

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

MAY 15 1995

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 Coalbed Methane  Single Zone  Multiple Zone

2. Name of Operator: River Gas Corporation

3. Address of Operator: 511 Energy Center Boulevard Northport, Al. 35476

4. Location of Well (Report location clearly and in accordance with any State requirements.):  
At surface: 1255' FWL, 1252' FNL Sec. 23, T15S, R09E  
At proposed prod. zone: same

5. Lease Designation and Serial No.: ML-45691

6. If Indian, Allottee or Tribe Name: \_\_\_\_\_

7. Unit Agreement Name: N/A

8. Farm or Lease Name: Utah

9. Well No.: 23-107

10. Field and Pool, or Willcat: ~~Wildcat~~ *Undesignated*

11. Off. Sec., T., R., M., or Blk. and Survey or Area: NW/NW Sec. 23, T15S, R09E

12. Distance in miles and direction from nearest town or post office\*: 6.5 miles southwest of Price, Ut.

12. County or Parrish: Carbon | 13. State: Ut.

13. Distance from proposed location to nearest property or lease line, ft. (Also to nearest driz. line, if any): \_\_\_\_\_

16. No. of acres in lease: 1120

17. No. of acres assigned to this well: 160

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

19. Proposed depth: 2600'

20. Rotary or cable tools: Rotary

21. Elevations (Show whether DF, RT, GR, etc.): 5895' GR surveyed

22. Approx. date work will start\*: July 1, 1995

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
11"	8-5/8"	24#	300'	110 sx
7-7/8"	5-1/2"	17#	2570'	265 sx

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. I hereby certify that this report is true and complete to the best of my knowledge.

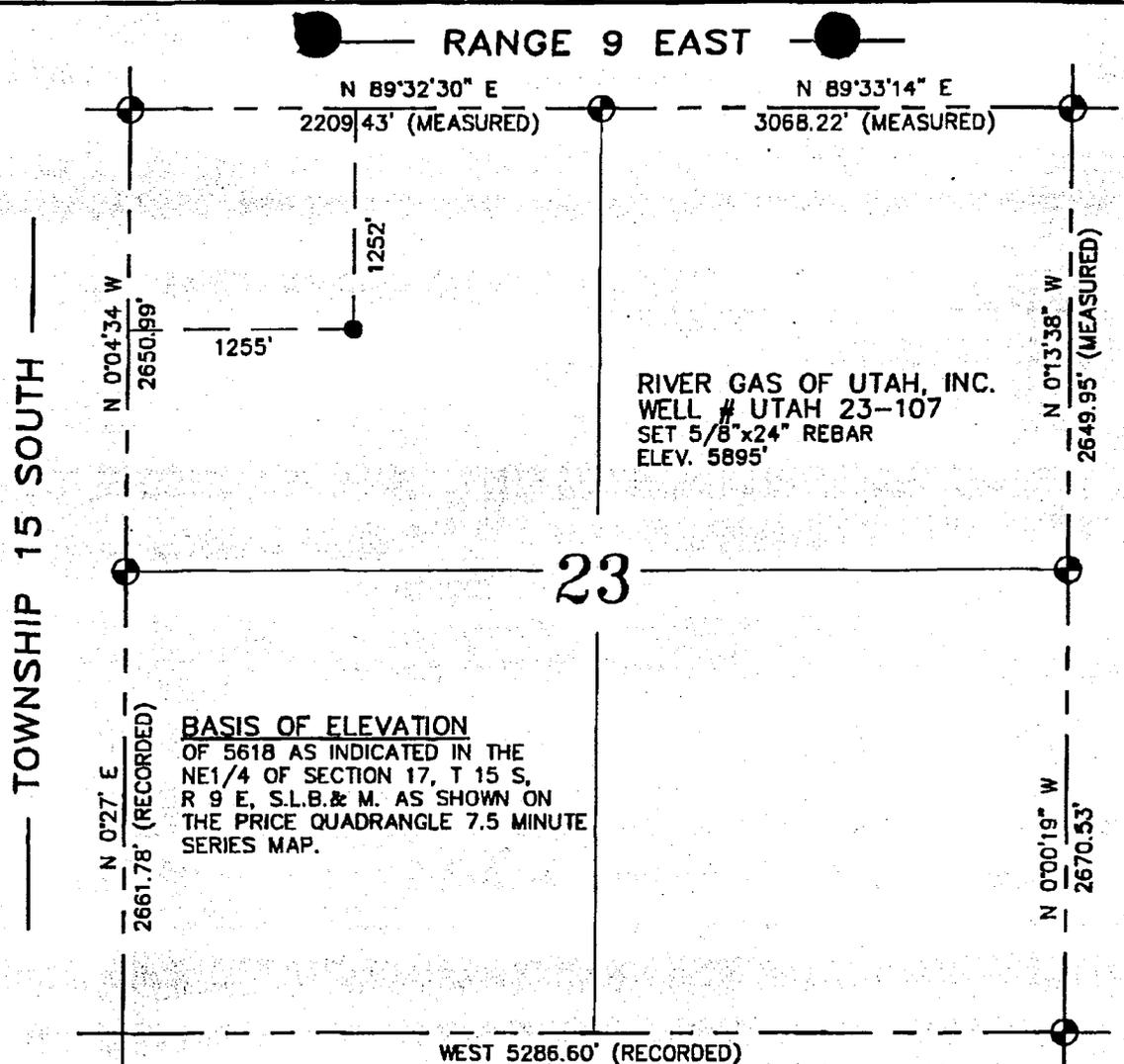
Signer: Terry D. Burns Title: Geologist Date: MAY 9, 1995

(This space for Federal or State office use)

API No. 43-007-30281

Approved by: *JM Matthews* Title: *Petroleum Engineer* Date: *6/21/95*

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



RIVER GAS OF UTAH, INC.  
WELL # UTAH 23-107  
SET 5/8"x24" REBAR  
ELEV. 5895'

**BASIS OF ELEVATION**  
OF 5618 AS INDICATED IN THE  
NE1/4 OF SECTION 17, T 15 S,  
R 9 E, S.L.B.& M. AS SHOWN ON  
THE PRICE QUADRANGLE 7.5 MINUTE  
SERIES MAP.

**LEGEND**

- FOUND BRASS CAP
- SEARCHED FOR BUT NOT FOUND
- ◻ FOUND ROCK CORNER

**BASIS OF BEARING**

BASIS OF BEARING N 89°33'14" E MEASURED  
BETWEEN THE N1/4 CORNER AND THE NE CORNER  
OF SECTION 23, TOWNSHIP 14 SOUTH, RANGE 9  
EAST, SALT LAKE BASE AND MERIDIAN.



**ENGINEER'S CERTIFICATE**

I, EVAN E. HANSEN, DO HEREBY CERTIFY THAT I AM A REGISTERED LAND SURVEYOR AND PROFESSIONAL ENGINEER HOLDING CERTIFICATE NO. 145656 AS PRESCRIBED UNDER THE LAWS OF THE STATE OF UTAH. I FURTHER CERTIFY THAT I HAVE MADE A SURVEY OF THE TRACT OF GROUND SHOWN AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

*Evan E. Hansen*  
EVAN E. HANSEN  
DATE 4-15-95  
DATE REVISED: 4-15-95

NW1/4 NW1/4 SEC. 23, T 15 S, R 9 E, S.L.B.& M.

**Empire Engineering**

1665 E. Sogewood Rd. Price, Utah 84501

**RIVER GAS CORPORATION**  
**WELL # UTAH 23-107**

Drawn By: THK	Approved By: EEH	Drawing No. EEOG-95-24
Date: 3-25-95	Scale: 1"=1000'	SHEET 1 OF 2



## RIVER GAS CORPORATION

511 Energy Center Blvd.  
Northport, Alabama 35476  
Phone (205) 759-3282  
Fax (205) 759-3188

May 9, 1995

MAY 15 1995

Mr. Michael Hebertson  
Utah Board of Oil, Gas, and Mining  
Suite 350, 3 Triad Center  
355 West North Temple  
Salt Lake City, Utah 84180-1203

RE: Application for Permit to Drill -  
Utah 23-107, NW 1/4 of NW 1/4 of Sec. 23, T15S, R09E  
S.L.B. & M., Carbon County, Utah

Dear Mr. Hebertson:

Enclosed is an original and one copy of an "Application for Permit to Drill" the well described above. Attached to the APD is the following information:

- Attachment #1 - Copy of survey plat of proposed well site
- Attachment #2 - Information regarding use of water at the site
- Attachment #3 - Schematic of B.O.P.
- Attachment #4 - Portion of topographic map indicating proposed well site, planned roads & pipelines, and offset wells within 1 mile-radius
- Attachment #5 - Additional drilling information furnished according to State regulations
- Attachment #6 - Typical road cross-section
- Attachment #7 - Well location map
- Attachment #8 - Evidence of bond sent to State Lands and Forestry Division
- Attachment #9 - Selected Points to be Addressed at On-Site Pre-Drill Evaluation

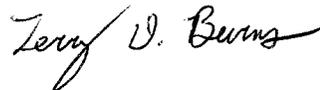
Attachment #10 - Typical Well Site Layout (Production Phase)

Attachment #11 - Archeological/Paleontological report

Also, please accept this letter as our request that all information regarding this permit be kept confidential, if said information is eligible for such consideration. This request is made in accordance with State of Utah Oil and Gas rule # R649-2-11.

Thank you for your assistance. Please feel free to contact me if you have questions.

Sincerely,



Terry D. Burns

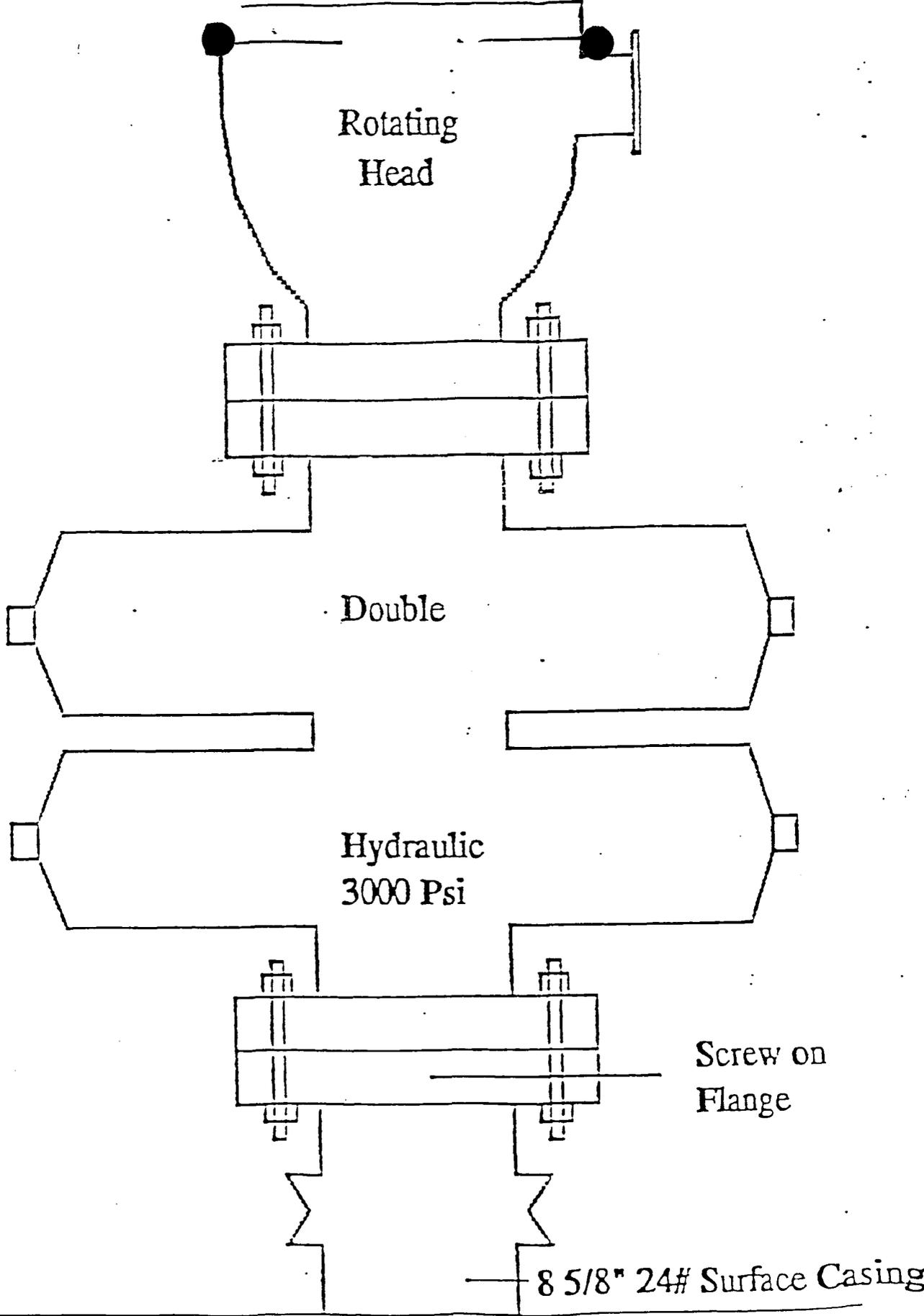
Geologist

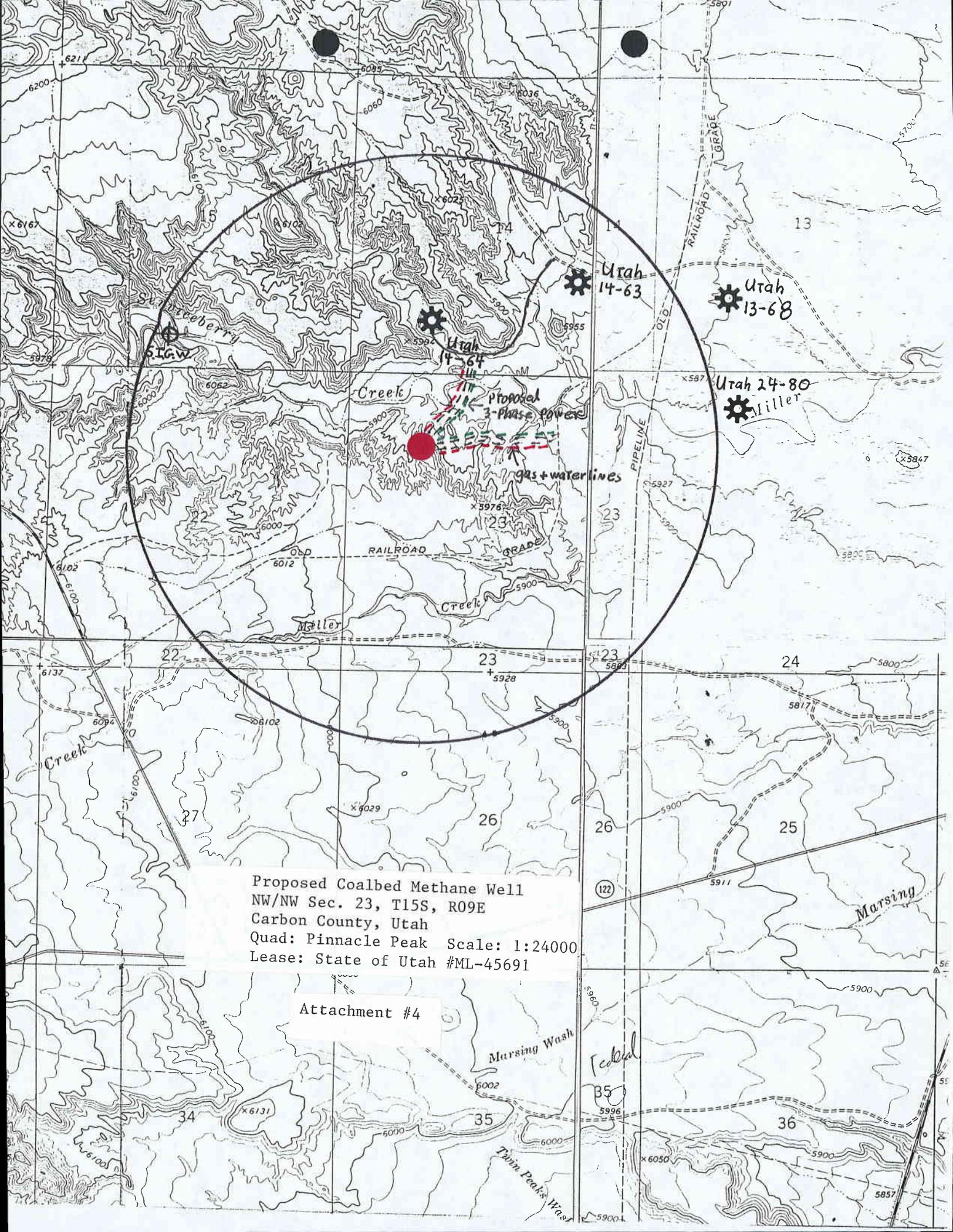
cc: Mr. Edward W. Bonner, Utah Department of Natural Resources  
Mr. Eric Jones, BLM in Moab, Utah  
Mr. Dean Nyffler, BLM in Price, Utah  
Mr. Robert A. Hendricks, BLM in Salt Lake City, Utah  
Mr. J.R. French, Texaco  
Mr. R.A. Lamarre, Texaco  
Mr. Gee Lake, Jr., Dominion Reserves

RIVER GAS OF UTAH, INC.  
ATTACHMENT #2

RE: Use of Water During Drilling Operations

As stated, water which we will be using is to be purchased from the Price River Water Improvement District (Tel. 801-637-6350). This has been arranged by Mr. Michael J. Farrens, Drilling Supervisor for River Gas of Utah, Inc. He has been in contact with Mr. Phillip Palmer. Mr. Farrens has discussed this arrangement with Mark Page of the Division of Water Rights (Tel. 801-637-1303) over the telephone. The Division of Water Rights is to furnish the Oil & Gas Division with a letter of approval concerning this matter.





Proposed Coalbed Methane Well  
NW/NW Sec. 23, T15S, R09E  
Carbon County, Utah  
Quad: Pinnacle Peak Scale: 1:24000  
Lease: State of Utah #ML-45691

Attachment #4

Utah 14-63

Utah 13-68

Utah 24-80 Miller

Utah 14-64

S.I.G.W.

Proposed 3-Phase Power

gas + water lines

Marsing

Federal

35

36

34

35

Twin Peaks Wash

Marsing Wash

Sageberry

Creek

Creek

Miller

Creek

122

5996

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x5847

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**RIVER GAS CORPORATION**  
Additional Drilling Information

Utah 23-107

1255' FWL & 1252' FNL  
Section 23, Township 15 South, Range 09 East

**R649-3-4 Permitting of Wells to be Drilled, Deepened or Plugged Back**

2.1 Telephone numbers for additional information:

Steven L. Prince (801)637-8876 Office  
Operations Manager (801)650-1211 Mobile

Fred Passarella (801)637-8876 Office  
Pumper (801)650-1296 Mobile

Randy Nairemore (801)637-8876 Office  
(801)650-1210 Mobile

Michael J. Farrens (205)759-3282 Office  
Vice President (205)758-8535 Home  
(801)650-1162 Mobile

2.2 Lease: State of Utah ML-45691

2.3 This gas well will be drilled outside the southern boundary of the Drunkards Wash Unit (UTU 67921X).

2.4 Survey Plat: See Attachment #1

2.5 Water will be purchased from Price River Water Improvement District:  
See Attachment #2.

2.6 Drilling program.

2.6.1 The following geologic units are expected to be penetrated in the well.

<u>Formation/Unit</u>	<u>Depth (ft)</u>
Upper Mancos Shale	Surface
Blue Gate/Ferron Sandstone	2180
Ferron/Tununk Shale	2430
TD	2600

2.6.2 The coals and sandstones within the Ferron Sandstone Member of the Mancos Shale are expected to be the only gas and water - bearing formations in well, at approx. 2180 - 2320'. No near - surface groundwater is expected to be encountered. 8 5/8" , 24 lb/ft surface casing will be set to 300' and cemented with 110 sacks of class "G" cement with 2% CaCl<sub>2</sub>, which has a density of 15.80 lb/gal. 5-1/2" 17# WC75 production casing will be run and cemented with approximately 200 sacks 50/50 Pozmix cement and tail-in with 65 sacks "RFC".

2.6.3 A double gate 3000 psi BOPE will be used with a rotating head. This equipment will be tested to 2100 psi or 70% of the minimum internal yield pressure. All tests will be recorded in a Driller's Report Book. Physical operation of BOP's will be checked on each trip. See Attachment #3 for Schematic.

2.6.4 None.

2.6.5 Mud Program:

Depth

0-300	11" hole	Drill with air, will mud-up if necessary.
300-2600	7-7/8" hole	Drill with air. 400 psi @ 1500-1800 Scf.

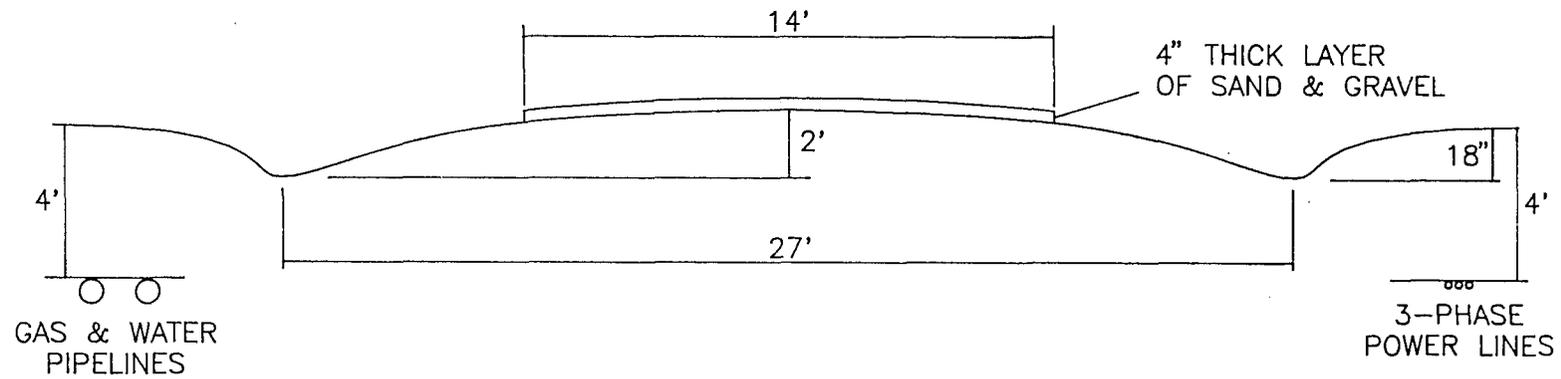
2.6.6 Logging Program:

Depth

0-300	Gamma Ray
300-2600	Gamma Ray, Density, Neutron porosity, Induction, Caliper

2.6.7 We expect 1100 psi for bottom hole pressure. No hazards are expected.

# RIVER GAS CORPORATION

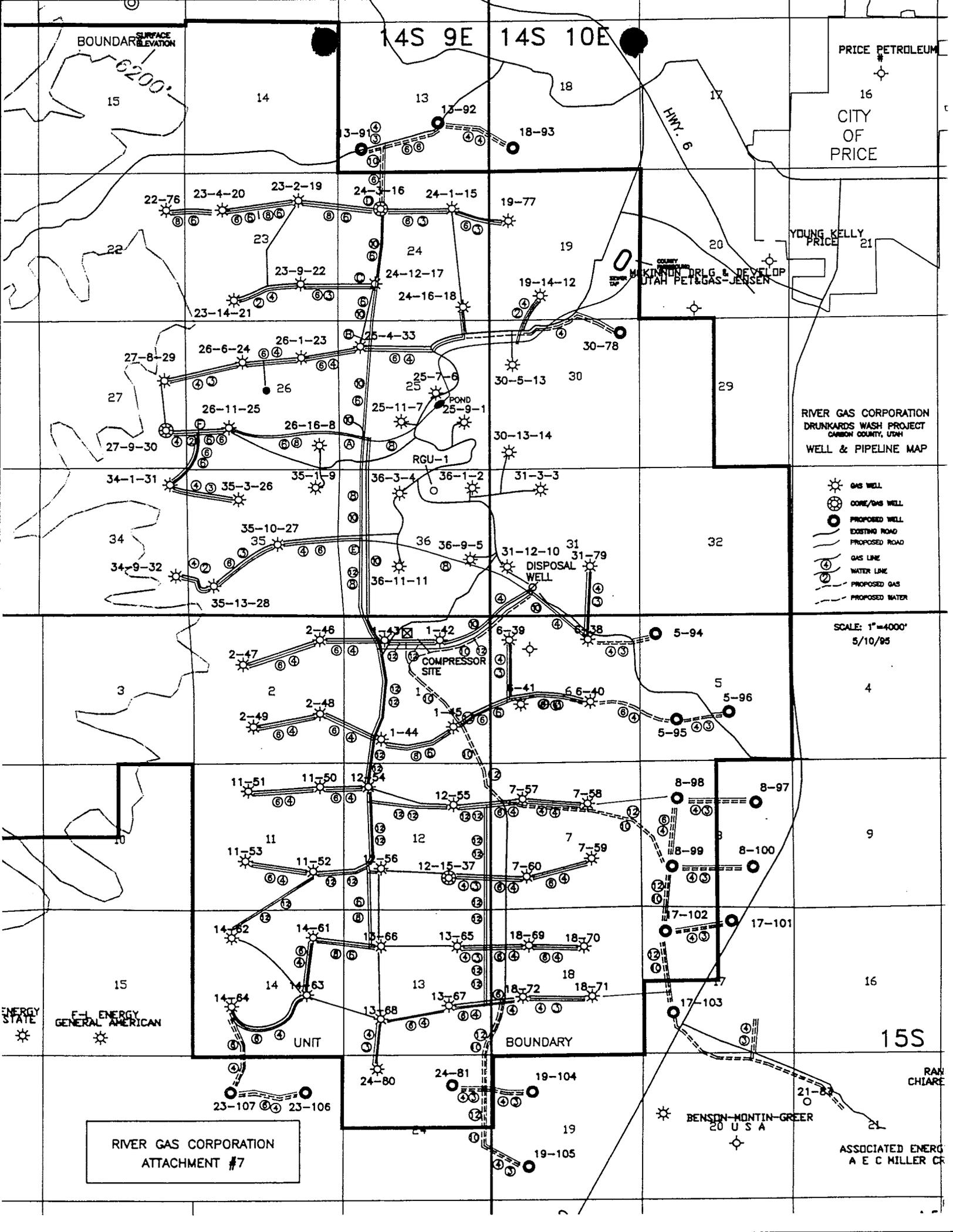


## TYPICAL ROAD CROSS-SECTION

NOT TO SCALE

ATTACHMENT #6

3/23/95



BOUNDARY SURFACE ELEVATION

14S 9E 14S 10E

PRICE PETROLEUM

CITY OF PRICE

YOUNG KELLY PRICE

MAXIMON DRG & DEVELOP  
UTAH PET & GAS - JENSEN

RIVER GAS CORPORATION  
DRUNKARDS WASH PROJECT  
CARBON COUNTY, UTAH  
WELL & PIPELINE MAP

- GAS WELL
- CORE/GAS WELL
- PROPOSED WELL
- EXISTING ROAD
- PROPOSED ROAD
- GAS LINE
- WATER LINE
- PROPOSED GAS
- PROPOSED WATER

SCALE: 1"=4000'  
5/10/95

RIVER GAS CORPORATION  
ATTACHMENT #7

ASSOCIATED ENERGY  
A E C MILLER CO

ENERGY STATE  
F-I ENERGY  
GENERAL AMERICAN

BENSON-MONTIN-GREER  
20 U S A

RAM CHIARE

AmSouth Bank N.A.

1900 5th Avenue North  
Birmingham, Alabama 35203-2610 USA

International Department

TELEX: 6827189

Cable: AMSOUBKBHM

S.W.I.F.T. AMSB US 44

AMENDMENT NUMBER: 003  
TO LETTER OF CREDIT NUMBER: 5304606  
DATE: DECEMBER 29, 1993

BENEFICIARY:  
STATE OF UTAH, DEPARTMENT OF  
NATURAL RESOURCES, DIVISION OF  
STATE LANDS AND FORESTRY  
#3 TRIAD CENTER SUITE 400  
355 WEST TEMPLE  
SALT LAKE CITY, UTAH 84160-1204

AT THE REQUEST OF RIVER GAS OF UTAH, INC.  
AND FOR THE ACCOUNT OF SAME  
WE HEREBY AMEND OUR LETTER OF CREDIT NUMBER 5304606  
DATED DECEMBER 14, 1990  
OPENED IN YOUR FAVOR AS FOLLOWS:

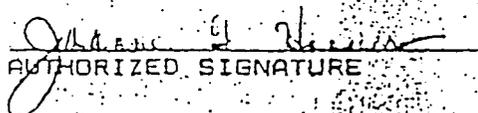
ACCOUNT PARTY'S ADDRESS IS NOW TO READ:  
3600 WATERMELON ROAD, SUITE 204, NORTHPORT, ALABAMA 35476.

-LATEST NEGOTIATION DATE IS EXTENDED TO DECEMBER 13, 1994.

-ADD: THIS LETTER OF CREDIT WILL BE AUTOMATICALLY RENEWED  
WITHOUT AMENDMENT FOR SUCCESSIVE PERIODS OF ONE (1) YEAR EACH,  
UNLESS AT LEAST 60 DAYS PRIOR TO THE INITIAL EXPIRATION DATE  
OR ANY SUCCESSIVE EXPIRATION DATE THE ISSUING BANK GIVES THE  
BENEFICIARY NOTICE BY REGISTERED LETTER TO THE ADDRESS ABOVE  
THAT THE ISSUING BANK ELECTS NOT TO HAVE THIS LETTER OF CREDIT  
RENEWED FOR SUCH ADDITIONAL ONE YEAR PERIOD.

ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED.  
THIS AMENDMENT BECOMES AN INTEGRAL PART OF THE ORIGINAL LETTER OF  
CREDIT AND IS TO BE ATTACHED THERETO.

  
AUTHORIZED SIGNATURE

  
AUTHORIZED SIGNATURE

RIVER GAS OF UTAH, INC.  
ATTACHMENT #8

AmSouth Bank N.A.

