

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

**APPLICATION FOR PERMIT TO DRILL OR DEEPEN**

5. Lease Designation and Serial Number: **Patented**

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

7. Unit Agreement Name: **N/A**

8. Farm or Lease Name: **Ritzakis**

9. Well Number: **5-304**

10. Field or Pool, or Wildcat: **Undesignated**

11. Qtr/Qtr, Section, Township, Range, Meridian: **SE/4, SW/4, Sect.5, T14S, R9E, SLB&M**

12. County: **CARBON** 13. State: **UTAH**

14. Distance in miles and direction from nearest town or post office: **7.8 miles northwest of Price, Utah**

15. Distance to nearest property or lease line (feet): **1040'**

16. Number of acres in lease: **2024.78 acres**

17. Number of acres assigned to this well: **160 acres**

18. Distance to nearest well, drilling, completed, or applied for, on this lease (feet): **1520'**

19. Proposed Depth: **3860'**

20. Rotary or cable tools: **Rotary**

21. Elevations (show whether DF, RT, GR, etc.): **6285' GR**

22. Approximate date work will start: **September 1998**

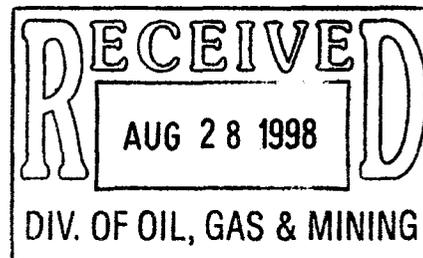
CONFIDENTIAL

**PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
14"	12-3/4"	Conductor	25'	
11"	J-55 8-5/8"	24#/ft	386'	149 sks G+2%CaCl+1/4# per sack flocel
7-7/8"	N-80 5-1/2"	17#/ft	3860'	343 sks 50/50 poz 8%gel +2%CaCl+10%exten
				75 sks "G" thixotropic

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

505156.3  
4386639.5



24. Name & Signature: Don S. Hamilton *Don S. Hamilton* Title: Permit Specialist Date: 8/27/98

(This space for state use only)

API Number Assigned: 43-007-30473 Approval: *[Signature]* 8/27/98

# Range 9 East

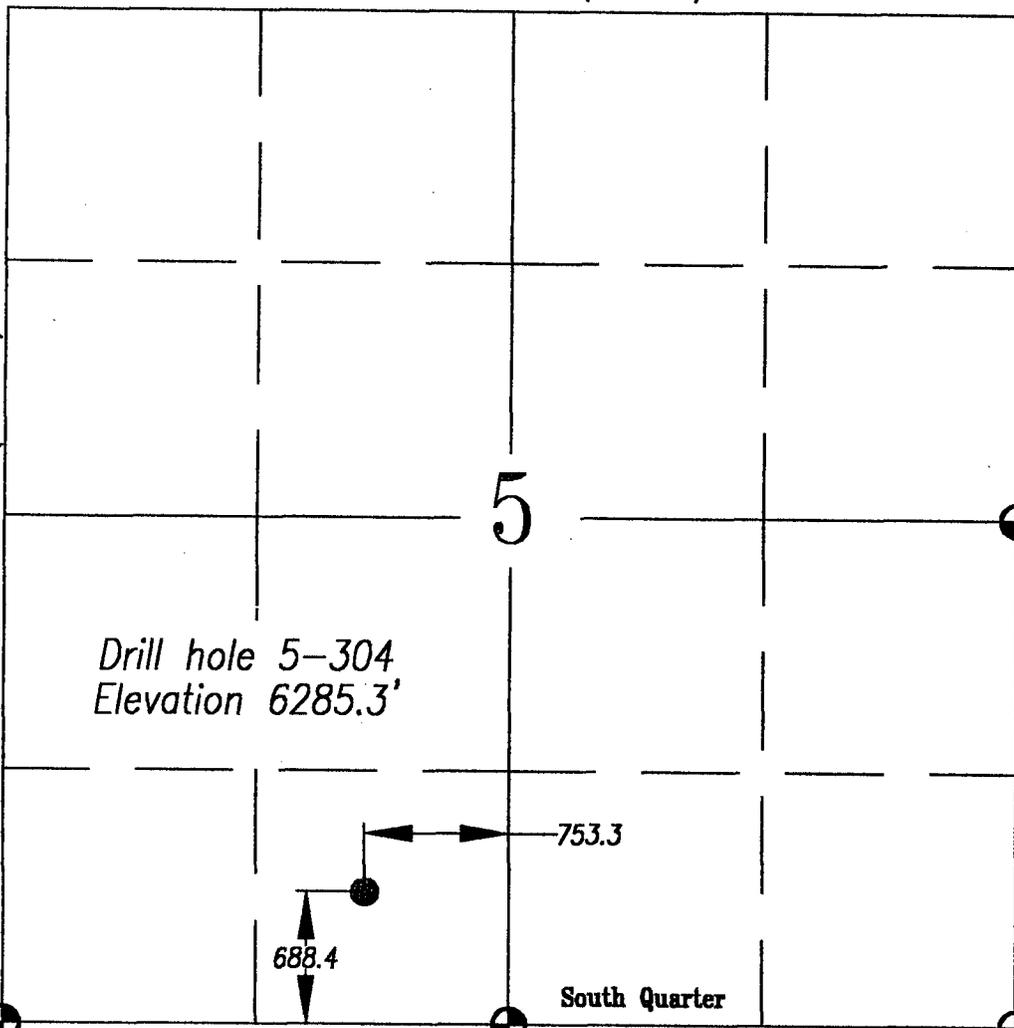
N89°43' E - 5280.0' (Recorded)

Township 14 South

N00°01'W - 5524.86' (Recorded)

N00°01'W - 2918.52' (Recorded)

N00°01'W - 2640.0' (Recorded)  
N00°10'51"E - 2638.12' (Measured)



Drill hole 5-304  
Elevation 6285.3'

South Quarter

N89°57'W - 2641.32' (Recorded)  
N89°58'32"W - 2640.97' (Measured)

N89°57'W - 2641.32' (Recorded)  
N89°55'38"W - 2637.01' (Measured)

## Basis of Bearing:

Basis of Bearing N00°01'W recorded between the NE Corner and the East Quarter Corner of Section 8, Township 14 South, Range 9 East, Salt Lake Base and Meridian.

## Basis Of Elevation:

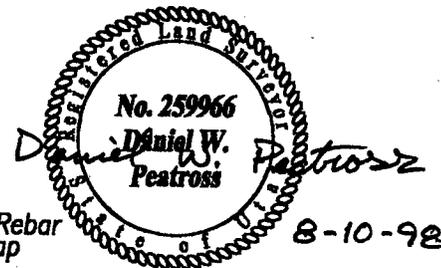
Basis of Elevation of 6234' as indicated in the North Quarter Corner of Section 8, Township 14 South, Range 9 East, Salt Lake Base and Meridian, as shown on the Standardville Quadrangle 7.5 Minute Series Map.

## Description of Location:

Proposed Drill Hole located in the SE 1/4 SW 1/4 of Section 5, 688.4' North and 753.3' West from the South Quarter Corner of Section 5, T14S, R9E, Salt Lake Base & Meridian.

## Surveyor's Certificate:

I, Daniel W. Peatross, a Registered Licensed Land Surveyor, holding Certificate #259966, State of Utah, do hereby certify that the information on this drawing is true and accurate to the best of my knowledge and belief, and was conducted by myself, as shown hereon.



Set Rebar & Cap

## LEGEND:

- Drill Hole Location
- ⊕ Found Section Corner monumented w/ Brass Cap Unless Indicated Otherwise.
- Brass Cap (Searched for but not found)



SCALE:

250' 0' 500' 1000'

DRAWN BY:	P. BOYLEN
CHECKED BY:	L.W.J.
DATE:	8/6/98
SCALE:	1"=1000'
NO. OF SHEETS:	414
SHEET NO.:	A-1
SHEET	1 of 4

**Castle Valley**  
3200 South 125 West  
Preston, Utah 84301  
(801) 637-8300  
FAX (801) 637-2823



**River Gas Corporation**  
Section 5, T14S, R9E, S.L.B.&M.  
Well# 5-304  
Carbon County, Utah

Exhibit "A"

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number: <b>Patented</b>
6. If Indian, Allottee or Tribe Name: <b>N/A</b>
7. Unit Agreement Name: <b>N/A</b>
8. Well Name and Number: <b>Ritzakis 5-304</b>
9. API Well Number:
10. Field or Pool, or Wildcat: <b>Undesignated</b>

**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: **688' FSL & 1888' FWL**  
QQ, Sec., T., R., M.: **SE/4, SW/4, SEC. 5, T14S, R9E, 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"/> 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"/> 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"/> Other _____  Date of work completion _____  <small>Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.</small>

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.)

Request for exception to the state spacing rule based on surface & mineral owners request.

13. Name & Signature: Don S. Hamilton *Don S. Hamilton* Title: Permit Specialist Date: 8/27/98

(This space for state use only)



RIVER GAS CORPORATION

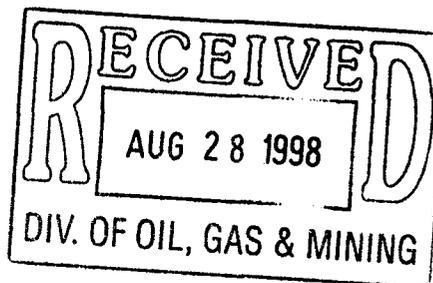
UTAH OPERATIONS  
1305 South 100 East  
Price, Utah 84501  
Bus. (435) 637-8876  
FAX (435) 637-8924

ORIGINAL

CONFIDENTIAL

August 27, 1998

Mr. John Baza  
State of Utah  
Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
P.O. Box 145801  
SLC, Utah 84114-5801



RE: Application for Permit to Drill-  
Ritzakis 5-304, SE/4,SW/4, of Sect.5  
T14S, R9E, SLB & M, Carbon County, Utah

Dear Mr. Baza:

Enclosed is the original of the *Application for Permit to Drill* (APD) and a Sundry Notice (requesting exception to spacing) for the above named well. Included with the APD is the following information:

- Exhibit "A"- Survey plat of the proposed well site;
- Exhibit "B" - Proposed Location Map with Pipeline, Power, and Road Access;
- Exhibit "C" - Location Layout;
- Exhibit "D" - Drilling Information;
- Exhibit "E" - Multipoint Surface Use Plan;
- Exhibit "F" - Typical Road Cross-section;
- Exhibit "G" - BOP Diagram;
- Exhibit "H"- Production Site Layout; and
- Exhibit "I"- Evidence of Bond;

Proposed gas, water, and utility line routes from the wellsite are shown in Exhibit "B", but are subject to change if requested by the land owner or his/her representative.

Please accept this letter as River Gas Corporation's written request for confidential treatment of all information contained in and pertaining to this permit application, if said information is eligible for such consideration.

Thank you very much for your timely consideration of this application. Please feel free to contact me if you have any questions.

Sincerely,

*Don S. Hamilton*

Don S. Hamilton  
Permit Specialist

cc: Mr. Eric Jones, BLM, Moab, Utah  
Mr. R.A. Lamarre, Texaco  
Mr. Chuck Snure, Texaco  
Mr. Gee Lake, Jr., Dominion Resources  
Mr. Don Stephens, BLM, Price, Utah  
Mrs. Tammie Butts, River Gas Corporation  
Mr. Gilbert Hunt, DOGM  
RGC Well File

EXHIBIT "D"  
DRILLING PROGRAM

Attached to UDOGM Form 3  
River Gas Corp.  
Ritzakis 5-304  
SE/4,SW/4, Sect.5, T14S, R9E,SLB&M  
688' FSL & 1888' FWL  
Carbon County, Utah

1. The Geologic Surface Formation

Upper Mancos Shale

2. Estimated Tops of Important Geologic Markers

Blue Gate/Ferron 2955'

3. Projected Gas & H2O zones (Ferron Formation)

Coals and sandstones -2980'-3120'

No groundwater is expected to be encountered.

Casing & cementing will be done to protect potentially productive hydrocarbons, lost circulation zones, abnormal pressure zones, and prospectively valuable mineral deposits. All indications of usable water will be reported.

Surface casing will be tested to 1400 psi.

4. The Proposed Casing and Cementing Programs

<u>HOLE SIZE</u>	<u>SETTING DEPTH (INTERVAL)</u>	<u>SIZE (OD)</u>	<u>WEIGHT, GRADE &amp; JOINT</u>	<u>NEW, USED</u>
14"	25'	12- <del>1</del> / <sup>3</sup> 4"	Conductor <del>etc</del>	New
11"	386'	8-5/8"	24# <del>etc</del>	New
7-7/8"	3860'	5-1/2"	17# <del>etc</del>	New

Cement Program

Surface Casing: 149 sks G+2%CaCl+1/4#per sack flocel;15.8#/gal,density, 1.15 cu.ft/sk yield.

Production Casing: 343 sks 50/50 poz 8%gel +2%CaCl+10%extender;12.5#/gal, density, 1.92 cu.ft/sk yield.

75 sks "G" thixotropic, 14.2#/gal density, 1.61 cu.ft/sk yield.

The following shall be entered in the driller's log:

- 1) Blowout preventer pressure tests, including test pressures and results;
- 2) Blowout preventer tests for proper functioning;
- 3) Blowout prevention drills conducted;
- 4) Casing run, including size, grade, weight, and depth set;
- 5) How the pipe was cemented, including amount of cement, type, whether cement circulated, location of the cementing tools, etc.;
- 6) Waiting on cement time for each casing string;
- 7) Casing pressure tests after cementing, including test pressures and results.

5. The Operator's Minimum Specifications for Pressure Control

Exhibit "G" is a schematic diagram of the blowout preventer equipment. A double gate 3000 psi BOPE will be used with a rotating head. This equipment will be tested to 2000 psi. All tests will be recorded in a Driller's Report Book. Physical operation of BOP's will be checked on each trip.

6. The Type and Characteristics of the Proposed Circulating Muds

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

7. The Testing, Logging and Coring Programs are as followed

300-TD	Gamma Ray, Density, Neutron Porosity, Induction, Caliper
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Any Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures have been noted or reported in wells drilled in the area nor at the depths anticipated in this well. Bottom hole pressure expected is 1400 psi max. No hydrogen sulfide or other hazardous gases or fluids have been found, reported or are known to exist at these depths in the area.

8. Anticipated Starting Date and Duration of the Operations.

The well will be drilled approx: September 1998.

Verbal and/or written notifications listed below shall be submitted in accordance with instructions from the Division of Oil, Gas & Mining:

- (a) prior to beginning construction;
- (b) prior to spudding;
- (c) prior to running any casing or BOP tests;
- (d) prior to plugging the well, for verbal plugging instructions.

Spills, blowouts, fires, leaks, accidents or other unusual occurrences shall be reported to the Division of Oil, Gas & Mining immediately.

## Exhibit "E"

### Multipoint Surface Use Plan

Attached to Form 3  
River Gas Corp.  
Ritzakis 5-304  
SE/4,SW/4, Sec.5, T14S, R9E, SLB & M  
688' FSL, 1888' FWL  
Carbon County, Utah

#### 1. Existing Roads

- A. We do not plan to change, alter or improve upon any existing state or county roads. Existing roads will be maintained in the same or better condition. See Exhibit "B".

#### 2. Planned Access

Approximately 2900' of new access is required (See Exhibit "B")

- a. Maximum Width: 14' travel surface with 27' base
- b. Maximum grade: 4%
- c. Turnouts: None
- d. Drainage design: 6 culverts may be required. Water will be diverted around well pad as necessary.
- e. If the well is productive, the road will be surfaced and maintained as necessary to prevent soil erosion and accommodate year-round traffic.

#### 3. Location of Existing Wells

- a. See Exhibit "B". There are seven proposed and no existing wells within a one mile radius of the proposed location.

#### 4. Location of Existing and/or Proposed Facilities

- a. If the well is a producer, installation of production facilities will be as shown on Exhibit "H". Buried powerlines run along access on the east and north, gathering lines on the south or west.
- b. Rehabilitation of all pad areas not used for production facilities will be made in accordance with landowner stipulations.

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

- a. Water to be used for drilling will be purchased from the Price River Water Improvement District (PRWID) (tel. 801-637-6350).
- b. Water will be transported by truck over approved access roads.
- c. No water well is to be drilled for this location.

## **6. Source of Construction Materials**

- a. Any necessary construction materials needed will be obtained locally and hauled to the location on existing roads.
- b. No construction or surfacing materials will be taken from Federal/Indian land.

## **7. Methods for handling waste disposal**

- a. As the well will be air drilled, a small reserve pit will be constructed with a minimum of one-half the total depth below the original ground surface on the lowest point within the pit. The pit will not be lined unless conditions encountered during construction warrant it or if deemed necessary by the DOGM representative during the pre-site inspection. Three sides of the reserve pit will be fenced within 24 hours after completion of construction and the fourth side within 24 hours after drilling operation cease with four strands of barbed wire, or woven wire topped with barbed wire to a height of not less than four feet. The fence will be kept in good repair while the pit is drying.
- b. Following drilling, the liquid waste will be evaporated from the pit and the pit backfilled and returned to natural grade. No liquid hydrocarbons will be discharged to the reserve pit or location.
- c. In the event fluids are produced, any oil will be retained in tankage until sold and any water produced will be retained until its quality can be determined. The quality and quantity of the water will determine the method of disposal.
- d. Trash will be contained in a portable metal container and will be hauled from location periodically and disposed of at an approved disposal site. Chemical toilets will be placed on location and sewage will be disposed of at an appropriate disposal site.

## **8. Ancillary Facilities**

- a. We anticipate no need for ancillary facilities with the exception of one trailers to be located on the drill site.

## **9. Wellsite Layout**

- a. Available topsoil will be removed from the location and stockpiled. Location of mud tanks, reserve and berm pits, and soil stockpiles will be located as shown on the attachments.
- b. A blooie pit will be located 100' from the drill hole. A line will be placed on the surface from the center hole to the berm it. The berm pit will not be lined, but will be fenced on four sides to protect livestock/wildlife.
- c. Access to the well pad will be as shown on Exhibit "B".
- d. Natural runoff will be diverted around the well pad.

## **10. Plans for Restoration of Surface**

- a. All surface areas not required for producing operations will be graded to as near original condition as possible and contoured to maintain possible erosion to a minimum.
- b. Available topsoil will be stockpiled and will be evenly distributed over the disturbed areas and the area will be reseeded as prescribed by the landowner.
- c. Pits and any other area that would present a hazard to wildlife or livestock will be fenced off when the rig is released and removed.
- d. Any oil accumulation on the pit will be removed or overhead flagged as dictated by then existed conditions.
- e. Rehabilitation will commence following completion of the well. Rat and mouse holes will be filled immediately upon release of the drilling rig from the location. If the wellsite is to be abandoned, all disturbed areas will be recontoured to the natural contour as is possible.

## **11. Surface Ownership**

- a. The wellsite and access road will be constructed on lands administered by the Bureau of Land Management (435) 637-3608. The operator shall contact the landowner and the Division of Oil, Gas and Mining 48 hours prior to beginning construction activities.

12. **Other Information:**

The primary surface use is grazing. The nearest dwelling is approximately 3 miles southeast. Nearest live water is Gordon Creek 5000' south.

If there is snow on the ground when construction begins, it will be removed before the soil is disturbed. And piled downhill from the topsoil stockpile location.

The backslope and foreslope will be constructed no steeper than 4:1.

All equipment and vehicles will be confined to the access road and well pad.

A complete copy of the approved Application for Permit to Drill (APD) including conditions and stipulations, shall be on the wellsite during construction and drilling operations.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the Division of Oil, Gas & Mining.

**13. Company Representative**

Don S. Hamilton  
Permit Specialist  
River Gas Corporation  
1305 So. 100 E.  
Price, Utah 84501  
(801) 637-8876

Mail Approved A.P.D. To:

Company Representative

Excavation Contractor

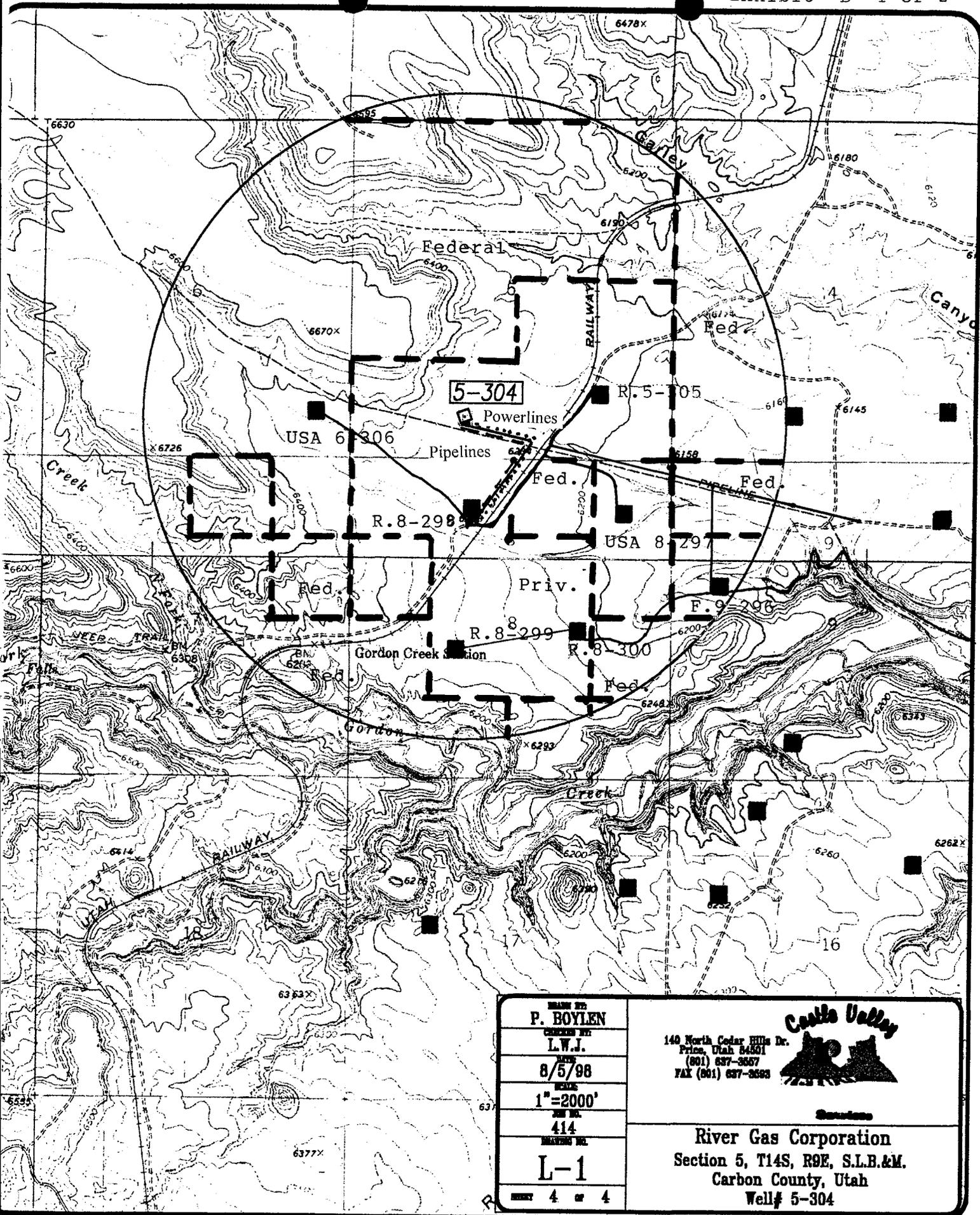
Nelco  
Larry Jensen  
(801) 637-3495  
(801) 636-5268

**14. Certification**

I hereby certify that I, or persons under my direct supervision have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct, and that the work associated with the operations proposed herein will be performed by River Gas Corp. And its subcontractors in conformity with this plan and the terms and conditions under which it is approved.

