

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

SUBMIT IN **DUPLICATE\***  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0136  
Expires August 31, 1985

5

**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**  
 CNG Producing Company

**3. ADDRESS OF OPERATOR**  
 705 S. Elgin Ave., P.O. Box 2115, Tulsa, OK 74101-2115

**4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)**  
 At surface: 2079' FNL & 707' FWL SW NW  
 At proposed prod. zone: Same

**14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\***  
 10 miles SW of Ouray

**16. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)**      707'

**18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.**      1950'

**19. PROPOSED DEPTH**      6650' *Washed*

**21. ELEVATIONS (Show whether DF, RT, GR, etc.)**  
 5104 GR

**5. LEASE DESIGNATION AND SERIAL NO.**  
 U-013765

**6. IF INDIAN, ALLOTTEE OR TRIBE NAME**

**7. UNIT AGREEMENT NAME**  
 River Bend

**8. FARM OR LEASE NAME**  
 RBU

**9. WELL NO.**  
 5-13E

**10. FIELD AND POOL, OR WILDCAT**  
 NATURAL BUTTES

**11. SEC., T., R., M., OR S.E. AND SURVEY OR AREA**  
 Sec. 13-T10S-R19E

**12. COUNTY OR PARISH**      **13. STATE**  
 Uintah      Utah

**23. PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/2"	8-5/8"	24	± 400'	Cement to surface
7-7/8"	5 1/2"	17	± 6650'	Cmt. Calc. to surface

Subject development well will be drilled to the proposed depth and set casing as above if producible hydrocarbons are indicated. Should the well be plugged and abandoned, it will be done in accordance with instructions from the BLM. All Conditions for Approval of Notice to Drill will be adhered to.

Exhibits Attached

- "A" Plat
- "B" Drilling Plan
- "C" Blow Out Preventer Equipment
- "D" Surface Use Plan
- "E" Access Roads
- "F" Production Facilities
- "G" Wellsite Layout

**RECEIVED**  
 APR 16 1986  
 DIVISION OF  
 OIL, GAS & MINING

**24. 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.

**SIGNED** Angie C. Bechtel      **TITLE** Sr. Engineering Tech.      **DATE** 4-14-86

(This space for Federal or State office use)

**PERMIT NO.** 43-047-31715      **APPROVAL DATE** OF UTAH DIVISION OF OIL, GAS, AND MINING

**APPROVED BY** \_\_\_\_\_      **TITLE** \_\_\_\_\_      **DATE** 4-23-86

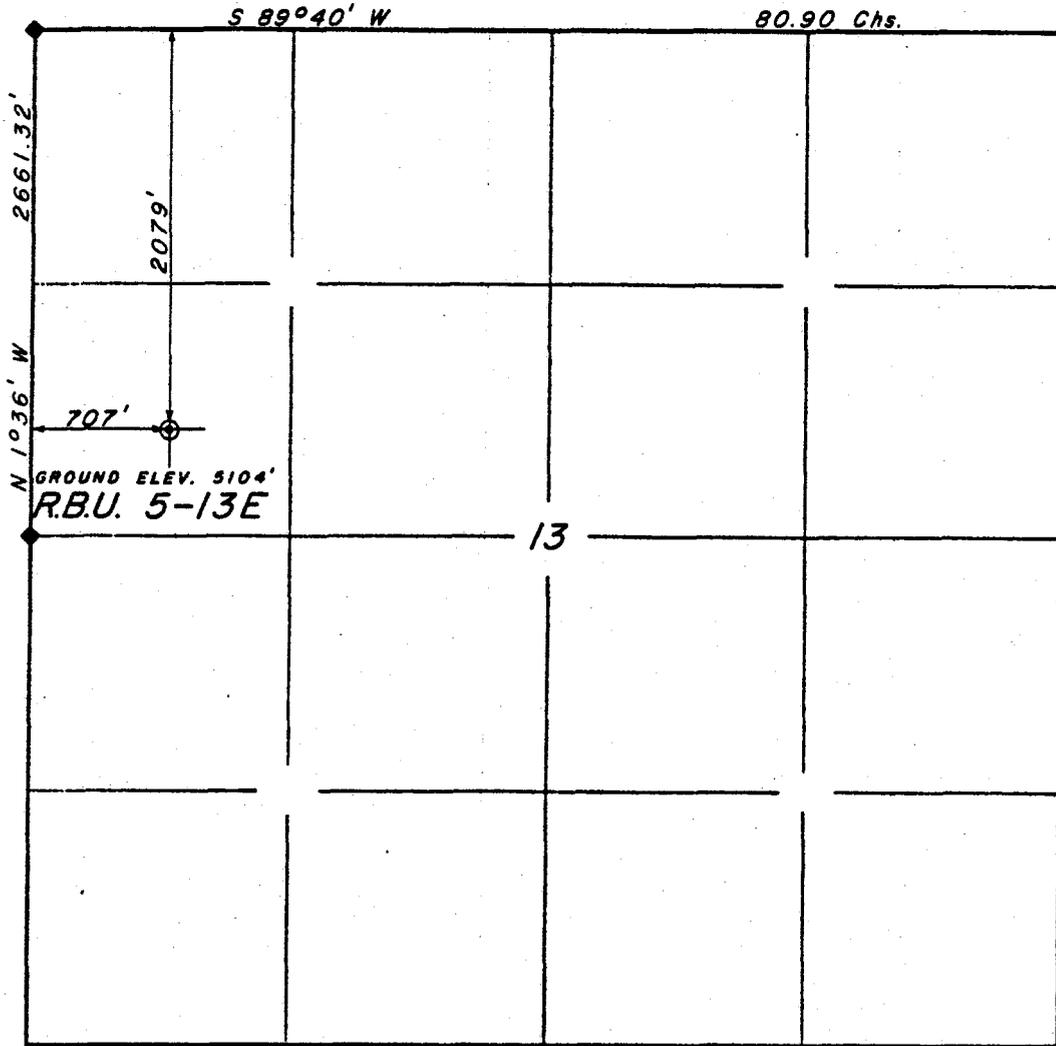
**CONDITIONS OF APPROVAL, IF ANY:** \_\_\_\_\_      **BY:** John R. Bay      **WELL SPACING:** 203

\*See Instructions On Reverse Side

**CNG PRODUCING CO.  
WELL LOCATION PLAT  
R.B.U. 5-13E**

LOCATED IN THE SW $\frac{1}{4}$  OF THE NW $\frac{1}{4}$  OF  
SECTION 13, T10S, R19E, S.L.B.&M.

EXHIBIT "A"



SCALE: 1"=1000'

**LEGEND & NOTES**

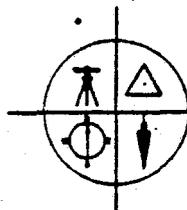
◆ ORIGINAL CORNERS FOUND AND USED BY  
THIS SURVEY.

THE GENERAL LAND OFFICE PLAT WAS USED  
FOR REFERENCE AND CALCULATIONS.

**SURVEYOR'S CERTIFICATE**

I hereby certify that this plat was prepared  
from field notes of an actual survey  
performed by me, during which the shown  
monuments were found or established.

*Jerry D. Allred*  
Jerry D. Allred, Registered Land  
Surveyor, Cert. No. 3817 (Utah)



**JERRY D. ALLRED & ASSOCIATES**  
Surveying & Engineering Consultants

121 North Center Street  
P.O. Drawer C  
DUCHESNE, UTAH 84021  
(801) 738-5352

## ONSHORE OIL AND GAS ORDER NO. 1

Drilling Plan

CNG Producing Company  
 River Bend Unit  
 RBU 5-13E  
 Section 13-T10S-R19E  
 2079' FNL & 707' FWL  
 Uintah County, Utah

1. Estimated Tops of Important Geologic Markers

<u>Formation</u>	<u>Depth</u>	<u>Datam</u>
Surface	0'	+5104
Wasatch Tongue	4217'	+ 901
Green River Tongue	4574'	+ 544
Wasatch	4738'	+ 380
Chapita Wells	5458'	- 340
Utteland Buttes	6482'	-1364
Total Depth	6650'	

2. Estimated Depths of Anticipated Water, Oil, Gas or Minerals

<u>Formation</u>	<u>Depth</u>	<u>Remarks</u>
Green River Tongue	4574'	Oil
Wasatch	4738'	Gas
Chapita Wells	5458'	Gas
Utteland Buttes	6482'	Gas

3. Operators Minimum Specifications for Pressure Control

(See Exhibit "C")

Exhibit "C" is a schematic diagram of the BOPE. BOP's and choke manifold will be installed and pressure tested before drilling out casing cement plugs. BOP's and annular type preventers will be pressure tested to 1,500 psi. Preventers will be a minimum 3,000 psi working pressure. Pipe rams will be operated daily and blind rams as possible.

4. Proposed Casing Program

<u>Size of Casing</u>	<u>Weight &amp; Grade</u>	<u>Setting Depth</u>	<u>Quantity of Cement</u>
8-5/8"	24#, K-55	± 400'	Calculated to surface
5-1/2"	17#, K-55 & N-80	± 6650'	Calculated to surface

5. Proposed Mud Program

The well is to be drilled with a salt water mud system maintaining a weight of approximately 9#/gal with 10# gal saltwater weighting materials on location sufficient to weight up for pressure control. No chromates will be used in the drilling fluid.

6. Auxiliary Equipment to be Used

- A) Kelly Cock
- B) Full opening valve on floor with DP connection for use when kelly is not in string
- C) Pit volume indicator

7. Testing, Logging and Coring Program

A two (2) man mud logging unit will be in operation from base of surface casing to TD.

Testing: No DST's are anticipated

Coring: Possible sidewall cores of selected intervals

Logging: DLL-GR, FDC-CNL-Caliper

Exact logging detail and procedures will be prepared prior to reaching logging depth.

8. Any Abnormal Pressures or Temperatures

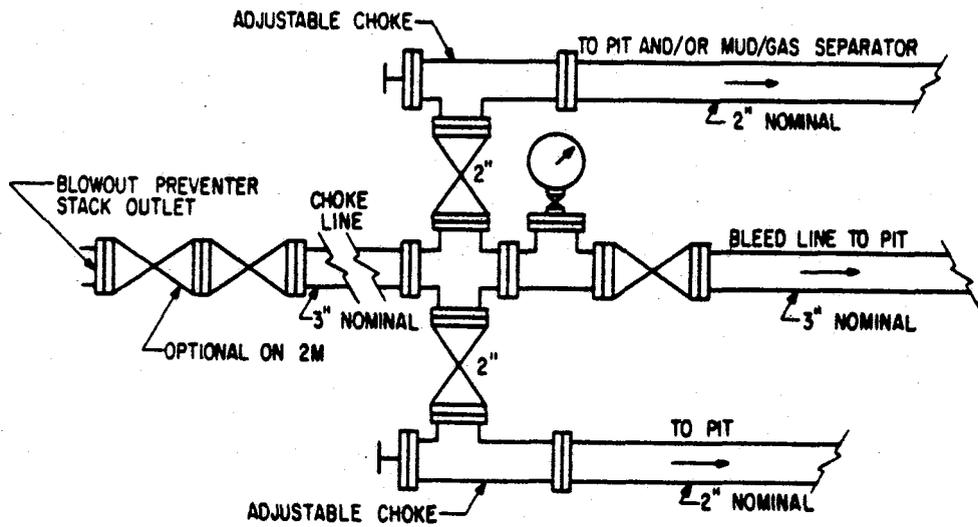
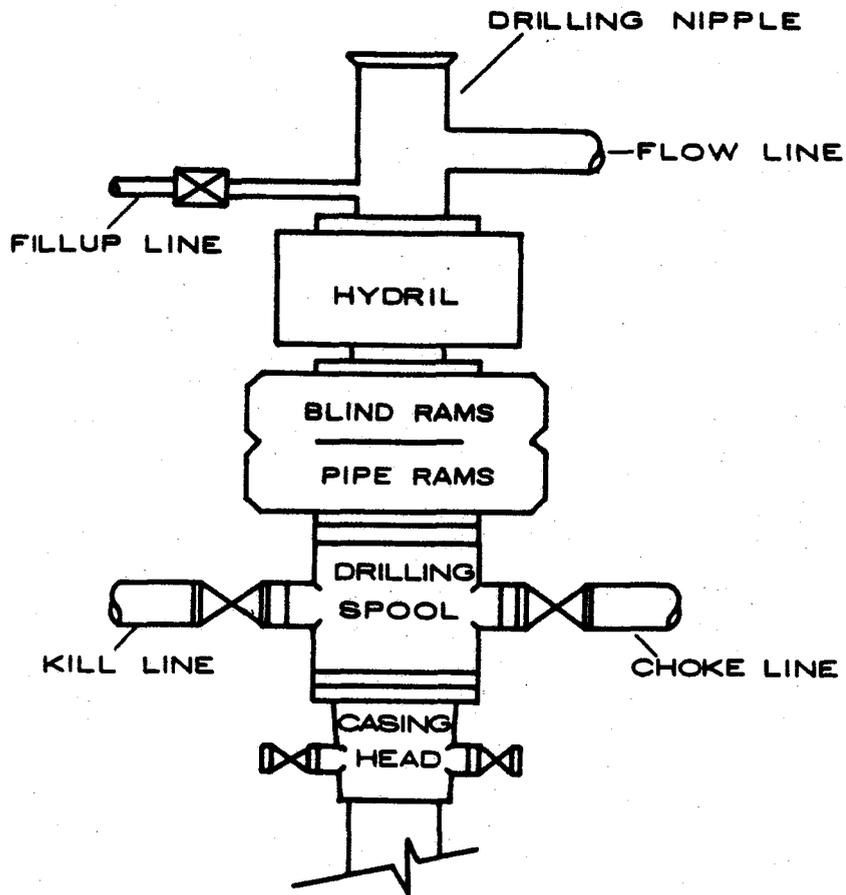
No abnormal pressures are anticipated nor is the area known for abnormal temperatures. The formations to be penetrated do not contain H<sub>2</sub>S gas. Maximum anticipated BHP is 2500 psi at total depth.

9. Anticipated Starting Date and Duration of Operations

Starting Date: August 27, 1986

Duration: 10 days

BOP STACK



ONSHORE OIL AND GAS ORDER NO. 1

Surface Use Plan

CNG Producing Company  
River Bend Unit  
RBU 5-13E  
Section 13-T10S-R19E  
2079' FNL & 707' FWL  
Uintah County, Utah

The operator or his contractor will contact the Vernal District BLM, Bookcliffs Resource Area, 48 hours prior to beginning any work on public lands.

The dirt contractor will be furnished with an approved copy of the surface use plan and any additional BLM stipulations prior to any work.

1. Existing Roads

- A. The proposed wellsite and elevation is shown on the plat, Exhibit "A". The location and existing roads are shown on Exhibit "E". There is no anticipated construction on any existing roads.
- B. The proposed wellsite is located in the River Bend Unit, approximately 10 miles SW of Ouray, Utah.

2. Access Roads To Be Constructed

- A. The construction of an access road approximately one-quarter mile long will be required as shown on Exhibit "E".
- B. Construction and maintenance of roads, rehabilitation of disturbed areas and construction of pipeline routes will be in accordance with surface use standards as set forth in the booklet, "Surface Operating Standards for Oil and Gas Exploration and Development".
  - (a) Width: Maximum of 30' right-of-way with road bed being 16'-18' and remainder of right-of-way to be used for barrow ditches.
  - (b) Maximum Grade: 8%
  - (c) Turnouts: None

- (d) Drainage: Drain ditches along either side of road where necessary for drainage. Material from barrow ditch used to build crown of road.
  - (e) Culverts: None
  - (f) Surface Material: Native dirt
  - (g) Gates, cattle guards, fence cuts: None
- C. All travel will be confined to existing access road rights-of-way.

3. Location of Existing Wells

All existing wells known in the area are shown on Exhibit "E". Wells within a one mile radius are listed below:

- A. Water Wells: None
- B. Abandoned Wells: None
- C. Temporarily Abandoned Wells: None
- D. Disposal Wells: None
- E. Drilling Wells: None
- F. Producing Wells: RBU 3-13E, RBU 11-13E,  
RBU 1-14E, RBU 3-14E, RBU  
11-14E, RBU 1-23E, RBU  
3-24E
- G. Shut-in Wells: RBU 9-13E
- H. Injection Wells: None
- I. Observation Wells: None

4. Location of Tank Batteries and Production Facilities

- A. The location of existing and/or proposed facilities owned or controlled by the lessee/operator within a one mile radius are shown on Exhibit "E".
  - (a) Tank Batteries: None
  - (b) Production Facilities: At above producing wells
  - (c) Oil Gathering Lines: None
  - (d) Gas Gathering Lines: At above producing wells
  - (e) Injection Lines: None
  - (f) Disposal Lines: None
- B. It is contemplated that, in the event of production, all new facilities will be easily accommodated on the drill pad. The dimensions of the production facilities and their orientation is shown on Exhibit "F". Location of production facilities will be per Conditions of Approval for Notice to Drill.

- C. Concrete and gravel as needed will be purchased from private sources.
- D. Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried from the wellhead to the meter and securely anchored at the meter. Oil and gas measurement facilities will be installed on the wellsite. 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 quarterly thereafter. The Vernal BLM will be notified of the date and time of initial meter calibration and future meter proving schedules. Copies of meter calibration reports will be submitted to the Vernal BLM District office. All measurement facilities will conform with API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.
- E. All permanent structures constructed or installed, including pumpjacks, will be painted a flat, non-reflective, earth tone color to match the standard environmental colors as determined by the Rocky Mountain 5 State Interagency Committee. Facilities required to comply with O.S.H.A. will be excluded.
- F. Pits will be fenced to minimize any hazard to sheep, cattle, antelope and other animals that graze the area. Flagging material will be used as needed if water or other fluid is produced.
- G. All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.

5. Location and Type of Water Supply

Water for drilling purposes will be hauled from the Green River permit #T5975049-1283 or from the OSC #1 water well permit #54801 (49-367).

6. Source of Construction Material

Road surfacing and pad construction material will be native soil consisting of sandy-clay, sandstone and shale gathered in actual construction of the road and location. Construction materials will be located on the lease. The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3 regulations.

7. Methods of Handling Waste Disposal

- A. Drill cuttings will be buried in the reserve pit when covered.
- B. All drilling fluids will be handled in the reserve pit. Location as determined in Conditions of Approval for Notice to Drill.
- C. Should air assist be used in drilling operations a blowie pit will be necessary. The pit will be located on location and in a manner that will not create any additional surface disturbance.
- D. Any fluids produced during the testing will be collected in test tanks, water drained to the pit, and the oil saved.
- E. Sewage will be handled by portable chemical toilets.
- F. There will be no burning. Garbage and other waste material will be enclosed in a wire mesh container, and then disposed of in an approved waste disposal pit.
- G. After the rig moves out, all materials will be cleaned up and no adverse materials will be left on location. Any dangerous pit will be fenced or covered.

8. Ancilliary Facilities

No additional facilities not described herein are anticipated.

9. Wellsite Layout

- A. Exhibit "G" is the wellsite layout at a scale of 1" = 40'.
- B. The access to the well pad is shown on Exhibit "E".
- C. Stock piling of top soil will be per BLM Conditions of Approval for Notice to Drill.
- D. Reserve pits will be fenced with a wire mesh fence and topped with at least one strand of barbed wire.

10. Plans for Restoration of Surface

- A. Upon completion of drilling, the location and surrounding area will be cleared of all debris, material, trash and junk not required for production. All trash will be hauled to a local sanitary landfill.
- B. The operator or his contractor will contact the Vernal BLM, Bookcliffs Resource Area, 24 hours prior to starting rehabilitation work that involves earth moving equipment and upon completion of restoration measures.
- C. Before any dirt work to restore the location takes place, the reserve pit will be completely dried and all trash (cans, barrels, pipe, etc.) will be removed. The reserve pit and that portion of the location and access road not needed for production or production facilities will be reclaimed within a reasonable time period.
- D. All disturbed areas will be recontoured to the approximate natural contours.
- E. Prior to reseeding, the operator will consult with the Vernal BLM for an approved seeding mixture. Then all disturbed areas, including access roads, will be scarified and left with a rough surface.
- F. Seed will be broadcast or drilled at a time specified by the BLM. If broadcast, a harrow or some other implement will be dragged over the seeded area to assure seed coverage.

11. Surface and Mineral Ownership

Bureau of Land Management  
Vernal District Office  
Bookcliffs Resource Area  
170 South 500 East  
Vernal, Utah 84078

12. Other Information

- A. If required, archaeological clearance will be submitted to the Vernal BLM. If any cultural resources are found during construction, all work will cease and the BLM notified.
- B. There will be no deviation from this proposed drilling program without prior approval of the BLM.

13. Lessee's or Operator's Representative

J. D. Holliman	or	Darwin Kulland
Manager of Production		District Superintendent
Western Production Division		Western Production Division
P. O. Box 2115		P. O. Box 1360
Tulsa, OK 74101		Roosevelt, UT 84066
Phone: (918) 599-4001		(801) 722-4521
or (918) 627-4739		(801) 722-3892

14. Certification

I hereby certify that I, or the persons under my direct supervision, have inspected the proposed drillsite 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 CNG Producing Company and 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.

4-14-86  
Date

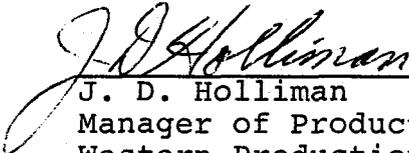
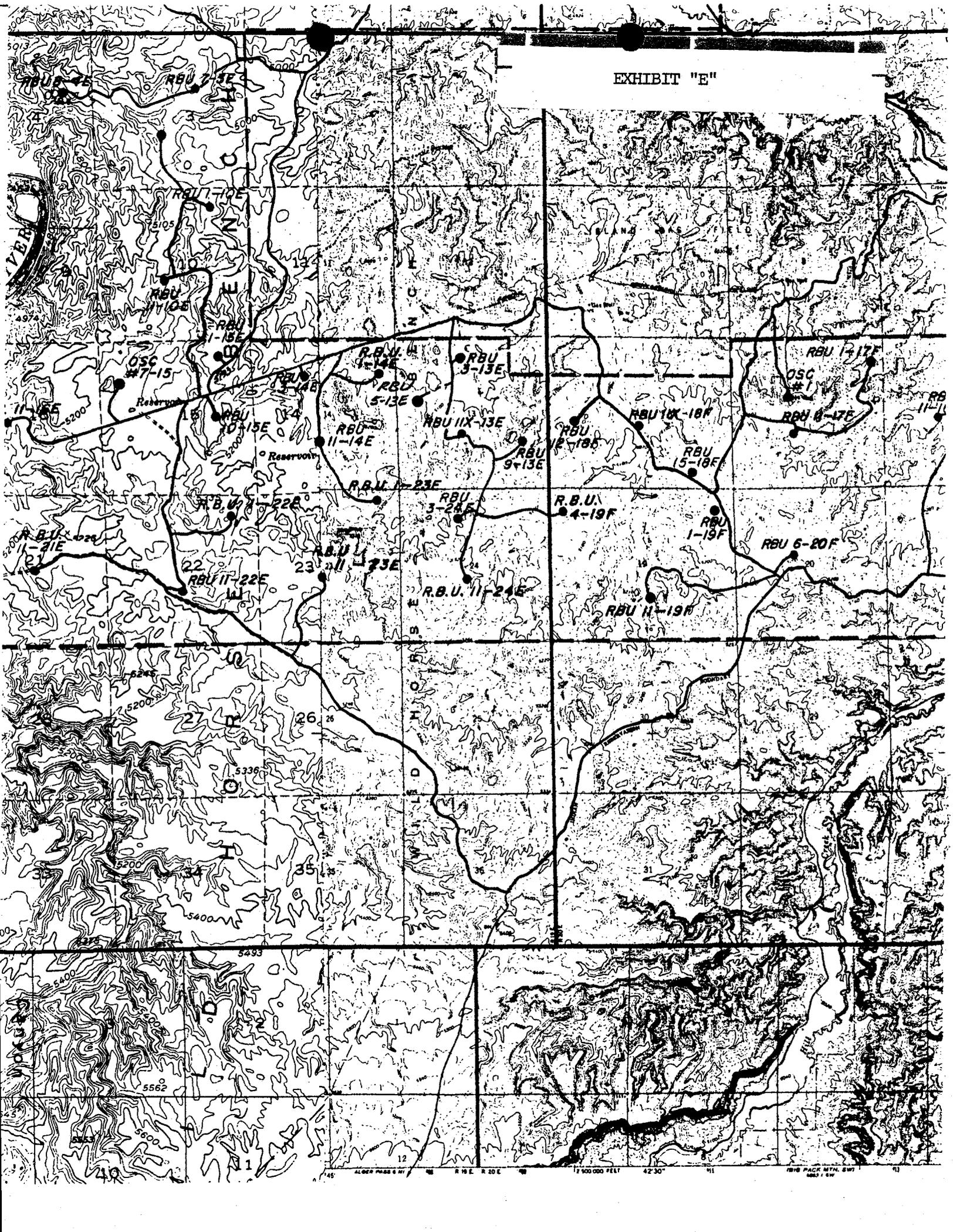
  
\_\_\_\_\_  
J. D. Holliman  
Manager of Production  
Western Production Division

EXHIBIT "E"



WELL

2-3/8", 4.7#, J-55 Tbg. →

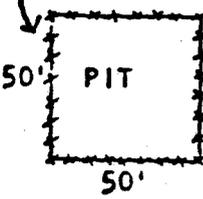
Flowline buried from wellhead to separator.

160'

Completely housed 3 phase separator. Metering system is a 3" Daniels Simplex Meter Run with Model 202A Barton Meter with 3 pen recorder. Barton Meter has 0-150° F thermometer and 100"-1000# spr Production meter will be calibrated in place prior to any deliveries.

Pit fenced with wire mesh.

1", 1.72#/ft, J-55 Seamless Tbg.



← WATER

Separator

1", 1.72#/ft, J-55, Seamless 300 Bbl. Tg. ↓ Tbg.

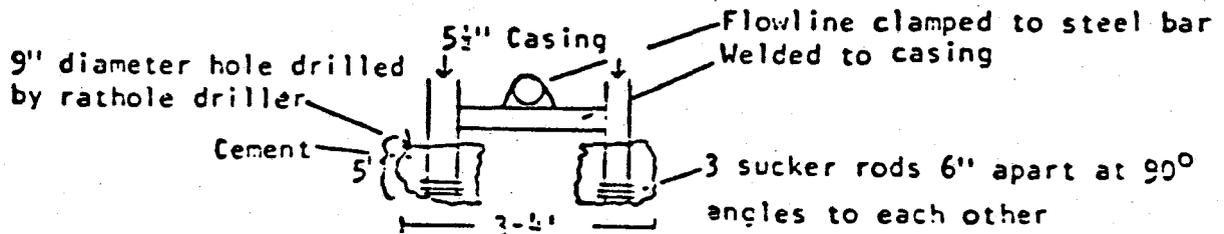
→ CONDENSATE

Blowdown line  
2-3/8", 4.7#, J-55  
60'

100'

Flowline laid on surface & tied down at separator and at edge of location as shown below.

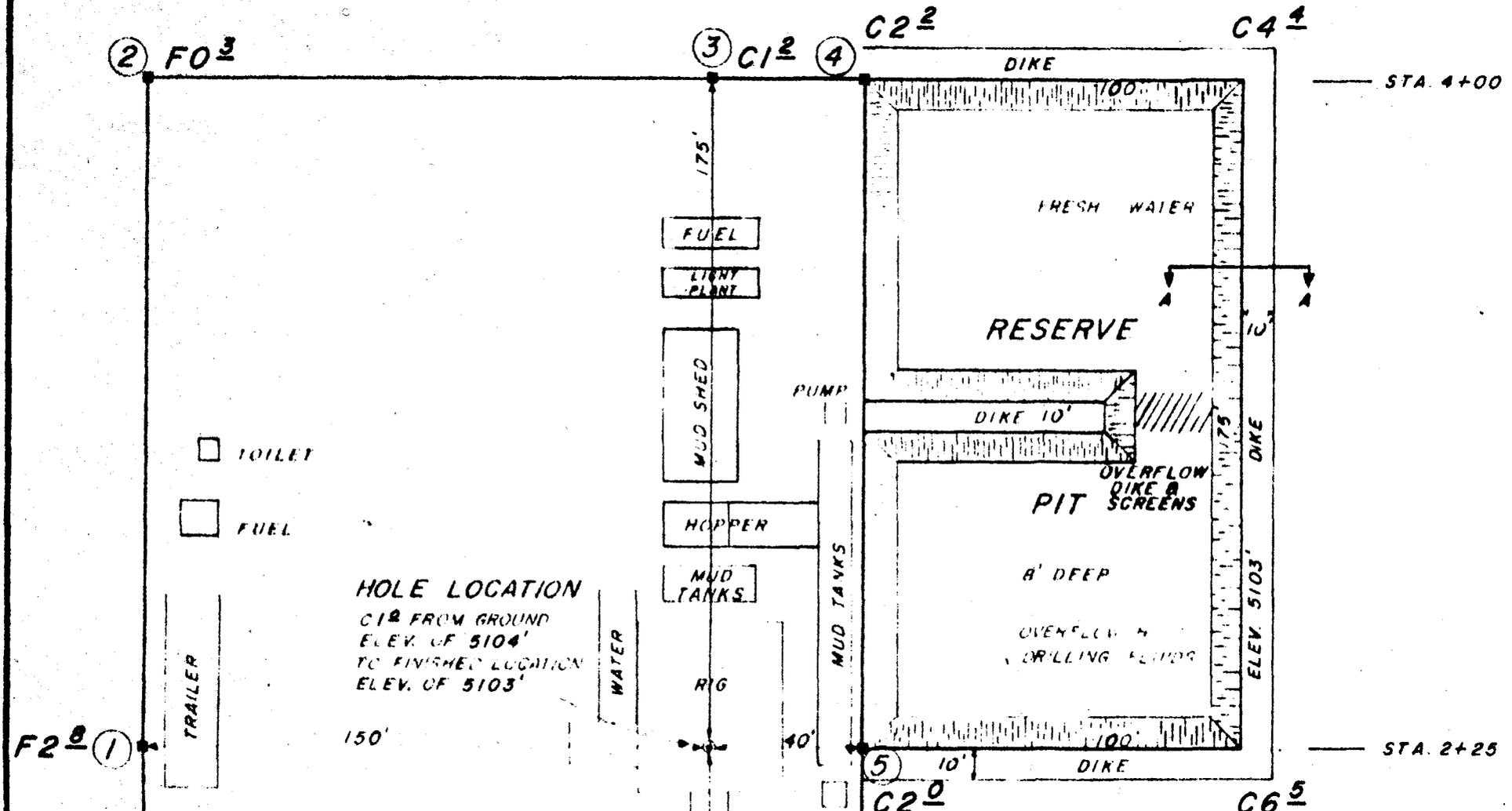
Tie-down Diagram

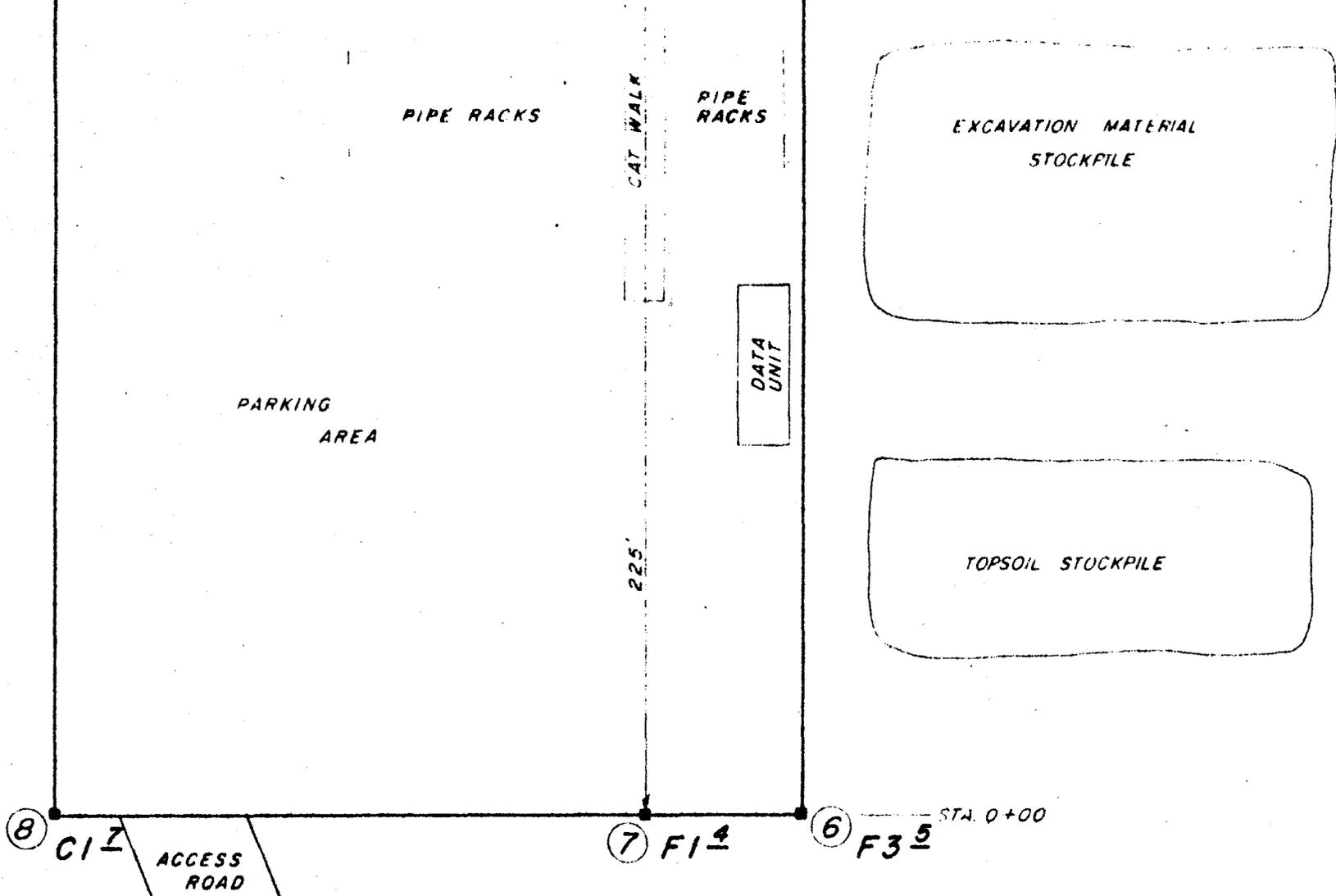


# CNG PROD

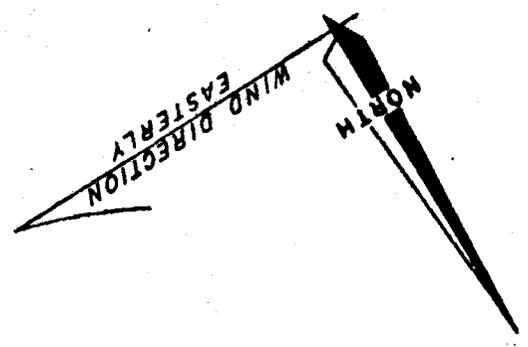
## WELL LAY

### R.B.U. 5





SCALE: 1" = 40'



Notes

THIS LOCATION IS SITUATED ON A LOW AREA AMONG LOW HILLS WITH GENERAL DRAINAGE TOWARD THE NORTH AND WILLOW CREEK. THE SOIL IS WEATHERED SANDSTONE AND SHALE.