1900 5th Avenue North  
Birmingham, Alabama 35203-2610 US

International Department

TELEX: 6827188

Cable: AMSOUBKBHM

S.W.I.F.T. AMSB US 44

AMENDMENT NUMBER: 003  
TO LETTER OF CREDIT NUMBER: 6304606  
DATE: DECEMBER 29, 1993

BENEFICIARY:

STATE OF UTAH, DEPARTMENT OF  
NATURAL RESOURCES, DIVISION OF  
STATE LANDS AND FORESTRY  
#3 TRIAD CENTER SUITE 400  
355 WEST TEMPLE  
SALT LAKE CITY, UTAH 84180-1204

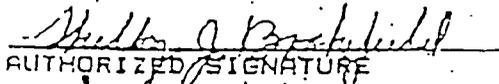
AT THE REQUEST OF RIVER GAS OF UTAH, INC.  
AND FOR THE ACCOUNT OF SAME  
WE HEREBY AMEND OUR LETTER OF CREDIT NUMBER 6304606  
DATED DECEMBER 14, 1990  
OPENED IN YOUR FAVOR AS FOLLOWS:

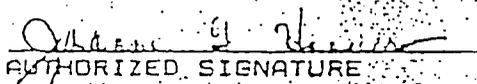
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AUTHORIZED SIGNATURE

  
AUTHORIZED SIGNATURE

RIVER GAS OF UTAH, INC.  
ATTACHMENT #8

AmSouth Bank N.A.  
1900 5th Avenue North  
Birmingham, Alabama 35203-2610 USA

International Department

TELEX: 6827189  
Cable: AMSOUBKBHM  
S.W.I.F.T. AMSB US 44

AMENDMENT NUMBER: 004  
TO LETTER OF CREDIT NUMBER: S304606  
DATE: JANUARY 24, 1995

BENEFICIARY:  
STATE OF UTAH, DEPARTMENT OF  
NATURAL RESOURCES, DIVISION OF  
STATE LANDS AND FORESTRY  
#3 TRIAD CENTER SUITE 400  
355 WEST TEMPLE  
SALT LAKE CITY, UTAH 84180-1204

AT THE REQUEST OF RIVER GAS OF UTAH, INC. 3600 WATERMELON ROAD  
SUITE 204 NORTHPORT, ALABAMA 35476  
AND FOR THE ACCOUNT OF SAME  
WE HEREBY AMEND OUR LETTER OF CREDIT NUMBER S304606  
DATED DECEMBER 14, 1990  
OPENED IN YOUR FAVOR AS FOLLOWS:

\*-ACCOUNT PARTY'S NAME IS NOW CHANGED TO:  
RIVER GAS CORPORATION

-THE NAME OF THE ISSUING BANK IS CHANGED FROM AMSOUTH BANK N.A.  
TO AMSOUTH BANK OF ALABAMA.

\*\*REFERENCES HEREIN TO AMSOUTH BANK N.A. SHALL BE DEEMED TO REFER  
TO AMSOUTH BANK OF ALABAMA.

ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED.  
THIS AMENDMENT BECOMES AN INTEGRAL PART OF THE ORIGINAL LETTER OF  
CREDIT AND IS TO BE ATTACHED THERETO.

  
\_\_\_\_\_  
AUTHORIZED SIGNATURE

## **Attachment #9**

Utah 23-107

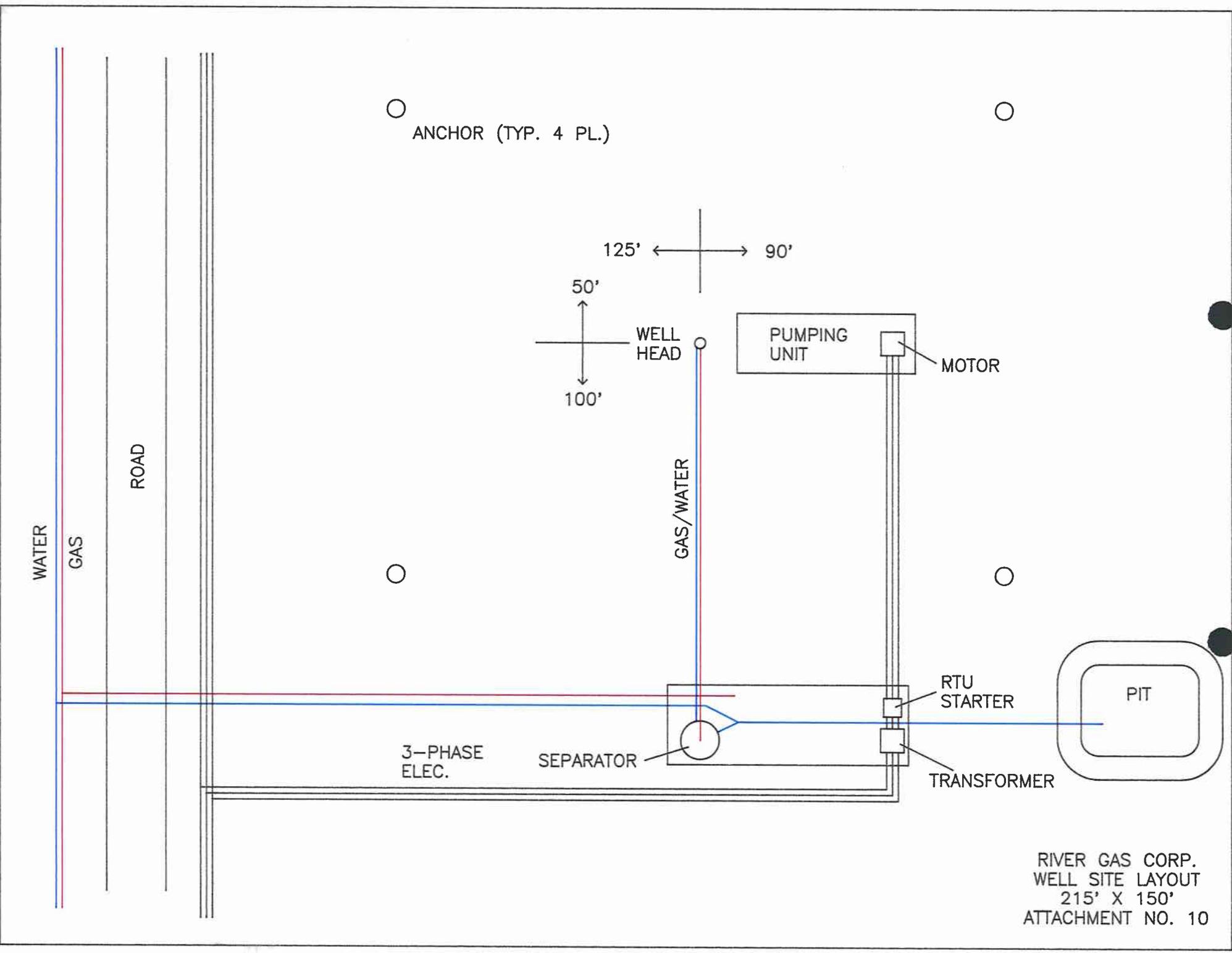
1255' FWL, 1252' FNL, SEC. 23, T15S, R09E

### **Selected Points to be Addressed in On-site Pre-drill Evaluation**

Current Surface Use: Grazing

#### **Surface Use Plan**

- Point #2      Planned Access Roads - A new road will be constructed off of existing road in southern part of Section 14 (see Attachment #4)
- Point #3      Wells within 1-mile radius of proposed location - See Attachment #4
- Point #4      Location of Production Facilities and Pipelines - see Attachment #4
- Point #6      Source of Construction Material - Other than native Mancos Shale, sand and gravel will be purchased from a local construction company
- Point #7      Waste Management Plan - All drill cuttings will be diverted to pit, as well as fluids encountered. Afterwards, the fluids will be allowed to evaporate and cuttings will be buried. Also, a portable bathroom facility will be provided during drilling operations
- Point #9      The separator will be located on the "cut" side of the location (see Attachment #10)



RIVER GAS CORP.  
WELL SITE LAYOUT  
215' X 150'  
ATTACHMENT NO. 10

PRELIMINARY REPORT OF THE CULTURAL RESOURCE INVENTORY  
FOR RIVER GAS OF UTAH'S 1995 DRILLING SEASON NEAR  
PRICE, CARBON COUNTY, UTAH, ON STATE, PRIVATE AND FEDERAL

### *INTRODUCTION*

Baseline Data, Inc., has completed a cultural and paleontological resource inventory of 32 new well locations and associated access corridors in Carbon County, for River Gas Company of Utah, Inc. The inventory was requested by Mr. Steve Prince of River Gas.

Field conditions for the inventory were excellent. Ground visibility was near 100%, hampered only by sparse native vegetation. The inventory was carried out under Utah State Project Authorization No. U95-BS-118bsp, and Federal Antiquities Permit No. 93UT576532.

The preliminary report provides information on the surveyed well locations and associated Utility Corridors. All location information has been summarized in Tables 1 and 2. The Utility Corridors may serve as access roads, water, or gas pipelines. The well locations and access corridors are found on the attached U.S.G.S. maps.

### *Inventory Methods*

Two different methods were employed to accomplish the inventory. Access roads were flagged down the center line by River Gas prior to the inventory or followed existing roads marked on U.S.G.S. maps. A corridor approximately 20 m wide (10+ meters on each side of the center line) was examined by walking zig-zag transects, along the center of each line. Each well location is about 75 x 75 m and were examined by completing several transects over the location, spaced about 15 m apart.

Sites and isolated artifacts were plotted on a U.S.G.S. map and were noted on field recording forms. No artifacts from any of the sites were collected. Photographs were taken of the sites and field maps were drawn. None of the isolated artifacts were unique enough to be collected or photographed. Notes on the general flora, fauna and geology were completed as the survey progressed.

Table 2 Utility Corridor Location

Utility Corridor	Beginning	End	Distance
UC-1	SE1/4 NE1/4 SE1/4 NE1/4 Sec. 36 T. 15 S R. 9E	NW1/4 NW1/4 NE1/4 NE1/4 Sec. 1 T. 16 S R. 9E	2.6 km
UC-2	NE1/4 SE1/4 SE1/4 NW1/4 Sec. 36 T. 15 S R. 9E	SE1/4 SE1/4 SE1/4 NW1/4 Sec. 36 T. 15 S R. 9E	.15 km
UC-3	SE1/4 SE1/4 SW1/4 SE1/4 Sec. 17 T. 15 S R. 10E	SE1/4 SE 1/4 NW 1/4 SE1/4 Sec. 17 T. 15 S R. 10E	.42 km
UC-4	SW1/4 SW1/4 SW1/4 SE1/4 Sec. 17 T. 15 S R. 10E	SE1/4 SW1/4 NW1/4 SW1/4 Sec. 17 T. 15 S R. 10E	.8 km
UC-5	SW1/4 NW1/4 SW1/4 NW1/4 Sec. 21 T. 15 S R. 10E	SE1/4 SW1/4 NW1/4 SW1/4 Sec. 17 T. 15 S R. 10E	1.5 km
UC-6	SE1/4 SW1/4 NW1/4 SW1/4 Sec. 17 T. 15 S R. 10E	SW1/4 SW1/4 NE1/4 NW1/4 Sec. 8 T. 15 S R. 10E	3.9 km
UC-7	NW1/4 SE1/4 NW1/4 NW1/4 Sec. 17 T. 15 S R. 10E	NE1/4 SW1/4 SW1/4 NE1/4 Sec. 17 T. 15 S R. 10E	.75 km
UC-8	SE1/4 SE1/4 NW1/4 SW1/4 Sec. 8 T. 15 S R. 10E	SE1/4 SE1/4 NW1/4 SE1/4 Sec. 8 T. 15 S R. 10E	.77 km
UC-9	NW1/4 NW1/4 SE1/4 NE1/4 Sec. 8 T. 15 S R. 10E	SE1/4 SE1/4 NW1/4 NW1/4 Sec. 7 T. 15 S R. 10E	2.5 km
UC-10	SE1/4 SE1/4 NW1/4 NW1/4 Sec. 7 T. 15 S R. 10E	SW1/4 NW1/4 NE1/4 NW1/4 Sec. 1 T. 15 S R. 10E	2.4 km
UC-11	NW1/4 NE1/4 NW1/4 SE1/4 Sec. 6 T. 15 S R. 10E	NE1/4 SW1/4 NW1/4 SE1/4 Sec. 5 T. 15 S R. 10E	1.6 km
UC-12	SW1/4 SW1/4 SW1/4 SE1/4 Sec. 19 T. 14 S R. 10E	NW1/4 NE1/4 NE1/4 NE1/4 Sec. 30 T. 14 S R. 10E	.7 km
UC-13	SW1/4 SE1/4 SW1/4 SW1/4 Sec. 18 T. 14 S R. 10E	SW1/4 NE1/4 NW1/4 SE1/4 Sec. 13 T. 14 S R. 9E	1.2 km
UC-14	NW1/4 NE1/4 SW1/4 SW1/4 Sec. 13 T. 14 S R. 9E	SW1/4 NE1/4 SW1/4 SW1/4 Sec. 13 T. 14 S R. 9E	.05 km
UC-15	NE1/4 SE1/4 SW1/4 NW1/4 Sec. 13 T. 14 S R. 9E	SE1/4 NE1/4 SW1/4 NW1/4 Sec. 13 T. 14 S R. 9E	.09 km
UC-16	NE1/4 NE1/4 SW1/4 SW1/4 Sec. 19 T. 15 S R. 10E	NW1/4 SW1/4 SE1/4 SW1/4 Sec. 18 T. 15 S R. 10E	1.5 km
UC-17	SE1/4 SE1/4 NW1/4 NW1/4 Sec. 19 T. 15 S R. 10E	SW1/4 SW1/4 NE1/4 NE1/4 Sec. 24 T. 15 S R. 9E	.85 km
UC-18	SW1/4 SW1/4 NE1/4 NE1/4 Sec. 24 T. 15 S R. 9E	NE1/4 NE1/4 NW1/4 SE1/4 Sec. 24 T. 15 S R. 9E	.54 km
UC-19	NW1/4 SE1/4 SW1/4 SW1/4 Sec. 18 T. 15 S R. 10E	NW1/4 SE1/4 SW1/4 SW1/4 Sec. 18 T. 15 S R. 10E	.03 km
UC-20	NE1/4 SW1/4 NE1/4 NE1/4 Sec. 24 T. 15 S R. 9E	NW1/4 SE1/4 NE1/4 NW1/4 Sec. 24 T. 15 S R. 9E	.7 km
UC-21	NW1/4 SE1/4 NE1/4 NW1/4 Sec. 23 T. 15 S R. 9E	NW1/4 SE1/4 SE1/4 SW1/4 Sec. 14 T. 15 S R. 9E	.36 km
UC-22	NW1/4 NW1/4 SE1/4 SW1/4 Sec. 14 T. 15 S R. 9E	NW1/4 SW1/4 NE1/4 SE1/4 Sec. 14 T. 15 S R. 9E	1.3 km
UC-23	NW1/4 NE1/4 NW1/4 SE1/4 Sec. 19 T. 14 S R. 9E	NE1/4 NE1/4 SW1/4 NE1/4 Sec. 19 T. 14 S R. 9E	.45 km
UC-24	SW1/4 SE1/4 SW1/4 SW1/4 Sec. 18 T. 14 S R. 9E	SW1/4 NE1/4 SW1/4 SW1/4 Sec. 18 T. 14 S R. 9E	.3 km
UC-25	SW1/4 NW1/4 SW1/4 SW1/4 Sec. 14 T. 14 S R. 9E	NE1/4 NE1/4 SW1/4 SW1/4 Sec. 14 T. 14 S R. 9E	.3 km
UC-26	SW1/4 NW1/4 SW1/4 SE1/4 Sec. 14 T. 14 S R. 9E	NE1/4 NW1/4 SW1/4 SE1/4 Sec. 14 T. 14 S R. 9E	.12 km
UC-27	NW1/4 SE1/4 NE1/4 NW1/4 Sec. 22 T. 14 S R. 9E	NW1/4 SE1/4 NE1/4 NW1/4 Sec. 22 T. 14 S R. 9E	.03 km
UC-28	SE1/4 NE1/4 NE1/4 NE1/4 Sec. 6 T. 15 S R. 10E	SE1/4 NW1/4 NW1/4 NW1/4 Sec. 5 T. 15 S R. 10E	.21 km
UC-29	SE1/4 NW1/4 SW1/4 SW1/4 Sec. 14 T. 14 S R. 9E	SE1/4 NW1/4 SW1/4 SW1/4 Sec. 14 T. 14 S R. 9E	.02 km
<b>TOTAL DISTANCE</b>			<b>26.14</b>

**Inventory Results**

Baseline recorded a total of seven new cultural resource sites and four new paleontology localities. Each is briefly summarized below.

Site 42Cb 1009 is a light scatter of historic trash found near Well No. 17-103. It is on private land in the NW1/4 NE1/4 SW1/4 SW1/4 of Section 17, T.15S R.10E. The site consists of a scatter of crushed cans, a galvanized wash tub, several fragments of porcelain dinnerware, Mason jar glass fragments, and a 1935 auto licence plate. There are no features or depth at the site. The site is not eligible for the National Register and no mitigation is recommended.

Site 42Cb 1010 is an abandoned collector ditch or irrigation system. It is found about 50 m west of Well No. 17-103 on private land. The feature is about 1.5 m wide and averages about .70 m deep. It has been breached in several locations and alluvial fill has covered the ditch in others. Greasewood growing in the ditch is more than 1 m high. It appears to be a collector system that drained water north into Miller Creek. The site is no eligible for the National Register and no mitigation is recommended.

Site 42Cb 1011 is a large scatter of trash found near Well No. 8-99 on private land. The site is on the slope of a ridge and scatters over an area of nearly 150 x 150 M in the SE1/4 SE1/4 NW1/4 SW1/4 and the NE1/4 NE1/4 SW1/4 SW1/4 of Section 8, T. 15S R.10E.. It consists of crushed cans, fragments from a wood burning stove, porcelain dinnerware, earthenware crockery, and amethyst glass fragments. There are no features or depth at the site. The site is no eligible for the National Register and no mitigation is recommended.

Site 42Cb 1012 is a light scatter of historic trash found on the east side of Well No. 5-94. It is in the NE1/4 SW1/4 NW1/4 SE1/4 of Section 5, T.15S R.10E, and is on private land. The trash consists of crushed cans, a fragment of milled wood and a single Dr. Nunn's Black Oil Healing Baslam bottle. The bottle is made from a light amethyst glass and was blown into a wood mold. The neck and cork stop were hand finished. There are no features or depth at the site. The material is in a high erosion environment and the wash the site is on is scattering artifacts south toward the Carbon Canal. The site is not eligible for the National Register and no mitigation is recommended.

Site 42Cb 1013 is a possible prehistoric camp site or storage site. It is found near Core Well No. 18-7. It is found in the SE1/4 NE1/4 SW1/4 SW1/4 of Section 18, T.14S R.9E, and is on land administered by the Bureau of land Management. The site consists of several interior secondary chert flakes, three fragments of basin metates, a possible one-handed mano and the remains of what may be a slab-lined cist. The cist area has several fragment of thin limestone slabs and discolored soil. The entire surface of the site has been impacted by chaining. The artifacts were noted in the bottom of small erosions channels. The impact from chaining has made the site difficult to evaluated for the National Register. It is suggested that the site be avoided until the site can be properly evaluated. River Gas has dropped plans for drilling this core well and the site will not be impacted by River Gas.

Site 42Cb 1014 is along Utility Corridor No. 12 in SE1/4 SW1/4 SW1/4 SE1/4 Section 19, T.14S R.10E. The site is a non-significant historic trash scatter consisting mostly of tins cans and a few fragments of milled lumber. The site covers an area of about 30 X 30 m on private land. There are no significant features or artifacts associated with this site and it is not eligible for the National Register.

Site 42Cb 1015 is located within Well Location No. 13-92 in SW1/4 NE1/4 NW1/4 SE1/4 of Section 13, T.14S R.9E. This site is a historic trash scatter covering an area of 40 x 20 m and is located on private land. The site consists of 100+ solder sealed tin cans, most of which have been knife cut. There are 80+ fragments of clear glass, two pieces of white china, 40 fragments of green glass and 40+ fragments of brown beverage bottle glass. Most of the glass is modern with some being of an undetermined age. None of the artifacts are significant and there are no features or structure associated with this site. It is not eligible for the National Register. No mitigation is recommended at the site.

*Paleontological Sites-* A total of four paleontological sites were noted during the inventory, two of which are sensitive, one may be and the other is not sensitive.

Site 95RG-1 is located along the east edge of the proposed Well No. 30-78 in the SW1/4 NE1/4 NE1/4 NE1/4 Section 30 T. 14S R. 10E. The site is found on a small rise and covers an area of about 40 X 40 on privately owned land. The site consists of invertebrate marine fossils that are sensitive enough to be avoided. The well location only needs to be moved 125 feet to the west to avoid any paleontological disturbance.

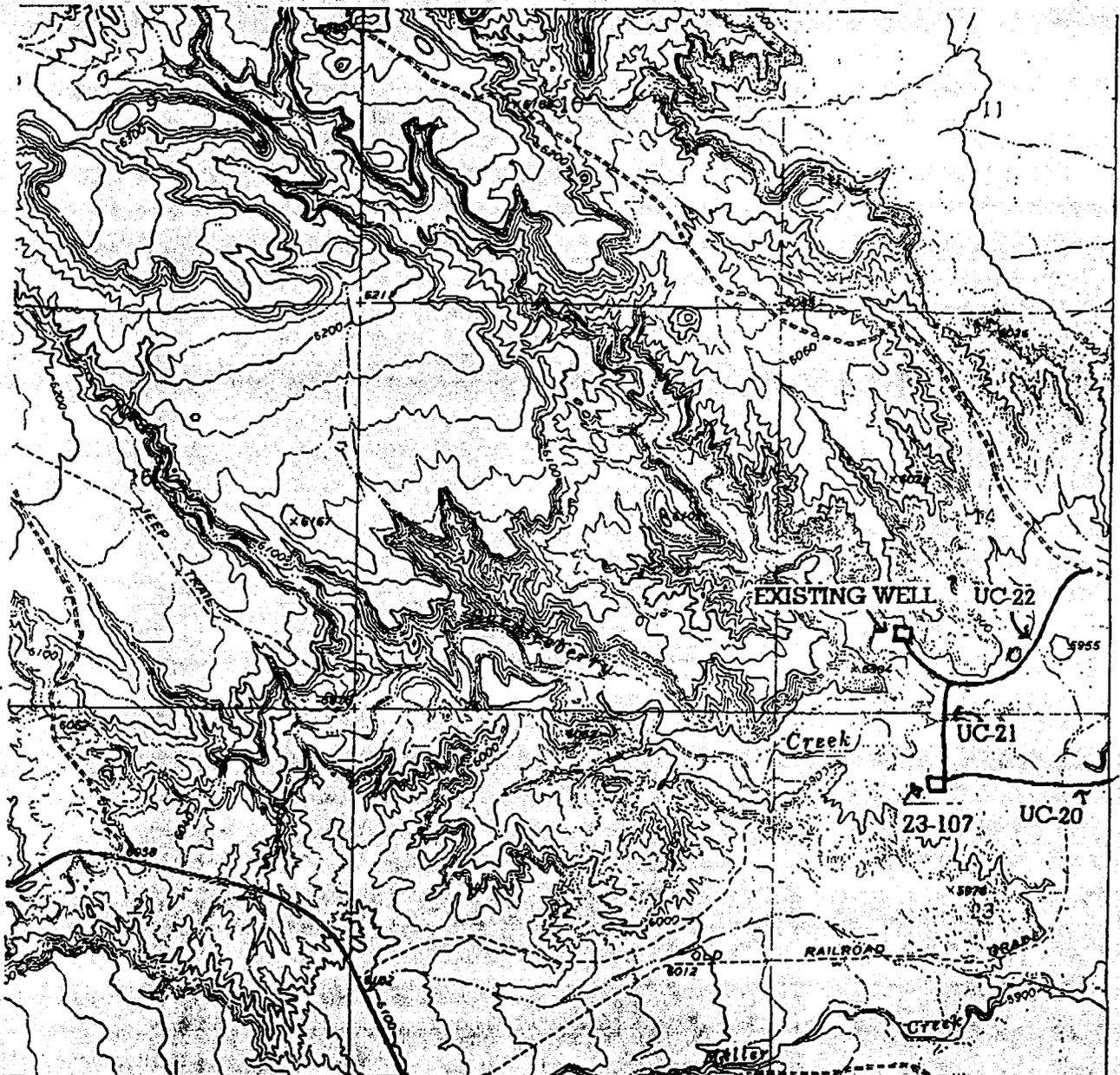
Site 95RG-2 is along Utility Corridor No. 8 just west of the proposed Well No. 8-100. The site covers an area of about 50 x 50 and is in the NE1/4 SE1/4 NW1/4 SE1/4, Section 8 T. 15S R. 10E. The site is located on State owned land. This site consists of invertebrate marine fossils that are sensitive enough to avoid. To avoid the site it is recommended that the utility corridor be bent about 70 feet north around a small ravine. This should avoid any disturbance of the paleontological site.

Site 95RG-3 was noted near a proposed Utility Corridor No. 11 just west of Well No. 5-95. The site is found on the side of a ridge in the NE1/4 SW1/4 NW1/4 SE1/4 of Section 5, T.15S R.10E. It is on private land. The site consists of invertebrate marine fossils that may be sensitive. The existing access road will be used for the utility corridor and will not disturb any of the observed fossils. No mitigation is recommended.

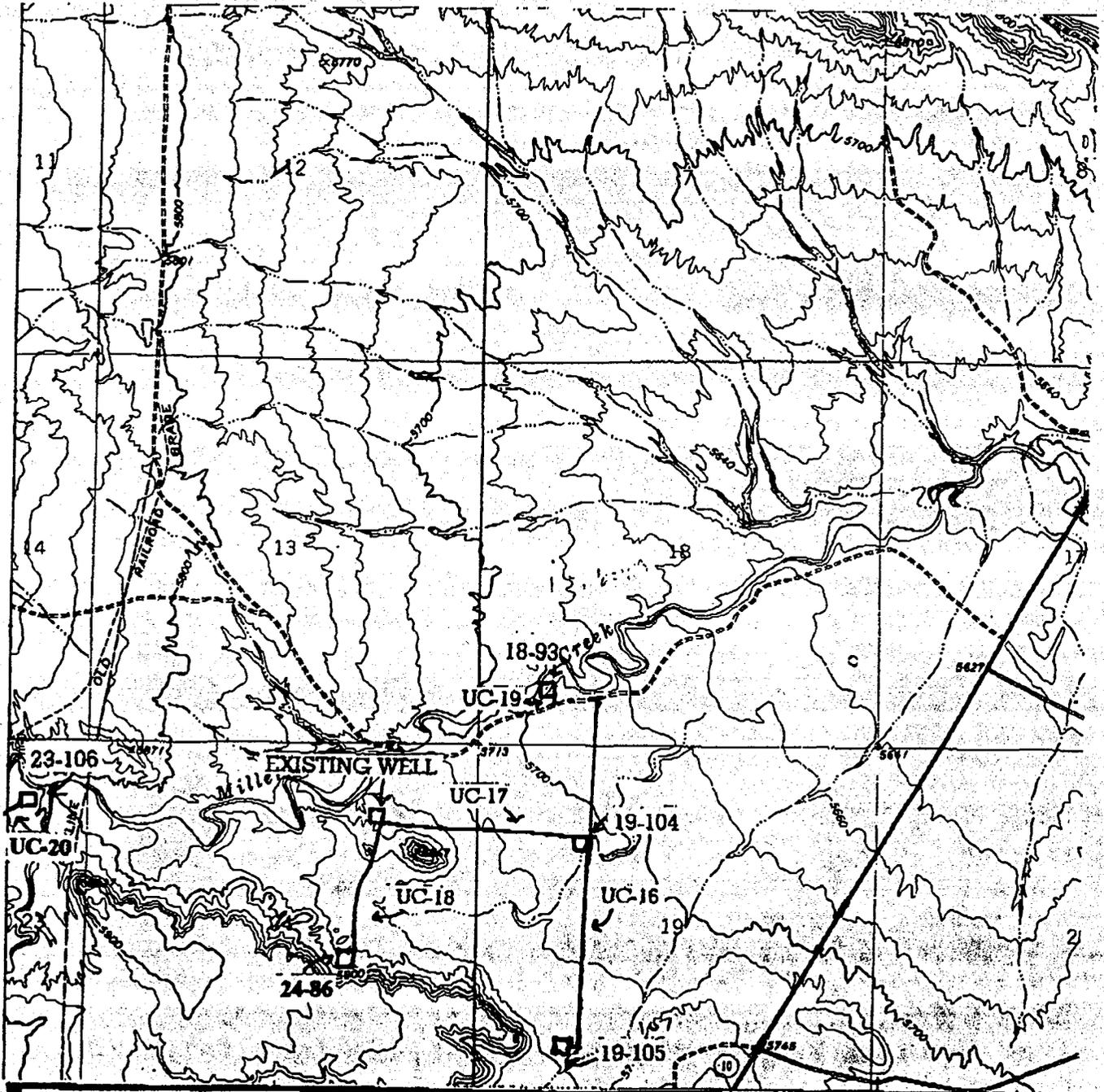
Site 95RG-4 is a deposit of non-sensitive marine fossils found near Well Location 36-109 Alt. The site is found along the top of a ridge in the C, N1/2 NE1/4 SW1/4 of Section 36, T. 16S R.9E. It is on land administered by the State of Utah. The site will not be impacted by the well location or access road. No mitigation is recommended for this site.

### **RECOMMENDATIONS**

Prehistoric site 42Cb 1013 has not been evaluated for the national Register. The site surface is too disturbed to adequately assess the site. The proposed well will not be drilled and the site will not be impacted. None of the other cultural resource sites are eligible for the National Register and no mitigation is recommended for those sites. Paleontological site 95RG-1 is sensitive. It can be avoided by moving Well No. 30-78 about 125 feet to the west. Site 95RG-2 is a sensitive locality found on Utility corridor No. 8 just west of Well No. 8-100. The site can be easily avoided by moving the utility corridor about 70 m north around the edge of a small wash.