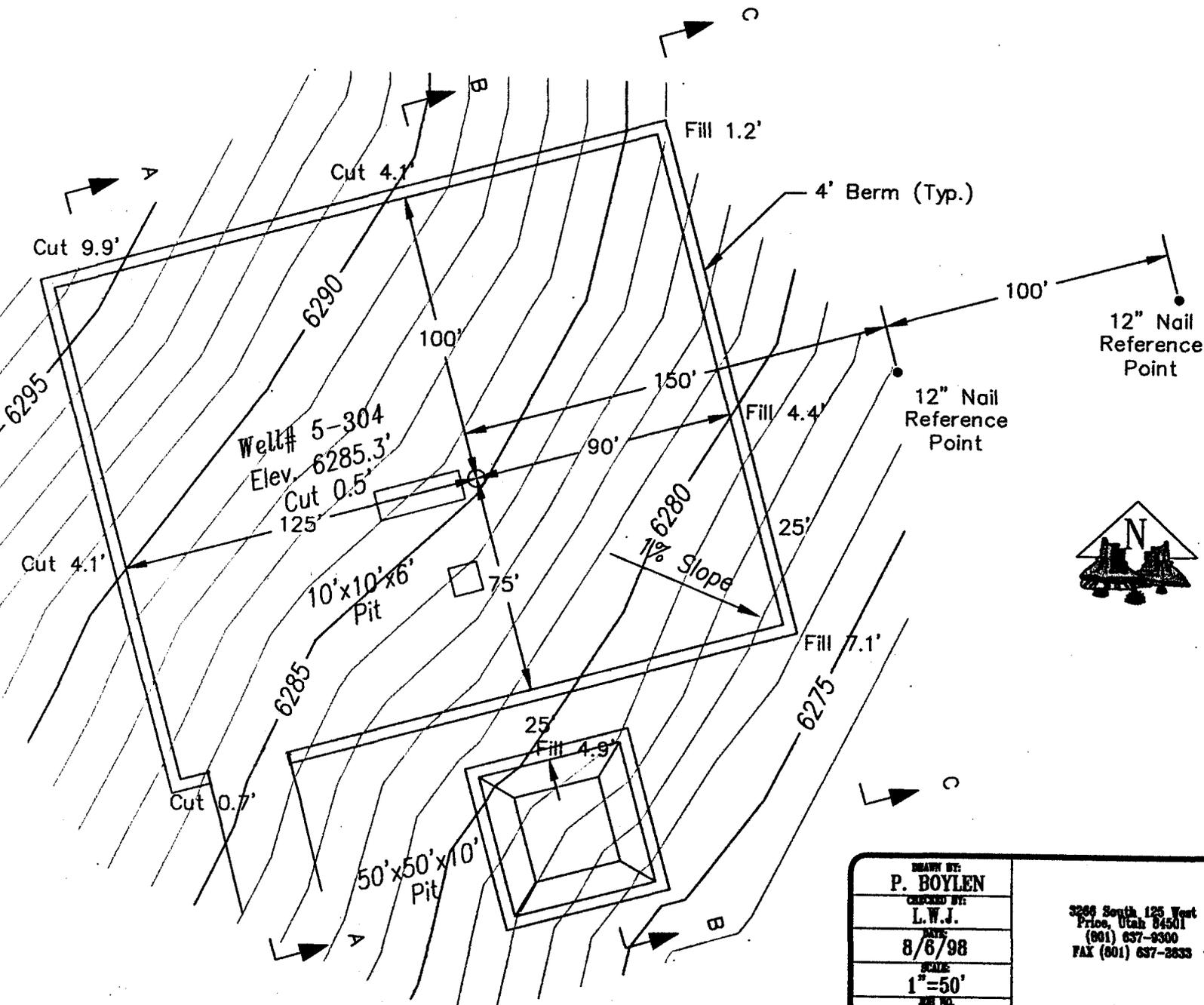
8-27-98  
Date

Don S. Hamilton  
Don S. Hamilton  
Permit Specialist  
River Gas Corporation



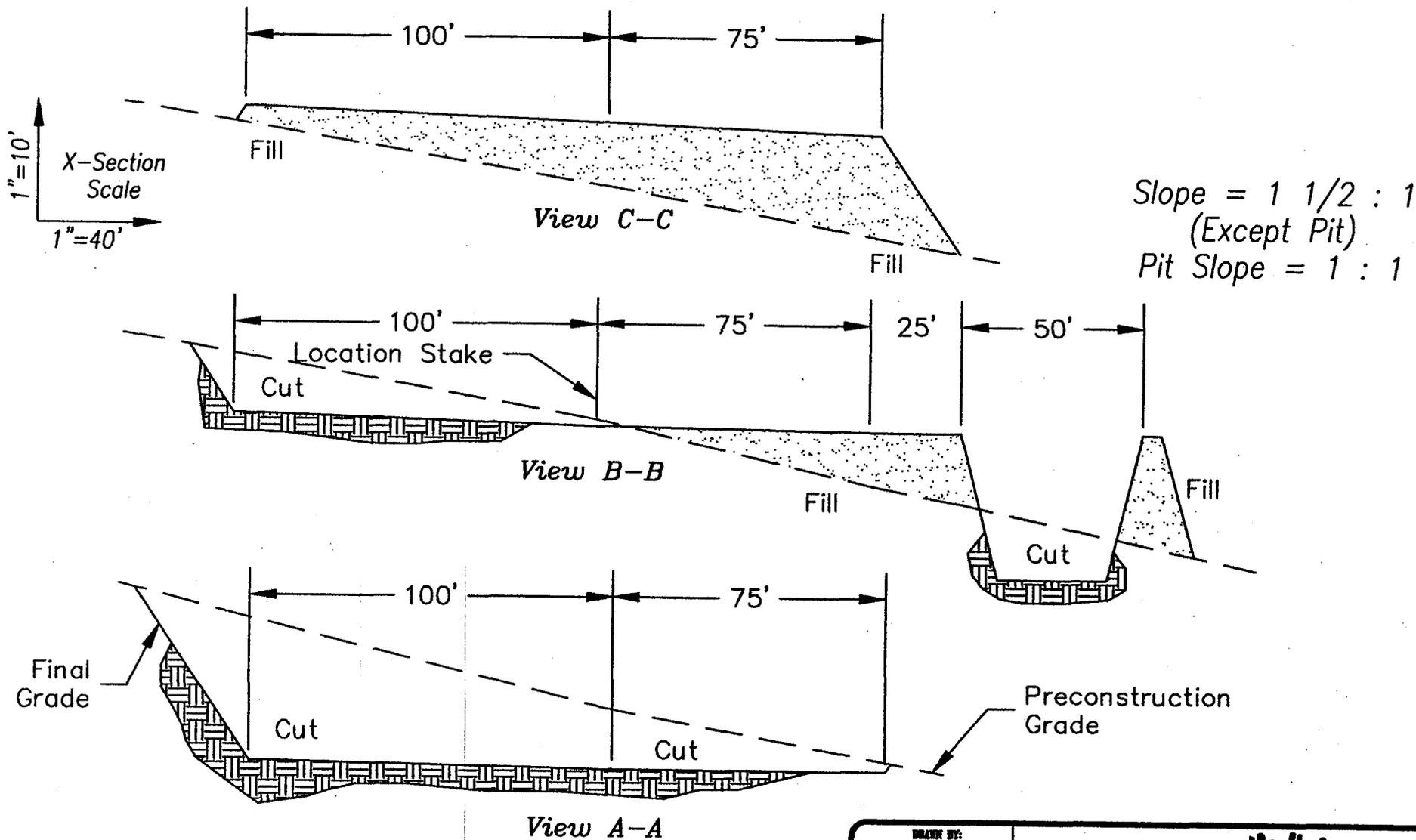
DRAWN BY <b>P. BOYLEN</b> CHECKED BY <b>L.W.J.</b> DATE <b>8/5/98</b> SCALE <b>1"=2000'</b> SHEET NO. <b>414</b> DRAWING NO. <b>L-1</b> SHEETS <b>4 of 4</b>	 <p>140 North Cedar Hills Dr.          Price, Utah 84501          (801) 637-3657          FAX (801) 637-3683</p> <p><b>River Gas Corporation</b>          Section 5, T14S, R9E, S.L.B.&amp;M.          Carbon County, Utah          Well# 5-304</p>
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Elevation Ungraded Ground at Location Stake = 6285.3'  
 Elevation Graded Ground at Location Stake = 6284.8'

DRAWN BY: <b>P. BOYLEN</b>	
CHECKED BY: <b>L.W.J.</b>	
DATE: <b>8/6/98</b>	
SCALE: <b>1"=50'</b>	
JOB NO. <b>414</b>	
DRAWING NO. <b>A-2</b>	3266 South 125 West Price, Utah 84501 (801) 637-9300 FAX (801) 637-2633
SHEET <b>2</b> OF <b>4</b>	<b>River Gas Corporation</b> <b>Location Layout</b> <b>Section 5, T14S, R9E, S.L.B.&amp;M.</b> <b>Well # 5-304</b>

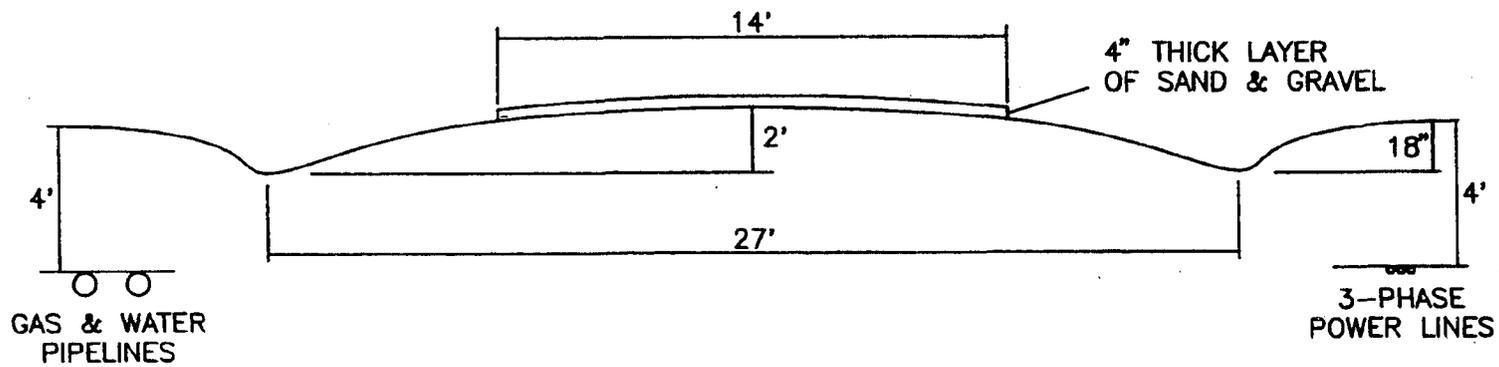


**APPROXIMATE YARDAGES**

<b>CUT</b>	
(6") Topsoil Stripping	= 750.0 Cu. Yds.
Remaining Location	= 3,155.9 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 3,905.9 Cu. Yds.</b>
<b>TOTAL FILL</b>	<b>= 2,466.9 Cu. Yds.</b>

DRAWN BY: <b>P. BOYLEN</b> CHECKED BY: <b>L.W.J.</b> DATE: <b>8/6/98</b> SCALE: <b>As Shown</b> JOB NO. <b>414</b> DRAWING NO. <b>C-1</b> SHEET <b>3</b> OF <b>4</b>	<p style="text-align: center;"><b>Castle Valley</b></p> <p style="text-align: center;">3200 South 125 West          Price, Utah 84501          (801) 637-0306          FAX (801) 637-2833</p> <p style="text-align: center;"><b>Southern</b></p> <hr/> <p style="text-align: center;"><b>River Gas Corporation</b>          Typical Cross Sections          Section 5, T14S, R9E, S.L.B.&amp;M.          Well# 5-304</p>
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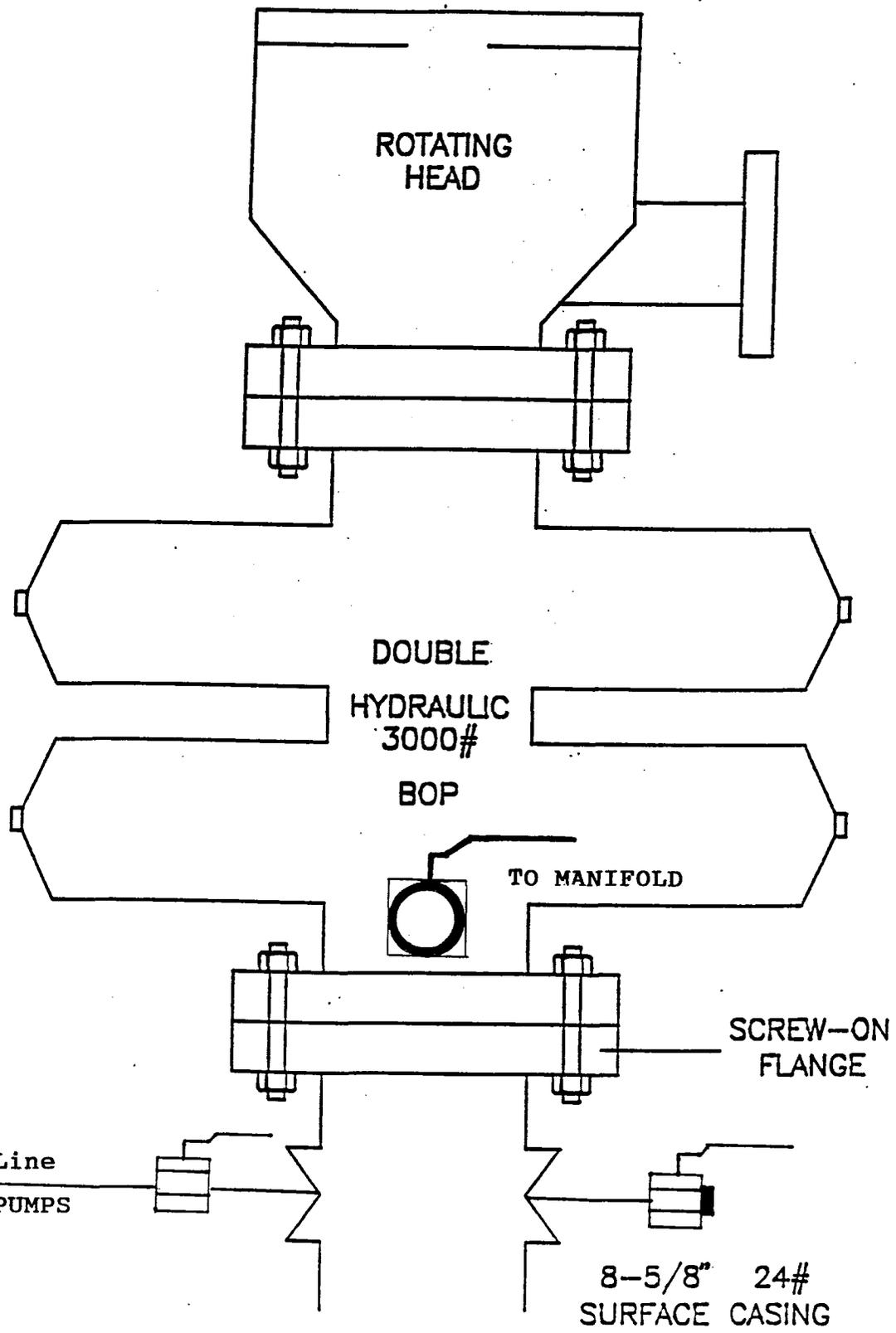
# RIVER GAS CORPORATION



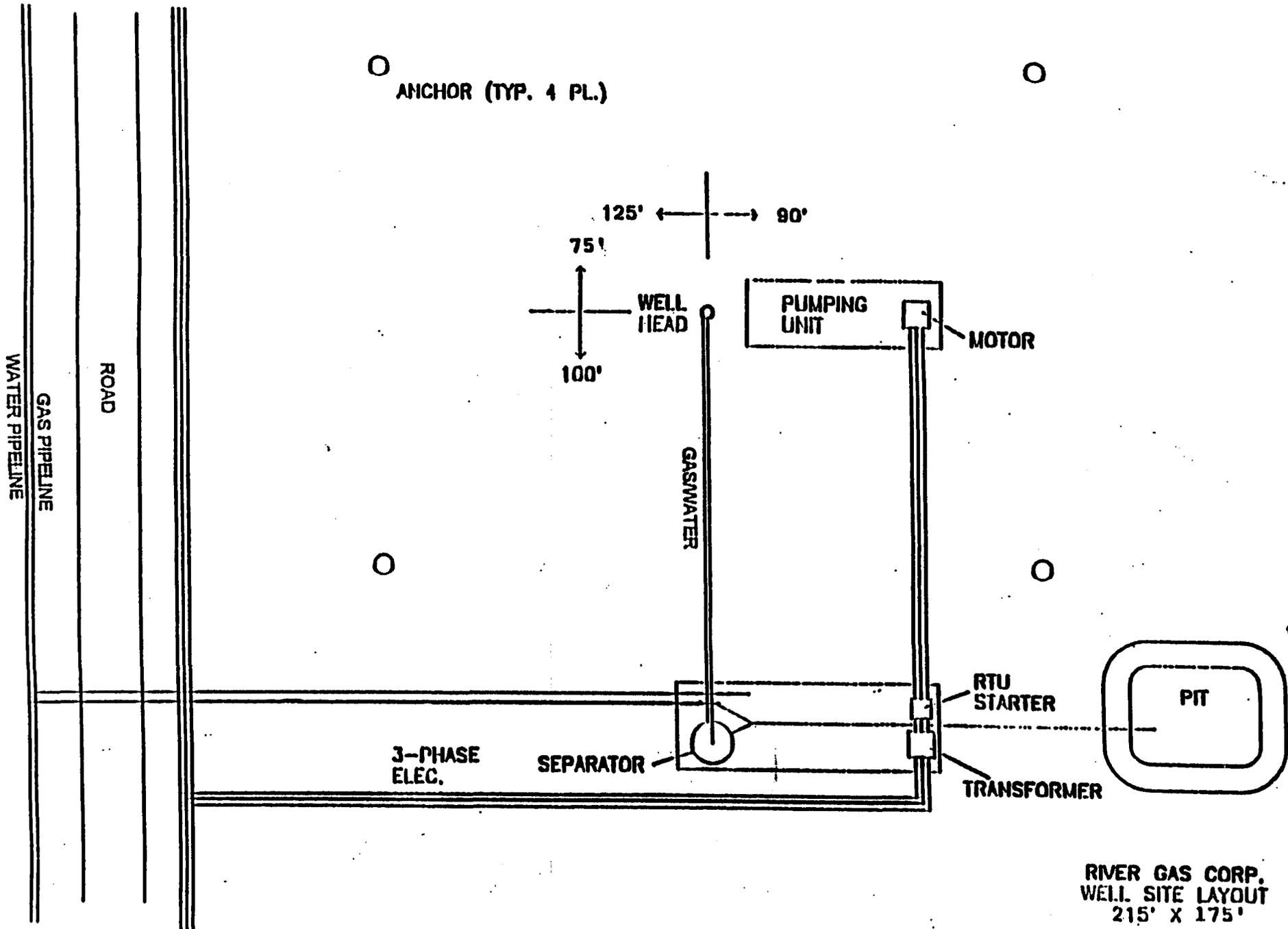
## TYPICAL ROAD CROSS-SECTION

NOT TO SCALE

# DIVERTER HEAD



ANCHOR (TYP. 4 PL.)



RIVER GAS CORP.  
WELL SITE LAYOUT  
215' X 175'

Exhibit "H"

AMSOUTH BANK OF ALABAMA  
1900 FIFTH AVENUE NORTH  
BIRMINGHAM, ALABAMA 35203 USA  
OUR REFERENCE NUMBER: 9308586

International Services

**Mobile:**  
TELEX: 6821116  
Cable: AMSOMBL  
S.W.I.F.T. AMSB US 44

AMENDMENT NUMBER: 002  
TO LETTER OF CREDIT NUMBER: 9308586  
DATE: NOVEMBER 13, 1993

**BENEFICIARY:**  
STATE OF UTAH  
DEPT. OF NATURAL RESOURCES  
DIV. OF OIL, GAS AND MINING  
355 WEST TEMPLE 3 TRIAD CENTER  
SUITE 350  
SALT LAKE CITY, UTAH 84180-1203

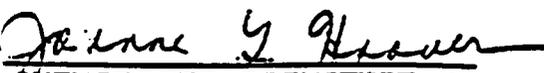
AT THE REQUEST OF RIVER GAS CORPORATION 3600 WATERMELON ROAD  
SUITE 204 NORTHPORT, ALABAMA 35476 AND FOR THE ACCOUNT OF SAME

WE HEREBY AMEND OUR LETTER OF CREDIT NUMBER 9308586 DATED  
DECEMBER 3, 1993 OPENED IN YOUR FAVOR AS FOLLOWS:

-ACCOUNT PARTY'S ADDRESS IS CHANGED  
TO: 511 ENERGY CENTER BLVD  
NORTHPORT, ALABAMA 35476

\*\*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

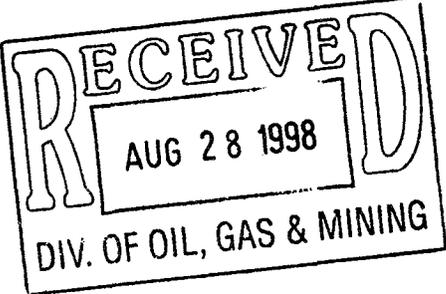
STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

<b>APPLICATION FOR PERMIT TO DRILL OR DEEPEN</b>		5. Lease Designation and Serial Number: <b>Patented</b>	
1A. Type of Work: <b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/>		6. If Indian, Allottee or Tribe Name: <b>N/A</b>	
B. Type of Well: <b>OIL</b> <input type="checkbox"/> <b>GAS</b> <input checked="" type="checkbox"/> OTHER: <b>SINGLE ZONE</b> <input checked="" type="checkbox"/> <b>MULTIPLE ZONE</b> <input type="checkbox"/>		7. Unit Agreement Name: <b>N/A</b>	
2. Name of Operator: <b>River Gas Corporation</b>		8. Farm or Lease Name: <b>Ritzakis</b>	
3. Address and Telephone Number: <b>1305 South 100 East, Price, UT 84501 (801)637-8876</b>		9. Well Number: <b>5-304</b>	
4. Location of Well (Footages) At Surface: <b>688' FSL &amp; 1888' FWL</b> At Proposed Producing Zone:		10. Field or Pool, or Wildcat: <b>Undesignated</b>	
14. Distance in miles and direction from nearest town or post office: <b>7.8 miles northwest of Price, Utah</b>		12. County: <b>CARBON</b>	13. State: <b>UTAH</b>
15. Distance to nearest property or lease line (feet): <b>1040'</b>	16. Number of acres in lease: <b>2024.78 acres</b>	17. Number of acres assigned to this well: <b>160 acres</b>	
18. Distance to nearest well, drilling, completed, or applied for, on this lease (feet): <b>1520'</b>	19. Proposed Depth: <b>3860'</b>	20. Rotary or cable tools: <b>Rotary</b>	
21. Elevations (show whether DF, RT, GR, etc.): <b>6285' GR</b>		22. Approximate date work will start: <b>September 1998</b>	

23. **PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
14"	12-3/4"	Conductor	25'	
11"	J-55 8-5/8"	24#/ft	386'	149 sks G+2%CaCl+1/4# per sack flocel
7-7/8"	N-80 5-1/2"	17#/ft	3860'	343 sks 50/50 poz 8%gel +2%CaCl+10%exten
				75 sks "G" thixotropic

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



24. Name & Signature: Don S. Hamilton *Don S. Hamilton* Title: Permit Specialist Date: 8/27/98  
(This space for state use only)

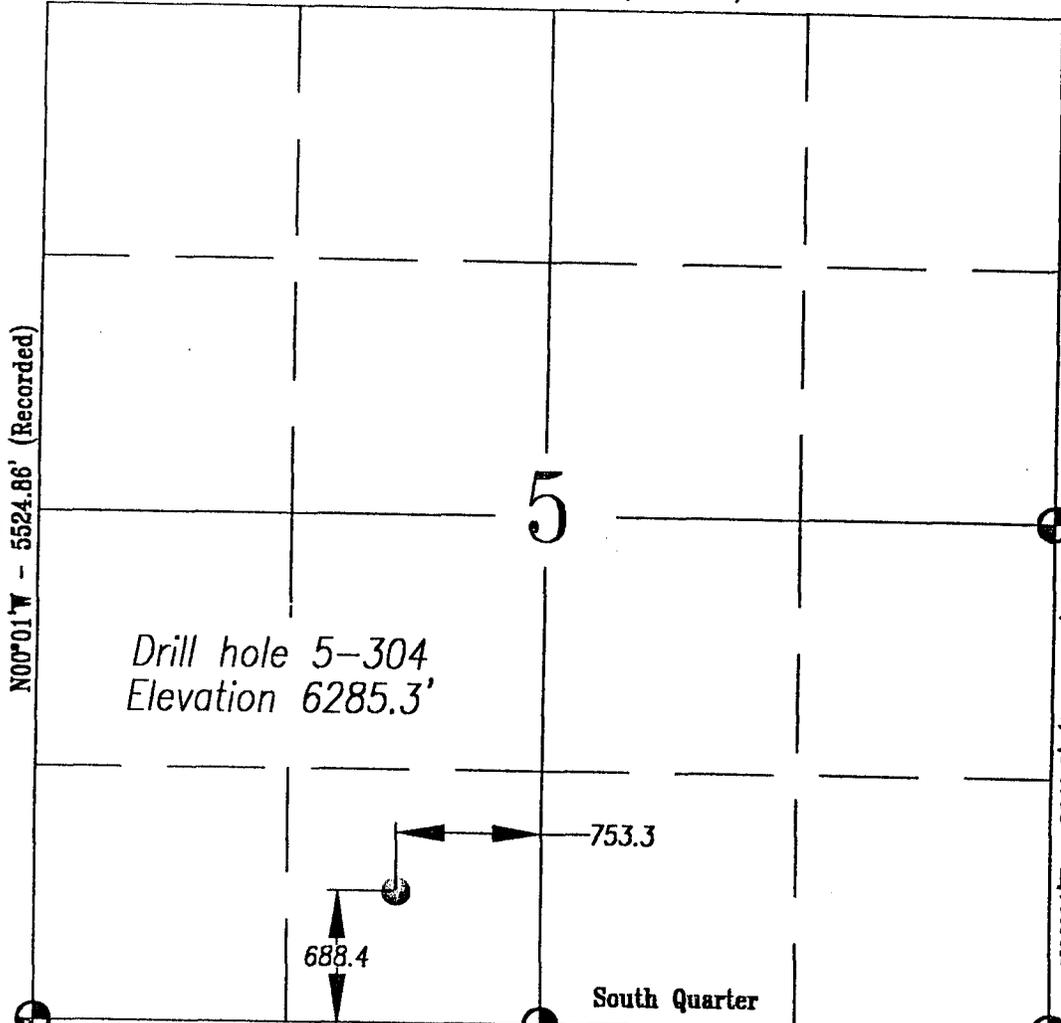
API Number Assigned: 43-007-30473

Approval:

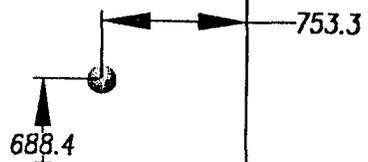
# Range 9 East

N89°43' E - 5280.0' (Recorded)

Township 14 South



Drill hole 5-304  
Elevation 6285.3'



South Quarter

N89°57'W - 2641.32' (Recorded)  
N89°58'32"W - 2640.97' (Measured)

N89°57'W - 2641.32' (Recorded)  
N89°55'38"W - 2637.01' (Measured)

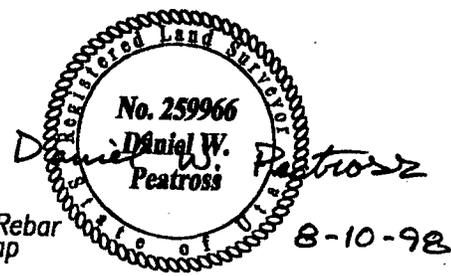
N00°01'W - 2918.52' (Recorded)  
N00°01'W - 2640.0' (Recorded)  
N00°10'51"E - 2638.12' (Measured)

Basis of Bearing:  
Basis of Bearing N00°01'W recorded between the NE Corner and the East Quarter Corner of Section 8, Township 14 South, Range 9 East, Salt Lake Base and Meridian.

Basis Of Elevation:  
Basis of Elevation of 6234' as indicated in the North Quarter Corner of Section 8, Township 14 South, Range 9 East, Salt Lake Base and Meridian, as shown on the Standardville Quadrangle 7.5 Minute Series Map.

Description of Location:  
Proposed Drill Hole located in the SE 1/4 SW 1/4 of Section 5, 688.4' North and 753.3' West from the South Quarter Corner of Section 5, T14S, R9E, Salt Lake Base & Meridian.

Surveyor's Certificate:  
I, Daniel W. Peatross, a Registered Licensed Land Surveyor, holding Certificate #259966, State of Utah, do hereby certify that the information on this drawing is true and accurate to the best of my knowledge and belief, and was conducted by myself, as shown hereon.



