choke, 2 BWPH.
- 12/7/91 Flwg 2800 MCFD, FTP 1900 psi, CP 1100 psi, 16/64" choke, 5 BWPD. Gas will burn.
- 12/8/91 SI, WOPLC. Flwg 2800 MCFD, FTP 1900 psi, CP 1100 psi, 16/64" choke, 5 BWPD. Drop from report until further activity.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.
UTU-0149079

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

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

8. Well Name and No.
NBU #115

9. API Well No.
43-047-31929

10. Field and Pool, or Exploratory Area
Natural Buttes

11. County or Parish, State
Uintah County, Utah

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)
 496' FNL & 1987' FWL (NE/NW)
 Section 10, T10S-R21E

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" 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 Report of 1st Sales
	<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.)*

The above referenced well was connected to CIG's gas salesline and 1st sales occurred at 3:00 p.m., 1/16/92, with a rate of 508 MCFD, FTP 1900 psi, SICP 1400 psi on 9/64" choke.

RECEIVED

JAN 29 1992

DIVISION OF
OIL GAS & MINING

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

Signed *Robert D. Smith* Title Regulatory Analyst Date 1/24/92

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
 Conditions of approval, if any: _____

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

*See instruction on Reverse Side

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 Expiory 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

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other NTL, 2B; IV

- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- 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.

- 1) These wells are completed in the Wasatch formation and produce less than 5 barrels of water per day on a monthly basis.
- 2) 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.)
- 3) The average evaporation rate for the area compensated for annual rainfall is 70" per year.
- 4) The estimated percolation rate based on the soil characteristics under and adjacent to the pits is 2-6" per hour.
- 5) The depth of usable water aquifers in this area is approximately 1500'.

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

Signed [Signature]
(This space for Federal or State office use)

Title Regulatory Analyst

Date 4/14/92

Approved by _____
Conditions of approval, if any:

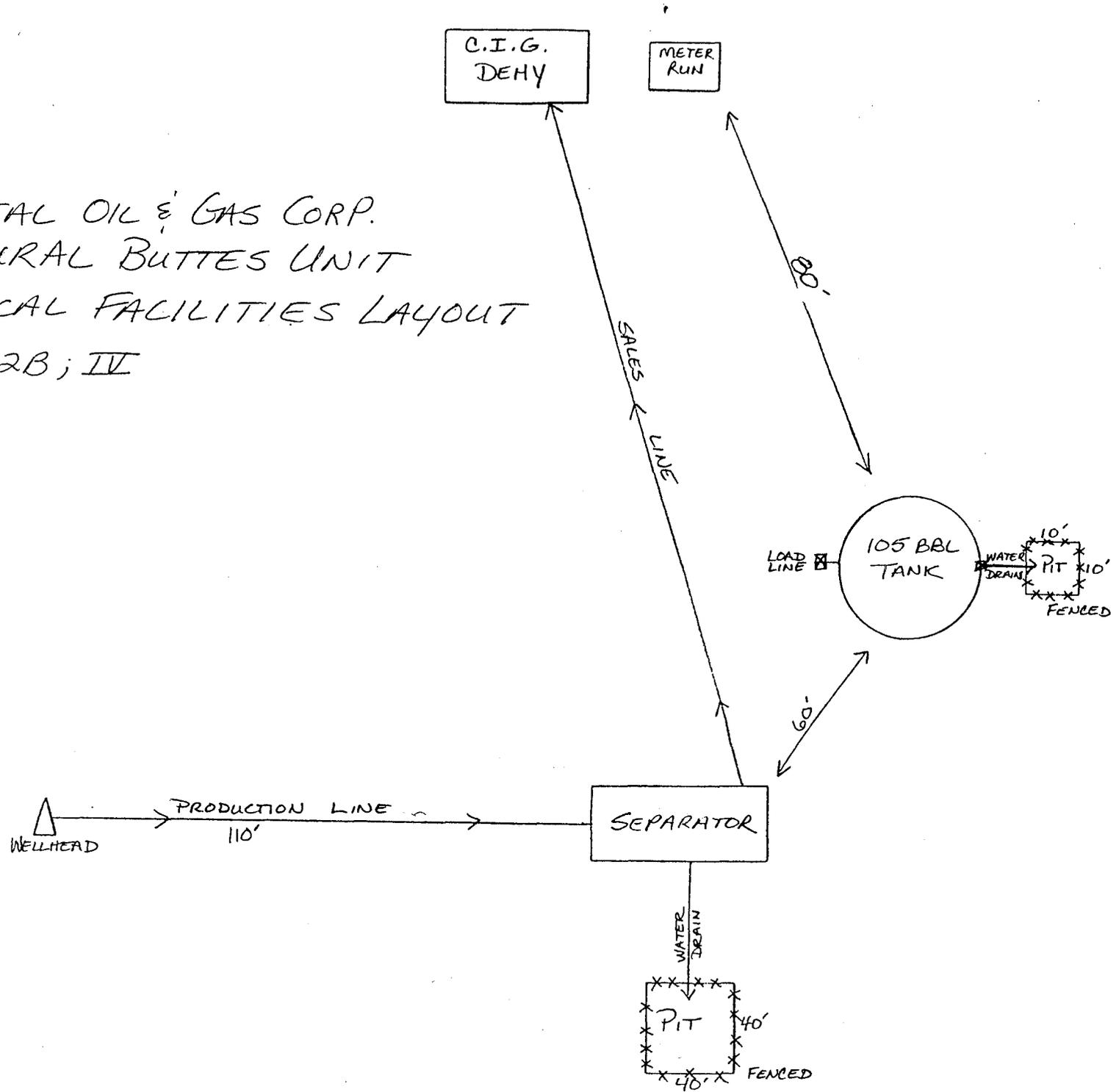
Title _____

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

Date: 4-29-92

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			RGE	STATE OR BLM		API NUMBER
	QUAD	SEC	TWP		LEASE #	SURFACE	
NBU #103	SENW	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	SENW	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	SENW	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	SENW	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	SENW	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	SENW	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	SENW	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			RGE	STATE OR BLM		API NUMBER
	QUAD	SEC	TWP		LEASE #	SURFACE	
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	SESW	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	SESW	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 ✓	SESW	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		API NUMBER
	QUAD	SEC	TWP	RGE	LEASE #	SURFACE	
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	SENW	2	10	21	ST ML-22652	STATE	43-047-

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. UTU-0149079
2. Name of Operator Coastal Oil & Gas Corporation	6. If Indian, Alottee or Tribe Name N/A
3. Address and Telephone No. P. O. Box 749, Denver, CO 80201-0749 (303) 573-4476	7. If Unit or CA, Agreement Designation Natural Buttes Unit
4. Location of Well (Footage, Sec., T., R., M., Or Survey Description) 496' FNL & 1987' FWL Section 10-T10S-R21E	8. Well Name and No. NBU-115-10-10-21
	9. API Well No. 43-047-31929
	10. Field and Pool, Or Exploratory Area Natural Buttes Field
	11. County or Parish, State Uintah County, Utah