		<b>BASELINE DATA INC.</b> <b>OREM, UTAH</b>	
<b>LEGEND</b> <b>WELL LOCATION</b> <b>UTILITY CORRIDOR</b> 		<b>PROJECT: RIVER GAS DRILLING</b>	
		<b>COUNTY: CARBON</b>	
		<b>QUAD: PINNACLE PEAK</b>	



<p>1/2 mile 1 kilometer</p>		<p><b>BASELINE DATA INC.</b> <b>OREM, UTAH</b></p>	
<p><b>LEGEND</b></p> <p> <b>WELL LOCATION</b></p> <p> <b>UTILITY CORRIDOR</b></p> <p></p>		<p><b>PROJECT: RIVER GAS DRILLING</b></p> <p><b>COUNTY: CARBON</b></p> <p><b>QUAD: PRICE</b></p>	

STATE OF ALABAMA                    )  
  : ss.  
COUNTY OF TUSCALOOSA            )

**AFFIDAVIT CONCERNING NOTIFICATION  
TO GRAZING PERMITTEE**

**JOSEPH L. STEPHENSON**, being first duly sworn upon his oath,  
deposes and states:

1. I am Vice President - Land of River Gas Corporation ("RGC"), an Alabama corporation duly authorized to transact business in the State of Utah, and am authorized to execute this Affidavit on behalf of said corporation.

2. As Vice President - Land, I am responsible for supervision of lease records and reviewing title records and legal opinions affecting lands where RGC proposes to conduct operations.

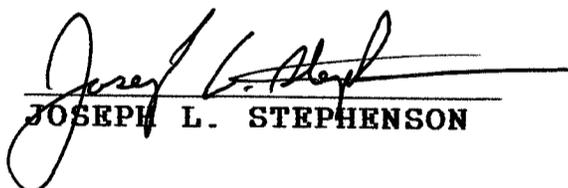
3. RGC owns an interest in Oil, Gas and Hydrocarbon Lease ML-45691 on which RGC proposes to drill a coalbed methane gas well named the Utah 23-107, the surface of said lands being owned by the School and Institutional Trust Lands Administration.

4. While reviewing title records associated with the above described Oil, Gas and Hydrocarbon Lease, it was noted that RGC's proposed well and its access road and associated production facilities would affect lands which were subject to Grazing Permit GP-21727 held by Steve Stamatakis, et al.

5. As evidenced by copy of letter dated May 16, 1995 attached hereto as Exhibit "A", and by this reference incorporated herein, RGC notified the above described grazing permittee of RGC's proposed activities and requested the grazing permittee to contact RGC by June 1, 1995 if the proposed activity would conflict with his present use of the surface.

6. The matters stated herein are true of my own knowledge, except to any matters stated herein upon information and belief, and, as to those matters, I believe them to be true.

DATED this 16th day of May, 1995.

  
**JOSEPH L. STEPHENSON**

Subscribed, sworn and acknowledged to and by Joseph L. Stephenson before me this 16th day of May, 1995.

  
NOTARY PUBLIC  
Residing at:  
1429 20th Avenue East  
Tuscaloosa, AL 35404

(SEAL)

My Commission Expires: 3/8/98



**RIVER GAS CORPORATION**

511 Energy Center Blvd.  
Northport, Alabama 35476  
Phone (205) 759-3282  
Fax (205) 759-3188

May 16, 1995

FEDERAL EXPRESS

**EXHIBIT "A"**  
Page 1 of 4

Mr. Steve Stamatakis  
2676 Gordon Creek Road  
Price, UT 84501

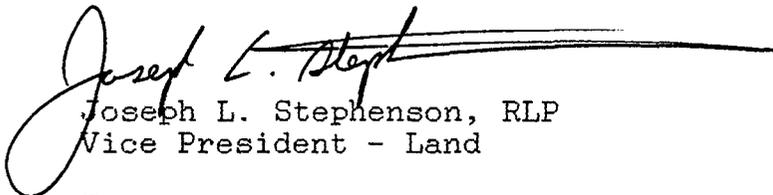
RE: GP-21727

Dear Mr. Stamatakis:

Attached is a map showing two (2) proposed coalbed methane gas wells that we will be permitting with the Division of Oil, Gas and Mining ("DOGM"). Survey plats of their locations are also enclosed for your reference. After we submit the applications for permit to drill ("APD's") on the proposed sites, DOGM will schedule a field inspection of the proposed sites. We may have to make changes in the location due to topography, etc. in the process of obtaining approval for the APD's.

The sites are located on land owned by the School and Institutional Trust Lands Administration. Our review of the State's files indicated that you had the above described grazing permit. If these well sites conflict with your present use of the surface under your grazing permit, please contact Mr. Michael J. Farrens or Mr. Steven Prince at our office in Price. That telephone number is 637-4455. They could meet you on the property for a more detailed explanation of the proposed development. If there is a conflict, we would like to hear from you by June 1, 1995.

Sincerely yours,

  
Joseph L. Stephenson, RLP  
Vice President - Land

Enc.

cc: Mr. Edward W. Bonner @ SITLA  
Mr. Michael J. Farrens @ RGC

14S 9E 14S 10E

PRICE PETROLEUM  
CITY OF PRICE

EXHIBIT "A"  
Page 2 of 4

RIVER GAS CORPORATION  
DRUNKARDS WASH PROJECT  
CASHEN COUNTY, UTAH  
WELL & PIPELINE MAP

- GAS WELL
- CORE/GAS WELL
- PROPOSED WELL
- EXISTING ROAD
- PROPOSED ROAD
- GAS LINE
- WATER LINE
- PROPOSED GAS
- PROPOSED WATER

SCALE: 1"=4000'  
5/10/95

G-P-21727

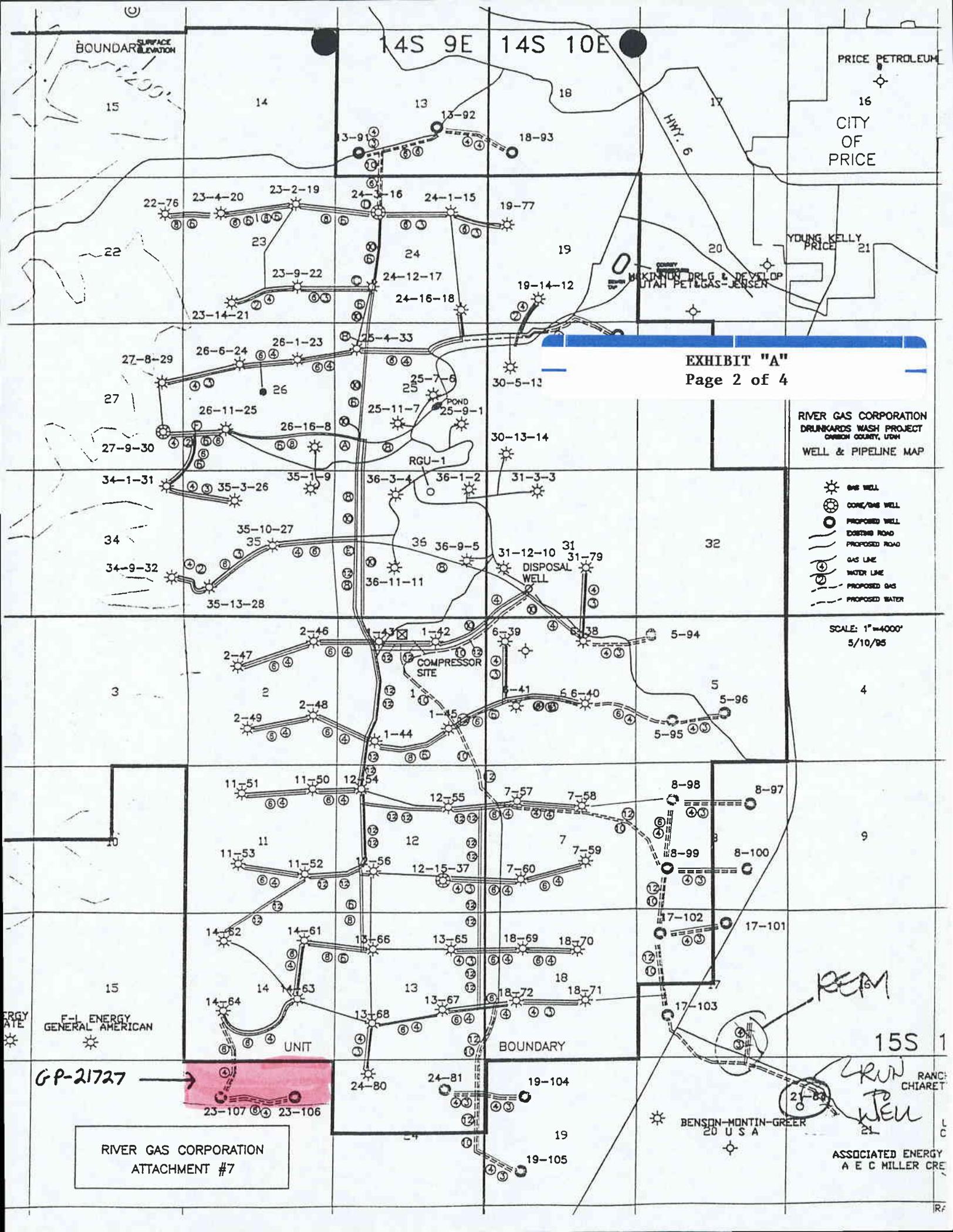
RIVER GAS CORPORATION  
ATTACHMENT #7

REM

15S 1

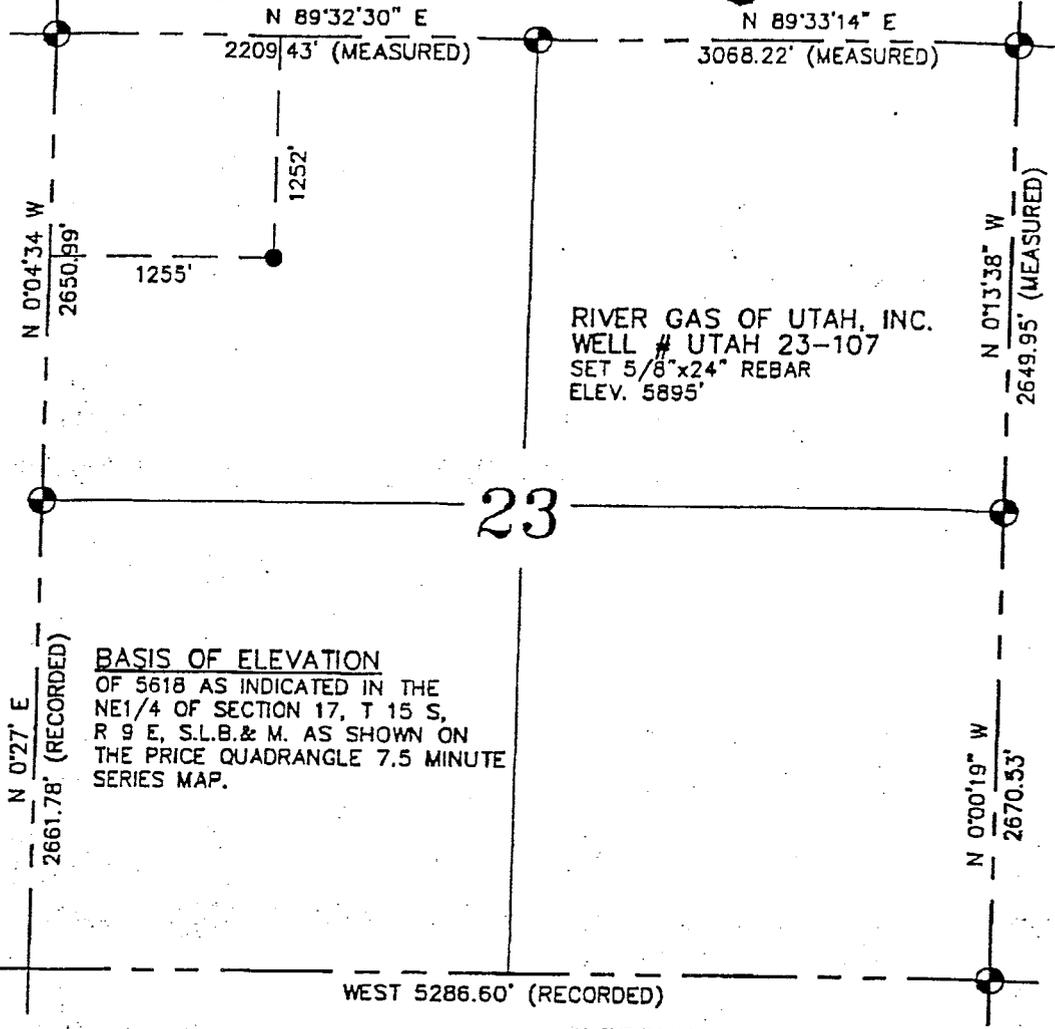
GRUN  
TO  
WEN

ASSOCIATED ENERGY  
A E C MILLER CRE



TOWNSHIP 15 SOUTH

RANGE 9 EAST



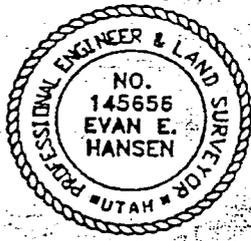
**BASIS OF ELEVATION**  
 OF 5618 AS INDICATED IN THE  
 NE1/4 OF SECTION 17, T 15 S,  
 R 9 E, S.L.B. & M. AS SHOWN ON  
 THE PRICE QUADRANGLE 7.5 MINUTE  
 SERIES MAP.

**LEGEND**

- FOUND BRASS CAP
- SEARCHED FOR BUT NOT FOUND
- ◻ FOUND ROCK CORNER

**BASIS OF BEARING**

BASIS OF BEARING N 89°33'14" E MEASURED  
 BETWEEN THE NW1/4 CORNER AND THE NE CORNER  
 OF SECTION 23, TOWNSHIP 14 SOUTH, RANGE 9  
 EAST, SALT LAKE BASE AND MERIDIAN.



**ENGINEER'S CERTIFICATE**

I, EVAN E. HANSEN, DO HEREBY CERTIFY THAT I AM A REGISTERED LAND SURVEYOR AND PROFESSIONAL ENGINEER HOLDING CERTIFICATE NO. 145656 AS PRESCRIBED UNDER THE LAWS OF THE STATE OF UTAH. I FURTHER CERTIFY THAT I HAVE MADE A SURVEY OF THE TRACT OF GROUND SHOWN AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

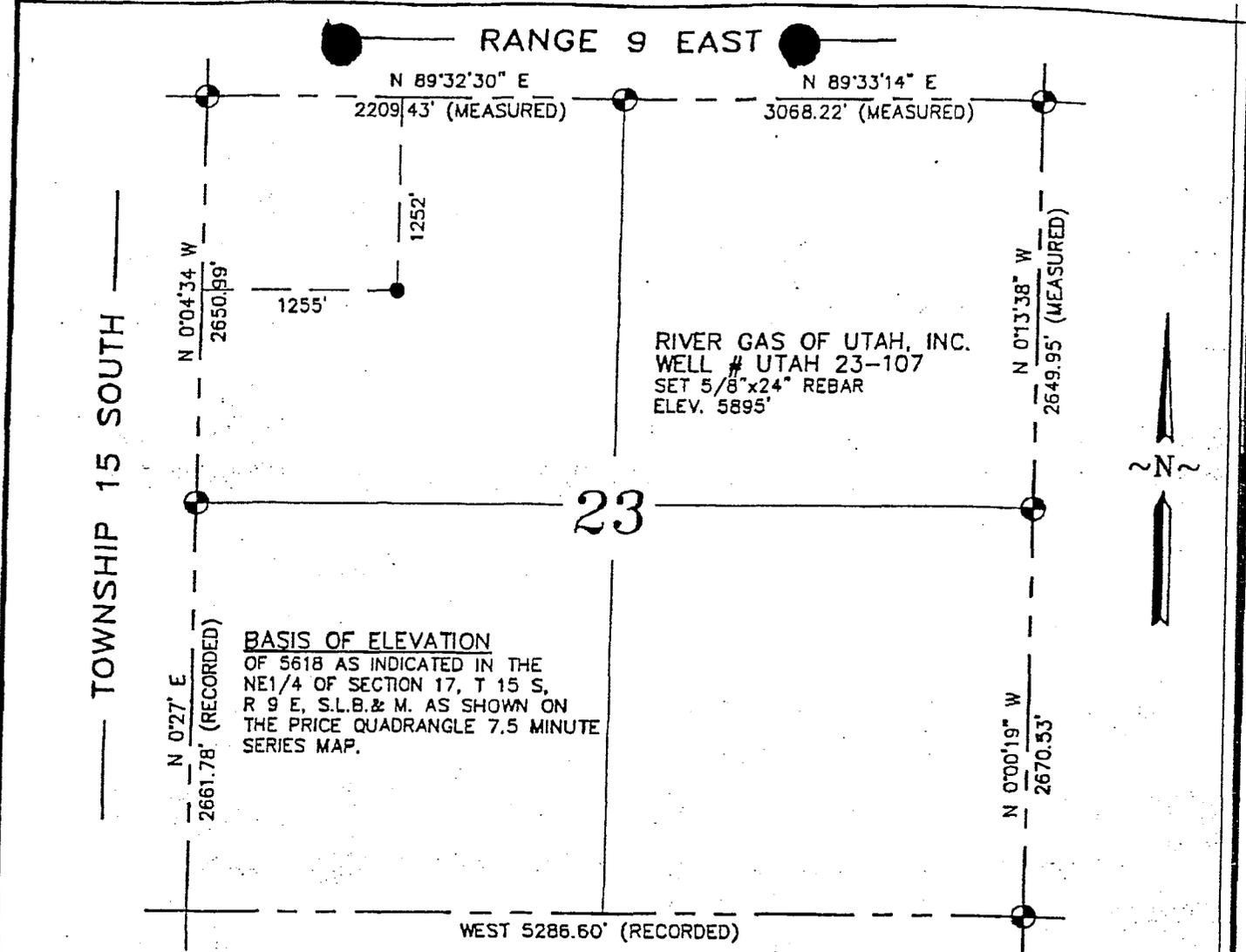
*Evan E. Hansen*  
 EVAN E. HANSEN

DATE 4-15-95

DATE REVISED: 4-15-95

NW1/4 NW1/4 SEC. 23, T 15 S, R 9 E, S.L.B. & M.		
<b>Empire Engineering</b> 1665 E. Sogewood Rd. Price, Utah 84501		
<b>RIVER GAS CORPORATION</b> WELL # UTAH 23-107		
Drawn By: THK	Approved By: EEH	Drawing No. EEOG-95-24
Date: 3-25-95	Scale: 1"=1000'	SHEET 1 OF 2

C:\MPRE\RIVERGAS\PC-8374 03/25/95 21:25



RIVER GAS OF UTAH, INC.  
 WELL # UTAH 23-107  
 SET 5/8"x24" REBAR  
 ELEV. 5895'

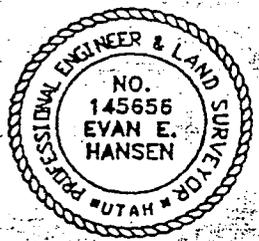
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*Evan E. Hansen*  
 EVAN E. HANSEN  
 DATE 4-15-95

DATE REVISED: 4-15-95

NW1/4 NW1/4 SEC. 23, T 15 S, R 9 E, S.L.B. & M.

**Empire Engineering**

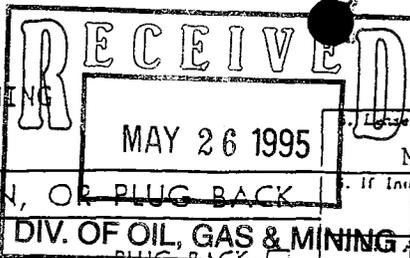
1665 E. Sogewood Rd. Price, Utah 84501

RIVER GAS CORPORATION  
 WELL # UTAH 23-107

Drawn By: THK	Approved By: EEH	Drawing No. EEOG-95-24
Date: 3-25-95	Scale: 1"=1000'	SHEET 1 OF 2

C:\D:\RIVERGAS\PC-9514 03/25/95 21:25

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING



L. Lease Designation and Serial No.  
ML-45691  
M. If Indian, Allottee or Tribe Name

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 Coalbed Methane  Single Zone  Multiple Zone

Agreement Name  
N/A

2. Name of Operator  
River Gas Corporation

3. Farm or Lease Name  
Utah

3. Address of Operator  
511 Energy Center Boulevard Northport, Al. 35476

4. Well No.  
23-107

4. Location of Well (Report location clearly and in accordance with any State requirements.)  
At surface 1255' FWL, 1252' FNL Sec. 23, T15S, R09E  
At proposed prod. zone same

10. Field and Pool, or Wellnet  
Wildcat

11. 09, Sec., T., R., M., or Six.  
and Survey or Area  
NW/NW Sec. 23, T15S, R09E

14. Distance in miles and direction from nearest town or post office\*  
6.5 miles southwest of Price, Ut.

12. County or Parrish  
Carbon

13. State  
Ut.

15. Distance from proposed\* location to nearest property or lease line, ft. (Also to nearest drig. line, if any)  
16. No. of acres in lease  
1120

17. No. of acres assigned to this well  
160

18. Distance from proposed location\* to nearest well, drilling, completed, or applied for, on this lease, ft.  
2600'

20. Rotary or cable tools  
Rotary

21. Elevations (Show whether DP, RT, GR, etc.)  
5895' GR surveyed

22. Approx. date work will start\*  
July 1, 1995

PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
11"	8-5/8"	24#	300'	110 sx
7-7/8"	5-1/2"	17#	2570'	265 sx

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.

I hereby certify that this report is true and complete to the best of my knowledge.  
Signed Terry D. Burns Geologist Date MAY 9, 1995

(This space for Federal or State office use)

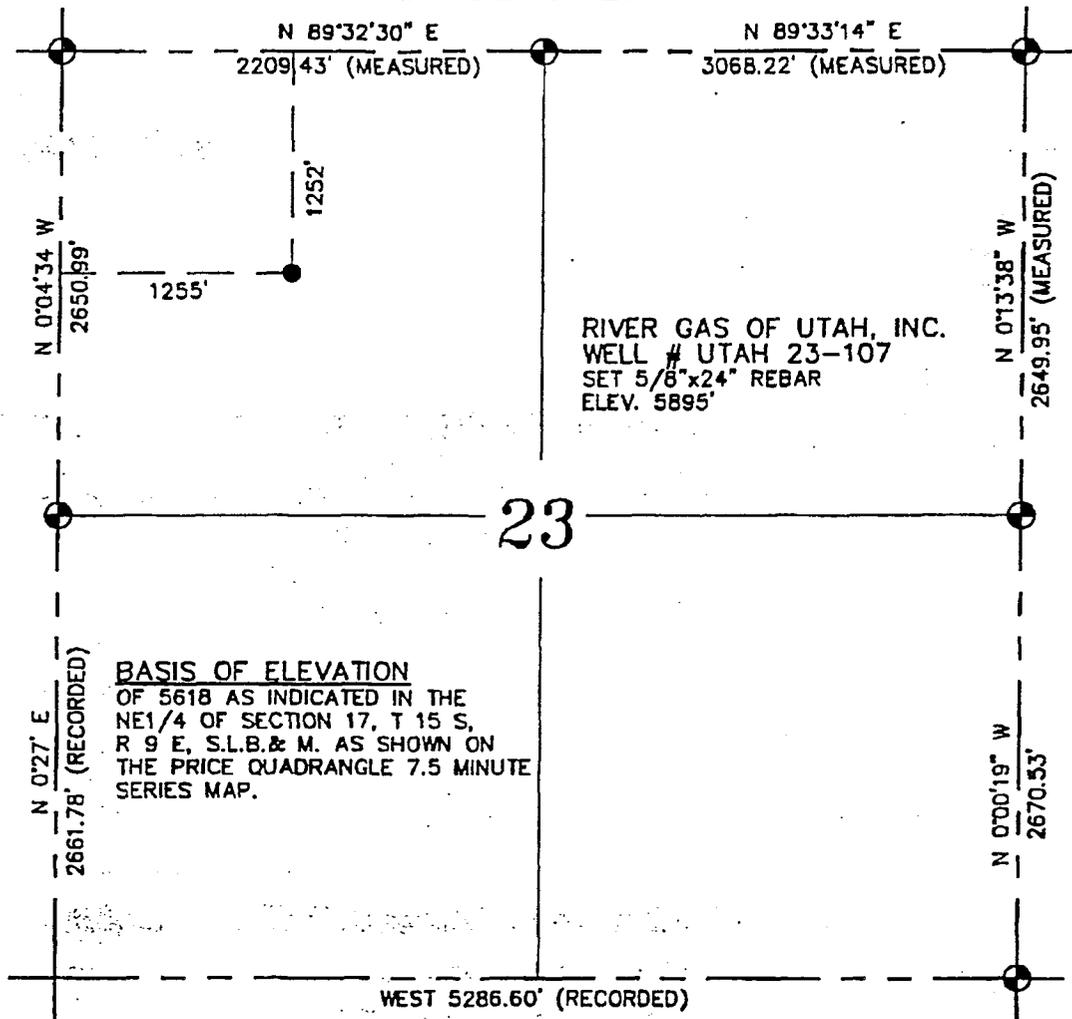
Approved by **ACCEPTED** Branch of Fluid Minerals Moab District Date MAY 18 1995

\*See Instructions On Reverse Side

Down

# RANGE 9 EAST

TOWNSHIP 15 SOUTH



RIVER GAS OF UTAH, INC.  
WELL # UTAH 23-107  
SET 5/8"x24" REBAR  
ELEV. 5895'

**BASIS OF ELEVATION**  
OF 5618 AS INDICATED IN THE  
NE 1/4 OF SECTION 17, T 15 S,  
R 9 E, S.L.B. & M. AS SHOWN ON  
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SERIES MAP.

### LEGEND

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*Evan E. Hansen*  
EVAN E. HANSEN

4-15-95  
DATE  
DATE REVISED: 4-15-95

NW 1/4 NW 1/4 SEC. 23, T 15 S, R 9 E, S.L.B. & M.

**Empire Engineering**

1665 E. Sogewood Rd. Price, Utah 84501

RIVER GAS CORPORATION  
WELL # UTAH 23-107

Drawn By: THK	Approved By: EEH	Drawing No. EEOG-95-24
Date: 3-25-95	Scale: 1"=1000'	SHEET 1 OF 2

STATE OF UTAH  
DIVISION OF OIL, GAS & MINING (OGM)  
ON-SITE PREDRILL EVALUATION AND REVIEW

OPERATOR: River Gas Corporation

WELL NO: Utah 23 - 107 LEASE NO: ML - 45691

API NUMBER: 43 - 007 - 30281 LEASE TYPE: STATE Y FEE     

PROPOSED LOCATION: CONFIDENTIAL

SURFACE: 1252 FNL 1255 FWL

SURFACE: QTR/QTR: NW/NW SEC: 23 TWP: 15 S RNG: 9 E

BOTTOM HOLE: Same as Above

BOTTOM HOLE: QTR/QTR:      SEC:      TWP:      RNG:     

COUNTY: CARBON FIELD: CODE/NAME: (002) Undesignated

GPS COORDINATES: 4373156 N 509853 E

SURFACE OWNER: State of Utah SURFACE AGREEMENT (Y/N): Y

LOCATION AND SITING:

Y Plat      R649-2-3. Unit:     

Y Bond Sta Y Fee           R649-3-2. General

Number: Letter of credit Y R649-3-3. Exception

N Potash (Y/N)      UCA 40-6-6. Drilling Unit

N Oil Shale (Y/N) Cause No:     

Y Water Permit City of Price Date:     

N RDCC Review     

ARCHEOLOGICAL AND PALEONTOLOGY SURVEY RECEIVED: (Y/N) No

SITE PROBLEMS:

Onsite Participants: Steve Prince, Larry Jensen-River Gas Corp.  
Jim Thompson, Dan Jarvis-DOGM

Regional Setting/Topography: Northwest flank of the San Rafael Swell and east of the central Utah thrust belt. Mancos badlands with overlying sandstone cliffs of Mesa Verde formation. The area is dominated by rolling hill lowlands, steep sided moderately incised gullies, and well defined sandstone cliffs.

**DRILLING PROGRAM:**

1. Surface Formation and Estimated Tops/Geologic Markers

<u>Mancos Shale</u>	<u>Surface</u>	<u>- 2180'</u>
<u>Blue Gate/Ferron SS</u>	<u>2180'</u>	<u>- 2430</u>
<u>Ferron/Tununk Shale</u>	<u>2430'</u>	<u>- 2600'</u>
<u>T.D.</u>	<u>2600'</u>	

2. Estimated Depths of Anticipated Water, Oil, Gas or other Mineral Bearing Zones

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
<u>Oil/Gas</u>	<u>Blue Gate/Ferron</u>	<u>2180 - 2320'</u>
<u>Oil</u>		
<u>Water</u>	<u>Blue Gate/Ferron</u>	<u>2180 - 2320'</u>
<u>Other</u>		

All fresh water sands encountered during drilling shall be recorded and reported to the Division on Form 7.

3. Well Control Equipment & Testing Procedures  
Double Gate 3000 PSI BOPE tested to 2100 PSI.  
See Attached Diagram.

4. Proposed Casing and Cementing Program
- |              |               |              |                                    |
|--------------|---------------|--------------|------------------------------------|
| <u>8 5/8</u> | <u>24#/FT</u> | <u>300'</u>  | <u>110 SX CLASS G NEAT 2% CaCl</u> |
| <u>5 1/2</u> | <u>17#/FT</u> | <u>2570'</u> | <u>200 SX 50/50 POS LEAD</u>       |
|              |               |              | <u>65 SX RFC TAIL</u>              |
- ALL CEMENT WILL HAVE A 15.8 LB/GAL WEIGHT

5. Mud Program and Circulating Medium - include mud components and weights, when drilling with air also include length and location of blooie line
- |                    |   |
|--------------------|---|
| <u>0 - 300'</u>    | <u>Air or air mist, natural mud if necessary.</u> |
| <u>300 - 2600'</u> | <u>Air of air mist @ 400 PSI 1500 - 1800 CFM.</u> |

6. Coring, Logging, and Testing Program  
No cores will be taken from this well.

0 - 300' Gamma Ray  
300 - 2600' Gamma Ray, Density, Porosity, Induction

7. Abnormal Conditions, Bottom Hole Pressures and Potential Hazards, also list anticipated lost circulation zones, abnormal temperature zones and possible hydrogen sulfide bearing zones  
Bottom hole pressure will be about 1100 PSI.