Set Rebar & Cap

- LEGEND:
- Drill Hole Location

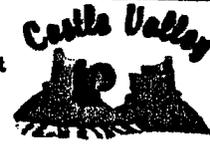
- ⊕ Found Section Corner monumented w/ Brass Cap Unless Indicated Otherwise.

- Brass Cap (Searched for but not found)



SCALE:  
250' 0' 500' 1000'

DRAWN BY: <b>P. BOYLEN</b>
CHECKED BY: <b>L.W.J.</b>
DATE: <b>8/6/98</b>
SCALE: <b>1"=1000'</b>
JOB NO. <b>414</b>
DRAWING NO. <b>A-1</b>
SHEET <b>1</b> OF <b>4</b>



**Castle Valley**  
3226 South 125 West  
Price, Utah 84501  
(801) 637-6300  
FAX (801) 637-2833

---

**River Gas Corporation**  
Section 5, T14S, R9E, S.L.B.&M.  
Well # 5-304  
Carbon County, Utah

Exhibit "A"

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:

688' FSL & 1888' FWL

Q.Q. Sec., T., R., M.: SE/4, SW/4, SEC. 5, T14S, R9E, SLB&M

5. Lease Designation and Serial Number:

Patented

6. If Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

N/A

8. Well Name and Number:

Ritzakis 5-304

9. API Well Number:

10. Field or Pool, or Wildcat:

Undesignated

County: CARBON

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 \_\_\_\_\_

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.)

Request for exception to the state spacing rule based on surface & mineral owners request.

13

Name & Signature: Don S. Hamilton

*Don S. Hamilton*

Title: Permit Specialist

Date: 8/27/98

(This space for state use only)



RIVER GAS CORPORATION

UTAH OPERATIONS  
1305 South 100 East  
Price, Utah 84501  
Bus. (435) 637-8876  
FAX (435) 637-8924

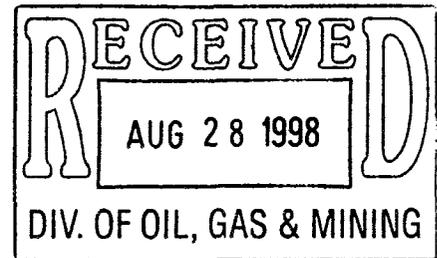
**COPY**

August 27, 1998

**CONFIDENTIAL**

Mr. John Baza  
State of Utah  
Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
P.O. Box 145801  
SLC, Utah 84114-5801

RE: Application for Permit to Drill-  
Ritzakis 5-304, SE/4,SW/4, of Sect.5  
T14S, R9E, SLB & M, Carbon County, Utah



Dear Mr. Baza:

Enclosed is the original of the *Application for Permit to Drill* (APD) and a Sundry Notice (requesting exception to spacing) for the above named well. Included with the APD is the following information:

- Exhibit "A"- Survey plat of the proposed well site;
- Exhibit "B" - Proposed Location Map with Pipeline, Power, and Road Access;
- Exhibit "C" - Location Layout;
- Exhibit "D" - Drilling Information;
- Exhibit "E" - Multipoint Surface Use Plan;
- Exhibit "F" - Typical Road Cross-section;
- Exhibit "G" - BOP Diagram;
- Exhibit "H" - Production Site Layout; and
- Exhibit "I"- Evidence of Bond;

Proposed gas, water, and utility line routes from the wellsite are shown in Exhibit "B", but are subject to change if requested by the land owner or his/her representative.

Please accept this letter as River Gas Corporation's written request for confidential treatment of all information contained in and pertaining to this permit application, if said information is eligible for such consideration.

Thank you very much for your timely consideration of this application. Please feel free to contact me if you have any questions.

Sincerely,

*Don S. Hamilton*

Don S. Hamilton  
Permit Specialist

cc: Mr. Eric Jones, BLM, Moab, Utah  
Mr. R.A. Lamarre, Texaco  
Mr. Chuck Snure, Texaco  
Mr. Gee Lake, Jr., Dominion Resources  
Mr. Don Stephens, BLM, Price, Utah  
Mrs. Tammie Butts, River Gas Corporation  
Mr. Gilbert Hunt, DOGM  
RGC Well File

EXHIBIT "D"  
DRILLING PROGRAM

Attached to UDOGM Form 3  
River Gas Corp.  
Ritzakis 5-304  
SE/4,SW/4, Sect.5, T14S, R9E,SLB&M  
688' FSL & 1888' FWL  
Carbon County, Utah

1. The Geologic Surface Formation

Upper Mancos Shale

2. Estimated Tops of Important Geologic Markers

Blue Gate/Ferron 2955'

3. Projected Gas & H2O zones (Ferron Formation)

Coals and sandstones -2980'-3120'

No groundwater is expected to be encountered.

Casing & cementing will be done to protect potentially productive hydrocarbons, lost circulation zones, abnormal pressure zones, and prospectively valuable mineral deposits. All indications of usable water will be reported.

Surface casing will be tested to 1400 psi.

4. The Proposed Casing and Cementing Programs

<u>HOLE SIZE</u>	<u>SETTING DEPTH (INTERVAL)</u>	<u>SIZE (OD)</u>	<u>WEIGHT, GRADE &amp; JOINT</u>	<u>NEW, USED</u>
14"	25'	12-1/4"	Conductor	New
11"	386'	8-5/8"	24#	New
7-7/8"	3860'	5-1/2"	17#	New

Cement Program

Surface Casing: 149 sks G+2%CaCl+1/4#per sack flocel;15.8#/gal,density,  
1.15 cu.ft/sk yield.

Production Casing: 343 sks 50/50 poz 8%gel +2%CaCl+10%extender;12.5#/gal,  
density, 1.92 cu.ft/sk yield.

75 sks "G" thixotropic, 14.2#/gal density, 1.61 cu.ft/sk yield.

The following shall be entered in the driller's log:

- 1) Blowout preventer pressure tests, including test pressures and results;
- 2) Blowout preventer tests for proper functioning;
- 3) Blowout prevention drills conducted;
- 4) Casing run, including size, grade, weight, and depth set;
- 5) How the pipe was cemented, including amount of cement, type, whether cement circulated, location of the cementing tools, etc.;
- 6) Waiting on cement time for each casing string;
- 7) Casing pressure tests after cementing, including test pressures and results.

5. The Operator's Minimum Specifications for Pressure Control

Exhibit "G" is a schematic diagram of the blowout preventer equipment. A double gate 3000 psi BOPE will be used with a rotating head. This equipment will be tested to 2000 psi. All tests will be recorded in a Driller's Report Book. Physical operation of BOP's will be checked on each trip.

6. The Type and Characteristics of the Proposed Circulating Muds

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

7. The Testing, Logging and Coring Programs are as followed

300-TD      Gamma Ray, Density, Neutron Porosity, Induction, Caliper

Any Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures have been noted or reported in wells drilled in the area nor at the depths anticipated in this well. Bottom hole pressure expected is 1400 psi max. No hydrogen sulfide or other hazardous gases or fluids have been found, reported or are known to exist at these depths in the area.

8. Anticipated Starting Date and Duration of the Operations.

The well will be drilled approx: September 1998.

Verbal and/or written notifications listed below shall be submitted in accordance with instructions from the Division of Oil, Gas & Mining:

- (a) prior to beginning construction;
- (b) prior to spudding;
- (c) prior to running any casing or BOP tests;
- (d) prior to plugging the well, for verbal plugging instructions.

Spills, blowouts, fires, leaks, accidents or other unusual occurrences shall be reported to the Division of Oil, Gas & Mining immediately.

## Exhibit "E"

### Multipoint Surface Use Plan

Attached to Form 3  
River Gas Corp.  
Ritzakis 5-304  
SE/4,SW/4, Sec.5, T14S, R9E, SLB & M  
688' FSL, 1888' FWL  
Carbon County, Utah

#### 1. Existing Roads

- A. We do not plan to change, alter or improve upon any existing state or county roads. Existing roads will be maintained in the same or better condition. See Exhibit "B".

#### 2. Planned Access

Approximately 2900' of new access is required (See Exhibit "B")

- a. Maximum Width: 14' travel surface with 27' base
- b. Maximum grade: 4%
- c. Turnouts: None
- d. Drainage design: 6 culverts may be required. Water will be diverted around well pad as necessary.
- e. If the well is productive, the road will be surfaced and maintained as necessary to prevent soil erosion and accommodate year-round traffic.

#### 3. Location of Existing Wells

- a. See Exhibit "B". There are seven proposed and no existing wells within a one mile radius of the proposed location.

#### 4. Location of Existing and/or Proposed Facilities

- a. If the well is a producer, installation of production facilities will be as shown on Exhibit "H". Buried powerlines run along access on the east and north, gathering lines on the south or west.
- b. Rehabilitation of all pad areas not used for production facilities will be made in accordance with landowner stipulations.

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

- a. Water to be used for drilling will be purchased from the Price River Water Improvement District (PRWID) (tel. 801-637-6350).
- b. Water will be transported by truck over approved access roads.
- c. No water well is to be drilled for this location.

## **6. Source of Construction Materials**

- a. Any necessary construction materials needed will be obtained locally and hauled to the location on existing roads.
- b. No construction or surfacing materials will be taken from Federal/Indian land.

## **7. Methods for handling waste disposal**

- a. As the well will be air drilled, a small reserve pit will be constructed with a minimum of one-half the total depth below the original ground surface on the lowest point within the pit. The pit will not be lined unless conditions encountered during construction warrant it or if deemed necessary by the DOGM representative during the pre-site inspection. Three sides of the reserve pit will be fenced within 24 hours after completion of construction and the fourth side within 24 hours after drilling operation cease with four strands of barbed wire, or woven wire topped with barbed wire to a height of not less than four feet. The fence will be kept in good repair while the pit is drying.
- b. Following drilling, the liquid waste will be evaporated from the pit and the pit backfilled and returned to natural grade. No liquid hydrocarbons will be discharged to the reserve pit or location.
- c. In the event fluids are produced, any oil will be retained in tankage until sold and any water produced will be retained until its quality can be determined. The quality and quantity of the water will determine the method of disposal.
- d. Trash will be contained in a portable metal container and will be hauled from location periodically and disposed of at an approved disposal site. Chemical toilets will be placed on location and sewage will be disposed of at an appropriate disposal site.

## **8. Ancillary Facilities**

- a. We anticipate no need for ancillary facilities with the exception of one trailers to be located on the drill site.

## 9. Wellsite Layout

- a. Available topsoil will be removed from the location and stockpiled. Location of mud tanks, reserve and berm pits, and soil stockpiles will be located as shown on the attachments.
- b. A blooie pit will be located 100' from the drill hole. A line will be placed on the surface from the center hole to the berm it. The berm pit will not be lined, but will be fenced on four sides to protect livestock/wildlife.
- c. Access to the well pad will be as shown on Exhibit "B".
- d. Natural runoff will be diverted around the well pad.

## 10. Plans for Restoration of Surface

- a. All surface areas not required for producing operations will be graded to as near original condition as possible and contoured to maintain possible erosion to a minimum.
- b. Available topsoil will be stockpiled and will be evenly distributed over the disturbed areas and the area will be reseeded as prescribed by the landowner.
- c. Pits and any other area that would present a hazard to wildlife or livestock will be fenced off when the rig is released and removed.
- d. Any oil accumulation on the pit will be removed or overhead flagged as dictated by then existed conditions.
- e. Rehabilitation will commence following completion of the well. Rat and mouse holes will be filled immediately upon release of the drilling rig from the location. If the wellsite is to be abandoned, all disturbed areas will be recontoured to the natural contour as is possible.

## 11. Surface Ownership

- a. The wellsite and access road will be constructed on lands administered by the Bureau of Land Management (435) 637-3608. The operator shall contact the landowner and the Division of Oil, Gas and Mining 48 hours prior to beginning construction activities.

12. **Other Information:**

The primary surface use is grazing. The nearest dwelling is approximately 3 miles southeast. Nearest live water is Gordon Creek 5000' south.

If there is snow on the ground when construction begins, it will be removed before the soil is disturbed. And piled downhill from the topsoil stockpile location.

The backslope and foreslope will be constructed no steeper than 4:1.

All equipment and vehicles will be confined to the access road and well pad.

A complete copy of the approved Application for Permit to Drill (APD) including conditions and stipulations, shall be on the wellsite during construction and drilling operations.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the Division of Oil, Gas & Mining.

**13. Company Representative**

Don S. Hamilton  
Permit Specialist  
River Gas Corporation  
1305 So. 100 E.  
Price, Utah 84501  
(801) 637-8876

Mail Approved A.P.D. To:

Company Representative

Excavation Contractor

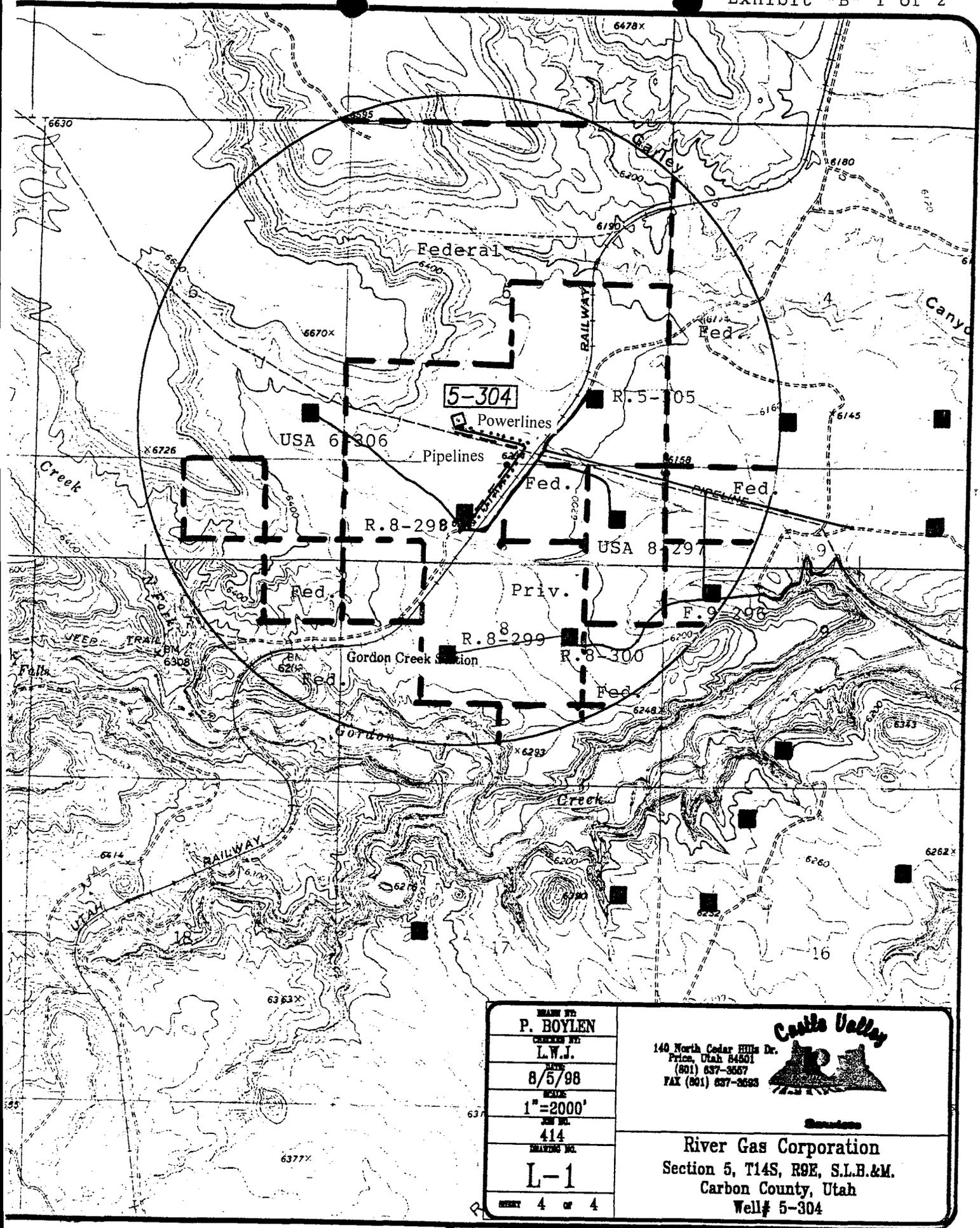
Nelco  
Larry Jensen  
(801) 637-3495  
(801) 636-5268

**14. Certification**

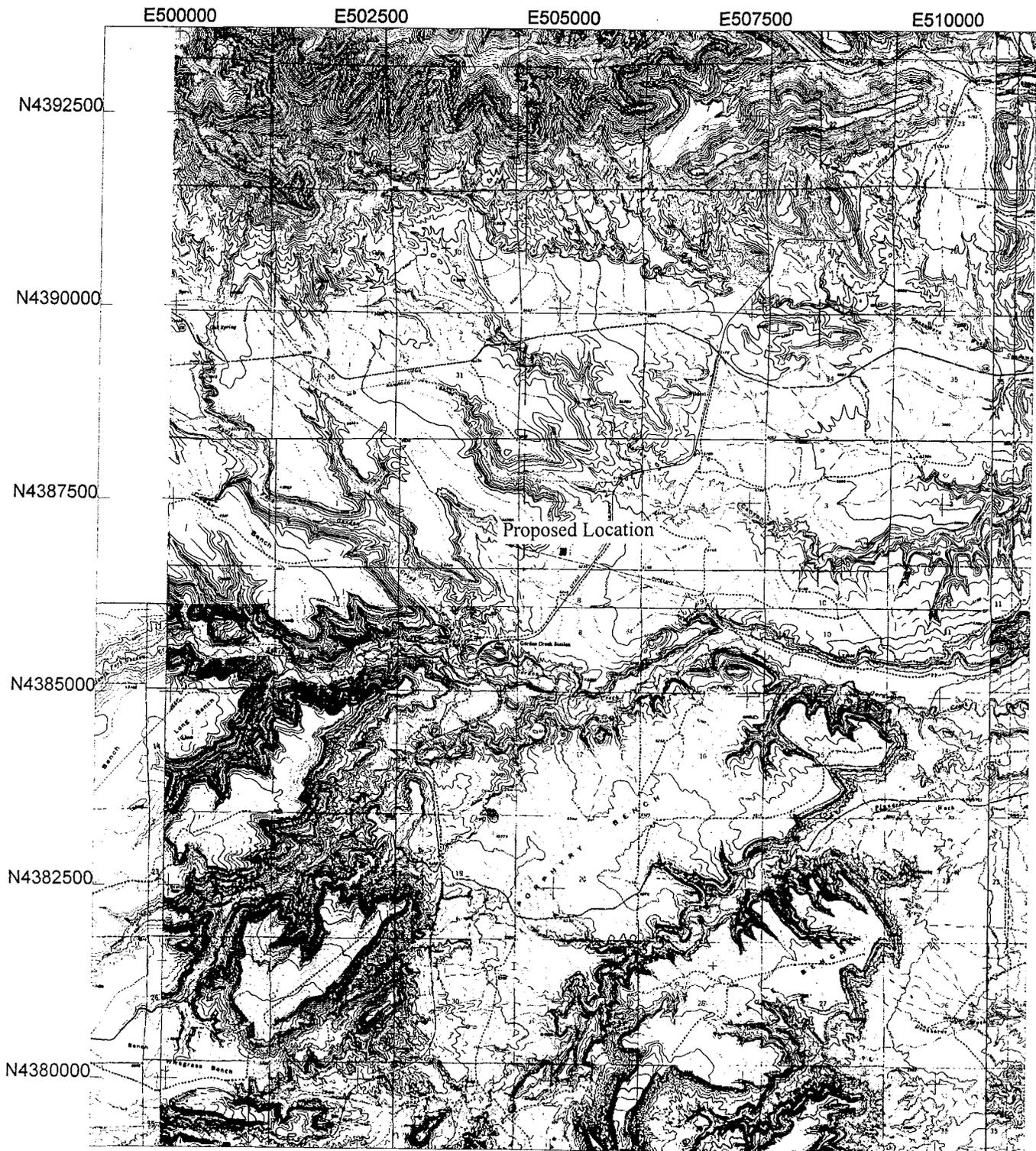
I hereby certify that I, or persons under my direct supervision have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct, and that the work associated with the operations proposed herein will be performed by River Gas Corp. And its subcontractors in conformity with this plan and the terms and conditions under which it is approved.

8-27-98  
Date

Don S. Hamilton  
Don S. Hamilton  
Permit Specialist  
River Gas Corporation

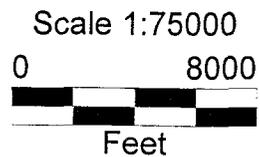


DRAWN BY <b>P. BOYLEN</b>	
CHECKED BY <b>L.W.J.</b>	
DATE <b>8/5/98</b>	140 North Cedar Hills Dr. Price, Utah 84501 (801) 637-3567 FAX (801) 637-3523
SCALE <b>1"=2000'</b>	River Gas Corporation Section 5, T14S, R9E, S1.E.&M. Carbon County, Utah Well# 5-304
JOB NO. <b>414</b>	
DRAWING NO. <b>L-1</b>	
SHEET <b>4</b> OF <b>4</b>	

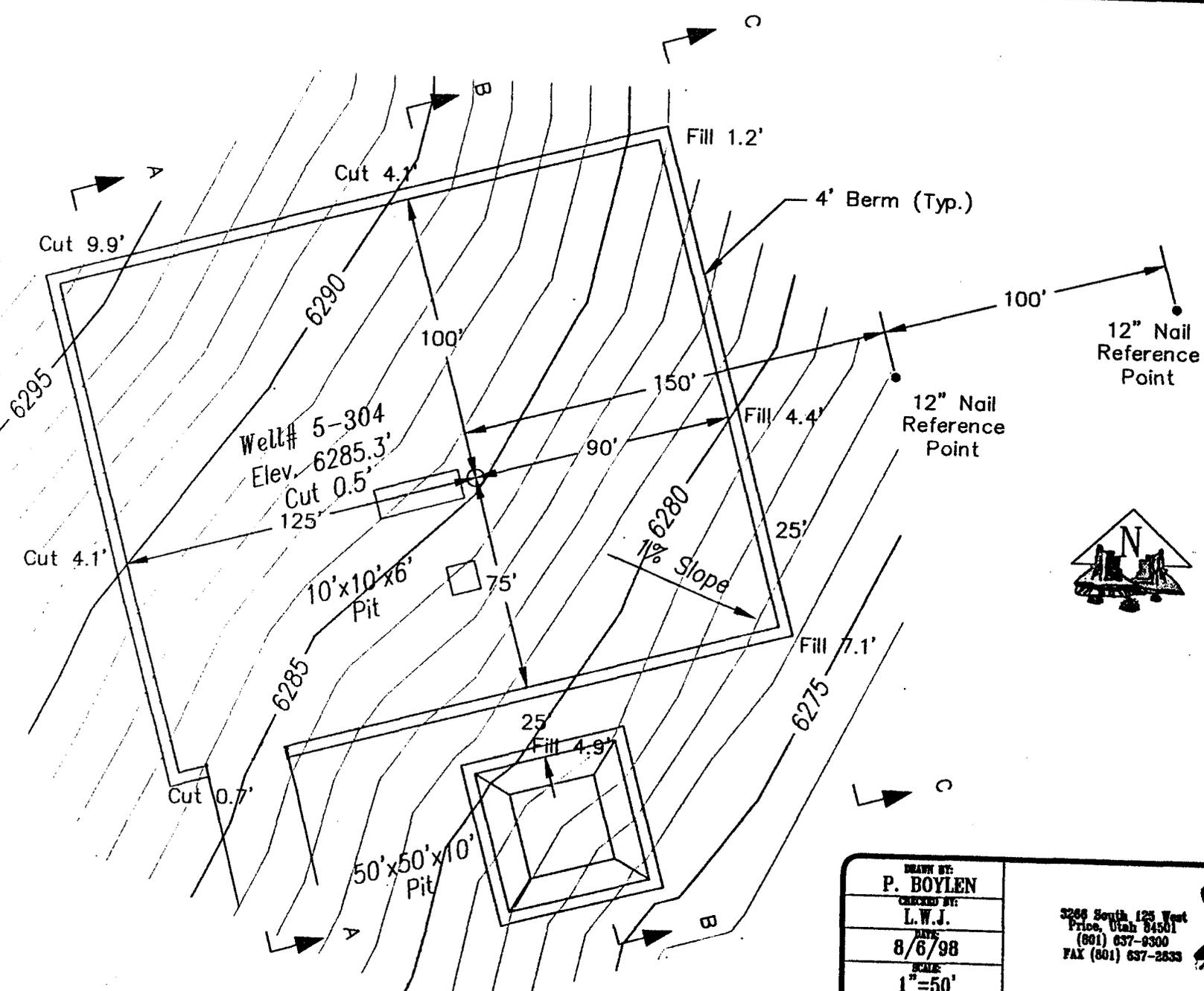


# Ritzakis 05-304

Universal Transverse Mercator  
North 12  
NAD83 (Conus)