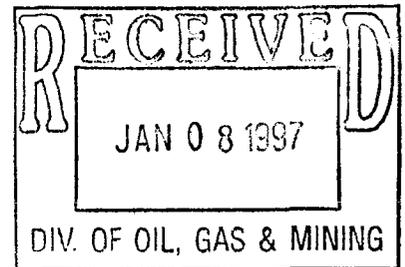
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other <u>clean out, acidize, lower tubing and install PLE</u>	<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 markets and zones pertinent to this work.)*

Clean out, acidize existing perforations, lower tubing, and install PLE



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

Signed Sheila Bremer Title Environmental & Safety Analyst Date 01/02/97
Sheila Bremer

(This space for Federal or State office use)

APPROVED BY _____ Title _____ Date _____
Conditions of approval, if any:

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

NBU #115-10-10-21
NATURAL BUTTES FIELD
SECTION 10 T10S R21E
WORKOVER PROCEDURES *idw*

WELL DATA

LOCATION: 496' FNL 1987' FWL SEC. 10 T10S R21E
ELEVATION: 5057' GR., 5069' KB.
TD: 5660', PBTB 5620' (12/91)
CSG: 8-5/8", 24.0#, J-55 @ 272' w/ 180 SX.
5-1/2", 17.0#, K-55 @ 5658' w/ 1090 SX.
CMT ANNULUS w/ 255 SX.
TBG: 2-3/8", 4.7#, J-55 @ 4479'
FORMATION(S): WASATCH 4634' - 5557', 15 HOLES (1991)

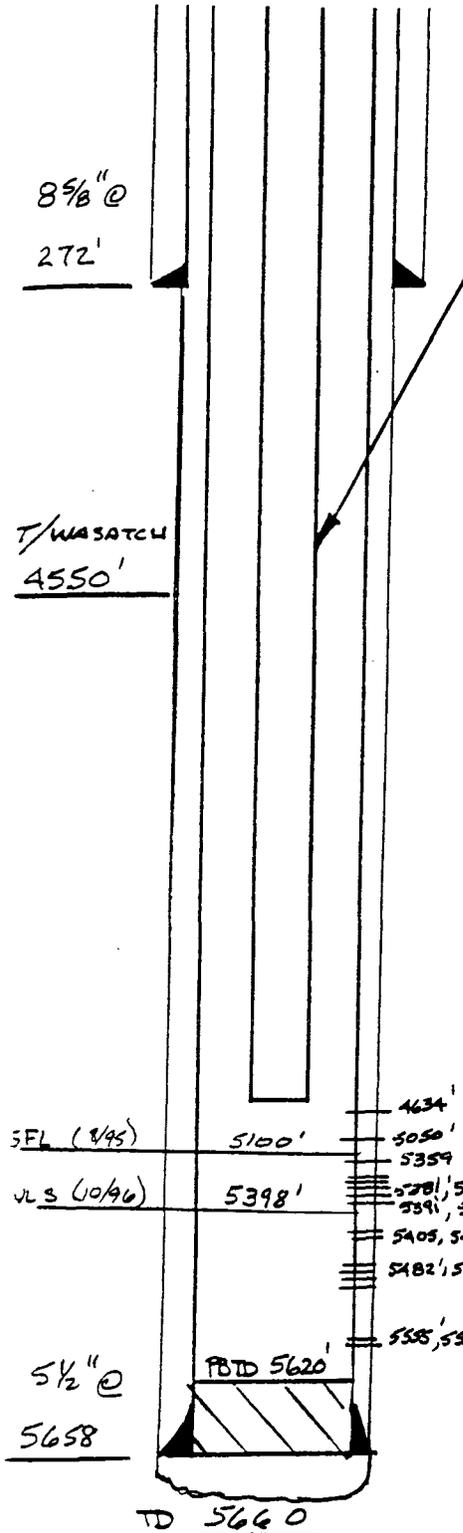
PROCEDURE

1. MI & RU pulling unit. Blow down & kill well w/ 3% KCL water. ND WH. NU BOP.
2. MI & RU Air/Foam unit. Circ. hole w/ KCL water foamed w/air. CO from 5398' (WLS 10/96 PBTB) to 5620' (original PBTB). BP @ 5557'. Circ hole clean.
3. RU service company. Spot 900 gal 15% HCL acid across perms 4634' - 5557' to clean up possible scale. Acid w/ clay stablizers and inhibitors. Acid to be swabbed back within 8 - 12 hrs. RD service company. RIH w/ 2-3/8" tbg and land tbg @ 5557'.
4. ND BOP. NU WH. RD & MO pulling unit and Air/Foam unit.
5. Install PLE. Swab/flow well to clean up. Return the well to sales.

NBU #115-10-10-21
 NATURAL BUTTES FIELD
 SECTION 10 T10S R21E

WELL DATA

LOCATION: 496' FNL 1987' FWL SEC. 10 T10S R21E
 ELEVATION: 5057' GR., 5069' KB.
 TD: 5660', PBD 5620' (12/91)
 CSG: 8-5/8", 24.0#, J-55 @ 272' w/ 180 SX.
 5-1/2", 17.0#, K-55 @ 5658' w/ 1090 SX.
 CMT ANNULUS w/ 255 SX.
 TBG: 2-3/8", 4.7#, J-55 @ 4479'
 FORMATION(S): WASATCH 4634' - 5557', 15 HOLES (1991)



2 3/8" 4.7# @ 4479' w/ notched collar on bottom

8 5/8" @
272'

T/WASATCH
4550'

(10/96) WLS PBD 5398'

(8/95) WLS PBD 5398' SFL 5100'

(12/91) Wasatch (4634' - 5557') 7sands 15 holes
 Perf (1 JSPF) w/ 4" CG

4634'	5050'	5359'	5381'	5405'	5482'	5555'
			5384'	5407'	5484'	5557'
			5387'		5486'	
			5391'			
			5394'			

BD w/ 4200 gal 3% KCL water + 30 BS's. IPF 75 MCF

FRAC'D w/ 173,250 #sand + 90,000 gal gel + 36% CO2

IPF (12/91) 2800 MCF + 5 Blw 1 1/4" CG FTP 1900* CP 1100 #

First Sales (12/92) 508 MCF 7/8" CG FTP 1900* CP 1400 #

5 1/2" @
5658

PBD 5620'

TD 5660

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.