No other hazards are expected.

**SURFACE USE PLAN:**

Current Surface Use: Rangeland, wildlife habitat.

Proposed Surface Disturbance: The location pad will be 200' X 265' including the pit. The drill site will be rotated 180 degrees to avoid a major drainage to the east, the proposed location would not have fit as surveyed. A low water crossing will be installed at the first major drainage accessing the location from the north. Two major drainages were observed. The drainage on the east side of the location will be diverted around the southeast side of the location. The west drainage will not be disturbed.

1. Existing Roads

Main surface roads to the location are state road 10.  
An extension of the field road from the 14-64 well will be constructed to this location.

2. Planned Access Roads - include length of new road, length of existing road to be upgraded, maximum disturbed and travel surface widths, maximum grades, turnouts, surface materials, drainage, cattleguards  
A new road will be constructed about 2200 feet from the field road to the location. Access to the location will be from the east.

3. Location of existing wells within one-mile radius of proposed location, include water, injection, producing, drilling with present status of each well  
See the attached map included with the APD.  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
4. Location of Production Facilities and Pipelines  
If this well is productive the pipeline will follow the existing and proposed roads and field production facilities already in place.  
\_\_\_\_\_
5. Location and Type of Water Supply (include Division of Water Rights approval or identifying number)  
Water will be purchased from an existing agreement with the City of Price  
\_\_\_\_\_  
\_\_\_\_\_
6. Source of Construction Material  
Natural soils and spoil from the construction of the pad will be used. Extra material and top soil will be balanced in the construction of the pad.  
\_\_\_\_\_
7. Waste Management Plan  
All of the drill cuttings will be diverted to the pit along with all the drilling fluids generated while drilling. The cuttings will be buried after the pit is dry. A chemical toilet and trash basket will be used for human and other solid wastes.  
\_\_\_\_\_
8. Ancillary Facilities  
None.  
\_\_\_\_\_  
\_\_\_\_\_
9. Well Site Layout  
See the attachment in the APD.  
\_\_\_\_\_  
\_\_\_\_\_
10. Surface Restoration Plans  
Unless otherwise agreed to the surface will be  
\_\_\_\_\_

10. Surface Restoration Plans

Unless otherwise agreed to the surface will be restored to the condition as found and all cuts slopes and drainages will be re-established. The vegetation seed mixtures and methods of planting will follow the standards that are current at the time of abandonment

**ENVIRONMENTAL PARAMETERS:**

Affected Floodplain and/or Wetlands:

Is a 404 dredge and fill permit required? (Any activity which will change the bottom elevation of the "waters of the United States" including wetlands, natural and artificially created waters, and even some drainages may require a permit from the Army Corps of Engineers) None required.

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Flora/Fauna:

Briefly describe the flora found on the proposed site and the fauna evidenced or sighted on or near the proposed location. This area serves as a minor deer and elk winter range. Some raptor species, coyote, rabbits, lizards, cattle, snakes. The vegetation is Upper Sonoran Transitional Flora and Fauna with a dominance of sagebrush and various types of grasses.

**SURFACE GEOLOGY**

Soil Type and Characteristics: The soils are made up of decomposed clays and sands of the Mancos Shale and the overlying Mesa Verde sandstone cliffs.

Surface Formation & Characteristics: Light tan clay and sand about 75% clay and 25% other. Very low porosity due to the clay content but may have low to medium permeability due to the fractures and surface jointing in places.

Erosion/Sedimentation/Stability: This area is not highly active with water or erosion from runoff. There are many small drainages that exist and runoff is of a sheeting nature that is active during thunder storms or high water cycles.

Paleontological Potential Observed: No

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RESERVE PIT

Characteristics: The reserve pit will be 50' x 50' x 10'  
and will be included as part of the pad. The reserve pit  
will be constructed into a knoll and a ditch will be  
constructed to divert any runoff into the west drainage.

Lining (Site ranking form attached): A pit liner will not be  
required.

OTHER OBSERVATIONS

Cultural Resources/Archaeology (if proposed location is on State  
land, has an archaeology clearance been obtained?): Arch study  
has been completed, but not submitted to DOGM.

Comments:

J. Thompson/D. Jarvis

6/15/95

OGM Representative

Date and Time

**STATEMENTS OF BASIS**

OGM Review of Application for Permit to Drill (APD)

**ENGINEERING/LOCATION and SITING:**

The proposed location meets the location and siting requirements R649-3-3. The application and proposed casing and drilling plan appear to be consistent with accepted industry standards of practice and sound engineering design. A casing design safety check is attached. Blow out prevention monitoring/contingency plans are adequate.

Signature: F. R. Matthews Date: 6/20/95

**GEOLOGY/GROUND WATER:**

There are no usdw's in the area. The proposed casing and cement program will adequately protect any deeper water.

Signature D. Jarvis Date 6-19-95

**SURFACE:**

The onsite investigation was conducted on 6/13/95. The Division met with representatives from River Gas Corp. The location construction was discussed, it was decided at this time that the site would have to rotated to accommodate the location. Empire Engineering surveyed the proposed location and a location plat was provided. A pit evaluation was conducted, and it was determined the pit will not require a liner. Construction of the location should cause no adverse environmental issues.

Signature J. Thompson/D. Jarvis Date 6/15/95

**STIPULATIONS for APD Approval:**

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

**ATTACHMENTS:**

\_\_\_\_\_

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

Site-Specific Factors	Ranking Score	Final Ranking Score
<p>Distance to Groundwater (feet)</p> <p>&gt;200 100 to 200 75 to 100 25 to 75 &lt;25 or recharge area</p>	<p>0 5 10 15 20</p>	<p>0</p>
<p>Distance to Surf. Water (feet)</p> <p>&gt;1000 300 to 1000 200 to 300 100 to 200 &lt; 100</p>	<p>0 2 10 15 20</p>	<p>0</p>
<p>Distance to Nearest Municipal Well (feet)</p> <p>&gt;5280 1320 to 5280 500 to 1320 &lt;500</p>	<p>0 5 10 20</p>	<p>0</p>
<p>Distance to Other Wells (feet)</p> <p>&gt;1320 300 to 1320 &lt;300</p>	<p>0 10 20</p>	<p>0</p>
<p>Native Soil Type</p> <p>Low permeability Mod. permeability High permeability</p>	<p>0 10 20</p>	<p>10</p>
<p>Fluid Type</p> <p>Air/mist Fresh Water TDS &gt;5000 and &lt;10000 TDS &gt;10000 or Oil Base Mud</p> <p>Fluid containing significant levels of hazardous constituents</p>	<p>0 5 10 15 20</p>	<p>0</p>

Drill Cuttings Normal Rock Salt or detrimental	0 10	0
Annual Precipitation (inches)  <10 10 to 20 >20	0 5 10	2
Affected Populations  <10 10 to 30 30 to 50 >50	0 6 8 10	0
Presence of Nearby Utility Conduits  Not Present Unknown Present	0 10 15	0
Final Score		12

The summation of all of the above ranking scores will yield one value which shall be used to determine the appropriate type of containment, on a case-by-case basis. The sensitivity levels are as follows:

- Level I Sensitivity: For scores totaling  $\geq 20$
- Level II Sensitivity: For scores totaling 15 to 19
- Level III Sensitivity: For scores totaling  $< 15$

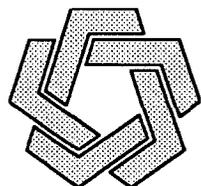
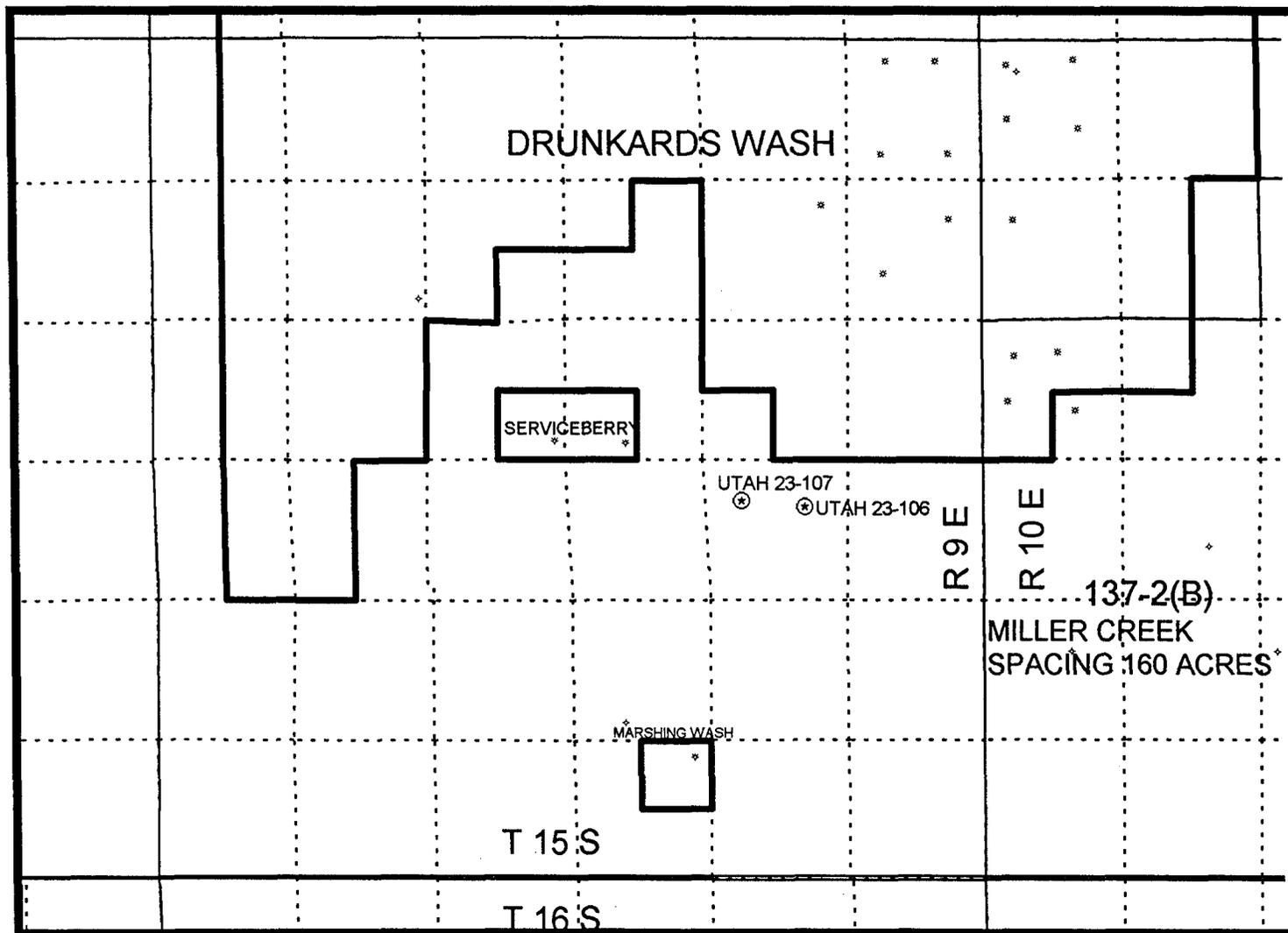
**Containment Requirements According to Sensitivity Level**

- Level I: Requires total containment by synthetic liner, concrete structure or other type of total containment structure or material.
- Level II: Bentonite or other compatible lining is discretionary depending on the fluid to be contained and environmental sensitivity.
- Level III: No specific lining requirements.

OTHER GUIDELINES FOR PITS

1. Unlined pits shall not be constructed on areas of fill materials.
2. A pit shall not be constructed in a drainage or floodplain of flowing or intermittent streams.
3. Synthetic liners used for lining reserve pits, shall be of 12 mil thickness or greater and shall be compatible with the fluid to be contained. Synthetic liners used for lining onsite pits with a longer expected life shall be a minimum of 30 mil thickness or as approved by the Division.
4. Synthetic liners shall be installed over smooth fill material which is free of pockets, loose rocks or other materials which could damage the liner.
5. Monitoring systems for pits or closed mud systems may be required for drilling in sensitive areas.

RIVER GAS CORP.  
SEC. 23, T 15 S, R 9 E  
CARBON COUNTY NO SPACING



**STATE OF UTAH**

<b>Operator: RIVER GAS CORPORATION</b>	<b>Well Name: UTAH 23-107</b>
<b>Project ID: 43-007-30281</b>	<b>Location: SEC. 23 - T15S - R09E</b>

Design Parameters:

Mud weight ( 8.13 ppg) : 0.422 psi/ft  
 Shut in surface pressure : 1032 psi  
 Internal gradient (burst) : 0.025 psi/ft  
 Annular gradient (burst) : 0.000 psi/ft  
 Tensile load is determined using buoyed weight  
 Service rating is "Sweet"

Design Factors:

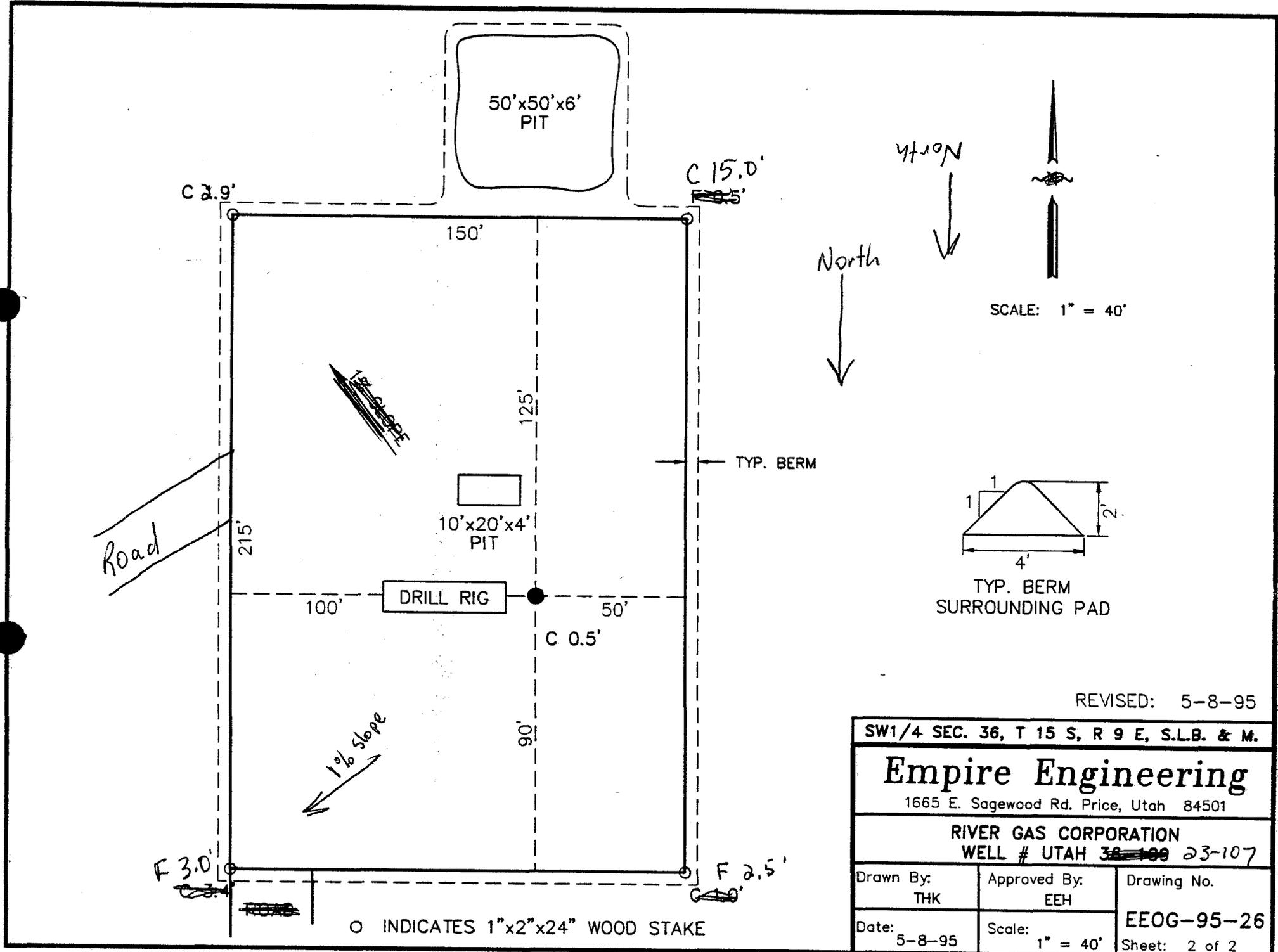
Collapse : 1.125  
 Burst : 1.00  
 8 Round : 1.80 (J)  
 Buttress : 1.60 (J)  
 Other : 1.50 (J)  
 Body Yield : 1.50 (B)

Length (feet)	Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost
1	2,600	5.500	17.00	WC-75	LT&C	2,600	4.892
	Collapse Load Strgth S.F. (psi) (psi)		Burst Load Strgth (psi)	Min Int Strgth (psi)	Yield S.F.	Tension Load Strgth S.F. (kips) (kips)	
1	1098	6040	5.501	1098	7300	6.65	38.71 327 8.45 J

Prepared by : MATTHEWS, Salt Lake City, UT  
 Date : 06-21-1995  
 Remarks :

Minimum segment length for the 2,600 foot well is 1,000 feet.  
 SICP is based on the ideal gas law, a gas gravity of 0.69, and a mean gas temperature of 87°F (Surface 74°F , BHT 100°F & temp. gradient 1.000°/100 ft.)  
 The mud gradient and bottom hole pressures (for burst) are 0.422 psi/ft and 1,098 psi, respectively.

**NOTE:** The design factors used in this casing string design are as shown above. As a general guideline, Lone Star Steel recommends using minimum design factors of 1.125 - Collapse (with evacuated casing), 1.0 - Burst, 1.8 - 8 Round Tension, 1.6 - Buttress Tension, and 1.5 - Body Yield. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and Kemler curve. Engineering responsibility for use of this design will be that of the purchaser. Costs for this design are based on a 1987 pricing model. (Version 1.06)



REVISED: 5-8-95

SW1/4 SEC. 36, T 15 S, R 9 E, S.L.B. & M.

**Empire Engineering**

1665 E. Sagewood Rd. Price, Utah 84501

RIVER GAS CORPORATION

WELL # UTAH ~~36-100~~ 23-107

Drawn By:  
THK

Approved By:  
EEH

Drawing No.

Date:  
5-8-95

Scale:  
1" = 40'

EEOG-95-26

Sheet: 2 of 2

○ INDICATES 1"x2"x24" WOOD STAKE



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

Michael O. Leavitt  
Governor

Ted Stewart  
Executive Director

James W. Carter  
Division Director

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340  
801-359-3940 (Fax)  
801-538-5319 (TDD)

June 21, 1995

River Gas Corporation  
511 Energy Center Blvd.  
Northport, Alabama 35476

Re: Utah #23-107 Well, 1252' FNL, 1255' FWL, NW NW, Sec. 23, T. 15 S., R. 9 E.,  
Carbon County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-007-30281.

Sincerely,

R. J. Firth  
Associate Director

ldc

Enclosures

cc: Carbon County Assessor

Bureau of Land Management, Salt Lake District Office

WAPD



Operator: River Gas Corporation

Well Name & Number: Utah #23-107

API Number: 43-007-30281

Lease: State ML-45691

Location: NW NW Sec. 23 T. 15 S. R. 9 E.

### Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jimmie Thompson at (801)538-5340.

Notify the Division prior to commencing operations to plug and abandon the well. Contact Frank Matthews or Mike Hebertson at (801)538-5340.

3. Reporting Requirements

All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

CONFIDENTIAL

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: RIVER GAS CORP.

Well Name: UTAH 23-107

Api No. 43-007-30281

Section 23 Township 15S Range 9E County CARBON

Drilling Contractor PENSE BROS

Rig # 11

SPUDDED: Date 9/7/95

Time 5:30 AM

How ROTARY

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

Reported by GREG MEULLER

Telephone # \_\_\_\_\_

Date: 9/7/95 Signed: JLT

OPERATOR RIVER GAS CORPORATION  
ADDRESS 511 ENERGY CENTER BLVD  
NORTHPORT, AL 35476

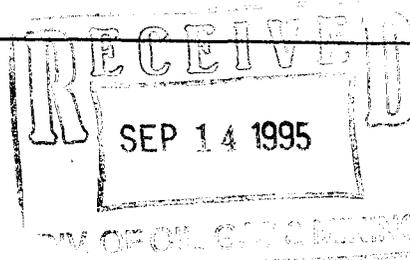
OPERATOR ACCT. NO. 11605

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	11815	4300730281	UTAH 23-107	NW/NW	23	15S	9E	CARBON	9/7/95	
WELL 1 COMMENTS:											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

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

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



Dennis Plowman  
Signature DENNIS PLOWMAN  
RESERVOIR TECHNICIAN 09/08/95  
Title Date  
Phone No. (205) 759-3282

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

RECEIVED  
SEP 14 1995

6. Lease Designation and Serial Number

ML 45691

7. Indian Allottee or Tribe Name

N/A

8. Unit or Communitization Agreement

N/A

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. Type of Well

Oil Well  Gas Well  Other (specify) COALBED METHANE

9. Well Name and Number

UTAH 23-107

2. Name of Operator

RIVER GAS CORPORATION

10. API Well Number

43-007-30281

3. Address of Operator

511 ENERGY CENTER BLVD NORTHPORT, AL 35476

4. Telephone Number

(205) 759-3282

11. Field and Pool, or Wildcat

5. Location of Well

Footage : 1252' FNL & 1255' FWL  
Qq, Sec. T., R., M. : NW/NW, SEC 23, T15S, R9E

County : CARBON  
State : UTAH

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

NOTICE OF INTENT  
(Submit in Duplicate)

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

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

SUBSEQUENT REPORT  
(Submit Original Form Only)

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

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

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

\* Must be accompanied by a cement verification report.

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

SEE ATTACHED

CONFIDENTIAL

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

Name & Signature DENNIS PLOWMAN *Dennis Plowman*

Title RESERVOIR TECHNICIAN

Date 9/8/95

(State Use Only)

DAILY WELL REPORT

RIVER GAS CORPORATION

UTAH 23-107

1252' FNL & 1255' FWL

NW/4 OF NW/4, SEC 23, T15S, R09E

CARBON COUNTY, UTAH

SURVEYED ELEVATION: 5895'

API #: 43-007-30281

DRILLING CONTRACTOR: PENSE BROS. DRILLING COMPANY

PAGE 1

09/07/95

Day 1. Present Operation: RU to drill surface.  
Current Depth: 21'. Depth drilled in 24 hrs: 21'.  
Drilling fluid: Air, 250PSI, & 1700 cfm. drilled  
0' to 21' w/#1 14-3/4" Tricone bit in 1 hr. Set 1  
jnt 12-3/4" P.E. conductor csg @ 21' in 14-3/4"  
conductor borehole.

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

6. Lease Designation and Serial Number

ML 45691

Indian Allottee or Tribe Name

N/A

8. Unit or Communitization Agreement

N/A

Well Name and Number

UTAH 23-107

10. API Well Number

43-007-30281

11. Field and Pool, or Wildcat

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Use APPLICATION FOR PERMIT for such proposals.

DIV. OF OIL, GAS & MINING

1. Type of Well

- Oil Well
- Gas Well
- Other (specify)

COALBED METHANE

2. Name of Operator

RIVER GAS CORPORATION

3. Address of Operator

511 ENERGY CENTER BLVD NORTHPORT, AL 35476

4. Telephone Number

(205) 759-3282

5. Location of Well

Footage : 1252' FNL & 1255' FWL  
QQ, Sec. T., R., M. : NW/NW, SEC 23, T15S, R9E

County : CARBON  
State : UTAH

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

NOTICE OF INTENT  
(Submit in Duplicate)

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- Fracture Treat
- Multiple Completion
- Other
- New Construction
- Pull or Alter Casing
- Recompletion
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

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

SUBSEQUENT REPORT  
(Submit Original Form Only)

- Abandonment \*
- Casing Repair
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- Conversion to Injection
- Fracture Treat
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- Water Shut-Off

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

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

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SEE ATTACHED

CONFIDENTIAL

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

Name & Signature DENNIS PLOWMAN *Dennis Plowman*

Title RESERVOIR TECHNICIAN Date 9/15/95

(State Use Only)

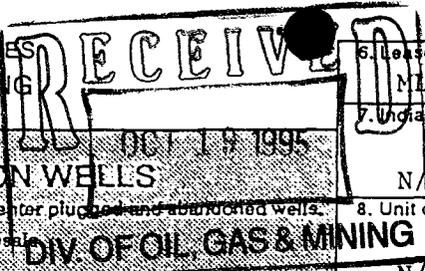
DAILY WELL REPORT

RIVER GAS CORPORATION  
UTAH 23-107  
1252' FNL & 1255' FWL  
NW/4 OF NW/4, SEC 23, T15S, R09E  
CARBON COUNTY, UTAH  
SURVEYED ELEVATION: 5895'  
API #: 43-007-30281  
DRILLING CONTRACTOR: PENSE BROS. DRILLING COMPANY

PAGE 1

- 09/07/95 Day 1. Present Operation: RU to drill surface. Current Depth: 21'. Depth drilled in 24 hrs: 21'. Drilling fluid: Air, 250PSI, & 1700 cfm. drilled 0' to 21' w/#1 14-3/4" Tricone bit in 1 hr. Set 1 jnt 12-3/4" P.E. conductor csg @ 21' in 14-3/4" conductor borehole. [REDACTED]
- 09/08/95 Day 2. Present Operation: Drilling. Current Depth: 890'. Depth drilled in 24 hrs: 869'. Drilling fluid: Air, 350PSI, & 1700 cfm. drilled 21' to 343' w/#2 11" Hammer bit in 4 hrs. drilled 343' w/#3 7-7/8" Hammer bit in 3 hrs. Total rotating hrs: 8. Set 10 jnts 8-5/8" surface csg @ 313.6' in 11" surface borehole using 135 sks Class G + 2% S-1 + 1/4#/sk D-29. [REDACTED]
- 09/11/95 Day 3. Present Operation: Logging. Current Depth: 2580'. Depth drilled in 24 hrs: 1690'. Drilling fluid: Air, 350PSI, & 1700 cfm. drilled 343' to 2580' w/#3 7-7/8" Hammer bit in 17 hrs. Total rotating hrs: 25. TD 10:00pm 9/8/95, 2580'. Ran density, gamma, caliper etc. logs. [REDACTED]
- 09/11/95 Day 4. Present Operation: Done-Rig Released. Depth: 2580'. Set 60 jnts 5-1/2" production csg @ 2560.67' in 7-7/8" production borehole using 190 sks 50/50 POZ G + 8% D-20 + 10% D-44 + 2% S-1 & 102 sks 10-1 RFC. [REDACTED]

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



5. Lease Designation and Serial Number  
ML 45691  
7. Indian Allottee or Tribe Name  
N/A

SUNDRY NOTICES AND REPORTS ON WELLS

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

8. Unit or Communitization Agreement  
N/A

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

9. Well Name and Number  
UTAH 23-107

2. Name of Operator  
RIVER GAS CORPORATION

10. API Well Number  
43-007-30281

3. Address of Operator  
511 ENERGY CENTER BLVD NORTHPORT, AL 35476

4. Telephone Number  
(205) 759-3282

11. Field and Pool, or Wildcat

5. Location of Well  
Footage : 1252' FNL & 1255' FWL  
CO, Sec. T., R., M. : NW/NW, SEC 23, T15S, R9E

County : CARBON  
State : UTAH

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

NOTICE OF INTENT  
(Submit in Duplicate)

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

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

SUBSEQUENT REPORT  
(Submit Original Form Only)

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

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

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

\* Must be accompanied by a cement verification report.

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

SEE ATTACHED

CONFIDENTIAL  
CONFIDENTIAL

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

Name & Signature DENNIS PLOWMAN *Dennis Plowman*

Title RESERVOIR TECHNICIAN Date 10/13/95

(State Use Only)

DAILY WELL REPORT

RIVER GAS CORPORATION  
UTAH 23-107  
1252' FNL & 1255' FWL  
NW/4 OF NW/4, SEC 23, T15S, R09E  
CARBON COUNTY, UTAH  
SURVEYED ELEVATION: 5895'  
API #: 43-007-30281  
DRILLING CONTRACTOR: PENSE BROS. DRILLING COMPANY

PAGE 1

- 09/07/95 Day 1. Present Operation: RU to drill surface. Current Depth: 21'. Depth drilled in 24 hrs: 21'. Drilling fluid: Air, 250PSI, & 1700 cfm. drilled 0' to 21' w/#1 14-3/4" Tricone bit in 1 hr. Set 1 jnt 12-3/4" P.E. conductor csg @ 21' in 14-3/4" conductor borehole. [REDACTED]
- 09/08/95 Day 2. Present Operation: Drilling. Current Depth: 890'. Depth drilled in 24 hrs: 869'. Drilling fluid: Air, 350PSI, & 1700 cfm. drilled 21' to 343' w/#2 11" Hammer bit in 4 hrs. drilled 343' w/#3 7-7/8" Hammer bit in 3 hrs. Total rotating hrs: 8. Set 10 jnts 8-5/8" surface csg @ 313.6' in 11" surface borehole using 135 sks Class G + 2% S-1 + 1/4#/sk D-29. [REDACTED]
- 09/11/95 Day 3. Present Operation: Logging. Current Depth: 2580'. Depth drilled in 24 hrs: 1690'. Drilling fluid: Air, 350PSI, & 1700 cfm. drilled 343' to 2580' w/#3 7-7/8" Hammer bit in 17 hrs. Total rotating hrs: 25. TD 10:00pm 9/8/95, 2580'. Ran density, gamma, caliper etc. logs. [REDACTED]
- 09/11/95 Day 4. Present Operation: Done-Rig Released. Depth: 2580'. Set 60 jnts 5-1/2" production csg @ 2560.67' in 7-7/8" production borehole using 190 sks 50/50 POZ G + 8% D-20 + 10% D-44 + 2% S-1 & 102 sks 10-1 RFC. [REDACTED]
- 10/9/95 Frac Job Completed by Mitch Mitchell & BJ Services 10/4/95. SEE ATTACHED. [REDACTED]

RIVER GAS CORPORATION  
UTAH 23-107  
1252' FNL & 1255' FWL  
NW/4 OF NW/4, SEC 23, T15S, R09E  
CARBON COUNTY, UTAH  
SURVEYED ELEVATION: 5895'  
API #: 43-007-30281  
DRILLING CONTRACTOR: PENSE BROS. DRILLING COMPANY

PAGE 2

10/9/95

10/7/95-RU Ross's & floor. PU & RIH w/4-3/4" mill  
x.o. 6-3 1/8" DC's x.o. 6' jnts TBG PU P.S., NU  
S.H., & HU pump lines. Tagged top plug & drill out  
@ 2238'. drill DN w/2 jnt TBG, tagged 2 nd plug &  
drilled out @ 2285', drill DN w/8 jnt TBG + 23' to  
2559' T.D. Circulate Well clean. LD P.S., ND S.H.  
POOH w/78 jhnts TBG x.o. 6-3 1/8" DC's x.o. 4-3/4"  
mill. RIH w/taped bull plug 1 jnt TBG/ 4' TBG perf  
sub. S.N. 78 jnts TBG. MU hanger & Land TBG w/SN @  
2393'. RD floor, ND BOP, & NU wellhead. SDFN.