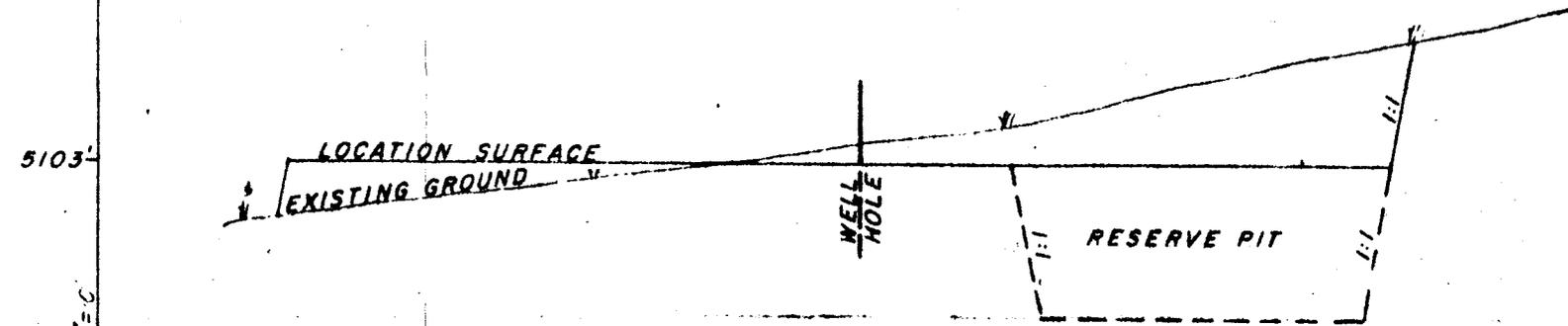
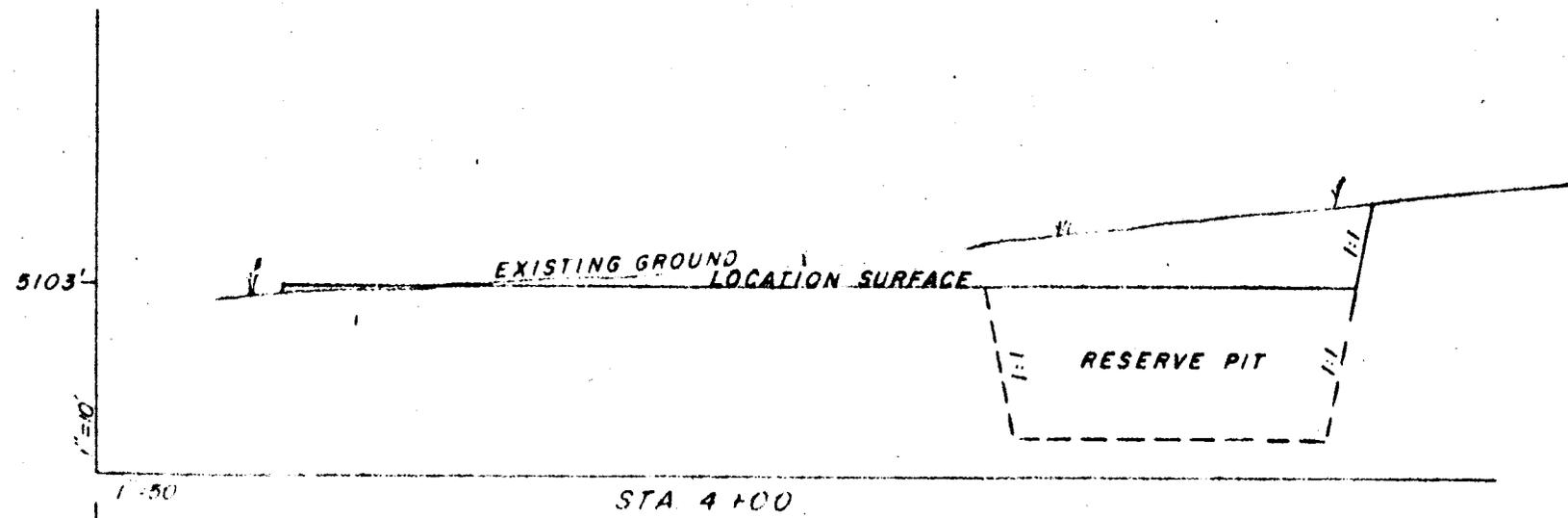
UCING CO.  
OUT PLAT  
-13E

RECEIVED  
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DIVISION OF  
OIL, GAS & MINING

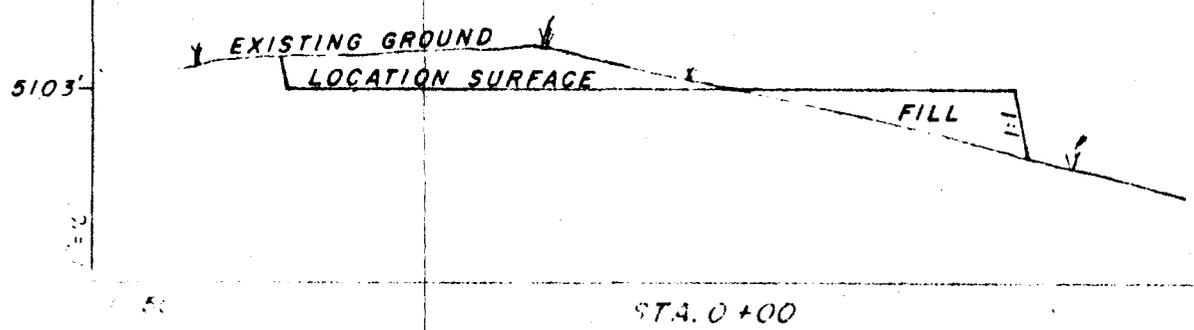
LOCATED IN THE SW<sup>1</sup>/<sub>4</sub> OF THE NW<sup>1</sup>/<sub>4</sub> OF  
SECTION 13, T10S, R19E, S.L.B.&M.

EXHIBIT "G"



1"=50'

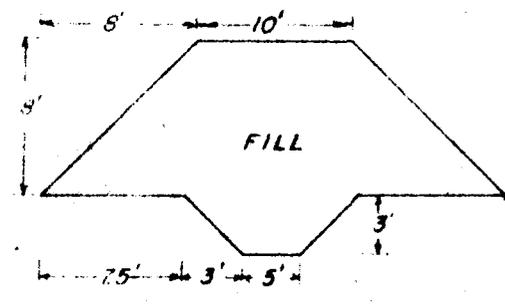
STA 2+25



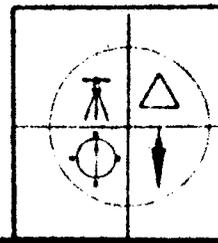
APPROXIMATE QUANTITIES

CUT: 10,900 Cu. Yds.

FILL: 1,740 Cu. Yds.



KEYWAY A ——— A



**JERRY D. ALLRED & ASSOCIATES**

Surveying & Engineering Consultants

121 North Center Street  
P.O. Drawer C  
DUCHESNE, UTAH 84021  
(801) 738-5352

OPERATOR CNG Producing Co. DATE 4-22-86

WELL NAME River Bend Unit 5-13E

SEC S W N W 13 T 105 R 19E COUNTY United

43-047-31715  
API NUMBER

3rd  
TYPE OF LEASE

CHECK OFF:

PLAT

BOND

NEAREST WELL

LEASE

FIELD

POTASH OR OIL SHALE

PROCESSING COMMENTS:

Unit Well - & on POD

Water & - #49-367

APPROVAL LETTER:

SPACING:

203

River Bend  
UNIT

302

CAUSE NO. & DATE

302.1

STIPULATIONS:

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



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

April 23, 1986

CNG Producing Company  
705 S. Elgin Avenue  
P. O. Box 2115  
Tulsa, Oklahoma 74101-2115

Gentlemen:

Re: Well Name: River Bend Unit 5-13E - SW NW Sec. 13, T. 10S, R. 19E  
2079' FNL, 707' FWL - Uintah County, Utah

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 203, Oil and Gas Conservation General Rules.

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

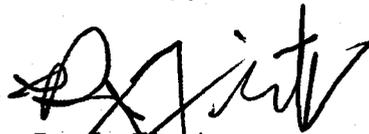
1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or R. J. Firth, Associate Director, (Home) 571-6068.
4. Compliance with the requirements and regulations of Rule 311.3, Associated Gas Flaring, Oil and Gas Conservation General Rules.
5. Prior to commencement of the proposed drilling operations, plans for toilet facilities and the disposal of sanitary waste at each drill site shall be submitted to the local health department having jurisdiction. Any such drilling operations and any subsequent well operations must be conducted in accordance with applicable State and local health department regulations. A list of all local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of General Sanitation, telephone (801) 533-6163.

Page 2  
CNG Producing Company  
Well Name: River Bend Unit 5-13E  
April 23, 1986

6. 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 43-047-31715.

Sincerely,



R. J. Firth  
Associate Director, Oil & Gas

as  
Enclosures  
cc: Branch of Fluid Minerals  
D. R. Nielson

8159T

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
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18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.      1950'

16. NO. OF ACRES IN LEASE TO THIS WELL      1097.87

19. PROPOSED DEPTH      6650

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 5104 GR

22. APPROX. DATE WORK WILL START\*  
 August 27, 1986

RECEIVED  
MAY 19 1986

5. LEASE DESIGNATION AND SERIAL NO.  
 U-013765

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 Sec. 13-T10S-R19E

12. COUNTY OR PARISH      13. STATE  
 Uintah      Utah

DIVISION OF  
OIL, GAS & MINERAL

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12 1/2"	8-5/8"	24	± 400'	Cement to surface
7-7/8"	5 1/2"	17	±6650'	Cmt. Calc. to surface

Subject development well will be drilled to the proposed depth and set casing as above if producible hydrocarbons are indicated. Should the well be plugged and abandoned, it will be done in accordance with instructions from the BLM. All Conditions for Approval of Notice to Drill will be adhered to.

Exhibits Attached

- "A" Plat
- "B" Drilling Plan
- "C" Blow Out Preventer Equipment
- "D" Surface Use Plan
- "E" Access Roads
- "F" Production Facilities
- "G" Wellsite Layout

RECEIVED  
APR 16 1986  
Vernal, Utah

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 Ray C. Bechtel TITLE Sr. Engineering Tech. DATE 4-14-86

(This space for Federal or State office use)

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

APPROVED BY [Signature] TITLE DISTRICT MANAGER DATE 5/16/86

CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

ut-080-GM-47  
B&M copy

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company CNG Producing Company Well No. RBU 5-13E  
Location Sec. 13 T10S R19E Lease No. U-013765

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 Order No. 1, 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.

**A. DRILLING PROGRAM**

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

All fresh 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.

Please notify Wayne Svejnoha of this office if any fresh water is encountered.

**2. Pressure Control Equipment**

BOP and choke manifold systems will be consistent with API RP 53. Pressure tests will be conducted before drilling out from under all casing strings which are set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

The District Office should be notified, with sufficient lead time, in order to have a BLM representative on location during pressure testing.

**3. Casing Program and Auxiliary Equipment**

The District Office should be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.

4. Mud Program and Circulating Medium

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.

5. Coring, Logging and Testing Program

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

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 not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two 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 (AO).

6. Notifications of Operations

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 a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The spud date will be reported orally to the AO within 48 hours after spudding. If the spudding occurs on a weekend or holiday, the report will be submitted on the following regular work day. The oral report will be followed up with a Sundry Notice.

In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 3160-6 "Monthly Report of Operations", starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed, in duplicate, to the Vernal BLM District Office, 170 South 500 East, Vernal, Utah 84078.

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

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

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than 5 days following the date on which the well is placed on production.

Pursuant to NTL-2B, with the approval of a District Engineer, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During the 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 District Engineer.

Pursuant to NTL-4A, lessees or operators are authorized to vent/flare gas during initial well evaluation tests, not exceeding a period of 30 days or the production of 50 MMCF of gas, whichever occurs first. An application must be filed with the District Engineer and approval received, for any venting/flaring of gas beyond the initial 30 day or 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 appropriate District Office within 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 15 days after receipt of the first production notice.

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within 30 days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

Pursuant to Onshore Oil and Gas Order No. 1, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in 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 or Indian lands.

7. Other Information

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

All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.

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 API standards for liquid hydrocarbons and the AGA standard 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 work-over 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."

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.

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).

Revised October 1, 1985

Date NOS Received 03/26/86

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

Company/Operator CNG Producing Company  
Well Name & Number River Bend Unit No. 5-13E  
Lease Number U-013765 2279'F NL 707'F WL  
Location SW  $\frac{1}{4}$  NW  $\frac{1}{4}$  Sec. 13 T. 10 S. R. 19 E.  
Surface Ownership Federal Public Lands Administered by the BLM

THIRTEEN POINT SURFACE USE PROGRAM:

1. Planned Access Roads

According to the sundry notice submitted May 8, 1986, access will be from the southeast. The cultural resource site encountered during the cultural resources survey of the original location would thereby be sufficiently avoided. Construction of the new access road will involve crossing an existing surface flowline. The new access road will be about 1,300 feet long.

All travel will be confined to existing access road rights-of-way.

Access roads and surface disturbing activities will conform to standards outlined in the USGS Publication (1978) Surface Operating Standards for Oil and Gas Development.

The road shall be upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Upgrading shall include ditching, draining, graveling, crowning, and capping the roadbed as necessary to provide a well constructed safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 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 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 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.

2. Location of Existing and/or Proposed Facilities

If a tank battery is constructed on this lease, the battery or the well pad will be surrounded by a dike of sufficient capacity to contain  $1\frac{1}{2}$  times the storage capacity of the battery. The integrity of the dike must be maintained.

3. Methods for Handling Waste Disposal

The reserve pit shall not be lined. It will be tested for leaks prior to drilling and may then, if the operator deems it desirable, be lined to conserve water and protect the environment from large leaks.

Produced waste water will be confined to an unlined pit or, if deemed necessary, a storage tank for a period not to exceed 90 days after first production. During the 90-day period an application for approval of a permanent disposal method and location, along with required water analysis, will be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance.

#### 4. Well Site Layout

All pits will be fenced with a wire mesh fence and topped with at least one strand of barbed wire. The reserve pit fencing will be on three sides during drilling operations and on the fourth side when the rig moves off the location. Any hydrocarbons on the pit will be removed from the pit as soon as possible after drilling operations are completed. Pits will be fenced and maintained until clean-up.

The fence will be constructed as prescribed in the USGS Publication (1978) Surface Operating Standards for Oil and Gas Development. Alternatives to the prescribed standards shall be submitted to the Authorized Officer for approval.

The location was moved 200 feet due south for archaeological reasons and to avoid an existing sandy area. The location was then rotated 50° clockwise for reasons of topography. The reserve pit would be on the north side of the pad. The stockpiled topsoil will be stored on the south side of the pad near Stakes 2, 1, and 8. It will be winrowed along the edge of the pad.

Access to the pad will be from the southeast and will enter the pad near corner No. 8. About 1,300 feet of new access will be required for the location.

#### 5. Plans for Restoration of Surface

Immediately upon well completion, the location and surrounding area will be cleared of all debris, materials, trash and junk not required for production.

Before any dirt work to restore the location takes place, the reserve pit must be completely dry and all cans, barrels, pipe, etc. will be removed. The reserve pit and that portion of the location and access road not needed for production facilities/operations will be reclaimed. The reserve pit will be reclaimed within one year from the date of well completion.

All disturbed areas will be recontoured to the approximate natural contours.

The stockpiled topsoil will be evenly distributed over the disturbed areas.

Prior to reseeding, all disturbed areas, including the access roads, will be scarified and left with a rough surface.

Seed will be broadcast or drilled at a time specified by the BLM. If broadcast, a harrow or some other implement will be dragged over the seeded area to assure seed coverage and the seed mixture will be proportionately larger (double the lbs. per acre).

An appropriate seed mixture will be determined by the BLM, either as part of the Conditions of Approval of the APD or at the time restoration activities are scheduled to begin.

All seeding will be done from September 1 until the ground freezes.

At such time as the well is plugged and abandoned, the operator will submit a surface reclamation plan to the Surface Management Agency for prescribed seed mixtures and reseeding requirements.

If the seeding is unsuccessful, the lessee/operator may be required to make subsequent seedings.

6. Other Additional Information

On BLM administered land, it is required that a proposed use of pesticide, herbicide or other possible hazardous chemicals shall be cleared for use prior to application.

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

This drilling permit will be valid for a period of one year from the date of approval. After permit termination, a new application will be filed for approval for any future operations.

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

Craig M. Hansen (801) 247-2318  
Assistant District Manager  
for Minerals

Gerald E. Kenczka (801) 781-1190  
Petroleum Engineer

R. Allen McKee (801) 781-1368  
Petroleum Engineer

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		7. UNIT AGREEMENT NAME Riverbend	
2. NAME OF OPERATOR CNG Producing Company		8. FARM OR LEASE NAME RBU	
3. ADDRESS OF OPERATOR 705 S. Elgin Ave., P.O. Box 2115, Tulsa, OK 74101-2115		9. WELL NO. 5-13E	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface <u>Corrected</u> 2279' FNL & 707' FWL		10. FIELD AND POOL, OR WILDCAT	
14. PERMIT NO. 43-047-31715		11. SEC., T., R., M., OR BLK. AND SUBST. OR AREA Sec. 13-T10S-R19E	
15. ELEVATIONS (Show whether 97, 97.0, etc.)		12. COUNTY OR PARISH Uintah	13. STATE Utah

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input checked="" type="checkbox"/>	(Other) <input type="checkbox"/>	

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locatives and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Due to the discovery of a cultural resource site by AERC (Report No. CNG-86-1), the location of this wellsite was moved 200' due south of the original staking. The drillsite was rotated 50° clockwise and access will be from the southeast. This action will enable CNG from disturbing those cultural resources.

RECEIVED  
MAY 08 1986  
DIVISION OF  
OIL, GAS & MINING

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

SIGNED Ang Bechtel TITLE Sr. Engineering Tech. DATE 5-5-86

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_  
CONDITIONS OF APPROVAL IF ANY:  
Federal approval of this action is required before commencing operations.

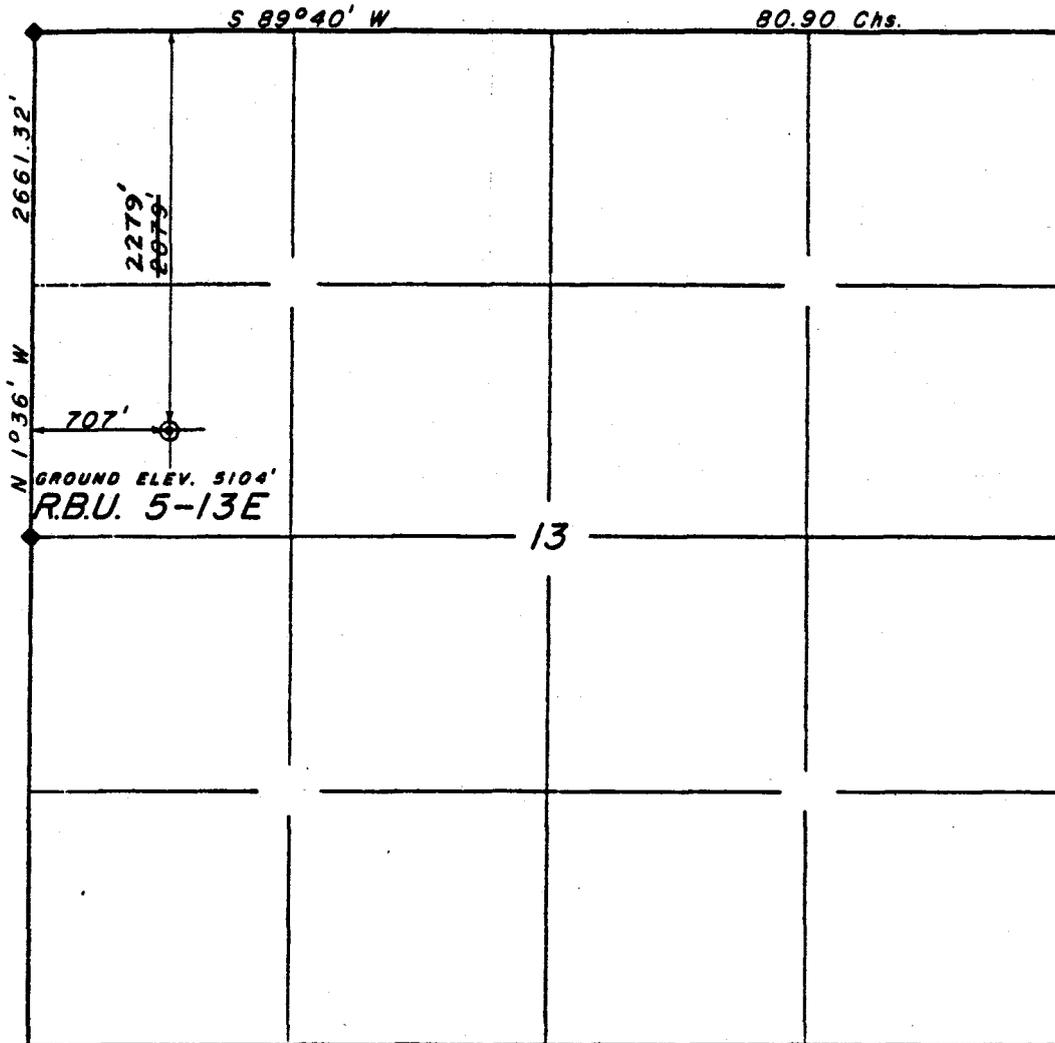
ACCEPTED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING  
DATE: 5-14-86  
BY: John R. Dyer

\*See Instructions on Reverse Side

**CNG PRODUCING CO.  
WELL LOCATION PLAT  
R.B.U. 5-13E**

LOCATED IN THE SW $\frac{1}{4}$  OF THE NW $\frac{1}{4}$  OF  
SECTION 13, T10S, R19E, S.L.B.&M.

EXHIBIT "A"



SCALE: 1"=1000'

**LEGEND & NOTES**

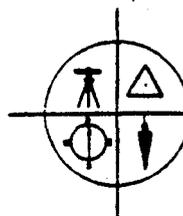
◆ ORIGINAL CORNERS FOUND AND USED BY  
THIS SURVEY.

THE GENERAL LAND OFFICE PLAT WAS USED  
FOR REFERENCE AND CALCULATIONS.

**SURVEYOR'S CERTIFICATE**

I hereby certify that this plat was prepared  
from field notes of an actual survey  
performed by me, during which the shown  
monuments were found or established.

*Jerry D. Allred*  
Jerry D. Allred, Registered Land  
Surveyor, Cert. No. 3817 (Utah)



**JERRY D. ALLRED & ASSOCIATES**  
Surveying & Engineering Consultants

121 North Center Street  
P.O. Drawer C  
DUCHESNE, UTAH 84021  
(801) 738-5352

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

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

1.  OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
CNG Producing Company

3. ADDRESS OF OPERATOR  
705 S. Elgin Ave., P.O. Box 2115, Tulsa, OK 74101-2115

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.  
See also space 17 below.)  
At surface  
Corrected  
2279' FNL & 707' FWL

14. PERMIT NO.  
43-047-31715

15. ELEVATIONS (Show whether of, ft., or, etc.)

5. LEASE DESIGNATION AND SERIAL NO.  
U-013765

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
Riverbend

8. FARM OR LEASE NAME  
RBU

9. WELL NO.  
5-13E

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR B.L.E. AND SURVEY OR AREA  
Sec. 13-T10S-R19E

12. COUNTY OR PARISH  
Uintah

13. STATE  
Utah

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF " <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDISE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDISING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANE <input checked="" type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Due to the discovery of a cultural resource site by AERC (Report No. CNG-86-1), the location of this wellsite was moved 200' due south of the original staking. The drillsite was rotated 50° clockwise and access will be from the southeast. This action will enable CNG from disturbing those cultural resources.

RECEIVED  
MAY 19 1986

DIVISION OF  
OIL, GAS & MINING



18. I hereby certify that the foregoing is true and correct  
SIGNED Ang Becktal TITLE Sr. Engineering Tech. DATE 5-5-86

(This space for Federal or State Dept use)

APPROVED BY [Signature] TITLE DISTRICT MANAGER DATE 5/16/86  
CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL See Instructions on Reverse Side

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

BLM-86-05-11-A

DL

Form 3160-5  
(November 1983)  
(Formerly 9-331)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

080709

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.  
U-013765

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL  GAS WELL  OTHER

7. UNIT AGREEMENT NAME  
River Bend Unit

2. NAME OF OPERATOR  
CNG Producing Company

8. FARM OR LEASE NAME  
RBU

3. ADDRESS OF OPERATOR  
705 S. Elgin Ave., P.O. Box 2115, Tulsa, OK 74101-2115

9. WELL NO.  
5-13E

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface  
2279' FNL & 707' FWL

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA  
Sec. 13-T10S-R19E

14. PERMIT NO.  
43-047-31715

15. ELEVATIONS (Show whether SP, ST, OR, etc.)  
5104 GR

12. COUNTY OR PARISH 13. STATE  
Uintah Utah

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF   
FRACTURE TREAT   
SHOOT OR ACIDIZE   
REPAIR WELL   
(Other)   
PULL OR ALTER CASING   
MULTIPLE COMPLETE   
ABANDON\*   
CHANGE PLANE

WATER SHUT-OFF   
FRACTURE TREATMENT   
SHOOTING OR ACIDIZING   
(Other)   
REPAIRING WELL   
ALTERING CASING   
ABANDONMENT\*

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

CNG Producing Company requests permission to move the existing well location approximately 200' to the south. This action is requested to optimize the spacing and drainage pattern for this well. New survey plats and wellsite layout diagrams will be submitted when completed.

RECEIVED

AUG 04 1986

DIVISION OF OIL  
GAS & MINING

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

SIGNED [Signature]

TITLE Sr. Engr. Tech.

DATE 7/31/86

(This space for Federal or State office use)

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

TITLE \_\_\_\_\_

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

DATE 8-6-86  
[Signature]

Federal approval of this order  
is required before commencing  
operations.

\*See Instructions on Reverse Side

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



080710

Del.

# ARCHEOLOGICAL - ENVIRONMENTAL RESEARCH CORPORATION

P.O. Box 853 Bountiful, Utah 84010  
Tel: (801) 292-7061, 292-9668

**RECEIVED**

**AUG 05 1986**

August 4, 1986

**DIVISION OF OIL  
GAS & MINING**

**Subject: AN ADDENDUM TO THE AERC CULTURAL RESOURCE REPORT "EVALUATIONS OF SIX PROPOSED WELL LOCATIONS IN THE RIVER BEND UNIT OF UINTAH COUNTY, UTAH" DATED April 14, 1986 (see CNG-86-1)**

**Project: CNG Producing Company, a reevaluation of Units 13-13E, 15-13E and 5-13E** 43.047.31715

**Project No.: CNG-86-2A**

**Permit No.: Dept. of Interior 85-Ut-54937  
Utah State U-86-AF-209b**

**To: Mr. Darwin Kulland, Consolidated Natural Gas Company, P.O. Box 1360, Roosevelt, Utah 84066**

**Mr. Lloyd Ferguson, District Manager, Bureau of Land Management, 170 South 500 East, Vernal, Utah 84078**

**Ms. Arleen Sollis, Utah State Division of Oil, Gas & Mining, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203**

**Info: Antiquities Section, Division of State History, 300 Rio Grande, Salt Lake City, Utah 84101**

**Mr. Rich Fike, BLM State Archeologist, Bureau of Land Management, CFS Financial Center Bldg., 324 South State, Salt Lake City, Utah 84111-2303**

U.S.  
Department of the Interior  
Bureau of Land Management  
Utah State Office  
(AERC FORMAT)

Project U 8 6 - A F 2 0 9 b  
Authorization 1 10  
Report Acceptable Yes \_\_\_ No \_\_\_  
Mitigation Acceptable Yes \_\_\_ No \_\_\_  
Comments: \_\_\_\_\_

Summary Report of  
Inspection for Cultural Resources

**A d d e n d u m C N G R e p o r t o f 4 / 1 4 / 8 6**

1. Report Title . . . . . 11 CNG Producing Company Units 13-13E, 15-13E & 5-13E

2. Development Company 0 4 8 1 9 8 6 85-UT-54937

3. Report Date . . . . . 41 42 43 46 4. Antiquities Permit No. \_\_\_\_\_

5. Responsible Institution . . . . . A E R C C N G - 8 6 - 2 A Uintah County \_\_\_\_\_

6. Fieldwork 1 0 S 1 9 E 1 3  
Location: TWN . . . . . RNG . . . . . Section. . . . .  
62 65 66 69 70 71 72 73 74 75 76 77

7. Resource Area TWN . . . . . RNG . . . . . Section. . . . .  
B C 78 81 82 85 86 87 88 89 90 91 92 93  
110 111 TWN . . . . . RNG . . . . . Section. . . . .  
94 97 98 101 102 104 106 108

8. Description of Examination Procedures:  
The archeologist, F.R. Hauck, walked a series of 15 meter wide transects to evaluate the new localities where these proposed well locations had been restaked in order to evaluate the surfaces not previously included in the earlier AERC evaluations (see CNG-86-1 Report of 4-14-86).

9. Linear Miles Surveyed . . . . . 2 5 10. Inventory Type . . . . . I  
and/or 112 117 130  
Definable Acres Surveyed . . . . . R = Reconnaissance  
and/or 118 123 I = Intensive  
Legally Undefinable 1 0 S = Statistical Sample  
Acres Surveyed . . . . .  
124 129

1. Description of Findings: 12. Number 0  
No cultural resource materials or activity Sites Found . . . . .  
loci were observed or recorded during the (No sites = 0) 131 135  
evaluation. N  
13. Collection: . . . . .  
(Y = Yes, N = No) 136

4. Actual/Potential National Register Properties Affected:  
The National Register of Historic Places has been consulted and no registered properties will be affected by the proposed development.

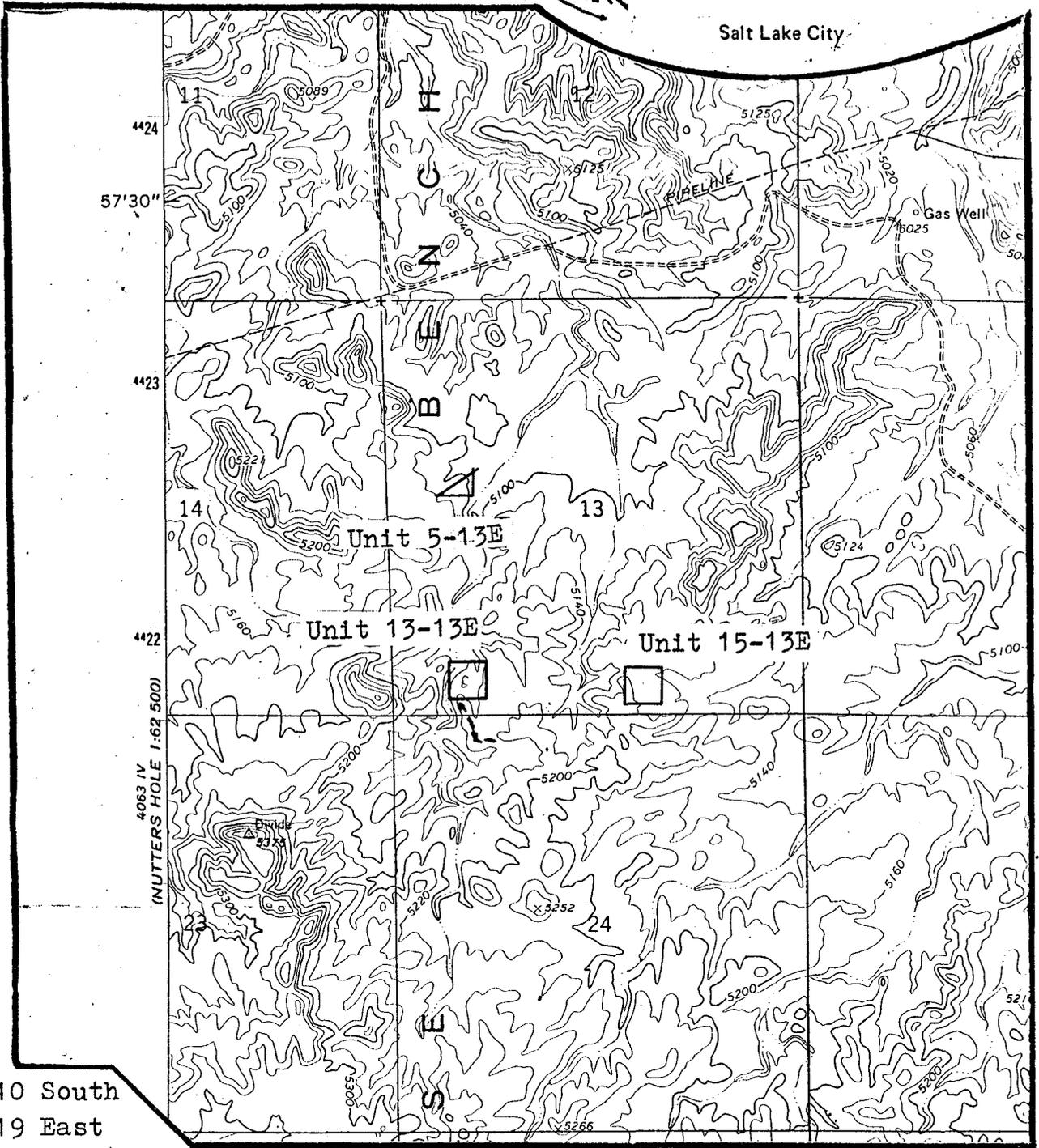
5. Literature Search, Location/ Date: Utah SHPO - 4-14-86  
BLM Office in Vernal- 4-11-86

6. Conclusion/ Recommendations:  
AERC recommends that a cultural resource clearance be granted to CNG Production Company based upon adherence to the following stipulations: (see reverse)

7. Signature of Administrator & Field Administrator \_\_\_\_\_  
& Field Supervisor Field Supervisor \_\_\_\_\_  
UT 8100-3  
(2/85)



Salt Lake City



T. 10 South  
R. 19 East

Meridian: Salt Lake B. & M.

Quad:

Big Pack Mtn. NW,  
Utah

7.5 minute-USGS



Project: CNG-86-2A

Series: Uinta Basin

Date: 8-4-86

Cultural Resource Survey  
of Three Well Relocations  
in the River Bend Unit of  
Uintah County, Utah  
ADDENDUM TO CNG-86-1

Legend:

Survey Area 

Access Route 



2.64" = 1 mile  
Scale

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate  
(Other instructions on re-  
verse side) 031830

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME River Bend Unit	
2. NAME OF OPERATOR CNG Producing Company		8. FARM OR LEASE NAME RBU	
3. ADDRESS OF OPERATOR 705 S. Elgin Ave., P.O. Box 2115, Tulsa, OK 74101-2115		9. WELL NO. 5-13E	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <u>Corrected</u> 2452' FNL & 803' FWL		10. FIELD AND POOL, OR WILDCAT	
14. PERMIT NO. 43-047-31715		11. SEC., T., R., M., OR BLM, AND SURVEY OR AANA Sec. 13-T10S-R19E	
15. ELEVATIONS (Show whether SP, ST, OR, etc.) 5107 GR		12. COUNTY OR PARISH 13. STATE Uintah Utah	

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON

CHANGE PLANS

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

CNG Producing Company submits for approval the new survey plat and wellsite layout diagram for this well. Upon approval, CNG will commence location construction.