UTU-0149079

6. If Indian, Alottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

Natural Buttes Unit

8. Well Name and No.

NBU-115-10-10-21

9. API Well No.

43-047-31929

10. Field and Pool, Or Exploratory Area

Natural Buttes Field

11. County or Parish, State

Uintah County, Utah

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)

496' FNL & 1987' FWL

Section 10-T10S-R21E

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

TYPE OF SUBMISSION

TYPE OF ACTION

Notice of Intent
 Subsequent Report
 Final Abandonment Notice

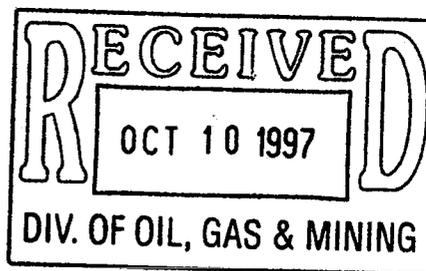
Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other clean out, acidize, lower tubing and install PLE

Change of Plans
 New Construction
 Non-Routine Fracturing
 Water Shut-Off
 Conversion to Injection
 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 markets and zones pertinent to this work.)*

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



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

Signed Sheila Bremer Title Environmental & Safety Analyst Date 10/06/97

(This space for Federal or State office use)

APPROVED BY _____ Title _____ Date _____
Conditions of approval, if any:

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

*See Instruction on Reverse Side

NO fax credit 2/98

Clean Out, Acidize, Lower Tubing & Install PEE

- 03/05/97 **Prep to POOH to unload bailer.** MIRU Colorado Well Service Rig #70. Blow down well. ND WH. NU BOP. RIH 31 jts, tag @ 5394'. POOH. PU bailer. RIH, tag @ 5394', clean sd to 5489'. Bailer quit. Pull up above perms. SDFN. Load 185 bbls.
DC: \$5,611 TC: \$5,611
- 03/06/97 **RIH to bail sand.** SICP 25 psi. Blow down. POOH. Clean bailer. Rec 95' sd. RIH, tag @ 5481' "lost 8", clean to 5517', bailer plugged off. POOH 51 stds. Work on rig, blew transmission, hose down 2 hrs. POOH - rec 150' sd, clean up bailer & RIH to top of perms. SDFN
DC: \$3,919 TC: \$9,530
- 03/07/97 **RIH broach & land.** ITP 0 psi, ICP 25 psi. Blew down. RIH, tag @ 5513', clean to PBSD 5620'. Wait 15 min, lost 17', reclean 3 times. Bailer quit @ 5612'. Wait 15 min, tag 5604'. POOH - recovered 370' sand. RIH w/bailer, tag @ 5602'. Clean up 18', wait 15 min, no fill. POOH 120' sand. LD bailer. Load 360 bbls. SDFN
DC: \$3,875 TC: \$13,405
- 03/08/97 **Prep to Acidize.** ICP 0 psi. RIH broach, LD 2 bad jts. Land tbg @ 179 jt, EOT 5543' w/SN @ 5514'. ND BOP. Install tree & plunger left. RDMO. Line up acid job for morning.
DC: \$8,356 TC: \$21,761
- 03/09/97 RU BJ. Pmp 20 bbls 2% KCl lead 1200 gal 15% HCl acid w/clay stabilizers, scale inhibitor & other add. Displ w/21 bbls 2% KCl. Avg press 40 psi, rate 3.4 BPM. Left acid across perms 3 hrs. MI Delsco, tag fluid @ 2500'. Made 15 swab runs, rec 75 bbls. FFL 3600', FCP 325 psi, IFL 2500'. Total load 429, rec 75 bbls, 354 BWLTR.
DC: \$4,823 TC: \$26,584
- 03/10/97 **SI to build press.** ITP 25 psi, ICP 500 psi, IFL 3000'. Swabbed 16 runs brought up 108 bbls. Dropped spring & plunger. Plunger would not come up on its own. Drpd soap sticks and SI to build press. FCP 600 psi, FFL 4900'. Load 429 bbls, 183 BLR, 246 BLTR.
DC: \$1,382 TC: \$28,066
- 03/11/97 **SI to build press. Prep to swab.** ITP 70 psi, ICP 750 psi. IFL 3600'. Swabbed 8 runs, brought up 35 bbls. Plunger would not keep arriving - well dead. FTP 0 psi, FCP 500 psi, FFL 5000'. Total load 429 bbls, 211 load rec, 57 BLTR.
DC: \$1,359 TC: \$29,425
- 03/12-20/97 **SI to build press.** ITP 50 psi, ICP 700 psi, IFL 4000'. Swab 1 run and run plunger 5 times, then plunger would not arrive. Swabbed 2 trips. Plunger would not run. SI to build press. FTP 0 psi, FCP 400 psi, FFL 4700'. Total load 429, 243 BLR, 186 BLTR.
DC: \$948 TC: \$30,373

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: El Paso Production Oil & Gas Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 8 South 1200 East CITY Vernal STATE Utah ZIP 84078		7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER: 435-789-4433		8. WELL NAME and NUMBER: Exhibit "A"
		9. API NUMBER:
		10. FIELD AND POOL, OR WILDCAT:

4. LOCATION OF WELL

FOOTAGES AT SURFACE: _____ COUNTY: _____

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

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

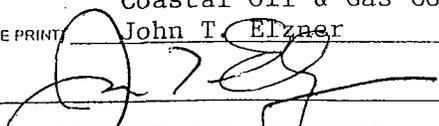
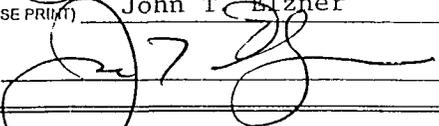
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input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

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

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

See Exhibit "A"

Bond # 400JU0708

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

(This space for State use only)

RECEIVED
JUN 19 2001
DIVISION OF
OIL, GAS AND MINING

(5/2000) (See Instructions on Reverse Side)

State of Delaware
Office of the Secretary of State

PAGE 1

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

RECEIVED

JUN 14 2001

DIVISION OF
OIL, GAS AND MINING



Harriet Smith Windsor
Harriet Smith Windsor, Secretary of State

0610204 8100

AUTHENTICATION: 1061007

010162788

DATE: 04-03-01

CERTIFICATE OF AMENDMENT

OF

CERTIFICATE OF INCORPORATION

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

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

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

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

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

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

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

COASTAL OIL & GAS CORPORATION

David L. Siddall

David L. Siddall
Vice President

Attest:

Margaret E. Roark

Margaret E. Roark, Assistant Secretary

RECEIVED

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

JUN 19 2001

DIVISION OF
OIL, GAS AND MINING

OPERATOR CHANGE WORKSHEET

ROUTING

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

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

X Merger

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

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

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

CA No.