[REDACTED] RU swab & swab TBG, fluid level when  
started was @ surface & @ 400' after 15 swab runs.  
recovered a total of 150 bbls. RD Lubricator.  
Change over to Rod equip. PU & RIH w/2-1/2" x 2"  
x14' 3 cup top rod pump, 59-3/4" rods, 37-7/8"  
rods, 3-6'- 7/8" pony rods, & 1-1/4 x 22' polish  
rod. space out and clamp rods off. RD service  
unit. [REDACTED]



WELL NAME & #: UTAH -107  
 ZONE: 2-Middle

DATE: 10/05/95  
 PLUG SET: 2285'

PERFS @: 2242'-48', 2252'-56', 2268'-70'  
 2274'-78'

FLUSH: 52 Bbls.

BREAKDOWN:

PIPE WT. & SIZE: 17# 5 1/2

JOB TYPE: 30# Linear Gel

CONTRACTOR: BJ SERVICES

STAGE	FLUID RATE BPM	N2 RATE CFPM	FOAM BPM	PSI	SAND #/GAL.	SAND SIZE	FLUID PER/STAGE
Acid w/Balls	6.0			1460			8 bbls
Ball Out	20.0			2900			54 bbls
Pad	45.0			2900	.5#	20/40	120 bbls
Frac	60.8			2890	1-4#	20/40	360 bbls
Frac	71.0			3040	4-6#	12/20	425 bbls
Flush	63.0			3100			52 bbls

PRE 2100 PRE 1.34 TOTAL SAND: 40,000 20/40-90,000 12/20

ISIP: 2200 FG: 1.41 N2 VOL. 5 MIN ISIP:  
 FLUID VOLUME: 979 Bbls. 10 MIN ISIP:  
 1058 w/ Breakdown 15 MIN ISIP:

FOAM VOLUME:  
 AVG RATE: 64 BPM AVG PSI: 3000 PSI

COMMENTS: GOOD JOB!!!!



STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other Coalbed Methane

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

2. NAME OF OPERATOR  
River Gas Corporation (205) 759-3282

3. ADDRESS OF OPERATOR  
511 Energy Center Blvd. Northport, AL 35476 E J W E

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)  
At surface: 1252' FNL & 1255' FWL  
At top prod. interval reported below same  
At total depth same

5. LEASE DESIGNATION AND SERIAL NO.  
ML-45691

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

7. UNIT AGREEMENT NAME  
N/A

8. FARM OR LEASE NAME  
Utah

9. WELL NO.  
23-107

10. FIELD AND POOL OR WILDCAT

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
NW/NW, Sec 23, T15s, R9E

14. API NO. 43-007-30281 DATE ISSUED 06/21/95 12. COUNTY Carbon 13. STATE UT

15. DATE PRODUCED 09/07/95 DATE TESTED 09/08/95 DATE COMPL. (Ready to prod.) 11/22/95 (Plug & Abd.) 18. ELEVATIONS (DF, RES. ST. CR, ETC.) 5895' GR 19. ELEV. CASINGHEAD \_\_\_\_\_

20. TOTAL DEPTH, MD & TVD 2580 21. PLUG BACK T.D., MD & TVD \_\_\_\_\_ 22. IF MULTIPLE COMPL. HOW MANY \_\_\_\_\_ 23. INTERVALS DRILLED BY \_\_\_\_\_ ROTARY TOOLS to TD CABLE TOOLS \_\_\_\_\_

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)  
2204-07, 2220-26, 2228-32, 2242-48, 2252-56, 2268-70, 2274-78, 2293-95, 2311-15, 2321-24, 2354-58

25. WAS DIRECTIONAL SURVEY MADE  
NO

26. TYPE ELECTRIC AND OTHER LOGS RUN  
density, neutron, cement bond, gamma, dual induction

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

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
12-3/4"		21'	14-3/4"	conductor	
8-5/8"		313.6'	11"	135sx class G, 2% S-1, 1/4# lsk D-29	
5-1/2"			7-7/8"	190sx 50/50 8% D-20, 10% D-44, 2% S-1	
				102sx 10-1 RFC	

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	2393	

31. PERFORATION RECORD (Interval, size and number)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
1) 2204-07, 2220-26, 2228-32	1) 10,000# 20/40; 35,000# 12/20; 22,008 gal fluid
2) 2242-48, 2252-56, 2268-70, 2274-78	2) 40,000# 20/40; 90,000# 12/20; 41,118 gal fluid
3) 2293-95, 2311-15, 2321-24, 2354-58	3) 10,000# 20/40; 36,000# 12/20; 22,134 gal fluid

33. PRODUCTION

DATE FIRST PRODUCTION 11/22/95 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) \_\_\_\_\_ WELL STATUS (Producing or shut-in) Producing

DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD. FOR TEST PERIOD	OIL—BSL	GAS—MCF.	WATER—BSL	GAS-OIL RATIO
11/23/95	24	---	---	---	184	214	---

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL	GAS—MCF.	WATER—BSL	OIL GRAVITY-API (CORR.)
95	93	---	---	184	214	---

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold TEST WITNESSED BY Steve Prince

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 Dennis Plowman TITLE Reservoir Technician DATE 12/18/95

See Spaces for Additional Data on Reverse Side

## INSTRUCTIONS

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

ITEM 10: Indicate which elevation is used as reference for depth measurements given in other spaces on this form and on any attachments. ITEMS 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

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

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

37. SUMMARY OF POROUS ZONES:		38. GEOLOGIC MARKERS	
Formation	Top	Bottom	Description, contents, etc.
Ferron	2195	2324	Sandstone and coal
			Description, contents, etc.
			Name
			Heas. Depth
			True Vert. Depth
			Top
			2044
			Blue Gate Bentonite
			2113
			Lower Blue Gate Bentonite

OPERATOR River Gas Corporation  
ADDRESS 511 Energy Center Blvd.  
Northport, AL 35476

OPERATOR ACCT. NO. 11605

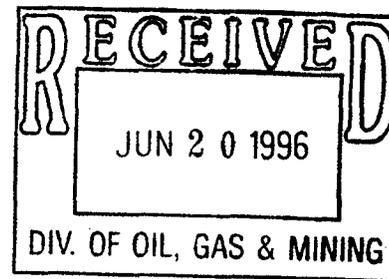
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
C	11815	11256	4300730281	Utah 23-107	NW/NW	23	15S	9E	Carbon		
WELL 1 COMMENTS: Ferron Coal Formation Participating Area "A", Drunkards Wash Unit UTU67921A, was expanded effective 10/01/95.											
C	11817	11256	4300730280	Utah 23-106	NW/NE	23	15S	9E	Carbon		
WELL 2 COMMENTS: Ferron Coal Formation Participating Area "A", Drunkards Wash Unit UTU67921A, was expanded effective 10/01/95.											
WELL 3 COMMENTS: <i>Entities added/changed 6-25-96. LJC</i>											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

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

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

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

(3/89)



Dennis Plowman *Dennis Plowman*  
Signature  
Reservoir Technician 6/17/96  
Title Date  
Phone No. (205) 759-3282

**COPY**

United States Department of the Interior



BUREAU OF LAND MANAGEMENT  
Utah State Office  
324 South State, Suite 301  
Salt Lake City, Utah 84111-2303

IN REPLY REFER TO:

RECEIVED MAY 28 1996

May 23, 1996

River Gas Corporation  
Attn: John Hollingshead  
511 Energy Center Blvd.  
Northport, Alabama 35476

Re: 3rd Revision of Ferron Coal Formation PA "A"  
Drunkards Wash Unit  
Carbon County, Utah

Gentlemen:

The 3rd Revision of the Ferron Coal Formation Participating Area "A", Drunkards Wash Unit, UTU67921A, is hereby approved effective as of October 1, 1995, pursuant to Section 11 of the Drunkards Wash Unit Agreement, Carbon County, Utah.

The 3rd Revision of the Ferron Coal Formation Participating Area "A" results in the addition of 2,401.41 acres to the participating area for a total of 14,044.07 acres and is based upon the completion of fifteen unit wells now producing within the participating area boundary as wells capable of producing unitized substances in paying quantities.

The fifteen wells are as follows:

<u>Well Name</u>	<u>Location</u>	<u>Lease No.</u>	<u>Tract No.</u>
WILLIAMS 30-78	NE NE 30 14S 10E	FEE	51
UTAH 24-81	NW NE 24 15S 9E	ML-45691	169
UTAH 5-94	NW NW 5 15S 10E	ML-38668	23
UTAH 5-95	C SW 5 15S 10E	ML-38668	23
UTAH 5-96	NW SE 5 15S 10E	ML-38668	23
UTAH 8-97	SE NE 8 15S 10E	ML-38669	182
UTAH 8-98X	SW NW 8 15S 10E	ML-38669	24
UTAH 8-99	NW SW 8 15S 10E	ML-38669	24
UTAH 8-100	NW SE 8 15S 10E	ML-38669	182
UTAH 17-102	NW NW 17 15S 10E	ML-38666	21
UTAH 17-103	NW SW 17 15S 10E	ML-38666	181
POWELL 19-104	SE NW 19 15S 10E	FEE	192
POWELL 19-105	SE SW 19 15S 10E	FEE	191
UTAH 23-106	NW NE 23 15S 9E	ML-45691	185
UTAH 23-107	NW NW 23 15S 9E	ML-45691	185

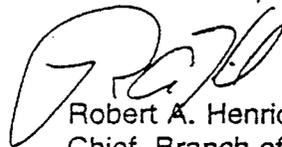
Also, the 1st Supplemental to the 3rd Revision of the Ferron Coal Formation Participating Area "A" is hereby approved effective as of May 1, 1996.

Copies of the approved requests are being distributed to the appropriate Federal agencies and one copy is returned herewith. Please advise all interested parties of the 3rd Revision of the Ferron Coal Formation Participating Area "A" and the 1st Supplemental to the 3rd Revision of the Ferron Coal Formation Participating Area "A", Drunkards Wash Unit and their effective dates.

Pursuant to previous conversations, the Ferron Coal Formation Participating Area "B" is being held for additional production information.

As the subject wells are producing, this approval requires the submission of a Payor Information Form MMS-4025 to the Minerals Management Service (MMS) within 30 days (30 CFR 210.51). Please notify the designated payor or payors as soon as possible regarding this requirement. Any producing royalties that are due must be reported and paid within 90 days of the Bureau of Land Management's approval date or the payors will be assessed interest for late payment under the Federal Oil and Gas Royalty Management Act of 1982 (See 30 CFR 218.54). If you need assistance or clarification, please contact the Minerals Management Service at 1-800-525-9167 or 303-231-3504

Sincerely,



Robert A. Henricks  
Chief, Branch of Fluid Minerals

Enclosure

STATE OF UTAH  
 DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number:  
 ML45691

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

7. Unit Agreement Name:  
 N/A

8. Well Name and Number:  
 Utah 23-107

9. API Well Number:  
 43-007-30283 / 1

10. Field or Pool, or Wildcat:  
 UNDESIGNATED

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. Type of Well: OIL  GAS  OTHER:

2. Name of Operator:  
 River Gas Corporation

3. Address and Telephone Number:  
 1305 South 100 East, Price, UT 84501 (801)637-8876

4. Location of Well  
 Footages: 1252' FNL, 1255' FWL  
 QQ, Sec., T., R., M.: NW/NW, SEC. 23, T15S, R09E, SLB&M

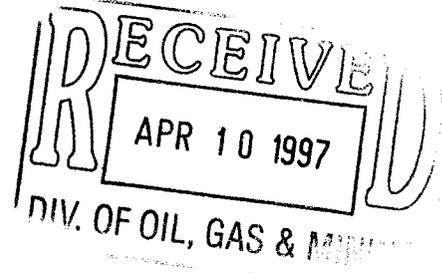
County: CARBON  
 State: UTAH

**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 _____  Approximate date work will start _____	<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 <u>Chemical Treatment</u>  Date of work completion _____  Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.
<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

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

Please be advised that the above referenced well was chemically treated with 4000 gallons of low pH fluid on 02/27/97.



13.

Name & Signature: Jerry H. Dietz  Title: Production Engineer Date: 04/02/97

(This space for state use only)

DIVISION OF OIL, GAS AND 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  GAS  OTHER:

2. Name of Operator:

River Gas Corporation

3. Address and Telephone Number:

1305 South 100 East, Price, UT 84501 (801)637-8876

4. Location of Well

Footages:

1252' FNL, 1255' FWL

QQ, Sec., T., R., M.:

NW/NW, SEC. 23, T15S, R09E, SLB & M

5. Lease Designation and Serial Number:

ML45691

6. If Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

UTU-67921X - Drunkards Wash

8. Well Name and Number:

Utah 23-107

9. API Well Number:

43-007-30281

10. Field or Pool, or Wildcat:

Wildcat

County: Carbon County

State: Utah

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

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

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

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

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

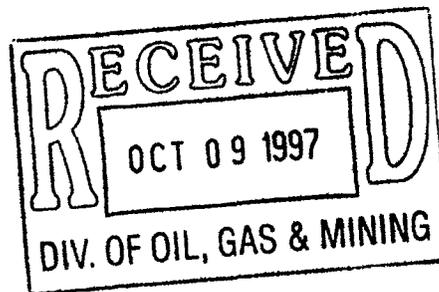
- |  |   |
|--|---|
| <input type="checkbox"/> Abandon *                       | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing                   | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans                 | <input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

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

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

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

Please be advised that the above referenced well was chemically treated with 4000 gallons of low pH fluid on 09/23/97.



13.

Name & Signature: Jerry H. Dietz

Title: Field Supervisor/Engineer

Date: 10/05/97

(This space for state use only)

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

ORIGINAL

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. Type of Well: OIL  GAS  OTHER:

2. Name of Operator:  
River Gas Corporation

3. Address and Telephone Number:  
1305 South 100 East, Price, UT 84501 (801)637-8876

4. Location of Well  
Footages: 1252' FNL, 1255' FWL  
QQ, Sec., T., R., M.: NW/NW SEC. 23, T15S, R09E, SLB & M

5. Lease Designation and Serial Number:  
ML45691  
6. If Indian, Allottee or Tribe Name:  
N/A  
7. Unit Agreement Name:  
UTU-67921X - Drunkards Wash  
8. Well Name and Number:  
Utah 23-107  
9. API Well Number:  
43-007-30281  
10. Field or Pool, or Wildcat:  
Drunkards Wash

County: Carbon County  
State: Utah

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

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

- Abandon
- Repair Casing
- Change of Plans
- Convert to Injection
- Fracture Treat or Acidize
- Multiple Completion
- Other \_\_\_\_\_
- New Construction
- Pull or Alter Casing
- Recomplete
- Reperforate
- Vent or Flare
- Water Shut-Off

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

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

- Abandon \*
- Repair Casing
- Change of Plans
- Convert to Injection
- Fracture Treat or Acidize
- Other \_\_\_\_\_
- New Construction
- Pull or Alter Casing
- Reperforate
- Vent or Flare
- Water Shut-Off

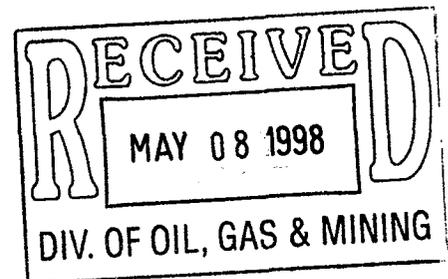
Date of work completion Chemical Treatment

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

\* Must be accompanied by a cement verification report.

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

Please be advised that the above referenced well was chemically treated with 4000 gallons of low Ph fluid and 250 gallons of 7% HCL on 04/20/98.



13.  
Name & Signature: Jerry H. Dietz  Title: Field Superintendent/Engineer Date: 04/28/98

(This space for state use only)  
**Accepted by the  
Utah Division of  
Oil, Gas and Mining**

**FOR RECORD ONLY**

WD tax credit 10/98

ORIGINAL

FORM 9

STATE OF UTAH

DIVISION OF OIL, GAS AND 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.

5. Lease Designation and Serial Number:  
ML - 45691

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

7. Unit Agreement Name:  
UTU67921X Drunkards Wash

8. Well Name and Number:  
Utah 23-107

9. API Well Number:  
43-007-30281

10. Field or Pool, or Wildcat:  
Drunkards Wash

1. Type of Well: OIL  GAS  OTHER:

2. Name of Operator:  
River Gas Corporation

3. Address and Telephone Number:  
1305 South 100 East, Price, UT 84501 (435) 637-8876

4. Location of Well  
Footages: 1252' FNL, 1255' FWL  
County: Carbon County  
QQ, Sec., T., R., M.: NW/NW SEC. 23, T15S, R09E, SLB & M  
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"/> Abandon *
<input type="checkbox"/> Repair Casing	<input type="checkbox"/> Repair Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Convert to Injection
<input type="checkbox"/> Fracture Treat or Acidize	<input type="checkbox"/> Fracture Treat or Acidize
<input type="checkbox"/> Multiple Completion	<input checked="" type="checkbox"/> Other <u>Chemical/Flush Treatment</u>
<input type="checkbox"/> Other _____	
<input type="checkbox"/> New Construction	<input type="checkbox"/> New Construction
<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Recomplete	<input type="checkbox"/> Reperforate
<input type="checkbox"/> Reperforate	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Water Shut-Off	
Approximate date work will start _____	Date of work completion <u>03/02/2000</u>

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

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

Please be advised that the above referenced well was chemically treated with 4000 gallons of low Ph fluid and 250 gallons of 7 1/2% HCL on 03/02/00.

13. Name & Signature: Rochelle Crabtree per Jerry H. Dick *Rochelle Crabtree* Title: Administrative Assistant Date: 03/17/2000  
Field Supervisor/Engineer

(This space for state use only)

ORIGINAL

COPY

FORM 9

STATE OF UTAH

DIVISION OF OIL, GAS AND 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  GAS  OTHER:

2. Name of Operator:

River Gas Corporation

3. Address and Telephone Number:

1305 South 100 East, Price, UT 84501 (435) 637-8876

4. Location of Well

Footages:

1252' FNL, 1255' FWL

QQ, Sec., T., R., M.:

NW/NW SEC. 23, T15S, R09E, SLB & M

5. Lease Designation and Serial Number:

ML - 45691

6. If Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

UTU67921X Drunkards Wash

8. Well Name and Number:

Utah 23-107

9. API Well Number:

43-007-30281

10. Field or Pool, or Wildcat:

Drunkards Wash

County: Carbon County

State: Utah

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

NOTICE OF INTENT (Submit in Duplicate)

- Abandon, Repair Casing, Change of Plans, Convert to Injection, Fracture Treat or Acidize, Multiple Completion, Other, New Construction, Pull or Alter Casing, Recomplete, Reperforate, Vent or Flare, Water Shut-Off

Approximate date work will start

SUBSEQUENT REPORT (Submit Original Form Only)

- Abandon\*, Repair Casing, Change of Plans, Convert to Injection, Fracture Treat or Acidize, Other Chemical/Flush Treatment, New Construction, Pull or Alter Casing, Reperforate, Vent or Flare, Water Shut-Off

Date of work completion 03/02/2000

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

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

Please be advised that the above referenced well was chemically treated with 4000 gallons of low Ph fluid and 250 gallons of 7 1/2% HCL on 03/02/00.

RECEIVED

APR 24 2000

DIVISION OF OIL, GAS AND MINING

13.

Name & Signature: Rochelle Crabtree per Jerry H. Diehl Title: Field Supervisor/Engineer Administrative Assistant Date: 03/17/2000

(This space for state use only)

WTC 5-2-00

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1 Type of Well: OIL  GAS  OTHER:

2 Name of Operator:  
River Gas Corporation

3 Address and Telephone Number:  
6825 S. 5300 W. P.O. Box 851 Price, Utah 84501 (435) 613-9777

4 Location of Well Footages:  
QQ, Sec., T., R., M.:  
SLB & M

5 Lease Designation and Serial Number:

6 If Indian, Allottee or Tribe Name:

7 Unit Agreement Name:

8 Well Name and Number:

9 API Well Number:

10 Field or Pool, or Wildcat:

County: Carbon County

State: Utah

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

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

- Abandon
  - Repair Casing
  - Change of Plans
  - Convert to Injection
  - Fracture Treat or Acidize
  - Multiple Completion
  - Other Change of Operator
- Approximate date work will start \_\_\_\_\_
- New Construction
  - Pull or Alter Casing
  - Recomplete
  - Reperforate
  - Vent or Flare
  - Water Shut-Off

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

- Abandon \*
  - Repair Casing
  - Change of Plans
  - Convert to Injection
  - Fracture Treat or Acidize
  - Other \_\_\_\_\_
- Date of work completion \_\_\_\_\_
- New Construction
  - Pull or Alter Casing
  - Reperforate
  - Vent or Flare
  - Water Shut-Off

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

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

Please be advised that River Gas Corporation is transferring ownership of the attached list of wells to Phillips Petroleum Company 9780 Mt. Pyramid Court, Englewood, CO 80112.  
Please direct all correspondence and reports to: Phillips Petroleum Company P.O. Box 3368, Englewood, CO 80155-3368.  
Effective 1/1/01

13

Name & Signature: Cal Hurtt



Title: Development Manager

Date: 12/19/00

(This space for state use only)

# Drunkards Wash Total Well Count

(Through 2000 Drilling Season)

Well #	API #	Location	Section	Tship	Range
Utah 25-09-01	4300730130	1683 FSL, 877 FEL	25	14S	09E
Utah 36-01-02	4300730178	600 FNL, 620 FEL	36	14S	09E
Utah 31-03-03	4300730143	740 FNL, 1780 FWL	31	14S	10E
Utah 36-03-04	4300730142	822 FNL, 2176 FWL	36	14S	09E
Utah 36-09-05	4300730144	2050 FSL, 700 FEL	36	14S	09E
Utah 25-07-06	4300730156	2599 FNL, 1902 FEL	25	14S	09E
Utah 25-11-07	4300730157	1718 FSL, 2210 FWL	25	14S	09E
Utah 26-16-08	4300730181	800 FSL, 750 FEL	26	14S	09E
Utah 35-01-09	4300730180	650 FNL, 850 FEL	35	14S	09E
Utah 31-12-10	4300730183	1995 FSL, 745 FWL	31	14S	10E
Utah 36-11-11	4300730184	1837 FSL, 1903 FWL	36	14S	09E
Utah 19-14-12	4300730182	860 FSL, 1780 FWL	19	14S	10E
Utah 30-05-13	4300730179	1493 FNL, 728 FWL	30	14S	10E
Utah 30-13-14	4300730185	612 FSL, 670 FWL	30	14S	10E
Utah 24-01-15	4300730191	1320 FNL, 1320 FEL	24	14S	09E
Utah 24-03-16	4300730187	1310 FNL, 1525 FWL	24	14S	09E
Utah 24-12-17	4300730208	1320 FSL, 1320 FWL	24	14S	09E
Utah 24-16-18	4300730192	482 FSL, 940 FEL	24	14S	09E
Utah 23-02-19	4300730207	963 FNL, 1470 FEL	23	14S	09E
Utah 23-04-20	4300730194	1291 FNL, 1257 FWL	23	14S	09E
Utah 23-14-21	4300730200	739 FSL, 1716 FWL	23	14S	09E
Utah 23-09-22	4300730201	1320 FSL, 1320 FEL	23	14S	09E
Utah 26-01-23	4300730205	1320 FNL, 1320 FEL	26	14S	09E
Utah 26-06-24	4300730202	1480 FNL, 2000 FWL	26	14S	09E
Utah 26-11-25	4300730204	1500 FSL, 1500 FWL	26	14S	09E
Utah 35-03-26	4300730203	1085 FNL, 1805 FWL	35	14S	09E
Utah 35-10-27	4300730197	2567 FSL, 2151 FEL	35	14S	09E
Utah 35-13-28	4300730198	1236 FSL, 1152 FWL	35	14S	09E
Utah 27-08-29	4300730193	2134 FNL, 753 FEL	27	14S	09E
Utah 27-09-30	4300730186	1359 FSL, 707 FEL	27	14S	09E
Utah 34-01-31	4300730196	464 FNL, 540 FEL	34	14S	09E
Utah 34-09-32	4300730195	1938 FSL, 435 FEL	34	14S	09E
Utah 25-04-33	4300730206	920 FNL, 780 FWL	25	14S	09E
Prettyman 10-15-34	4300730211	842 FSL, 1419 FEL	10	14S	09E
Utah 10-36	4300730302	1213 FNL, 469 FEL	10	15S	09E
Utah 12-15-37	4300730210	1158 FSL, 1494 FEL	12	15S	09E
Utah 06-38	4300730217	899 FNL, 1730 FEL	6	15S	10E
Utah 06-39	4300730218	934 FNL, 819 FWL	6	15S	10E
Utah 06-40	4300730219	2180 FSL, 1780 FEL	6	15S	10E
Utah 06-41	4300730254	2124 FSL, 1054 FWL	6	15S	10E
Utah 01-42	4300730220	860 FNL, 1780 FEL	1	15S	09E
Utah 01-43	4300730221	808 FNL, 1451 FWL	1	15S	09E
Utah 01-44	4300730222	860 FSL, 1320 FWL	1	15S	09E
Utah 01-45	4300730223	1219 FSL, 1318 FEL	1	15S	09E
Utah 02-46	4300730224	860 FNL, 860 FEL	2	15S	09E

Utah 02-47	4300730225	1318 FNL, 1791 FWL	2	15S	09E
Utah 02-48	4300730226	1780 FSL, 860 FEL	2	15S	09E
Utah 02-49	4300730227	1320 FSL, 2080 FWL	2	15S	09E
Utah 11-50	4300730228	860 FNL, 860 FEL	11	15S	09E
Utah 11-51	4300730229	1000 FNL, 1900 FWL	11	15S	09E
Utah 11-52	4300730230	1400 FSL, 1100 FEL	11	15S	09E
Utah 11-53	4300730231	1780 FSL, 1800 FWL	11	15S	09E
Utah 12-54	4300730232	875 FNL, 1015 FWL	12	15S	09E
Utah 12-55	4300730233	1500 FNL, 1320 FEL	12	15S	09E
Utah 12-56	4300730234	1500 FSL, 1320 FWL	12	15S	09E
Utah 07-57	4300730235	1421 FNL, 1003 FWL	7	15S	10E
Utah 07-58	4300730236	1495 FNL, 2006 FEL	7	15S	10E
Utah 07-59	4300730237	1400 FSL, 2100 FEL	7	15S	10E
Utah 07-60	4300730238	954 FSL, 1256 FWL	7	15S	10E
Utah 14-61	4300730239	1386 FNL, 931 FEL	14	15S	09E
Utah 14-62	4300730240	980 FNL, 1385 FWL	14	15S	09E
Utah 14-63	4300730241	1780 FSL, 1320 FEL	14	15S	09E
Utah 14-64	4300730242	907 FSL, 1392 FWL	14	15S	09E
Utah 13-65	4300730243	1320 FNL, 1200 FEL	13	15S	09E
Utah 13-66	4300730244	1276 FNL, 1301 FWL	13	15S	09E
Utah 13-67	4300730245	1800 FSL, 1500 FEL	13	15S	09E
Utah 13-68	4300730246	1320 FSL, 1320 FWL	13	15S	09E
Utah 18-69	4300730427	1320 FNL, 1320 FWL	18	15S	10E
Utah 18-70	4300730248	1110 FNL, 2127 FEL	18	15S	10E
Utah 18-71	4300730249	1764 FSL, 1767 FEL	18	15S	10E
Utah 18-72	4300730250	2100 FSL, 1100 FWL	18	15S	10E
USA 19-73	4300730392	1664 FNL, 1412 FEL	19	15S	10E
Utah 14-74	4300730529	1365 FSL, 1988 FEL	14	14S	09E
Utah 14-75	4300730263	1036 FSL, 1622 FWL	14	14S	09E
Utah 22-76	4300730251	1320 FNL, 660 FEL	22	14S	09E
Utah 19-77	4300730252	1780 FSL, 660 FWL	19	14S	10E
Williams 30-78	4300730279	460 FNL, 660 FEL	30	14S	10E
Utah 31-79	4300730253	1780 FSL, 1780 FEL	31	14S	10E
Utah 24-80	4300730255	590 FNL, 1612 FWL	24	15S	09E
Utah 24-81	4300730256	1067 FNL, 1361 FEL	24	15S	09E
Utah 32-82	4300730257	600 FNL, 2028 FEL	32	15S	09E
Utah 21-83	4300730259	1780 FNL, 460 FWL	21	15S	10E
H&A 07-84	4300730258	1780 FSL, 1780 FWL	7	15S	09E
Utah 27-85	4300730261	2173 FNL, 676 FWL	27	14S	08E
Utah 24-86	4300730267	1788 FSL, 1677 FEL	24	15S	09E
Utah 24-87	4300730375	1780 FSL, 1333 FWL	24	15S	09E
USA 15-88	4300730264	872 FSL, 875 FEL	15	14S	09E
Telonis 22-89	4300730266	836 FNL, 1766 FWL	22	14S	09E
Telonis 21-90	4300730328	1272 FNL, 1188 FEL	21	14S	09E
USA 13-91	4300730568	1443 FSL, 1017 FWL	13	14S	09E
Utah 13-92	4300730439	624 FSL, 899 FEL	13	14S	09E
Utah 18-93	4300730587	556 FSL, 673 FWL	18	14S	10E
Utah 05-95	4300730269	640 FNL, 580 FWL	5	15S	10E
Utah 05-94	4300730270	1520 FSL, 1320 FWL	5	15S	10E