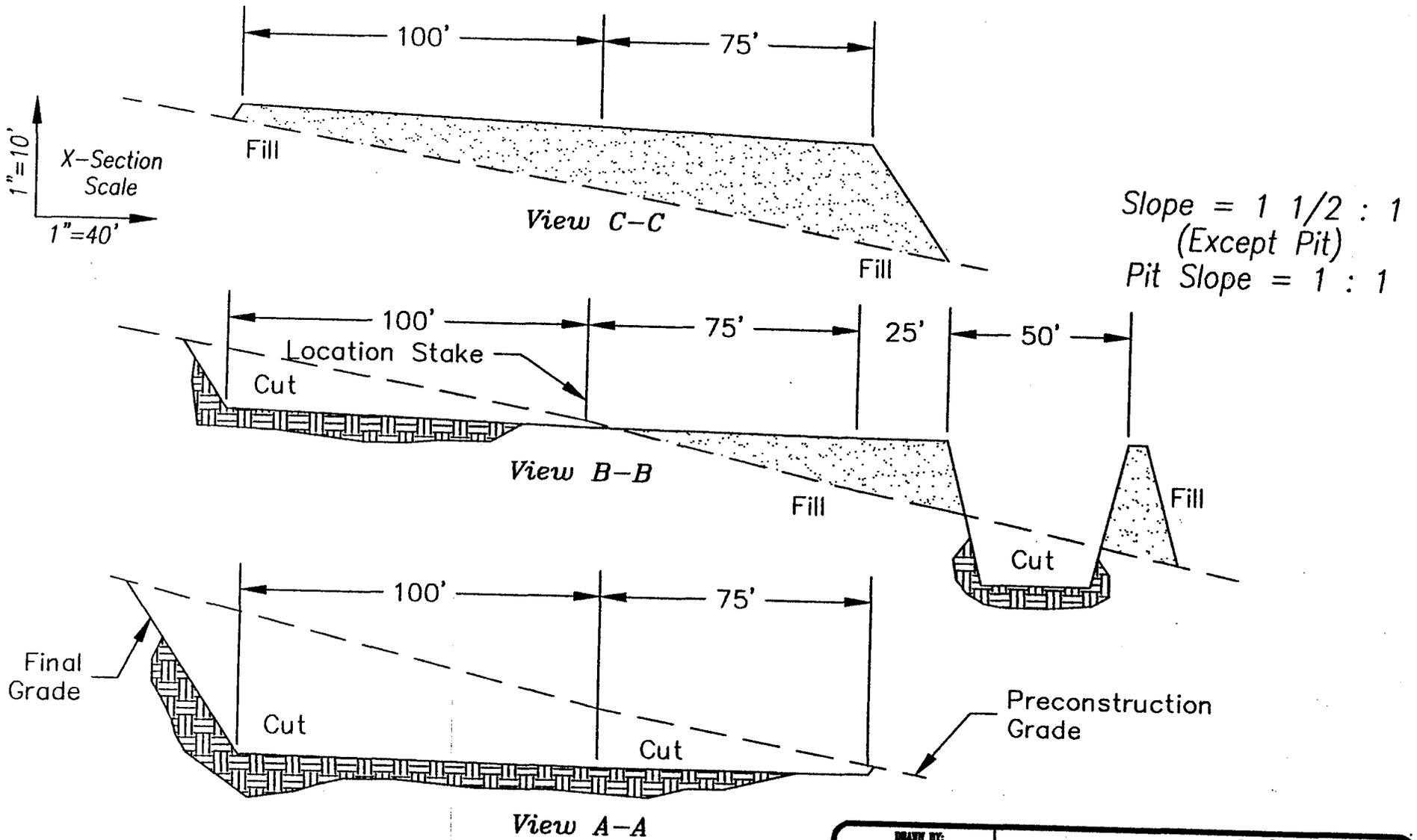


8/13/1998  
Pathfinder Office™  
 Trimble



Elevation Ungraded Ground at Location Stake = 6285.3'  
 Elevation Graded Ground at Location Stake = 6284.8'

DRAWN BY: <b>P. BOYLEN</b>	
CHECKED BY: <b>L.W.J.</b>	
DATE: <b>8/6/98</b>	3266 South 125 West Price, Utah 84501 (801) 637-9300 FAX (801) 637-2833
SCALE: <b>1"=50'</b>	
JOB NO. <b>414</b>	
DRAWING NO. <b>A-2</b>	<b>River Gas Corporation</b> Location Layout Section 5, T14S, R9E, S.L.B.&M. Well# 5-304
SHEET <b>2</b> OF <b>4</b>	

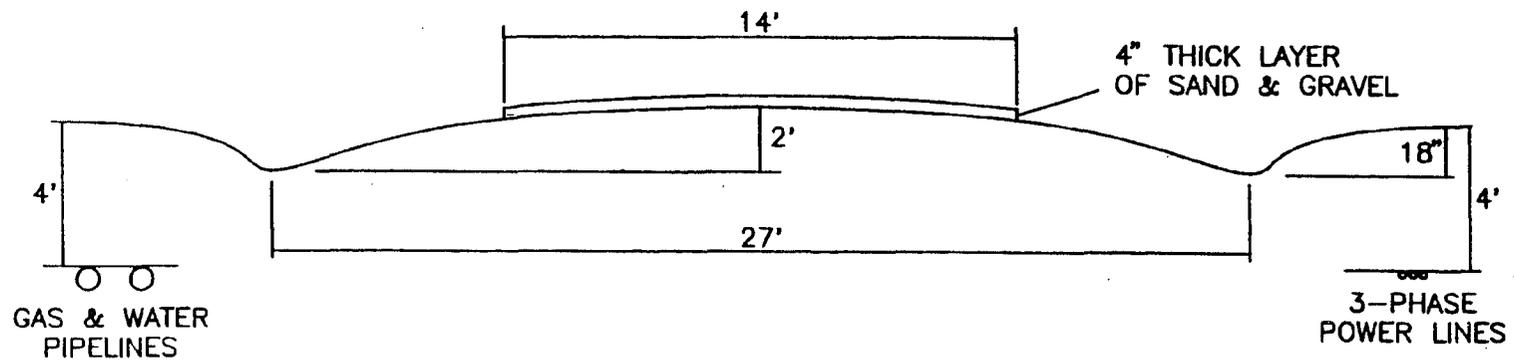


**APPROXIMATE YARDAGES**

<b>CUT</b>	
(6") Topsoil Stripping	= 750.0 Cu. Yds.
Remaining Location	= 3,155.9 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 3,905.9 Cu. Yds.</b>
<b>TOTAL FILL</b>	<b>= 2,466.9 Cu. Yds.</b>

DRAWN BY: <b>P. BOYLEN</b> CHECKED BY: <b>L.W.J.</b> DATE: <b>8/6/98</b> SCALE: <b>As Shown</b> JOB NO. <b>414</b> DRAWING NO. <b>C-1</b> SHEET <b>3</b> of <b>4</b>	 3200 South 125 West Price, Utah 84501 (801) 637-6300 FAX (801) 637-2633 <b>River Gas Corporation</b> <b>Typical Cross Sections</b> <b>Section 5, T14S, R9E, S.L.B.&amp;M.</b> <b>Well# 5-304</b>
--	--

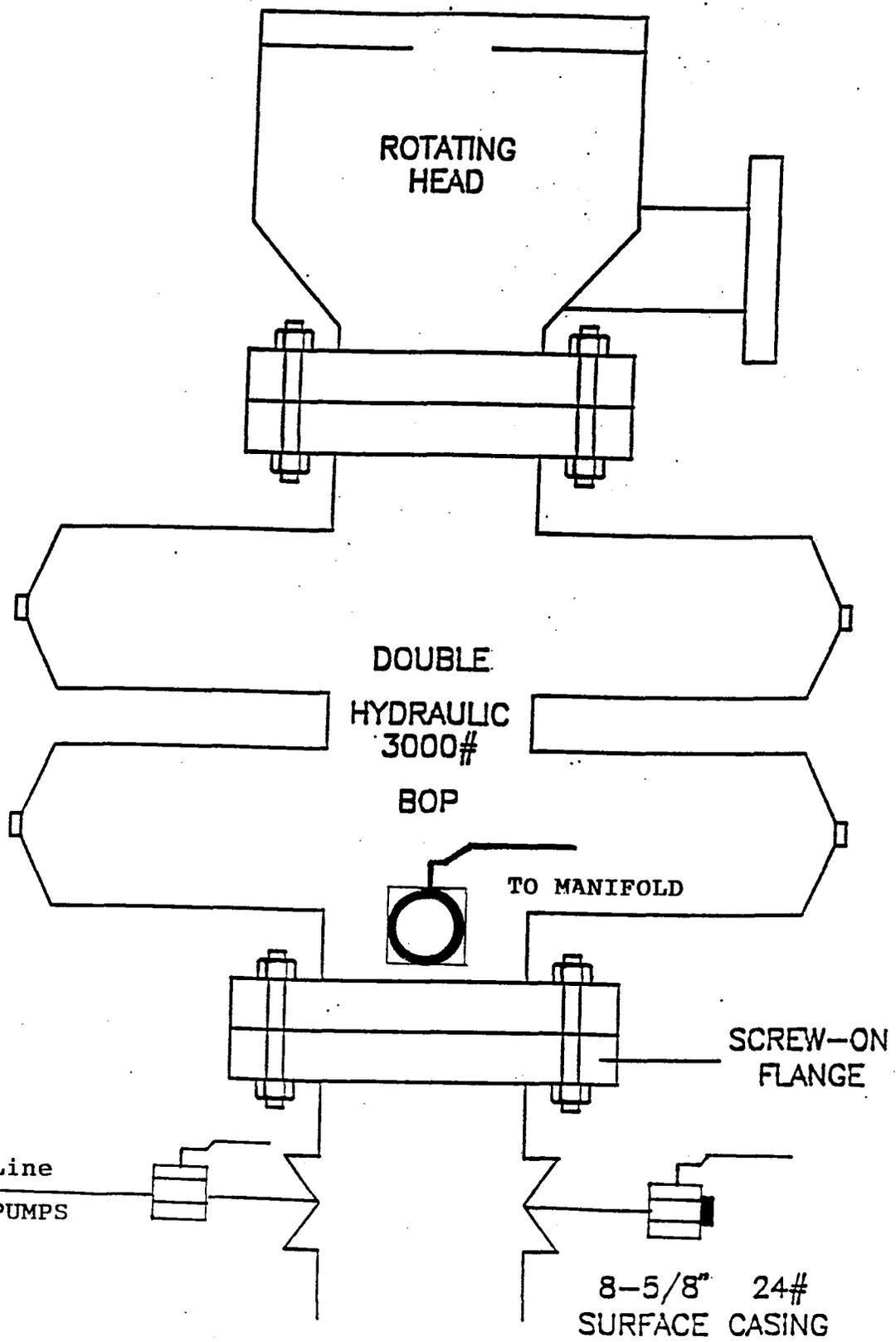
# RIVER GAS CORPORATION



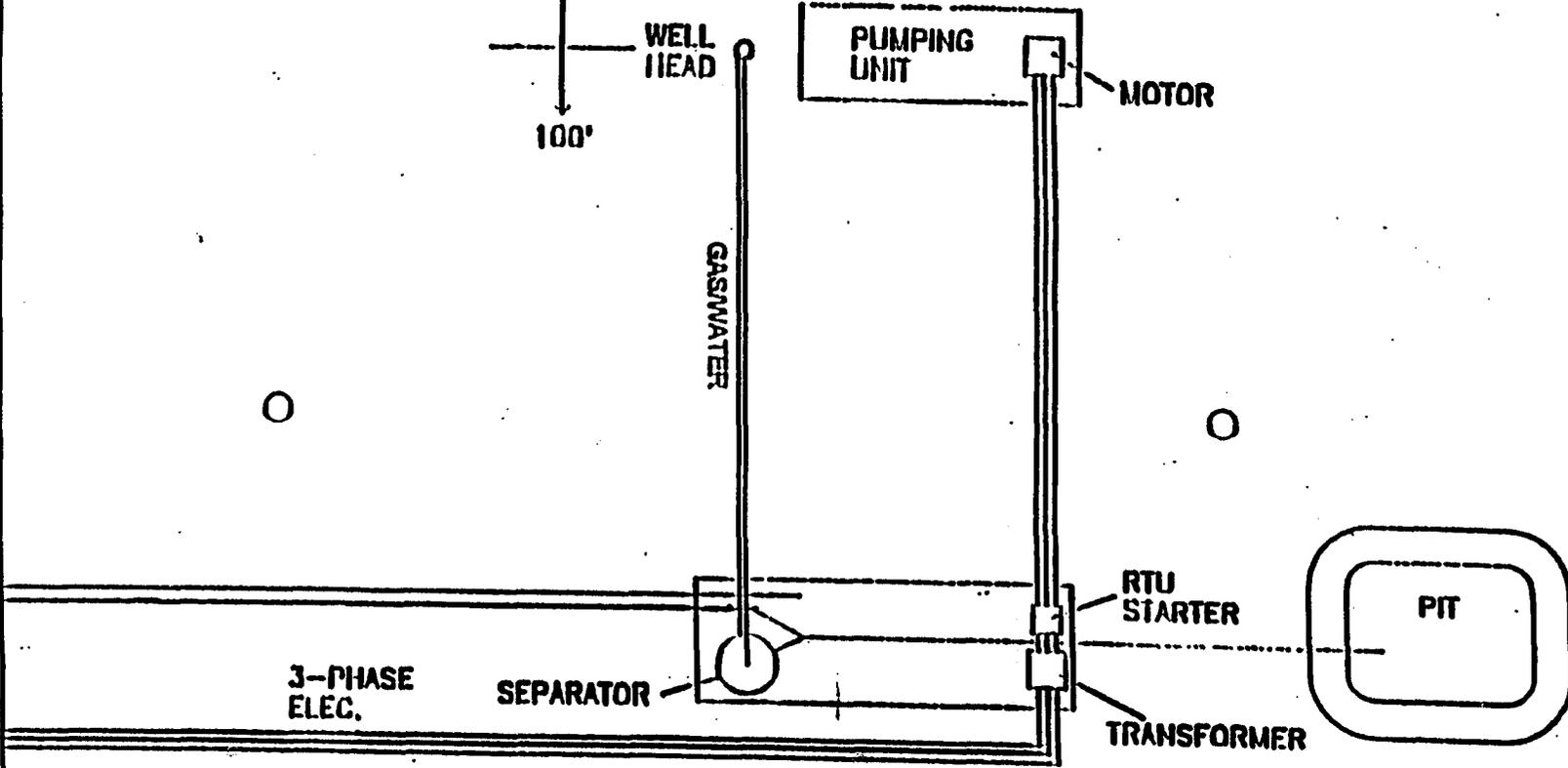
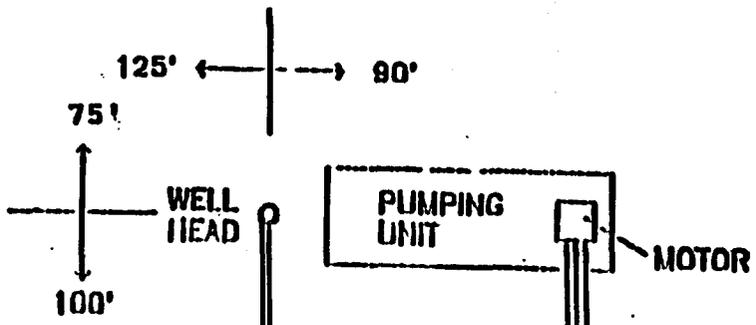
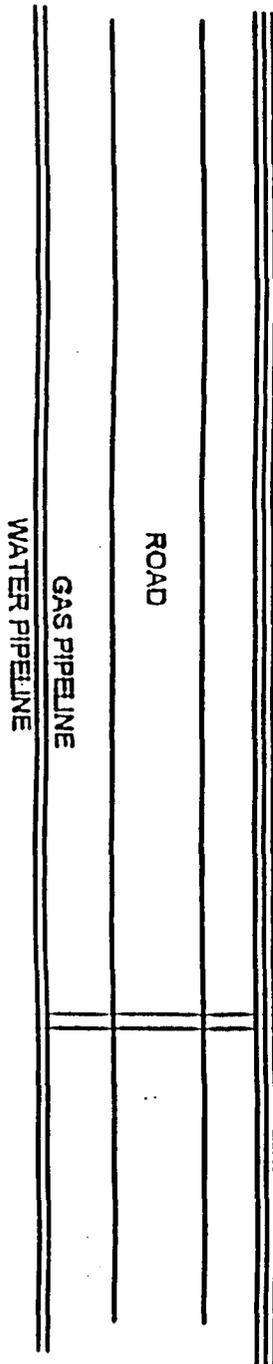
## TYPICAL ROAD CROSS-SECTION

NOT TO SCALE

# DIVERTER HEAD



○ ANCHOR (TYP. 4 PL.)



RIVER GAS CORP.  
WELL SITE LAYOUT  
215' X 175'

Exhibit "H"

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

International Services

Mobile:  
TELEX: 6821116  
Cable: AMSOMBL  
S.W.I.F.T. AMSB US 44

AMSOUTH BANK OF ALABAMA  
1900 FIFTH AVENUE NORTH  
BIRMINGHAM, ALABAMA 35203 USA  
OUR REFERENCE NUMBER: S308586

AMENDMENT NUMBER: 002  
TO LETTER OF CREDIT NUMBER: S308586  
DATE: NOVEMBER 13, 1995

BENEFICIARY:  
STATE OF UTAH  
DEPT. OF NATURAL RESOURCES  
DIV. OF OIL, GAS AND MINING  
355 WEST TEMPLE 3 TRIAD CENTER  
SUITE 350  
SALT LAKE CITY, UTAH 84180-1203

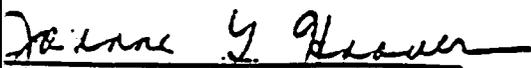
AT THE REQUEST OF RIVER GAS CORPORATION 3600 WATERMELON ROAD  
SUITE 204 NORTHPORT, ALABAMA 35476 AND FOR THE ACCOUNT OF SAME

WE HEREBY AMEND OUR LETTER OF CREDIT NUMBER S308586 DATED  
DECEMBER 3, 1993 OPENED IN YOUR FAVOR AS FOLLOWS:

ACCOUNT PARTY'S ADDRESS IS CHANGED  
TO: 511 ENERGY CENTER BLVD  
NORTHPORT, ALABAMA 35476

\*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

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 08/28/98

API NO. ASSIGNED: 43-007-30473

WELL NAME: RITZAKIS 5-304  
 OPERATOR: RIVER GAS CORPORATION (N1605)  
 CONTACT: Don Hamilton (435) 637-8876

PROPOSED LOCATION:  
 SESW 05 - T14S - R09E  
 SURFACE: 0688-FSL-1888-FWL  
 BOTTOM: 0688-FSL-1888-FWL  
 CARBON COUNTY  
 DRUNKARDS WASH FIELD (048)

INSPECT LOCATION BY: / /		
TECH REVIEW	Initials	Date
Engineering	RTK	9-10-98 **
Geology		
Surface		

LEASE TYPE: FEE  
 LEASE NUMBER:  
 SURFACE OWNER: Federal

PROPOSED FORMATION: FRSD

RECEIVED AND/OR REVIEWED:

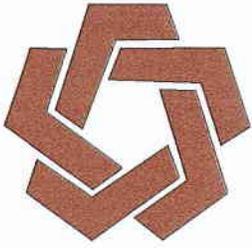
Plat  
 Bond: Federal[] State[] Fee   
 (No. 5308586)  
 Potash (Y/N)  
 Oil Shale (Y/N) \*190-5(B)  
 Water Permit  
 (No. PRWD / City of Price)  
 RDCC Review (Y/N)  
 (Date: \_\_\_\_\_)  
 St/Fee Surf Agreement (Y/N)

LOCATION AND SITING:

\_\_\_\_ R649-2-3. Unit \_\_\_\_\_  
 R649-3-2. General  
 \_\_\_\_ R649-3-3. Exception  
 \_\_\_\_ Drilling Unit  
 Board Cause No: \_\_\_\_\_  
 Date: \_\_\_\_\_

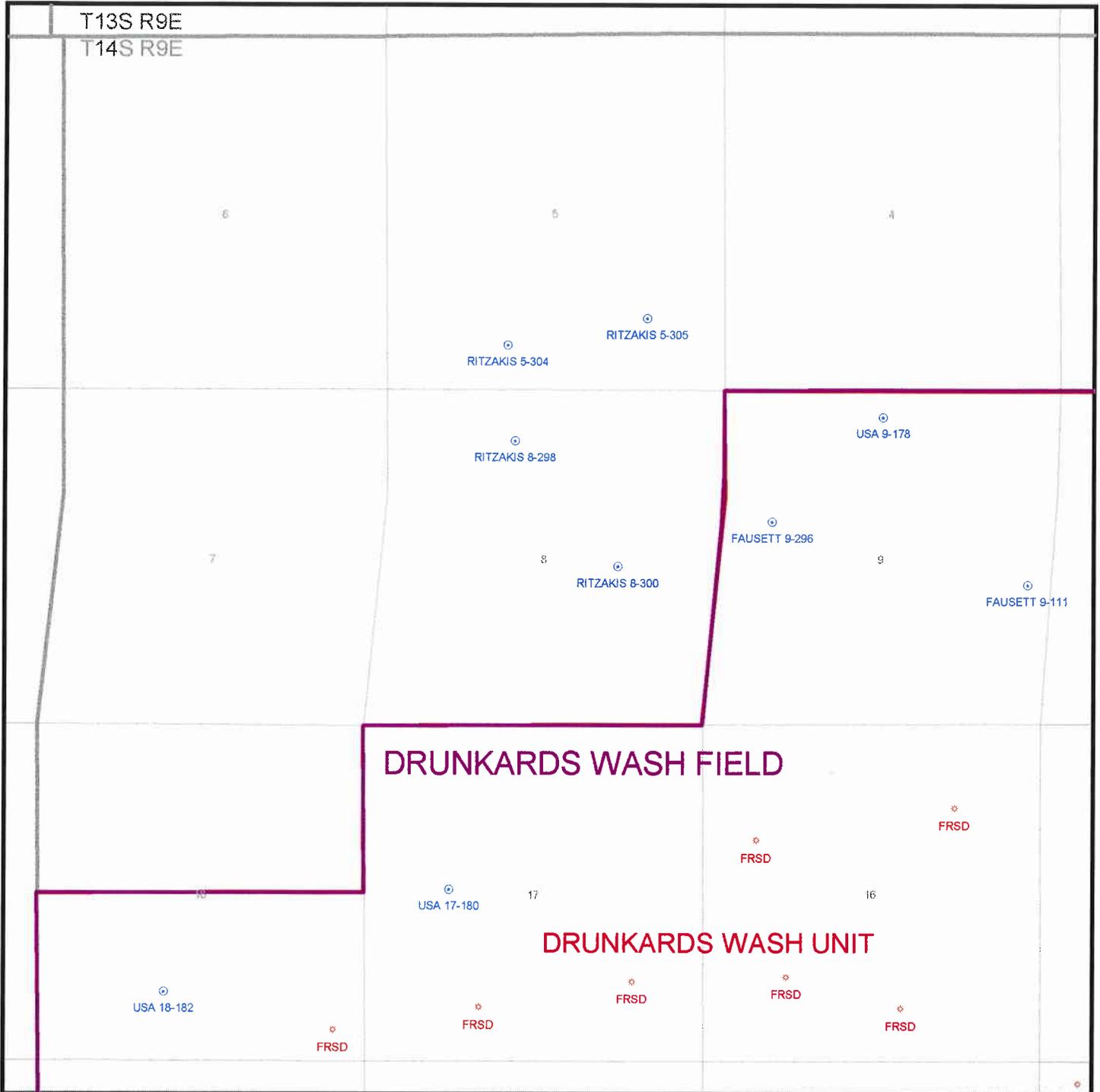
COMMENTS: \*Bum / moab rec'd APD- Bum approval not necessary.

STIPULATIONS: \*A Conductor and Surface casing shall be cemented to surface.



DIVISION OF OIL, GAS & MINING

OPERATOR: RIVER GAS COP (N1605)  
FIELD: DRUNKARDS WASH (048)  
SEC. 5, 8, & 17, TWP 14S, RNG 9E  
COUNTY: CARBON



DATE PREPARED:  
-AUG-1998

Well name:	<b>River Gas Corp. Ritzakis 5-304</b>	
Operator:	<b>River Gas Corp.</b>	Project ID:
String type:	<b>Surface</b>	<b>43-007-30473</b>
Location:	<b>Carbon County</b>	

**Design parameters:**

**Collapse**  
Mud weight: 8.330 ppg  
Internal fluid density: 4.170 ppg

**Minimum design factors:**

**Collapse:**  
Design factor 1.125

**Environment:**

H2S considered? No  
Surface temperature: 75 °F  
Bottom hole temperature: 80 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 368 ft

**Burst:**  
Design factor 1.00

Cement top: 1 ft

**Burst**

Max anticipated surface pressure: 0 psi  
Internal gradient: 0.468 psi/ft  
Calculated BHP: 172 psi

**Tension:**  
8 Round STC: 1.80 (J)  
8 Round LTC: 1.80 (J)  
Buttress: 1.60 (J)  
Premium: 1.50 (J)  
Body yield: 1.50 (B)

Non-directional string.

No backup mud specified.

Tension is based on buoyed weight.  
Neutral point: 322 ft

**Re subsequent strings:**

Next setting depth: 7,500 ft  
Next mud weight: 9.000 ppg  
Next setting BHP: 3,506 psi  
Fracture mud wt: 19.250 ppg  
Fracture depth: 7,500 ft  
Injection pressure: 7,500 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	368	8.625	24.00	J-55	ST&C	368	368	7.972	17.7
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	80	1370	17.23	172	2950	17.15	8	244	31.57 J

Prepared RJK  
by: Department of Natural Resources

Date: September 10, 1998  
State of Utah

STIPULATIONS: Conductor and surface casing shall be cemented to surface.  
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.  
Collapse is based on a vertical depth of 368 ft, a mud weight of 8.33 ppg An internal gradient of .217 psi/ft was used for collapse from TD to 0 ft.  
Burst strength is not adjusted for tension.

*Engineering responsibility for use of this design will be that of the purchaser.*

Well name:	<b>River Gas Corp. Ritzakis 5-304</b>	
Operator:	<b>River Gas Corp.</b>	Project ID:
String type:	<b>Production</b>	<b>43-007-30473</b>
Location:	<b>Carbon County</b>	

**Design parameters:**

**Collapse**  
 Mud weight: 8.330 ppg  
 Internal fluid density: 4.170 ppg

**Minimum design factors:**

**Collapse:**  
 Design factor 1.125

**Environment:**

H2S considered? No  
 Surface temperature: 75 °F  
 Bottom hole temperature: 129 °F  
 Temperature gradient: 1.40 °F/100ft  
 Minimum section length: 368 ft

**Burst:**  
 Design factor 1.00

Cement top: 1,527 ft

**Burst**

Max anticipated surface pressure: 0 psi  
 Internal gradient: 0.433 psi/ft  
 Calculated BHP: 1,670 psi

**Tension:**  
 8 Round STC: 1.80 (J)  
 8 Round LTC: 1.80 (J)  
 Buttress: 1.60 (J)  
 Premium: 1.50 (J)  
 Body yield: 1.50 (B)

Non-directional string.

No backup mud specified.