RECEIVED  
AUG 15 1986

DIVISION OF  
OIL, GAS & MINING

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

SIGNED Margaret Beutler

TITLE Sr. Engineering Tech.

DATE 8-12-86

(This space for Federal or State office use)

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

TITLE \_\_\_\_\_

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

DATE: 8-18-86

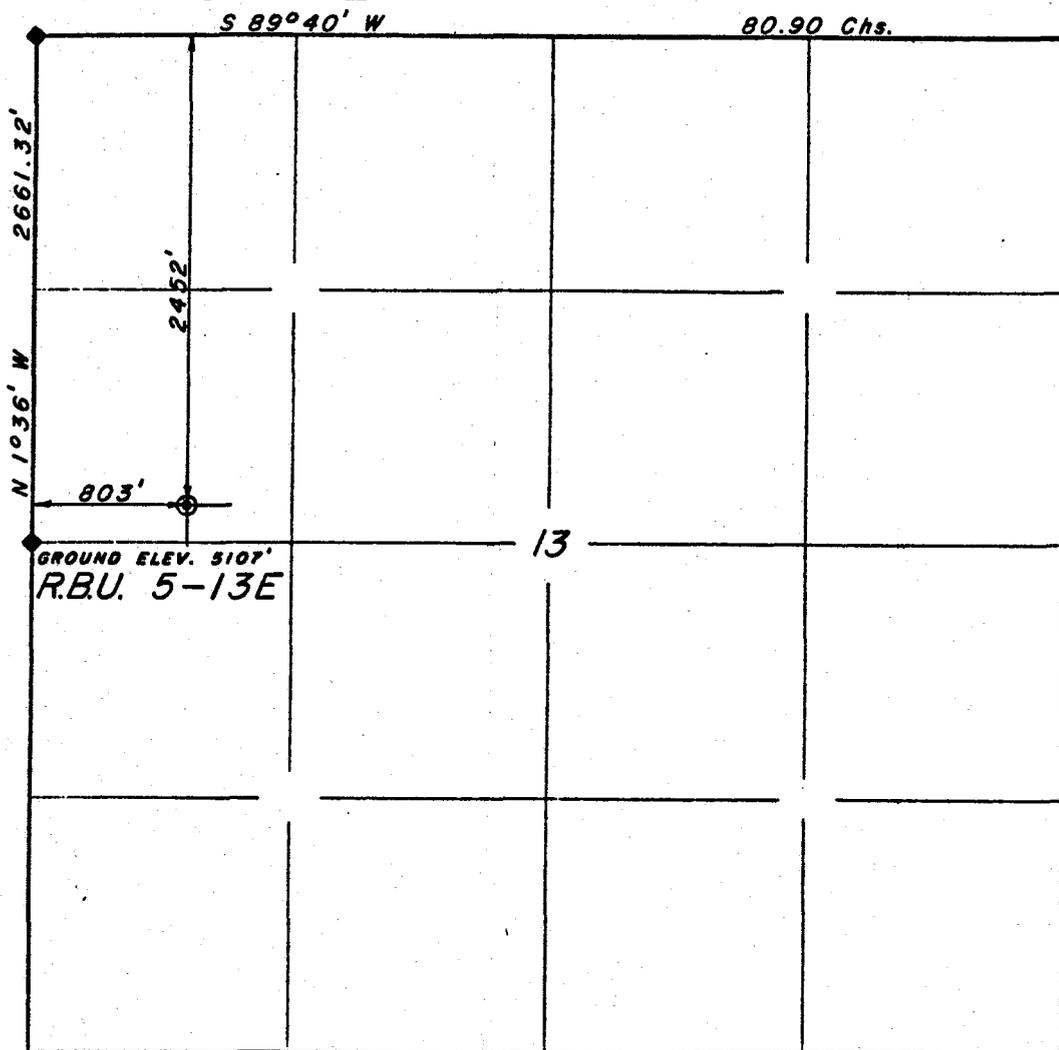
BY: [Signature]

Federal approval of this action  
is required before commencing  
operations.

\*See Instructions on Reverse Side

**CNG PRODUCING CO.  
WELL LOCATION PLAT  
R.B.U. 5-13E**

LOCATED IN THE SW $\frac{1}{4}$  OF THE NW $\frac{1}{4}$  OF  
SECTION 13, T10S, R19E, S.L.B.&M.



SCALE: 1"=1000'

**LEGEND & NOTES**

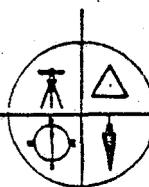
◆ ORIGINAL CORNERS FOUND AND USED BY  
THIS SURVEY.

THE GENERAL LAND OFFICE PLAT WAS USED  
FOR REFERENCE AND CALCULATIONS.

**SURVEYOR'S CERTIFICATE**

I hereby certify that this plat was prepared  
from field notes of an actual survey  
performed by me, during which the shown  
monuments were found or established.

*Jerry D. Allred*  
Jerry D. Allred, Registered Land  
Surveyor, Cert. No. 3817 (Utah)



**JERRY D. ALLRED & ASSOCIATES**  
Surveying & Engineering Consultants

121 North Center Street  
P.O. Drawer C  
DUCHESNE, UTAH 84021  
(801) 738-5352

REV.  
29 July '86

79-128-142

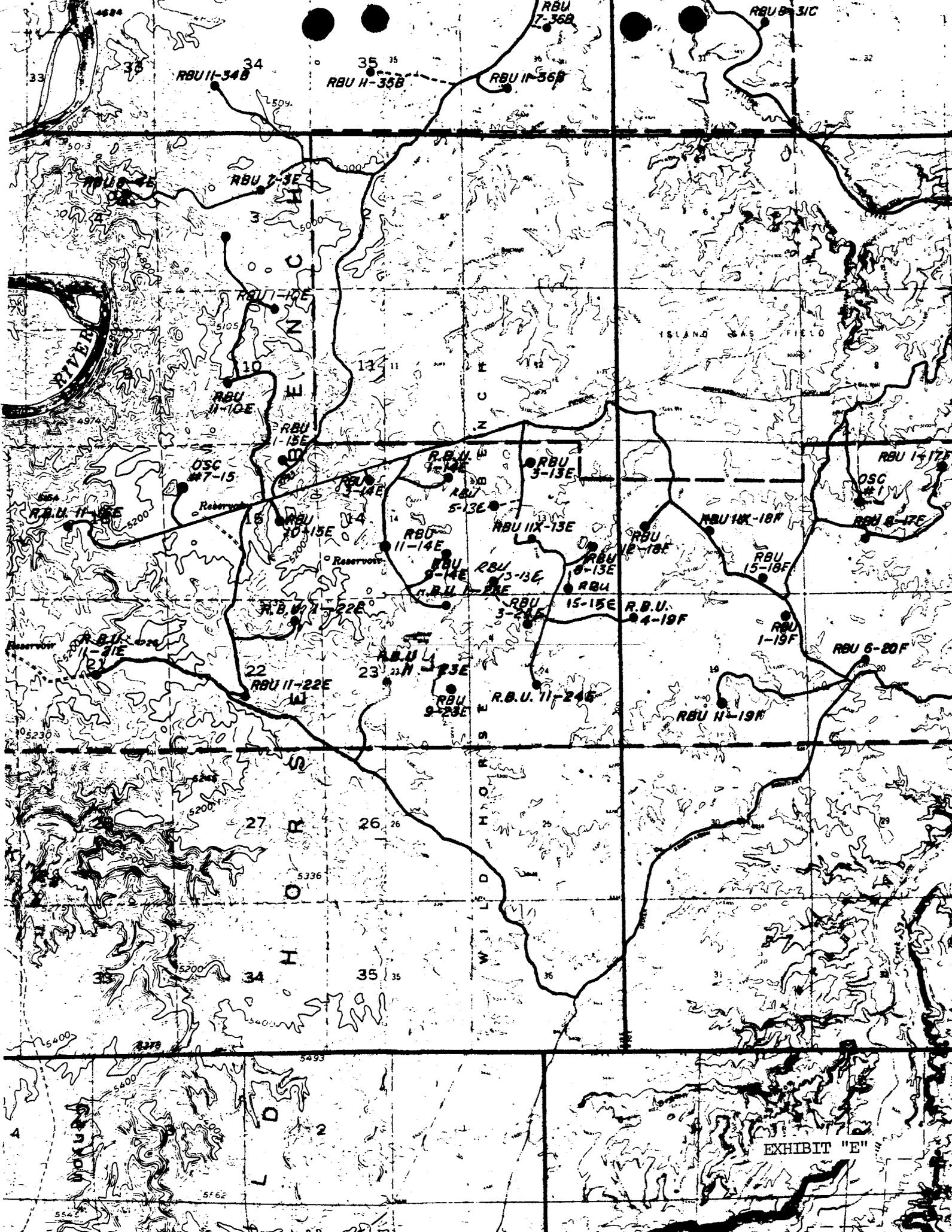
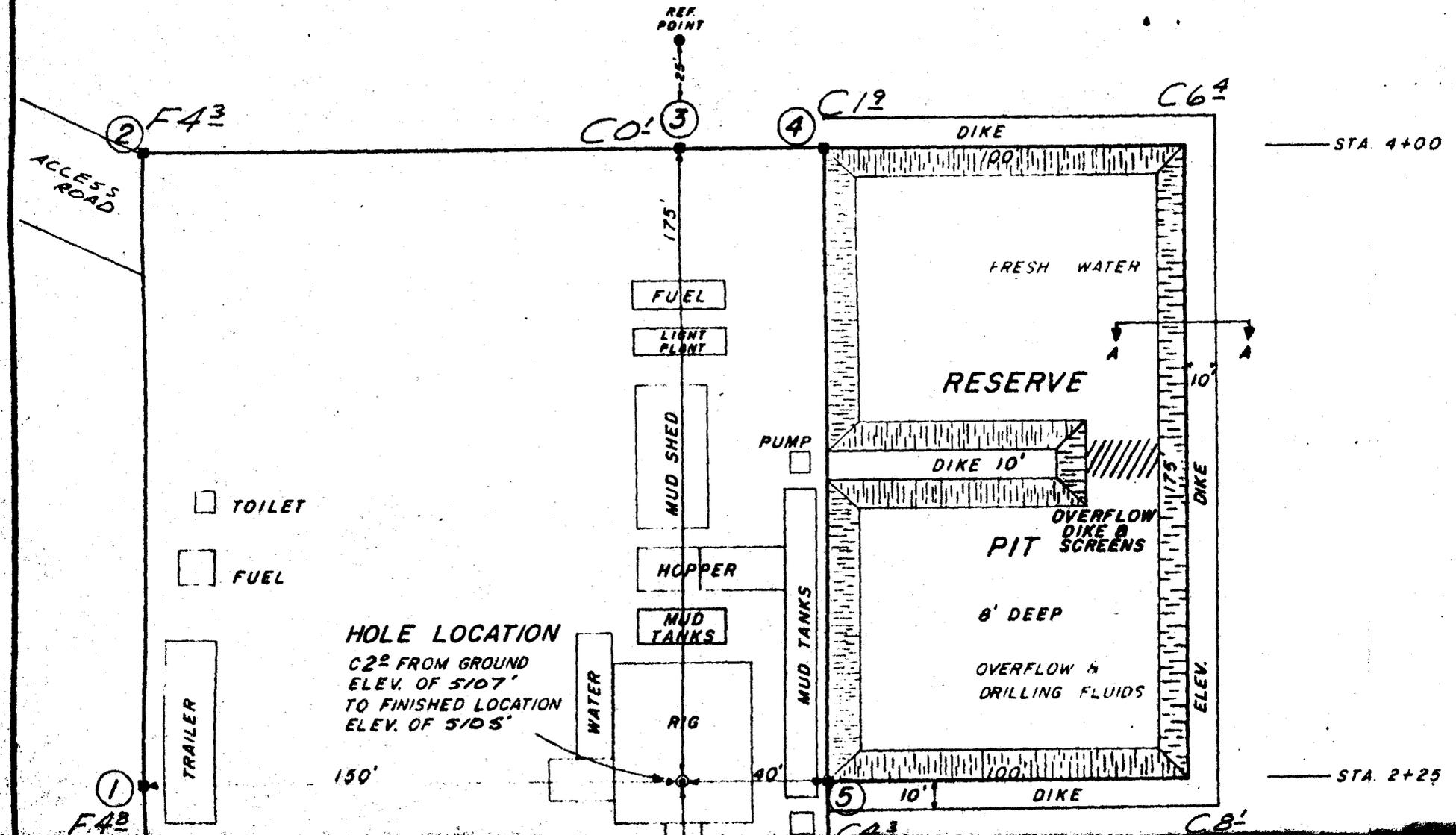


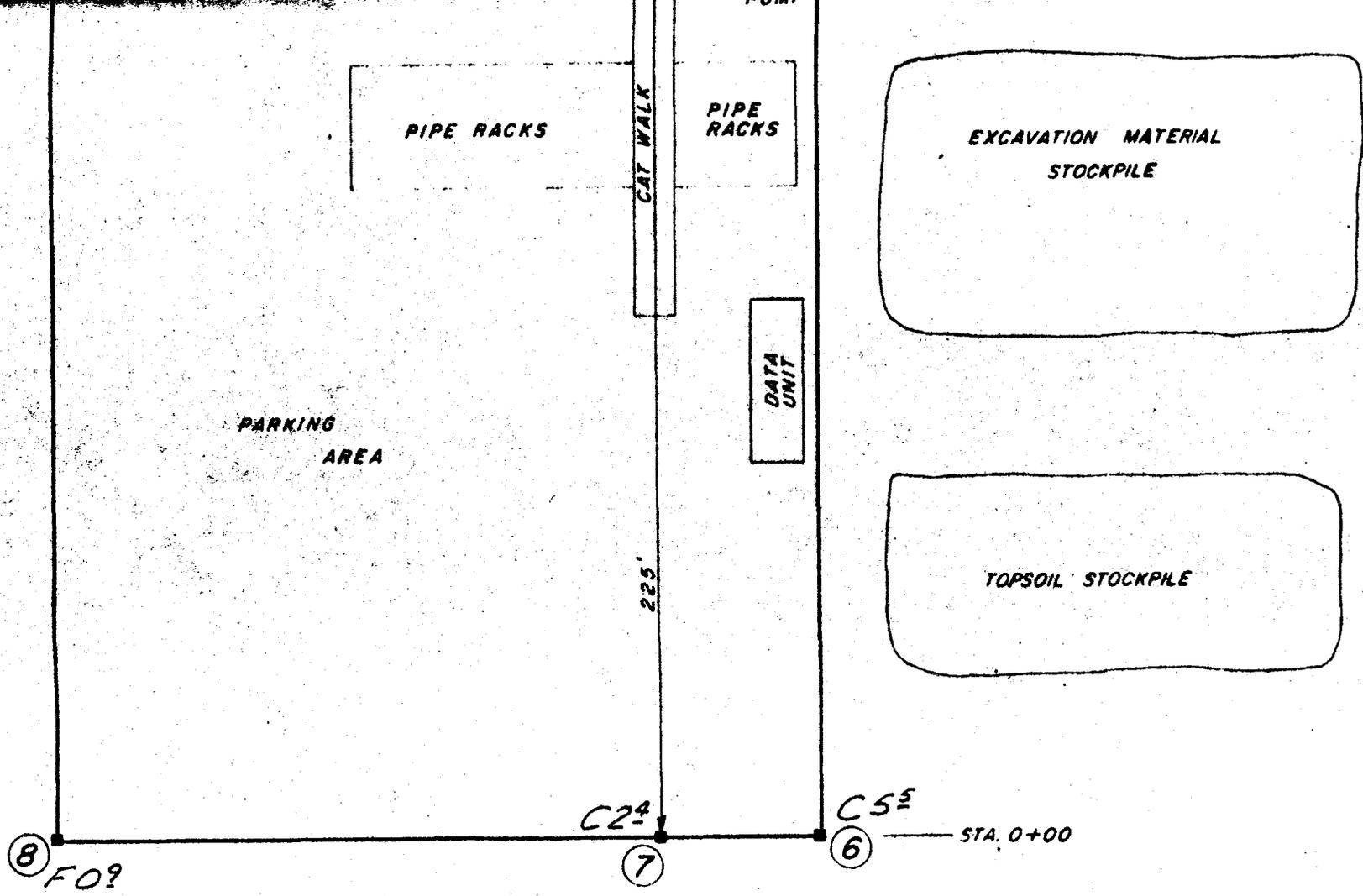
EXHIBIT "E"

# CNG PRODU

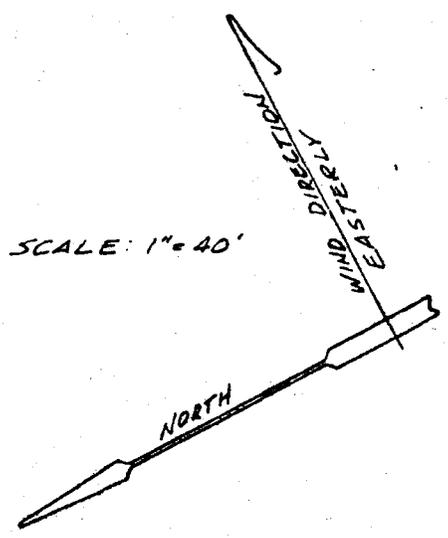
## WELL LAYO

R.B.U. 5-





SCALE: 1" = 40'



Notes

THIS LOCATION IS SITUATED ON A LOW AREA AMONG LOW HILLS WITH GENERAL DRAINAGE TOWARD THE NORTH AND WILLOW CREEK. THE SOIL IS WEATHERED SANDSTONE AND SHALE.

ING CO.

T PLAT

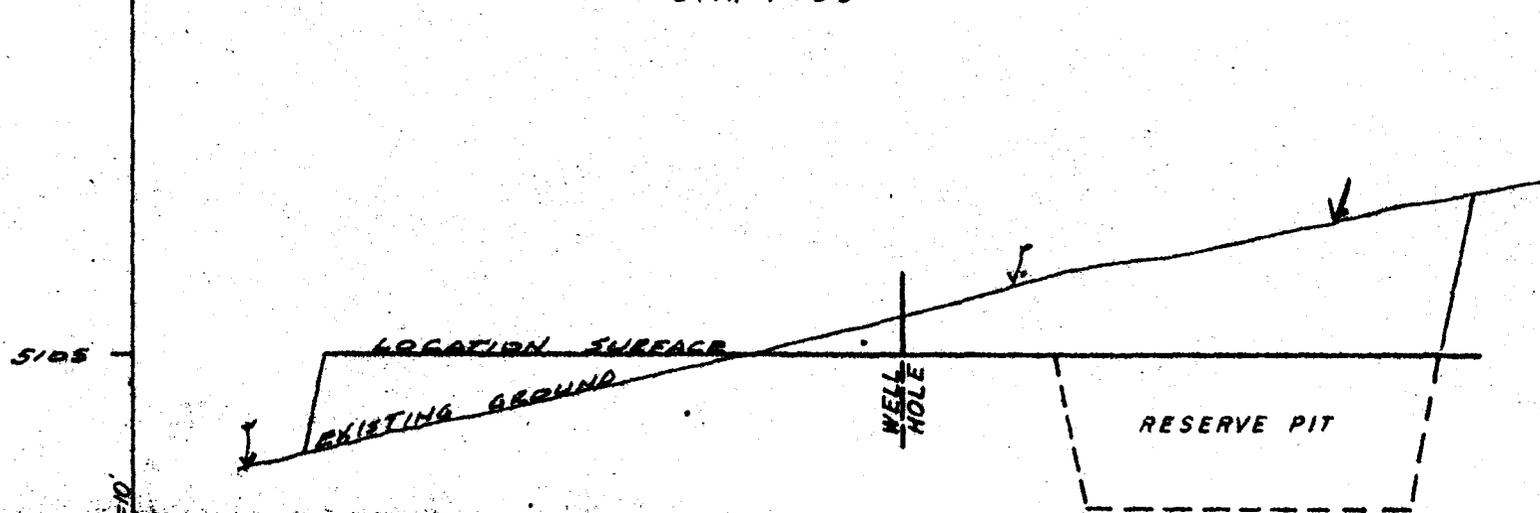
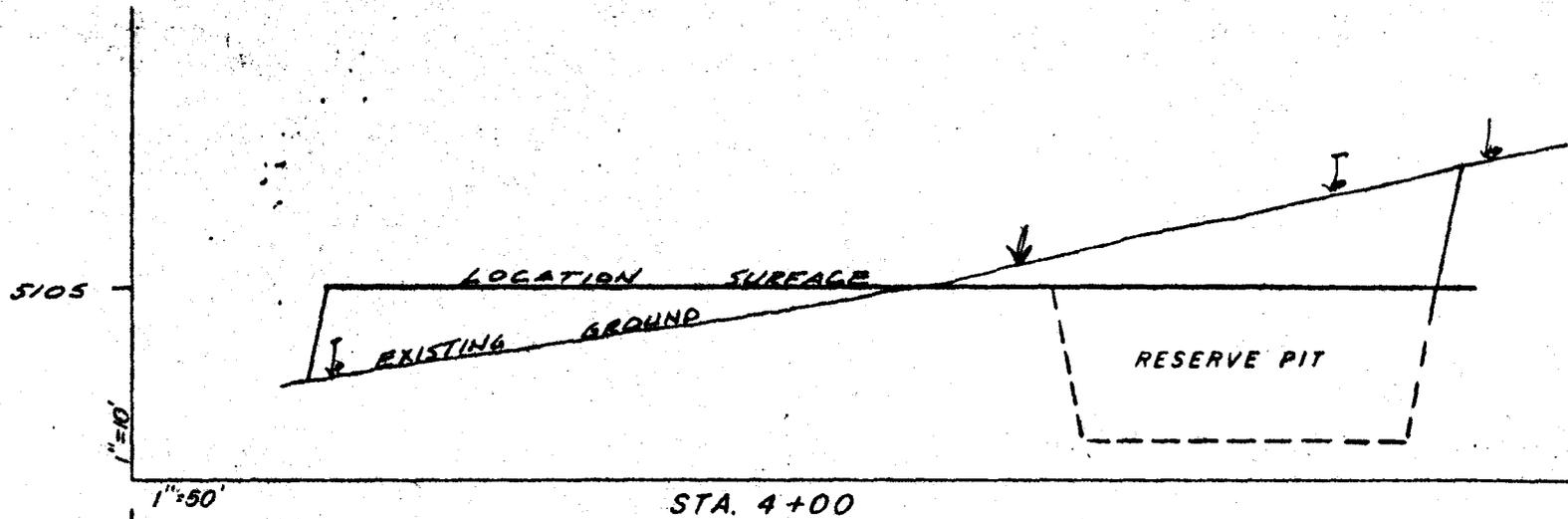
-13E

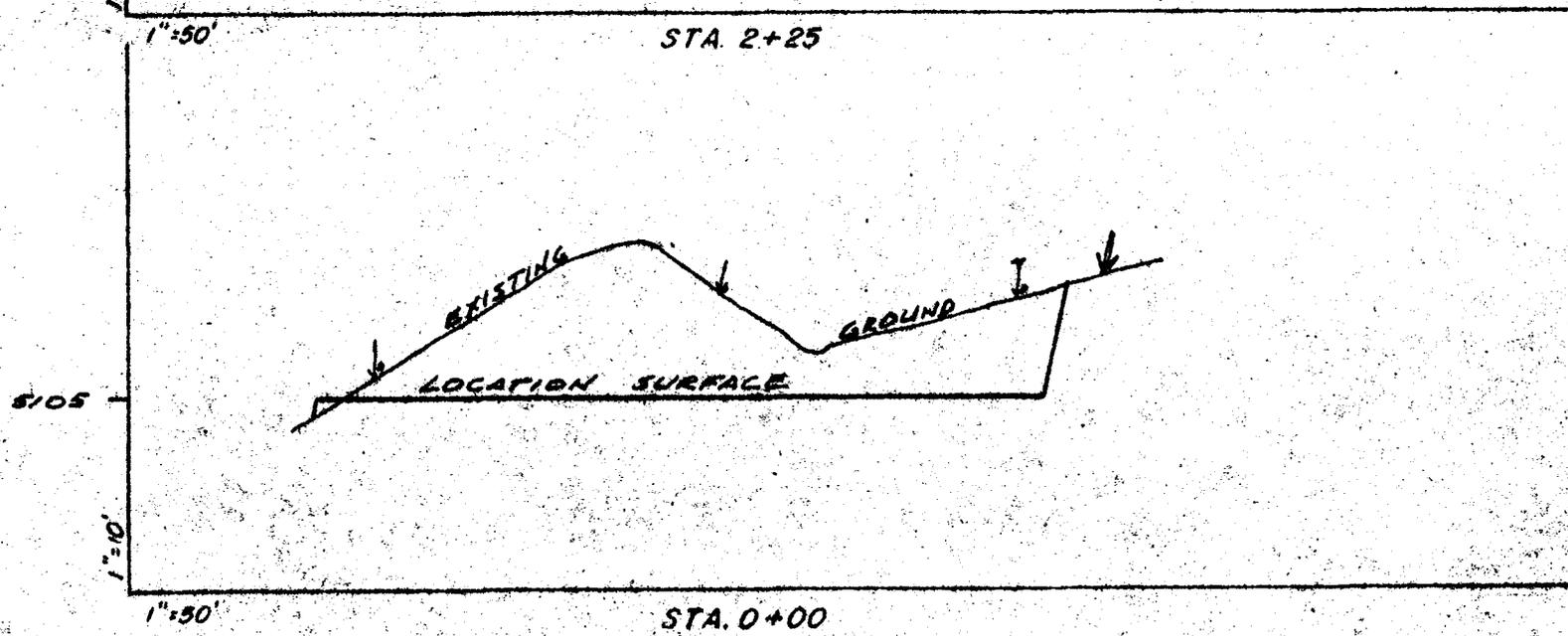
**RECEIVED**

AUG 15 1986

DIVISION OF  
OIL, GAS & MINING

LOCATED IN THE SW<sup>1</sup>/<sub>4</sub> OF THE NW<sup>1</sup>/<sub>4</sub> OF  
SECTION 13, T10S, R19E, S.L.B.&M.

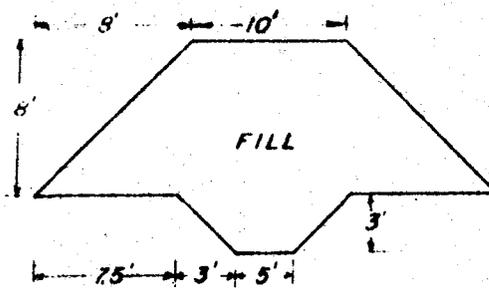




APPROXIMATE QUANTITIES

CUT: 13,160 yd<sup>3</sup>

FILL: 3,460 yd<sup>3</sup>



KEYWAY A — A

REV.  
29 JULY '86

79-128-142

	<b>JERRY D. ALLRED &amp; ASSOCIATES</b> Surveying & Engineering Consultants
	121 North Center Street P.O. Drawer C DUCHESNE, UTAH 84021 (801) 738-5352

WATER PERMIT OK

DIVISION OF OIL, GAS AND MINING

API # 43-047-31715

SPUDDING INFORMATION

NAME OF COMPANY: CNG PRODUCING COMPANY

WELL NAME: RBU 5-13E

SECTION SWNW 13 TOWNSHIP 10S RANGE 19E COUNTY UINTAH

DRILLING CONTRACTOR LEON ROSS

RIG # \_\_\_\_\_

SPUDED: DATE 9/25/86

TIME \_\_\_\_\_

HOW DRY HOLE SPUDDER

DRILLING WILL COMMENCE R-OLSON #7 10/5/86

REPORTED BY \_\_\_\_\_

TELEPHONE # \_\_\_\_\_

DATE 4/20/88 SIGNED \_\_\_\_\_ AS \_\_\_\_\_

5  
MICROFICHE

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-013765
2. NAME OF OPERATOR CNG Producing Company - Tulsa Division		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR Box 2115, Tulsa, OK 74101-2115		7. UNIT AGREEMENT NAME River Bend Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  SW NW Sec. 13-T10S-R19E		8. FARM OR LEASE NAME RBU
14. PERMIT NO. 43-047-31715	15. ELEVATIONS (Show whether of, to, or, etc.)	9. WELL NO. 5-13E
		10. FIELD AND POOL, OR WILDCAT
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 13-T10S-R19E
		12. COUNTY OR PARISH Uintah
		13. STATE UT

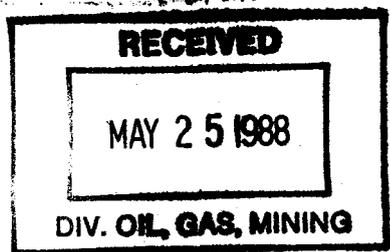
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Suspended Operations</u> <input checked="" type="checkbox"/>	

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Completion operations are suspended due to current gas marketing situation.



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

SIGNED *Susan Lay* TITLE Engineering Technician DATE 5-20-88

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:

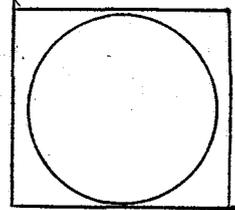
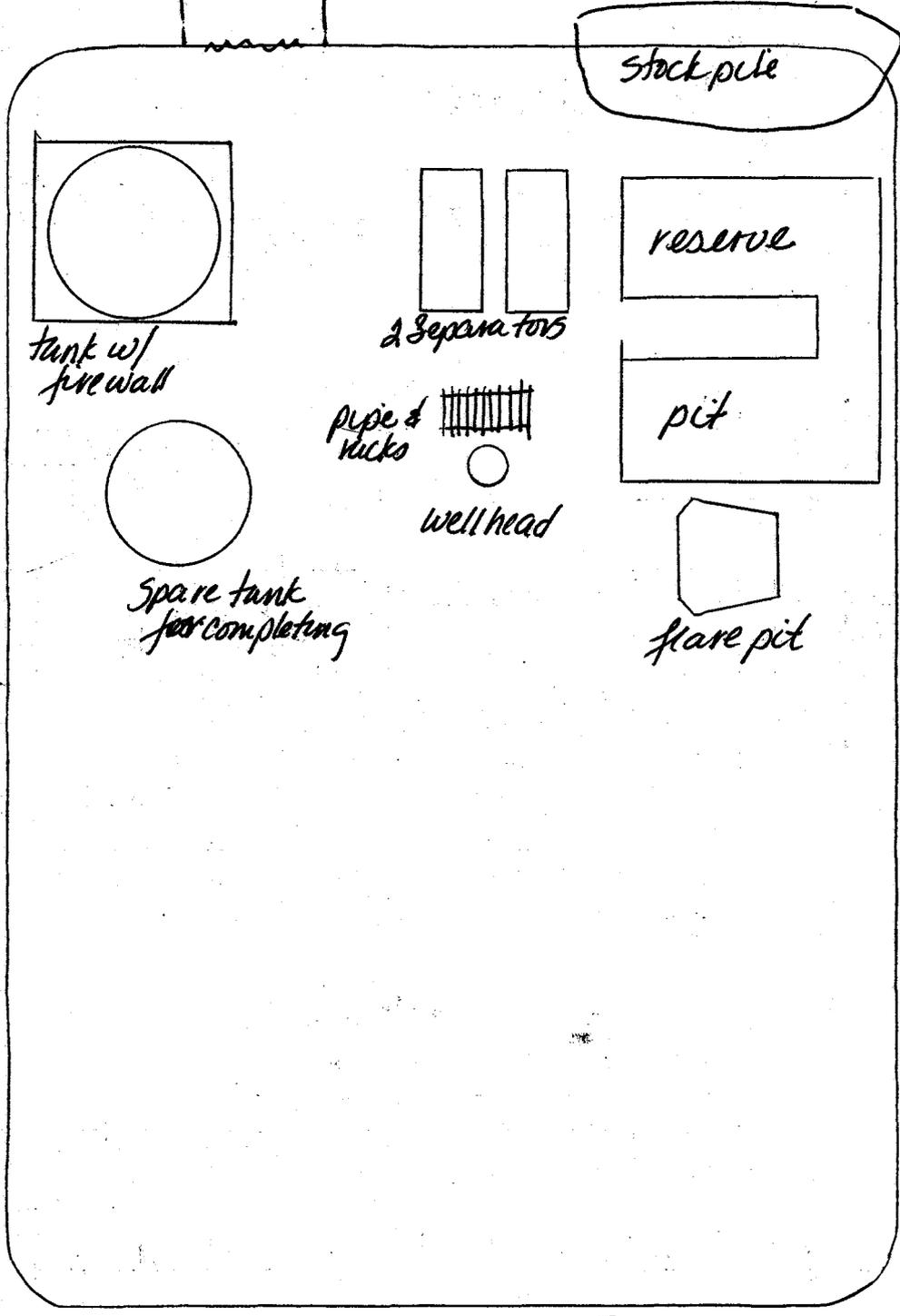
\*See Instructions on Reverse Side

# CNG Producing Co.

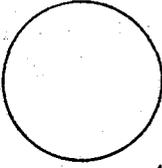
MICROFICHE



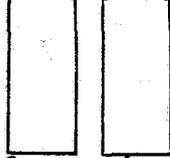
access road



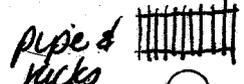
tank w/ fire wall



spare tank for completing



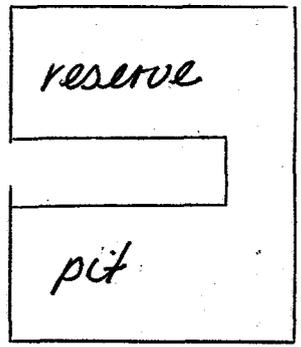
2 separators



pipe & racks

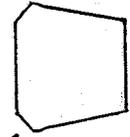


well head

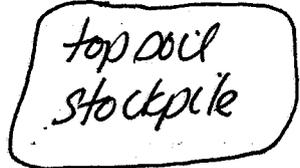


reserve

pit



flare pit



top coal stock pile

42-381 50 SHEETS 5 SQUARE  
42-382 100 SHEETS 5 SQUARE  
42-389 200 SHEETS 5 SQUARE



CNG Producing  
Company

CNG COMPANY

1000 West  
1000 West  
1000 West  
1000 West

January 31, 1990

United States Department of the Interior  
Bureau of Land Management  
Vernal District Office  
170 South 500 East  
Vernal, Utah 84078

RECEIVED  
FEB 05 1990

DIVISION OF  
OIL, GAS & MINING

Reference: Riverbend Unit Wells  
Monthly Report of Operations

Gentlemen:

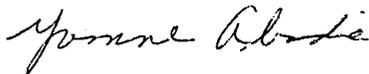
Enclosed in triplicate are Monthly Report of Operations filed on Sundry Notice (Form 3160-5) for the following wells located within the Riverbend Unit, located in Uintah County, Utah.

RBU Well No. 1-16E  
RBU Well No. 3-10D  
RBU Well No. 5-13E  
RBU Well No. 9-9E  
RBU Well No. 13-13E

CNG Producing Company wishes to notify you that regulatory administration will now be handled in CNG's New Orleans office at the address shown on this letterhead.

Should you have questions concerning any regulatory filings for CNG-operated properties, please contact me at 504/593-7454.