Unit: NATURAL BUTTES

WELL(S)

NAME	API NO	ENTITY NO	SEC TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
NBU CIGE 4-9-10-21	43-047-30334	2900	09-10S-21E	FEDERAL	GW	P
NBU CIGE 76D-9-10-21P	43-047-30955	2900	09-10S-21E	FEDERAL	GW	P
NBU 206-9	43-047-31165	2900	09-10S-21E	FEDERAL	GW	P
CIGE 101D-9-10-21	43-047-31736	2900	09-10S-21E	FEDERAL	GW	P
302-9E	43-047-32010	2900	09-10S-21E	FEDERAL	GW	P
CIGE 150-9-10-21	43-047-32058	2900	09-10S-21E	FEDERAL	GW	P
CIGE 227-9-10-21	43-047-32998	2900	09-10S-21E	FEDERAL	GW	P
NBU 431-9E	43-047-33069	2900	09-10S-21E	FEDERAL	GW	S
CIGE 254	43-047-33723	2900	09-10S-21E	FEDERAL	GW	P
NBU CIGE 57-10-10-21	43-047-30543	2900	10-10S-21E	FEDERAL	GW	P
NBU CIGE 77D-10-10-21P	43-047-30956	2900	10-10S-21E	FEDERAL	GW	P
NBU 115	43-047-31929	2900	10-10S-21E	FEDERAL	GW	P
CIGE 139-10-10-21	43-047-31986	2900	10-10S-21E	FEDERAL	GW	P
CIGE 151-10-10-21	43-047-32059	2900	10-10S-21E	FEDERAL	GW	P
NBU 266	43-047-32941	2900	10-10S-21E	FEDERAL	GW	P
NBU 267	43-047-32942	2900	10-10S-21E	FEDERAL	GW	P
NBU 332	43-047-33640	2900	10-10S-21E	FEDERAL	GW	P
NBU 366	43-047-33729	2900	10-10S-21E	FEDERAL	GW	DRL
NBU 268 (CA NW-127)	43-047-33001	2900	11-10S-21E	FEDERAL	GW	P
NBU 215 (CA NW-127)	43-047-32471	2900	12-10S-21E	FEDERAL	GW	P

OPERATOR CHANGES DOCUMENTATION

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

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

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 08/06/2001
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 08/06/2001
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

STATE BOND VERIFICATION:

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

FEDERAL BOND VERIFICATION:

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

FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:

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

FILMING:

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

FILING:

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

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



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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

RECEIVED

JUL 12 2001

DIVISION OF
OIL, GAS AND MINING

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

JUL 10 2001

NOTICE

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

Name Change Recognized

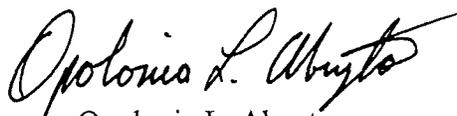
Acceptable evidence has been received in this office concerning the name change of Coastal Oil & Gas Corporation into El Paso Production Oil & Gas Company with El Paso Production Oil & Gas Company being the surviving entity.

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

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

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

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



Opolonia L. Abeyta
Acting Chief, Branch of
Minerals Adjudication

Enclosure

1. Exhibit of Leases (1 pp)

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

Exhibit of Leases

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

JAN. 17. 2003 3:34PM

WESTPORT

NO. 173 P. 2

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

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

February 1, 2002

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

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

Dear Ms. Maxwell:

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

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

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

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

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

Debby J. Black
Debby J. Black
Engineer Technician

Encl:



United States Department of the Interior **RECEIVED**

BUREAU OF LAND MANAGEMENT

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

FEB 22 2002

DIVISION OF
OIL, GAS AND MINING

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

FEB 21 2002

NOTICE

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

Name Change Recognized

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

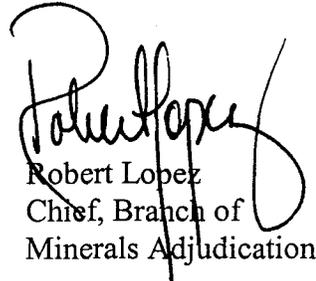
For our purposes, the name change is recognized effective December 31, 2001.

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

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

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

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



Robert Lopez
Chief, Branch of
Minerals Adjudication

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

memorandum

Branch of Real Estate Services
Uintah & Ouray Agency

Date: 5 December, 2002

Reply to
Attn of: Supervisory Petroleum Engineer

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

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

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

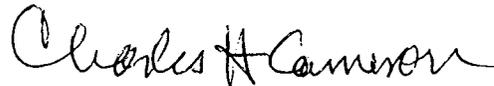
We have no objection.

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

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

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

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





United States Department of the Interior

BUREAU OF INDIAN AFFAIRS
Washington, D.C. 20240

FEB 10 2003

IN REPLY REFER TO:
Real Estate Services

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

Dear Mr. Wilson:

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

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

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

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

Sincerely,

Director, Office of Trust Responsibilities

ACTING

Enclosure



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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

IN REPLY REFER TO
UT-922

February 27, 2003

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

Re: Natural Buttes Unit
Uintah County, Utah

Gentlemen:

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

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

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

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

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

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

UT922:TAThompson:tt:02/27/2003

RECEIVED

FEB 28 2003

DIV. OF OIL, GAS & MINING

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

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

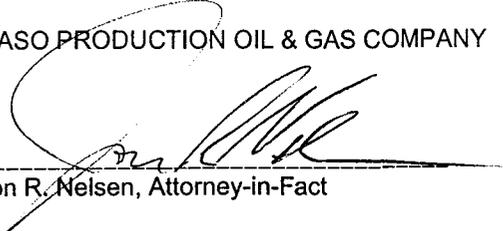
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input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

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

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

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

EL PASO PRODUCTION OIL & GAS COMPANY

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

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

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well
 Oil Well Gas Well Other

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

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

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

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

5. Lease Serial No.
SEE ATTACHED EXHIBIT "A"

6. If Indian, Allottee or Tribe Name

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

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

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

10. Field and Pool, or Exploratory Area

11. County or Parish, State
UINTAH COUNTY, UT

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

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

SUCCESSOR OF OPERATOR

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

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

RECEIVED
MAR 04 2003

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

Name (Printed/Typed)
CHERYL CAMERON

Title
OPERATIONS

Signature



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

ROUTING

1. GLH
2. CDWV ✓
3. FILE

X Change of Operator (Well Sold)

Designation of Agent/Operator

Operator Name Change

Merger

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

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

CA No. Unit: NATURAL BUTTES

WELL(S)

NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
NBU 302-9E	09-10S-21E	43-047-32010	2900	FEDERAL	GW	P
CIGE 101D-9-10-21	09-10S-21E	43-047-31736	2900	FEDERAL	GW	P
NBU CIGE 76D-9-10-21P	09-10S-21E	43-047-30955	2900	FEDERAL	GW	P
NBU 206-9J	09-10S-21E	43-047-31165	2900	FEDERAL	GW	S
NBU CIGE 4-9-10-21	09-10S-21E	43-047-30334	2900	FEDERAL	GW	P
NBU 7-9B	09-10S-21E	43-047-30278	2900	FEDERAL	GW	P
CIGE 286	09-10S-21E	43-047-34797	99999	FEDERAL	GW	APD
CIGE 287	09-10S-21E	43-047-34798	99999	FEDERAL	GW	APD
NBU CIGE 57-10-10-21	10-10S-21E	43-047-30543	2900	FEDERAL	GW	P
NBU CIGE 77D-10-10-21P	10-10S-21E	43-047-30956	2900	FEDERAL	GW	P
NBU 115	10-10S-21E	43-047-31929	2900	FEDERAL	GW	P
CIGE 151-10-10-21	10-10S-21E	43-047-32059	2900	FEDERAL	GW	P
CIGE 139-10-10-21	10-10S-21E	43-047-31986	2900	FEDERAL	GW	P
NBU 266	10-10S-21E	43-047-32941	2900	FEDERAL	GW	P
NBU 267	10-10S-21E	43-047-32942	2900	FEDERAL	GW	P
NBU 332	10-10S-21E	43-047-33640	2900	FEDERAL	GW	P
NBU 366	10-10S-21E	43-047-33729	2900	FEDERAL	GW	PA
NBU 179	10-10S-21E	43-047-32145	2900	FEDERAL	GW	PA
NBU 29	11-10S-21E	43-047-30302	2900	FEDERAL	GW	PA
NBU 268	11-10S-21E	43-047-33001	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: 03/19/2003

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

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

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

STATE WELL(S) BOND VERIFICATION:

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

FEDERAL WELL(S) BOND VERIFICATION:

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

INDIAN WELL(S) BOND VERIFICATION:

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

FEE WELL(S) BOND VERIFICATION:

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

2. The **FORMER** operator has requested a release of liability from their bond on: N/A

The Division sent response by letter on: N/A

LEASE INTEREST OWNER NOTIFICATION:

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

COMMENTS:

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side

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

1. Type of Well
 Oil Well Gas Well Other

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

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

9. API Well No.
Multiple Wells - see attached

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

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Multiple Wells - see attached

11. County or Parish, State
Uintah County, UT

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

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

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

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

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

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

Name (Printed/Typed)

J.T. Conley

Signature

J.T. Conley

COPY SENT TO OPERATOR

Date: 9-16-03

Initials: CHD Date: 9-2-2003

Title

Operations Manager

SEP 10 2003

DIV. OF OIL GAS & MINING

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Accepted by the
Utah Division of
Oil, Gas and Mining

Date

Federal Approval of This
Action Is Necessary

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

Office

Date: 9/16/03

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

Westport Oil & Gas, L.P.

Project Economics Works

Instructions:

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

Project Name:

Condensate Shrinkage Economics

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

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

Increased OPX Per Year

Investment Breakdown:

	Cap/Exp Code	Cost, \$
Capital \$	820/830/840	\$1,200
Expense \$	830/860	\$0
Total \$		\$1,200

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

Production & OPX Detail:

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

Project Life:

Life = Years
(Life no longer than 20 years)

Internal Rate of Return:

After Tax IROR =

AT Cum Cashflow:

Operating Cashflow = (Discounted @ 10%)

Payout Calculation:

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

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

Payout = Years or Days

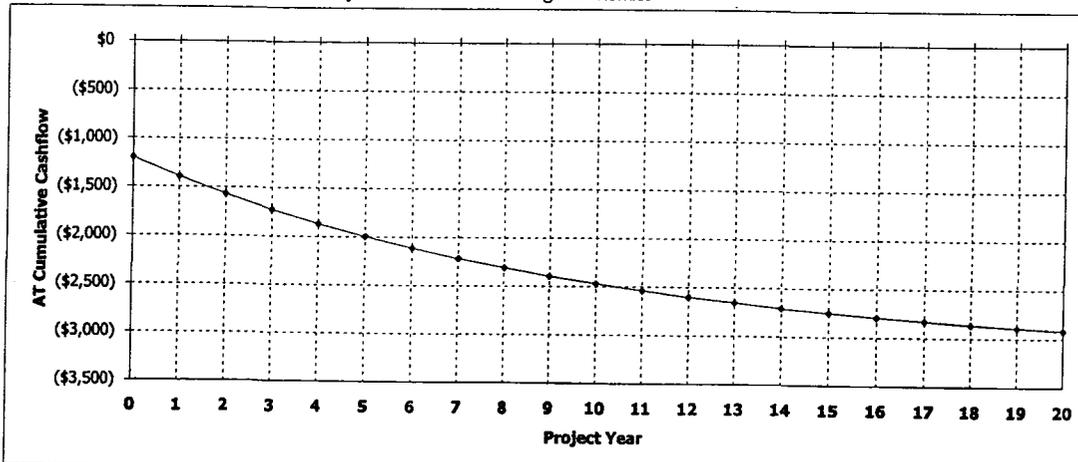
Gross Reserves:

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

Notes/Assumptions:

An average NBU well produces 0.192 Bcpd with no tank pressure. The production is increased to 0.194 Bcpd if 6 ozs of pressure are placed on the tank. The increased production does not payout the valve cost or the estimated annual maintenance costs.

Project: Condensate Shrinkage Economics



Westport Oil and Gas, Inc.