Tension is based on buoyed weight.  
 Neutral point: 3,372 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	3860	5.5	17.00	N-80	LT&C	3860	3860	4.767	133
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	834	6290	7.54	1670	7740	4.63	57	348	6.07 J

Prepared RJK  
 by: Department of Natural Resources

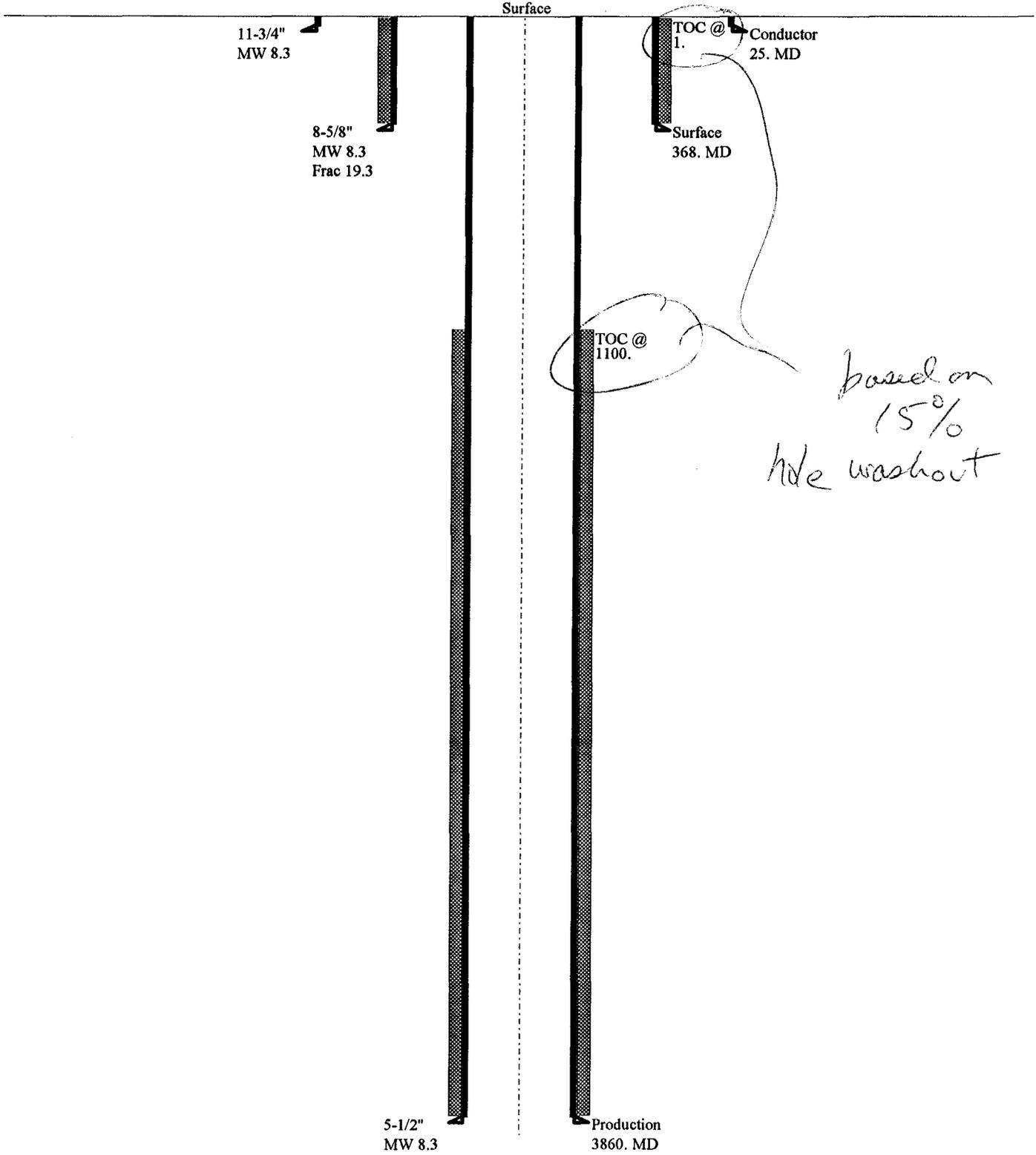
Date: September 10, 1998  
 State of Utah

STIPULATIONS: Conductor and surface casing shall be cemented to surface.  
 Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.  
 Collapse is based on a vertical depth of 3860 ft, a mud weight of 8.33 ppg. An internal gradient of .217 psi/ft was used for collapse from TD to 0 ft.  
 Burst strength is not adjusted for tension.

*Engineering responsibility for use of this design will be that of the purchaser.*

# River Gas Corp. Ritzakis 5-904

## Casing Schematic





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

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

Michael O. Leavitt  
Governor

Lowell P. Braxton  
Division Director

September 10, 1998

River Gas Corporation  
1305 South 100 East  
Price, Utah 84501

Re: Ritzakis 5-304 Well, 688' FSL, 1888' FWL, SE SW, Sec. 5,  
T. 14 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 43-007-30473.

Sincerely,

A handwritten signature in black ink, appearing to read 'John R. Baza'.  
John R. Baza  
Associate Director

lwp

Enclosures

cc: Carbon County Assessor  
Bureau of Land Management, Moab District Office



# RGC

# COPY

## RIVER GAS CORPORATION

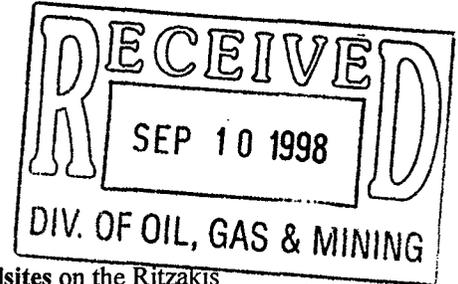
September 8, 1998

UTAH OPERATIONS  
1305 South 100 East  
Price, Utah 84501  
Bus. (435) 637-8876  
FAX (435) 637-8924

Ms. Joan Hubert  
Realty Specialist  
Bureau of Land Management  
125 South 600 West  
Price, Utah 84501-7004

### CONFIDENTIAL

CONFIDENTIAL



Re: Application for Transportation & Utility Systems on Federal Lands for wellsites on the Ritzakis mineral estate, Sections 5, and 8, T.14S., R.9E., SLB&M, Carbon County, Utah.

Dear Ms. Hubert:

Enclosed is the original of the *Application for Transportation, Utility Systems & Facilities on Federal Lands* for the above named wellsite in which an onsite was conducted on July 17, 1998. Processing fees, when determined, will be forwarded to your office. Included with the application is a *Plan of Development* with the following information:

Attachment "A" Survey Plat, Location Layout, Cross Section and Map- Ritzakis 05-304  
Attachment "B" Survey Plat, Location Layout, Cross Section and Map- Ritzakis 05-305  
Attachment "C" Survey Plat, Location Layout, Cross Section and Map- Ritzakis 08-298  
Attachment "D" Survey Plat, Location Layout, Cross Section and Map- Ritzakis 08-299  
Attachment "E" Survey Plat, Location Layout, Cross Section and Map- Ritzakis 08-300

43-007-30473

Sec. 5, 14S, 9E

Please accept this letter as River Gas Corporation's written request for confidential treatment of all information contained in and pertaining to this application, if said information is eligible for such consideration.

Thank you very much for the your timely consideration of this application. Please feel free to contact me if you have any questions or require additional clarification.

Sincerely,

*Don S. Hamilton*

Don S. Hamilton  
Permit Specialist

cc: Mr. Don Stephens, BLM, Price, Utah  
Mr. Chuck Snure, Texaco  
Mr. Gee Lake, Dominion  
Mr. R.A. LaMarre, Texaco  
Mr. John Baza, DOGM  
Mr. Joey Stephenson, RGC  
Mrs. Tammie Butts, RGC  
RGC ROW File  
RGC Well Files

APPLICATION FOR TRANSPORTATION AND  
UTILITY SYSTEMS AND FACILITIES  
ON FEDERAL LANDS

FORM APPROVED  
OMB NO. 1004-0060  
Expires: August 31, 1998

FOR AGENCY USE ONLY

NOTE: Before completing and filing the application, the applicant should completely review this package and schedule a preapplication meeting with representatives of the agency responsible for processing the application. Each agency may have specific and unique requirements to be met in preparing and processing the application. Many times, with the help of the agency representative, the application can be completed at the preapplication meeting.

Application Number

Date filed

1. Name and address of applicant (include zip code)

River Gas Corporation

1305 So. 100 E.

Price, Utah 84501

2. Name, title, and address of authorized agent if different from item 1 (Include zip code)

Don S. Hamilton

Permit Specialist

3. TELEPHONE (Area code)

Applicant

(435) 637-8876

Authorized Agent

(435)637-8876

4. As applicant are you? (Check one)

- a.  Individual
- b.  Corporation\*
- c.  Partnership/Association\*
- d.  State Government/State Agency
- e.  Local Government
- f.  Federal Agency

\* If checked, complete supplemental page

5. Specify what application is for: (Check one)

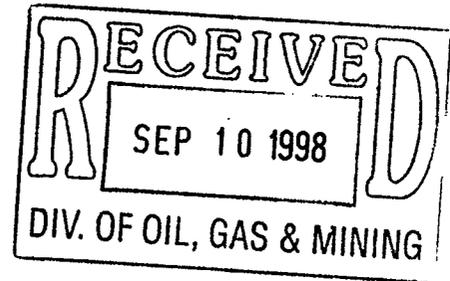
- a.  New authorization
- b.  Renewing existing authorization No.
- c.  Amend existing authorization No.
- d.  Assign existing authorization No.
- e.  Existing use for which no authorization has been received\*
- f.  Other\*

\* If checked, provide details under Item 7

6. If an individual, or partnership, are you a citizen(s) of the United States?  Yes  No

7. Project description (describe in detail): (a) Type of system or facility, (e.g., canal, pipeline, road); (b) related structures and facilities; (c) physical specifications (length, width, grading, etc.); (d) term of years needed; (e) time of year of use or operation; (f) Volume or amount of product to be transported; (g) duration and timing of construction; and (h) temporary work areas needed for construction (Attach additional sheets, if additional space is needed.)

See Attached Plan of Development



Attach a map covering area and show location of project proposal See Attachment "A"

State or local government approval:  Attached  Applied for  Not required

Nonreturnable application fee:  Attached  Not required  To Be Determined

Does project cross international boundary or affect international waterways?  Yes  No (If "yes" indicate on map)

Give statement of your technical and financial capability to construct, operate, maintain, and terminate system for which authorization is being requested.

(Continued on reverse) This form is authorized for local reproduction.

13a. Describe other reasonable alternative routes and modes considered.

This was the most reasonable alternative to minimize surface disturbance, & wildlife impacts.

b. Why were these alternatives not selected?

N/A

c. Give explanation as to why it is necessary to cross Federal Lands.

To access and develop federal oil & gas leases.

14. List authorizations and pending applications filed for similar projects which may provide information to the authorizing agency. (Specify number, date, code, or name)

N/A

15. Provide statement of need for project, including the economic feasibility and items such as: (s) cost of proposal (construction, operation and maintenance), (b) estimated cost of next best alternative; and (c) expected public benefits.

See Attached Plan of Development

16. Describe probable effects on the population in the area, including the social and economic aspects, and the rural lifestyles.

See Attached Plan of Development

17. Describe likely environmental effects that the proposed project will have on: (a) air quality; (b) visual impact; (c) surface and ground water quality and quantity; (d) the control or structural change on any stream or other body of water; (e) existing noise levels; and (f) the surface of the land, including vegetation, permafrost, soil, and soil stability.

N/A

18. Describe the probable effects that the proposed project will have on (a) populations of fish, plantlife, wildlife and marine life, including threatened and endangered species; and (b) marine mammals, including hunting, capturing, collecting, or killing these animals.

N/A

9. State whether any hazardous material, as defined in this paragraph, will be used, produced, transported or stored on or within the right-of-way or any of the right-of-way facilities, or used in the construction, operation, maintenance or termination of the right-of-way or any of its facilities. "Hazardous material" means any substance, pollutant or contaminant that is listed as hazardous under the Comprehensive Environmental Response, Compensation, and Liability Act of 1980, as amended, 42 U.S.C. 9601 et seq., and its regulations. The definition of hazardous substances under CERCLA includes any "hazardous waste" as defined in the Resource Conservation and Recovery Act of 1976 (RCRA), as amended, 42 U.S.C. 9601 et. seq. The term does not include petroleum, including crude oil or any fraction thereof that is not otherwise specifically listed or designated as a hazardous substance under CERCLA Section 101(14), 41 U.S.C. 9601(14), nor does the term include natural gas.

No hazardous materials, as defined, will be used, produced, transported or stored within the right-of-way.

0. Name all the Department(s) / Agency(ies) where this application is being filed.

I HEREBY CERTIFY, That I am of legal age and authorized to do business in the State and that I have personally examined the information contained in the application and believe that the information submitted is correct to the best of my knowledge.

Signature of Applicant

*Don S. Hamilton*

Date *9-8-98*

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

**SUPPLEMENTAL**

NOTE: The responsible agency (ies) will provide additional instructions

**CHECK APPROPRIATE BLOCK**

**I - PRIVATE CORPORATIONS**

- a. Articles of Incorporation
- b. Corporation Bylaws
- c. A certification from the State showing the corporation is in good standing and is entitled to operate within the State.
- d. Copy of resolution authorizing filing
- e. The name and address of each shareholder owning 3 percent or more of the shares, together with the number and percentage of any class of voting shares of the entity which such shareholder is authorized to vote and the name and address of each affiliate of the entity together with, in the case of an affiliate controlled by the entity, the number of shares and the percentage of any class of voting stock of that affiliate owned, directly or indirectly, by that entity, and in the case of an affiliate which controls that entity, the number of shares and the percentage of any class of voting stock of that entity owned, directly or indirectly, by the affiliate.
- f. If application is for an oil or gas pipeline, describe any related right-of-way or temporary use permit applications, and identify previous applications.
- g. If application is for an oil and gas pipeline, identify all Federal lands by agency impacted by proposal.

**ATTACHED**      **FILED**

**II - PUBLIC CORPORATIONS**

- a. Copy of law forming corporation
- b. Proof of organization
- c. Copy of Bylaws
- d. Copy of resolution authorizing filing
- d. If application is for an oil or gas pipeline, provide information required by Item "I-f" and "I-g" above.

\* If the required information is already filed with the agency processing this application and is current, check block entitled "Filed." Provide the file identification information (e.g., number, date, code, name). If not on file or current, attach the requested information.

The Privacy Act of 1974 provides that you be furnished the following information in connection with information required by this application for an authorization.

**AUTHORITY:** 16 U.S.C. 310; 5 U.S.C. 301.

**PRINCIPAL PURPOSE:** The information is to be used to process the application.

**ROUTINE USES:** (1) The processing of the applicant's request for an authorization. (2) Documentation for public information. (3) Transfer to appropriate Federal agencies when concurrence is required prior to granting a right in public lands or resources. (4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions.

voluntary. If all the information is not provided, the application may be rejected.

#### DATA COLLECTION STATEMENT

The Federal agencies collect this information from applicants requesting right-of-way, permit, license, lease, or certification for the use of Federal lands.

The Federal agencies use this information to evaluate the applicant's proposal.

The public is obligated to submit this form if they wish to obtain permission to sue Federal lands.

A reproducible copy of this form may be obtained from the Bureau of Land Management, Division of Lands, 1620 L Street, Rm. 204, Washington, D.C. 20036

APPLICATION FOR TRANSPORTATION AND UTILITY SYSTEMS  
AND FACILITIES ON FEDERAL LANDS

GENERAL INFORMATION  
ALASKA NATIONAL INTEREST LANDS

This application will be used when applying for a right-of-way, permit, license, lease, or certificate for the use of Federal lands which lie within conservation system units and National Recreation or Conservation Areas as defined in the Alaska National Interest Lands Conservation Act. Conservation system units include the National Park System, National Wildlife Refuge System, National Wild and Scenic Rivers System, National Trails System, National Wilderness Preservation System, and National Forest Monuments.

Transportation and utility systems and facility uses for which the application may be used are:

1. Canals, ditches, flumes, laterals, pipes, pipelines, tunnels, and other systems for the transportation of water.
2. Pipelines and other systems for the transportation of liquids other than water, including oil, natural gas, synthetic liquid and gaseous fuels, and any refined product produced therefrom.
3. Pipelines, slurry and emulsion systems, and conveyor belts for transportation of solid materials.

Department of Transportation  
Federal Aviation Administration  
Alaska Region AAL-4,222 West 7th Ave., Box 14  
Anchorage, Alaska 99513-7587  
Telephone: (907) 271-5285

NOTE: The Department of Transportation has established the above central filing point for agencies within that Department. Affected agencies are: Federal Aviation Administration (FAA), Coast Guard (USCG), Federal Highway Administration (FHWA), Federal Railroad Administration (FRA).

OTHER THAN ALASKA NATIONAL INTEREST LANDS

Use of this form is not limited to National Interest Conservation Lands of Alaska.

Individual department/agencies may authorize the use of this form by applicants for transportation and utility systems and facilities on other Federal lands outside those areas described above.

For proposals located outside of Alaska, applications will be filed at the local agency office or at a location specified by the responsible Federal agency.

SPECIFIC INSTRUCTIONS  
(Items not listed are self-explanatory)

- Item
- 7 Attach preliminary site and facility construction plans. The responsible agency will provide instructions whenever specific plans are required.
  - 8 Generally, the map must show the section(s), township(s) and range(s) within which the project is to be located. Show the proposed location of the project on the map as accurately as possible. Some agencies require detailed survey maps. The responsible agency will provide additional instructions.
  - 9, 10 and 12 - The responsible agency will provide additional instructions.
  - 13 Providing information on alternate routes and modes in as much detail as possible, discussing why certain routes or modes were rejected and why it is necessary to cross Federal lands will assist the agency (ies) in processing your application and reaching a final decision. Include only reasonable alternate routes and modes as related to current technology and economics.
  - 14 The responsible agency will provide instructions.
  - 15 Generally, a simple statement of the purpose of the proposal will be sufficient. However, major proposals located in critical or sensitive areas may require a full analysis with additional specific information. The responsible agency will provide additional instructions.
  - 16 through 19 - Providing this information in as much detail as possible will assist the Federal agency (ies) in processing the application and reaching a decision. When completing these items, you should use a sound judgement in furnishing relevant information. For example, if the project is not near a stream or other body of water, do not address this subject. The responsible agency will provide additional instructions.

Application must be signed by the applicant or applicant's authorized representative.

Public reporting burden for this form is estimated to vary from 30 minutes to 25 hours per response, with an average of 2 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management, (Alternate) Bureau Clearance Officer, (WO-873), 1849 C Street, N.W., Washington, D.C. 20040, and the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, D.C. 20503.

If additional space is needed to complete any item, please put the information on a separate sheet of paper and identify it as "Continuation of Item".

# PLAN OF DEVELOPMENT

River Gas Corporation  
Wellsite and Related Surface Facilities Easements  
Sections 5, & 8, T.14S., R.9E., SLB&M, Carbon County, Utah

## PURPOSE AND NEED FOR THE PROPOSED RIGHT-OF-WAY

The easements addressed in this *Plan of Development* are necessary to allow River Gas Corporation (RGC) to construct wellsites and related surface facilities in Sections 5, & 8, T.14S., R.9E., to accommodate the drilling, completing, production, and maintenance of five coalbed methane wells, (see Attachments "A" through "E"). The locations for five proposed wells, on private mineral and federal surface, are outside the Drunkards Wash Federal Unit. The easements would be used on a continuing basis to maintain the wells and related structures.

The requested easements would consist of a permanent disturbance for five well locations approximately 215' by 175' (0.86 acres) each, and a temporary disturbance for the pit of approximately 50' by 50' (.05 acres) each, for a total disturbed area of 4.61 acres on Federal surface. Attachments "A" through "E" shows survey plats, construction details, typical cross sections and maps of the five wellsites (including placement of the rig and emergency pit). The proposed easements would connect with rights-of-way on federal land for access, pipe and power corridors which will then connect to additional rights-of-way on private land.

## PROJECT DESCRIPTION

Construction of the proposed wellsites and associate pits would take place in the Spring and Summer of 1999. During construction of the proposed wellsites, use of the following heavy equipment would be required: water trucks, graders, dozers, a track excavator, and a gravel truck. The construction crew would consist of six to eight persons including laborers, equipment operators, and supervisors. Once construction begins, work would continue during daylight hours (and into the night if necessary) throughout the construction months.

During the drilling and completion phase of each well, traffic on the wellsite would consist of frequent use by personnel and supply transport, bulldozers, graders, and water trucks. Large equipment such as the drilling rig, the completion rig, and the fracture treating equipment would be positioned on the wellsite once during the use of that equipment's respective project. Following the completion of the wells, utilization of the wellsite would be limited to the minimum necessary to maintain and service the wells.

Seasonal access to the wellsite would be year-round in order to maintain the wells in optimal condition.

Alternates to the proposed wellsites have been considered by RGC and determined to be less desirable by agents of the Bureau of Land Management because of surface disturbance and wildlife issues.

Permits are currently being prepared to drill the wells and a bond is being posted to insure satisfactory completion of the wells.

## WILDLIFE CONCERNS

The wellsites are located in a wildlife area, big game corridor, big game security area, and are in an area of critical winter habitat for mule deer and critical winter and high value winter habitat for elk as identified in the Final Environmental Impact Statement (FEIS). RGC has

agreed to reclaim and revegetate the berms and reclaimed pit to further enhance habitat, and make reasonable efforts to mitigate for wildlife.

### WELLSITE CONSTRUCTION

Design and construction of the wellsites would adhere to attachments "A" through "E" and BLM specifications. The top six inches of topsoil material will be removed from the location and stored in the perimeter berm until final reclamation. Pad construction materials will be obtained locally from a private owner. Immediately upon completion of the wells all equipment that is not necessary for the production of the wells will be removed.

The pits will be located as described in Attachments "A" through "E" and the pit walls will be sloped at no greater than 2 to 1. The pits will be located in cut material with at least 50% of the pit volume being below original ground level. Three sides of the pit will be fenced before drilling starts and the fourth side will be fenced as soon as drilling is completed and shall remain until the pit is reclaimed.

### FACILITIES CONSTRUCTION

Included within each wellsite would be two buried pipelines and an electric power line. Of the two pipelines, one will be a 3" gas line and the others 4" water line. All pipelines would be constructed of high density, extra-high molecular weight polyethylene conforming to AWWA Standards.

The three-phase power line would be installed by RGC's contractor. Currently the contract for power line installation and maintenance is under negotiation and responsibility for the line would be assumed by whichever party performs the installation.

### CONSTRUCTION PROCEDURE

Prior to the beginning of construction, the wellsites and pits would be pin-flagged and/or staked. Following the stakes, the construction crew would carve out a subgrade to a 1% slope, stockpiling 6" of topsoil. Construction equipment used during this phase of the project would include a grader, a bulldozer, a water truck, and a pipe fusion machine.

The pipeline trench would be excavated to a depth of five feet and a width of four feet. Both the water and gas lines would be lowered into the trench using either a frontend loader or a trackhoe. Valve assemblies would be installed onto lines, with manholes and guards placed around both. When ready to fill the trench, and if the fill material were unusually coarse, a finer local material would be bedded around the pipe prior to back filling to protect it from damage. The pipeline trench would then be back filled by pushing the fill material into the trench using either a grader, a loader, or a dozer.

A trench would then be excavated (five feet deep by four feet wide) for the electric cable. After the cable were lowered into the trench, back filling would then proceed as outlined above, taking care to avoid damaging the cable. One transformer will also be located on the location above the installed electrical cable.

After completion of the wellsite, the disturbed areas outside of the berm would be recontoured and reclaimed based on BLM recommendations. Reseeding would be done with a seed drill and disk using the BLM approved seed mixture. Fertilizer would be distributed using a broadcast spreader.

**SAFETY**

All OSHA, BLM, and DOGM safety requirements would be followed during the construction process. A 2" barricade, painted safety yellow, would surround each manhole for the valve assemblies.

**STABILIZATION AND MAINTENANCE**

Construction debris and trash would be gathered to a centrally located dumpster. The dumpster would be emptied as necessary and the trash to an approved site such as ECDC. A portable toilet would be provided during the construction process and would be hauled away following construction by the owner to his facility.

Maintenance of the wellsites would include (but would not be limited to) painting, grading, snow removal, soil stabilization, weed abatement, and reseeding when necessary. Sufficient culverts and erosion control structures would be included in the project to prevent excessive erosion.