Very truly yours,



Yvonne Abadie,  
Regulatory Reports Administrator

cc: State of Utah  
Division of Oil, Gas & Mining  
355 West North Temple  
3 Triad Center  
Suite 350  
Salt Lake City, Utah 84180 - 1203

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE  
(Other instructions on re-  
verse side)

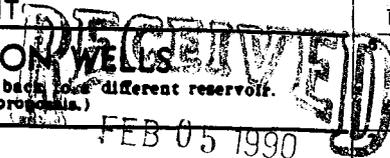
Form approved.  
Budget Bureau No. 1004-0115  
Expires August 31, 1985

3. LEASE DESIGNATION AND SERIAL NO

U-013765

SUNDRY NOTICES AND REPORTS ON WELLS

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



1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
CNG PRODUCING COMPANY

3. ADDRESS OF OPERATOR  
CNG Tower - 1450 Poydras Street, New Orleans, LA 70112-6000

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface  
SW SW Sec. 13-10S-19E

14. PERMIT NO.  
13-047-31715

15. ELEVATIONS (Show whether DP, WT, CR, etc.)

UNIT AGREEMENT NAME  
River Bend Unit

8. FARM OR LEASE NAME  
RBU

9. WELL NO.  
5-13E

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR S.E.K. AND SURVEY OR AREA  
Sec. 13-10S-19E

12. COUNTY OR PARISH  
Uintah

13. STATE  
Utah

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

NOTICE OF INTENTION TO:

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

SUBSEQUENT REPORT OF:

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

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Operations Report for month of January, 1990.

No Activity

OIL AND GAS	
	RJF
	GLH
	SLS
1-TAS	
2- MICROFILM	
3- FILE	

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

SIGNED Yvonne Abadie Regulatory Reports Administrator January 31, 1990  
TITLE (504) 593-7454 DATE

(This space for Federal or State office use)

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

\*See Instructions on Reverse Side

**CNG Producing  
Company**

CNG Tower  
450 Poydras Street  
New Orleans, LA 70112-6000  
(504) 593-7000

REC-100-100

**RECEIVED**  
MAR 19 1990

DIVISION OF  
OIL, GAS & MINING

March 14, 1990

United States Department of the Interior  
Bureau of Land Management  
Vernal District Office  
170 South 500 East  
Vernal, Utah 84078

Reference: Riverbend Unit Wells  
Monthly Report of Operations

Gentlemen:

Enclosed in triplicate are Monthly Reports of Operations filed on Sundry Notice (Form 3160-5) for the following wells located within the Riverbend Unit, located in Uintah County, Utah.

- RBU Well No. 1-16E
- RBU Well No. 4-36E
- RBU Well No. 3-10D
- RBU Well No. 5-13E
- RBU Well No. 9-9E
- RBU Well No. 13-13 E

Should you have any questions concerning any regulatory filings for CNG Operated Properties, please contact me at (504)593-7454.

Very truly yours,

CNG PRODUCING COMPANY



Yvonne Abadie,  
Regulatory Reports Administrator

cc: State of Utah  
Division of Oil, Gas & Mining  
355 West North Temple  
3 Triad Center  
Suite 350  
Salt Lake City, Utah 84180-1203

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

SUBMIT IN TRIPPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

**RECEIVED**  
MAR 19 1990  
DIVISION OF  
OIL, GAS & MINING

<p>1. <input type="checkbox"/> OIL WELL    <input type="checkbox"/> GAS WELL    <input checked="" type="checkbox"/> OTHER</p> <p>2. NAME OF OPERATOR CNG PRODUCING COMPANY</p> <p>3. ADDRESS OF OPERATOR CNG Tower 1450 Poydras Street, New Orleans, LA 70112-6000</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  SW SW Sec. 13-10S-19E</p> <p>14. PERMIT NO. <u>43-047-31715</u></p>	<p>3. LEASE DESIGNATION AND SERIAL NO. U-013765</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME River Bend Unit</p> <p>8. FARM OR LEASE NAME RBU</p> <p>9. WELL NO. 5-13E</p> <p>10. FIELD AND POOL, OR WILDCAT</p> <p>11. SEC., T., R., M., OR B.L.E. AND SURVEY OR AREA Sec.13-10S-19E</p> <p>12. COUNTY OR PARISH    13. STATE Uintah                      Utah</p>
<p>15. ELEVATIONS (Show whether DF, ST, GR, etc.)</p>	

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

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Operations Report for month of February, 1990  
  
No Activity

OIL AND GAS	
DRN	RJF
JRB	GLH
DTS	SLS
1. TAS	✓
2. MICROFILM	✓
3. FILE	✓

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

SIGNED *Yvonne Abadie* TITLE Regulatory Reports Administrator DATE March 13, 1990  
Yvonne Abadie 501-593-7454

(This space for Federal or State office use)

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

\*See Instructions on Reverse Side

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

CNG Producing  
Company

CNG COMPANY

May 24, 1991

Mr. Jerry Kenczka  
U.S. Dept. of the Interior  
Bureau of Land Management  
Vernal District Office  
170 South 500 East  
Vernal, UT 84078

RECEIVED

MAY 28 1991

DIVISION OF  
OIL GAS & MINING

RE: River Bend Unit 5-13E  
Well Completion Report  
Section 13-T10S-R19E

Dear Mr. Kenczka:

Enclosed please find original and one copy of the subject report.  
Attachment to this report includes the following:

1. Frac and Completion Procedure
2. Well Sketch

CNG Producing Company is requesting that all information be held  
confidential.

If you have any questions or need any further data, please feel free to  
contact either myself or Scot Childress, project engineer, at (504) 593-7260 and  
(504) 593-7574 respectively.

Sincerely,

*Susan M. Hebert*

Susan M. Hebert  
Regulatory Reports Asst. II

Enclosures

*cc: Utah Board of Oil, Gas & Mining*

**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\***

5. LEASE DESIGNATION AND SERIAL NO.  
**U-013765**

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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

7. UNIT AGREEMENT NAME  
**River Bend Unit**

8. FARM OR LEASE NAME  
**RBU**

2. NAME OF OPERATOR  
**CNG PRODUCING COMPANY**

9. WELL NO.  
**5-13E**

3. ADDRESS OF OPERATOR  
**CNG Tower - 1450 Poydras Street, New Orleans, LA 70112-6000**

10. FIELD AND POOL, OR WILDCAT

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface  
**2,452' FNL & 803' FWL - SW NW Sec. 13-10S-19E**  
At top prod. interval reported below  
  
At total depth

**RECEIVED**  
**MAY 28 1991**  
**DIVISION OF OIL GAS & MINING**

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
**Sec 13-10S-19E**

14. PERMIT NO. **43-047-31715** DATE ISSUED **04/23/86**

12. COUNTY (13. STATE) PARISH  
**Uintah Utah**

15. DATE SPUNDED **09/25/86** 16. DATE T.D. REACHED **10/13/86** 17. DATE COME (Ready to prod.) **05/16/91** 18. ELEVATION (DIP, RKB, RT, GR, ETC.)\* **5,104 GR**

19. ELEV. CASING HEAD  
**KB to GR 12', KB = 5,116'**

20. TOTAL DEPTH MD & TVD **6,964** 21. PLUG BACK T.D., MD & TVD **6,696** 22. IF MULTIPLE COMPL., HOW MANY\* **----->** 23. INTERVALS DRILLED BY **ROTARY TOOLS**

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)\*  
**Wasatch 6,298' - 6,328'**

25. WAS DIRECTIONAL SURVEY MADE  
**Yes**

26. TYPE ELECTRIC AND OTHER LOGS RUN  
**DLL/MSFL - Dens/Neu. - Sonic - Dipmeter - Rotary SW Cores - DSTs**

27. WAS WELL CORED  
**Rotary Sidewalls**

**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#	+ 400	12 1/4"	190 sxs Cl G	None
5 1/2"	17#	+6,650	7 5/8"	235 sxs Hi Lift & 765 sxs 50/50	None

29. LINER RECORD				30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (M/PACKER SET (MD))
					2 7/8"	6,265 6,256

31. PERFORATION RECORD (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
Zone 2 - (Chapita Wells) 6, 298' - 6,328'	6,298' - 6,328'	Frac'd with 140,000 lbs of 20/40 Sand

33. DATE FIRST PRODUCTION **05/14/91** PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) **Flowing** WELL STATUS (Producing or shut-in) **Shut-In Waiting on Pipeline**

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL-BBL.	GAS-MCF.	WATER-BBL.	GAS-OIL RATIO
05/14/91		18/64	----->	-	766	-	-
FLOW. TUBING PRES.	CASING PRESSURE	CALCULATED 24 HR RATE	OIL-BBL.	GAS-MCF.	WATER-BBL.	OIL GRAVITY-API (CORR.)	
740	-	----->	-	1,532	-	-	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) **Vented** TEST WITNESSED BY **Mitch Hall - CNGP**

35. LIST OF ATTACHMENTS

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

SIGNED Scott Childress TITLE Supervisor Prod. Engineering DATE May 24, 1991

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

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

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)

GEOLOGICAL MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
Wasatch	4,896'	4,932'	Sandstone	Green River	1,246'	+ 3,870
Wasatch	5,730'	5,742'	Sandstone	Wasatch Tongue	4,210'	+ 906
Wasatch	6,228'	6,242'	Sandstone	Green River Tongue	4,564'	+ 552
Wasatch	6,294'	6,328'	Sandstone	Wasatch	4,730'	+ 386
Wasatch	6,520'	6,562' OA	Sandstone			

REVISED

FRAC AND COMPLETION PROCEDURE  
RBU 5-13E  
SECTION 13-T10S, R19E  
UINTAH COUNTY  
AFE #07997W

RECEIVED

MAY 28 1991

DIVISION OF  
OIL GAS & MINING

	<u>Burst</u>
<u>Current Conditions:</u> 5-1/2" 17#N80 - 6690' - 6151'	7,740 psi
K55 - 6157' - 1431'	5,320 psi
N80 - 1431' - 0'	7,740 psi

Perforations: Zone #2 (Chapita Wells) - 6,298'-328'  
BHP (P\*) - 2,767 psi  
BHT - 155

Objectives: Frac and complete in the Chapita Wells (see schematic).

Procedure:

1. MIRU completion rig - nipple down tree. RU 5,000 psi BOP on top of tubing head.
2. POOH and L/D 2-3/8" tubing. P/U 2-7/8" workstring and retrieving tool to remove bridge plugs at 5,010', 6140' and at 6,290'. Circulate hole clean with 2% KCL water before removing each plug. Check chlorides of packer fluid during clean out and before frac.
- 2.5 GIH with <sup>Electric Line</sup> workstring and set 5 1/2" CIBP at 6,470'.
3. GIH with 2-7/8" tubing and BHA as follows:
  - 8' 2-7/8" sub with muleshoe
  - Baker Model R-3 Retrievable Packer
  - 1jt. 2-7/8" tubing
  - Seating nipple (Plus 45)
  - 2-7/8" tubing to surface
4. GIH and tag CIBP to verify depth (strap in hole). P/U 20' and set R-3 and test CIBP to 2,000 psi. Then P/U and set packer at 6,275' to frac. Test packer to 1,000 psi to verify packer is set (wellbore may leak-off due to open perforations).
5. Set 3-1/16" 10M tree on well (XO w/7-1/16"10M x 7-1/16" 5M). Have 1600 bbls of 2% KCL water at 100°F at mixing time. RU Dowell and test

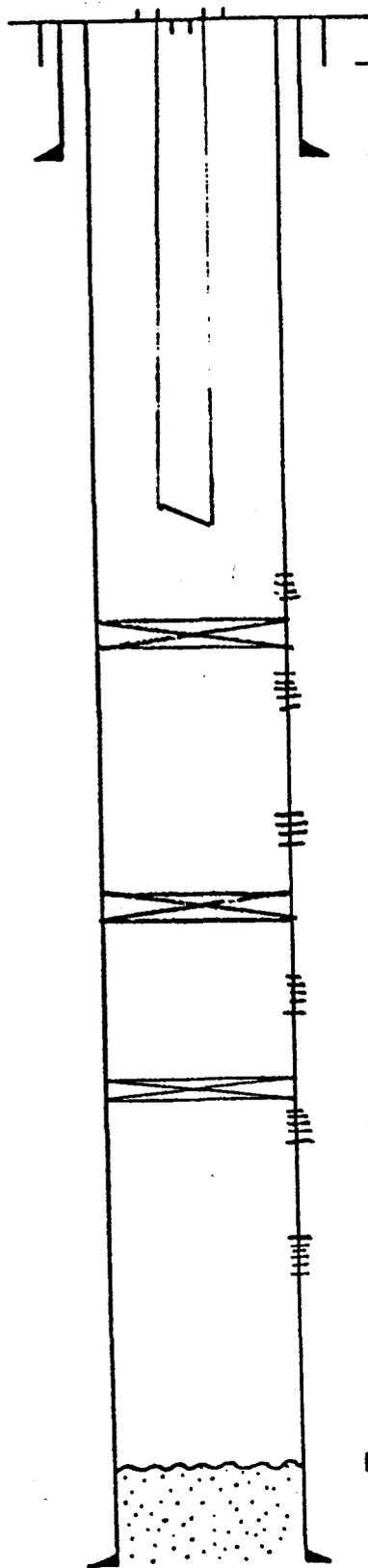


WELL SKETCH

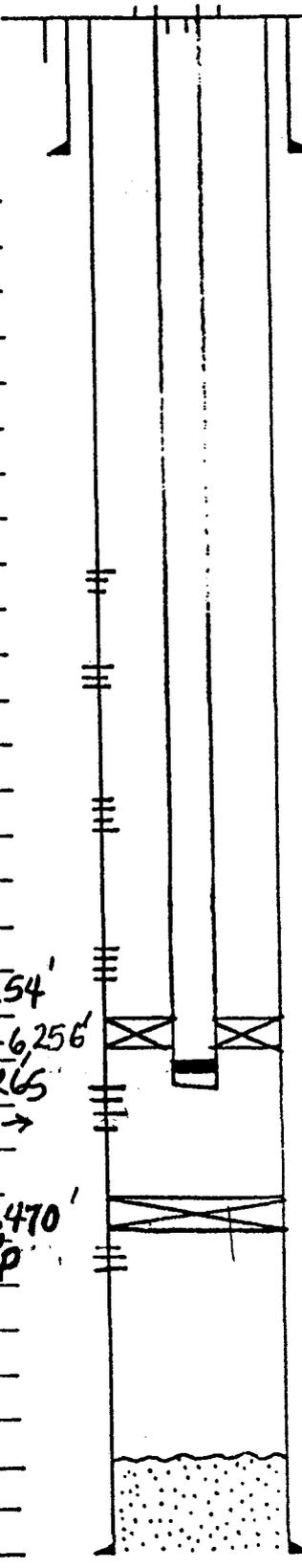
WELL RBU 5-13E FIELD RIVERBEND UNIT  
SEC. 13, T 10 S, R 19 E, WINTAH COUNTY, UTAH  
ELEVATIONS: GROUND 5104'; KB TO GL = 12'  
KB = 5116' 5/91

PAST -

CURRENT



" @ \_\_\_\_\_  
8 5/8" 24 # @ 396'  
K-55  
2 3/8" 8<sup>rd</sup> tubing  
Muleshot @ 4,641' Tbg:  
ZONE #6: 4900-82 2 3/8" 8<sup>rd</sup>  
RBP @ 5,010' - Flopetrol 'WR'  
ZONE #5: 5730-42  
ZONE #4: 6082-90  
RBP @ 6140' - Baker  
ZONE #3: 6232-44 SN-6254  
"R3" Packer - 6,256'  
EOT - 6265'  
(RBP @ 6290' - Baker) ZONE #2 →  
ZONE #2: 6298-6328 (16A)  
\* Plug @ 6,470'  
- CIBP  
ZONE #1: 6548-62, 6520-23  
6690-6157 : N-80  
EST PBD @ 6696' 6157-1431 : K-55  
1431- : N-80  
5 1/2" 17 # @ 6690'



DATE 2-1-91 PREPARED BY Sot Childress

PRELIMINARY PETROGRAPHIC ANALYSIS  
OF THE WASATCH FORMATION  
IN THE CONSOLIDATED NATURAL GAS  
PRODUCING COMPANY  
WELL RBU 5-13E  
UINTAH COUNTY, UTAH

TTCS FILE NO. 87543

Performed by:

Petrologic Services Group  
TERRA TEK CORE SERVICES  
University Research Park  
360 Wakara Way  
Salt Lake City, Utah 84108

## SUMMARY

1. Sandstones from the Wasatch Formation were fine-grained feldspathic litharenites. Dominant framework grains include quartz and sedimentary rock fragments. Feldspars are also common.
2. Sandstones are clay-rich (maximum of 10%, usually less than 5%) and contain kaolinite, fibrous illite, radial fibrous chlorite, and detrital illite matrix..
3. Porosity is dominantly secondary porosity created by the dissolution of unstable sedimentary grains and feldspar. Minor primary intergranular porosity is present.
4. Porosity values are mainly related to:
  - a) original volume of primary unstable grains, and
  - b) extent of dissolution unstable grains.
5. Porosity was mainly reduced by:
  - a) mechanical compaction;
  - b) intergranular precipitation of carbonate, quartz, ferruginous material, and anhydrite; and
  - c) late precipitation of pore-filling kaolinite, fibrous illite, and radial-fibrous, pore-lining chlorite.
6. Porosity values are considered fair to good, but permeabilities are usually low due to poor inter-connectivity of isolated dissolution pores. Deep, propped foam fracturing (Harris and others, 1984) is recommended for improving permeability, along with 2% KCl water-based breakdown treatments to reduce the possibility of clay migration. We do not recommend the use of HCl acid stimulation.

7. Fines migration could plug pore throats within sandstones. Perforate underbalanced to avoid unwanted surges around the borehole and to avoid high initial flow rates. HCl acid stimulation would also increase the potential for migration of fines.

ATTENTION: Jerry Reeves DATE February 10, 1987

FROM: Shirley Lenn Roosevelt, Utah

TOTAL NUMBER OF PAGES: 4

DESCRIPTION OF TELECOPIED PAGES:

4 pages BHP Survey 5-13E

ZONE #4 (6082'-90')

DST #4

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

IF THERE ARE ANY PROBLEMS, PLEASE PHONE 801/722-4521.

I. 5-13E

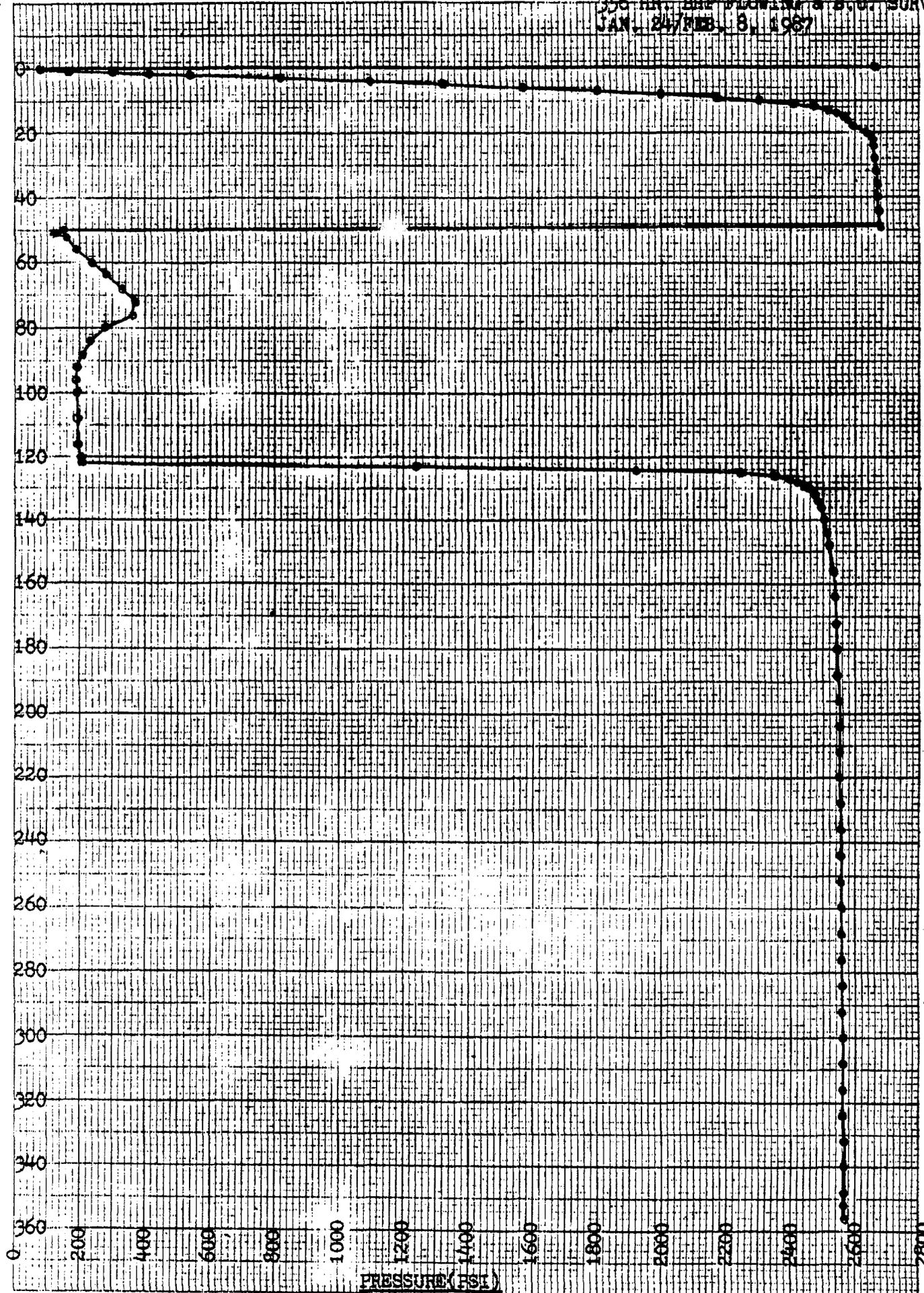
956 HR. BHP FLOWING & B.U. SURVE

JAN. 24 / FEB. 8, 1967

46 1323

M-E 10 X 10 TO 18 INCH 7 X 9 INCHES  
KEUFFEL & ESSER CO. MADE IN U.S.A.

TIME (HOURS)



PRESSURE (PSI)

# Sun Oilfield Service, Inc.

## SUB-SURFACE SURVEY

Company CNG PRODUCING CO. Field RIVER BEND UNIT Lease and Well RBU 5-13E  
County UINTAH State UTAH Date JAN. 24/FEB. 8, 1987

T. D. .... Formation .....

Elevation ..... Casing .....

Perforation ZONE #4 6082'-6090' Tubing .....

Datum Point 6042'

### 356 HR. BHP FLOWING & BUILDUP SURVEY

<u>TIME(HOURS)</u>	<u>PRESSURE(PSI)</u>	
00:00	2664	-- BOMB RAN IN TBG. WITH W.O. RIG. 1-24-87.
00:15	81	
00:30	169	
00:45	240	
01:00	300	
01:15	357	
01:30	417	
01:45	482	
02:00	542	
02:15	609	
02:30	680	
02:45	750	
03:00	820	
03:15	880	
03:30	956	
03:45	1018	
04:00	1080	
04:15	1142	
04:30	1211	
04:45	1271	
05:00	1325	
05:15	1387	
05:30	1446	
05:45	1505	
06:00	1570	
06:15	1657	
06:30	1686	
06:45	1737	
07:00	1799	
07:15	1838	
07:30	1897	
07:45	1951	
08:00	1997	
08:15	2046	
08:30	2090	
08:45	2133	
09:00	2169	
09:15	2210	
09:30	2244	
09:45	2272	
10:00	2305	
10:15	2333	

# Sun Oilfield Service, Inc.

## SUB-SURFACE SURVEY

Company CNG PRODUCING CO. Field RIVER BEND UNIT Lease and Well RBU 5-13E  
 County UINTAH State UTAH Date JAN. 24/FEB. 8, 1987

T. D. .... Formation .....

Elevation ..... Casing .....

Perforation ZONE #4 6082'-6090' Tubing .....

Datum Point 6042'

### 356 HR. BHP FLOWING & BUILDUP SURVEY (CONT.)

<u>TIME(HOURS)</u>	<u>PRESSURE(PSI)</u>	<u>TIME(HOURS)</u>	<u>PRESSURE(PSI)</u>
10:30	2359	056:00	190
10:45	2387	060:00	237
11:00	2408	064:00	281
11:15	2428	068:00	328
11:30	2444	072:00	372
11:45	2459	076:00	359
12:00	2474	080:00	279
12:15	2490	084:00	234
12:30	2500	088:00	208
12:45	2510	092:00	195
13:00	2518	096:00	193
13:15	2526	100:00	193
13:30	2533	108:00	195
13:45	2539	116:00	195
14:00	2544	120:00	203
14:15	2551	121:00	206
14:30	2556	122:00	206
14:45	2562	122:15	477
15:00	2564	122:30	716
16:00	2574	122:45	997
17:00	2585	123:00	1242
18:00	2595	123:15	1438
19:00	2615	123:30	1631
20:00	2636	123:45	1786
21:00	2651	124:00	1923
22:00	2654	124:15	2039
23:00	2656	124:30	2118
24:00	2656	124:45	2187
28:00	2662	125:00	2244
32:00	2667	125:15	2274
36:00	2669	125:30	2310
40:00	2672	125:45	2344
44:00	2674	125:00	2349
48:00	2677	126:15	2362
49:00	2677	126:30	2374
49:15	2574	126:45	2385
49:30	164	127:00	2395
49:45	167	127:15	2403
50:00	151	127:30	2410
51:00	125	127:45	2415
52:00	1138	128:00	2421

CONTINUED ON PG. 3.

**Sun Oilfield Service, Inc.****SUB-SURFACE SURVEY**

Company CNG PRODUCING CO. Field RIVER BEND UNIT Lease and Well RBU 5-13E  
 County UINTAH State UTAH Date JAN. 24/FEB. 8, 1987

T. D. .... Formation .....

Elevation ..... Casing .....

Perforation Zone #4 6082'-6090' Tubing .....

Datum Point 6042' .....

356 HR. BHP FLOWING & BUILDUP SURVEY (CONT.)

<u>TIME (HOURS)</u>	<u>PRESSURE (PSI)</u>
129:00	2441
130:00	2456
131:00	2469
132:00	2474
133:00	2480
134:00	2485
135:00	2490
136:00	2495
140:00	2503
144:00	2510
148:00	2515
156:00	2531
164:00	2536
172:00	2541
180:00	2544
188:00	2546
196:00	2549
204:00	2549
212:00	2551
220:00	2551
228:00	2554
236:00	2554
244:00	2554
252:00	2556
260:00	2556
268:00	2556
276:00	2556
284:00	2556
292:00	2556
300:00	2561
308:00	2561
316:00	2561
324:00	2561
332:00	2567
340:00	2567
348:00	2567
352:00	2567
356:00	2569

-- CLOCK RAN OUT 2-8-87.

REMARKS:

1. AMERADA INSTRUMENT #52315, 5000 PSI, 360 HR. CLOCK.

WELL IDENTIFICATION

1. WELL : RIVER BEND UNIT 5-13  
 2. COMPANY : ONG PRODUCING CO.  
 3. : P.O. 2115 TULSA OK.  
 4. :  
 5. CUSTOMER : SAME  
 6. : SAME  
 7. :  
 8. FIELD : RIVER BEND UNIT  
 9. COUNTY : Uintah  
 10. STATE/PROV. : UTAH  
 11. LOCATION : 13-1030-19E  
 12. TECHNICIAN : PITT/RICHARDS  
 13. TEST APPROVED BY : MITCH HALL  
 14. TEST DATE : 2-FEB-87  
 15. DEPTH REFERENCE : K/B  
 16. D.R. ELEVATION : S.L. 5116. FT (1559.4 M)

RBU 5-13E

CH DST #5

ZONE #6

4900'-4932'

RECEIVED  
 PRODUCTION ENGINEERING

FEB 13 1987

HOLE INFORMATION

1. HOLE IS : STRAIGHT  
 2. TOTAL DEPTH : 5010. FT ( 1527. M)  
 3. OPEN HOLE DIAMETER : 7.87 IN ( 19.99 CM)  
 4. CASING INTERNAL DIAMETER : 4.76 IN ( 12.09 CM)  
 5. CASING WEIGHT : 17.00 LB/FT ( 25.30 KG/M)  
 6. SETTING DEPTH : 5010. FT ( 1527. M)

GKL  
 TLR

KDO  
 SLL

KTL  
 LGR

RAD  
 FILE

MUD INFORMATION

1. MUD TYPE : KOL WATER  
 2. MUD WEIGHT : 8.6 LB/GAL ( 1030 KG/M3)  
 3. MUD VISCOSITY : 0. MARSH FUNNEL SEC  
 4. CORRECTED WATER LOSS : 0.0 CC/30 MIN  
 5. MUD RESISTIVITY : 0.00 OHM-M  
 6. MUD RES. MEAS. TEMP. : 0.0 DEG F ( -17.8 DEG C)  
 7. MUD FILTRATE RESISTIVITY : 0.00 OHM-M  
 8. MUD FILT. RES. MEAS. TEMP. : 0.0 DEG F ( -17.8 DEG C)  
 9. MUD CHLORIDES CONTENT : 0.0 PPM BY WEIGHT

TEST INFORMATION

1. FIELD REPORT NUMBER : 13393F  
 2. TEST TYPE : CH/DST/TELEFLOW  
 3. :  
 4. TEST TYPE CODE : 2 (OFF BOTTOM)  
 5. TEST NUMBER : 5  
 6. TELEFLOW IN USE ? : YES  
 7. SSIR IN USE ? : NO  
 8. SPRD IN USE ? : NO

TEST STRING INFORMATION

#	COMPONENT NAME	EFFECTIVE I.D.		O.D.		FLOW PATH LENGTH	
		INCH	CM	INCH	CM	FT	M
1	MANIFOLD	1.00	2.54	2.00	5.08	3.	1.
2	FLOW HOSE	1.00	2.54	2.00	5.08	24.	7.
3	SWIVEL	1.90	4.83	2.87	7.29	1.	0.
4	TUBING	1.90	4.83	2.38	6.03	4786.	1459.
5	XO SUB	1.90	4.83	2.88	7.30	1.	0.
6	REVERSE SUB	2.00	5.08	3.75	9.52	1.	0.
7	XO SUB	1.90	4.83	2.88	7.30	1.	0.
8	TUBING	1.90	4.83	2.38	6.03	31.	9.
9	PUP JOINT	1.90	4.83	2.38	6.03	6.	2.
10	XO SUB	1.25	3.17	3.75	9.52	1.	0.
11	MFE	0.50	1.27	3.75	9.52	12.	4.
12	BIAS	0.50	1.27	3.75	9.52	3.	1.
13	RECORDER	1.13	3.00	3.75	9.52	6.	2.
14	RECORDER	1.13	3.00	3.75	9.52	6.	2.
15	XO SUB	1.25	3.17	3.75	9.52	1.	0.
16	PACKER	1.90	4.83	4.60	11.68	7.	2.
17	SLOTTED PUP	1.90	4.83	2.38	6.03	3.	1.
18	PUP JOINTS	1.90	4.83	2.38	6.03	14.	4.
19	XO SUB	1.90	4.83	2.88	7.30	1.	0.
20	HANGER SUB	0.50	1.27	2.88	7.30	0.	0.
21	XO SUB	1.90	4.83	2.88	7.30	1.	0.
22	JOINT TUBING	1.90	4.83	2.38	6.03	31.	9.

TEST STRING PLACEMENT

1. DEPTH AT BOTTOM OF DEEPEST PACKER SUB : 4861. FT ( 1482. M)
2. DEPTH AT BOTTOM OF DEEPEST UPPER PACKER RUBBER: 4858. FT ( 1481. M)
3. DEPTH AT TOP OF SHALLOWEST LOWER PACKER RUBBER: 4859. FT ( 1481. M)

TEST ZONE DESCRIPTION

FORMATION NUMBER : 1

1. FORMATION NAME : CHIPTA
2. ESTIMATED TOP OF PRODUCTIVE ZONE : 4900. FT ( 1494. M)
3. ESTIMATED BOTTOM OF PRODUCTIVE ZONE : 4932. FT ( 1503. M)
4. ESTIMATED NET PRODUCTIVE ZONE THICKNESS: 32. FT ( 10. M)
5. ESTIMATED NET PRODUCTIVE ZONE POROSITY : 0.10 FRAC.