Utah 05-96	4300730271	1780 FSL, 2180 FEL	5	15S	10E
Utah 08-97	4300730272	1495 FNL, 1273 FEL	8	15S	10E
Utah 08-98X	4300730285	1341 FNL, 1319 FWL	8	15S	10E
Utah 08-99	4300730274	1500 FSL, 1120 FWL	8	15S	10E
Utah 08-100	4300730275	1500 FSL, 1400 FEL	8	15S	10E
Utah 17-101	4300730416	460 FNL, 2180 FEL	17	15S	10E
Utah 17-102	4300730277	810 FNL, 910 FWL	17	15S	10E
Utah 17-103	4300730278	1520 FSL, 1120 FWL	17	15S	10E
Powell 19-104	4300730282	1327 FNL, 1458 FWL	19	15S	10E
Powell 19-105	4300730283	1239 FSL, 1325 FWL	19	15S	10E
Utah 23-106	4300730280	150 FNL, 1400 FEL	23	15S	09E
Utah 23-107	4300730281	1252 FNL, 1255 FWL	23	15S	09E
Birkinshaw 19-108	4300730284	1305 FNL, 1192 FEL	19	15S	09E
Utah 36-109	4300730268	1800 FNL, 1800 FWL	36	15S	09E
Utah 16-110	4301530250	860 FSL, 2000 FWL	16	16S	09E
Fausett 09-111	4300730428	2215 FSL, 354 FEL	9	14S	09E
Fausett 10-112	4300730415	1590 FSL, 1342 FWL	10	14S	09E
Giacoletto 11-113	4300730335	500 FSL, 2070 FWL	11	14S	09E
Prettyman 11-114	4300730340	471 FSL, 1828 FEL	11	14S	09E
Giacoletto 13-120	4300730407	1200 FNL, 1219 FWL	13	14S	09E
Giacoletto 14-121	4300730345	1200 FNL, 1060 FEL	14	14S	09E
USA 14-122	4300730404	1500 FNL, 1039 FWL	14	14S	09E
Utah 30-125	4300730262	630 FSL, 1627 FEL	30	14S	10E
Utah 31-126	4300730305	1954 FNL, 1291 FEL	31	14S	10E
Robertson 32-127	4300730374	646 FNL, 349 FWL	32	14S	10E
Utah 04-129	4300730309	700 FWL, 1850 FSL	4	15S	10E
Utah 04-130	4300730519	860 FSL, 2150 FEL	4	15S	10E
Sampinos 16-131	4300730610	1201 FNL, 1016 FWL	16	15S	10E
Jensen 16-132	4300730588	1206 FSL, 1240 FWL	16	15S	10E
LDS 17-133	4300730296	1500 FSL, 1700 FEL	17	15S	10E
Utah 25-134	4300730399	745 FNL, 1482 FWL	25	15S	09E
Utah 36-135	4300730341	850 FNL, 850 FEL	36	15S	09E
Utah 36-136	4300730343	465 FSL, 660 FWL	36	15S	09E
Utah 36-137	4300730342	2180 FSL, 1800 FEL	36	15S	09E
Utah 02-138	4301530288	638 FNL, 1865 FEL	2	16S	09E
Utah 02-139	4301530289	1890 FNL, 850 FWL	2	16S	09E
Utah 02-140	4301530290	850 FSL, 1800 FWL	2	16S	09E
Utah 02-141	4301530291	1800 FSL, 1950 FEL	2	16S	09E
Telonis 15-142	4300730319	1320 FSL, 860 FWL	15	14S	09E
Fausett 16-143	4300730320	1320 FNL, 1320 FEL	16	14S	09E
Fausett 16-144	4300730321	1800 FNL, 860 FWL	16	14S	09E
Telonis 16-145	4300730322	1320 FSL, 1320 FWL	16	14S	09E
Paar 16-146	4300730323	843 FSL, 2157 FEL	16	14S	09E
Christiansen 17-147	4300730324	860 FSL, 1800 FWL	17	14S	09E
Christiansen 17-148	4300730325	1250 FSL, 1100 FEL	17	14S	09E
Birkinshaw 18-149	4300730326	500 FSL, 500 FEL	18	14S	09E
Telonis 19-150	4300730300	751 FNL, 1840 FWL	19	14S	09E
Telonis 19-151	4300730299	860 FSL, 2000 FWL	19	14S	09E
Telonis 20-152	4300730327	1320 FNL, 1900 FEL	20	14S	09E

Telonis 21-153	4300730329	860 FNL, 1800 FWL	21	14S	09E
Telonis 29-154	4300730330	800 FNL, 1500 FWL	29	14S	09E
Telonis 29-155	4300730331	1800 FSL, 1250 FWL	29	14S	09E
Telonis 30-156	4300730301	910 FNL, 868 FEL	30	14S	09E
Telonis 30-157	4300730332	1800 FSL, 580 FEL	30	14S	09E
Utah 32-158	4300730333	1038 FNL, 1768 FEL	32	14S	09E
Utah 32-159	4300730334	2011 FNL, 1426 FWL	32	14S	09E
Utah 32-160	4300730398	1500 FSL, 1780 FWL	32	14S	09E
Utah 32-161	4300730336	415 FSL, 1408 FEL	32	14S	09E
Utah 36-162	4300730315	2053 FNL, 685 FEL	36	14S	08E
Utah 36-163	4300730316	860 FNL, 2100 FWL	36	14S	08E
Utah 36-164	4300730317	1070 FSL, 2000 FWL	36	14S	08E
Utah 36-165	4300730318	1100 FSL, 1500 FEL	36	14S	08E
Utah 02-166	4300730337	1219 FNL, 1738 FEL	2	15S	08E
Utah 02-167	4300730338	660 FNL, 2075 FWL	2	15S	08E
Utah 02-168	4300730339	1800 FSL, 2100 FWL	2	15S	08E
Utah 02-169	4300730308	754 FSL, 1000 FEL	2	15S	08E
Seamons 32-170	4300730291	700 FNL, 500 FWL	32	13S	09E
Pinnacle Peak 19-171	4300730117	1320 FSL, 1320 FEL	19	14S	09E
Telonis 20-172	4300730107	1980 FSL, 660 FEL	20	14S	09E
Powell 30-173	4300730346	1200 FNL, 1200 FWL	30	15S	10E
Stella-Hamaker 10-174	4300730116	852 FNL, 1971 FWL	10	15S	08E
Utah 31-175	4301530317	897 FNL, 1731 FWL	31	16S	09E
USA 15-176	4300730450	2588 FNL, 1155 FEL	15	14S	09E
USA 09-178	4300730419	428 FSL, 2527 FWL	9	14S	09E
USA 17-180A	4300730622	2563 FNL, 1383 FWL	17	14S	09E
USA 18-182	4300730417	1068 FSL, 1972 FWL	18	14S	09E
USA 24-183	4300730469	828 FNL, 624 FEL	24	14S	08E
Utah 27-187	4300730395	1400 FNL, 1400 FWL	27	14S	09E
Utah 27-188	4300730292	477 FSL, 518 FWL	27	14S	09E
Utah 28-189	4300730396	1707 FNL, 868 FEL	28	14S	09E
Utah 28-190	4300730397	1969 FNL, 1324 FWL	28	14S	09E
Utah 28-191	4300730293	693 FSL, 1623 FWL	28	14S	09E
Utah 28-192	4300730294	1407 FNL, 1940 FWL	28	14S	09E
Utah 29-193	4300730405	693 FNL, 1029 FEL	29	14S	09E
Utah 29-194	4300730427	951 FSL, 370 FEL	29	14S	09E
Utah 30-195	4300730265	1407 FNL, 1940 FWL	30	14S	09E
Utah 30-196	4300730344	1056 FSL, 1984 FWL	30	14S	09E
Kakatsidas 31-197	4300730420	619 FNL, 1361 FEL	31	14S	09E
Utah 31-198	4300730406	1403 FNL, 1540 FWL	31	14S	09E
Utah 31-199	4300730480	1125 FSL, 928 FWL	31	14S	09E
Utah 31-200	4300730385	2118 FSL, 549 FEL	31	14S	09E
Utah 33-201	4300730386	317 FNL, 1815 FEL	33	14S	09E
Utah 33-202	4300730387	1939 FNL, 1593 FWL	33	14S	09E
Utah 33-203	4300730388	1373 FSL, 1140 FWL	33	14S	09E
Utah 33-204	4300730389	2024 FSL, 1525 FEL	33	14S	09E
Utah 05-205	4300730384	1485 FNL, 760 FEL	5	15S	09E
Utah 05-206	4300730390	1300 FNL, 1352 FWL	5	15S	09E
Utah 06-207	4300730391	825 FNL, 928 FEL	6	15S	08E

Utah 01-208	4300730464	1246 FNL, 1831 FEL	1	15S	09E
Utah 01-209	4300730467	2271 FSL, 1251 FEL	1	15S	09E
Utah 34-211	4300730114	1181 FSL, 1005 FWL	34	14S	09E
Utah 03-212	4300730468	1187 FNL, 1761 FEL	3	15S	09E
Utah 03-213	4300730381	1466 FNL, 2041 FWL	3	15S	09E
Utah 03-214	4300730295	813 FSL, 966 FWL	3	15S	09E
Utah 03-215	4300730297	988 FSL, 604 FEL	3	15S	09E
Utah 04-216	4300730382	1610 FNL, 810 FEL	4	15S	09E
Utah 04-217	4300730383	1343 FNL, 1119 FWL	4	15S	09E
Utah 04-218	4300730418	1084 FSL, 509 FEL	4	15S	09E
Utah 10-219	4300730298	805 FNL, 756 FWL	10	15S	09E
Utah 10-220	4300730432	474 FSL, 372 FWL	10	15S	09E
Utah 10-221	4300730303	1602 FSL, 2032 FEL	10	15S	09E
USA 19-222	4300730393	1574 FSL, 1647 FEL	19	15S	10E
Utah 06-223	4300730430	1636 FSL, 1085 FEL	6	15S	09E
Utah 05-225	4300730440	421 FSL, 498 FEL	5	15S	09E
Utah 04-226	4300730408	571 FSL, 2331 FWL	4	15S	09E
Utah 09-227	4300730449	652 FNL, 1331 FEL	9	15S	09E
Utah 09-228	4300730413	1444 FNL, 1520 FWL	9	15S	09E
Utah 09-229	4300730414	1595 FSL, 2051 FWL	9	15S	09E
Utah 08-230	4300730410	2003 FNL, 960 FEL	8	15S	09E
Utah 08-231	4300730411	1321 FNL, 1738 FWL	8	15S	09E
H&A 08-232	4300730412	1135 FSL, 1497 FWL	8	15S	09E
Utah 08-233	4300730488	468 FSL, 2030 FEL	8	15S	09E
Utah 07-234	4300730409	1876 FNL, 875 FEL	7	15S	09E
Utah 07-235	4300730421	2098 FSL, 510 FEL	7	15S	09E
H&A 18-236	4300730459	896 FNL, 1511 FEL	18	15S	09E
Utah 18-237	4300730485	1867 FSL, 1920 FEL	18	15S	09E
Utah 17-238	4300730510	677 FNL, 1321 FEL	17	15S	09E
Utah 17-239	4300730511	1383 FNL, 1576 FWL	17	15S	09E
Utah 17-240	4300730512	1977 FSL, 1394 FWL	17	15S	09E
Utah 17-241	4300730513	1668 FSL, 2222 FEL	17	15S	08E
USA 12-242	4300730482	1738 FNL, 1505 FEL	12	15S	08E
USA 12-243	4300730486	950 FNL, 232 FWL	12	15S	08E
USA 11-244	4300730463	1151 FNL, 1690 FEL	11	15S	08E
USA 11-245	4300730462	1234 FNL, 1743 FWL	11	15S	08E
Utah 01-246	4300730566	1619 FNL, 170 FWL	1	15S	09E
Utah 01-247	4300730465	594 FSL, 266 FWL	1	15S	08E
USA 35-248	4300730582	828 FSL, 1245 FEL	35	15S	09E
USA 30-251	4300730403	1169 FSL, 913 FWL	30	15S	10E
Utah 25-252	4300730400	1937 FNL, 1416 FEL	25	15S	09E
Utah 25-253	4300730401	809 FSL, 899 FWL	25	15S	09E
Utah 25-254	4300730402	1787 FSL, 1954 FEL	25	15S	09E
Utah 26-255	4300730446	1209 FNL, 755 FEL	26	15S	09E
Utah 26-256	4300730445	1274 FSL, 1351 FWL	26	15S	09E
Utah 26-257	4300730444	1263 FSL, 1368 FEL	26	15S	09E
Utah 34-258	4300730552	1198 FNL, 1880 FEL	34	15S	09E
Utah 34-259	4300730456	1662 FSL, 2046 FEL	34	15S	09E
Utah 35-260	4300730447	814 FNL, 1900 FEL	35	15S	09E

Utah 35-261	4300730442	615 FNL, 818 FWL	35	15S	09E
Utah 35-262	4300730443	1657 FSL, 1850 FWL	35	15S	09E
Utah 35-263	4300730441	1785 FSL, 946 FEL	35	15S	09E
USA 01-264	4301530336	1055 FNL, 441 FWL	1	16S	09E
USA 01-265	4301530337	1739 FSL, 636 FWL	1	16S	09E
Woolstenhulme 05-266	4300730481	1389 FNL, 2179 FEL	5	15S	10E
Utah 26-267	4300730514	1836 FNL, 2130 FWL	26	15S	09E
Utah 27-268	4300730457	1125 FSL, 1682 FWL	26	15S	09E
Utah 27-269	4300730458	1661 FSL, 795 FEL	27	15S	09E
Utah 34-270	4300730347	774 FNL, 756 FWL	34	15S	09E
Utah 34-271	4300730496	1693 FSL, 965 FWL	34	15S	09E
Utah 33-272	4300730502	694 FNL, 2034 FEL	33	15S	09E
Utah 33-273	4300730493	1922 FNL, 328 FWL	33	15S	09E
Utah 33-274	4300730494	1098 FSL, 1673 FWL	33	15S	09E
Utah 33-275	4300730495	1401 FSL, 1029 FEL	33	15S	09E
Utah 32-276	4300730483	738 FL, 1318 FWL	32	15S	09E
Utah 32-277	4300730484	1613 FSL, 1931 FEL	32	15S	09E
Utah 05-278	4301530278	1665 FNL, 1923 FEL	5	15S	09E
Utah 04-279	4301530340	1020 FNL, 1757 FEL	4	16S	09E
Utah 04-280	4301530341	2087 FNL, 1627 FWL	4	16S	09E
Utah 04-281	4301530399	999 FSL, 896 FWL	4	16S	09E
Utah 04-282	4301530342	2188 FSL, 911 FEL	4	16S	09E
Utah 03-283	4301530349	461 FNL, 1772 FEL	3	16S	09E
Utah 03-284	4301530346	1218 FNL, 753 FWL	3	16S	09E
Utah 03-285	4301530345	1917 FSL, 546 FWL	3	16S	09E
Utah 03-286	4301530344	1690 FSL, 1958 FEL	3	16S	09E
USA 20-287	4300730448	1395 FNL, 979 FWL	20	15S	10E
USA 20-288	4300730451	1566 FSL, 1125 FWL	20	15S	10E
USA 30-289	4300730452	1184 FNL, 1353 FEL	30	15S	10E
USA 30-290	4300730453	1080 FSL, 1508 FEL	30	14S	10E
USA 11-291	4300730501	2609 FNL, 1994 FEL	11	14S	09E
USA 11-292	4300730500	2483 FNL, 664 FWL	11	14S	09E
USA 10-293	4300730498	2011 FNL, 847 FEL	10	14S	09E
USA 10-294	4300730497	1750 FNL, 769 FWL	10	14S	09E
USA 09-295	4300730499	696 FNL, 1198 FEL	9	14S	09E
Fausett 09-296	4300730455	2072 FNL, 798 FWL	9	14S	09E
USA 08-297	4300730491	789 FNL, 958 FEL	8	14S	09E
Ritzakis 08-298	4300730475	798 FNL, 2018 FWL	8	14S	09E
Ritzakis 08-299	4300730479	2187 FSL, 1885 FWL	8	14S	09E
Ritzakis 08-300	4300730476	2485 FSL, 1522 FEL	8	14S	09E
USA 04-302	4300730489	1076 FSL, 1860 FWL	4	14S	09E
USA 04-303	4300730490	597 FSL, 984 FEL	4	14S	09E
Ritzakis 05-304	4300730473	688 FSL, 1888 FWL	5	14S	09E
Ritzakis 05-305	4300730474	1104 FSL, 1196 FEL	5	14S	09E
USA 06-306	4300730492	399 FSL, 306 FEL	6	14S	09E
Helper 07-307	4300730487	672 FNL, 962 FWL	7	15S	09E
USA 31-310	4300730516	624 FNL, 1238 FWL	31	15S	10E
USA 31-311	4300730517	1934 FSL, 973 FWL	31	15S	10E
USA 01-312	4301530350	1453 FNL, 1881 FEL	1	16S	09E

USA 11-314	4301530353	1262 FNL, 1136 FWL	11	16S	09E
USA 10-317	4301530352	1221 FNL, 1104 FEL	10	16S	09E
USA 12-322	4300730576	492 FSL, 495 FWL	10	15S	08E
USA 12-323	4300730577	540 FSL, 784 FEL	12	15S	08E
USA 11-324	4300730575	732 FSL, 1763 FEL	11	15S	08E
USA 14-325	4300730579	890 FNL, 1469 FEL	14	15S	08E
USA 13-326	4300730581	1065 FNL, 1563 FEL	13	15S	08E
USA 13-327	4300730578	1092 FNL, 941 FWL	13	15S	08E
USA 35-328	4300730583	964 FSL, 1999 FWL	35	14S	08E
Utah 09-329	4300730561	884 FSL, 1324 FEL	9	15S	09E
Utah 06-330	4300730562	938 FNL, 1564 FWL	6	15S	09E
Utah 20-333	4300730669	1069 FNL, 1460 FEL	20	15S	09E
Utah 20-334	4300730625	932 FNL, 1655 FWL	20	15S	09E
Utah 20-335	4300730626	2152 FSL, 1716 FWL	20	15S	09E
Utah 19-337	4300730623	926 FNL, 768 FEL	19	15S	09E
Utah 19-338	4300730624	1789 FSL, 1426 FEL	19	15S	09E
Utah 05-343	4301530400	1795 FNL, 1431 FWL	5	16S	09E
Utah 05-344	4301530401	1316 FSL, 1343 FWL	5	16S	09E
Utah 05-345	4301530402	908 FSL, 1449 FEL	5	16S	09E
Utah 08-354	4301530395	1073 FNL, 1914 FEL	8	16S	09E
Utah 08-355	4301530378	1673 FNL, 850 FWL	8	16S	09E
Utah 08-356	4301530379	1701 FSL, 799 FWL	8	16S	09E
Utah 08-357	4301530380	1722 FSL, 1599 FEL	8	16S	09E
Utah 09-358	4301530300	2097 FNL, 1634 FEL	9	16S	09E
Utah 09-359	4301530407	1787 FNL, 871 FWL	9	16S	09E
Utah 09-360	4301530397	1323 FSL, 881 FWL	9	16S	09E
Utah 09-361	4301530408	1564 FSL, 1998 FEL	9	16S	09E
USA 10-362	4301530424	2225 FNL, 494 FWL	10	16S	09E
USA 14-386	4300730634	592 FNL, 2236 FWL	14	15S	08E
USA 24-387	4300730612	1243 FSL, 2306 FWL	10	14S	08E
USA 24-388	4300730613	1177 FSL, 612 FEL	24	14S	08E
Utah 25-389	4300730600	737 FNL, 1976 FEL	25	14S	08E
Utah 25-390	4300730599	1540 FNL, 1354 FWL	25	14S	08E
Utah 25-391A	4300730658	1264 FSL, 1573 FWL	25	14S	08E
Utah 25-392	4300730602	2045 FSL, 1718 FEL	25	14S	09E
USA 26-393	4300730614	1666 FNL, 874 FEL	26	14S	08E
USA 26-394	4300730615	856 FSL, 2377 FWL	26	14S	08E
USA 26-395	4300730616	1927 FSL, 830 FEL	26	14S	08E
USA 35-396	4300730584	616 FNL, 1896 FEL	35	14S	08E
USA 35-397	4300730585	949 FNL, 1264 FWL	35	14S	08E
USA 20-398	4300730590	1374 FNL, 1387 FEL	20	15S	10E
USA 20-399	4300730591	1445 FSL, 1128 FEL	20	15S	10E
Utah 09-412	4300730580	1102 FSL, 1018 FWL	9	15S	10E
Utah 09-413	4300730605	1007 FNL, 1197 FWL	9	15S	10E
Utah 10-415	4301530391	1090 FNL, 557 FEL	10	16S	08E
USA 14-416	4300730646	892 FSL, 1311 FWL	14	15S	08E
USA 14-417	4300730647	1741 FSL, 1054 FEL	14	15S	09E
USA 13-418	4300730645	737 FSL, 793 FEL	13	15S	08E
USA 13-419	4300730631	2617 FSL, 1958 FEL	13	15S	08E

USA 23-423	4300730611	408 FSL, 924 FEL	23	14S	08E
USA 34-434	4300730621	1342 FSL, 922 FEL	34	14S	08E
USA 18-435	4300730619	1868 FNL, 793 FWL	18	14S	09E
USA 07-436	4300730630	3121 FNL, 871 FEL	7	14S	09E
USA 03-442	4300730710	899 FNL, 553 FEL	3	15S	08E
USA 24-443	4300730651	1780 FNL, 2247 FEL	24	15S	08E
USA 24-444	4300730648	1338 FNL, 1153 FWL	24	15S	08E
USA 24-446	4300730708	1377 FNL, 2340 FWL	24	14S	08E
USA 13-447	4300730707	2044 FSL, 741 FEL	13	14S	08E
USA 24-448	4300730652	2146 FSL, 2021 FEL	24	15S	08E
Utah 34-456	4300730713	755 FNL, 1377 FEL	34	14S	08E
USA 13-470	4300730706	1741 FNL, 554 FEL	13	14S	08E
Utah 06-483	4300730716	2456 FSL, 988 FWL	6	15S	09E
American Quasar D1	4300730040	999 FSL, 1552 FWL	31	14S	10E
Arcadia-Telonis D2	4300730093	465 FSL, 560 FEL	19	14S	09E
Utah D3	4300730290	1600 FSL, 1530 FEL	18	15S	10E
Utah D4	4300730314	600 FNL, 500 FWL	24	14S	09E
Fausett D5	4300730351	467 FNL, 1461 FWL	16	14S	09E
Drew D6	4300730100	1300 FSL, 830 FWL	34	14S	09E
Utah D7	4301530338	1371 FSL, 1530 FEL	2	14S	09E
Utah D8	4300730431	1342 FNL, 350 FWL	12	15S	09E
Utah D9	4300730438	1960 FNL, 1487 FWL	32	14S	09E
RGC D10	4300730520	162 FNL, 1557 FEL	28	15S	09E
USA D11	4301530356	1513 FNL, 2437 FEL	13	16S	09E
Sampinos D14	4300730567	1695 FSL, 2133 FEL	16	15S	10E

LAW OFFICES

**PRUITT, GUSHEE & BACHTELL**

SUITE 1850 BENEFICIAL LIFE TOWER

SALT LAKE CITY, UTAH 84111-1495

(801) 531-8446

TELECOPIER (801) 531-8468

E-MAIL: mail@pgblaw.com

THOMAS W BACHTELL  
A JOHN DAVIS, III  
JOHN W ANDERSON  
FREDERICK M MACDONALD  
GEORGE S YOUNG  
ANGELA L FRANKLIN  
JOHN S FLITTON  
MICHAEL S JOHNSON  
WILLIAM E WARD

SENIOR COUNSEL:  
ROBERT G PRUITT, JR  
OLIVER W GUSHEE, JR

OF COUNSEL:  
ROBERT G PRUITT, III  
BRENT A BOHMAN

January 29, 2001

**HAND DELIVERED**

Mr. Jim Thompson  
Utah Division of Oil, Gas & Mining  
1594 W. North Temple  
Salt Lake City, UT 84116

*Re: River Gas/Phillips Merger*

Dear Mr. Thompson:

As you may know, River Gas Corporation ("RGC") merged into Phillips Petroleum Company ("Phillips") effective December 31, 2000 at 11:59 p.m. I have enclosed a Certificate of Articles of Merger issued by the Utah Department of Commerce and, although duplicative, a sundry notice formally evidencing the merger for your records, and a list of all wells, including injection wells, formerly operated by RGC.

Please change the Division's records to reflect the change in operator of these wells from RGC to Phillips. All operational questions should be directed to Phillips at the following address:

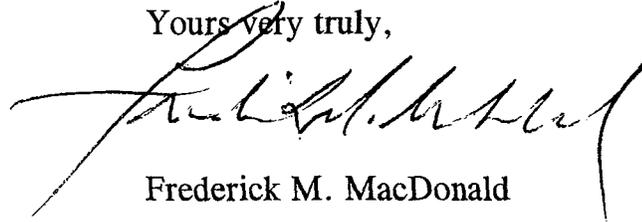
Phillips Petroleum Company  
Attn: Billy Stacy, Operations Manager  
P.O. Box 3368  
Englewood, CO 80155-3368  
Telephone No.: (720) 344-4984

Phillips currently has a bond on file with the Division (a copy of which is enclosed for your reference), but I understand an \$80,000 Letter of Credit is in the process of being substituted.

Mr. Jim Thompson  
January 29, 2001  
Page 2

On behalf of Phillips, I thank you for your cooperation. Should you have any further questions or concerns, please do not hesitate to contact me.

Yours very truly,

A handwritten signature in cursive script, appearing to read "Frederick M. MacDonald". The signature is written in dark ink and is positioned above the printed name.

Frederick M. MacDonald

FMM:cs  
2078.16  
Enclosures  
cc: W. H. Rainbolt  
Billy Stacy



Utah Department of Commerce  
Division of Corporations & Commercial Code  
160 East 300 South, 2nd Floor, Box 146705  
Salt Lake City, UT 84114-6705  
Phone: (801) 530-4849  
Toll Free: (877) 526-3994 Utah Residents  
Fax: (801) 530-6438  
Web site: <http://www.commerce.state.ut.us>

Registration Number: 562960-0143  
Business Name: PHILLIPS PETROLEUM COMPANY  
Registered Date: JUNE 14, 1946

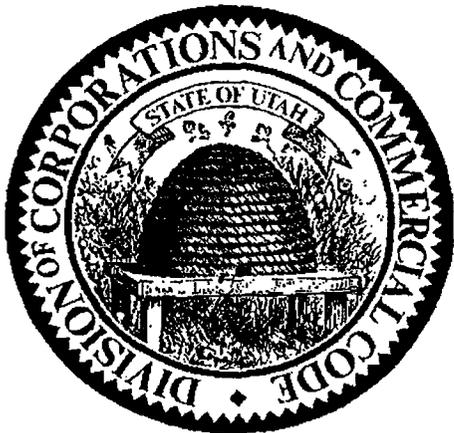
01/12/01

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## CERTIFICATE OF ARTICLES OF MERGER

THE UTAH DIVISION OF CORPORATIONS AND COMMERCIAL CODE ("DIVISION") HEREBY CERTIFIES THAT

ARTICLES OF MERGER WERE FILED WITH THIS OFFICE ON DECEMBER 12, 2000 MERGING RIVER GAS CORPORATION, A CORPORATION OF THE STATE OF ALABAMA, INTO PHILLIPS PETROLEUM COMPANY, THE SURVIVING CORPORATION WHICH IS OF THE STATE OF DELAWARE, AS APPEARS OF RECORD IN THE OFFICE OF THE DIVISION.



Ric Campbell  
Acting Division Director of  
Corporations and Commercial Code

---

Dept. of Professional Licensing  
(801)530-6628

Real Estate  
(801)530-6747

Public Utilities  
(801)530-6651

Securities  
(801)530-6600

Consumer Protection  
(801)530-6601

GRV NUMBER  
00171159

Office of the Secretary of State

TS

12/13/2000  
Receipt Number: 188532  
Amount Paid: \$145.00

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF OWNERSHIP, WHICH MERGES:

"RIVER GAS CORPORATION", A ALABAMA CORPORATION, WITH AND INTO "PHILLIPS PETROLEUM COMPANY" UNDER THE NAME OF "PHILLIPS PETROLEUM COMPANY", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE SIXTH DAY OF DECEMBER, A.D. 2000, AT 10 O'CLOCK A.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF OWNERSHIP IS THE THIRTY-FIRST DAY OF DECEMBER, A.D. 2000, AT 11:59 O'CLOCK A.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.

12-12-00P04:02 RCVD

TAB  
FILED  
DEC 12 2000

Utah Div. Of Corp. & Comm. Code

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 12 day of Dec 20 2000 in the office of this Division and hereby issue this Certificate thereof.

Examiner

Date 12/13/00  
Ric Campbell



RIC CAMPBELL  
ACTING DIRECTOR



Edward J. Freel

Edward J. Freel, Secretary of State  
AUTHENTICATION: 0837738

0064324 8100M

001609453

DATE: 12-07-00

**CERTIFICATE OF OWNERSHIP AND MERGER**

**OF**

**RIVER GAS CORPORATION**

**(an Alabama corporation)**

**into**

**Phillips Petroleum Company**

**(a Delaware corporation)**

It is hereby certified that:

1. Phillips Petroleum Company [hereinafter sometimes referred to as the "Corporation"] is a business corporation of the State of Delaware.

2. The Corporation is the owner of all of the outstanding shares of each class of stock of River Gas Corporation, which is a business corporation of the State of Alabama.