NBU/Ouray Field

RFL 2003-022

COMPARISON OF FLASH BACK PRESSURES

Calculated by Characterized Equation-of-State

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

Calculated at Laboratory Flash Conditions

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

Calculated Flash with Backpressure using Tuned EOS

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

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

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

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

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

WELL	LEGALS	STFLEASENO	CANUMBER	APINO
NBU 058N2	27-10-22 NENW	UTU473	891008900A	430473083800S1
NBU 060	26-9-21 NWSW	U01194	891008900A	430473172800S1 ✓
NBU 062N3	16-10-21 SENW	ML10755	891008900A	430473090900S1
NBU 063N3	12-9-21 SWNW	UTU0141317	891008900A	430473109700S1
NBU 064N3	8-9-21 NESE	UTU0575B	891008900A	430473109800S1
NBU 065N3	14-9-21 SESW	UTU01193	891008900A	430473109900S1
NBU 067A	4-10-22 SWNE	UTU01191	891008900A	430473173700S1
NBU 068N2	26-9-21 NESE	ML22934	891008900A	430473108900S1 ✓
NBU 069N2	35-9-21 SWSW	U01194	891008900A	430473109000S1 ✓
NBU 070N3	3-10-22 SWNW	UTU01191	891008900A	430473110000S1
NBU 072N3	12-10-20 NWNW	UTU4478	891008900A	430473108800S1
NBU 074N3	24-10-20 SWNE	ML22790	891008900A	430473108700S1
NBU 075N3	20-10-21 NENE	UTU02278	891008900A	430473110300S1
NBU 078	30-9-22 NWNW	U463	891008900A	430473176200S1
NBU 080V	34-9-22 NWSW	UTU0149077	891008900A	430473124000S1
NBU 081V	35-9-21 SWNW	U01194	891008900A	430473123200S1 ✓
NBU 083J	27-9-21 NESW	U01194A	891008900A	430473123500S1 ✓
NBU 084V	6-10-22 NWNE	UTU01195B	891008900A	430473124500S1
NBU 085J	4-10-22 SWNW	UTU01191A	891008900A	430473124600S1
NBU 086J	3-10-22 NENE	UTU01191A	891008900A	430473125100S1
NBU 087J	3-10-22 NESW	UTU01191	891008900A	430473125000S1
NBU 088V	26-9-21 NENE	U01194	891008900A	430473123300S1 ✓
NBU 093	33-9-22 NESE	UTU01191A	891008900A	430473175300S1
NBU 097	25-9-21 NENW	U01189	891008900A	430473174400S1 ✓
NBU 098V	34-9-21 SWSW	U01194A	891008900A	430473132700S1 ✓
NBU 099	25-9-21 SWSW	U01194	891008900A	430473174500S1 ✓
NBU 101	3-10-21 NWSE	UTU0149078	891008900A	430473175500S1
NBU 102	5-10-21 SESW	UTU01393D	891008900A	430473175700S1
NBU 1021-16G	16-10-21 SWNE	ML10755	891008900A	430473511100S1 ✓
NBU 1021-20	2-10-21 SWSE	ML13826	891008900A	430473511000S1 ✓
NBU 103	10-9-21 SENW	U0141315	891008900A	430473195600S1
NBU 104	16-9-21 SENE	ML3282	891008900A	430473195700S1
NBU 105	17-9-21 SWSW	UTU0575	891008900A	430473230200S1
NBU 106	21-9-21 NESW	UTU0576	891008900A	430473194600S1
NBU 107	26-9-21 SENW	U01194	891008900A	430473191600S1
NBU 108	19-9-22 SESE	UTU0284	891008900A	430473195800S1
NBU 109	27-9-21 SENE	U01194A	891008900A	430473191700S1 ✓
NBU 110	28-9-21 NENE	U05676	891008900A	430473192400S1
NBU 111	25-9-21 SWNW	U01194	891008900A	430473192000S1 ✓
NBU 112	33-9-22 SESE	UTU01191	891008900A	430473193000S1
NBU 113	34-9-22 SESE	UTU0149077	891008900A	430473193100S1
NBU 114	5-10-21 SWSW	UTU01393D	891008900A	430473192300S1
NBU 115	10-10-21 NENW	UTU0149079	891008900A	430473192900S1
NBU 116	6-10-22 NWNW	UTU464	891008900A	430473192500S1
NBU 117	10-10-22 NENE	U01197A	891008900A	430473191400S1
NBU 118	22-9-20 SENE	UTU0577B	891008900A	430473196900S1
NBU 119	22-9-20 SENW	UTU0577B	891008900A	430473197300S1
NBU 120	10-9-21 NWNW	U0141315	891008900A	430473197200S1
NBU 121	13-9-21 NWNE	U01193	891008900A	430473208600S1
NBU 122	13-9-21 SESE	U01193	891008900A	430473230300S1
NBU 123	15-9-21 NWNW	UTU01188	891008900A	430473197400S1
NBU 124	16-9-21 NWNE	ML3282	891008900A	430473197100S1
NBU 125	17-9-21 SESE	UTU0575	891008900A	430473235000S1
NBU 126	21-9-21 SENW	UTU0576	891008900A	430473234900S1
NBU 127	21-9-21 SWNW	UTU0576	891008900A	430473196300S1
NBU 128	21-9-21 SWSW	UTU0576	891008900A	430473196400S1
NBU 129	22-9-21 SENE	UTU010950A	891008900A	430473196500S1
NBU 130	22-9-21 SWNW	UTU0147566	891008900A	430473196700S1
NBU 131	23-9-21 NWSW	UTU0149075	891008900A	430473196600S1
NBU 132	26-9-21 NWNW	U01194	891008900A	430473193800S1 ✓
NBU 133	28-9-21 SWNE	U05676	891008900A	430473195000S1

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING
1. DJJ
2. CDW

X Change of Operator (Well Sold)

Operator Name Change/Merger

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

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
- a. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
- b. If **NO**, the operator was contacted on:
- 5a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
- 5b. Inspections of LA PA state/fee well sites complete on: n/a 3 LA wells & all PA wells transferred
- 5c. Reports current for Production/Disposition & Sundries on: ok
- 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
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: 3/27/2006
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on:

DATA ENTRY:

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

BOND VERIFICATION:

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

LEASE INTEREST OWNER NOTIFICATION:

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

COMMENTS:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well
 Oil Well Gas Well Other

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

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

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

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

5. Lease Serial No.
MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State
UINTAH COUNTY, UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other 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

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	Title DRILLING MANAGER
Signature <i>Randy Bayne</i>	Date May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

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

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)

BRAD LANEY

Title

ENGINEERING SPECIALIST

Signature

Date

May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Brad Laney

Title

Date

5-9-06

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

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
Colorado State Office
2850 Youngfield Street
Lakewood, Colorado 80215-7076

IN REPLY REFER TO:

CO922 (MM)
3106
COC017387 et. al.

March 23, 2006

NOTICE

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

Merger/Name Change - Recognized

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

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

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

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

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

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

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

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

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

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

Attachment:

List of OG Leases to each of the following offices:

MMS MRM, MS 357B-1

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

CO Field Offices

Wyoming State Office

Rider #1 to Bond WY2357

Rider #2 to Bond WY1865

Rider #3 to Bond WY1127



United States Department of the Interior



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

IN REPLY REFER TO:
3106
(UT-922)

March 27, 2006

Memorandum

To: Vernal Field Office

From: Chief, Branch of Fluid Minerals

Subject: Merger Approval

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

Chief, Branch of
Fluid Minerals

Enclosure

Approval letter from BLM COSO (2 pp)

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

RECEIVED

MAR 28 2006

BLM 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: U-0149079
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.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7.UNIT or CA AGREEMENT NAME: NATURAL BUTTES
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: NBU 115
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047319290000
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6511 9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0496 FNL 1987 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 10 Township: 10.0S Range: 21.0E Meridian: S	COUNTY: UINTAH STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 12/15/2011	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input checked="" type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width:100px;" type="text"/>

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

THE SUBJECT WELL WAS RETURNED BACK TO PRODUCTION ON
12/15/2011.