PERFORMANCE INTERVAL NUMBER : 1

6. DEPTH AT TOP OF PERFORATED INTERVAL : 4900. FT ( 1494. M)
7. DEPTH AT BOTTOM OF PERFORATED INTERVAL: 4932. FT ( 1503. M)
8. PERFORATION DIAMETER : 0.500 IN ( 1.270 CM)
9. PERFORATION DENSITY : 4 HOLES/FT(13.1 HOLES/M)
10. ESTIMATED PERFORATION PENETRATION : 20.0 IN ( 50.8 CM)

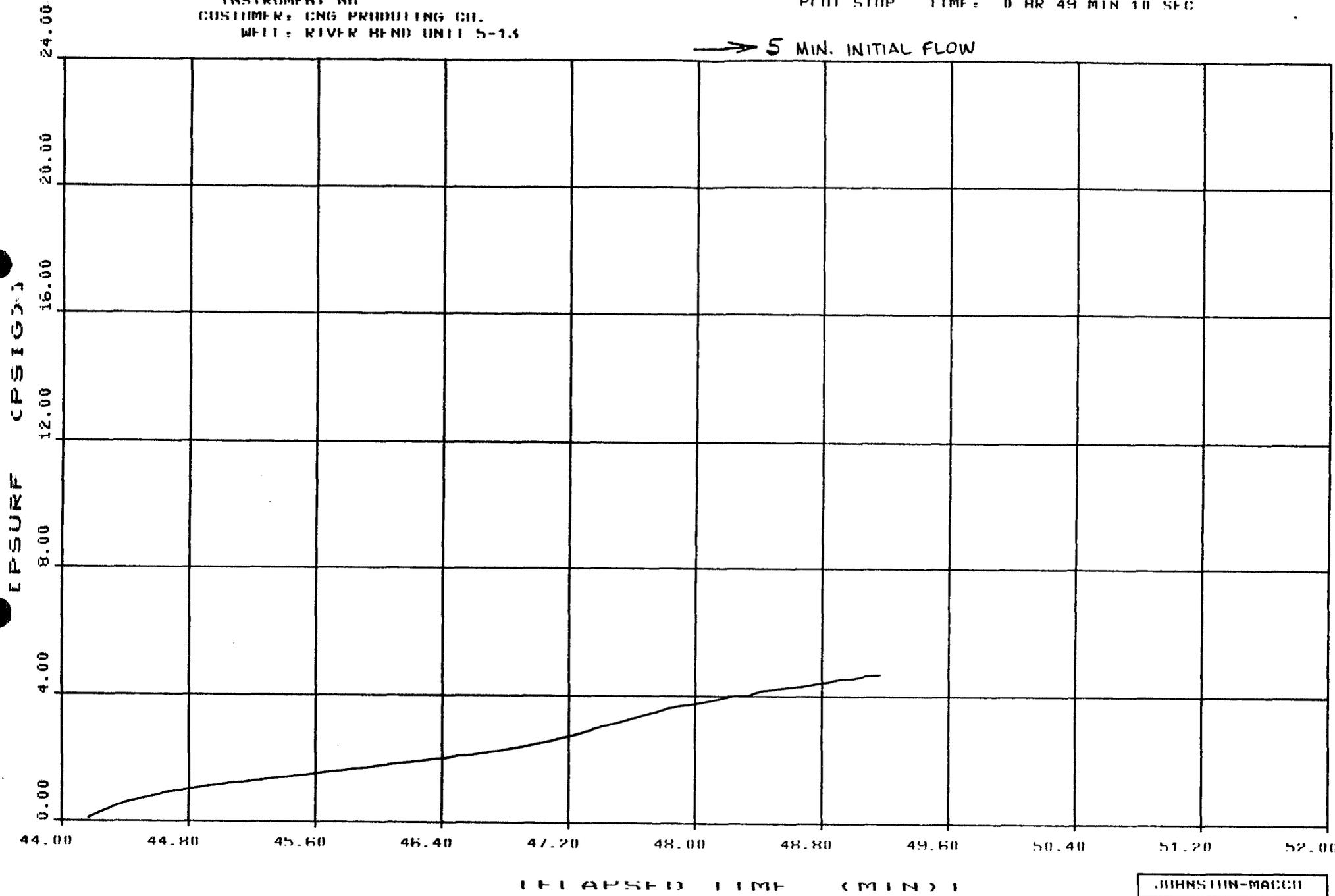
TEST CONDITIONS

1. BOTTOMHOLE CHOKE(S) EFF. INTERVAL DIA. : 0.50 IN ( 1.27 CM)

FIELD REPORT NO 15593P  
INSTRUMENT NO  
CUSTOMER: CNG PRODUCING CO.  
WELL: RIVER HEAD UNIT 5-1.6

PLOT START TIME: 0 HR 44 MIN 10 SEC  
PLOT STOP TIME: 0 HR 49 MIN 10 SEC

→ 5 MIN. INITIAL FLOW



ELAPSED TIME (MIN)

JOHNSON-MACCI  
SCHUMBERGER

CALCULATED INSTANTANEOUS FLOW RATES

FLOW PERIOD: SURFACE VALVE CLOSED

ELAPSED TIME HR MN SC	PERIOD TIME MIN	SURFACE PRESS PSIG	DPS/DT PSI/MIN	PURE GAS MSCF/D	PURE LIQUID BBL/D	GAS-SAT WATER BBL/D	OIL BBL/D	
0 44 10	0.00	0.12	1.00	0.	0.	0.	0.	<i>open Tool</i> <u>2/9/87</u> 1440
		CUM VOLUME		0.000	0.	0.	0.	
0 44 15	0.08	0.31	2.24	22.	4417.	2174.	4473.	
		CUM VOLUME		0.128E-02	0.	0.	0.	
0 44 20	0.17	0.49	2.21	22.	4255.	2121.	4307.	
		CUM VOLUME		0.255E-02	1.	0.	1.	
0 44 25	0.25	0.63	1.68	17.	3169.	1592.	3198.	
		CUM VOLUME		0.351E-02	1.	0.	1.	
0 44 30	0.33	0.73	1.24	12.	2308.	1166.	2323.	
		CUM VOLUME		0.421E-02	1.	0.	1.	
0 44 35	0.42	0.84	1.22	12.	2237.	1137.	2252.	
		CUM VOLUME		0.491E-02	1.	0.	1.	
0 44 40	0.50	0.94	1.30	13.	2353.	1205.	2370.	
		CUM VOLUME		0.565E-02	1.	1.	1.	
0 44 45	0.58	1.00	0.67	7.	1214.	623.	1219.	
		CUM VOLUME		0.604E-02	1.	1.	1.	
0 44 50	0.67	1.06	0.75	7.	1349.	695.	1354.	
		CUM VOLUME		0.647E-02	1.	1.	1.	
0 44 55	0.75	1.13	0.85	8.	1506.	779.	1513.	
		CUM VOLUME		0.695E-02	1.	1.	1.	
0 45 0	0.83	1.19	0.67	7.	1173.	609.	1177.	
		CUM VOLUME		0.734E-02	1.	1.	1.	
0 45 5	0.92	1.25	0.68	7.	1190.	620.	1195.	
		CUM VOLUME		0.773E-02	1.	1.	1.	
0 45 10	1.00	1.29	0.42	4.	727.	379.	728.	<i>1 Min</i>
		CUM VOLUME		0.796E-02	1.	1.	2.	
0 45 15	1.08	1.33	0.62	6.	1076.	564.	1080.	
		CUM VOLUME		0.832E-02	2.	1.	2.	
0 45 20	1.17	1.39	0.74	7.	1269.	668.	1274.	
		CUM VOLUME		0.874E-02	2.	1.	2.	
0 45 25	1.25	1.43	0.45	4.	763.	402.	765.	
		CUM VOLUME		0.900E-02	2.	1.	2.	
0 45 30	1.33	1.49	0.75	7.	1279.	677.	1284.	
		CUM VOLUME		0.943E-02	2.	1.	2.	

CALCULATED INSTANTANEOUS FLOW RATES

FLOW PERIOD: SURFACE VALVE CLOSED

ELAPSED TIME HR MIN SEC	PERIOD TIME MIN	SURFACE PRESS PSIG	DPS/DI PSI/MIN	PURE GAS MSCF/D	PURE LIQUID EBL/D	GAS-SAT WATER EBL/D	OIL EBL/D
0 45 35	1.42	1.54	0.53	5.	889.	471.	892.
		CUM VOLUME		0.973E-02	2.	1.	2.
0 45 40	1.50	1.59	0.64	6.	1080.	574.	1083.
		CUM VOLUME		0.101E-01	2.	1.	2.
0 45 45	1.58	1.64	0.53	5.	891.	475.	893.
		CUM VOLUME		0.104E-01	2.	1.	2.
0 45 50	1.67	1.69	0.70	7.	1163.	623.	1167.
		CUM VOLUME		0.108E-01	2.	1.	2.
0 45 55	1.75	1.73	0.45	4.	736.	395.	738.
		CUM VOLUME		0.111E-01	2.	1.	2.
0 46 0	1.83	1.80	0.32	8.	1340.	722.	1346.
		CUM VOLUME		0.115E-01	2.	1.	2.
0 46 5	1.92	1.85	0.60	6.	975.	527.	978.
		CUM VOLUME		0.119E-01	2.	1.	2.
0 46 10	2.00	1.90	0.61	6.	981.	532.	984.
		CUM VOLUME		0.122E-01	2.	1.	2.
0 46 15	2.08	1.94	0.48	5.	765.	415.	767.
		CUM VOLUME		0.125E-01	2.	1.	2.
0 46 20	2.17	2.01	0.85	8.	1353.	738.	1359.
		CUM VOLUME		0.130E-01	2.	1.	2.
0 46 25	2.25	2.04	0.38	4.	604.	330.	606.
		CUM VOLUME		0.132E-01	2.	1.	2.
0 46 30	2.33	2.13	1.00	10.	1565.	860.	1573.
		CUM VOLUME		0.138E-01	2.	1.	2.
0 46 35	2.42	2.16	0.36	4.	562.	309.	563.
		CUM VOLUME		0.140E-01	2.	1.	3.
0 46 40	2.50	2.22	0.81	8.	1252.	691.	1257.
		CUM VOLUME		0.144E-01	3.	1.	3.
0 46 45	2.58	2.29	0.74	7.	1141.	632.	1145.
		CUM VOLUME		0.149E-01	3.	1.	3.
0 46 50	2.67	2.36	0.88	9.	1344.	748.	1350.
		CUM VOLUME		0.154E-01	3.	1.	3.
0 46 55	2.75	2.44	0.94	9.	1421.	794.	1427.
		CUM VOLUME		0.159E-01	3.	1.	3.

*Lamin*

CALCULATED INSTANTANEOUS FLOW RATES

FLOW PERIOD: SURFACE VALVE CLOSED

ELAPSED TIME HR. MIN. SEC.	PERIOD TIME MIN.	SURFACE PRESS PSIG	DPS/DT PSI/MIN	PURE GAS MSCF/D	PURE LIQUID BBL/D	GAS-WAT WATER BBL/D	OIL BBL/D
0 47 0	2.83	2.52	1.00	10.	1495.	840.	1503.
	CUM VOLUME			0.165E-01	3.	2.	3.
0 47 5	2.92	2.61	1.04	10.	1546.	873.	1554.
	CUM VOLUME			0.171E-01	3.	2.	3.
0 47 10	3.00	2.71	1.30	13.	1903.	1081.	1915.
	CUM VOLUME			0.178E-01	3.	2.	3.
0 47 15	3.08	2.82	1.24	12.	1796.	1026.	1807.
	CUM VOLUME			0.185E-01	3.	2.	3.
0 47 20	3.17	2.94	1.49	15.	2127.	1224.	2143.
	CUM VOLUME			0.194E-01	3.	2.	3.
0 47 25	3.25	3.09	1.73	17.	2433.	1412.	2454.
	CUM VOLUME			0.204E-01	3.	2.	3.
0 47 30	3.33	3.18	1.10	11.	1531.	891.	1539.
	CUM VOLUME			0.210E-01	4.	2.	4.
0 47 35	3.42	3.30	1.44	14.	1974.	1157.	1988.
	CUM VOLUME			0.218E-01	4.	2.	4.
0 47 40	3.50	3.41	1.41	14.	1909.	1126.	1922.
	CUM VOLUME			0.226E-01	4.	2.	4.
0 47 45	3.58	3.52	1.30	13.	1739.	1031.	1750.
	CUM VOLUME			0.234E-01	4.	2.	4.
0 47 50	3.67	3.65	1.52	15.	2016.	1203.	2031.
	CUM VOLUME			0.242E-01	4.	2.	4.
0 47 55	3.75	3.72	0.96	9.	1259.	753.	1265.
	CUM VOLUME			0.248E-01	4.	2.	4.
0 48 0	3.83	3.78	0.60	6.	784.	470.	786.
	CUM VOLUME			0.251E-01	4.	2.	4.
0 48 5	3.92	3.86	0.95	9.	1223.	736.	1228.
	CUM VOLUME			0.257E-01	4.	2.	4.
0 48 10	4.00	3.94	1.00	10.	1287.	778.	1293.
	CUM VOLUME			0.262E-01	4.	2.	4.
0 48 15	4.08	4.03	1.12	11.	1423.	865.	1431.
	CUM VOLUME			0.269E-01	4.	2.	4.
0 48 20	4.17	4.05	0.16	2.	204.	124.	205.
	CUM VOLUME			0.270E-01	4.	2.	4.

3 min

4 min

CALCULATED INSTANTANEOUS LOW RATES  
 FLOW PERIOD: SURFACE VALVE CLOSED

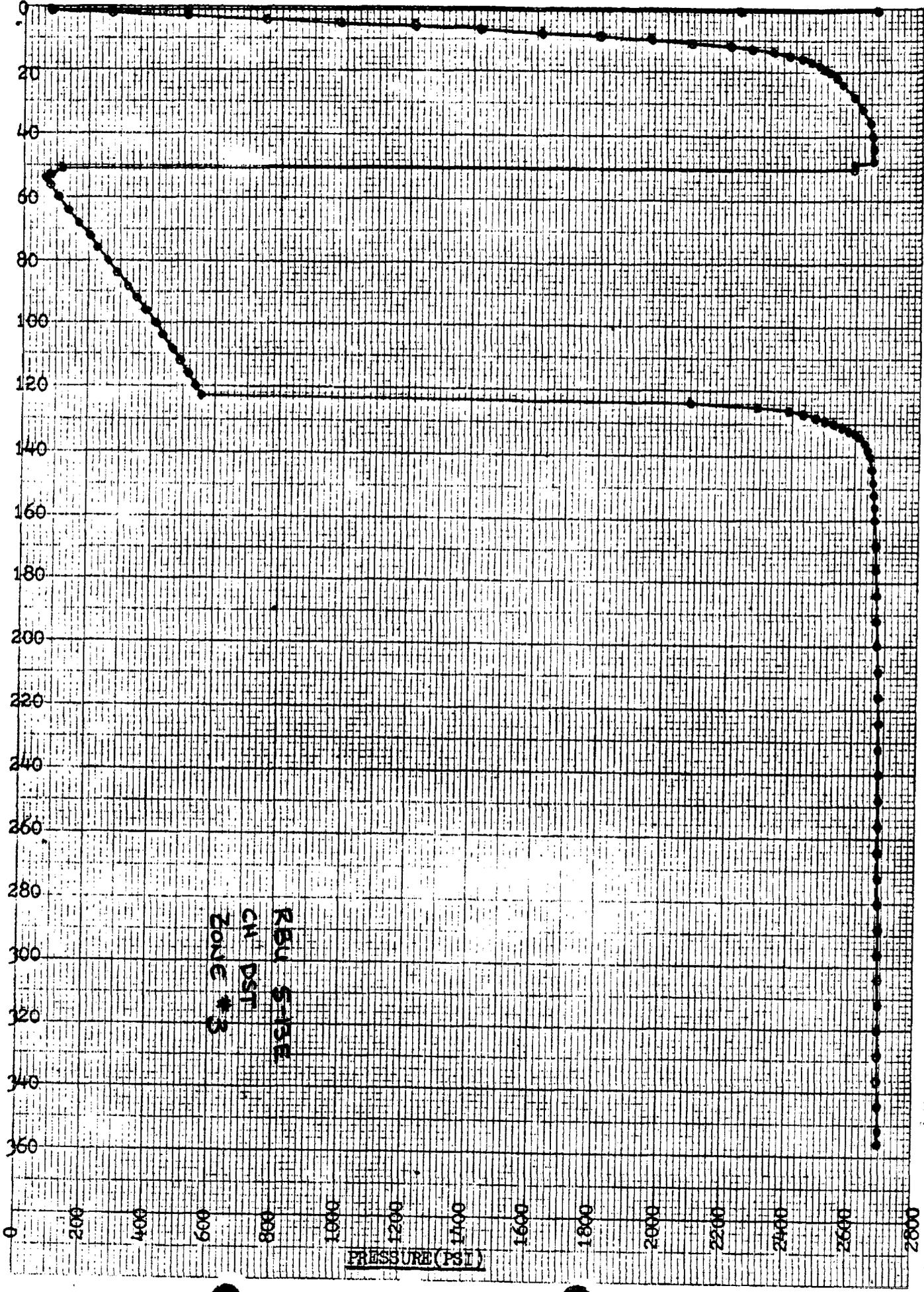
ELAPSED TIME HR. MIN. SEC.	PERIOD TIME MIN.	SURFACE PRESS PSIG	DPS/DT PSI/MIN	PURE GAS MSCF/D	PURE LIQUID BBL/D	GAS-SAT WATER BBL/D	OIL BBL/D
0 48 25	4.25	4.19	1.71	17.	2132.	1397.	2149.
		CUM VOLUME		0.279E-01	4.	2.	4.
0 48 30	4.33	4.24	0.59	6.	728.	446.	739.
		CUM VOLUME		0.283E-01	5.	2.	5.
0 48 35	4.42	4.30	0.71	7.	878.	540.	881.
		CUM VOLUME		0.287E-01	5.	2.	5.
0 48 40	4.50	4.33	0.32	3.	397.	244.	398.
		CUM VOLUME		0.289E-01	5.	3.	5.
0 48 45	4.58	4.41	0.96	9.	1172.	725.	1177.
		CUM VOLUME		0.294E-01	5.	3.	5.
0 48 50	4.67	4.46	0.65	6.	792.	491.	794.
		CUM VOLUME		0.298E-01	5.	3.	5.
0 48 55	4.75	4.56	1.17	12.	1409.	878.	1417.
		CUM VOLUME		0.305E-01	5.	3.	5.
0 49 0	4.83	4.57	0.18	2.	220.	137.	220.
		CUM VOLUME		0.308E-01	5.	3.	5.
0 49 5	4.92	4.68	1.23	12.	1462.	916.	1470.
		CUM VOLUME		0.313E-01	5.	3.	5.
0 49 10	5.00	4.70	0.34	3.	408.	255.	409.
		CUM VOLUME		0.315E-01	5.	3.	5.
0 49 15	5.08	4.82	1.51	15.	1764.	1114.	1777.
		CUM VOLUME		0.323E-01	5.	3.	5.
0 49 20	5.17	4.83	-0.04	-0.	-51.	-32.	-51.
		CUM VOLUME		0.323E-01	5.	3.	5.
0 49 25	5.25	4.96	1.63	16.	1876.	1192.	1899.
		CUM VOLUME		0.333E-01	5.	3.	5.
0 49 30	5.33	4.94	-0.23	-2.	-262.	-166.	-262.
		CUM VOLUME		0.333E-01	5.	3.	5.
0 49 35	5.42	5.09	1.80	18.	2052.	1311.	2066.
		CUM VOLUME		0.343E-01	5.	3.	5.
0 49 40	5.50	5.06	-0.34	-3.	-385.	-244.	-384.
		CUM VOLUME		0.343E-01	5.	3.	5.
0 49 45	5.58	5.15	0.97	10.	1095.	700.	1097.
		CUM VOLUME		0.348E-01	5.	3.	5.

*close to 1445 5min*

46 1323

10 X 10 TO 12 INCH 7 X 8 INCHES  
KEUFFEL & ESSER CO. MADE IN U.S.A.

TIME (HOURS)



RBU 5-13E  
CH DST  
Zone #3

PRESSURE (PSI)

# Son Oilfield Service Inc.

## SUB-SURFACE SURVEY

Company CNG PRODUCING CO. Field RIVER BEND UNIT Lease and Well RBU 5-13E  
County UINTAH State UTAH Date JANUARY 8/23, 1987

T. D. .... Formation .....

Elevation ..... Casing .....

Perforation ..... Tubing .....

Datum Point 6232' -6244'

CH DST  
ZONE #3

### 356 HR. BHP FLOWING & BUILDUP SURVEY

<u>TIME (HOURS)</u>	<u>PRESSURE (PSI)</u>	
0:00	3400	-- BOMBS RAN IN TBG. ON BOTTOM 1-8-87.
0:15	3400	
0:30	3400	
0:45	2659	-- STARTED PLOTTING FROM THIS POINT.
1:00	2228	
1:15	83	
1:30	162	
1:45	227	
2:00	273	
2:15	341	
2:30	401	
2:45	456	
3:00	510	
3:15	568	
3:30	630	
3:45	695	
4:00	750	
4:15	807	
4:30	862	
4:45	922	
5:00	982	
5:15	1044	
5:30	1103	
5:45	1162	
6:00	1214	
6:15	1266	
6:30	1325	
6:45	1374	
7:00	1423	
7:15	1472	
7:30	1526	
7:45	1572	
8:00	1616	
8:15	1665	
8:30	1711	
8:45	1753	
9:00	1796	
9:15	1835	
9:30	1876	
9:45	1915	
10:00	1951	
10:15	1987	

CONTINUED ON PG. 2.

# Son Oilfield Service Inc.

## SUB-SURFACE SURVEY

Company CNG PRODUCING CO. Field RIVER BEND UNIT Lease and Well RBU 5-13E

County UINTAH State UTAH Date JANUARY 8/23, 1987

T. D. .... Formation .....

Elevation ..... Casing .....

Perforation ..... Tubing .....

Datum Point 6232' -6244'

### 356 HR. BHP FLOWING & BUILDUP SURVEY (CONT.)

<u>TIME(HOURS)</u>	<u>PRESSURE(Psi)</u>	<u>TIME(HOURS)</u>	<u>PRESSURE(Psi)</u>
10:30	2018	21:00	2518
10:45	2044	21:15	2521
11:00	2074	21:30	2523
11:15	2103	21:45	2526
11:30	2128	22:00	2528
11:45	2172	23:00	2539
12:00	2197	24:00	2549
12:15	2208	28:00	2587
12:30	2226	32:00	2615
12:45	2244	36:00	2641
13:00	2264	40:00	2646
13:15	2282	44:00	2649
13:30	2297	48:00	2651
13:45	2318	48:15	2595
14:00	2331	48:30	2590
14:15	2346	48:45	2590
14:30	2359	49:00	2590
14:45	2372	49:15	2590
15:00	2385	49:30	2590
15:15	2392	49:45	2590
15:30	2400	50:00	2590
15:45	2410	50:15	1861
16:00	2423	50:30	104
16:15	2431	50:45	112
16:30	2439	51:00	115
16:45	2446	51:15	115
17:00	2451	51:30	117
17:15	2456	51:45	117
17:30	2464	52:00	117
17:45	2469	52:15	112
18:00	2474	52:30	99
18:15	2480	52:45	91
18:30	2485	53:00	83
18:45	2487	53:15	76
19:00	2492	53:30	70
19:15	2495	53:45	69
19:30	2500	54:00	68
19:45	2505	54:15	70
20:00	2508	54:30	70
20:15	2510	54:45	73
20:30	2513	55:00	73
20:45	2515	56:00	81

CONTINUED ON PG. 3.

# Sl Oilfield Service Inc.

## SUB-SURFACE SURVEY

Company CNG PRODUCING CO. Field RIVER BEND UNIT Lease and Well RBU 5-13E  
 County UINTAH State UTAH Date JANUARY 8/23, 1987

T. D. .... Formation .....

Elevation ..... Casing .....

Perforation ..... Tubing .....

Datum Point 6232' -6244'

### 356 HR. BHP FLOWING & BUILDUP SURVEY (CONT.)

<u>TIME(HOURS)</u>	<u>PRESSURE(PST)</u>	<u>TIME(HOURS)</u>	<u>PRESSURE(PST)</u>
060:00	104	128:00	2474
064:00	138	128:15	2482
068:00	172	128:30	2490
072:00	206	128:45	2497
076:00	232	129:00	2505
080:00	260	129:15	2513
084:00	292	129:30	2521
088:00	323	129:45	2526
092:00	354	130:00	2533
096:00	383	130:15	2541
100:00	414	130:30	2546
104:00	438	130:45	2551
108:00	464	131:00	2559
112:00	490	131:15	2564
116:00	516	131:30	2572
120:00	539	131:45	2577
121:00	547	132:00	2582
122:00	552	133:00	2600
122:15	555	134:00	2613
122:30	555	135:00	2621
122:45	557	136:00	2628
123:00	557	137:00	2633
123:15	1577	138:00	2639
123:30	1964	139:00	2641
123:45	2026	140:00	2646
124:00	2080	144:00	2656
124:15	2151	148:00	2659
124:30	2210	152:00	2662
124:45	2254	156:00	2664
125:00	2290	160:00	2667
125:15	2321	168:00	2669
125:30	2346	176:00	2672
125:45	2369	184:00	2674
126:00	2387	192:00	2674
126:15	2400	200:00	2677
126:30	2413	208:00	2680
126:45	2423	216:00	2682
127:00	2436	224:00	2682
127:15	2444	232:00	2682
127:30	2454	240:00	2685
127:45	2462		

CONTINUED ON PG. 4.

**Sun Oilfield Service, Inc.****SUB-SURFACE SURVEY**

Company CNG PRODUCING CO. Field RIVER BEND UNIT Lease and Well RBU 5-13E  
 County UINTAH State UTAH Date JANUARY 8/23, 1987

T. D. .... Formation .....

Elevation ..... Casing .....

Perforation ..... Tubing .....

Datum Point 6232' - 6244'

356 HR. BHP FLOWING & BUILDUP SURVEY

<u>TIME (HOURS)</u>	<u>PRESSURE (PSI)</u>
248:00	2685
256:00	2685
264:00	2685
272:00	2687
280:00	2687
288:00	2690
296:00	2690
304:00	2692
312:00	2692
320:00	2695
328:00	2695
336:00	2695
344:00	2695
352:00	2697
356:00	2697

-- CLOCK RAN OUT 1-23-87.

REMARKS:

1. AMERADA INSTRUMENT #52315, 5000 PSI, 360 HR. CLOCK.
2. BOMBS RAN IN TUBING STRING BY RIG.

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	7. If Unit or CA, Agreement Disgnation River Bend Unit
2. Name of Operator CNG PRODUCING COMPANY	8. Well Name and No. RBU
3. Address and Telephone No. (504) 593-7260 CNG Tower - 1450 Poydras Street, New Orleans, LA 70112-6000	9. API Well No. 5-13E 43-047-31715
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 2,452' FNL & 803' FWL - SW NW Sec. 13-10S-19E	10. Field and Pool, or Exploratory Area
	11. County or Parish, State Uintah, Utah

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 type="checkbox"/> Change of Plans
<input checked="" 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 - Monthly Report	<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 the work.)\*

Completion commenced on 5/7/91 and was completed on 5/16/91.  
8 5/8" casing 24# set @ +/-400', 12 1/4" hole, 190 sxs Cl G cement.  
5 1/2" casing #17, set @ +/-6,650', 7 5/8' hole, 235 sxs Hi Lift & 765 sxs 50/50 cement.  
Perforated @ 6,298' - 6,328'. Well completed in Chapita Wells (Wasatch).  
TD 6,964'; PBTD 6,696'.  
Waiting on pipeline.

RECEIVED

JUN 06 1991

DIVISION OF  
OIL GAS & MINING

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

Signed W. Scot Childress Title Supervisor, Prod. Eng. Date June 5, 1991  
W. Scot Childress

(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.

STATE OF UTAH  
DIVISION OF OIL, GAS & MINING  
WELL COMPLETION FORM

COMPANY: CNG PRODUCING

WELL NAME: RBU 5-13E

API #: 43-047-31715

QTR QTR: SWNW SECTION: 13

TWP: 10 SOUTH RANGE: 19 EAST

INSPECTOR: CAROL KUBLY

TIME: 1415 HRS DATE: 7.13.91

WELL STATUS: SGW

PRODUCING FORMATION: WSTC

SPUD DATE: 09.25.86

T.D. DATE:

DEPTH:

IP: BOPD: 0

MCFPD: 1532

BWPD: 0

```

=====
__Y__ WELL SIGN      __Y__ HOUSEKEEPING  __Y__ SECURITY
__Y__ RESERVE PIT   __Y__ FLARE PIT     __N__ EMERGENCY PIT
__N__ FLARING       __N__ VENTING       __N__ METERING
=====

```

LEGEND: (Y) - YES (N) - NO (P) - PROBLEM (N/A) - NOT APPLICABLE

FACILITIES INSPECTED: LOCATION, WELL HEAD W/ TREE, 2 PRODUCTION UNITS,  
1 STOCK TANK, 1 CONDENSATE TANK, TUBING ON PIPE RACK.

REMARKS: SGW - PIT UNFENCED AND DRY.

ACTION: FILL IN RESERVE PIT. \_\_\_\_\_

\_\_\_\_\_

=====

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIP  
(Other instruction  
verse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U013765

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Riverbend Unit

8. FARM OR LEASE NAME

RBU

9. WELL NO.

5-13E

10. FIELD AND POOL, OR WILDCAT

Island

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

Sec. 13-10S-R19E

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

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

OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR

CNG Producing Company

3. ADDRESS OF OPERATOR

CNG Tower - 1450 Poydras Street, N.O., LA 70112-6000

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)

At surface 2452' FNL & 803' FWL  
SW NW Sec. 13-T10S-R19E

14. PERMIT NO.

43-047-31715

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

KB to GR 12'; BK=5116'

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

Initial Prod. Notice X

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Well was placed on initial production on August 30, 1991, at 2 AM.  
Well producing from Wasatch Formation - Perforations 6298' - ~~6238'~~  
6298'

Note: Verbal notification of initial production telephoned in to BLM  
by Yvonne Abadie, CNG. Information given to Margie Herrman, BLM  
on September 3, 1991, 3:30 PM

RECEIVED

SEP 04 1991

DIVISION OF  
OIL GAS & MINING

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

SIGNED

*Yvonne Abadie*

TITLE

Regulatory Reports

Administrator

DATE

9/3/91

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

DISCLOSED

MAR 3 0 1982

DIVISION OF  
OIL, GAS & MINING

42-047-31715  
RBU 5-13E  
ACTIVITY RECAP

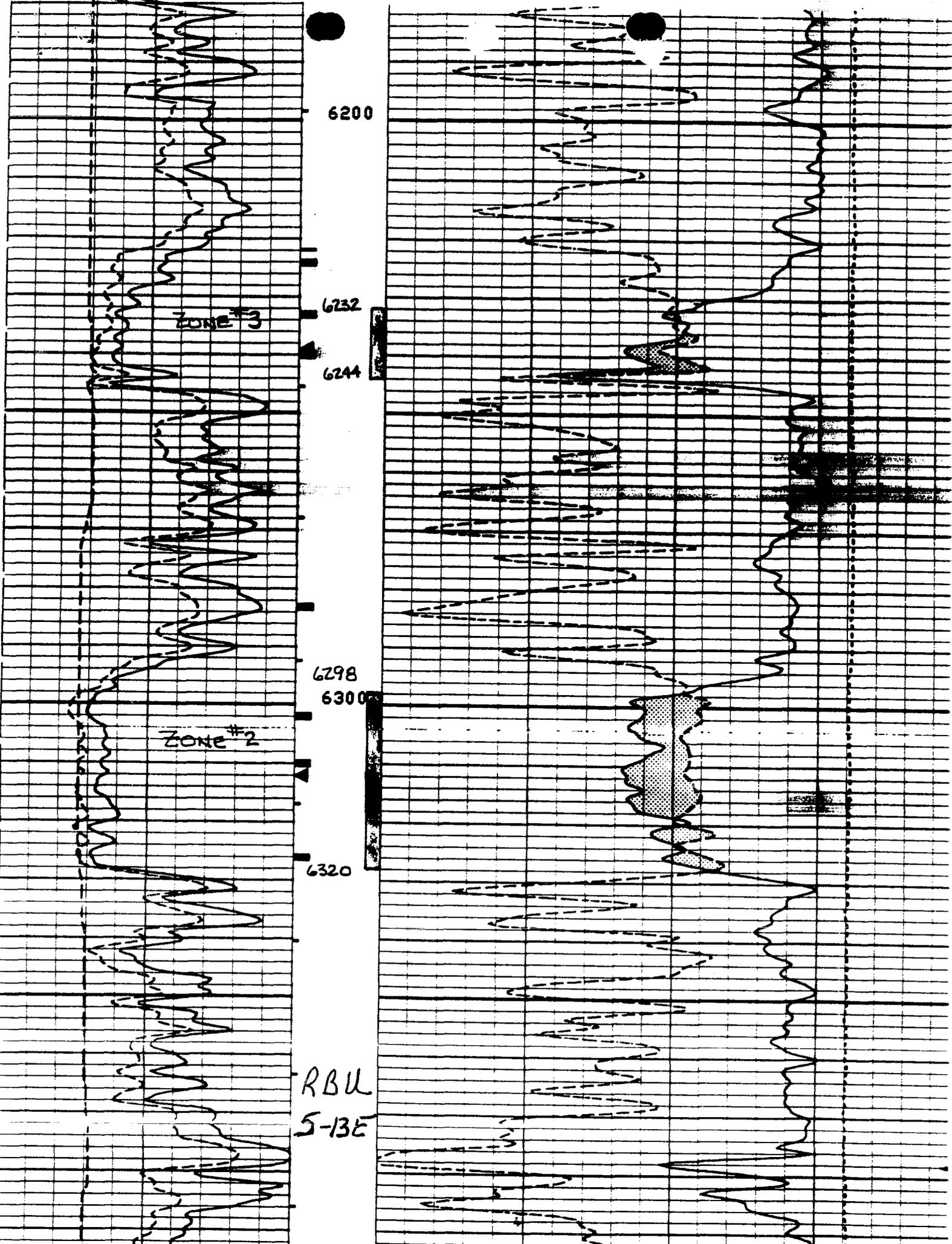
<u>Date(s)</u>	<u>Activity</u>
10/27-28/86	Clean out wellbore to 6696'. Pressure test casing and BOP to 5,000 psi.
10/30/86	Ran CBL, Base NGT and Base Temperature logs - Schlumberger.
11/12-13/86	Performed RFT's at: 6556', 6528', 6316', 6312', 6239', 6087', 5734', and 4918'.
11/14/86	Perforated as follows: (Welex 4 SPF, 120° phasing, premium charges).  Zone #1 6520-38', 6548-62' Zone #2 6298-6328' Zone #3 6232-44' Zone #4 6082-90' Zone #5 5730-42' Zone #6 4900-32'
11/15/86	Cleaned out tubing and casing. Removed bad joint of tubing.  <u>Zone #1 (6520-38, 6548-62)</u>
11/17-19/86	Attempted DST with Flopetrol tools. Had to repair tools.
11/20-12/1/86	Performed DST. BHP build up to 2992 psi after 5 min. flow. Initiated extended flow. Q stable at 109 MCF/D, FBHP = 209 psia, FTP = 58 psig on 1/8" choke after 75.5 hours. Closed downhole valve. Built up BHP after 7 days to 2508 psi on mechanical recorders. Electronic recorders failed. Pressure still increasing but mechanical clocks expired.  <u>Zone #2 (6298-6328)</u>
12/1/86	POOH with DST tools. Set RBP at 6354'. Tested to 3500 psi.
12/2-18/86	Performed DST without SPRO. Initial flow was 49 min. Initial build-up was 48 hrs 36 min. Flowed for 72 hrs. Set plug for extended build-up (1730 hrs. 12/7/86). Ended DST at 0800 hrs. 12/18/86.

12/19/86

POOH with DST tools. Retrieved RBP from 6354'. Set RBP at 6290'. Secure well. SD.

1/7- /87

Bled 600 psi pressure to pit on 12/64" choke. RIH with DST tools w/o SPRO. Opened MFE for 5 min. flow into closed chamber. Closed MFE for 48 hr build-up. Opened MFE at 1146 1/10/87. Flowing to closed chamber. Pressure increased. Open to pit for 1 hr. on 1/8" choke. Pressure dropped. Closed in surface at Teleflow to flow for 72 hrs into closed chamber. Closed MFE at 1157 1/13/87 for extended build-up. Maximum surface pressure was 499.88 psig. Bled off tubing to 24 psi to see that MFE was holding. Holding OK.



6200

6232

6244

ZONE #3

6298

6300

ZONE #2

6320

RBU  
5-13E

CNG Producing  
Company

April 22, 1992

Mr. David Little  
District Manager  
Dept. of the Interior  
Bureau of Land Management  
Vernal District Office  
170 South 500 East  
Vernal, UT 84078

RECEIVED

APR 27 1992

DIVISION OF  
OIL GAS & MINING

RE: Application for Disposal of Produced Water  
NTL-2B

Dear Mr. Little:

Pursuant to NTL-2B Revised August 1, 1978, CNG Producing Company hereby makes applications under Section 1, Exception No. 4. This request is for a 40 x 40 x 6' pit adjacent to gas separator in which production water is collected. The wells make less than five (5) bbls per day. The evaporation rate for the area is four (4) feet per year and the percolation rate of the soil is approximately 1" per day.

Some of the pits are unlined, (except with native clay), when they are not located next to drainage. These pits have also been tested for water loss. The pits that showed water loss are lined with native clay and a .12 mil liner.

The accompanying map shows the location of the pits, however, exact location of the pits have been submitted with the site security diagram. All wells are located within the River Bend Unit, Uintah County, Utah.

<u>Well Name</u>	<u>Lease Number</u>	<u>Well Location</u>	<u>Section, Township &amp; Range</u>
1. RBU 8-2F	ML-10716	SE NE	2-T10S-R20E
2. RBU 9-9E	U-03505	NE SE	9-T10S-R19E
3. RBU 5-13E	U-013765	SW NW	13-T10S-R19E
4. RBU 13-13E	U-01376	SW SW	13-T10S-R19E
5. RBU 15-13E	U-013765	SW SE	13-T10S-R19E
6. RBU 7-15E	U-013766	SW NE	15-T10S-R19E
7. RBU 1-16E	ML-13214	NE NE	16-T10S-R19E
9. RBU 3-17FX	U-013769-C	NE NW	17-T10S-R20E
9. RBU 8-18F	U-013769	SE NE	18-T10S-R20E
10. RBU 13-23E	U-013766	SW SW	23-T10S-R19E
11. RBU 5-24E	U-013794	SW NW	24-T10S-R19E
12. RBU 13-35B	U-017713	SW SW	35-T9S-R19E

Mr. David Little, District Manager  
Bureau of Land Management

Page 2  
April 22, 1992

If you have any questions or need any further information, please feel free to contact either myself at (504) 593-7260 or our project engineer, Scot Childress, at (504) 593-7574. Thank you for your cooperation.