**CONTACTS**

River Gas Corp.	1305 South 100 East, Price, UT 84501	(435)637-8876
Don Hamilton	Permit Specialist	(435)636-5671
Lenny Grimsley	Construction Superintendent	(435)636-5259
Nelco Contractors, Inc.	758 South Fairgrounds Rd., Price, UT 84501	(435)637-3495
Larry Jensen	Construction Supervisor	(435)636-5268
Daryl Hussey	Crew Supervisor	(435)636-5269
Bureau of Land Management	125 South 600 West, Price, UT 84501	(435)636-3600
Don Stephens	Geologist	(435)636-3608
Joan Hubert	Realty Specialist	(435)636-3630

**Attachments**

Attachment "A" Survey Plat, Location Layout, Cross Section and Map- Ritzakis 05-304

Attachment "B" Survey Plat, Location Layout, Cross Section and Map- Ritzakis 05-305

Attachment "C" Survey Plat, Location Layout, Cross Section and Map- Ritzakis 08-298

Attachment "D" Survey Plat, Location Layout, Cross Section and Map- Ritzakis 08-299

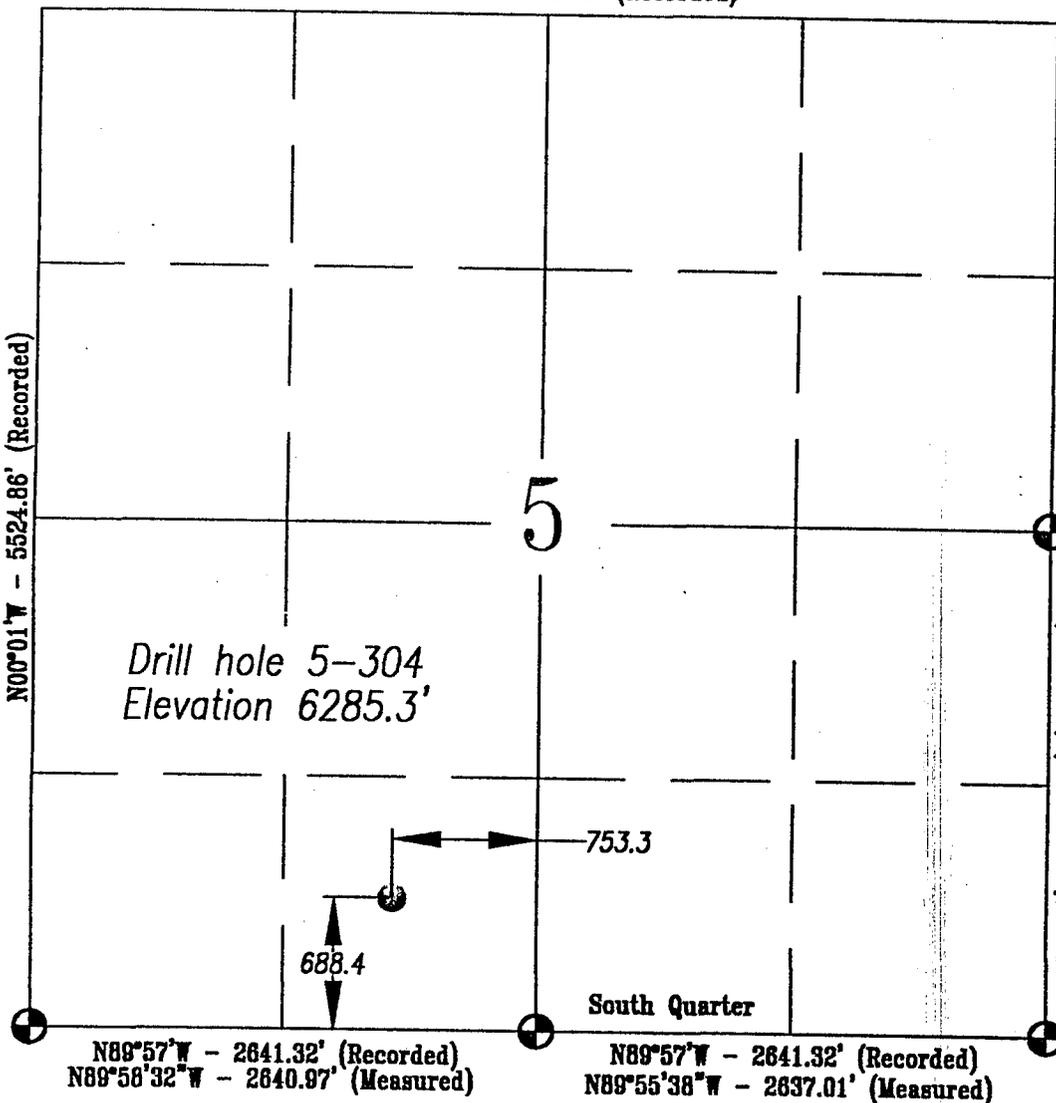
Attachment "E" Survey Plat, Location Layout, Cross Section and Map- Ritzakis 08-300

# Range 9 East

N89°43' E - 5280.0' (Recorded)

Township 14 South

N00°01'W - 5524.86' (Recorded)



Drill hole 5-304  
Elevation 6285.3'

688.4

753.3

South Quarter

N89°57'W - 2641.32' (Recorded)  
N89°58'32"W - 2640.97' (Measured)

N89°57'W - 2641.32' (Recorded)  
N89°55'38"W - 2637.01' (Measured)

## LEGEND:

-  Drill Hole Location
-  Found Section Corner monumented w/ Brass Cap Unless Indicated Otherwise.
-  Brass Cap (Searched for but not found)



SCALE:

250' 0' 500' 1000'

## Basis of Bearing:

Basis of Bearing N00°01'W recorded between the NE Corner and the East Quarter Corner of Section 8, Township 14 South, Range 9 East, Salt Lake Base and Meridian.

## Basis Of Elevation:

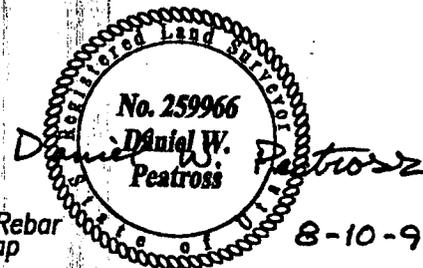
Basis of Elevation of 6234' as indicated in the North Quarter Corner of Section 8, Township 14 South, Range 9 East, Salt Lake Base and Meridian, as shown on the Standardville Quadrangle 7.5 Minute Series Map.

## Description of Location:

Proposed Drill Hole located in the SE 1/4 SW 1/4 of Section 5, 688.4' North and 753.3' West from the South Quarter Corner of Section 5, T14S, R9E, Salt Lake Base & Meridian.

## Surveyor's Certificate:

I, Daniel W. Peatross, a Registered Licensed Land Surveyor, holding Certificate #259966, State of Utah, do hereby certify that the information on this drawing is true and accurate to the best of my knowledge and belief, and was conducted by myself, as shown hereon.



Set Rebar & Cap

N00°01'W - 2918.52' (Recorded)

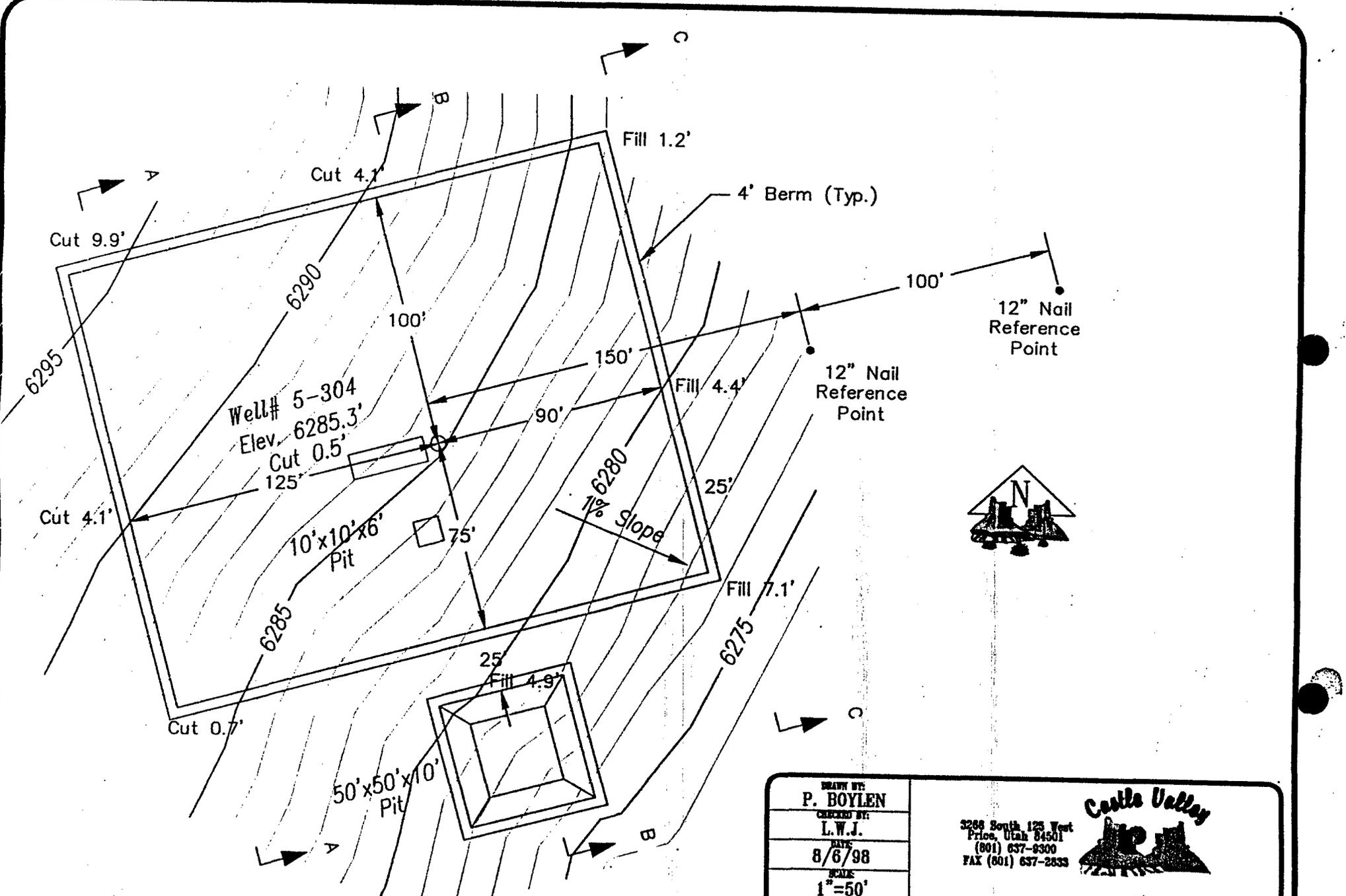
N00°01'W - 2640.0' (Recorded)  
N00°10'51"E - 2636.12' (Measured)

DRAWN BY:	P. BOYLEN
CHECKED BY:	L.W.J.
DATE:	8/8/98
SCALE:	1"=1000'
JOB NO.:	414
BLANKET NO.:	A-1
BLANKET	1 of 4

3224 South 125 West  
Preston, Utah 84301  
(801) 637-8300  
FAX (801) 637-2833

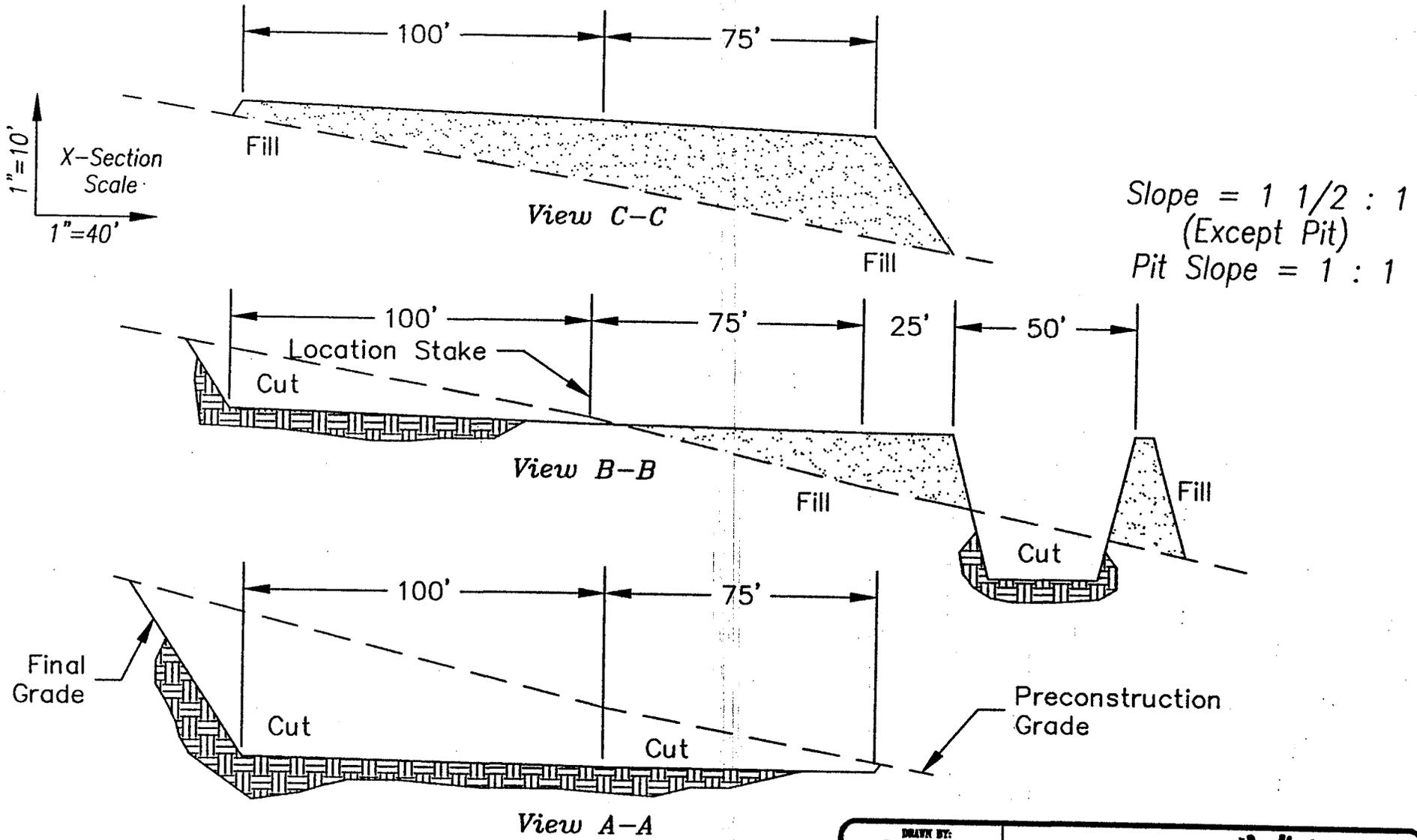


River Gas Corporation  
Section 5, T14S, R9E, S.L.B.&M.  
Well# 5-304  
Carbon County, Utah



Elevation Ungraded Ground at Location Stake = 6285.3'  
 Elevation Graded Ground at Location Stake = 6284.8'

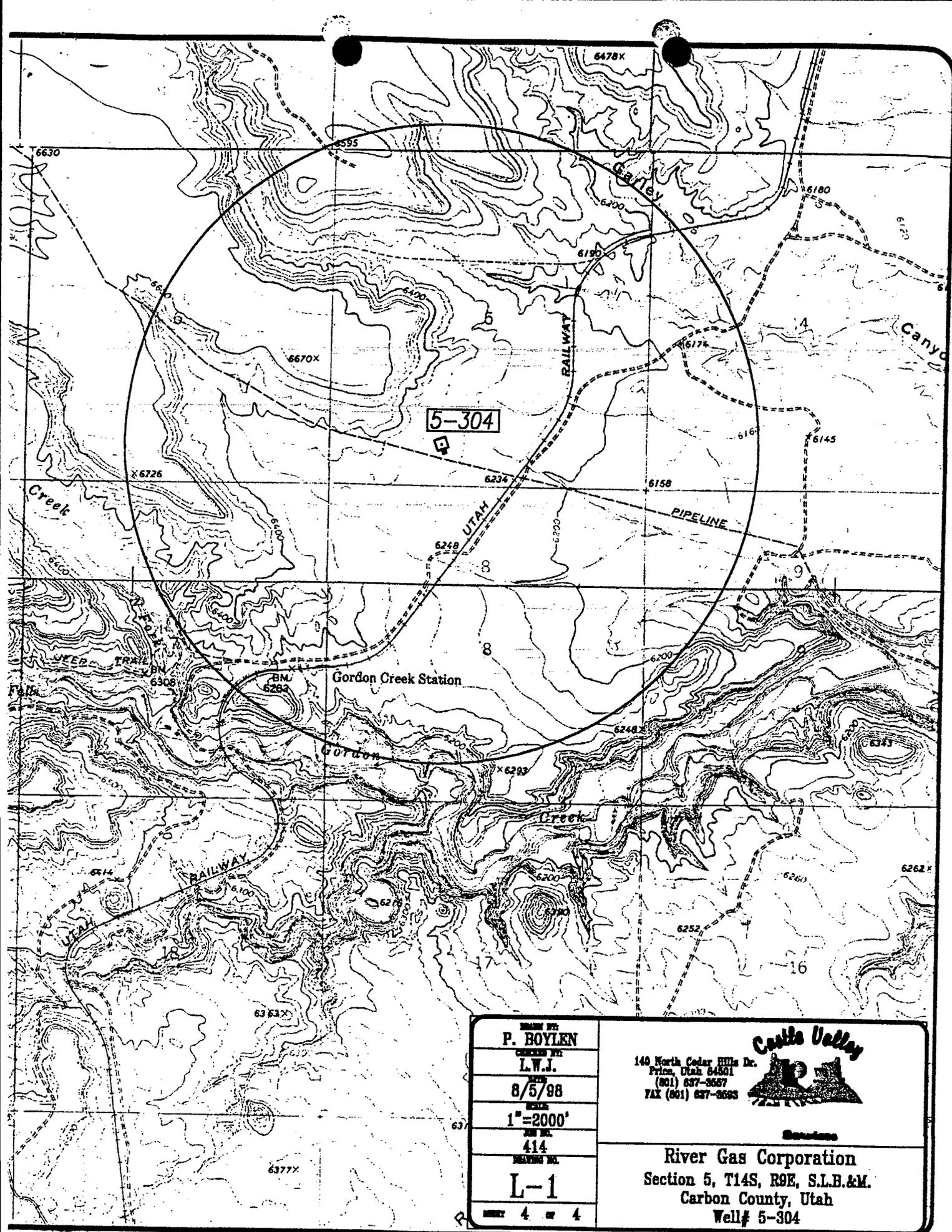
DRAWN BY: <b>P. BOYLEN</b>	
CHECKED BY: <b>L.W.J.</b>	
DATE: <b>8/6/98</b>	
SCALE: <b>1"=50'</b>	
JOB NO. <b>414</b>	
DRAWING NO. <b>A-2</b>	3288 South 125 West Price, Utah 84501 (801) 637-9300 FAX (801) 637-2833
SHEET <b>2</b> OF <b>4</b>	<b>Servicos</b> <b>River Gas Corporation</b> Location Layout Section 5, T14S, R9E, S.L.B.&M. Well # 5-304



APPROXIMATE YARDAGES

<b>CUT</b>	
(6") Topsoil Stripping	= 750.0 Cu. Yds.
Remaining Location	= 3,155.9 Cu. Yds.
<b>TOTAL CUT</b>	= 3,905.9 Cu. Yds.
<b>TOTAL FILL</b>	= 2,466.9 Cu. Yds.

DRAWN BY: <b>P. BOYLEN</b> CHECKED BY: <b>L.W.J.</b> DATE: <b>8/6/98</b> SCALE: <b>As Shown</b> JOB NO. <b>414</b> DRAWING NO. <b>C-1</b>	<b>Castle Valley</b> 3266 South 125 West Price, Utah 84501 (801) 637-9300 FAX (801) 637-2833  Services <b>River Gas Corporation</b> Typical Cross Sections Section 5, T14S, R9E, S.L.B.&M. Well# 5-304
SHEET <b>3</b> OF <b>4</b>	



**5-304**

Gordon Creek Station

DRAWN BY <b>P. BOYLEN</b>
CHECKED BY <b>L.W.J.</b>
DATE <b>8/5/98</b>
SCALE <b>1"=2000'</b>
SHEET NO. <b>414</b>
MAP SHEET NO. <b>L-1</b>
INDEX <b>4</b> OF <b>4</b>

**Castle Valley**  
 140 North Cedar Hills Dr.  
 Pricem, Utah 84501  
 (801) 637-3687  
 FAX (801) 637-3693



**River Gas Corporation**  
 Section 5, T14S, R9E, S.L.B.&M.  
 Carbon County, Utah  
 Well# 5-304

# RGC

COPY  
CONFIDENTIAL

## RIVER GAS CORPORATION

September 8, 1998

### UTAH OPERATIONS

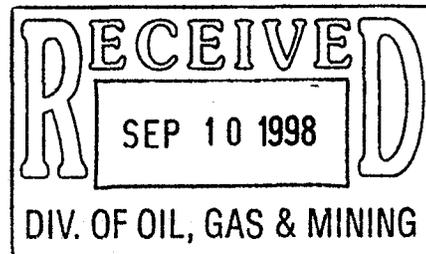
1305 South 100 East

Price, Utah 84501

Bus. (435) 637-8876

FAX (435) 637-8924

Ms. Joan Hubert  
Realty Specialist  
Bureau of Land Management  
125 South 600 West  
Price, Utah 84501-7004



Re: Application for Transportation & Utility Systems on Federal Lands for a road, pipe and power corridor to the Ritzakis mineral estate, Sections 5, 8, and 9, T.14S., R.9E., SLB&M, Carbon County, Utah.

Dear Ms. Hubert:

Enclosed is the original of the *Application for Transportation, Utility Systems & Facilities on Federal Lands* for the above named location in which an onsite was conducted on July 17, 1998. Processing fees, when determined, will be forwarded to your office. Included with the application is a *Plan of Development* with the following information:

Attachment "A" - Maps for the Proposed Right-of-Way;

Attachment "B" - Typical Construction Cross-section;

Attachment "C" - Typical Road Cross-section;

Please accept this letter as River Gas Corporation's written request for confidential treatment of all information contained in and pertaining to this application, if said information is eligible for such consideration.

Thank you very much for your timely consideration of this application. Please feel free to contact me if you have any questions or require additional clarification.

Sincerely,

*Don S. Hamilton*

Don S. Hamilton  
Permit Specialist

cc: Mr. Don Stephens, BLM, Price, Utah  
Mr. Chuck Snure, Texaco  
Mr. Gee Lake, Dominion  
Mr. R.A. LaMarre, Texaco  
Mr. John Baza, DOGM  
Mr. Joey Stephenson, RGC  
Mrs. Tammie Butts, RGC  
RGC ROW File

APPLICATION FOR TRANSPORTATION AND  
UTILITY SYSTEMS AND FACILITIES  
ON FEDERAL LANDS

FORM APPROVED  
OMB NO. 1004-0060  
Expires: August 31, 1998

FOR AGENCY USE ONLY

NOTE: Before completing and filing the application, the applicant should completely review this package and schedule a preapplication meeting with representatives of the agency responsible for processing the application. Each agency may have specific and unique requirements to be met in preparing and processing the application. Many times, with the help of the agency representative, the application can be completed at the preapplication meeting.

Application Number

Date filed

1. Name and address of applicant (include zip code)

River Gas Corporation  
1305 So. 100 E.  
Price, Utah 84501

2. Name, title, and address of authorized agent if different from item 1 (Include zip code)

Don S. Hamilton  
Permit Specialist

3. TELEPHONE (Area code)  
Applicant

(435) 637-8876

Authorized Agent  
(435)637-8876

4. As applicant are you? (Check one)

- a.  Individual  
b.  Corporation\*  
c.  Partnership/Association\*  
d.  State Government/State Agency  
e.  Local Government  
f.  Federal Agency

\* If checked, complete supplemental page

5. Specify what application is for: (Check one)

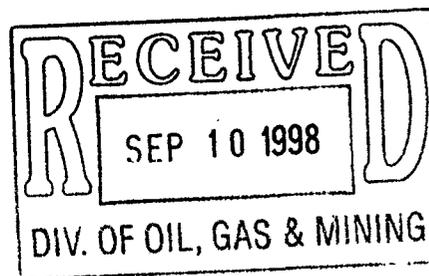
- a.  New authorization  
b.  Renewing existing authorization No.  
c.  Amend existing authorization No.  
d.  Assign existing authorization No.  
e.  Existing use for which no authorization has been received\*  
f.  Other\*

\* If checked, provide details under Item 7

6. If an individual, or partnership, are you a citizen(s) of the United States?  Yes  No

7. Project description (describe in detail): (a) Type of system or facility, (e.g., canal, pipeline, road); (b) related structures and facilities; (c) physical specifications (length, width, grading, etc.); (d) term of years needed; (e) time of year of use or operation; (f) Volume or amount of product to be transported; (g) duration and timing of construction; and (h) temporary work areas needed for construction (Attach additional sheets, if additional space is needed.)

See Attached Plan of Development



8. Attach a map covering area and show location of project proposal See Attachment "A"

9. State or local government approval:  Attached  Applied for  Not required

10. Nonreturnable application fee:  Attached  Not required  To Be Determined

11. Does project cross international boundary or affect international waterways?  Yes  No (If "yes" indicate on map)

12. Give statement of your technical and financial capability to construct, operate, maintain, and terminate system for which authorization is being requested.

(Continued on reverse) **This form is authorized for local reproduction.**

13a. Describe other reasonable alternative routes and modes considered.

This was the most reasonable alternative to minimize surface disturbance, & wildlife impacts.

b. Why were these alternatives not selected?

N/A

c. Give explanation as to why it is necessary to cross Federal Lands.

To access and develop federal oil & gas leases.

14. List authorizations and pending applications filed for similar projects which may provide information to the authorizing agency. (Specify number, date, code, or name)

N/A

15. Provide statement of need for project, including the economic feasibility and items such as: (s) cost of proposal (construction, operation and maintenance), (b) estimated cost of next best alternative; and (c) expected public benefits.

See Attached Plan of Development

16. Describe probable effects on the population in the area, including the social and economic aspects, and the rural lifestyles.

See Attached Plan of Development

17. Describe likely environmental effects that the proposed project will have on: (a) air quality; (b) visual impact; (c) surface and ground water quality and quantity; (d) the control or structural change on any stream or other body of water; (e) existing noise levels; and (f) the surface of the land, including vegetation, permafrost, soil, and soil stability.

N/A

18. Describe the probable effects that the proposed project will have on (a) populations of fish, plantlife, wildlife and marine life, including threatened and endangered species; and (b) marine mammals, including hunting, capturing, collecting, or killing these animals.

N/A

19. State whether any hazardous material, as defined in this paragraph, will be used, produced, transported or stored on or within the right-of-way or any of the right-of-way facilities, or used in the construction, operation, maintenance or termination of the right-of-way or any of its facilities. "Hazardous material" means any substance, pollutant or contaminant that is listed as hazardous under the Comprehensive Environmental Response, Compensation, and Liability Act of 1980, as amended, 42 U.S.C. 9601 et seq., and its regulations. The definition of hazardous substances under CERCLA includes any "hazardous waste" as defined in the Resource Conservation and Recovery Act of 1976 (RCRA), as amended, 42 U.S.C. 9601 et. seq. The term does not include petroleum, including crude oil or any fraction thereof that is not otherwise specifically listed or designated as a hazardous substance under CERCLA Section 101(14), 41 U.S.C. 9601(14), nor does the term include natural gas.

No hazardous materials, as defined, will be used, produced, transported or stored within the right-of-way.

20. Name all the Department(s) /Agency(ies) where this application is being filed.

I HEREBY CERTIFY, That I am of legal age and authorized to do business in the State and that I have personally examined the information contained in the application and believe that the information submitted is correct to the best of my knowledge.

Signature of Applicant

*Don S. Hamilton*

Date *9-8-78*

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

**SUPPLEMENTAL**

NOTE: The responsible agency (ies) will provide additional instructions

**CHECK APPROPRIATE BLOCK**

**I - PRIVATE CORPORATIONS**

- a. Articles of Incorporation
- b. Corporation Bylaws
- c. A certification from the State showing the corporation is in good standing and is entitled to operate within the State.
- d. Copy of resolution authorizing filing
- e. The name and address of each shareholder owning 3 percent or more of the shares, together with the number and percentage of any class of voting shares of the entity which such shareholder is authorized to vote and the name and address of each affiliate of the entity together with, in the case of an affiliate controlled by the entity, the number of shares and the percentage of any class of voting stock of that affiliate owned, directly or indirectly, by that entity, and in the case of an affiliate which controls that entity, the number of shares and the percentage of any class of voting stock of that entity owned, directly or indirectly, by the affiliate.
- f. If application is for an oil or gas pipeline, describe any related right-of-way or temporary use permit applications, and identify previous applications.
- g. If application is for an oil and gas pipeline, identify all Federal lands by agency impacted by proposal.

ATTACHED FILED

ATTACHED	FILED
<input type="checkbox"/>	<input type="checkbox"/>

**II - PUBLIC CORPORATIONS**

- a. Copy of law forming corporation
- b. Proof of organization
- c. Copy of Bylaws
- d. Copy of resolution authorizing filing
- d. If application is for an oil or gas pipeline, provide information required by Item "I-f" and "I-g" above.