3. The laws of the jurisdiction of organization of River Gas Corporation permit the merger of a business corporation of that jurisdiction with a business corporation of another jurisdiction.

4. The Corporation hereby merges River Gas Corporation into the Corporation.

5. The following is a copy of the resolutions adopted on November 21, 2000 by the Board of Directors of the Corporation to merge the said River Gas Corporation into the Corporation:

"1. Phillips Petroleum Company, which is a business corporation of the State of Delaware and is the owner of all of the outstanding shares of River Gas Corporation, which is a business corporation of the State of Alabama, hereby merges River Gas Corporation into Phillips Petroleum Company pursuant to the provisions of the Alabama Business Corporation Act and pursuant to the

12-12-00P04:02 RCVD

provisions of Section 253 of the General Corporation Law of Delaware.

"2. The separate existence of River Gas Corporation shall cease at the effective time and date of the merger pursuant to the provisions of the Alabama Business Corporation Act; and Phillips Petroleum Company shall continue its existence as the surviving corporation pursuant to the provisions of Section 253 of the General Corporation Law of Delaware.

"3. The Articles of Incorporation of Phillips Petroleum Company are not amended in any respect by this Plan of Merger.

"4. The issued shares of River Gas Corporation shall not be converted or exchanged in any manner, but each said share which is issued immediately prior to the effective time and date of the merger shall be surrendered and extinguished.

"5. Each share of Phillips Petroleum Company outstanding immediately prior to the effective time and date of the merger is to be an identical outstanding share of Phillips Petroleum Company at the effective time and date of the merger.

"6. No shares of Phillips Petroleum Company and no shares, securities, or obligations convertible into such shares are to be issued or delivered under this Plan of Merger.

"7. The Board of Directors and the proper officers of Phillips Petroleum Company are hereby authorized, empowered, and directed to do any and all acts and things, and to make, execute, deliver, file, and/or record any and all instruments, papers, and documents which shall be or become necessary, proper, or convenient to carry out or put into effect any of the provisions of this Plan of Merger or of the merger herein provided for. "

" This Company approves that the effective time and date of the merger herein provided for in the State of Alabama shall be 11:59 p.m. on December 31, 2000."

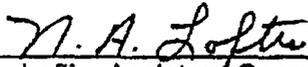
"Any Vice President, the Treasurer, any Assistant Treasurer, the Secretary, any Assistant Secretary, and each of them severally, be and hereby is authorized to make, execute,

deliver, file, and/or record any and all instruments, papers, and documents which shall be or become necessary, proper, or convenient to carry out or put into effect any of the provisions of these resolutions and to do or cause to be done all such acts as are necessary to give effect to the purpose and intent of the approval herein set forth."

6. This Certificate of Ownership and Merger shall be effective at 11:59 p.m. on December 31, 2000.

Executed on November 27, 2000

Phillips Petroleum Company

  
\_\_\_\_\_  
N. A. Loftis, Assistant Secretary 



United States Department of Interior

BUREAU OF LAND MANAGEMENT

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

In Reply Refer To:  
3106  
UTU-47157 et al  
(UT-932)

JAN 30 2001

NOTICE

Phillips Petroleum Company : Oil and Gas  
Attn: W. H. Rainbolt, Rocky Mtn. Region-Land :  
Box 1967 :  
Houston, TX 77251-1967 :

Merger Recognized

Acceptable evidence has been filed in this office concerning the merger of River Gas Corporation into Phillips Petroleum Company with Phillips Petroleum Company being the surviving entity.

The oil and gas lease files and rights-of-way files identified on the enclosed exhibit have been noted as to the merger. The exhibit is the list supplied by the representative of the companies, and verified by our computerized records. We have not adjudicated the case files to determine if the entity affected by the merger 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 interest. We are notifying the Minerals Management Service and all applicable BLM offices of the merger by a copy of this notice. If additional documentation for a change of operator is required by our Field Offices, you will be contacted by them.

By recognition of the merger the obligor is automatically changed by operation of law from River Gas Corporation to Phillips Petroleum Company on Letter of Credit No. P-207337 (BLM Bond No. UT0829). A rider to BLM Bond No. ES0048 assuming any and all liabilities of BLM Bond No. UT0829 must be submitted for approval to the Eastern States Office, Attn: Bill Forbes, 7450 Boston Boulevard, Springfield, VA 22153. After the rider is approved, the Letter of Credit will be returned to the financial institution that issued it.

**ROBERT LOPEZ**

Robert Lopez  
Chief, Branch of  
Minerals Adjudication

Enclosure  
Exhibit of Leases

RECEIVED

JAN 30 2001

DIVISION OF  
OIL, GAS AND MINERAL

cc:

Moab Field Office

Vernal Field Office

Price Field Office

MMS-Reference Data Branch, MS 3130, P.O. Box 5860, Denver, CO 80217

State of Utah, DOGM, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC, UT 84114

The Chase Manhattan Bank, Attn: Standby Letter of Credit Dept., 4 Chase Metrotech Center, 8<sup>th</sup> Floor  
Brooklyn, NY 11245

Teresa Thompson (UT-931)

LaVerne Steah (UT-942)

Pruitt, Gushee & Bachtell, Attn: Frederick M. MacDonald, Suite 1850 Beneficial Life Tower,  
Salt Lake City, Utah 84111-1495

BLM, Eastern States Office (Attn: Bill Forbes)

**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. GLH		4-KAS
2. CDW	<input checked="" type="checkbox"/>	5- <del>SP</del>
3. JLT		6-FILE

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

**X Merger**

The operator of the well(s) listed below has changed, effective: **12-31-2000**

<b>FROM:</b> (Old Operator):
RIVER GAS CORPORATION
Address: 6825 S. 5300 W. P. O. BOX 851
PRICE, UT 84501
Phone: 1-(435)-613-9777
Account N1605

<b>TO:</b> ( New Operator):
PHILLIPS PETROLEUM COMPANY
Address: P. O. BOX 3368
ENGLEWOOD, CO 80155-3368
Phone: 1-(720)-344-4984
Account N1475

**CA No.**

**Unit: DRUNKARDS WASH**

**WELL(S)**

NAME	API NO.	ENTITY NO.	SEC. TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
USA 25-389	43-007-30600	11256	25-14S-08E	STATE	GW	P
USA 25-390	43-007-30599	11256	25-14S-08E	STATE	GW	P
USA 25-392	43-007-30602	11256	25-14S-08E	STATE	GW	P
USA 36-162	43-007-30315	11256	36-14S-08E	STATE	GW	P
USA 36-163	43-007-30316	11256	36-14S-08E	STATE	GW	P
USA 36-164	43-007-30317	11256	36-14S-08E	STATE	GW	P
USA 36-165	43-007-30318	11256	36-14S-08E	STATE	GW	P
USA 10-294	43-007-30497	11256	10-14S-09E	STATE	GW	P
USA 13-92	43-007-30439	11256	13-14S-09E	STATE	GW	P
USA 22-76	43-007-30251	11256	22-14S-09E	STATE	GW	P
USA 23-4-20	43-007-30194	11256	23-14S-09E	STATE	GW	P
USA 23-14-21	43-007-30200	11256	23-14S-09E	STATE	GW	P
USA 23-9-22	43-007-30201	11256	23-14S-09E	STATE	GW	P
USA 23-2-19	43-007-30207	11256	23-14S-09E	STATE	GW	P
USA 24-3-16	43-007-30187	11256	24-14S-09E	STATE	GW	P
USA 24-01-15	43-007-30191	11256	24-14S-09E	STATE	GW	P
USA 24-16-18	43-007-30192	11256	24-14S-09E	STATE	GW	P
USA 24-12-17	43-007-30208	11256	24-14S-09E	STATE	GW	P
STATE OF UTAH 25-9-1	43-007-30130	11256	25-14S-09E	STATE	GW	P
USA 23-107	43-007-30281	11256	23-15S-09E	STATE	GW	P

**OPERATOR CHANGES DOCUMENTATION**

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 01/29/2001
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 01/29/2001
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 02/15/2001

4. Is the new operator registered in the State of Utah: YES Business Number: 562960-0143
5. If **NO**, the operator was contacted on: \_\_\_\_\_
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: 01/30/2001
7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: N/A
8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A
9. **Underground Injection Control ("UIC") Pro:** 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:**

1. Changes entered in the **Oil and Gas Database** on: 02/26/2001
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 02/26/2001
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

**STATE BOND VERIFICATION:**

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

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

1. (R649-3-1) The **NEW** operator of any fee well(s) listed has furnished a bond: N/A
2. The **FORMER** operator has requested a release of liability from their bond on: N/A  
The Division sent response by letter on: N/A
3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

**FILMING:**

1. All attachments to this form have been **MICROFILMED** on: 3-20-01

**FILING:**

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

**COMMENTS:**

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

ORIGINAL

**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: <input checked="" type="checkbox"/>	5. Lease Designation and Serial Number: ML-45691
2. Name of Operator: Phillips Petroleum Company	6. If Indian, Allottee or Tribe Name: N/A
3. Address and Telephone Number: 6825 South 5300 West, P.O. Box 851, Price, UT 84501 (435) 613-9777	7. Unit Agreement Name: UTU67921X Drunkards Wash
4. Location of Well Footages: 1252' FNL, 1255' FWL	8. Well Name and Number: UTAH 23-107
QQ, Sec., T., R., M.: NW/NW, SEC. 23, T15S, R09E, SLB & M	9. API Well Number: 43-007-30281
	10. Field or Pool, or Wildcat: Drunkards Wash
	County: Carbon County 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 _____ Approximate date work will start _____	<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 <u>Chemical/Flush Treatment</u> Date of work completion <u>10/08/2002</u>
<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Csg <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 Csg <input type="checkbox"/> Reperforate <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off

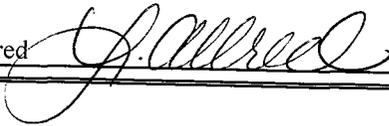
Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.  
\* Must be accompanied by a cement verification report.

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

Please be advised that the above referenced well was chemically treated with 250 gallons 15% HCl-Additives on 10/08/2002.

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NOV 18 2002  
DIVISION OF  
OIL, GAS AND MINING

13.

Name & Signature: Lynnette Allred  Title: Operations Clerk—Production Date: 11/07/2002

(This space for state use only)



Re: Notice of Address Change, Merger and Name Change  
Address Change effective **December 2, 2002**  
Merger and Name Change effective **December 31, 2002**

Divisions of Oil, Gas, and Mining  
Attn: Mr. John Baza  
1594 West North Temple,  
Suite 1210, P. O. Box 145801  
Salt Lake City, UT 84114-5801

Gentlemen:

1. Effective December 2, 2002, Phillips Petroleum Company will close its Englewood, Colorado Rocky Mountain Region office. After that time, all correspondence, notices and invoice for Land related matters should be directed to the address(es) noted below. Note that until December 31, 2002, all properties in which Phillips held an interest will continue to be operated by Phillips Petroleum Company, a wholly-owned subsidiary of ConocoPhillips.

2. On December 31, 2002, Phillips Petroleum Company and Conoco Inc. will merge, and the surviving corporation will be renamed "ConocoPhillips Company".

In accordance with the notice provisions of the Operating Agreements and other agreements, if any, between our companies, please adjust your company/organization records, effective for address purposes as of December 2, 2002, and for company name purposes, as of January 1, 2003, to reflect the following information for addressing and delivery of notices, invoicing and payment, and communications with ConocoPhillips Company. This will also apply to Lease Sale notices and other lease-related correspondence and notifications.

**U.S. Mail Address:**

ConocoPhillips Company  
P.O. Box 2197  
Houston, Texas 77252  
Attn: Chief Landman,  
San Juan/Rockies

**Physical Address & Overnight Delivery:**

ConocoPhillips Company  
550 Westlake Park Blvd.  
Three Westlake Park  
3WL, Room WL 9000  
Houston, Texas 77079  
Attn: Chief Landman,  
San Juan/Rockies

**All ballots and official notices/responses sent by facsimile transmission should be sent to the following contact:**

Attn: Chief Landman,  
San Juan/Rockies

Fax No.: 832-486-2688 or  
832-486-2687

Please contact the undersigned immediately if you have any questions. This notice does not apply to royalty inquiries, joint interest billings, or revenue remittances. Please continue to use the same addresses you are currently using for these matters

Sincerely,

*William Rainbolt*

**RECEIVED**

DEC 02 2002

DIVISION OF  
OIL, GAS AND MINING

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

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

		5. LEASE DESIGNATION AND SERIAL NUMBER:
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>All</u>		8. WELL NAME and NUMBER: See Attached List
2. NAME OF OPERATOR: Phillips Petroleum Company		9. API NUMBER: See List
3. ADDRESS OF OPERATOR: 980 Plaza Office CITY Bartlesville STATE OK ZIP 74004		10. FIELD AND POOL, OR WILDCAT:
4. LOCATION OF WELL FOOTAGES AT SURFACE: See Attached List		COUNTY:
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		STATE: <b>UTAH</b>

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input checked="" 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.

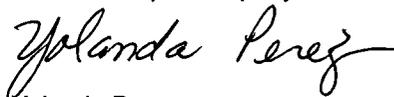
Conoco Inc. was merged into Phillips Petroleum Company, the surviving corporation, on December 31, 2002. In connection with this merger and effective on the same date, the name of the surviving corporation was changed to "ConocoPhillips Company". We are requesting that a new Operator Number be assigned to ConocoPhillips Company.

Please send production reporting forms to Herb Henderson at ConocoPhillips Company, 315 S. Johnstone, 980 Plaza Office, Bartlesville, OK 74004. Herb's phone number is 918-661-4415.

Current Operator  
Phillips Petroleum Company

  
Steve de Albuquerque

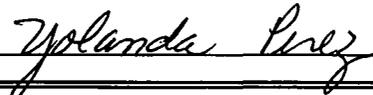
New Operator  
ConocoPhillips Company

  
Yolanda Perez

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**JAN 08 2003**

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) <u>Yolanda Perez</u>	TITLE <u>Sr. Regulatory Analyst</u>
SIGNATURE 	DATE <u>12/30/2002</u>

(This space for State use only)

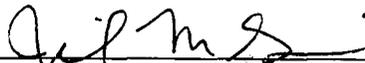


## SECRETARY'S CERTIFICATE

I, the undersigned, Jennifer M. Garcia, Assistant Secretary of ConocoPhillips Company, formerly Phillips Petroleum Company, organized and existing under and by virtue of the laws of the State of Delaware (the "Corporation"), hereby certify that:

1. As Assistant Secretary I am authorized to execute this certificate on behalf of the Corporation.
2. The attached photocopy of the Certificate of Amendment to the Restated Certificate of Incorporation of Phillips Petroleum Company (to be renamed ConocoPhillips Company) is a true and correct copy as filed in the office of the Secretary of State of Delaware on the 12<sup>th</sup> day of December 2002, with an effective date of January 1, 2003 and such Certificate of Amendment has not been modified, amended, rescinded or revoked and is in full force and effect as of the date hereof.
3. The attached photocopy of the Certificate of Merger of Conoco Inc. with and into ConocoPhillips Company is a true and correct copy as filed in the office of the Secretary of State of Delaware on the 12<sup>th</sup> day of December 2002, with an effective date of December 31, 2002 and such Certificate of Merger has not been modified, amended, rescinded or revoked and is in full force and effect as of the date hereof.

IN WITNESS WHEREOF, I have hereunto set my hand as Assistant Secretary and affixed the corporate seal of the Corporation this 7th day of January 2003.

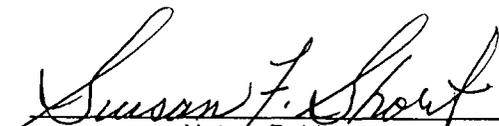
  
 Assistant Secretary  
 ConocoPhillips Company

STATE OF TEXAS           §  
                                      §  
 COUNTY OF HARRIS       §

This instrument was acknowledged before me on January 7, 2003, by Jennifer M. Garcia, Assistant Secretary of ConocoPhillips Company, a Delaware corporation, on behalf of said Corporation.



RECEIVED  
 JAN 08 2003

  
 Notary Public

# Delaware

PAGE 1

*The First State*

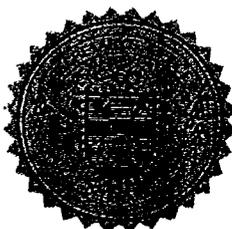
I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "PHILLIPS PETROLEUM COMPANY", CHANGING ITS NAME FROM "PHILLIPS PETROLEUM COMPANY" TO "CONOCOPHILLIPS COMPANY", FILED IN THIS OFFICE ON THE TWELFTH DAY OF DECEMBER, A.D. 2002, AT 1:41 O'CLOCK P.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF AMENDMENT IS THE THIRTY-FIRST DAY OF DECEMBER, A.D. 2002, AT 11 O'CLOCK P.M.

RECEIVED

JAN 08 2003

DIV. OF OIL, GAS & MINING



0064324 8100

030002793

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

AUTHENTICATION: 2183360

DATE: 01-02-03

FROM RL&F#1

(THU) 12. 12 '02 13:32/ST. 13

STATE OF DELAWARE  
SECRETARY OF STATE P. 5  
DIVISION OF CORPORATIONS  
FILED 01:41 PM 12/12/2002  
020763238 - 0064324

**CERTIFICATE OF AMENDMENT**  
to the  
**RESTATED CERTIFICATE OF INCORPORATION**  
of

**PHILLIPS PETROLEUM COMPANY**  
(to be renamed ConocoPhillips Company)

Phillips Petroleum Company ("Phillips"), a corporation organized and existing under the General Corporation Law of the State of Delaware (the "DGCL"), hereby certifies that:

1. The amendments to Phillips' Restated Certificate of Incorporation set forth below were duly adopted in accordance with the provisions of Section 242 of the DGCL and have been consented to in writing by the sole stockholder of Phillips in accordance with Section 228 of the DGCL.

2. Phillips' Restated Certificate of Incorporation is hereby amended by deleting Article I thereof and replacing in lieu thereof a new Article I reading in its entirety as follows:

"The name of the corporation (which is hereinafter referred to as the "Corporation") is ConocoPhillips Company."

3. Phillips' Restated Certificate of Incorporation is hereby amended by deleting Section 1 of Article IV thereof and replacing in lieu thereof a new Section 1 reading in its entirety as follows:

"Section 1. The Corporation shall be authorized to issue 2,100 shares of capital stock, of which 2,100 shares shall be shares of Common Stock, \$.01 par value ("Common Stock")."

4. Pursuant to Section 103(d) of the DGCL, this amendment will become effective at 11:00 p.m., Eastern time, on December 31, 2002.

HOU03:884504.1

RECEIVED

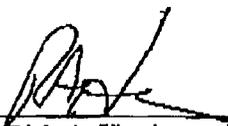
JAN 08 2003

DIV. OF OIL, GAS & MINING

IN WITNESS WHEREOF, Phillips has caused this certificate to be executed this 12th day of December, 2002.

PHILLIPS PETROLEUM COMPANY

W3

By:   
Name: Rick A. Harrington  
Title: Senior Vice President, Legal,  
and General Counsel

RECEIVED  
JAN 08 2003  
DIV. OF OIL, GAS & MINING

# Delaware

PAGE 1

*The First State*

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

"CONOCO INC.", A DELAWARE CORPORATION,

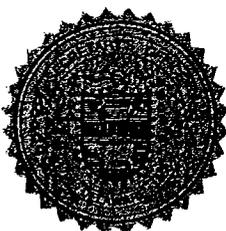
WITH AND INTO "CONOCOPHILLIPS COMPANY" UNDER THE NAME OF "CONOCOPHILLIPS COMPANY", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE TWELFTH DAY OF DECEMBER, A.D. 2002, AT 1:44 O'CLOCK P.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF MERGER IS THE THIRTY-FIRST DAY OF DECEMBER, A.D. 2002, AT 11:59 O'CLOCK P.M.

RECEIVED

JAN 08 2003

DIV. OF OIL, GAS & MINING



0064324 8100M

030002793

*Harriet Smith Windsor*

Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 2183370

DATE: 01-02-03

**CERTIFICATE OF MERGER**

of

**Conoco Inc.**  
**(a Delaware corporation)**

with and into

**ConocoPhillips Company**  
**(a Delaware corporation)**

Phillips Petroleum Company, a Delaware corporation to be renamed ConocoPhillips Company prior to the effective time of this certificate of merger (the "Surviving Corporation"), in compliance with the requirements of the General Corporation Law of the State of Delaware (the "DGCL") and desiring to effect a merger of Conoco Inc., a Delaware corporation formerly incorporated under the name Du Pont Holdings, Inc. (the "Merging Corporation," and together with the Surviving Corporation, the "Constituent Corporations"), with and into the Surviving Corporation, and acting by its duly authorized officer, DOES HEREBY CERTIFY that:

**First:** As of the date hereof, the name and state of incorporation of each of the Constituent Corporations of the merger are as follows:

<u>NAME</u>	<u>STATE OF INCORPORATION</u>
PHILLIPS PETROLEUM COMPANY	Delaware
CONOCO INC.	Delaware

**Second:** An agreement and plan of merger has been approved, adopted, certified, executed and acknowledged by each of the Constituent Corporations in accordance with the requirements of Section 251 of the DGCL;

**Third:** The name of the Surviving Corporation will be ConocoPhillips Company;

**Fourth:** The Certificate of Incorporation of ConocoPhillips Company immediately prior to the merger shall be the Certificate of Incorporation of the Surviving Corporation until such time as it may be amended in accordance with applicable law and the provisions thereof;

**Fifth:** The executed agreement and plan of merger is on file at an office of the Surviving Corporation, the address of which is 600 North Dairy Ashford, Houston, Texas 77079;

RECEIVED

JAN 08 2003

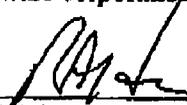
**Sixth:** A copy of the agreement and plan of merger will be furnished by the Surviving Corporation, on request and without cost, to any stockholder of any Constituent Corporation; and

**Seventh:** Pursuant to Section 103(d) of the DGCL, this certificate of merger will become effective at 11:59 p.m., Eastern time, on December 31, 2002.

Dated: December 12, 2002

**PHILLIPS PETROLEUM COMPANY**  
(a Delaware corporation)

23

By:   
Name: Rick A. Harrington  
Title: Senior Vice President, Legal,  
and General Counsel

RECEIVED  
JAN 08 2003  
DIV. OF OIL, GAS & MINING

STATE OF UTAH  
DEPARTMENT OF COMMERCE  
REGISTRATION

CONOCOPHILLIPS COMPANY

EFFECTIVE  
06/14/1946

EXPIRATION  
\*RENEWAL

REFERENCE NUMBER(S), CLASSIFICATION(S) & DETAIL(S)

Corporation - Foreign - Profit  
562960-0143

UNITED STATES CORP CO  
CONOCOPHILLIPS COMPANY  
GATEWAY TOWER EAST STE 900  
10 EAST SOUTH TEMPLE  
SLC UT 84133

RECEIVED

JAN 08 2003

DIV. OF OIL, GAS & MINING

STATE OF UTAH  
DEPARTMENT OF COMMERCE  
DIVISION OF CORPORATIONS & COMMERCIAL CODE  
REGISTRATION

EFFECTIVE DATE: 06/14/1946  
EXPIRATION DATE: \*RENEWAL  
ISSUED TO: CONOCOPHILLIPS COMPANY



REFERENCE NUMBER(S), CLASSIFICATION(S) & DETAIL(S)

562960-0143 Corporation - Foreign - Profit

\*RENEWAL

You will need to renew your registration each anniversary date of the effective date.

Exceptions: DBAs and Business Trusts renew every three (3) years from the effective date.

## Utah Well List as of 12/26/02

API Well Number	Well Name	Well Type	Well Status	Sec	Twpn	Twpd	Rngn	Rngd
43-007-30887-00-00	ANDREEN 32-529	Gas Well	APD	32	14	S	10	E
43-007-30865-00-00	COTNER 29-549	Gas Well	APD	29	14	S	10	E
43-007-30837-00-00	DALLIN 32-615	Gas Well	APD	32	13	S	9	E
43-047-34551-00-00	FED 43-24-3 #1	Gas Well	APD	24	10	S	17	E
43-047-33982-00-00	FEDERAL 12-17 #1	Gas Well	APD	17	10	S	18	E
43-047-34471-00-00	FEDERAL 12-29-7 1	Gas Well	APD	29	9	S	19	E
43-047-34472-00-00	FEDERAL 31-31-6 1	Gas Well	APD	31	9	S	19	E
43-007-30864-00-00	MCKENDRICK 29-548	Gas Well	APD	29	14	S	10	E
43-015-30512-00-00	PPCO 19-379	Gas Well	APD	19	16	S	9	E
43-015-30515-00-00	PPCO 24-562	Gas Well	APD	24	16	S	8	E
43-015-30548-00-00	PPCO 30-605	Gas Well	APD	30	16	S	9	E
43-007-30888-00-00	PRICE 32-438	Gas Well	APD	32	14	S	10	E
43-007-30813-00-00	RITZAKIS 33-514	Gas Well	APD	33	13	S	9	E
43-007-30766-00-00	RITZAKIS 33-516	Gas Well	APD	33	13	S	9	E
43-007-30838-00-00	ROWLEY 32-616	Gas Well	APD	32	13	S	9	E
43-007-30863-00-00	SCHMIDT 29-531	Gas Well	APD	29	14	S	10	E
43-007-30797-00-00	SEELY 15-498	Gas Well	APD	15	14	S	8	E
43-007-30798-00-00	SEELY 15-499	Gas Well	APD	15	14	S	8	E
43-007-30799-00-00	SEELY 15-500	Gas Well	APD	15	14	S	8	E
43-007-30796-00-00	SEELY 22-492	Gas Well	APD	22	14	S	8	E
43-007-30801-00-00	SEELY 22-502	Gas Well	APD	22	14	S	8	E
43-007-30802-00-00	SEELY 22-503	Gas Well	APD	22	14	S	8	E
43-007-30711-00-00	USA 09-452	Gas Well	APD	9	15	S	8	E
43-015-30351-00-00	USA 11-313	Gas Well	APD	11	16	S	9	E
43-015-30398-00-00	USA 12-385	Gas Well	APD	12	16	S	9	E
43-015-30409-00-00	USA 12-426	Gas Well	APD	12	16	S	9	E
43-007-30805-00-00	USA 14-490	Gas Well	APD	14	14	S	8	E
43-007-30806-00-00	USA 14-491	Gas Well	APD	14	14	S	8	E
43-007-30676-00-00	USA 15-421	Gas Well	APD	15	15	S	8	E
43-015-30417-00-00	USA 21-427	Gas Well	APD	21	16	S	9	E
43-015-30416-00-00	USA 21-428	Gas Well	APD	21	16	S	9	E
43-015-30415-00-00	USA 21-429	Gas Well	APD	21	16	S	9	E
43-007-30515-00-00	USA 31-309	Gas Well	APD	31	15	S	10	E
43-007-30835-00-00	USA 33-515	Gas Well	APD	33	13	S	9	E
43-007-30836-00-00	USA 33-624	Gas Well	APD	33	13	S	9	E
43-007-30803-00-00	USA 34-518	Gas Well	APD	34	14	S	8	E
43-007-30478-00-00	UTAH 05-224	Gas Well	APD	5	15	S	9	E
43-015-30411-00-00	UTAH 16-365	Gas Well	APD	16	16	S	9	E
43-015-30412-00-00	UTAH 16-366	Gas Well	APD	16	16	S	9	E
43-015-30413-00-00	UTAH 16-430	Gas Well	APD	16	16	S	9	E
43-015-30299-00-00	UTAH 18-374	Gas Well	APD	18	16	S	9	E
43-015-30420-00-00	UTAH 19-377	Gas Well	APD	19	16	S	9	E
43-015-30492-00-00	UTAH 19-378	Gas Well	APD	19	16	S	9	E
43-007-30891-00-00	UTAH 19-533	Gas Well	APD	19	14	S	10	E
43-015-30414-00-00	UTAH 20-381	Gas Well	APD	20	16	S	9	E
43-015-30421-00-00	UTAH 20-382	Gas Well	APD	20	16	S	9	E
43-015-30518-00-00	UTAH 25-576	Gas Well	APD	25	16	S	8	E
43-015-30539-00-00	UTAH 25-578	Gas Well	APD	25	16	S	8	E
43-015-30540-00-00	UTAH 25-579	Gas Well	APD	25	16	S	8	E
43-007-30817-00-00	UTAH 25-618	Gas Well	APD	25	13	S	9	E
43-015-30543-00-00	UTAH 26-582	Gas Well	APD	26	16	S	8	E
43-015-30547-00-00	UTAH 29-608	Gas Well	APD	29	16	S	9	E
43-007-30889-00-00	UTAH 32-128	Gas Well	APD	32	14	S	10	E
43-007-30814-00-00	UTAH 35-506	Gas Well	APD	35	13	S	9	E