Sincerely,

*Susan M. Hebert*

Susan M. Hebert  
Regulatory Reports Asst. II

Enclosure

cc: Utah Board of Oil, Gas & Mining  
Yvonne Abadie  
Scot Childress  
Brian Coffin  
Darwin Kulland  
Jim Nicas  
RBU Well files

RECEIVED

APR 27 1992

DIVISION OF  
OIL GAS & MINING

April 22, 1992

Mr. David Little  
District Manager  
Dept. of the Interior  
Bureau of Land Management  
Vernal District Office  
170 South 500 East  
Vernal, UT 84078

RE: Application for Disposal of Produced Water  
NTL-2B

Dear Mr. Little:

Pursuant to NTL-2B Revised August 1, 1978, CNG Producing Company hereby makes applications under Section 1, Exception No. 4. This request is for an additional 10 x 10 x 6' pit adjacent to the dehi in which production water is collected. The wells make less than five (5) bbls per day. The evaporation rate for the area is four (4) feet per year and the percolation rate of the soil is approximately 1" per day.

Some of the pits are unlined, (except with native clay), when they are not located next to drainage. These pits have also been tested for water loss. The pits that showed water loss are lined with native clay and a .12 mil liner.

The accompanying map shows the location of the pits, however, exact location of the pits have been submitted with the site security diagram. All wells are located within the River Bend Unit, Uintah County, Utah.

<u>Well Name</u>	<u>Lease Number</u>	<u>Well Location</u>	<u>Section, Township &amp; Range</u>
1. RBU 16-2F	ML-10716	SE SE	2-T10S-R20E
2. RBU 11-3E	U-013765	NE SW	3-T10S-R19E
3. RBU 9-9E	U-03505	NE SE	9-T10S-R19E
4. RBU 5-13E	U-013765	SW NW	13-T10S-R19E
5. RBU 7-13E	U-013765	SW NE	13-T10S-R19E
6. RBU 13-13E	U-01376	SW SW	13-T10S-R19E
7. RBU 5-14E	U-013792	SW NW	14-T10S-R19E
8. RBU 13-14E	U-013792	SW SW	14-T10S-R19E
9. RBU 11-15E	U-013766	NE SW	15-T10S-R19E
10. RBU 1-16E	ML-13214	NE NE	16-T10S-R19E

Mr. David Little, District Manager  
Bureau of Land Management

Page 2  
April 22, 1992

<u>Well Name</u>	<u>Lease Number</u>	<u>Well Location</u>	<u>Section, Township &amp; Range</u>
11. RBU 9-16E	ML-13214	NE SE	16-T10S-R19E
12. RBU 6-18F	U-013769	SE NW	18-T10S-R20E
13. RBU 9-20F	U-0143520-A	NE SE	20-T10S-R20E
14. RBU 12-20F	U-0143520-A	NW SW	20-T10S-R20E
15. RBU 9-22E	U-013792	NE SE	22-T10S-R19E
16. RBU 15-23E	U-013766	SW SE	23-T10S-R19E
17. RBU 13-24E	U-013794	SW SW	24-T10S-R19E
18. RBU 15-24E	U-013794	SW SE	24-T10S-R19E

If you have any questions or need any further information, please feel free to contact either myself at (504) 593-7260 or our project engineer, Scot Childress, at (504) 593-7574. Thank you for your cooperation.

Sincerely,

*Susan M. Hebert*

Susan M. Hebert  
Regulatory Reports Asst. II

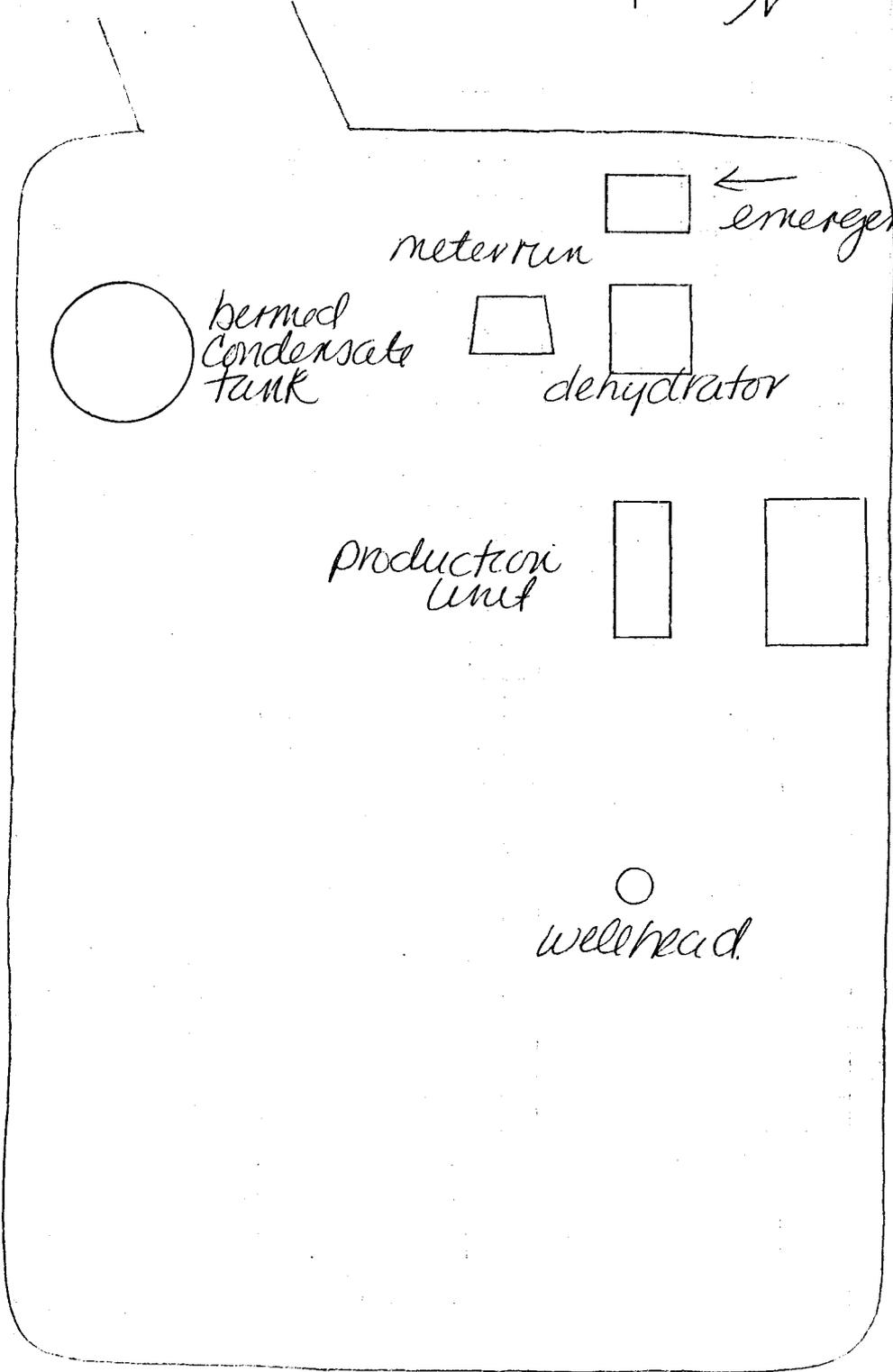
Enclosure

cc: Utah Board of Oil, Gas & Mining  
Yvonne Abadie  
Scot Childress  
Brian Coffin  
Darwin Kulland  
Jim Nicas  
RBU Well files

RBU 5-13E

Sec 13, T10S0, R19E

Bubly 5.28.92



meter run

emergency pits

bermed  
Condensate  
Tank

dehydrator

production  
unit

wellhead



# United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Vernal District Office  
170 South 500 East  
Vernal, Utah 84078



IN REPLY REFER TO:

Phone (801) 789-1362

FAX (801) 789-3634

3162.32  
UT085

JUL 31 1992

CNG Producing Company  
Attn: Susan Hebert  
Regulatory Reports Assistant  
CNG Tower, 1450 Polydras Street  
New Orleans, LA 70112-6000

Re: NTL-2B Applications for 18 wells  
in River Bend Unit  
Uintah County, Utah

Dear Ms. Hebert:

In your letter of April 22, 1992, you requested NTL-2B authorization for 18 wells. We have reviewed your request for permission to dispose of produced water at these locations as per the regulations under Section IV exception 4. The volume of water to be disposed of per facility does not exceed 5 barrels per day on a monthly basis.

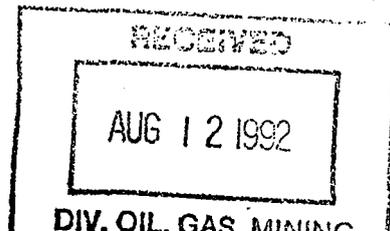
Your request includes three wells located on State of Utah leases where the State of Utah has jurisdiction over regulating your production of produced water. One of these is River Bend Unit well 16-2F in Section 2, T10S, R20E with federal surface. For this well we simply stipulate that the pit size of its second pit not exceed 10 feet by 10 feet by 6 feet and the APD fencing requirements be followed when you seek your required NTL-2B approval from the state of Utah for the three state wells:

✓ RBU 16-2F on lease ML-10716 SESE, Sec. 2, T10S, R20E	43-047-30000
✓ RBU 9-16E on lease ML-13214 NESE, Sec. 16, T10S, R19E	43-047-30040
✓ RBU 1-16E on lease ML-13214 NENE, Sec. 16, T10S, R19E	43-047-31740

At well 13-13E on lease U-013765, SWSW Sec. 13, T10S, R20E, presently one pit is in use and your request for a second pit does not appear justified and is therefore denied. Construction of a second pit would require changing the present installations around. One pit at the 13-13E location has been adequate since the well was completed, September 15, 1991.

For the other 14 wells, your request is approved subject to guidelines and requirements provided for in Section V, NTL-2B, and subject to the stipulations:

1. No second pit larger than 10 feet by 10 feet by 6 feet is authorized as a permanent disposal pit at any of these 14 wells unless it is justified by a subsequent request from CNG and substantial evidence to support that request.
2. The fencing requirements in the approved APD for each well site will be followed.



CNG should be aware that the following requirements were part of the APD approvals for the 14 wells:

Fencing Requirements

All pits will be fenced according to the following minimum standards:

- a. 39-inch net wire shall be used with at least one strand of barbed wire on top of the net wire (barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence).
- b. The net wire shall be no more than 2 inches above the ground. The barbed wire shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.
- c. Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
- d. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16 feet.
- e. All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

A list of the 14 wells where a second NTL-2B pit is authorized under this approval is as follows:

<u>No.</u>	<u>Well Name</u>	<u>Lease Number</u>	<u>Well Location</u>	<u>Section, Township, &amp; Range</u>
1.	RBU 11-3E	U-013765	NESW	3-T10S-R19E 43-047-30037
2.	RBU 7-13E	U-013765	SWNE	13-T10S-R19E 43-047-30051
3.	RBU 5-14E	U-013792	SWNW	14-T10S-R19E 43-047-30041
4.	RBU 13-14E	U-013792	SWSW	14-T10S-R19E 43-047-30033
5.	RBU 11-15E	U-013766	NESW	15-T10S-R19E 43-047-30073
6.	RBU 6-18F	U-013769	SENE	18-T10S-R20E 43-047-30038
7.	RBU 9-20F	U-0143520-A	NESE	20-T10S-R20E 43-047-30081
8.	RBU 12-20F	U-0143520-A	NWSW	20-T10S-R20E 43-047-30050
9.	RBU 9-22E	U-013792	NESE	22-T10S-R19E 43-047-30071
10.	RBU 15-23E	U-013766	SWSE	23-T10S-R19E 43-047-30080
11.	RBU 13-24E	U-013794	SWSW	24-T10S-R19E 43-047-30083
12.	RBU 15-24E	U-013794	SWSE	24-T10S-R19E 43-047-30040
13.	RBU 5-13E	U-013765	SWNW	13-T10S-R19E 43-047-31715
14.	RBU 9-9E	U-03505	NESE	9-T10S-R19E 43-047-31739

CNG Producing  
Company

Division	
NO	
EIS	
ADM	
RES	
OPS	
APR 27 '92	
BUREAU OF LAND MGMT. VERNAL, UTAH	
MIN	
DM	
BC	
ALL EM	

April 22, 1992

Mr. David Little  
District Manager  
Dept. of the Interior  
Bureau of Land Management  
Vernal District Office  
170 South 500 East  
Vernal, UT 84078

VERNAL DIST.	
ENG. <i>EAH 4-22-92</i>	
GEOL.	
E.S. <i>AD</i>	
PET.	
A.M.	

RE: Application for Disposal of Produced Water  
NTL-2B

Dear Mr. Little:

Pursuant to NTL-2B Revised August 1, 1978, CNG Producing Company hereby makes applications under Section 1, Exception No. 4. This request is for an additional 10 x 10 x 6' pit adjacent to the dehi in which production water is collected. The wells make less than five (5) bbls per day. The evaporation rate for the area is four (4) feet per year and the percolation rate of the soil is approximately 1" per day.

Some of the pits are unlined, (except with native clay), when they are not located next to drainage. These pits have also been tested for water loss. The pits that showed water loss are lined with native clay and a .12 mil liner.

The accompanying map shows the location of the pits, however, exact location of the pits have been submitted with the site security diagram. All wells are located within the River Bend Unit, Uintah County, Utah.

<u>Well Name</u>	<u>Lease Number</u>	<u>Well Location</u>	<u>Section, Township &amp; Range</u>
1. RBU 16-2F	ML-10716	SE SE	2-T10S-R20E
2. RBU 11-3E	U-013765	NE SW	3-T10S-R19E
3. RBU 9-9E	U-03505	NE SE	9-T10S-R19E
4. RBU 5-13E	U-013765	SW NW	13-T10S-R19E
5. RBU 7-13E	U-013765	SW NE	13-T10S-R19E
6. RBU 13-13E	U-01376	SW SW	13-T10S-R19E
7. RBU 5-14E	U-013792	SW NW	14-T10S-R19E
8. RBU 13-14E	U-013792	SW SW	14-T10S-R19E
9. RBU 11-15E	U-013766	NE SW	15-T10S-R19E
10. RBU 1-16E	ML-13214	NE NE	16-T10S-R19E

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AUG 12 1992  
DIV. OIL, GAS, MINING

Mr. David Little, District Manager  
Bureau of Land Management

Page 2  
April 22, 1992

<u>Well Name</u>	<u>Lease Number</u>	<u>Well Location</u>	<u>Section, Township &amp; Range</u>
11. RBU 9-16E	ML-13214	NE SE	16-T10S-R19E
12. RBU 6-18F	U-013769	SE NW	18-T10S-R20E
13. RBU 9-20F	U-0143520-A	NE SE	20-T10S-R20E
14. RBU 12-20F	U-0143520-A	NW SW	20-T10S-R20E
15. RBU 9-22E	U-013792	NE SE	22-T10S-R19E
16. RBU 15-23E	U-013766	SW SE	23-T10S-R19E
17. RBU 13-24E	U-013794	SW SW	24-T10S-R19E
18. RBU 15-24E	U-013794	SW SE	24-T10S-R19E

If you have any questions or need any further information, please feel free to contact either myself at (504) 593-7260 or our project engineer, Scot Childress, at (504) 593-7574. Thank you for your cooperation.

Sincerely,

*Susan M. Hebert*  
Susan M. Hebert  
Regulatory Reports Asst. II

Enclosure

cc: Utah Board of Oil, Gas & Mining  
Yvonne Abadie  
Scot Childress  
Brian Coffin  
Darwin Kulland  
Jim Nicas  
RBU Well files



# United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Vernal District Office  
170 South 500 East  
Vernal, Utah 84078



IN REPLY REFER TO:

Phone (801) 789-1362

FAX (801) 789-3634

3162.32  
UT085

JUL 31 1992

CNG Producing Company  
Attn: Susan Hebert  
Regulatory Reports Assistant  
CNG Tower, 1450 Polydras Street  
New Orleans, LA 70112-6000

Re: NTL-2B Applications for 12 wells  
in River Bend Unit  
Uintah County, Utah

Dear Ms. Hebert:

In your letter of April 22, 1992, you requested NTL-2B authorization for 12 wells. We have reviewed your request for permission to dispose of produced water at these locations as per the regulations under Section IV exception 4. The volume of water to be disposed of per facility does not exceed 5 barrels per day on a monthly basis.

Your request includes two wells located on State of Utah leases where the State of Utah has jurisdiction over regulating your production of produced water. The RBU 8-2F well involves Federal Surface. For it we simply stipulate that the pit size not exceed 40 feet by 40 feet by 6 feet and the APD fencing requirements be followed when you seek your required NTL-2B approval from the state of Utah for the two state wells:

OK RBU 8-2F on lease ML-10716 SENE, Sec. 2, T10S, R20E

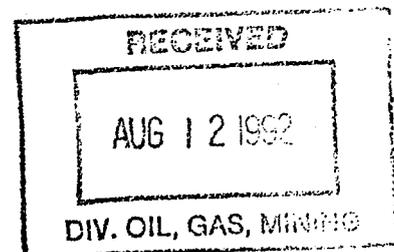
OK RBU 1-16E on lease ML-13214 NENE, Sec. 16, T10S, R19E

93-047-32136

93-047-31740

For the other 10 wells, your request is approved subject to guidelines and requirements provided for in Section V, NTL-2B, and subject to the stipulations:

1. No pit larger than 40 feet by 40 feet by 6 feet is authorized as a permanent disposal pit at any of these 10 wells unless it is justified by a subsequent request from CNG and substantial evidence to support that request.
2. The fencing requirements in the approved APD for each well site will be followed.



CNG should be aware that the following requirements were part of the APD approvals for the 10 wells:

Fencing Requirements

All pits will be fenced according to the following minimum standards:

- a. 39-inch net wire shall be used with at least one strand of barbed wire on top of the net wire (barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence).
- b. The net wire shall be no more than 2 inches above the ground. The barbed wire shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.
- c. Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
- d. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16 feet.
- e. All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

A recent inspection of these 10 well sites showed that one of them had a drain pit constructed as part of their recent installation of production equipment. You have requested only one pit at each well in your letter. A separate request is needed if additional drain pits are needed. Drain pits are presently at the 7-13E, 5-14E, 13-14E, 9-20F, 15-23E, and 13-24E wells. The drain pit at well 5-13E is filed for in your other letter of April 22, 1992.

A list of the 10 wells where one NTL-2B pit is authorized under this approval is as follows:

<u>No.</u>	<u>Well Name</u>	<u>Lease Number</u>	<u>Well Location</u>	<u>Section, Township, &amp; Range</u>
1.	RBU 9-9E	U-03505	NESE	9-T10S-R19E 43-047-31739
2.	RBU 5-13E	U-013765	SWNW	13-T10S-R19E 43-047-31715
3.	RBU 13-13E	U-013765	SWSW	13-T10S-R19E 43-047-31717
4.	RBU 15-13E	U-013765	SWSE	13-T10S-R19E 43-047-32167
5.	RBU 7-15E	U-013766	SWNE	15-T10S-R19E 43-047-32166
6.	RBU 3-17FX	U-013769-C	NENW	17-T10S-R20E 43-047-32191
7.	RBU 8-18F	U-013769	SENE	18-T10S-R20E 43-047-32149
8.	RBU 13-23E	U-013766	SWSW	23-T10S-R19E 43-047-32153
9.	RBU 5-24E	U-013794	SWNW	24-T10S-R19E 43-047-32154
10.	RBU 13-35B	U-017713	SWSW	35-T 9S-R19E 43-047-32094

CNG Producing  
Company

RECEIVED  
AUG 12 1992  
DIV. OIL, GAS, MINING

April 22, 1992

Mr. David Little  
District Manager  
Dept. of the Interior  
Bureau of Land Management  
Vernal District Office  
170 South 500 East  
Vernal, UT 84078

VERNAL DIST.  
ENG. *ED 4-2-92*  
GEOL. \_\_\_\_\_  
ES. *DL*  
PET. \_\_\_\_\_  
AM. \_\_\_\_\_

RE: Application for Disposal of Produced Water  
NTL-2B

Dear Mr. Little:

Pursuant to NTL-2B Revised August 1, 1978, CNG Producing Company hereby makes applications under Section 1, Exception No. 4. This request is for a 40 x 40 x 6' pit adjacent to gas separator in which production water is collected. The wells make less than five (5) bbls per day. The evaporation rate for the area is four (4) feet per year and the percolation rate of the soil is approximately 1" per day.

Some of the pits are unlined, (except with native clay), when they are not located next to drainage. These pits have also been tested for water loss. The pits that showed water loss are lined with native clay and a .12 mil liner.

The accompanying map shows the location of the pits, however, exact location of the pits have been submitted with the site security diagram. All wells are located within the River Bend Unit, Uintah County, Utah.

<u>Well Name</u>	<u>Lease Number</u>	<u>Well Location</u>	<u>Section, Township &amp; Range</u>
1. RBU 8-2F	ML-10716	SE NE	2-T10S-R20E
2. RBU 9-9E	U-03505	NE SE	9-T10S-R19E
3. RBU 5-13E	U-013765	SW NW	13-T10S-R19E
4. RBU 13-13E	U-01376	SW SW	13-T10S-R19E
5. RBU 15-13E	U-013765	SW SE	13-T10S-R19E
6. RBU 7-15E	U-013766	SW NE	15-T10S-R19E
7. RBU 1-16E	ML-13214	NE NE	16-T10S-R19E
8. RBU 3-17FX	U-013769-C	NE NW	17-T10S-R20E
9. RBU 8-18F	U-013769	SE NE	18-T10S-R20E
10. RBU 13-23E	U-013766	SW SW	23-T10S-R19E
11. RBU 5-24E	U-013794	SW NW	24-T10S-R19E
12. RBU 13-35B	U-017713	SW SW	35-T9S-R19E

Mr. David Little, District Manager  
Bureau of Land Management

Page 2  
April 22, 1992

If you have any questions or need any further information, please feel free to contact either myself at (504) 593-7260 or our project engineer, Scot Childress, at (504) 593-7574. Thank you for your cooperation.

Sincerely,

*Susan M. Hebert*

Susan M. Hebert  
Regulatory Reports Asst. II

Enclosure

cc: Utah Board of Oil, Gas & Mining  
Yvonne Abadie  
Scot Childress  
Brian Coffin  
Darwin Kulland  
Jim Nicas  
RBU Well files

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	7. If Unit or GA, Agreement Designation River Bend Unit
2. Name of Operator CNG PRODUCING COMPANY	8. Well Name and No. 5-13E
3. Address and Telephone No. CNG Tower - 1450 Poydras Street, New Orleans, LA 70112-6000	9. API Well No. 43-047-31715
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Surface - 2,452' FNL & 803' FWL of Sec. 13-T10S-R19E	10. Field and Pool, or Exploratory Area Island
	11. County or Parish, State Uintah, Utah

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 type="checkbox"/> Change of Plans
<input checked="" 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 - Weekly Report	<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 measure and true vertical depths for all markers and zones pertinent to the work.)\*

September 10 - September 11, 1992

Rig up rig and equipment. Control well with 50 bbls down tubing and 5 bbls down casing. Nipple down tree. Nipple up BOP. Release packer. Pull out of hole with 2 3/8" tubing and packer. Lay down packer. Bled off casing. Well started flowing. Control well with 80 bbls. Run in hole with 4 3/8" bit, bit sub, drill collars and crossover sub. Run in hole with 20 jts 2 3/8" tubing, tag sand at 6,317'. Clean out sand to bridge plug at 6,470'. Drill out bridge plug. Push junk down to 6,617'. Lay down power swivel. Pull out of hole. Lay down 56 jts 2 3/8" tubing, end of tubing at 4,887'.

RECEIVED

SEP 15 1992

DIVISION OF  
OIL, GAS & MINING

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

Signed Susan M. Hebert Title Regulatory Reports Asst. II Date September 11, 1992  
Susan M. Hebert

(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.

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

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1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	7. If Unit or CA, Agreement Designation River Bend Unit
2. Name of Operator CNG PRODUCING COMPANY	8. Well Name and No. 5-13E
3. Address and Telephone No. CNG Tower - 1450 Poydras Street, New Orleans, LA 70112-6000	9. API Well No. 43-047-31715
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Surface - 2,452' FNL & 803' FWL of Sec. 13-T10S-R19E	10. Field and Pool, or Exploratory Area Island
	11. County or Parish, State Utah, Utah

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

TYPE OF SUBMISSION

TYPE OF ACTION

Notice of Intent

Abandonment

Change of Plans

Subsequent Report

Recompletion

New Construction

Final Abandonment Notice

Plugging Back

Non-Routine Fracturing

Casing Repair

Water Shut-Off

Altering Casing

Conversion to Injection

Other - Weekly Report

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 measure and true vertical depths for all markers and zones pertinent to the work.)\*

September 12 - September 18, 1992

Well had 700 PSI on tubing and 800 PSI on casing. Bled off casing and tubing. Circulate well with 150 bbls. Control well. Pull out of hole. Lay down 2 3/8" tubing. Lay down 2 1/8" drill collars. Pick up packer and 3 1/2" tubing. Well started flowing. Fix gasket on BOP. Bled off casing to pit. Rig up pump to casing. Circulate hole with 150 bbls 2% KCL. Well dead. Tally and pick up 67 jts 3 1/2" tubing with 212 jts 3 1/2" tubing in hole. Well blown in. Rig up pump to tubing. Circulate well with 150 bbls 2% KCL water. Rig down floor. Set packers at 6,423'. Nipple up 3 1/2" tubing to tree. Rig up riser to pit. Rig down pump and lines. Rig down rig. Rig up Western to 3 1/2" tubing to treat Stage #1 6,520-38' & 6,548-62'.

RECEIVED

SEP 18 1992

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

DIVISION OF  
OIL GAS & MINING

Signed Susan M. Hebert Title Regulatory Reports Asst. II Date \_\_\_\_\_

September 18, 1992

Susan M. Hebert

(This space for Federal or State office use)

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

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\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
BUDGET BUREAU NO. 1004-0135  
EXPIRES: MARCH 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.  
U-013765

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE

RECEIVED  
SEP 28 1992

1. Type of Well  
 Oil Well  Gas Well  Other

7. If Unit or CA, Agreement Designation  
River Bend Unit

2. Name of Operator  
CNG PRODUCING COMPANY

8. Well Name and No.  
5-13E

3. Address and Telephone No.  
CNG Tower - 1450 Poydras Street, New Orleans, LA 70112-8000

9. API Well No.  
43-047-31715

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Surface - 2,452' FNL & 803' FWL of Sec. 13-T10S-R19E

10. Field and Pool, or Exploratory Area  
Island

11. County or Parish, State  
Uintah, Utah

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

TYPE OF SUBMISSION

TYPE OF ACTION

Notice of Intent

Abandonment

Change of Plans

Subsequent Report

Recompletion

New Construction

Final Abandonment Notice

Plugging Back

Non-Routine Fracturing

Casing Repair

Water Shut-Off

Altering Casing

Conversion to Injection

Other - Weekly Report

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 measure and true vertical depths for all markers and zones pertinent to the work.)\*

September 19 - September 25, 1992

Rig up Western to 3 1/2" tubing. Establish injection rate with 65 bbls 2% KCL water. Treated zone with 156,600 lbs of 20/40 frac sand, 35 tons of CO2 & 771 bbls of fluid. Average treating pressure - 3000 PSI. Open tubing to pit on 12/64 choke with 1800 PSI. Flowed on 12/64 choke for 1 hr and 15 minutes. Had sand plugging choke. Put tubing on 14/64 choke after 1 hr with 1600 PSI on tubing. Flowing 3 1/2" tubing to pit on 14/64 choke with 1950 PSI on tubing and 1050 PSI on casing returning gas at the rate of 2,308 MCF/D will burn. Rig up rig. Install 18/64 choke opened well to lower pressure. Pump 75 bbls down tubing and 75 bbls down casing, both dead. Trip out of hole with jts. Lay down packer. Rig up Halliburton Logging Service. Trip in hole with bridge plug and set at 6,273'. Rig down Halliburton Logging Service. Pick up rebuilt packer. Trip in hole, set at 5,606'. Remove BOP. Install wellhead. Rig down. Rig up Western Company and Airco. Frac Zone #1 with 216,000 lbs of 20/40 frac sand, 1,166 bbls fluid & 54 tons of CO2.

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

Signed Susan M. Hebert  
Susan M. Hebert

Title Regulatory Reports Asst. II Date

September 25, 1992

(This space for Federal or State office use)

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

Conditions of approval, if any:

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

RECEIVED

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	7. If Unit or CA, Agreement Designation River Bend Unit
2. Name of Operator CNG PRODUCING COMPANY	8. Well Name and No. 5-13E
3. Address and Telephone No. CNG Tower - 1450 Poydras Street, New Orleans, LA 70112-6000	9. API Well No. 43-047-31715
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Surface - 2,452' FNL & 803' FWL of Sec. 13-T10S-R19E	10. Field and Pool, or Exploratory Area Island
	11. County or Parish, State Uintah, Utah

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 type="checkbox"/> Change of Plans
<input checked="" 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 - Weekly Report	<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 measurements and true vertical depths for all markers and zones pertinent to the work.)\*

September 26 - October 2, 1992

Flowing well with 1200 PSI on tubing and 250 PSI on casing on 14/64 choke. Rig up Western and control well with 100 bbls KCL water. Nipple down wellhead. Released packer. Nipple up BOPs. Pull out of hole laying down 185 jts 3 1/2" tubing. Lay down packer. Halliburton Logging Service rigged up and set bridge plug at 5,100'. Picked up and tally 2 3/8" tubing, seating nipple at 4,759', end of tubing at 4,790'. Ran 155 jts. Finish trip in hole with 2 3/8" tubing. Install blast jt with seating nipple set at 4,767'. Nipple down BOPs. Nipple up wellhead. Rig up Western and test lines to 6500 PSI. Established injection rate at 26 BPM. Frac'd well with 951 bbls fluid, 168,000 lbs of 16/30 frac sand, & 42 tons of CO2. Average treating pressure - 3300 PSI. Open well on 14/64 choke. Flowing well with 450 PSI on casing and 150 PSI on tubing returning heavy mist at the rate of 177 MCF/D. Changed choke to 18/64".

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

Signed Susan M. Hebert Title Regulatory Reports Asst. II Date October 2, 1992  
Susan M. Hebert

(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 Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
BUREAU NO. 1004-0135  
EXPIRES: MARCH 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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5. Lease Designation and Serial No.  
U-013765

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE

1. Type of Well  
 Oil Well  Gas Well  Other

RECEIVED

7. If Unit or CA. Agreement Designation  
River Bend Unit

2. Name of Operator  
CNG PRODUCING COMPANY

OCT 13 1992

8. Well Name and No.  
5-13E

3. Address and Telephone No.  
CNG Tower - 1450 Poydras Street, New Orleans, LA 70000

9. API Well No.  
43-047-31715

4. Location of Well (Footage, Sec., T., R., M., or Lease Admin No.)  
Surface - 2,452' FNL & 803' FWL of Sec. 13-T10S-R19E

10. Field and Pool, or Exploratory Area  
Island

11. County or Parish, State  
Uintah, Utah

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

TYPE OF SUBMISSION

TYPE OF ACTION

Notice of Intent

Abandonment

Change of Plans

Subsequent Report

Recompletion

New Construction

Plugging Back

Non-Routine Fracturing

Casing Repair

Water Shut-Off

Final Abandonment Notice

Altering Casing

Conversion to Injection

Other - Weekly Report

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 measure and true vertical depths for all markers and zones pertinent to the work.)\*

October 3 - October 9, 1992

Flowing well on 18/64 choke with 250 PSI on tubing and 325 PSI on casing returning light mist, will not burn. Flow testing Zone #3 tubing open to pit on 18/64 choke with 240 PSI on tubing and 300 PSI on casing, wouldn't burn. Returning gas at the rate of 497 MCF/D. Flow testing Zone #3 on 18/64 choke with 240 PSI on tubing and 300 PSI on casing. Returning gas at the rate of 497 MCF/D, will burn. Rig up rig and equipment. Control well with 110 bbls 2% KCL water. Nipple down tree. Nipple up BOP. Pick up on tubing. Couldn't get tubing hanger out of bowl. Nipple down BOP. Found sand around hanger, clean out sand, work hanger free. Nipple up BOP. Pull out of hole with 155 jts 2 3/8" tubing. Run in hole with retrieving head and 155 jts, retrieving head at 4,800'.

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

Signed Susan M. Hebert Title Regulatory Reports Asst. II Date October 9, 1992  
Susan M. Hebert

(This space for Federal or State office use)

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

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
BUDGET BUREAU NO. 1004-0135  
EXPIRES: MARCH 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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SUBMIT IN TRIPLICATE

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	7. If Unit or CA, Agreement Designation River Bend Unit
2. Name of Operator CNG PRODUCING COMPANY	8. Well Name and No. 5-13E
3. Address and Telephone No. CNG Tower - 1450 Poydras Street, New Orleans, LA 70112-6900	9. API Well No. 43-047-31715
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Surface - 2,452' FNL & 803' FWL of Sec. 13-T10S-R19E	10. Field and Pool, or Exploratory Area Island
	11. County or Parish, State Utah, Utah

RECEIVED

OCT 19 1992

DIVISION OF  
OIL GAS & MINING

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 type="checkbox"/> Change of Plans
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		(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 measurements and true vertical depths for all markers and zones pertinent to the work.)\*

**October 10 - October 16, 1992**

Well had 0 PSI. Rig up drilling head. Run in hole with 5 jts. Tag sand at 4,925'. Broke circulation. Took 75 bbls, circulate and clean out sand from 4,925' to 5,100'. Circulate hole clean. Release bridge plug. Pull out of hole with 166 jts of 2 3/8" tubing. Lay down bridge plug. Run in hole with retrieving head, 6' pup jt. Rig up drilling head. Pick up and run in hole with 31 jts, tag sand at 6,097'. Circulate clean. Release bridge plug. Pull out of hole to 4,919'. Well was flowing. Casing flowing to pit on 18/64 choke with 1500 PSI on tubing and 1100 PSI on casing. Returning gas at the rate of 3,106 MCF/D. Control well with 140 bbls. Pull out of hole with 203 jts 2 3/8" tubing. Lay down bridge plug. Run in hole with mule shoe collar, 1 jt, seating nipple and 201 jts. Pick up 8 jts. Run in hole, tag sand at 6,521'. Rig up drilling head. Clean out sand from 6,521-6,620'. Circulate hole clean. Pull out of hole. Lay down 4 jts. Land tubing with 201 jts in well. Nipple down BOP. Nipple up tree. End of tubing at 6,505', seating nipple at 6,473'. Swab well. Made 14 pulls. Swabbed fluid from 300' to 6,000'. Recovered 81 bbls. Well bringing gas cut fluid and sand on last 5 pulls. Open tubing to pit on 30/64 choke. Pressure bled off to 0 PSI. Tubing started flowing water. Let tubing flow for 1 hr with 650 PSI on tubing and 200 PSI on casing. Rig down rig. Left tubing flowing on 30/64 choke for 3 1/2 hrs, then put tubing on 18/64 choke. Flowing tubing to pit on 18/64 choke with 1400 PSI on tubing and 1600 PSI on casing returning gas at the rate of 2,899 MCF/D, will burn.