**Accepted by the
 Utah Division of
 Oil, Gas and Mining
 FOR RECORD ONLY
 January 12, 2012**

NAME (PLEASE PRINT) Sheila Wopsock	PHONE NUMBER 435 781-7024	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 1/12/2012	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9	
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: U-0149079	
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
1. TYPE OF WELL Gas Well		7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES	
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.		8. WELL NAME and NUMBER: NBU 115	
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		9. API NUMBER: 43047319290000	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0496 FNL 1987 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 10 Township: 10.0S Range: 21.0E Meridian: S		9. FIELD and POOL or WILDCAT: NATURAL BUTTES	
		COUNTY: UINTAH	
		STATE: UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 2/16/2012 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input checked="" type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.			
THE SUBJECT WELL WAS RETURNED BACK TO PRODUCTION ON 02/16/2012.			
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY March 06, 2012			
NAME (PLEASE PRINT) Sheila Wopsock		PHONE NUMBER 435 781-7024	
SIGNATURE N/A		TITLE Regulatory Analyst	
		DATE 3/6/2012	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: U-0149079
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.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: NATURAL BUTTES
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: NBU 115
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.	9. API NUMBER: 43047319290000
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779	PHONE NUMBER: 720 929-6514
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0496 FNL 1987 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 10 Township: 10.0S Range: 21.0E Meridian: S	9. FIELD and POOL or WILDCAT: NATURAL BUTTES COUNTY: UINTAH STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 5/14/2012 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input checked="" type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>

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

The operator requests approval to abandon the existing Wasatch formation, and recomplete the subject well in the Green River formation. Upon completion of the attached procedure, this well will no longer be a Natural Butte Unit well. This is a federal well with the lease number U-0149079. Please see the attached procedure. Thank you.

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

Date: May 24, 2012

By: Dark Quist

NAME (PLEASE PRINT) Jaime Scharnowske	PHONE NUMBER 720 929-6304	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 5/14/2012	

Greater Natural Buttes Unit



NBU 115 **RE-COMPLETIONS PROCEDURE**

DATE: 05/01/2012
AFE#:
API#: 4304731929
USER ID: WIU473 (Frac Invoices Only)

COMPLETIONS ENGINEER: Patricia Cuba, Denver, CO
(720) 929-6348 (Office)
(303) 601-7259 (Cell)

SIGNATURE:

ENGINEERING MANAGER: JEFF DUFRESNE

SIGNATURE:

REMEMBER SAFETY FIRST!

- **If casing pressure test fails, call engineering.**
- Tubing Currently Landed @~5140'
- Originally completed on 12/05/1991
- **Plug calculations are based on Class G cement with 6% Bentonite. Adjust the cement slurry volumes if a different cement type will be used.**

Existing Perforations:

<u>Formation</u>	<u>Top</u>	<u>Bottom</u>	<u>SPF</u>	<u>Holes</u>
Wasatch	4634'	4635'	1	1
Wasatch	5050'	5051'	1	1
Wasatch	5359'	5360'	1	1
Wasatch	5381'	5382'	1	1
Wasatch	5384'	5385'	1	1
Wasatch	5387'	5388'	1	1
Wasatch	5391'	5392'	1	1
Wasatch	5394'	5395'	1	1
Wasatch	5405'	5406'	1	1
Wasatch	5407'	5408'	1	1
Wasatch	5482'	5483'	1	1
Wasatch	5484'	5485'	1	1
Wasatch	5486'	5487'	1	1
Wasatch	5555'	5556'	1	1
Wasatch	5557'	5558'	1	1

Relevant History:

12/05/1991: perf'd Wasatch formation (4634'- 5557') w/ 15 holes, and frac'd with 90,000 gals of gelled KCL water and 30% CO₂, and 173,250 lbs of sand.

03/21/1997: tbg landed @ 5140'

H2S History:

Production Date	Gas (avg mcf/day)	Water (avg bb/day)	Oil (avg bbl/day)	LGR (bbl/Mmcf)	Max H2S Seperator (ppm)
3/31/2010	0.00	0.00	0.00	#NA	
4/30/2010	0.00	0.00	0.00	#NA	
5/31/2010	0.00	0.00	0.00	#NA	
6/30/2010	0.00	0.00	0.00	#NA	
7/31/2010	0.00	0.00	0.00	#NA	
8/31/2010	0.00	0.00	0.00	#NA	
9/30/2010	0.00	0.00	0.00	#NA	
10/31/2010	0.00	0.00	0.00	#NA	
11/30/2010	0.00	0.00	0.00	#NA	
12/31/2010	0.00	0.00	0.00	#NA	
1/31/2011	0.00	0.00	0.00	#NA	
2/28/2011	0.00	0.00	0.00	#NA	
3/31/2011	0.00	0.00	0.00	#NA	
4/30/2011	0.00	0.00	0.00	#NA	
5/31/2011	0.00	0.00	0.00	#NA	
6/30/2011	0.00	0.00	0.00	#NA	
7/31/2011	0.00	0.00	0.00	#NA	
8/31/2011	0.00	0.00	0.00	#NA	
9/30/2011	0.00	0.00	0.00	#NA	
10/31/2011	0.00	0.00	0.00	#NA	
11/30/2011	0.00	0.00	0.00	#NA	
12/31/2011	0.00	0.00	0.00	#NA	
1/31/2012	0.00	0.00	0.00	#NA	
2/29/2012	12.21	0.00	0.00	0.00	0.00
3/31/2012	21.94	0.00	0.00	0.00	3.00

PROCEDURE:

1. MIRU. Kill well as needed. ND WH, NU and test BOPE.
2. POOH w/tubing. Visually inspect for scale and consider replacing tubing if needed.
3. **PLUG #1 - ISOLATE WASATCH PERFORATIONS AND PROTECT TOP OF WASATCH (4634' – 5558')**: RIH W/ 5 ½" CIBP. SET @ ~4614'. Pressure test casing to 500 psi. Inform engineering if it doesn't test. Displace a minimum of **11 SX/ 2.4 BBL/ 13 CUFT** of cement on top of plug. PUH above TOC (~4514', equivalent to 100' COVERAGE). REVERSE CIRCULATE W/ TREATED FRESH WATER.
4. ND BOPs and NU frac valves. Test frac valves and casing to 1000 and 3500 psi for 15 minutes each and to 4500 psi for 30 minutes. As per standard operating procedure install steel blowdown line to reserve pit from 5-1/2" X 8-5/8" annulus. Lock **OPEN** the Braden head valve. Annulus will be monitored throughout stimulation. If release occurs, stimulation will be shut down. Well conditions will be assessed and actions taken as necessary to secure the well. UDOGM will be notified if a release to the annulus occurs.

5. Perf the following with 3-3/8" gun, 23 gm, 0.36"hole:

Zone	From	To	spf	# of shots	
GREEN RIVER		4442	4443	3	3
GREEN RIVER		4458	4459	3	3
GREEN RIVER		4484	4486	3	6
GREEN RIVER		4508	4510	3	6

NOTE: If guns cannot get down enough to perforate 4508'-4510' interval, clean out to 4514'. If after clean out guns cannot get down enough, please call Completions Engineer.

6. Breakdown perfs and establish injection rate (include scale inhibitor in fluid). Spot 250 gals of 15% HCL and let soak 5-10 min. Fracture as outlined in Stage 1 on attached listing. Under-displace to ~4442' and trickle 250gal 15%HCL w/ scale inhibitor in flush .