<input type="checkbox"/>	<input type="checkbox"/>

**III - PARTNERSHIP OR OTHER UNINCORPORATED ENTITY**

- a. Articles of association, if any
- b. If one partner is authorized to sign, resolution authorizing action is
- c. Name and address of each participant, partner, association, or other
- d. If application is for an oil or gas pipeline, provide information required by Item "I-f" and "I-g" above.

<input type="checkbox"/>	<input type="checkbox"/>

\* If the required information is already filed with the agency processing this application and is current, check block entitled "Filed." Provide the file identification information (e.g., number, date, code, name). If not on file or current, attach the requested information.

The Privacy Act of 1974 provides that you be furnished the following information in connection with information required by this application for an authorization.

**AUTHORITY:** 16 U.S.C. 310; 5 U.S.C. 301.

**PRINCIPAL PURPOSE:** The information is to be used to process the application.

**ROUTINE USES:** (1) The processing of the applicant's request for an authorization. (2) Documentation for public information. (3) Transfer to appropriate Federal agencies when concurrence is required prior to granting a right in public lands or resources. (4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions.

voluntary. If all the information is not provided, the application may be rejected.

#### DATA COLLECTION STATEMENT

The Federal agencies collect this information from applicants requesting right-of-way, permit, license, lease, or certification for the use of Federal lands. The Federal agencies use this information to evaluate the applicant's proposal. The public is obligated to submit this form if they wish to obtain permission to sue Federal lands.

A reproducible copy of this form may be obtained from the Bureau of Land Management, Division of Lands, 1620 L Street, Rm. 204, Washington, D.C. 20036

APPLICATION FOR TRANSPORTATION AND UTILITY SYSTEMS  
AND FACILITIES ON FEDERAL LANDS

GENERAL INFORMATION  
ALASKA NATIONAL INTEREST LANDS

This application will be used when applying for a right-of-way, permit, license, lease, or certificate for the use of Federal lands which lie within conservation system units and National Recreation or Conservation Areas as defined in the Alaska National Interest Lands Conservation Act. Conservation system units include the National Park System, National Wildlife Refuge System, National Wild and Scenic Rivers System, National Trails System, National Wilderness Preservation System, and National Forest Monuments.

Transportation and utility systems and facility uses for which the application may be used are:

1. Canals, ditches, flumes, laterals, pipes, pipelines, tunnels, and other systems for the transportation of water.
2. Pipelines and other systems for the transportation of liquids other than water, including oil, natural gas, synthetic liquid and gaseous fuels, and any refined product produced therefrom.
3. Pipelines, slurry and emulsion systems, and conveyor belts for transportation of solid materials.

Department of Transportation  
Federal Aviation Administration  
Alaska Region AAL-4,222 West 7th Ave., Box 14  
Anchorage, Alaska 99513-7587  
Telephone: (907) 271-5285

NOTE: The Department of Transportation has established the above central filing point for agencies within that Department. Affected agencies are: Federal Aviation Administration (FAA), Coast Guard (USCG), Federal Highway Administration (FHWA), Federal Railroad Administration (FRA).

*OTHER THAN ALASKA NATIONAL INTEREST LANDS*

Use of this form is not limited to National Interest Conservation Lands of Alaska.

Individual department/agencies may authorize the use of this form by applicants for transportation and utility systems and facilities on other Federal lands outside those areas described above.

For proposals located outside of Alaska, applications will be filed at the local agency office or at a location specified by the responsible Federal agency.

**SPECIFIC INSTRUCTIONS**  
*(Items not listed are self-explanatory)*

- Item
- 7 Attach preliminary site and facility construction plans. The responsible agency will provide instructions whenever specific plans are required.
  - 8 Generally, the map must show the section(s), township(s) and range(s) within which the project is to be located. Show the proposed location of the project on the map as accurately as possible. Some agencies require detailed survey maps. The responsible agency will provide additional instructions.
  - 9, 10 and 12 - The responsible agency will provide additional instructions.
  - 13 Providing information on alternate routes and modes in as much detail as possible, discussing why certain routes or modes were rejected and why it is necessary to cross Federal lands will assist the agency (ies) in processing your application and reaching a final decision. Include only reasonable alternate routes and modes as related to current technology and economics.
  - 14 The responsible agency will provide instructions.
  - 15 Generally, a simple statement of the purpose of the proposal will be sufficient. However, major proposals located in critical or sensitive areas may require a full analysis with additional specific information. The responsible agency will provide additional instructions.
  - 16 through 19 - Providing this information in as much detail as possible will assist the Federal agency (ies) in processing the application and reaching a decision. When completing these items, you should use a sound judgement in furnishing relevant information. For example, if the project is not near a stream or other body of water, do not address this subject. The responsible agency will provide additional instructions.

Application must be signed by the applicant or applicant's authorized representative.

Public reporting burden for this form is estimated to vary from 30 minutes to 25 hours per response, with an average of 2 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management, (Alternate) Bureau Clearance Officer, (WO-873), 1849 C Street, N.W., Washington, D.C. 20040, and the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, D.C. 20503.

If additional space is needed to complete any item, please put the information on a separate sheet of paper and identify it as "Continuation of Item".

# PLAN OF DEVELOPMENT

River Gas Corporation  
Pipeline, Power Line, & Road Easements  
Sections 5, 8, & 9, T.14S., R.9E., SLB&M, Carbon County, Utah

## PURPOSE AND NEED FOR THE PROPOSED RIGHT-OF-WAY

The easements addressed in this *Plan of Development* are necessary to allow River Gas Corporation (RGC) to construct roads, pipelines, and power lines through Sections 5, 8, and 9, T.14S., R.9E., to accommodate future development of our existing infrastructure, (see Attachment "A"). The proposed easement would provide access to five proposed wells on private mineral and federal surface. The proposed easements would also allow RGC to further develop private and federal land in the area by providing necessary access to the wells, pipelines, and related facilities to transport personnel, equipment, materials, power, produced gas, and produced water. It would also be used on a continuing basis to access the wells, pipelines and power lines for maintenance and repairs.

The requested easements would consist of approximately 14,100 feet (2.67 miles) in length by 70' in width temporary disturbance (22.66 acres) and 14,100 feet (2.67 miles) in length by 60' in width permanent disturbance (19.42 acres) on Federal acreage. Attachments "B" & "C" show construction details and a typical cross section of RGC's roads (including placement of power lines and pipelines), respectively. Approximately half of the length of the proposed route would consist of reworked existing roads with only 7800' of new construction (except for portions where existing roads would be reclaimed to mitigate for newly created roads as requested by officers of the BLM) and would be used on a permanent basis for the life of the associated wells. The proposed easements would *not* be ancillary to any other Federal right-of-way, but would connect with rights-of-way on patented land and portions of this proposal are inside of the Drunkards Wash Federal Unit.

## PROJECT DESCRIPTION

Construction of the proposed Class II road would take place in the Spring and Summer of 1999. During construction of the proposed road, pipelines, and power line, use of the following heavy equipment would be required: water trucks, graders, scrapers, dozers, a track excavator, and a gravel truck. The construction crew would consist of six to eight persons including laborers, equipment operators, and supervisors. Once construction begins, work would continue during daylight hours (and into the night if necessary) throughout the construction months.

During the drilling and completion phase of each well, traffic on the proposed Class II road would consist of frequent use by personnel and supply transport, bulldozers, graders, and water trucks. Large equipment such as the drilling rig, the completion rig, and the fracture treating equipment would be hauled across the road once at the beginning of that equipment's respective project and again at the conclusion of the work. Following the completion of the wells, utilization of the road would be limited to the minimum necessary to maintain and service the wells.

Seasonal access to the proposed route would be year-round in order to maintain the wells in optimal condition.

Alternates to the proposed route have been considered by RGC and determined to be less desirable by agents of the Bureau of Land Management because of surface disturbance and wildlife issues.

A permit is currently being negotiated to cross the Utah Railway easement and a bond is being posted to insure satisfactory completion of the railroad crossing.

### **WILDLIFE CONCERNS**

The route crosses a wildlife area, big game corridor, big game security area and is in an area of critical winter habitat for mule deer and critical winter and high value winter habitat for elk as identified in the Final Environmental Impact Statement (FEIS). RGC has agreed to reclaim and revegetate redundant roads along this route to further enhance habitat, and make reasonable efforts to mitigate for wildlife.

### **ROAD CONSTRUCTION**

Design and construction of the road would adhere to BLM Class II specifications. The existing road would be upgraded, and maintained to BLM Class II specifications. As outlined in the Class II guidelines, the maximum grade would not exceed 10%. The road would be surfaced with approximately 4" of gravel. In addition to the gravel, an armor coating (such as Mag Chloride) would be applied to the road surface for added stability, durability, and dust suppression. The road width would be 27' between borrow pits, and the traveling surface would be 16' to 24' wide (see Attachment "C").

No bridges, retaining walls would be required for this road, however, several minor washes will be crossed in which 18" culverts will be used. No Corps of Engineers 404 dredging permit will be necessary for any of the wash crossings.

### **FACILITIES CONSTRUCTION**

Included within the route would be two buried pipelines and an electric power line. The pipelines would be installed on either the west or south side of the road and the power lines on either the east or north side. Of the two pipelines, one will be a 3 - 18" gas lines and the others 4 - 16" water lines. All pipelines would be constructed of high density, extra-high molecular weight polyethylene conforming to AWWA Standards.

The three-phase power line would be installed by RGC's contractor. Currently the contract for power line installation and maintenance is under negotiation and responsibility for the line would be assumed by whichever party performs the installation.

### **CONSTRUCTION PROCEDURE**

Prior to the beginning of construction, the entire route would be pin-flagged and/or staked. Following the centerline of the staked road, the construction crew would carve out a subgrade to a flat state, stockpiling 4" of topsoil. Then the grader and water truck would pull material from the borrow ditch to the center of the road--building a crown in the center. Culverts would then be installed and pipe materials moved in on both ends of the route. Multiple lengths of plastic pipe would be fused together into 1000' lengths. The 1000' lengths of pipe would then be dragged along the route and placed end to end over the total length of the project and

eventually fused together. Construction equipment used during this phase of the project would include a grader, a bulldozer, a water truck, and a pipe fusion machine.

The pipeline trench would be excavated to a depth of five feet and a width of four feet. Both the water and gas lines would be lowered into the trench using either a front-end loader or a trackhoe. Airvacs and drips would be installed onto the main lines, with manholes and guards placed around both. When ready to fill the trench, and if the fill material were unusually coarse, a finer local material would be bedded around the pipe prior to back filling to protect from damage. The pipeline trench would then be back filled by pushing the fill material into the trench using either a grader, a loader, or a dozer.

A trench would then be excavated (five feet deep by four feet wide) for the electric cable. After the cable were lowered into the trench, back filling would then proceed as outlined above, taking care to avoid damaging the cable.

Next, the road would be dressed and prepped for gravel by the grader and the water truck. Finally, the gravel would be spread and compacted by subsequent passes of the grader and the water truck.

After completion of the road, the disturbed areas outside of the borrow pits would be recontoured and reclaimed based on BLM recommendations. Reseeding would be done with a seed drill and disk using the BLM approved seed mixture. Fertilizer would be distributed using a broadcast spreader.

### **SAFETY**

All OSHA, BLM, and DOGM safety requirements would be followed during the construction process. A 2" barricade, painted safety yellow, would surround each manhole for the airvacs and drips.

### **STABILIZATION AND MAINTENANCE**

Construction debris and trash would be gathered to a centrally located dumpster. The dumpster would be emptied as necessary and the trash to an approved site such as ECDC. A portable toilet would be provided during the construction process and would be hauled away following construction by the owner to his facility.

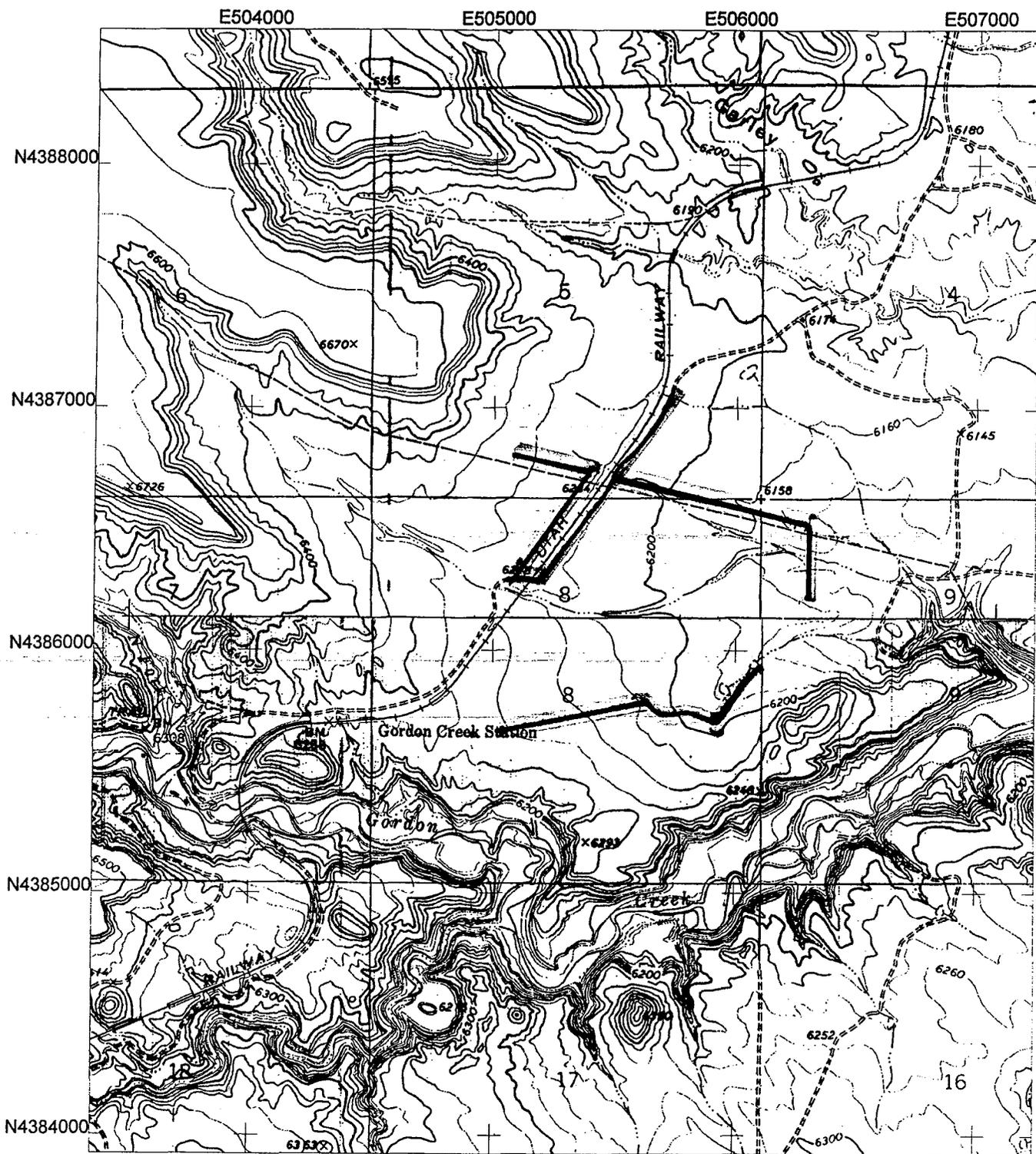
Maintenance of the route would include (but would not be limited to) grading, snow removal, soil stabilization, and reseeded when necessary. Sufficient culverts and erosion control structures would be included in the project to prevent excessive erosion.

## CONTACTS

River Gas Corp.	1305 South 100 East, Price, UT 84501	(435)637-8876
Don Hamilton	Permit Specialist	(435)636-5671
Lenny Grimsley	Construction Superintendent	(435)636-5259
Nelco Contractors, Inc.	758 South Fairgrounds Rd., Price, UT 84501	(435)637-3495
Larry Jensen	Construction Supervisor	(435)636-5268
Daryl Hussey	Crew Supervisor	(435)636-5269
Bureau of Land Management	125 South 600 West, Price, UT 84501	(435)636-3600
Don Stephens	Geologist	(435)636-3608
Joan Hubert	Realty Specialist	(435)636-3630

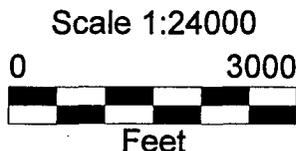
**Attachments**

- |                |                                    |
|----------------|------------------------------------|
| Attachment "A" | Maps of Proposed Route             |
| Attachment "B" | Typical Construction Cross Section |
| Attachment "C" | Typical Road Cross Section         |

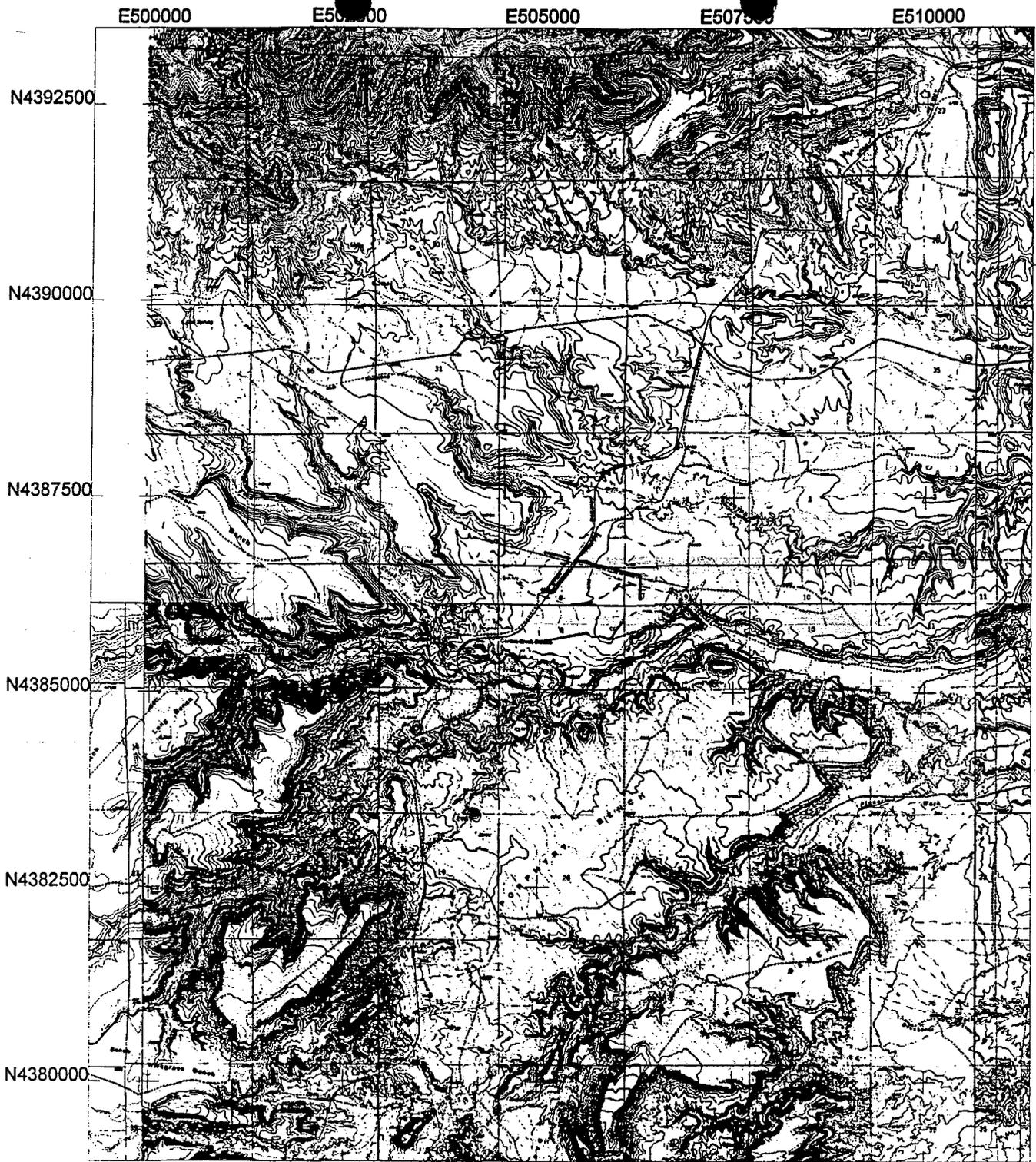


# Proposed Road Network -- Ritzakis Estate

Universal Transverse Mercator  
 North 12  
 NAD83 (Conus)



9/2/1998  
 Pathfinder Office™  
 Trimble



# Proposed Road Network -- Ritzakis Estate

Universal Transverse Mercator  
North 12  
NAD83 (Conus)

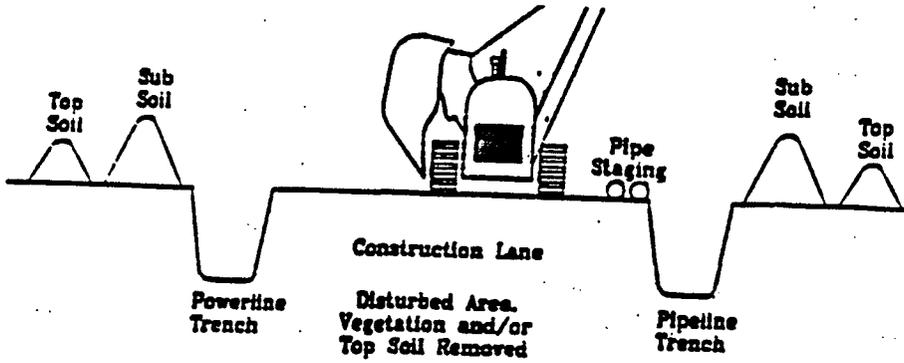


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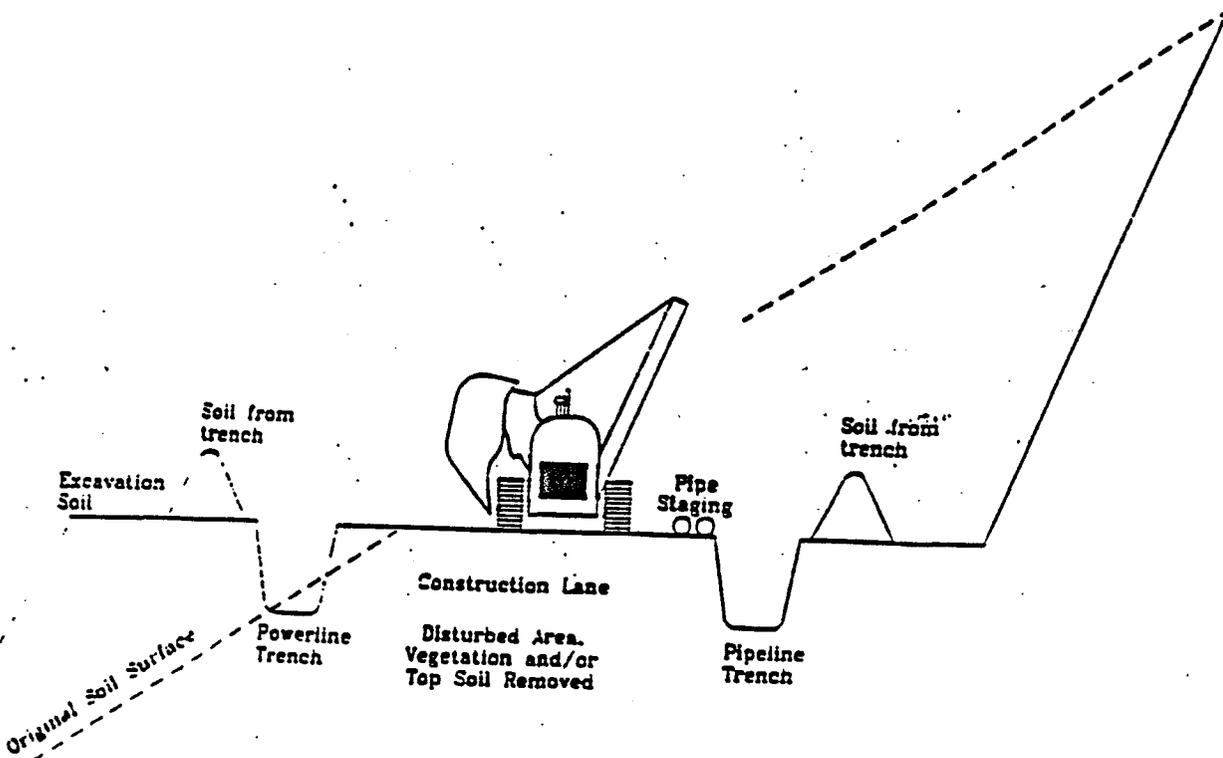


9/2/1998  
Pathfinder Office™  
 Trimble

### TYPICAL CONSTRUCTION CROSS SECTION



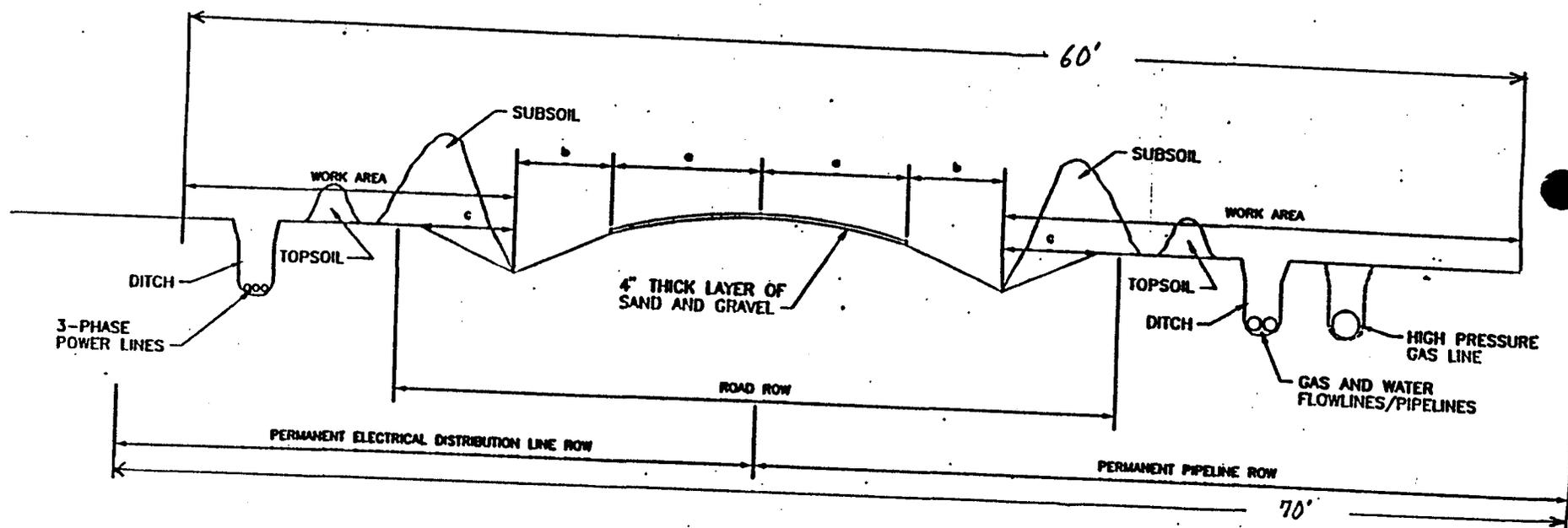
### CONSTRUCTION ON LEVEL TERRAIN



### CONSTRUCTION ON 35 PERCENT LEFT TO RIGHT SIDESLOPES

Not To Scale

### TYPICAL ROAD CROSS SECTION (Adapted from Fig. 2.2-1 FEIS)



NOT TO SCALE

	SURFACED TRAVELWAY WIDTH (ft)	a (ft)	b (ft)	c (ft)	APPROXIMATE DISTURBANCE WIDTH a (ft)	TOTAL ROW ** WIDTH (ft)
RESOURCE ROAD	16	8	4	4	61	73
LOCAL ROAD	20	10	5	5	70	70
COLLECTOR ROAD	24	12	6	6	83	93

- \* DISTURBANCE WIDTH INCLUDES 10 FEET OF DISTURBANCE FOR CONSTRUCTION/INSTALLATION OF FLOWLINES (GAS AND WATER PIPELINES) ON ONE SIDE OF THE ROAD AND 10 FEET OF DISTURBANCE FOR CONSTRUCTION/INSTALLATION OF UNDERGROUND ELECTRICAL DISTRIBUTION LINES.
- \*\* INCLUDES AN ADDITIONAL 10 FEET (5 FEET FOR BOTH ELECTRICAL CABLES AND PIPELINES) FOR PERMANENT ROW.