14. I hereby certify that the forgoing is true and correct:

Signed Susan M. Hebert Title Regulatory Reports Asst. II Date October 16, 1992  
Susan M. Hebert

(This space for Federal or State office use)

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

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
BUREAU NO. 1004-0135  
EXPIRES: MARCH 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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SUBMIT IN TRIPLICATE

RECEIVED  
OCT 26 1992

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	7. If Unit or CA, Agreement Designation River Bend Unit
2. Name of Operator CNG PRODUCING COMPANY	8. Well Name and No. 5-13E
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	11. County or Parish, State Uintah, Utah

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<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input checked="" type="checkbox"/> Subsequent Report	<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"/> Final Abandonment Notice	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other - Weekly Report	<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 measurements and true vertical depths for all markers and zones pertinent to the work.)\*

**October 17 - October 23, 1992**

Rig up wireline truck to tubing. Run in hole making stops at 0', 1000', 2,000', 3,000', 4,000', 5,000' & 5,691' for 5 minutes then to a TD at 6,546'. Pull out of hole with wireline. Rig down. Put well on production.

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

Signed Susan M. Hebert Title Regulatory Reports Asst. II Date October 23, 1992  
Susan M. Hebert

(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 Instructions on Reverse Side

**CNG Producing  
Company**

A **CNG** COMPANY

CNG Tower  
1450 Poydras Street  
New Orleans, LA 70112-6000  
(504) 593-7000

**RECEIVED**

NOV 02 1992

DIVISION OF  
OIL GAS & MINING

October 29, 1992

Mr. Ed Forsman  
U.S. Dept. of the Interior  
Bureau of Land Management  
Vernal District Office  
170 South 500 East  
Vernal, UT 84078

RE: River Bend Unit  
Well Completion Report  
River Bend Unit 5-13E

Dear Ed:

Enclosed please find the original and two copies of the above referenced report.

CNG Producing Company is requesting all information be held confidential.

Should you have any question please feel free to contact either myself at (504) 593-7260 or the project engineer, Scot Childress at (504) 593-7574.

Sincerely,

*Susan M. Hebert*

Susan M. Hebert  
Regulatory Reports Asst. II

Enclosure

cc: Ms. Tammy Searing - Utah Department of Oil, Gas & Mining  
Y. Abadie  
S. Childress  
B. Coffin  
V. Corpening  
G. Donaldson  
D. Kulland  
D. Montelaro  
R. Mueller  
J. Nicas  
PG&E Resource Company

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

**SUBMIT IN DUPLICATE**

(See other in-  
structions on  
reverse side)

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

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG\***

5. LEASE DESIGNATION AND  
SERIAL NO.

U-013765

6. IF INDIAN, ALLOTTEE OR  
TRIBE NAME

7. UNIT AGREEMENT NAME

River Bend Unit

8. FARM OR LEASE NAME

RBU

1a. TYPE OF WELL:

OIL WELL  GAS WELL  DRY

1b. TYPE OF COMPLETION:

NEW WORK DEEP-EN  PLUG BACK  DIFF. RESVR.  Other

**RECEIVED**

NOV 02 1992

2. NAME OF OPERATOR

CNG Producing Company

DIVISION OF

3. ADDRESS OF OPERATOR

CNG Tower - 1450 Poydras St., New Orleans, LA 70112-6000

OIL GAS & MINING

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

At surface 2,452' FNL & 803' FWL - SW NW Sec. 13-T10S-R19E

At top prod. interval reported below

At total depth

9. WELL NO.

5-13E

10. FIELD AND POOL, OR WILDCAT  
Island

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

SW NW of Sec 13-10S-19E

14. PERMIT NO.

43-047-31715

DATE ISSUED

04/23/86

12. COUNTY OR PARISH

Utah

Utah

15. DATE SPUDDED

09/25/86

16. DATE T.D. REACHED

10/13/86

17. DATE COMPL. (Ready to prod.)

10/16/92

18. ELEVATION (OF RKB, RT, GR, ETC.)\*

5,104 GR

19. ELEV. CASING HEAD

20. TOTAL DEPTH MD & TVD

6,964'

21. PLUG, BACK T.D. MD & TVD

6,696'

22. IF MULTIPLE COMPL., HOW MANY\*

4 Zones

23. INTERVALS DRILLED BY

----->

ROTARY TOOLS

ROTARY

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)\*

Wasatch  
6,548-62', 6,520-38', 6,298-328', 6,232-44', 6,082-90', 5,730-40', 4,900-32'

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

DLL/MSFL - Den/Neu. - Sonic - Dipmeter - Rotary SW Cores - DSTs

27. WAS WELL CORED

Rotary Sidewalls

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#	400'	12 1/4"	190 sxs CI G	None
5 1/2"	17#	6,650'	7 5/8"	235 sxs Hi Lift & 765 sxs 50/50	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8"	6,505'	None

31. PERFORATION RECORD (Interval, size and number)

Zone #2 - 6,298' - 6,328'  
Stage #1 - 6,520-38' & 6,548-62'  
Stage #2 - 6,082-90' & 6,232-44'  
Stage #3 - 4,900-32'

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
Zone #2	140,000 lbs of 20/40 Frac Sand
Stage #1	156,600 lbs of 20/40 Frac Sand
Stage #2	216,000 lbs of 20/40 Frac Sand
Stage #3	168,000 lbs of 16/30 Frac Sand

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION MET (Flowing, gas lift, pumping - size and type of pump)	WELL STATUS (Producing or shut-in)					
10/16/92	Flowing	Producing					
DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N FOR TEST PERIOD	OIL-BBL.	GAS-MCF.	WATER-BBL.	GAS-OIL RATIO
10/27/92	24	18/64	----->	-	888	-	-
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24 HR RATE	OIL-BBL.	GAS-MCF.	WATER-BBL.	OIL GRAVITY-API (CORR.)	
1725	1750	----->	-	888	-	-	

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

Vented

TEST WITNESSED BY  
Mitch Hall - CNGP

35. LIST OF ATTACHMENTS

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

SIGNED

*W. Scot Childress*

TITLE Supervisor, Prod. Eng.

DATE 10/29/92

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

drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recovery.

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP
						TRUE VERT. DEPTH
Wasatch	4,896'	4,932'	Sandstone	Green River	1,246'	1,246' TVD +3,870' SS
Wasatch	5,730'	5,742'	Sandstone	Wasatch Tongue	4,210'	4,210' TVD +906' SS
Wasatch	6,228'	6,242'	Sandstone	Green River Tongue	4,564'	4,564' TVD +552' SS
Wasatch	6,294'	6,328'	Sandstone	Wasatch	4,730'	4,730' TVD +386' SS
Wasatch	6,520'	6,562' OA	Sandstone			

**CNG Producing  
Company**

A **CNG** COMPANY

CNG Tower  
1450 Poydras Street  
New Orleans, LA 70112-6000  
(504) 593-7000

February 24, 1995

Mr. Don Staley  
Administrative Supervisor, Oil & Gas  
Utah Board of Oil Gas & Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, UT 84180-1203

RE: Annual Status Report of Shut-in, Temporarily-abandoned,  
and Suspended Drilling Wells

Dear Mr. Staley:

Enclosed please find Sundry Notices for all of CNG Producing  
Company wells that are required to be reported annually. These  
wells are either shut-in or temporarily abandoned.

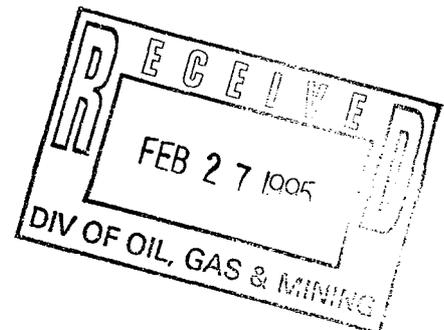
If you have any questions please feel free to contact me at  
(504) 593-7260 or our project engineer, Scot Childress, at (504)  
593-7574.

Sincerely,

*Susan H. Sachitana*  
Susan H. Sachitana  
Regulatory Specialist

Enclosures

cc: Ed Forsman - Bureau of Land Management



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

6. Log Designation and Serial Number

-013765

7. Indian Allottee or Tribe Name

8. Unit or Communization Agreement

River Bend Unit

9. Well Name and Number

RBU 5-13E

10. API Well Number

43-047-31715

11. Field and Pool, or Wildcat

Natural Buttes

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new well, deepen existing wells, or to reenter plugged and abandoned wells.

Use APPLICATION FOR PERMIT - for such proposals.

1. Type of Well

Oil Well  Gas Well  Other (specify)

2. Name of Operator

CNG Producing Company

3. Address of Operator

1450 Poydras St., New Orleans, LA 70112-6000

4. Telephone Number

(504) 593-7260

5. Location of Well

Footage : 2,452' FNL & 803' FWL  
QQ, SEC., T., R., M.: SW NW of Sec. 13-T10S-R19E

County : Uintah

State : UTAH

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

NOTICE OF INTENT  
(Submit in Duplicate)

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

Approximate Date Work Will Start

SUBSEQUENT REPORT  
(Submit Original Form Only)

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

Date of Work Completion

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

\* Must be accompanied by a cement verification report.

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

STATUS OF WELL

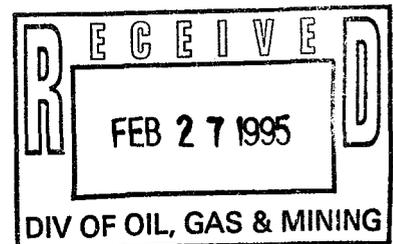
Behind Pipe

EXPLANATION FOR STATUS OF WELL

Under evaluation

FUTURE PLANS

Possible workover or recompletion



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

Name & Signature

*Scott Childress*  
W. Scott Childress

Title

Supervisor, Prod. Engineering

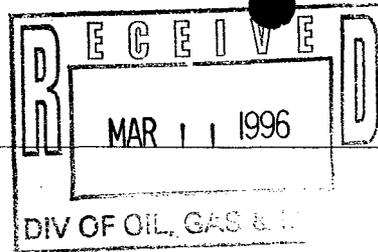
Date

Februray 15, 1995

(State Use Only)

**CNG Producing  
Company**

CNG Tower  
1450 Poydras Street  
New Orleans, LA 70112-6000  
(504) 593-7000



A **CNG COMPANY**

**March 8, 1996**

**Mr. Wayne Bankert  
U.S. Dept. of the Interior  
Bureau of Land Management  
Vernal District Office  
170 South 500 East  
Vernal, UT 84078**

**RE: Subsequent Report for  
Plunger Lift Installations**

**Dear Wayne:**

Enclosed please find sundry notices for various RBU wells that have just completed plunger lift operations. These sundries are being filed in triplicate.

Should you have any questions, please feel free to contact either myself, at (504) 593-7260, or the our project engineer, Scot Childress at (504) 593-7574.

Sincerely,

*Susan H. Sachitana*  
Susan H. Sachitana  
Coordinator, Regulatory Reports

Enclosure

cc: **Frank Matthews - Utah Department of Oil, Gas & Mining**  
**N. Decker**  
**M. Hall**  
**S. Childress**  
**RBU Well Files**

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	7. If Unit or CA, Agreement Disgnation River Bend Unit
2. Name of Operator CNG PRODUCING COMPANY	8. Well Name and No. RBU
3. Address and Telephone No. (504) 593-7260 CNG Tower - 1450 Poydras Street, New Orleans, LA 70112-6000	9. API Well No. 5-13E 43-047-31715
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 2,452' FNL & 803' FWL - SW NW Sec. 13-10S-19E	10. Field and Pool, or Exploratory Are
	11. County or Parish, State Uintah, Utah

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 type="checkbox"/> Change of Plans
<input checked="" 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 - Plunger Lift	<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 the work.)\*

Installed plunger lift equipment on above well. Well on pluger.

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

Signed W. Scot Childress Title Supervisor, Production Engineering Dat 03/08/96

W. Scot Childress

(This space for Federal or State office use)

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

Conditions of approval, if any:

Title 18 U.S.C. Sesction 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 Instructions on Reverse Side



# 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:  
3100  
U-01470-A et al  
(UT-932)

JUN 2 2000

### NOTICE

Dominion Exploration & Production, Inc. : Oil and Gas Leases  
1450 Poydras Street :  
New Orleans, LA 70112-6000 :

#### Name Change Recognized

Acceptable evidence has been received in this office concerning the change of name of CNG Producing Company to Dominion Exploration & Production, Inc. on Federal oil and gas leases.

The oil and gas lease files identified on the enclosed exhibit have been noted as to the name change. The exhibit was compiled from your list of leases and a list of leases obtained from our automated records system. We have not abstracted the lease files to determine if the entity affected by the name change holds an interest in the leases identified nor have we attempted to identify leases where the entity is the operator on the ground maintaining no vested record title or operating rights interests. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the name 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.

The following lease on your list is closed on the records of this office: U-029277.

Due to the name change, the name of the principal on the bond is required to be changed from CNG Producing Company to Dominion Exploration & Production, Inc. on Bond No. 524 7050 (BLM Bond No. WY1898). You may accomplish this name change either by consent of the surety on the original bond or by a rider to the original bond. Otherwise, a replacement bond with the new name should be furnished to the Wyoming State Office.

**/s/ Robert Lopez**

Robert Lopez  
Chief, Branch of  
Minerals Adjudication

Enclosure  
Exhibit of Leases

**RECEIVED**

JUN 05 2000

DIVISION OF  
OIL, GAS AND MINING

cc: Wyoming State Office  
New Mexico State Office  
Moab Field Office  
Vernal Field Office  
MMS-Reference Data Branch, MS 3130, Box 5860, Denver, CO 80217  
State of Utah, DOGM, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC, UT 84114-5801  
Irene Anderson (UT-932)  
Teresa Thompson (UT-931)  
LaVerne Steah (UT-942)

STATE OF UTAH  
DIVISION OF OIL, GAS & MINING

SUNDRY NOTICES AND REPORTS ON WELLS

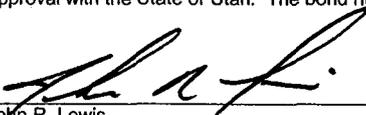
Do not use this form for proposals to drill new wells, deepen existing wells or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well : OIL <input type="checkbox"/> GAS <input type="checkbox"/> OTHER:	5. Lease Designation and Serial Number: VARIOUS
2. Name of Operator: DOMINION EXPLORATION & PRODUCTION, INC.	6. If Indian, Allottee or Tribe Name:
3. Address and Telephone Number: 1460 Poydras Street, New Orleans, LA 70112-6000 (504) 593-7260	7. Unit Agreement Name:
4. Location of Well Footages: QQ, Sec, T., R., M.:	8. Well Name and Number: VARIOUS
	9. API Well Number
	10. Field and Pool, or Wildcat: Natural Buttes 630
	County: UINTAH State: UTAH

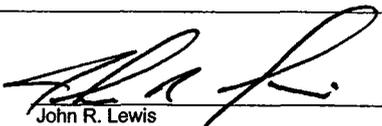
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA	
NOTICE OF INTENT (SUBMIT IN DUPLICATE)	SUBSEQUENT REPORT (Submit Original Form Only)
<input type="checkbox"/> Abandon <input type="checkbox"/> Repair Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Fracture Treat or Acidize <input type="checkbox"/> Multiple Completion <input type="checkbox"/> Other	<input type="checkbox"/> Abandon* <input type="checkbox"/> Repair Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Fracture Treat or Acidize <input checked="" type="checkbox"/> Other
<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Recomplete <input type="checkbox"/> Reperforate <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Reperforate <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off <b>OPERATOR NAME CHANGE FOR WELLS</b>
Approximate date work will start _____	Date of work completion _____
	Report results of Multiple Completion and Recompletion to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.
	*Must be accompanied by a cement verification report.

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

Please be advised that effective April 12, 2000, CNG Producing Company has changed its name to Dominion Exploration & Production, Inc. and would like to transfer the well permits into the name of Dominion Exploration & Production, Inc. Our new bond has been filed and is pending approval with the State of Utah. The bond number is 76S 63050 361.

  
John R. Lewis  
Sr. Vice-President - CNG Producing Company

**RECEIVED**  
JUN 29 2000  
DIVISION OF  
OIL, GAS AND MINING

13. Name & Signature:  Title: Sr. Vice-President - Dominion Expl. & Prod., Inc. Date: June 26, 2000

(This space for State use only)

**Dominion Exploration & Production, Inc.**  
1450 Poydras Street, New Orleans, LA 70112-6000  
Phone: 504-593-7000



June 27, 2000

Mr. Jimmy Thompson  
Utah Board of Oil Gas & Mining  
1594 West North Temple  
Suite 1210  
Salt Lake City, UT 84114-5801

RE: Name Change Documentation for CNG Producing Company

Dear Mr. Thompson:

CNG Producing Company has become Dominion Exploration & Production, Inc. effective April 12, 2000. Enclosed please find a sundry regarding the name change with an attached listing of all the permits in the name of CNG Producing Company to be changed to Dominion Exploration & Production, Inc. Also enclosed please find a Form UIC 5 for the Transfer of Authority to Inject for the Federal #1-26B well.

If you have any questions or require any additional information, please contact me at (504) 593-7260.

Sincerely,

DOMINION EXPLORATION & PRODUCTION, INC.

Susan H. Sachitana  
Regulatory Reports Administrator

Enclosure

cc: Nelda Decker

**RECEIVED**

JUN 29 2000

**DIVISION OF  
OIL, GAS AND MINING**



State of Utah
DEPARTMENT OF COMMERCE
Division of Corporations & Commercial Code

552894
CO 106990
File Number

Table with 2 columns: Check Appropriate Box, Fee Amount. Rows include Foreign Profit Corporation (\$35.00), Foreign Non-Profit Corporation (\$35.00), Foreign Limited Partnership (\$25.00), Foreign Limited Liability Company (\$35.00).

Application To Amend The
CERTIFICATE OF AUTHORITY OR
REGISTRATION of

CNG Producing Company
Business Entity Name

Delaware
Name of Home State

I. AMENDING THE BUSINESS NAME

The business name is changed to: Dominion Exploration & Production, Inc.

The corporation shall use as its name in Utah: Dominion Exploration & Production, Inc.

(The corporation shall use its name as set forth on #1, unless this name is not available)

NOTE: If the business name has changed its name in the home state, a copy of the Certificate of Amendment or a certified copy of the amendment must accompany this application.

Check the following:

- [X] The name of the corporation is changing its name in Utah to the new name of the corporation in the home state.
[] The name of the corporation is being changed in Utah to comply with Utah State Insurance Regulations.

II. AMENDING THE DURATION OF THE BUSINESS EXISTENCE

The businesses period of duration is changed to:

III. AMENDING THE STATE OR COUNTRY OF INCORPORATION/REGISTRATION

The corporation's state or country of incorporation/registration is changed to:

IV. Other:

(Limited Partnership changing General Partners, Limited Companies changing Members or Managers, Change of statement who is managing, etc.)
Use an attached sheet if needed.

Under penalties of perjury, I declare this Application to Amend the Certificate of Authority or Registration to be, to the best of my knowledge and belief, true and correct.

Signature

Vice President & Corporate Secretary
Title

April 20 2000
Date

State of Utah
Department of Commerce
Division of Corporations and Commercial Code

I hereby certify that the foregoing has been filed and approved on this 25 day of April 2000 in the office of this Division and hereby issue this Certificate thereof.

Examiner

Date 2/16/00



PROJENSON
Director

Date: 04/25/2000

Receipt Number: 22156

Amount Paid: \$60.00

STATE OF UTAH
DIVISION OF CORPORATIONS
AND COMMERCIAL CODE
160 East 300 South / Box 146705
Salt Lake City, UT 84114-6705
Service Center: (801) 530-4849
Web Site: http://www.commerce.state.ut.us

FILED

APR 25 2000

Well Name	Api Well Code	Operator Name	Production Status	Lease Type
RBU #16-16F	430473111500S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #11-34B	430473113800S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #12-18F	430473114000S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #3-24E	430473114100S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #3-23E	430473114300S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #9-23E	430473114400S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #9-14E	430473114500S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #3-15E	430473116000S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #10-15E	430473116100S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #9-10E	430473117600S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #14-2D	430473119100S1	DOMINION EXPLORATION & PR	SIEC	STATE
RBU #6-11D	430473119200S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #3-14E	430473119600S1	DOMINION EXPLORATION & PR	PR	BLM
FEDERAL 33-18J	430473120000S01	DOMINION EXPLORATION & PR	PR	BLM
RBU #8-4E	430473125200S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #13-2D	430473128000S1	DOMINION EXPLORATION & PR	PR	STATE
RBU #1-19F	430473132200S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #5-10E	430473132300S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #1-20F	430473132400S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #16-3D	430473135200S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #10-11D	430473135700S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #8-11D	430473135800S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #8-10D	430473136400S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #3-13E	430473136900S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #12-2D	4304731452S02	DOMINION EXPLORATION & PR	PR	STATE
RBU #16-3E	430473151800S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #11-11F	430473151900S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #1-17F	430473152000S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #15-3D	430473153900S1	DOMINION EXPLORATION & PR	PR	BLM
* HILL CREEK FEDERAL #1-30	430473160100S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #9-13E	430473160500S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #3-22E	430473160600S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #8-24E	430473160700S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #15-18F	430473160800S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #5-11F	430473161300S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #8-16F	430473161400S2	DOMINION EXPLORATION & PR	PR	BLM
RBU #4-22F	430473161500S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #12-12D	430473165100S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #6-17E	430473165200S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #5-13E	430473171500S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #13-13E	430473171700S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #11-35B	430473172400S1	DOMINION EXPLORATION & PR	TA	BLM
RBU #9-9E	430473173900S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #1-16E	430473174000S1	DOMINION EXPLORATION & PR	PR	STATE
RBU #2-10D	430473180100S1	DOMINION EXPLORATION & PR	PR	BLM
YAPACHE FEDERAL #12-25	430473188100S1	DOMINION EXPLORATION & PR	PR	BLM BIA
YAPACHE FEDERAL #44-25	430473192200S2	DOMINION EXPLORATION & PR	PR	BLM
RBU #16-2F	430473202600S1	DOMINION EXPLORATION & PR	PR	STATE
RBU #13-14E	430473203300S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #11-3E	430473203700S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #6-18F	430473203800S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #15-24E	430473204000S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #5-14E	430473204100S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #9-16E	430473204200S1	DOMINION EXPLORATION & PR	PR	STATE
RBU #12-20F	430473205000S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #7-13E	430473205100S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #16-19F	430473207000S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #9-22E	430473207100S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #15-34B	430473207200S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #11-15E	430473207300S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #13-21F	430473207400S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #10-22F	430473207500S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #9-20F	430473208100S1	DOMINION EXPLORATION & PR	PR	BLM
RBU #15-23E	430473208200S1	DOMINION EXPLORATION & PR	PR	BLM

**OPERATOR CHANGE WORKSHEET**

<del>          </del>	4-KAS
2-CDW ✓	5-SJ ✓
3-JLT	6-FILE

Check each listed item when completed. Write N/A if item is not applicable.

Change of Operator (Well Sold)                      Designation of Agent  
**X Operator Name Change Only**                      Merger

The operator of the well(s) listed below has changed, **effective:** 4-12-00

**TO:**(New Operator) DOMINION EXPL & PROD INC.  
 Address: 1450 POYDRAS STREET  
NEW ORLEANS, LA 70112-6000  
 Phone: 1-(504)-593-7000  
 Account No. N1095

**FROM:**(Old Operator) CNG PRODUCING COMPANY  
 Address: 1450 POYDRAS STREET  
NEW ORLEANS, LA 70112-6000  
 Phone: 1-(504)-593-7000  
 Account No. N0605

WELL(S):	CA Nos.	or	RIVER BEND	Unit
Name: <u>RBU 5-13E</u>	API: <u>43-047-31715</u>	Entity: <u>7050</u>	S 13 T <u>10S</u> R <u>19E</u>	Lease: <u>U-013765</u>
Name: <u>RBU 13-13E</u>	API: <u>43-047-31717</u>	Entity: <u>7050</u>	S 13 T <u>10S</u> R <u>19E</u>	Lease: <u>U-013765</u>
Name: <u>RBU 9-9E</u>	API: <u>43-047-31739</u>	Entity: <u>7050</u>	S 09 T <u>10S</u> R <u>19E</u>	Lease: <u>U-03505</u>
Name: <u>RBU 13-14E</u>	API: <u>43-047-32033</u>	Entity: <u>7050</u>	S 14 T <u>10S</u> R <u>19E</u>	Lease: <u>U-013792</u>
Name: <u>RBU 11-3E</u>	API: <u>43-047-32037</u>	Entity: <u>7050</u>	S 03 T <u>10S</u> R <u>19E</u>	Lease: <u>U-013765</u>
Name: <u>RBU 6-18F</u>	API: <u>43-047-32038</u>	Entity: <u>7050</u>	S 18 T <u>10S</u> R <u>20E</u>	Lease: <u>U-013769</u>
Name: <u>RBU 15-24E</u>	API: <u>43-047-32040</u>	Entity: <u>7050</u>	S 24 T <u>10S</u> R <u>19E</u>	Lease: <u>U-013794</u>
Name: <u>RBU 5-14E</u>	API: <u>43-047-32041</u>	Entity: <u>7050</u>	S 14 T <u>10S</u> R <u>19E</u>	Lease: <u>U-013792</u>
Name: <u>RBU 12-20F</u>	API: <u>43-047-32050</u>	Entity: <u>7050</u>	S 20 T <u>10S</u> R <u>20E</u>	Lease: <u>U-0143520A</u>
Name: <u>RBU 7-13E</u>	API: <u>43-047-32051</u>	Entity: <u>7050</u>	S 13 T <u>10S</u> R <u>19E</u>	Lease: <u>U-013765</u>
Name: <u>RBU 16-19F</u>	API: <u>43-047-32070</u>	Entity: <u>7050</u>	S 19 T <u>10S</u> R <u>20E</u>	Lease: <u>U-013769-A</u>
Name: <u>RBU 9-22E</u>	API: <u>43-047-32071</u>	Entity: <u>7050</u>	S 22 T <u>10S</u> R <u>19E</u>	Lease: <u>U-013792</u>
Name: <u>RBU 15-34B</u>	API: <u>43-047-32072</u>	Entity: <u>7050</u>	S 34 T <u>09S</u> R <u>19E</u>	Lease: <u>U-017713</u>
Name: <u>RBU 11-15E</u>	API: <u>43-047-32073</u>	Entity: <u>7050</u>	S 15 T <u>10S</u> R <u>19E</u>	Lease: <u>U-013766</u>
Name: <u>RBU 13-21F</u>	API: <u>43-047-32074</u>	Entity: <u>7050</u>	S 21 T <u>10S</u> R <u>20E</u>	Lease: <u>U-0143520A</u>
Name: <u>RBU 10-22F</u>	API: <u>43-047-32075</u>	Entity: <u>7050</u>	S 22 T <u>10S</u> R <u>20E</u>	Lease: <u>U-01470-A</u>
Name: <u>RBU 9-20F</u>	API: <u>43-047-32081</u>	Entity: <u>7050</u>	S 20 T <u>10S</u> R <u>20E</u>	Lease: <u>U-0143520A</u>

**OPERATOR CHANGE DOCUMENTATION**

- YES 1. A pending operator change file has been set up.
- YES 2. (R649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator on 6-29-00.
- YES 3. (R649-8-10) Sundry or other legal documentation has been received from the **NEW** operator on 6-29-00.
- YES 4. The new company has been looked up in the **Department of Commerce, Division of Corporations Database** if the new operator above is not currently operating any wells in Utah. Is the operator registered with the State? **Yes/No** If yes, the company file number is SEE ATTACHED. If no, Division letter was mailed to the new operator on \_\_\_\_\_.

- YES 5. **Federal and Indian Lease Wells.** The BLM or the BIA has approved the merger, **name change** or operator change for all wells listed above involving Federal or Indian leases on 6-2-00.
- N/A 6. **Federal and Indian Units.** The BLM or the BIA has approved the successor of unit operator for all wells listed above involving unit operations on \_\_\_\_\_.
- N/A 7. **Federal and Indian Communitization Agreements ("CA").** The BLM or the BIA has approved the operator change for all wells listed above involved in the CA on \_\_\_\_\_.
- N/A 8. **Underground Injection Control ("UIC") Program.** The Division has approved UIC Form 5, Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project and/or for the water disposal well(s) listed above.
- YES 9. Changes have been entered in the **Oil and Gas Information System** for each well listed on 7-27-00.
- YES 10. Changes have been included on the **Monthly Operator Change letter** on 7-27-00.

**STATE BOND VERIFICATION**

- N/A 1. State Well(s) covered by Bond No. \_\_\_\_\_.

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

- N/A 1. (R649-3-1) The **NEW** operator of any fee lease well(s) listed above has furnished a proper bond.
- N/A 2. A **copy of this form** has been placed in the **new and former operator's bond files** on \_\_\_\_\_.
- N/A 3. The **FORMER** operator has requested a release of liability from their bond as of todays date \_\_\_\_\_? If yes, Division response was made to this request by letter dated \_\_\_\_\_. (see bond file).
- N/A 4. (R649-2-10) The **Former** operator of any Fee lease wells listed above has been contacted and informed by letter dated \_\_\_\_\_, of their responsibility to notify all interest owners of this change.
- N/A 5. Bond information added to **RBDMS** on \_\_\_\_\_.
- N/A 6. Fee wells attached to bond in **RBDMS** on \_\_\_\_\_.

**FILMING**

- \_\_\_\_ 1. All attachments to this form have been **microfilmed** on 2, 22, 01.

**FILING**

- \_\_\_\_ 1. **Originals/Copies** of all attachments pertaining to each individual well have been filed in each **well file**.
- \_\_\_\_ 2. The **original of this form** has been filed in the operator file and a copy in the old operator file.

**COMMENTS**

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:

7/1/2007

<b>FROM: (Old Operator):</b> N1095-Dominion Exploration & Production, Inc 14000 Quail Springs Parkway, Suite 600 Oklahoma City, OK 73134  Phone: 1 (405) 749-1300	<b>TO: ( New Operator):</b> N2615-XTO Energy Inc 810 Houston St Fort Worth, TX 76102  Phone: 1 (817) 870-2800
--	--

CA No.		Unit:		RIVER BEND				
WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED LIST								

**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: 8/6/2007
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 8/6/2007
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 8/6/2007
- a. Is the new operator registered in the State of Utah: Business Number: 5655506-0143
- b. If **NO**, the operator was contacted on: \_\_\_\_\_
- a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
- b. Inspections of LA PA state/fee well sites complete on: n/a
- c. 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 BIA
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: \_\_\_\_\_
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: \_\_\_\_\_
- 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: 9/27/2007
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 9/27/2007
- Bond information entered in RBDMS on: 9/27/2007
- Fee/State wells attached to bond in RBDMS on: 9/27/2007
- Injection Projects to new operator in RBDMS on: 9/27/2007
- Receipt of Acceptance of Drilling Procedures for APD/New on: 9/27/2007

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: UTB000138
- Indian well(s) covered by Bond Number: n/a
- a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 104312762
- b. The **FORMER** operator has requested a release of liability from their bond on: 1/23/2008  
The Division sent response by letter on: \_\_\_\_\_

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **NEW** 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: \_\_\_\_\_

**COMMENTS:**

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

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: XTO Energy Inc. <i>N2615</i>		8. WELL NAME and NUMBER: SEE ATTACHED
3. ADDRESS OF OPERATOR: 810 Houston Street CITY Fort Worth STATE TX ZIP 76102		9. API NUMBER: SEE ATTACHED
PHONE NUMBER: (817) 870-2800		10. FIELD AND POOL, OR WILDCAT: Natural Buttes
4. LOCATION OF WELL FOOTAGES AT SURFACE: SEE ATTACHED		COUNTY: Uintah
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 checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> 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.  
Effective July 1, 2007, XTO Energy Inc. has purchased the wells listed on the attachment from:

Dominion Exploration & Production, Inc. *N1095*  
14000 Quail Springs Parkway, Suite 600  
Oklahoma City, OK 73134

*James D. Abercrombie* (405) 749-1300  
James D. Abercrombie  
Sr. Vice President, General Manager - Western Business Unit

Please be advised that XTO Energy Inc. is considered to be the operator on the attached list and is responsible under the terms and conditions of the lease for the operations conducted upon the lease lands. Bond coverage is provided by Nationwide BLM Bond #104312750 and Department of Natural Resources Bond #104312762.