7. Set 8000 psi CBP at ~4164'. Perf the following 3-3/8" gun, 23 gm, 0.36"hole:

Zone	From	To	spf	# of shots	
GREEN RIVER		4062	4063	3	3
GREEN RIVER		4076	4077	3	3
GREEN RIVER		4093	4095	3	6
GREEN RIVER		4104	4106	3	6
GREEN RIVER		4132	4134	3	6

8. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 2 on attached listing. Under-displace to ~4062' and trickle 250gal 15%HCL w/ scale inhibitor in flush.

TIGHT SPACING ON STAGE 2 – OVERFLUSH BY 5 BBLs

9. Set 8000 psi CBP at ~4052'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots	
GREEN RIVER		3775	3776	3	3
GREEN RIVER		3880	3881	3	3
GREEN RIVER		3970	3971	3	3
GREEN RIVER		3994	3995	3	3
GREEN RIVER		4016	4018	3	6
GREEN RIVER		4031	4032	3	3

10. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 3 on attached listing. Under-displace to ~3775' flush only with recycled water.

11. Set 8000 psi CBP at~3725'.

12. ND Frac Valves, NU and Test BOPs.

13. TIH with 4 3/4" bit, pump off sub, SN and tubing.

14. Clean out to 4514' Shear off bit and land tubing at ± 4470' unless indicated otherwise by the well's behavior.

15. Clean out well with foam and/or swabbing unit until steady flow has been established from completion.

16. **Leave surface casing valve open.** Monitor and report any flow from surface casing. RDMO

**For design questions, please call
Patricia Cuba, Denver, CO
(720) 929-6348 (Office)
(303) 601-7259 (Cell)**

**For field implementation questions, please call
Jeff Samuels, Vernal, UT
(435)-781-7046 (Office)**

NOTES:

- **If using any chemicals for pickling tubing or H2S Scavenging, have MSDS for all chemicals prior to starting work**
- **Verify that the Braden head valve is locked OPEN.**

Key Contact information

Completion Engineer

Patricia Cuba: 303/601-7259, 720/929-6348

James Page: 303/501-2731, 720/929-6747

Production Engineer

Brad Laney: 435/781-7031, 435/828-5469

Completion Supervisor Foreman

Jeff Samuels: 435-828-6515, 435-781-7046

Completion Manager

Jeff Dufresne: 720-929-6281, 303-241-8428

Vernal Main Office

435-789-3342

Emergency Contact Information—Call 911

Vernal Regional Hospital Emergency: 435-789-3342

Police: (435) 789-5835

Fire: 435-789-4222

Name NBU 115
 Perforation and CBP Summary

Stage	Zones	Perforations		SPF	Holes	Fracture Coverage		
		Top, ft	Bottom, ft					
1	GREEN RIVER	4442	4443	3	3	4438	to	4445
	GREEN RIVER	4458	4459	3	3	4456	to	4461
	GREEN RIVER	4484	4486	3	6	4467	to	4498
	GREEN RIVER	4508	4510	3	6	4505	to	4525
	GREEN RIVER							
	GREEN RIVER							
	GREEN RIVER							
	# of Perfs/stage				18	CBP DEPTH	4,164	
2	GREEN RIVER	4062	4063	3	3	4062	to	4065
	GREEN RIVER	4076	4077	3	3	4074	to	4084
	GREEN RIVER	4093	4095	3	6	4092	to	4098
	GREEN RIVER	4104	4106	3	6	4101	to	4111
	GREEN RIVER	4132	4134	3	6	4128	to	4136
	GREEN RIVER							
	GREEN RIVER							
	GREEN RIVER							
# of Perfs/stage				24	CBP DEPTH	4,052		
3	GREEN RIVER	3775	3776	3	3	3772	to	3779
	GREEN RIVER	3880	3881	3	3	3876	to	3888
	GREEN RIVER	3970	3971	3	3	3968	to	3975
	GREEN RIVER	3994	3995	3	3	3992	to	3998
	GREEN RIVER	4016	4018	3	6	4015	to	4024
	GREEN RIVER	4031	4032	3	3	4030	to	4033
	GREEN RIVER							
	GREEN RIVER							
# of Perfs/stage				21	CBP DEPTH	3,725		
Totals	Total			63			Total	

Acid Pickling and H2S Procedures (If Required)

****PROCEDURE FOR PUMPING ACID DOWN TBG**

WHEN FINDING SCALE IN TUBING THAT IS ACID SOLUBLE, ENSURE THAT PLUNGER EQUIPMENT IS REMOVED AND ABLE TO PUMP DOWN TBG. INSTALL A 'T' IN PUMP LINE W/2" VALVE THAT NALCO CAN TIE INTO. HAVE 60 BBL 2% KCL MIXED W/ 10-15 GAL H2S SCAVENGER IN RIG FLAT TANK. (WE USED THE RIG FLAT TANK FOR MIXING CHEMICAL SO WE DIDN'T HAVE THE CHEMICAL IN ALL FLUIDS ON LOCATION, ONLY WHAT WE NEEDED TO PUMP DOWN HOLE)

1. PUMP 5-10 BBL 2% KCL DOWN TBG (NALCO CANNOT PUMP AGAINST PRESSURE)
2. NALCO WILL PUMP 3 DRUMS HCL (31%) INTO PUMP LINE.
3. FLUSH BEHIND ACID WITH 10-15 BBL 2% KCL
4. PUMP 2—30 BBL 2% W/ H2S SCAVENGER DOWN TBG.
5. PUMP REMAINDER OF 2% W/ H2S SCAVENGER DOWN CASING AND SHUT WELL IN FOR MINIMUM OF 2 HRS.
6. OVER DISPLACE DOWN TBG AND CSG TO FLUSH ACID AND SCAVENGER INTO FORMATION
7. MONITOR TUBING FOR FLOW AND CASING FOR H2S NOW AS POOH W/ TUBING.

**** PROCEDURE FOR PUMPING H2S SCAVENGER WITHOUT ACID**

PRIOR TO RIG MOVING ON OR AS RIG PULLS ONTO LOCATION. TEST CASING, TUBING AND SEPARATOR FOR H2S. IF FOUND MAKE SURE THAT PLUNGER SYSTEM IS REMOVED (IT IS POSSIBLE TO PUMP AROUND PLUNGERS BUT SOME WILL HAVE A STANDING VALVE IN SEATING NIPPLE).

1. MIX 10-15 GAL H2S SCAVENGER WITH 60-100 BBL 2% KCL IN RIG FLAT TANK.
2. PUMP 25 BBL MIXTURE DOWN TUBING AND REST DOWN CASING. SHUT WELL IN FOR 2 HOURS.
3. IF WELL HAS PRESSURE AFTER 2 HOURS – RETEST CASING AND TUBING FOR H2S.
4. FLUSH TUBING AND CASING PUSHING H2S SCAVENGER INTO FORMATION.
5. MONITOR TUBING FOR FLOW AND CASING FOR H2S NOW AS POOH W/ TUBING.

** As per APC standard operating procedure, APC foreman will verify ALL volumes pumped and record on APC Volume Report Form