## Utah Well List as of 12/26/02

API Well Number	Well Name	Well Type	Well Status	Sec	Twpn	Twpd	Rngn	Rngd
43-047-33750-00-00	FEDERAL 34-29	Gas Well	P	29	9	S	19	E
43-007-30782-00-00	GAROFOLA 26-482	Gas Well	P	26	15	S	8	E
43-007-30335-00-00	GIACOLETTO 11-113	Gas Well	P	11	14	S	9	E
43-007-30407-00-00	GIACOLETTO 13-120	Gas Well	P	13	14	S	9	E
43-007-30345-00-00	GIACOLETTO 14-121	Gas Well	P	14	14	S	9	E
43-007-30487-00-00	HELPER & ASSOC 07-307	Gas Well	P	7	15	S	9	E
43-007-30459-00-00	HELPER & ASSOC 18-236	Gas Well	P	18	15	S	9	E
43-007-30720-00-00	HELPER & ASSOC 18-308	Gas Well	P	18	15	S	9	E
43-007-30412-00-00	HELPER & ASSOC 8-232	Gas Well	P	8	15	S	9	E
43-007-30258-00-00	HELPER & ASSOCIATES 7-84	Gas Well	P	7	15	S	9	E
43-007-30588-00-00	JENSEN 16-132	Gas Well	P	16	15	S	10	E
43-007-30420-00-00	KAKATSIDES 31-197	Gas Well	P	31	14	S	9	E
43-007-30296-00-00	LDS 17-133	Gas Well	P	17	15	S	10	E
43-007-30323-00-00	PAAR 16-146	Gas Well	P	16	14	S	9	E
43-047-34286-00-00	PETES WASH 23-12 #1	Gas Well	P	12	10	S	17	E
43-007-30748-00-00	PIERUCCI 25-461	Gas Well	P	25	15	S	8	E
43-007-30749-00-00	PIERUCCI 25-462	Gas Well	P	25	15	S	8	E
43-007-30754-00-00	PIERUCCI 26-463	Gas Well	P	26	15	S	8	E
43-007-30755-00-00	PIERUCCI 26-464	Gas Well	P	26	15	S	8	E
43-007-30745-00-00	PIERUCCI 26-481	Gas Well	P	26	15	S	8	E
43-007-30117-00-00	PINNACLE PEAK 19-171	Gas Well	P	19	14	S	9	E
43-007-30845-00-00	PMC 10-526	Gas Well	P	10	15	S	8	E
43-007-30282-00-00	POWELL 19-104	Gas Well	P	19	15	S	10	E
43-007-30283-00-00	POWELL 19-105	Gas Well	P	19	15	S	10	E
43-007-30346-00-00	POWELL 30-173	Gas Well	P	30	15	S	10	E
43-015-30279-00-00	PPCO 10-557	Gas Well	P	10	16	S	8	E
43-015-30494-00-00	PPCO 15-555	Gas Well	P	15	16	S	8	E
43-007-30211-00-00	PRETTYMAN 10-15-34	Gas Well	P	10	14	S	9	E
43-007-30340-00-00	PRETTYMAN 11-114	Gas Well	P	11	14	S	9	E
43-007-30653-00-00	RGC 21-331	Gas Well	P	21	15	S	9	E
43-007-30743-00-00	RGC 21-332	Gas Well	P	21	15	S	9	E
43-007-30747-00-00	RGC 25-460	Gas Well	P	25	15	S	8	E
43-007-30559-00-00	RGC 28-318	Gas Well	P	28	15	S	9	E
43-007-30518-00-00	RGC 28-319	Gas Well	P	28	15	S	9	E
43-007-30509-00-00	RITZAKIS 03-408	Gas Well	P	3	14	S	9	E
43-007-30473-00-00	RITZAKIS 5-304	Gas Well	P	5	14	S	9	E
43-007-30474-00-00	RITZAKIS 5-305	Gas Well	P	5	14	S	9	E
43-007-30475-00-00	RITZAKIS 8-298	Gas Well	P	8	14	S	9	E
43-007-30479-00-00	RITZAKIS 8-299	Gas Well	P	8	14	S	9	E
43-007-30476-00-00	RITZAKIS 8-300	Gas Well	P	8	14	S	9	E
43-007-30374-00-00	ROBERTSON 32-127	Gas Well	P	32	14	S	10	E
43-007-30610-00-00	SAMPINOS 16-131	Gas Well	P	16	15	S	10	E
43-007-30723-00-00	SAMPINOS 16-454	Gas Well	P	16	15	S	10	E
43-007-30765-00-00	SAMPINOS 16-521	Gas Well	P	16	15	S	10	E
43-007-30800-00-00	SEELY 22-501	Gas Well	P	22	14	S	8	E
43-007-30130-00-00	ST OF UT 25-9-1	Gas Well	P	25	14	S	9	E
43-007-30142-00-00	ST OF UT 36-3-4	Gas Well	P	36	14	S	9	E
43-007-30116-00-00	STELLA-HAMAKER 10-174	Gas Well	P	10	15	S	8	E
43-007-30746-00-00	TABOR 23-468	Gas Well	P	23	15	S	8	E
43-007-30319-00-00	TELONIS 15-142	Gas Well	P	15	14	S	9	E
43-007-30322-00-00	TELONIS 16-145	Gas Well	P	16	14	S	9	E
43-007-30300-00-00	TELONIS 19-150	Gas Well	P	19	14	S	9	E
43-007-30299-00-00	TELONIS 19-151	Gas Well	P	19	14	S	9	E
43-007-30327-00-00	TELONIS 20-152	Gas Well	P	20	14	S	9	E

## Utah Well List as of 12/26/02

API Well Number	Well Name	Well Type	Well Status	Sec	Twpn	Twpd	Rngn	Rngd
43-007-30631-00-00	USA 13-419	Gas Well	P	13	15	S	8	E
43-007-30707-00-00	USA 13-447	Gas Well	P	13	14	S	8	E
43-007-30706-00-00	USA 13-470	Gas Well	P	13	14	S	8	E
43-007-30789-00-00	USA 13-474	Gas Well	P	13	14	S	8	E
43-007-30790-00-00	USA 13-475	Gas Well	P	13	14	S	8	E
43-007-30568-00-00	USA 13-91	Gas Well	P	13	14	S	9	E
43-007-30404-00-00	USA 14-122	Gas Well	P	14	14	S	9	E
43-015-30418-00-00	USA 1-425	Gas Well	P	1	16	S	9	E
43-007-30579-00-00	USA 14-325	Gas Well	P	14	15	S	8	E
43-007-30634-00-00	USA 14-386	Gas Well	P	14	15	S	8	E
43-007-30646-00-00	USA 14-416	Gas Well	P	14	15	S	8	E
43-007-30647-00-00	USA 14-417	Gas Well	P	14	15	S	8	E
43-007-30791-00-00	USA 14-476	Gas Well	P	14	14	S	8	E
43-007-30792-00-00	USA 14-477	Gas Well	P	14	14	S	8	E
43-007-30529-00-00	USA 14-74	Gas Well	P	14	14	S	9	E
43-007-30263-00-00	USA 14-75	Gas Well	P	14	14	S	9	E
43-007-30450-00-00	USA 15-176	Gas Well	P	15	14	S	9	E
43-007-30423-00-00	USA 15-177	Gas Well	P	15	14	S	9	E
43-007-30690-00-00	USA 15-420	Gas Well	P	15	15	S	8	E
43-007-30691-00-00	USA 15-422	Gas Well	P	15	15	S	8	E
43-007-30264-00-00	USA 15-88	Gas Well	P	15	14	S	9	E
43-007-30422-00-00	USA 17-179	Gas Well	P	17	14	S	9	E
43-007-30622-00-00	USA 17-180A	Gas Well	P	17	14	S	9	E
43-007-30618-00-00	USA 18-181	Gas Well	P	18	14	S	9	E
43-007-30417-00-00	USA 18-182	Gas Well	P	18	14	S	9	E
43-007-30619-00-00	USA 18-435	Gas Well	P	18	14	S	9	E
43-007-30393-00-00	USA 19-222	Gas Well	P	19	15	S	10	E
43-007-30392-00-00	USA 19-73	Gas Well	P	19	15	S	10	E
43-007-30448-00-00	USA 20-287	Gas Well	P	20	15	S	10	E
43-007-30451-00-00	USA 20-288	Gas Well	P	20	15	S	10	E
43-007-30590-00-00	USA 20-398	Gas Well	P	20	15	S	10	E
43-007-30591-00-00	USA 20-399	Gas Well	P	20	15	S	10	E
43-007-30424-00-00	USA 21-184	Gas Well	P	21	14	S	9	E
43-007-30425-00-00	USA 21-35	Gas Well	P	21	14	S	9	E
43-007-30426-00-00	USA 22-185	Gas Well	P	22	14	S	9	E
43-007-30477-00-00	USA 22-186	Gas Well	P	22	14	S	9	E
43-007-30700-00-00	USA 22-466	Gas Well	P	22	15	S	8	E
43-007-30611-00-00	USA 23-423	Gas Well	P	23	14	S	8	E
43-007-30650-00-00	USA 23-445	Gas Well	P	23	15	S	8	E
43-007-30704-00-00	USA 23-451	Gas Well	P	23	15	S	8	E
43-007-30503-00-00	USA 23-467	Gas Well	P	23	15	S	8	E
43-007-30793-00-00	USA 23-478	Gas Well	P	23	14	S	8	E
43-007-30794-00-00	USA 23-479	Gas Well	P	23	14	S	8	E
43-007-30795-00-00	USA 23-480	Gas Well	P	23	14	S	8	E
43-007-30469-00-00	USA 24-183	Gas Well	P	24	14	S	8	E
43-007-30612-00-00	USA 24-387	Gas Well	P	24	14	S	8	E
43-007-30613-00-00	USA 24-388	Gas Well	P	24	14	S	8	E
43-007-30651-00-00	USA 24-443	Gas Well	P	24	15	S	8	E
43-007-30648-00-00	USA 24-444	Gas Well	P	24	15	S	8	E
43-007-30708-00-00	USA 24-446	Gas Well	P	24	14	S	8	E
43-007-30652-00-00	USA 24-448	Gas Well	P	24	15	S	8	E
43-007-30705-00-00	USA 24-449	Gas Well	P	24	15	S	8	E
43-007-30505-00-00	USA 25-459	Gas Well	P	25	15	S	8	E
43-007-30614-00-00	USA 26-393	Gas Well	P	26	14	S	8	E

## Utah Well List as of 12/26/02

API Well Number	Well Name	Well Type	Well Status	Sec	Twpn	Twpd	Rngn	Rngd
43-007-30430-00-00	UTAH 06-223	Gas Well	P	6	15	S	9	E
43-007-30562-00-00	UTAH 06-330	Gas Well	P	6	15	S	9	E
43-007-30716-00-00	UTAH 06-483	Gas Well	P	6	15	S	9	E
43-007-30409-00-00	UTAH 07-234	Gas Well	P	7	15	S	9	E
43-007-30421-00-00	UTAH 07-235	Gas Well	P	7	15	S	9	E
43-007-30411-00-00	UTAH 08-231	Gas Well	P	8	15	S	9	E
43-007-30488-00-00	UTAH 08-233	Gas Well	P	8	15	S	9	E
43-015-30464-00-00	UTAH 08-354	Gas Well	P	8	16	S	9	E
43-015-30378-00-00	UTAH 08-355	Gas Well	P	8	16	S	9	E
43-015-30379-00-00	UTAH 08-356	Gas Well	P	8	16	S	9	E
43-015-30380-00-00	UTAH 08-357	Gas Well	P	8	16	S	9	E
43-007-30449-00-00	UTAH 09-227	Gas Well	P	9	15	S	9	E
43-007-30561-00-00	UTAH 09-329	Gas Well	P	9	15	S	9	E
43-015-30300-00-00	UTAH 09-358	Gas Well	P	9	16	S	9	E
43-015-30407-00-00	UTAH 09-359	Gas Well	P	9	16	S	9	E
43-015-30397-00-00	UTAH 09-360	Gas Well	P	9	16	S	9	E
43-015-30408-00-00	UTAH 09-361	Gas Well	P	9	16	S	9	E
43-007-30580-00-00	UTAH 09-412	Gas Well	P	9	15	S	10	E
43-007-30605-00-00	UTAH 09-413	Gas Well	P	9	15	S	10	E
43-007-30657-00-00	UTAH 09-450	Gas Well	P	9	15	S	10	E
43-007-30722-00-00	UTAH 09-453	Gas Well	P	9	15	S	10	E
43-007-30302-00-00	UTAH 10-01-36	Gas Well	P	10	15	S	9	E
43-007-30298-00-00	UTAH 10-219	Gas Well	P	10	15	S	9	E
43-007-30432-00-00	UTAH 10-220	Gas Well	P	10	15	S	9	E
43-007-30303-00-00	UTAH 10-221	Gas Well	P	10	15	S	9	E
43-007-30228-00-00	UTAH 11-50	Gas Well	P	11	15	S	9	E
43-007-30229-00-00	UTAH 11-51	Gas Well	P	11	15	S	9	E
43-007-30230-00-00	UTAH 11-52	Gas Well	P	11	15	S	9	E
43-007-30231-00-00	UTAH 11-53	Gas Well	P	11	15	S	9	E
43-007-30467-00-00	UTAH 1-209	Gas Well	P	1	15	S	8	E
43-007-30210-00-00	UTAH 12-15-37	Gas Well	P	12	15	S	9	E
43-007-30232-00-00	UTAH 12-54	Gas Well	P	12	15	S	9	E
43-007-30233-00-00	UTAH 12-55	Gas Well	P	12	15	S	9	E
43-007-30234-00-00	UTAH 12-56	Gas Well	P	12	15	S	9	E
43-015-30493-00-00	UTAH 13-376	Gas Well	P	13	16	S	8	E
43-015-30301-00-00	UTAH 13-550	Gas Well	P	13	16	S	8	E
43-007-30243-00-00	UTAH 13-65	Gas Well	P	13	15	S	9	E
43-007-30244-00-00	UTAH 13-66	Gas Well	P	13	15	S	9	E
43-007-30245-00-00	UTAH 13-67	Gas Well	P	13	15	S	9	E
43-007-30246-00-00	UTAH 13-68	Gas Well	P	13	15	S	9	E
43-007-30439-00-00	UTAH 13-92	Gas Well	P	13	14	S	9	E
43-007-30220-00-00	UTAH 1-42	Gas Well	P	1	15	S	9	E
43-007-30221-00-00	UTAH 1-43	Gas Well	P	1	15	S	9	E
43-007-30222-00-00	UTAH 1-44	Gas Well	P	1	15	S	9	E
43-007-30223-00-00	UTAH 1-45	Gas Well	P	1	15	S	9	E
43-015-30330-00-00	UTAH 14-551	Gas Well	P	14	16	S	8	E
43-015-30331-00-00	UTAH 14-552	Gas Well	P	14	16	S	8	E
43-007-30239-00-00	UTAH 14-61	Gas Well	P	14	15	S	9	E
43-007-30240-00-00	UTAH 14-62	Gas Well	P	14	15	S	9	E
43-007-30241-00-00	UTAH 14-63	Gas Well	P	14	15	S	9	E
43-007-30242-00-00	UTAH 14-64	Gas Well	P	14	15	S	9	E
43-015-30334-00-00	UTAH 15-553	Gas Well	P	15	16	S	8	E
43-007-30416-00-00	UTAH 17-101	Gas Well	P	17	15	S	10	E
43-007-30277-00-00	UTAH 17-102	Gas Well	P	17	15	S	10	E

## Utah Well List as of 12/26/02

API Well Number	Well Name	Well Type	Well Status	Sec	Twpn	Twpd	Rngn	Rngd
43-007-30255-00-00	UTAH 24-80	Gas Well	P	24	15	S	9	E
43-007-30256-00-00	UTAH 24-81	Gas Well	P	24	15	S	9	E
43-007-30267-00-00	UTAH 24-86	Gas Well	P	24	15	S	9	E
43-007-30375-00-00	UTAH 24-87	Gas Well	P	24	15	S	9	E
43-007-30227-00-00	UTAH 2-49	Gas Well	P	2	15	S	9	E
43-007-30157-00-00	UTAH 25-11-7	Gas Well	P	25	14	S	9	E
43-007-30399-00-00	UTAH 25-134	Gas Well	P	25	15	S	9	E
43-007-30400-00-00	UTAH 25-252	Gas Well	P	25	15	S	9	E
43-007-30401-00-00	UTAH 25-253	Gas Well	P	25	15	S	9	E
43-007-30402-00-00	UTAH 25-254	Gas Well	P	25	15	S	9	E
43-007-30600-00-00	UTAH 25-389	Gas Well	P	25	14	S	8	E
43-007-30599-00-00	UTAH 25-390	Gas Well	P	25	14	S	8	E
43-007-30658-00-00	UTAH 25-391	Gas Well	P	25	14	S	8	E
43-007-30602-00-00	UTAH 25-392	Gas Well	P	25	14	S	8	E
43-007-30206-00-00	UTAH 25-4-33	Gas Well	P	25	14	S	9	E
43-015-30519-00-00	UTAH 25-577	Gas Well	P	25	16	S	8	E
43-007-30156-00-00	UTAH 25-7-6	Gas Well	P	25	14	S	9	E
43-007-30204-00-00	UTAH 26-11-25	Gas Well	P	26	14	S	9	E
43-007-30205-00-00	UTAH 26-1-23	Gas Well	P	26	14	S	9	E
43-007-30181-00-00	UTAH 26-16-8	Gas Well	P	26	14	S	9	E
43-007-30446-00-00	UTAH 26-255	Gas Well	P	26	15	S	9	E
43-007-30445-00-00	UTAH 26-256	Gas Well	P	26	15	S	9	E
43-007-30444-00-00	UTAH 26-257	Gas Well	P	26	15	S	9	E
43-007-30514-00-00	UTAH 26-267	Gas Well	P	26	15	S	9	E
43-015-30541-00-00	UTAH 26-580	Gas Well	P	26	16	S	8	E
43-015-30542-00-00	UTAH 26-581	Gas Well	P	26	16	S	8	E
43-015-30544-00-00	UTAH 26-583	Gas Well	P	26	16	S	8	E
43-007-30202-00-00	UTAH 26-6-24	Gas Well	P	26	14	S	9	E
43-007-30395-00-00	UTAH 27-187	Gas Well	P	27	14	S	9	E
43-007-30292-00-00	UTAH 27-188	Gas Well	P	27	14	S	9	E
43-007-30457-00-00	UTAH 27-268	Gas Well	P	27	15	S	9	E
43-007-30458-00-00	UTAH 27-269	Gas Well	P	27	15	S	9	E
43-007-30712-00-00	UTAH 27-457	Gas Well	P	27	14	S	8	E
43-007-30714-00-00	UTAH 27-458	Gas Well	P	27	14	S	8	E
43-007-30777-00-00	UTAH 27-520	Gas Well	P	27	14	S	8	E
43-015-30545-00-00	UTAH 27-584	Gas Well	P	27	16	S	8	E
43-007-30193-00-00	UTAH 27-8-29	Gas Well	P	27	14	S	9	E
43-007-30186-00-00	UTAH 27-9-30	Gas Well	P	27	14	S	9	E
43-007-30396-00-00	UTAH 28-189	Gas Well	P	28	14	S	9	E
43-007-30397-00-00	UTAH 28-190	Gas Well	P	28	14	S	9	E
43-007-30293-00-00	UTAH 28-191	Gas Well	P	28	14	S	9	E
43-007-30294-00-00	UTAH 28-192	Gas Well	P	28	14	S	9	E
43-007-30551-00-00	UTAH 28-320	Gas Well	P	28	15	S	9	E
43-007-30560-00-00	UTAH 28-321	Gas Well	P	28	15	S	9	E
43-007-30405-00-00	UTAH 29-193	Gas Well	P	29	14	S	9	E
43-007-30427-00-00	UTAH 29-194	Gas Well	P	29	14	S	9	E
43-007-30739-00-00	UTAH 29-339	Gas Well	P	29	15	S	9	E
43-007-30740-00-00	UTAH 29-340	Gas Well	P	29	15	S	9	E
43-007-30741-00-00	UTAH 29-341	Gas Well	P	29	15	S	9	E
43-007-30742-00-00	UTAH 29-342	Gas Well	P	29	15	S	9	E
43-007-30262-00-00	UTAH 30-125	Gas Well	P	30	14	S	10	E
43-007-30185-00-00	UTAH 30-13-14	Gas Well	P	30	14	S	10	E
43-007-30265-00-00	UTAH 30-195	Gas Well	P	30	14	S	9	E
43-007-30344-00-00	UTAH 30-196	Gas Well	P	30	14	S	9	E

## Utah Well List as of 12/26/02

API Well Number	Well Name	Well Type	Well Status	Sec	Twpn	Twpd	Rngn	Rngd
43-007-30178-00-00	UTAH 36-1-2	Gas Well	P	36	14	S	9	E
43-007-30341-00-00	UTAH 36-135	Gas Well	P	36	15	S	9	E
43-007-30343-00-00	UTAH 36-136	Gas Well	P	36	15	S	9	E
43-007-30342-00-00	UTAH 36-137	Gas Well	P	36	15	S	9	E
43-007-30315-00-00	UTAH 36-162	Gas Well	P	36	14	S	8	E
43-007-30316-00-00	UTAH 36-163	Gas Well	P	36	14	S	8	E
43-007-30317-00-00	UTAH 36-164	Gas Well	P	36	14	S	8	E
43-007-30318-00-00	UTAH 36-165	Gas Well	P	36	14	S	8	E
43-007-30144-00-00	UTAH 36-9-5	Gas Well	P	36	14	S	9	E
43-015-30341-00-00	UTAH 4-280	Gas Well	P	4	16	S	9	E
43-015-30342-00-00	UTAH 4-282	Gas Well	P	4	16	S	9	E
43-007-30384-00-00	UTAH 5-205	Gas Well	P	5	15	S	9	E
43-007-30269-00-00	UTAH 5-94	Gas Well	P	5	15	S	10	E
43-007-30270-00-00	UTAH 5-95	Gas Well	P	5	15	S	10	E
43-007-30271-00-00	UTAH 5-96	Gas Well	P	5	15	S	10	E
43-007-30217-00-00	UTAH 6-38	Gas Well	P	6	15	S	10	E
43-007-30218-00-00	UTAH 6-39	Gas Well	P	6	15	S	10	E
43-007-30219-00-00	UTAH 6-40	Gas Well	P	6	15	S	10	E
43-007-30254-00-00	UTAH 6-41	Gas Well	P	6	15	S	10	E
43-007-30235-00-00	UTAH 7-57	Gas Well	P	7	15	S	10	E
43-007-30236-00-00	UTAH 7-58	Gas Well	P	7	15	S	10	E
43-007-30237-00-00	UTAH 7-59	Gas Well	P	7	15	S	10	E
43-007-30238-00-00	UTAH 7-60	Gas Well	P	7	15	S	10	E
43-007-30275-00-00	UTAH 8-100	Gas Well	P	8	15	S	10	E
43-007-30410-00-00	UTAH 8-230	Gas Well	P	8	15	S	9	E
43-007-30272-00-00	UTAH 8-97	Gas Well	P	8	15	S	10	E
43-007-30285-00-00	UTAH 8-98X	Gas Well	P	8	15	S	10	E
43-007-30274-00-00	UTAH 8-99	Gas Well	P	8	15	S	10	E
43-007-30413-00-00	UTAH 9-228	Gas Well	P	9	15	S	9	E
43-007-30414-00-00	UTAH 9-229	Gas Well	P	9	15	S	9	E
43-007-30279-00-00	WILLIAMS 30-78	Gas Well	P	30	14	S	10	E
43-007-30481-00-00	WOOLSTENHULME 05-266	Gas Well	P	5	15	S	10	E
43-015-30250-00-00	UTAH 16-110	Gas Well	Shut In	16	16	S	9	E



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Eastern States Office  
7450 Boston Boulevard  
Springfield, Virginia 22153

IN REPLY REFER TO  
3106.8(932.34)WF

January 16, 2003

### NOTICE

ConocoPhillips Company	:	Oil & Gas Leases
P.O. Box 7500	:	
Bartlesville, Oklahoma 74005	:	

#### Merger/Name Change Recognized

Acceptable evidence was received in this office on January 14, 2003, concerning the change of name of Phillips Petroleum Company to **ConocoPhillips Company** and the merger of **Conoco Incorporated** into **ConocoPhillips Company** on Federal oil and gas leases, with **ConocoPhillips Company being the surviving entity.**

The Secretary of the State of Delaware certified the effective date of this merger effective December 31, 2002.

The oil and gas lease files identified on the enclosed exhibit have been noted to the merger. The exhibit was compiled from a list of leases obtained from your list of leases. Eastern States has not abstracted the lease files to determine if the entities affected by this merger hold an interest in the leases identified nor have we attempted to identify leases where the entities are the operator on the ground maintaining no vested record title or operating rights interest. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of this merger and 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.

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

By Operation of law the name of the principal on Nationwide Oil and Gas Bond held by Conoco Incorporated (ES0085) has been changed to ConocoPhillips Company.

If you have any questions, please contact Bill Forbes at 703-440-1536.

*S/ Wilbert B. Forbes*

Wilbert B. Forbes  
Land Law Examiner  
Branch of Use Authorization  
Division of Resources Planning, Use  
and Protection

bc: JFO, BLM State Offices, MMS, ES RF, 930 RF, ES-932;  
Bforbes:wbf:01/16/03:440-1536/ConocoPhillips Co

**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. GLH
2. CDW
3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

Operator Name Change

**X Merger**

The operator of the well(s) listed below has changed, effective: **12-31-02**

<b>FROM: (Old Operator):</b>	<b>TO: (New Operator):</b>
PHILLIPS PETROLEUM COMPANY	CONOCOPHILLIPS COMPANY
Address: 980 PLAZA OFFICE	Address: P O BOX 2197, WL3 4066
BARTLESVILLE, OK 74004	HOUSTON, TX 77252
Phone: 1-(918)-661-4415	Phone: 1-(832)-486-2329
Account No. N1475	Account No. N2335

**CA No. Unit: DRUNKARDS WASH**

WELL(S)	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
UTAH 17-238	17-15S-09E	43-007-30510	11256	STATE	GW	P
UTAH 17-239	17-15S-09E	43-007-30511	11256	STATE	GW	P
UTAH 17-240	17-15S-09E	43-007-30512	11256	STATE	GW	P
UTAH 17-241	17-15S-09E	43-007-30513	11256	STATE	GW	P
HELPER & ASSOCIATES 18-236	18-15S-09E	43-007-30459	11256	FEE	GW	P
UTAH 18-237	18-15S-09E	43-007-30485	11256	STATE	GW	P
HELPER & ASSOCIATES 18-308	18-15S-09E	43-007-30720	11256	FEE	GW	P
UTAH 18-495	18-15S-09E	43-007-30729	11256	STATE	GW	P
UTAH 19-337	19-15S-09E	43-007-30623	11256	STATE	GW	P
UTAH 19-338	19-15S-09E	43-007-30624	11256	STATE	GW	P
UTAH 20-334	20-15S-09E	43-007-30625	11256	STATE	GW	P
UTAH 20-335	20-15S-09E	43-007-30626	11256	STATE	GW	P
UTAH 23-106	23-15S-09E	43-007-30280	11256	STATE	GW	P
UTAH 23-107	23-15S-09E	43-007-30281	11256	STATE	GW	P
UTAH 24-80	24-15S-09E	43-007-30255	11256	STATE	GW	P
UTAH 24-81	24-15S-09E	43-007-30256	11256	STATE	GW	P
UTAH 24-86	24-15S-09E	43-007-30267	11256	STATE	GW	P
UTAH 24-87	24-15S-09E	43-007-30375	11256	STATE	GW	P
UTAH 25-134	25-15S-09E	43-007-30399	11256	STATE	GW	P
UTAH 25-252	25-15S-09E	43-007-30400	11256	STATE	GW	P

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 01/08/2003
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 01/08/2003
- The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 02/03/2003
- Is the new operator registered in the State of Utah: YES Business Number: 562960-0143
- If **NO**, the operator was contacted on: \_\_\_\_\_

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

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: 01/14/2003

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: 01/14/2003

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

The BLM or BIA has approved the operator for all wells listed within a CA on: 01/14/2003

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

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 02/11/2003

2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 02/11/2003

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

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

**STATE WELL(S) BOND VERIFICATION:**

1. State well(s) covered by Bond Number: 8140-60-24

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: 8015-16-69

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: N/A

**FEE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 6196922

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

The Division sent response by letter on: N/A

**LEASE INTEREST OWNER NOTIFICATION:**

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

**COMMENTS:**

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

**From:** Dan Jarvis  
**To:** Carol Daniels  
**Date:** 8/19/2005 7:23:22 AM  
**Subject:** Fwd: Utah 23-107 (4300730281)

Carol please change.

>>> Mark Jones 8/18/2005 4:22 PM >>>

Our dbase shows this as federal minerals. I didn't think this was accurate, checked w/ SITLA, it is a State lease under ML 45691.

**From:** Dan Jarvis  
**To:** Carol Daniels  
**Date:** 8/19/2005 7:23:43 AM  
**Subject:** Fwd: Utah M-2 (4300730066)

this one too.

>>> Mark Jones 8/18/2005 4:29 PM >>>

This well is also a state lease (ML 48174) showing federal minerals in the dbase.

Well Data

WELL SEARCH

WELL DATA

WELL HISTORY

WELL ACTIVITY

WELL NAME **UTAH 23-107** API NUMBER **4300730281** WELL TYPE **GW** WELL STATUS **P**  
 OPERATOR **CONOCOPHILLIPS COMPANY** ACCOUNT **N2335 #** OPERATOR APPROVED BY BLM / BIA   
 DESIGNATED OPERATOR \_\_\_\_\_ ACCOUNT \_\_\_\_\_  
 FIELD NAME **DRUNKARDS WASH** FIELD NUMBER **48** FIRST PRODUCTION **11 22 1995** LA | PA DATE \_\_\_\_\_

WELL LOCATION:

SURF LOCATION **1252 FNL 1255 FWL**  
 Q. S. T. R. M. **NWNW 23 15.0 S 09.0 E S**  
 COUNTY **CARBON**

UTM Coordinates:

SURFACE - N **4373157.00** BHL - N \_\_\_\_\_  
 SURFACE - E **509794.00** BHL - E \_\_\_\_\_  
 LATITUDE **39.50987**  
 LONGITUDE **-110.88610**

CONFIDENTIAL FLAG   
 CONFIDENTIAL DATE \_\_\_\_\_  
 DIRECTIONAL | HORIZONTAL   
 HORIZONTAL LATERALS   
 ORIGINAL FIELD TYPE \_\_\_\_\_  
 WILDCAT TAX FLAG   
 CB-METHANE FLAG   
 ELEVATION **5895 GR**  
 BOND NUMBER / TYPE \_\_\_\_\_  
 LEASE NUMBER **ML-45691**  
 MINERAL LEASE TYPE **3**  
 SURFACE OWNER TYPE **3**  
 INDIAN TRIBE \_\_\_\_\_  
 C.A. NUMBER \_\_\_\_\_  
 UNIT NAME **DRUNKARDS WASH**  
**CUMULATIVE PRODUCTION:**  
 OIL **0**  
 GAS **374116**  
 WATER **110744**

COMMENTS 901228 UNIT EFF:950915 ENTITY ADDED:960625 FR ENTITY 11815:961206 FLD FR 002:010226 OP FR N1605 12/2000:  
 030211 OP FR N1475 12/2002: 20050824 MINERAL LEASE TYPE FR 1 (FED) / SITLA:

Create New Rec Save Cancel Change **To History** To Activity Print Recd Export Recd ↑ ↓