NAME (PLEASE PRINT) <u>Edwin S. Ryan, Jr.</u>	TITLE <u>Sr. Vice President - Land Administration</u>
SIGNATURE <i>Edwin S. Ryan, Jr.</i>	DATE <u>7/31/2007</u>

(This space for State use only)

APPROVED 9127107

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

(See Instructions on Reverse Side)

**RECEIVED**

**AUG 06 2007**

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

## N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

## RIVER BEND UNIT

api	well_name	qtr	qtr	sec	twp	rng	lease_num	entity	Lease	well	stat
4304730087	OSCU 2	NWSE	03	100S	200E	U-037164	7050	Federal	GW	P	
4304730266	RBU 11-18F	NESW	18	100S	200E	U-013793	7050	Federal	GW	P	
4304730374	RBU 11-13E	NESW	13	100S	190E	U-013765	7050	Federal	GW	P	
4304730375	RBU 11-15F	NESW	15	100S	200E	U-7206	7050	Federal	GW	P	
4304730376	RBU 7-21F	SWNE	21	100S	200E	U-013793-A	7050	Federal	GW	P	
4304730405	RBU 11-19F	NESW	19	100S	200E	U-013769-A	7050	Federal	GW	P	
4304730408	RBU 11-10E	NESW	10	100S	190E	U-013792	7050	Federal	GW	P	
4304730410	RBU 11-14E	NESW	14	100S	190E	U-013792	7050	Federal	GW	P	
4304730411	RBU 11-23E	NESW	23	100S	190E	U-013766	7050	Federal	GW	P	
4304730412	RBU 11-16F	NESW	16	100S	200E	U-7206	7050	Federal	GW	P	
4304730585	RBU 7-11F	SWNE	11	100S	200E	U-01790	7050	Federal	GW	P	
4304730689	RBU 11-3F	NESW	03	100S	200E	U-013767	7050	Federal	GW	P	
4304730720	RBU 7-3E	SWNE	03	100S	190E	U-013765	7050	Federal	GW	P	
4304730759	RBU 11-24E	NESW	24	100S	190E	U-013794	7050	Federal	GW	P	
4304730761	RBU 7-10F	SWNE	10	100S	200E	U-7206	7050	Federal	GW	P	
4304730762	RBU 6-20F	SENE	20	100S	200E	U-013793-A	7050	Federal	GW	P	
4304730768	RBU 7-22F	SWNE	22	100S	200E	14-20-H62-2646	7050	Indian	GW	P	
4304730887	RBU 16-3F	SESE	03	100S	200E	U-037164	7050	Federal	GW	P	
4304730915	RBU 1-15E	NENE	15	100S	190E	U-013766	7050	Federal	GW	P	
4304730926	RBU 1-14E	NENE	14	100S	190E	U-013792	7050	Federal	GW	P	
4304730927	RBU 1-22E	NENE	22	100S	190E	U-013792	7050	Federal	GW	P	
4304730970	RBU 1-23E	NENE	23	100S	190E	U-013766	7050	Federal	GW	P	
4304730971	RBU 4-19F	NWNW	19	100S	200E	U-013769-A	7050	Federal	GW	P	
4304730973	RBU 13-11F	SWSW	11	100S	200E	U-7206	7050	Federal	WD	A	
4304731046	RBU 1-10E	NWNE	10	100S	190E	U-013792	7050	Federal	GW	S	
4304731115	RBU 16-16F	SESE	16	100S	200E	U-7206	7050	Federal	GW	P	
4304731140	RBU 12-18F	NWSW	18	100S	200E	U-013793	7050	Federal	GW	P	
4304731141	RBU 3-24E	NENW	24	100S	190E	U-013794	7050	Federal	GW	P	
4304731143	RBU 3-23E	NENW	23	100S	190E	U-013766	7050	Federal	GW	P	
4304731144	RBU 9-23E	NESE	23	100S	190E	U-013766	7050	Federal	GW	P	
4304731145	RBU 9-14E	NESE	14	100S	190E	U-013792	7050	Federal	GW	P	
4304731160	RBU 3-15E	NENW	15	100S	190E	U-013766	7050	Federal	GW	P	
4304731161	RBU 10-15E	NWSE	15	100S	190E	U-013766	7050	Federal	GW	P	
4304731176	RBU 9-10E	NESE	10	100S	190E	U-013792	7050	Federal	GW	P	
4304731196	RBU 3-14E	SENE	14	100S	190E	U-013792	7050	Federal	GW	P	
4304731252	RBU 8-4E	SENE	04	100S	190E	U-013792	7050	Federal	GW	P	
4304731322	RBU 1-19F	NENE	19	100S	200E	U-013769-A	7050	Federal	GW	P	
4304731323	RBU 5-10E	SWNW	10	100S	190E	U-013792	7050	Federal	GW	P	
4304731369	RBU 3-13E	NENW	13	100S	190E	U-013765	7050	Federal	GW	P	
4304731518	RBU 16-3E	SESE	03	100S	190E	U-035316	7050	Federal	GW	P	
4304731519	RBU 11-11F	NESW	11	100S	200E	U-7206	7050	Federal	GW	P	
4304731520	RBU 1-17F	NENE	17	100S	200E	U-013769-B	7050	Federal	GW	P	
4304731605	RBU 9-13E	NESE	13	100S	190E	U-013765	7050	Federal	GW	P	
4304731606	RBU 3-22E	NENW	22	100S	190E	U-013792	7050	Federal	GW	P	
4304731607	RBU 8-24E	SENE	24	100S	190E	U-013794	7050	Federal	GW	P	
4304731608	RBU 15-18F	SWSE	18	100S	200E	U-013794	7050	Federal	GW	P	

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

RIVER BEND UNIT

api	well_name	qtr	qtr	sec	twp	rng	lease_num	entity	Lease	well	stat
4304731613	RBU 5-11F	SWNW	11	100S	200E	U-7206	7050	Federal	GW	P	
4304731615	RBU 4-22F	NWNW	22	100S	200E	U-0143521-A	7050	Federal	GW	S	
4304731652	RBU 6-17E	SWNW	17	100S	190E	U-03535	7050	Federal	GW	P	
4304731715	RBU 5-13E	SWNW	13	100S	190E	U-013765	7050	Federal	GW	P	
4304731717	RBU 13-13E	SWSW	13	100S	190E	U-013765	7050	Federal	GW	P	
4304731739	RBU 9-9E	NESE	09	100S	190E	U-03505	7050	Federal	GW	P	
4304732033	RBU 13-14E	SWSW	14	100S	190E	U-013792	7050	Federal	GW	P	
4304732037	RBU 11-3E	NESW	03	100S	190E	U-013765	7050	Federal	GW	P	
4304732038	RBU 6-18F	SENE	18	100S	200E	U-013769	7050	Federal	GW	P	
4304732040	RBU 15-24E	SWSE	24	100S	190E	U-013794	7050	Federal	GW	P	
4304732041	RBU 5-14E	SWNW	14	100S	190E	U-013792	7050	Federal	GW	P	
4304732050	RBU 12-20F	NWSW	20	100S	200E	U-0143520-A	7050	Federal	GW	P	
4304732051	RBU 7-13E	SWNE	13	100S	190E	U-013765	7050	Federal	GW	P	
4304732070	RBU 16-19F	SESE	19	100S	200E	U-013769-A	7050	Federal	WD	A	
4304732071	RBU 9-22E	NESE	22	100S	190E	U-013792	7050	Federal	GW	P	
4304732072	RBU 15-34B	SWSE	34	090S	190E	U-01773	7050	Federal	GW	P	
4304732073	RBU 11-15E	NESW	15	100S	190E	U-013766	7050	Federal	GW	P	
4304732074	RBU 13-21F	SWSW	21	100S	200E	U-0143520-A	7050	Federal	GW	P	
4304732075	RBU 10-22F	NWSE	22	100S	200E	U-01470-A	7050	Federal	GW	P	
4304732081	RBU 9-20F	NESE	20	100S	200E	U-0143520-A	7050	Federal	GW	P	
4304732082	RBU 15-23E	SWSE	23	100S	190E	U-013766	7050	Federal	GW	P	
4304732083	RBU 13-24E	SWSW	24	100S	190E	U-013794	7050	Federal	GW	P	
4304732095	RBU 3-21E	NENW	21	100S	190E	U-013766	7050	Federal	GW	P	
4304732103	RBU 15-17F	SWSE	17	100S	200E	U-013769-C	7050	Federal	GW	P	
4304732105	RBU 13-19F	SWSW	19	100S	200E	U-013769-A	7050	Federal	GW	P	
4304732107	RBU 1-21E	NENE	21	100S	190E	U-013766	7050	Federal	GW	P	
4304732128	RBU 9-21E	NESE	21	100S	190E	U-013766	7050	Federal	GW	P	
4304732129	RBU 9-17E	NESE	17	100S	190E	U-03505	7050	Federal	GW	P	
4304732133	RBU 13-14F	SWSW	14	100S	200E	U-013793-A	7050	Federal	GW	P	
4304732134	RBU 9-11F	NESE	11	100S	200E	U-7206	7050	Federal	GW	P	
4304732138	RBU 5-21F	SWNW	21	100S	200E	U-013793	7050	Federal	GW	P	
4304732146	RBU 1-20E	NENE	20	100S	190E	U-03505	7050	Federal	GW	P	
4304732149	RBU 8-18F	SENE	18	100S	200E	U-013769	7050	Federal	GW	P	
4304732153	RBU 13-23E	SWSW	23	100S	190E	U-13766	7050	Federal	GW	P	
4304732154	RBU 5-24E	SWNW	24	100S	190E	U-013794	7050	Federal	GW	P	
4304732156	RBU 5-14F	SWNW	14	100S	200E	U-013793A	7050	Federal	GW	P	
4304732166	RBU 7-15E	SWNE	15	100S	190E	U-013766	7050	Federal	GW	P	
4304732167	RBU 15-13E	SWSE	13	100S	190E	U-013765	7050	Federal	GW	P	
4304732189	RBU 13-10F	SWSW	10	100S	200E	14-20-H62-2645	7050	Indian	GW	P	
4304732190	RBU 15-10E	SWSE	10	100S	190E	U-013792	7050	Federal	GW	P	
4304732191	RBU 3-17FX	NENW	17	100S	200E	U-013769-C	7050	Federal	GW	P	
4304732197	RBU 13-15E	SWSW	15	100S	190E	U-013766	7050	Federal	GW	P	
4304732198	RBU 7-22E	SWNE	22	100S	190E	U-013792	7050	Federal	GW	P	
4304732199	RBU 5-23E	SWNW	23	100S	190E	U-013766	7050	Federal	GW	P	
4304732201	RBU 13-18F	SWSW	18	100S	200E	U-013793	7050	Federal	GW	S	
4304732211	RBU 15-15E	SWSE	15	100S	190E	U-013766	7050	Federal	GW	P	

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

RIVER BEND UNIT

api	well_name	qtr	qtr	sec	twp	rng	lease_num	entity	Lease	well	stat
4304732213	RBU 5-19F	SWNW	19	100S	200E	U-013769-A	7050	Federal	GW	P	
4304732217	RBU 9-17F	NESE	17	100S	200E	U-013769-C	7050	Federal	GW	P	
4304732219	RBU 15-14E	SWSE	14	100S	190E	U-013792	7050	Federal	GW	P	
4304732220	RBU 5-3E	SWNW	03	100S	190E	U-03505	7050	Federal	GW	P	
4304732228	RBU 9-3E	NESE	03	100S	190E	U-035316	7050	Federal	GW	P	
4304732239	RBU 7-14E	SWNE	14	100S	190E	U-103792	7050	Federal	GW	P	
4304732240	RBU 9-14F	NESE	14	100S	200E	U-013793-A	7050	Federal	GW	P	
4304732242	RBU 5-22E	SWNW	22	100S	190E	U-013792	7050	Federal	GW	P	
4304732263	RBU 8-13E	SENE	13	100S	190E	U-013765	7050	Federal	GW	P	
4304732266	RBU 9-21F	NESE	21	100S	200E	U-0143520-A	7050	Federal	GW	P	
4304732267	RBU 5-10F	SWNW	10	100S	200E	U-7206	7050	Federal	GW	P	
4304732268	RBU 9-10F	NESE	10	100S	200E	U-7206	7050	Federal	GW	P	
4304732269	RBU 4-15F	NWNW	15	100S	200E	INDIAN	7050	Indian	GW	PA	
4304732270	RBU 14-22F	SESW	22	100S	200E	U-0143519	7050	Federal	GW	P	
4304732276	RBU 5-21E	SWNW	21	100S	190E	U-013766	7050	Federal	GW	P	
4304732289	RBU 7-10E	SWNE	10	100S	190E	U-013792	7050	Federal	GW	P	
4304732290	RBU 5-17F	SWNW	17	100S	200E	U-013769-C	7050	Federal	GW	P	
4304732293	RBU 3-3E	NENW	03	100S	190E	U-013765	7050	Federal	GW	P	
4304732295	RBU 13-22E	SWSW	22	100S	190E	U-013792	7050	Federal	GW	P	
4304732301	RBU 7-21E	SWNE	21	100S	190E	U-013766	7050	Federal	GW	P	
4304732309	RBU 15-21F	SWSE	21	100S	200E	U-0143520-A	7050	Federal	GW	P	
4304732310	RBU 15-20F	SWSE	20	100S	200E	U-0143520-A	7050	Federal	GW	P	
4304732312	RBU 9-24E	NESE	24	100S	190E	U-013794	7050	Federal	GW	P	
4304732313	RBU 3-20F	NENW	20	100S	200E	U-013793-A	7050	Federal	GW	P	
4304732315	RBU 11-21F	NESW	21	100S	200E	U-0143520-A	7050	Federal	GW	P	
4304732317	RBU 15-22E	SWSE	22	100S	190E	U-013792	7050	Federal	GW	P	
4304732328	RBU 3-19FX	NENW	19	100S	200E	U-013769-A	7050	Federal	GW	P	
4304732331	RBU 2-11F	NWNE	11	100S	200E	U-01790	7050	Federal	GW	P	
4304732347	RBU 3-11F	NENW	11	100S	200E	U-7206	7050	Federal	GW	P	
4304732391	RBU 2-23F	NWNE	23	100S	200E	U-013793-A	7050	Federal	GW	S	
4304732392	RBU 11-14F	NESW	14	100S	200E	U-013793-A	7050	Federal	GW	P	
4304732396	RBU 3-21F	NENW	21	100S	200E	U-013793-A	7050	Federal	GW	P	
4304732407	RBU 15-14F	SWSE	14	100S	200E	U-013793-A	7050	Federal	GW	P	
4304732408	RBU 4-23F	NWNW	23	100S	200E	U-013793-A	7050	Federal	GW	P	
4304732415	RBU 3-10EX (RIG SKID)	NENW	10	100S	190E	UTU-035316	7050	Federal	GW	P	
4304732483	RBU 5-24EO	SWNW	24	100S	190E	U-013794	11719	Federal	OW	S	
4304732512	RBU 8-11F	SENE	11	100S	200E	U-01790	7050	Federal	GW	P	
4304732844	RBU 15-15F	SWSE	15	100S	200E	14-20-H62-2646	7050	Indian	GW	P	
4304732899	RBU 3-14F	NENW	14	100S	200E	U-013793-A	7050	Federal	GW	P	
4304732900	RBU 8-23F	SENE	23	100S	200E	U-013793-A	7050	Federal	GW	P	
4304732901	RBU 12-23F	NWSW	23	100S	200E	U-01470-A	7050	Federal	GW	P	
4304732902	RBU 1-15F	NENE	15	100S	200E	U-7260	7050	Federal	GW	S	
4304732903	RBU 3-15F	NENW	15	100S	200E	U-7260	7050	Federal	GW	P	
4304732904	RBU 9-15F	NESE	15	100S	200E	U-7260	7050	Federal	GW	P	
4304732934	RBU 3-10F	NENW	10	100S	200E	U-7206	7050	Federal	GW	P	
4304732969	RBU 11-10F	NESW	10	100S	200E	U-7206	7050	Federal	GW	P	

## N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

## RIVER BEND UNIT

api	well_name	qtr	qtr	sec	twp	rng	lease_num	entity	Lease	well	stat
4304732970	RBU 12-15F	NWSW	15	100S	200E	U-7206	7050	Federal	GW	P	
4304732971	RBU 15-16F	SWSE	16	100S	200E	U-7206	7050	Federal	GW	S	
4304732972	RBU 1-21F	NENE	21	100S	200E	U-013793-A	7050	Federal	GW	P	
4304732989	RBU 13-10E	SWSW	10	100S	190E	U-013792	7050	Federal	GW	P	
4304732990	RBU 13-18F2	SWSW	18	100S	200E	U-013793	7050	Federal	GW	P	
4304732991	RBU 6-19F	SENW	19	100S	200E	U-013769-A	7050	Federal	GW	P	
4304733033	RBU 7-23E	NWNE	23	100S	190E	U-013766	7050	Federal	GW	P	
4304733034	RBU 9-18F	NESE	18	100S	200E	U-013794	7050	Federal	GW	P	
4304733035	RBU 14-19F	SESW	19	100S	200E	U-013769-A	7050	Federal	GW	P	
4304733087	RBU 6-23F	SENW	23	100S	200E	U-013793-A	7050	Federal	GW	P	
4304733088	RBU 1-10F	NENE	10	100S	200E	U-7206	7050	Federal	GW	P	
4304733089	RBU 8-22F	SENE	22	100S	200E	U-0143521	7050	Federal	GW	P	
4304733090	RBU 11-22F	NESW	22	100S	200E	U-0143519	7050	Federal	GW	P	
4304733091	RBU 16-22F	SESE	22	100S	200E	U-01470-A	7050	Federal	GW	P	
4304733156	RBU 4-14E	NWNW	14	100S	190E	U-013792	7050	Federal	GW	P	
4304733157	RBU 7-19F	SWNE	19	100S	200E	U-013769-A	7050	Federal	GW	P	
4304733158	RBU 7-20F	SWNE	20	100S	200E	U-013793-A	7050	Federal	GW	P	
4304733159	RBU 7-24E	SWNE	24	100S	190E	U-013794	7050	Federal	GW	P	
4304733160	RBU 8-15E	SENE	15	100S	190E	U-013766	7050	Federal	GW	P	
4304733161	RBU 16-10E	SESE	10	100S	190E	U-013792	7050	Federal	GW	P	
4304733194	RBU 2-14E	NWNE	14	100S	190E	U-013792	7050	Federal	GW	P	
4304733272	RBU 13-3F	SWSW	03	100S	200E	U-013767	7050	Federal	GW	P	
4304733361	RBU 5-3F	SWNW	03	100S	200E	U-013767	7050	Federal	GW	P	
4304733362	RBU 15-10F	SWSE	10	100S	200E	U-7206	7050	Federal	GW	P	
4304733363	RBU 5-16F	SWNW	16	100S	200E	U-7206	7050	Federal	GW	P	
4304733365	RBU 12-14E	NWSW	14	100S	190E	U-013792	7050	Federal	GW	P	
4304733366	RBU 5-18F	SWNW	18	100S	200E	U-013769	7050	Federal	GW	P	
4304733367	RBU 10-23F	NWSE	23	100S	200E	U-01470-A	7050	Federal	GW	P	
4304733368	RBU 14-23F	SESW	23	100S	200E	U-01470-A	7050	Federal	GW	S	
4304733424	RBU 5-20F	SWNW	20	100S	200E	U-013793-A	7050	Federal	GW	P	
4304733643	RBU 2-13E	NWNE	13	100S	190E	U-013765	7050	Federal	GW	P	
4304733644	RBU 4-13E	NWNW	13	100S	190E	U-013765	7050	Federal	GW	P	
4304733714	RBU 4-23E	NWNW	23	100S	190E	U-013766	7050	Federal	GW	P	
4304733715	RBU 6-13E	SENW	13	100S	190E	U-013765	7050	Federal	GW	P	
4304733716	RBU 10-14E	NWSE	14	100S	190E	U-013792	7050	Federal	GW	P	
4304733838	RBU 8-10E	SENE	10	100S	190E	U-013792	7050	Federal	GW	P	
4304733839	RBU 12-23E	NWSW	23	100S	190E	U-013766	7050	Federal	GW	P	
4304733840	RBU 12-24E	NWSW	24	100S	190E	U-013794	7050	Federal	GW	P	
4304733841	RBU 14-23E	SESW	23	100S	190E	U-013766	7050	Federal	GW	P	
4304734302	RBU 1-23F	NENE	23	100S	200E	UTU-013793-A	7050	Federal	GW	P	
4304734661	RBU 16-15E	SESE	15	100S	190E	U-013766	7050	Federal	GW	P	
4304734662	RBU 10-14F	NWSE	14	100S	200E	U-013793-A	7050	Federal	GW	P	
4304734663	RBU 6-14E	SENW	14	100S	190E	U-013792	7050	Federal	GW	P	
4304734670	RBU 8-23E	NENE	23	100S	190E	U-013766	7050	Federal	GW	P	
4304734671	RBU 4-24E	NENE	23	100S	190E	U-013766	7050	Federal	GW	P	
4304734701	RBU 12-11F	SENW	11	100S	200E	U-7206	7050	Federal	GW	P	

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

RIVER BEND UNIT

api	well_name	qtr_qtr	sec	tpw	rng	lease_num	entity	Lease	well	stat
4304734702	RBV 2-15E	NWNE	15	100S	190E	U-013766	7050	Federal	GW	P
4304734703	RBV 4-17F	NWNW	17	100S	200E	U-013769-C	7050	Federal	GW	P
4304734745	RBV 10-20F	NESE	20	100S	200E	U-0143520-A	7050	Federal	GW	P
4304734749	RBV 7-18F	SWNE	18	100S	200E	U-013769	7050	Federal	GW	P
4304734750	RBV 12-10F	SWSW	10	100S	200E	14-20-H62-2645	7050	Indian	GW	P
4304734810	RBV 10-13E	NWSE	13	100S	190E	U-013765	7050	Federal	GW	P
4304734812	RBV 1-24E	NENE	24	100S	190E	U-013794	7050	Federal	GW	P
4304734826	RBV 12-21F	NESE	20	100S	200E	U-0143520-A	7050	Federal	GW	P
4304734828	RBV 4-15E	NWNW	15	100S	190E	U-013766	7050	Federal	GW	P
4304734844	RBV 14-14E	SESW	14	100S	190E	U-013792	7050	Federal	GW	P
4304734845	RBV 10-24E	NWSE	24	100S	190E	U-013794	7050	Federal	GW	P
4304734888	RBV 4-21E	NWNW	21	100S	190E	U-013766	7050	Federal	GW	P
4304734889	RBV 16-24E	SESE	24	100S	190E	U-13794	7050	Federal	GW	P
4304734890	RBV 12-18F2	NWSW	18	100S	200E	U-013793	7050	Federal	GW	P
4304734891	RBV 10-23E	NESW	23	100S	190E	U-013766	7050	Federal	GW	P
4304734892	RBV 8-22E	SENE	22	100S	190E	U-013792	7050	Federal	GW	P
4304734906	RBV 6-22E	SENW	22	100S	190E	U-013792	7050	Federal	GW	P
4304734907	RBV 2-24E	NWNE	24	100S	190E	U-013794	7050	Federal	GW	P
4304734910	RBV 4-16F	NWNW	16	100S	200E	U-7206	7050	Federal	GW	P
4304734911	RBV 12-19F	NWSW	19	100S	200E	U-013769-A	7050	Federal	GW	P
4304734912	RBV 14-20F	SESW	20	100S	200E	U-0143520-A	7050	Federal	GW	P
4304734942	RBV 1-22F	NWNW	23	100S	200E	U-013793-A	7050	Federal	GW	P
4304734945	RBV 8-19F	SENE	19	100S	200E	U-013769-A	7050	Federal	GW	P
4304734946	RBV 8-20F	SENE	20	100S	200E	U-013793-A	7050	Federal	GW	P
4304734962	RBV 12-17F	NWSW	17	100S	200E	U-013769-C	7050	Federal	GW	P
4304734963	RBV 2-17F	NWNE	17	100S	200E	U-013769-C	14117	Federal	GW	P
4304734966	RBV 14-18F	SESW	18	100S	200E	U-013793	7050	Federal	GW	P
4304734967	RBV 10-18F	NWSE	18	100S	200E	U-013794	7050	Federal	GW	P
4304734968	RBV 10-19F	NWSE	19	100S	200E	U-013769-A	7050	Federal	GW	P
4304734969	RBV 10-3E	NWSE	03	100S	190E	U-035316	7050	Federal	GW	P
4304734970	RBV 12-3E	NWSW	03	100S	190E	U-013765	7050	Federal	GW	P
4304734971	RBV 15-3E	SWSE	03	100S	190E	U-35316	7050	Federal	GW	P
4304734974	RBV 12-10E	NWSW	10	100S	190E	U-013792	14025	Federal	GW	P
4304734975	RBV 14-10E	NENW	15	100S	190E	U-013766	7050	Federal	GW	P
4304734976	RBV 16-13E	SESE	13	100S	190E	U-013765	7050	Federal	GW	P
4304734977	RBV 8-14E	SENE	14	100S	190E	U-013792	7050	Federal	GW	P
4304734978	RBV 6-15E	SENW	15	100S	190E	U-013766	7050	Federal	GW	P
4304734979	RBV 12-15E	NWSW	15	100S	190E	U-013766	7050	Federal	GW	P
4304734981	RBV 16-17E	SESE	17	100S	190E	U-013766	7050	Federal	GW	P
4304734982	RBV 8-21E	SENE	21	100S	190E	U-013766	7050	Federal	GW	P
4304734983	RBV 4-22E	NWNW	22	100S	190E	U-013792	7050	Federal	GW	P
4304734986	RBV 2-20F	NWNE	20	100S	200E	U-03505	7050	Federal	GW	P
4304734987	RBV 9-20E	SWNW	21	100S	190E	U-03505	7050	Federal	GW	P
4304734989	RBV 7-20E	NENE	20	100S	190E	U-03505	7050	Federal	GW	P
4304734990	RBV 8-20E	SWNW	21	100S	190E	U-03505	14164	Federal	GW	P
4304735041	RBV 16-23E	SWSE	23	100S	190E	U-013766	7050	Federal	GW	P

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

RIVER BEND UNIT

api	well_name	qtr_qtr	sec	tpw	rng	lease_num	entity	Lease	well	stat
4304735042	RBU 12-22E	NWSW	22	100S	190E	U-013792	14165	Federal	GW	P
4304735058	RBU 7-23F	SWNE	23	100S	200E	U-013793-A	7050	Federal	GW	P
4304735059	RBU 12-13E	NWSW	13	100S	190E	U-013765	7050	Federal	GW	P
4304735060	RBU 14-13E	SESW	13	100S	190E	U-013765	7050	Federal	GW	P
4304735061	RBU 2-22E	NWNE	22	100S	190E	U-013792	7050	Federal	GW	P
4304735062	RBU 6-24E	SESW	24	100S	190E	U-013794	7050	Federal	GW	P
4304735082	RBU 4-17E	NWNW	17	100S	190E	U-03505	7050	Federal	GW	P
4304735086	RBU 16-14E	NENE	23	100S	190E	U-013792	7050	Federal	GW	P
4304735087	RBU 2-3E	NWNE	03	100S	190E	U-013765	7050	Federal	GW	P
4304735088	RBU 6-3E	SESW	03	100S	190E	U-03505	7050	Federal	GW	P
4304735100	RBU 10-10E	NWSE	10	100S	190E	U-013792	7050	Federal	GW	P
4304735101	RBU 16-22E	SESE	22	100S	190E	U-013792	7050	Federal	GW	P
4304735112	RBU 14-24E	SESW	24	100S	190E	U-013794	7050	Federal	GW	P
4304735129	RBU 6-21F	SESW	21	100S	200E	U-013793-A	7050	Federal	GW	P
4304735170	RBU 1-9E	NESE	09	100S	190E	U-03505	7050	Federal	GW	P
4304735171	RBU 16-9E	NESE	09	100S	190E	U-013765	7050	Federal	GW	P
4304735232	RBU 14-21F	SESW	21	100S	200E	U-0143520	7050	Federal	GW	P
4304735250	RBU 13-19F2	NWSW	19	100S	200E	U-013769-A	7050	Federal	GW	P
4304735251	RBU 15-19F	SWSE	19	100S	200E	U-013769-A	7050	Federal	GW	P
4304735270	RBU 16-21E	SESE	21	100S	190E	U-013766	7050	Federal	GW	P
4304735304	RBU 13-20F	SWSW	20	100S	200E	U-013769	7050	Federal	GW	P
4304735305	RBU 4-21F	NWNW	21	100S	200E	U-013793-A	7050	Federal	GW	P
4304735306	RBU 16-21F	SESE	21	100S	200E	U-0143520-A	7050	Federal	GW	P
4304735468	RBU 15-22F	SWSE	22	100S	200E	U-01470-A	7050	Federal	GW	P
4304735469	RBU 11-23F	SESW	23	100S	200E	U-01470A	7050	Federal	GW	P
4304735549	RBU 1-14F	NENE	14	100S	200E	UTU-013793-A	7050	Federal	GW	P
4304735640	RBU 2-21E	NWNE	21	100S	190E	U-013766	7050	Federal	GW	P
4304735644	RBU 10-17E	NWSE	17	100S	190E	U-013766	7050	Federal	GW	P
4304735645	RBU 12-21E	NWSW	21	100S	190E	U-013766	7050	Federal	GW	P
4304736200	RBU 8-17E	SWNE	17	100S	190E	U-013766	7050	Federal	GW	P
4304736201	RBU 15-17EX	SWSE	17	100S	190E	U-013766	7050	Federal	GW	P
4304736293	RBU 2-10E	NWNE	10	100S	190E	U-013792	7050	Federal	GW	P
4304736294	RBU 6-10E	NENW	10	100S	190E	U-013792	7050	Federal	GW	P
4304736296	RBU 6-21E	SESW	21	100S	190E	U-013766	7050	Federal	GW	P
4304736297	RBU 10-22E	NWSE	22	100S	190E	U-013792	7050	Federal	GW	P
4304736318	RBU 14-22E	SESW	22	100S	190E	U-013792	7050	Federal	GW	P
4304736427	RBU 9-15E	NESE	15	100S	190E	U-013766	7050	Federal	GW	DRL
4304736428	RBU 2-17E	NWNE	17	100S	190E	U-013766	7050	Federal	GW	P
4304736429	RBU 1-17E	NENE	17	100S	190E	U-013766	7050	Federal	GW	DRL
4304736432	RBU 3-19F2	NWNW	19	100S	200E	U-013769-A	15234	Federal	GW	P
4304736433	RBU 14-17F	SESW	17	100S	200E	U-03505	7050	Federal	GW	P
4304736434	RBU 2-19F	NWNE	19	100S	200E	U-013769-A	7050	Federal	GW	P
4304736435	RBU 5-19FX	SWNW	19	100S	200E	U-013769-A	15855	Federal	GW	P
4304736436	RBU 4-20F	NWNW	20	100S	200E	U-013793-A	7050	Federal	GW	P
4304736605	RBU 16-14F	SESE	14	100S	200E	U-013793A	7050	Federal	GW	P
4304736608	RBU 4-3E	NWNW	03	100S	190E	U-035316	7050	Federal	GW	P

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

RIVER BEND UNIT

api	well_name	qtr_qtr	sec	twp	rng	lease_num	entity	Lease	well	stat
4304736609	RBU 8-3E	SENE	03	100S	190E	U-013765	7050	Federal	GW	P
4304736610	RBU 14-3E	SESW	03	100S	190E	U-013765	7050	Federal	GW	P
4304736686	RBU 13-3E	NWSW	03	100S	190E	U-013765	15235	Federal	GW	P
4304736810	RBU 1-3E	NENE	03	100S	190E	U-013765	7050	Federal	GW	DRL
4304736850	RBU 2-10F	NWNE	10	100S	200E	U-7206	7050	Federal	GW	P
4304736851	RBU 8-21F	SENE	21	100S	200E	U-013793-A	7050	Federal	GW	P
4304737033	RBU 4-10E	SWNW	10	100S	190E	U-035316	7050	Federal	GW	P
4304737057	RBU 11-17E	NWSE	17	100S	190E	U-03505	7050	Federal	GW	DRL
4304737058	RBU 3-17E	NENW	17	100S	190E	U-03505	7050	Federal	GW	P
4304737201	RBU 3-23F	NENW	23	100S	200E	U-013793-A	7050	Federal	OW	P
4304737341	RBU 11-20F	NESW	20	100S	200E	U-0143520-A	7050	Federal	GW	P
4304737342	RBU 5-15F	SWNW	15	100S	200E	U-7206	7050	Federal	OW	P
4304737343	RBU 10-16F	NWSE	16	100S	200E	U-7206	7050	Federal	OW	P
4304737344	RBU 9-16F	NESE	16	100S	200E	U-7206	7050	Federal	OW	S
4304737450	RBU 14-17E	SESW	17	100S	190E	U-03505	7050	Federal	GW	P
4304737747	RBU 15-9E	NWNE	16	100S	190E	U-013765	7050	Federal	GW	DRL
4304737893	RBU 9-4EA	SENE	04	100S	190E	U-03505	7050	Federal	GW	P
4304737998	RBU 13-23F	SWSW	23	100S	200E	U-01470-A	7050	Federal	GW	P
4304738181	RBU 12-4E	SWNW	04	100S	190E	U-03576	99999	Federal	GW	DRL
4304738182	RBU 11-4E	SE/4	04	100S	190E	U-03505	99999	Federal	GW	DRL
4304738294	RBU 2-4E	NWNE	04	100S	190E	U-013792	7050	Federal	GW	DRL
4304738295	RBU 5-4E	SWNW	04	100S	190E	U-03576	99999	Federal	GW	DRL
4304738543	RBU 28-18F	NESE	13	100S	190E	U 013793-A	7050	Federal	GW	DRL
4304738548	RBU 32-13E	NESE	13	100S	190E	U-013765	7050	Federal	GW	DRL
4304738555	RBU 27-18F	SWSW	18	100S	200E	U-013793	7050	Federal	GW	DRL
4304738556	RBU 27-18F2	SWSW	18	100S	200E	U-013793	7050	Federal	GW	DRL
4304738557	RBU 30-18F	SWSW	18	100S	200E	U-013793	7050	Federal	GW	P
4304738558	RBU 29-18F	SWSW	18	100S	200E	U-013793	7050	Federal	GW	DRL
4304738595	RBU 31-10E	NENE	15	100S	190E	U-013792	7050	Federal	GW	DRL
4304738596	RBU 17-15E	NENE	15	100S	190E	U-013766	7050	Federal	GW	DRL
4304738780	RBU 8B-17E	SENE	17	100S	190E	U-013766	7050	Federal	GW	DRL

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

RIVER BEND UNIT

api	well_name	qtr_qtr	sec	tpw	rng	lease_num	entity	Lease	well	stat
4304730153	NATURAL 1-2	SENW	02	100S	200E	ML-10716	11377	State	OW	PA
4304730260	RBU 11-16E	NESW	16	100S	190E	ML-13214	7050	State	GW	S
4304730583	RBU 11-36B	NESW	36	090S	190E	ML-22541	99998	State	NA	PA
4304730608	RBU 8-16D	SENE	16	100S	180E	ML-13216	99998	State	NA	PA
4304730760	RBU 11-2F	NESW	02	100S	200E	ML-10716	9966	State	OW	S
4304731740	RBU 1-16E	NENE	16	100S	190E	ML-13214	7050	State	GW	P
4304732026	RBU 16-2F	SESE	02	100S	200E	ML-10716	7050	State	GW	P
4304732042	RBU 9-16E	NESE	16	100S	190E	ML-13214	7050	State	GW	P
4304732108	RBU 14-2F	SESW	02	100S	200E	ML-10716	7050	State	GW	P
4304732136	RBU 8-2F	SENE	02	100S	200E	ML-10716	7050	State	GW	P
4304732137	RBU 5-16E	SWNW	16	100S	190E	ML-13214	7050	State	GW	P
4304732245	RBU 7-16E	SWNE	16	100S	190E	ML-13214	7050	State	GW	PA
4304732250	RBU 13-16E	SWSW	16	100S	190E	ML-13214	7050	State	GW	S
4304732292	RBU 15-16E	SWSE	16	100S	190E	ML-13214	7050	State	GW	PA
4304732314	RBU 10-2F	NWSE	02	100S	200E	ML-10716	7050	State	GW	P
4304732352	RBU 3-16F	NENW	16	100S	200E	ML-3393-A	7050	State	GW	P
4304733360	RBU 1-16F	NENE	16	100S	200E	ML-3393	7050	State	GW	P
4304734061	RBU 6-16E	SWNE	16	100S	190E	ML-13214	7050	State	GW	P
4304734167	RBU 1-2F	NENE	02	100S	200E	ML-10716		State	GW	LA
4304734315	STATE 11-2D	NESW	02	100S	180E	ML-26968		State	GW	LA
4304734903	RBU 14-16E	SWSW	16	100S	190E	ML-13214	7050	State	D	PA
4304735020	RBU 8-16E	SENE	16	100S	190E	ML-13214	7050	State	GW	P
4304735021	RBU 10-16E	SWSE	16	100S	190E	ML-13214	7050	State	GW	P
4304735022	RBU 12-16E	NESW	16	100S	190E	ML-13214	7050	State	GW	P
4304735023	RBU 16-16E	SWSW	15	100S	190E	ML-13214	7050	State	GW	P
4304735033	RBU 2-16E	NWNE	16	100S	190E	ML-13214	7050	State	GW	P
4304735081	RBU 15-2F	SWSE	02	100S	200E	ML-10716	7050	State	GW	P
4304735348	RBU 13-16F	NWNW	21	100S	200E	ML-3394	7050	State	GW	DRL
4304736169	RBU 4-16E	NENW	16	100S	190E	ML-13214	7050	State	GW	P
4304736170	RBU 3-16E	NENW	16	100S	190E	ML-13214	7050	State	GW	P



# 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  
3180  
UT-922

Dominion Exploration & Production, Inc.  
Attn: James D. Abercrombie  
14000 Quail Springs Parkway, #600  
Oklahoma City, OK 73134-2600

August 10, 2007

Re: River Bend Unit  
Uintah County, Utah

Gentlemen:

On August 8, 2007, we received an indenture dated June 30, 2007, whereby Dominion Exploration & Production, Inc. resigned as Unit Operator and XTO Energy Inc. was designated as Successor Unit Operator for the River Bend 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 August 15, 2007. 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 River Bend Unit Agreement.

Your statewide oil and gas bond No. UTB000138 will be used to cover all operations within the River Bend 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/ Greg J. Noble*

Greg J. Noble  
Acting Chief, Branch of Fluid Minerals

Enclosure

RECEIVED  
AUG 16 2007  
DIV. OF OIL, GAS & MINING