Job No. :	23378	FIG. 2.2-1 PRICE COALBED METHANE EIS TRANSPORTATION CORRIDOR (ACCESS ROAD, PIPELINES, ELECTRICAL DISTRIBUTION LINES)
Prepared by :	R.W.B.	
Date :	8/28/88	

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

6. Lease Designation and Serial Number

Patented Land

7. Indian Allottee or Tribe Name

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

8. Unit or Communitization Agreement

Drunkards Wash

9. Well Name and Number

Ritzakis 05-304

10. API Well Number

43-007-30473

11. Field and Pool, or Wildcat

Drunkards Wash

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

2. Name of Operator  
River Gas Corporation

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

4. Telephone Number  
205-759-3282

5. Location of Well  
35473

Footage : 688' FSL, 1888' FWL  
OO, Sec. T., R., M. : SE/SW Sec. 5, T14S, R9E

County : Carbon  
State : UTAH

**CONFIDENTIAL**

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

NOTICE OF INTENT  
(Submit in Duplicate)

SUBSEQUENT REPORT  
(Submit Original Form Only)

- 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

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

Approximate Date Work Will Start 09-30-99

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.)

The APD for the subject well expired September 10, 1999. River Gas desires to drill this well as soon as possible, and we respectfully request that an extension of the permit be granted.

COPY SENT TO OPERATOR  
Date: 9-29-99  
Initials: CHD

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

Name & Signature Terry D. Burns *Terry D. Burns* Title Geologist Date 09-27-99  
(State Use Only)

RECEIVED  
SEP 27 1999  
DIV. OF OIL, GAS & MINING

See Instructions on Reverse Side

Approved by the  
Utah Division of  
Oil, Gas and Mining  
Date: 9/27/99  
By: *[Signature]*

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

OPERATOR River Gas Corporation  
 ADDRESS 1305 South 100 East  
Price, UT 84501

OPERATOR ACCT. NO. N 1605

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	12578	43-007-30475	Ritzakis 8-298	NE/SW	8	14S	8E	Carbon	9/30/99	
WELL 1 COMMENTS: <i>991014 entity added. KDR</i>										<b>CONFIDENTIAL</b>	
A	99999	12579	43-007-30475	Ritzakis 5-304	SE/SW	5	14S	9E	Carbon	10/4/99	
WELL 2 COMMENTS: <i>991014 entity added (Dunkard's Wash w/ non P.A.) KDR</i>										<b>CONFIDENTIAL</b>	
B		11256									
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.

Frankie Hathaway

Signature

Administrative Assistant

10/6/99

Title

Date

Phone No. (435)637-8876

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

**CONFIDENTIAL**

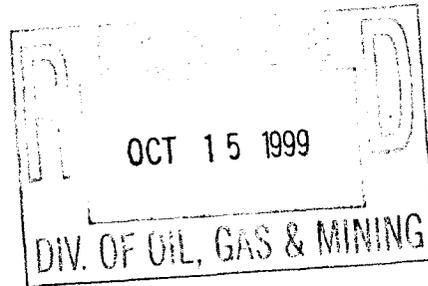
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>	5. Lease Designation and Serial Number:
Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.	6. If Indian, Allottee or Tribe Name: N/A
1. Type of Well: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER:	7. Unit Agreement Name: N/A
2. Name of Operator: <p style="text-align: center;">River Gas Corporation</p>	8. Well Name and Number: Ritzakis 5-304
3. Address and Telephone Number: <p style="text-align: center;">1305 South 100 East, Price, UT 84501 (435)637-8876</p>	9. API Well Number: 43-007-30473
4. Location of Well Footages: 688' FSL, 1888' FWL	10. Field or Pool, or Wildcat: Drunkards Wash
QQ, Sec., T., R., M.: SE/4, SW/4, SEC.5, T14S, R9E, 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 _____	<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>Weekly Report</u>
<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
Approximate date work will start _____	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.)

See Attached

**ORIGINAL**

13. Name & Signature: Frankie Hathaway *Frankie Hathaway* Title: Administrative Assistant Date: 10/8/1999

(This space for state use only)

DAILY WELL REPORT

River Gas Corporation  
Ritzakis 5-304  
SE/4 SW/4, Sec. 5, T14S, R9E  
688' FSL, 1888' FWL  
CARBON COUNTY, UTAH  
SURVEYED ELEVATION: 6285'  
API#43-007-30473  
DRILLING CONTRACTOR: Pense Bros. Rig#2

PAGE 1

**DRILLING:**

Day 1. 10/5/99. Current Depth: 360'. Drilled in 24 hrs: 360'. Present Operations: N/Up BOP. Total Rotating Hrs: 3.75. 2:00 pm-3:00 pm Moving on location. 3:00 pm-5:00 pm R/up and service equipment. 5:00 pm-6:00 pm Spud @ 5:00 pm on 10/4/99. Drill and set 35' conductor pipe. 6:00 pm-7:00 pm N/up and start drilling 11" hole. 7:00pm-9:30 pm Drill 360' 11" hole. 9:30 pm-10:00pm TOO. 10:00 pm-10:40 pm RIH w/ 351.4' 8-5/8 casing. 10:40 pm-10:50 pm R/Up Dowell. 10:50 pm-11:15 pm Cement surface pipe, close valve @ 11:15 on 10/4/99. 11:15 pm-11:30 pm R/down Dowell. 11:30 pm-4:00 am WOC. 4:00 am-7:00 am Break loose, N/up BOP and manifold. [REDACTED]

Day 2. 10/6/99. Current Depth: 2750'. Drilled in 24 hrs: 2390'. Present Operations: TIH. Total Rotating Hrs: 23.75. 7:00 am-8:00 am Test BOP. 8:00 am-9:00 am Change bits. 9:00 am-10:10 am RIH. 10:10 am- 3:00 pm Drill 360' -1010'. 3:00 pm-9:00 pm Drill 1010'-1880'. 9:00 pm-2:45 am Drill 1880'-2750'. 2:45 am- 6:00 am TOO. 6:00 am-7:00 am RIH w/ 7-7/8 tricone and drill collars. [REDACTED]

Day 3. 10/7/99. Current Depth: 3520'. Drilled in 24 hrs: 770'. Present Operations: TOO. Total Rotating Hrs: 43.75. 7:00 am - 10:15 am TIH. 10:15 am- 11:00 am Condition hole drilling @ 2805 @ 11:00 am. 11:00 am-1:00 pm Drill 2805'-2985. 1:00 pm-4:00 pm Drill 2985'-3195. 4:00 pm-7:00 pm Drill 3195'-3520', TD @ 3520 @ 6:55 pm on 10/6/99. 7:00 pm-9:45 pm P/up and mud hole. 9:45 pm-11:30 pm Circulate to bottom. 11:30 pm-1:30 am Circulate on bottom. 1:30 am-3:00 am Short trip. 3:00 am-4:00 am Circulate on bottom. 4:00 am-7:00 am TOO. [REDACTED]

Day 4. 10/8/99. Current Depth: 3520'. Total Rotating Hrs: 43.75. 7:00 am-8:00 am Finish TOO. 8:00 am- 8:15 am R/up loggers. 8:15 am-10:15 am Log well. 10:15 am- 10:30 am R/down loggers, release rig @ 10:30 am 10/7/99. 10:30 am-12:30 pm Rig down Pense and move off. 12:30 pm-1:30 pm Move workover on and R/up set pipe racks. 1:30 pm-2:30 pm Unload casing, remove thread protectors and tally. 2:30 pm-4:30 pm P/up 5-1/2" float shoe and 79 jts 5-1/2 N-80 casing, land casing @ 3463.59'. 4:30 pm-5:00 pm R/up Dowell. 5:00 pm-5:55 pm Cement 5-1/2 plug down @ 5:54 pm on 10/7/99. 5:55 pm-6:30 pm R.down Dowell and SDFN. [REDACTED]

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

**CONFIDENTIAL**

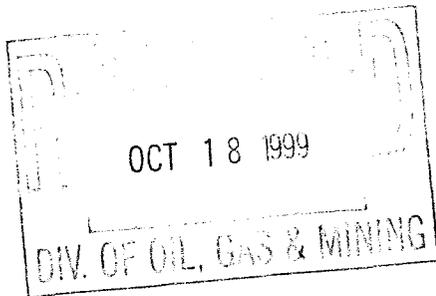
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>	5. Lease Designation and Serial Number:
Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.	6. If Indian, Allottee or Tribe Name: N/A
1. Type of Well: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER:	7. Unit Agreement Name: N/A
2. Name of Operator: <p style="text-align: center;">River Gas Corporation</p>	8. Well Name and Number: Ritzakis 5-304
3. Address and Telephone Number: <p style="text-align: center;">1305 South 100 East, Price, UT 84501 (435)637-8876</p>	9. API Well Number: 43-007-30473
4. Location of Well Footages: 688' FSL, 1888' FWL County: Carbon QQ, Sec., T., R., M.: SE/4, SW/4, SEC.5, T14S, R9E, SLB&M State: UTAH	10. Field or Pool, or Wildcat: Drunkards Wash

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"/> 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"/> 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>Spud Notice</u>  Date of work completion _____  <small>Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.</small>

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.)

Date Spud: 10/4/1999 @ 5:00 pm.  
Drilling Contractor: Pense Bros. Rig#2  
Dry drill



13. Name & Signature: Frankie Hathaway *Frankie Hathaway* Title: Administrative Assistant Date: 10/13/1999

(This space for state use only)

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

**CONFIDENTIAL**

**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 checked="" type="checkbox"/> OTHER:	5. Lease Designation and Serial Number: Patented
2. Name of Operator: River Gas Corporation	6. If Indian, Allottee or Tribe Name: N/A
3. Address and Telephone Number: 1305 South 100 East, Price, UT 84501 (435)637-8876	7. Unit Agreement Name: N/A
4. Location of Well Footages: 688' FSL, 1888' FWL	8. Well Name and Number: Ritzakis 5-304
QQ, Sec., T., R., M.: SE/4 SW/4, Section 05, T14S, R09E, SLB&M	9. API Well Number: 43-007-30473
	10. Field or Pool, or Wildcat: Undesignated
	County: CARBON
	State: UTAH

**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 _____               |   |

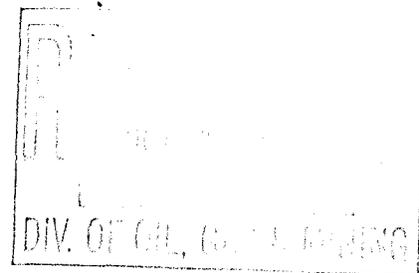
Approximate date work will start \_\_\_\_\_

**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 checked="" type="checkbox"/> Other <u>Weekly Report</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.)

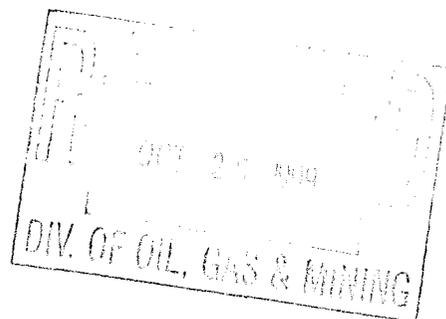


13. Name & Signature: Frankie Hathaway Title: Administrative Assistant Date: 10/22/99

(This space for state use only)

DAILY WELL REPORT

River Gas Corporation  
Ritzakis 5-304  
SE/4 SW/4, Sec. 5, T14S, R9E  
688' FSL, 1888' FWL  
CARBON COUNTY, UTAH  
SURVEYED ELEVATION: 6285'  
API#43-007-30473  
DRILLING CONTRACTOR: Pense Bros. Rig#2



PAGE 1

**DRILLING:**

Day 1. 10/5/99. Current Depth: 360'. Drilled in 24 hrs: 360'. Present Operations: N/Up BOP. Total Rotating Hrs: 3.75. 2:00 pm-3:00 pm Moving on location. 3:00 pm-5:00 pm R/up and service equipment. 5:00 pm-6:00 pm **Spud @ 5:00 pm on 10/4/99.** Drill and set 35' conductor pipe. 6:00 pm-7:00 pm N/up and start drilling 11" hole. 7:00pm-9:30 pm Drill 360' 11" hole. 9:30 pm-10:00pm TOO. 10:00 pm-10:40 pm RIH w/ 351.4' 8-5/8 casing. 10:40 pm-10:50 pm R/Up Dowell. 10:50 pm-11:15 pm Cement surface pipe, close valve @ 11:15 on 10/4/99. 11:15 pm-11:30 pm R/down Dowell. 11:30 pm-4:00 am WOC. 4:00 am-7:00 am Break loose, N/up BOP and manifold. [REDACTED]

Day 2. 10/6/99. Current Depth: 2750'. Drilled in 24 hrs: 2390'. Present Operations: TIH. Total Rotating Hrs: 23.75. 7:00 am-8:00 am Test BOP. 8:00 am-9:00 am Change bits. 9:00 am-10:10 am RIH. 10:10 am- 3:00 pm Drill 360' -1010'. 3:00 pm-9:00 pm Drill 1010'-1880'. 9:00 pm-2:45 am Drill 1880'-2750'. 2:45 am- 6:00 am TOO. 6:00 am-7:00 am RIH w/ 7-7/8 tricore and drill collars. [REDACTED]

Day 3. 10/7/99. Current Depth: 3520'. Drilled in 24 hrs: 770'. Present Operations: TOO. Total Rotating Hrs: 43.75. 7:00 am - 10:15 am TIH. 10:15 am- 11:00 am Condition hole drilling @ 2805 @ 11:00 am. 11:00 am-1:00 pm Drill 2805'-2985. 1:00 pm-4:00 pm Drill 2985'-3195. 4:00 pm-7:00 pm Drill 3195'-3520', **TD @ 3520 @ 6:55 pm on 10/6/99.** 7:00 pm-9:45 pm P/up and mud hole. 9:45 pm-11:30 pm Circulate to bottom. 11:30 pm-1:30 am Circulate on bottom. 1:30 am-3:00 am Short trip. 3:00 am-4:00 am Circulate on bottom. 4:00 am-7:00 am TOO. [REDACTED]

Day 4. 10/8/99. Current Depth: 3520'. Total Rotating Hrs: 43.75. 7:00 am-8:00 am Finish TOO. 8:00 am- 8:15 am R/up loggers. 8:15 am-10:15 am Log well. 10:15 am- 10:30 am R/down loggers, release rig @ 10:30 am 10/7/99. 10:30 am-12:30 pm Rig down Pense and move off. 12:30 pm-1:30 pm Move workover on and R/up set pipe racks. 1:30 pm-2:30 pm Unload casing, remove thread protectors and tally. 2:30 pm-4:30 pm P/up 5-1/2" float shoe and 79 jts 5-1/2 N-80 casing, land casing @ 3463.59'. 4:30 pm-5:00 pm R/up Dowell. 5:00 pm-5:55 pm Cement 5-1/2 plug down @ 5:54 pm on 10/7/99. 5:55 pm-6:30 pm R.down Dowell and SDFN. [REDACTED]

**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:  
Patented

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

7. Unit Agreement Name:  
Drunkards Wash UTU-67921X

8. Well Name and Number:  
Ritzakis 05-304

9. API Well Number:  
43-007-30473

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

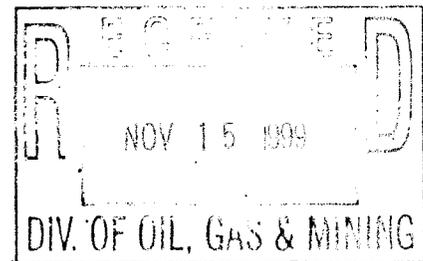
4. Location of Well  
Footages: 688' FSL, 1888' FWL  
County: CARBON  
QQ, Sec., T., R., M.: SE/4 SW/4, Section 05, T14S, R09E, SLB&M  
State: UTAH

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"/> 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>Weekly Report</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.)

See Attached:



13. Name & Signature: Frankie Hathaway *Frankie Hathaway* Title: Administrative Assistant Date: 11/11/99

(This space for state use only)

DAILY WELL REPORT

River Gas Corporation  
Ritzakis 5-304  
SE/4 SW/4, Sec. 5, T14S, R9E  
688' FSL, 1888' FWL  
CARBON COUNTY, UTAH  
SURVEYED ELEVATION: 6285'  
API#43-007-30473  
DRILLING CONTRACTOR: Pense Bros. Rig#2

PAGE 1

DRILLING:

Day 1. 10/5/99. Current Depth: 360'. Drilled in 24 hrs: 360'. Present Operations: N/Up BOP. Total Rotating Hrs: 3.75. 2:00 pm-3:00 pm Moving on location. 3:00 pm-5:00 pm R/up and service equipment. 5:00 pm-6:00 pm Spud @ 5:00 pm on 10/4/99. Drill and set 35' conductor pipe. 6:00 pm-7:00 pm N/up and start drilling 11" hole. 7:00pm-9:30 pm Drill 360' 11" hole. 9:30 pm-10:00pm TOO. 10:00 pm-10:40 pm RIH w/ 351.4' 8-5/8 casing. 10:40 pm-10:50 pm R/Up Dowell. 10:50 pm-11:15 pm Cement surface pipe, close valve @ 11:15 on 10/4/99. 11:15 pm-11:30 pm R/down Dowell. 11:30 pm-4:00 am WOC. 4:00 am-7:00 am Break loose, N/up BOP and manifold. [REDACTED]

Day 2. 10/6/99. Current Depth: 2750'. Drilled in 24 hrs: 2390'. Present Operations: TIH. Total Rotating Hrs: 23.75. 7:00 am-8:00 am Test BOP. 8:00 am-9:00 am Change bits. 9:00 am-10:10 am RIH. 10:10 am- 3:00 pm Drill 360' -1010'. 3:00 pm-9:00 pm Drill 1010'-1880'. 9:00 pm-2:45 am Drill 1880'-2750'. 2:45 am- 6:00 am TOO. 6:00 am-7:00 am RIH w/ 7-7/8 tricone and drill collars. [REDACTED]

Day 3. 10/7/99. Current Depth: 3520'. Drilled in 24 hrs: 770'. Present Operations: TOO. Total Rotating Hrs: 43.75. 7:00 am - 10:15 am TIH. 10:15 am- 11:00 am Condition hole drilling @ 2805 @ 11:00 am. 11:00 am-1:00 pm Drill 2805'-2985. 1:00 pm-4:00 pm Drill 2985'-3195. 4:00 pm-7:00 pm Drill 3195'-3520', TD @ 3520 @ 6:55 pm on 10/6/99. 7:00 pm-9:45 pm P/up and mud hole. 9:45 pm-11:30 pm Circulate to bottom. 11:30 pm-1:30 am Circulate on bottom. 1:30 am-3:00 am Short trip. 3:00 am-4:00 am Circulate on bottom. 4:00 am-7:00 am TOO. [REDACTED]

Day 4. 10/8/99. Current Depth: 3520'. Total Rotating Hrs: 43.75. 7:00 am-8:00 am Finish TOO. 8:00 am- 8:15 am R/up loggers. 8:15 am-10:15 am Log well. 10:15 am- 10:30 am R/down loggers, release rig @ 10:30 am 10/7/99. 10:30 am-12:30 pm Rig down Pense and move off. 12:30 pm-1:30 pm Move workover on and R/up set pipe racks. 1:30 pm-2:30 pm Unload casing, remove thread protectors and tally. 2:30 pm-4:30 pm P/up 5-1/2" float shoe and 79 jts 5-1/2 N-80 casing, land casing @ 3463.59'. 4:30 pm-5:00 pm R/up Dowell. 5:00 pm-5:55 pm Cement 5-1/2 plug down @ 5:54 pm on 10/7/99. 5:55 pm-6:30 pm R.down Dowell and SDFN. [REDACTED]

11/6/99. Rig up Halliburton, perforate and frac three zones:  
Zone 1: 3070'-3074', 3094'-3100', 3117'-3120'  
Zone 2: 2796'-2978', 2982'-2984', 3011'-3013', 3121'-3023', 3038'-3041', 3046'-3049'  
Zone 3: 2908'-2911', 2918'-2921', 2925'-2928', 2936'-2938', 2946'-2951', 2954'-2962'  
Heat frac water: 1970.00.  
[REDACTED]

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:  
Patented

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

7. Unit Agreement Name:  
Drunkards Wash UTU-67921X

8. Well Name and Number:  
Ritzakis 05-304

9. API Well Number:  
43-007-30473

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: 688' FSL, 1888' FWL  
QQ, Sec., T., R., M.: SE/4, SW/4, SEC.05, T14S, 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)

- 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

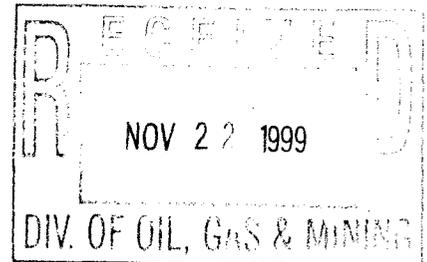
- Abandon \*
- Repair Casing
- Change of Plans
- Convert to Injection
- Fracture Treat or Acidize
- Other \_\_\_\_\_ Online Notice
- New Construction
- Pull or Alter Casing
- Reperforate
- Vent or Flare
- Water Shut-Off

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

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.)

The Ritzakis 05-304 was placed online and showed first production on 11/15/99.



13.

Name & Signature: Frankie Hathaway *Frankie Hathaway* Title: Administrative Asst. Date: 11/18/99

(This space for state use only)

DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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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: 688' FSL, 1888' FWL

QQ, Sec., T., R., M.: SE/4, SW/4, SEC.05, T14S, R09E, SLB&M

5. Lease Designation and Serial Number:

Patented

6. If Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

Drunkards Wash UTU-67921X

8. Well Name and Number:

Ritzakis 05-304

9. API Well Number:

43-007-30473

10. Field or Pool, or Wildcat:

Drunkards Wash

County: Carbon

State: UTAH

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- 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 Weekly Report, New Construction, Pull or Alter Casing, Reperforate, 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 REPORT AND LOG form.

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See Attached

13.

Name & Signature: Frankie Hathaway Title: Administrative Asst. Date: 12/21/99

(This space for state use only)

RECEIVED

DEC 27 1999

DIVISION OF OIL, GAS & MINING

## DAILY WELL REPORT

River Gas Corporation  
Ritzakis 5-304  
SE/4 SW/4, Sec. 5, T14S, R9E  
688' FSL, 1888' FWL  
CARBON COUNTY, UTAH  
SURVEYED ELEVATION: 6285'  
API#43-007-30473  
DRILLING CONTRACTOR: Pense Bros. Rig#2

PAGE 1

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Zone 2: 2796'-2978', 2982'-2984', 3011'-3013', 3121'-3023', 3038'-3041', 3046'-3049'

Zone 3: 2908'-2911', 2918'-2921', 2925'-2928', 2936'-2938', 2946'-2951', 2954'-2962'

[REDACTED]



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

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

**COPY**

IN REPLY REFER TO  
UT-931

February 29, 2000

River Gas Corporation  
1300 McFarland Blvd. NE  
3<sup>rd</sup> Floor  
Tuscaloosa, Alabama 35406

Re: 8<sup>th</sup> Revision Consolidated Ferron Formation  
Participating Area "A,C"  
Drunkards Wash Unit  
Carbon and Emery Counties, Utah

Gentlemen:

The 8<sup>th</sup> Revision of the Consolidated Ferron Formation Participating Area "A,C", Drunkards Wash Unit, UTU67921D, is hereby approved effective as of September 1, 1999, pursuant to Section 11 of the Drunkards Wash Unit Agreement, Carbon and Emery Counties, Utah.

The 8<sup>th</sup> Revision of the Consolidated Ferron Formation Participating Area "A,C" results in the addition of 1,286.07 acres to the participating area for a total of 43,784.53 acres and is based upon the completion of the following wells, as capable of producing unitized substances in paying quantities.

<u>Well No.</u>	<u>API No.</u>	<u>Location</u>	<u>Lease No.</u>
24-183	43-007-30469	NE, 24-14S-8E	UTU61154
5-304	43-007-30473	SW, 5-14S-9E	Fee
5-305	43-007-30474	SE, 5-14S-9E	Fee
8-298	43-007-30475	NW, 8-14S-9E	Fee
18-93	43-007-30587	SW, 18-14S-10E	State
9-329	43-007-30561	SE, 9-15S-9E	State
10-221	43-007-30303	SE, 10-15S-9E	State
1-312	43-015-30350	NE, 1-16S-9E	UTU77351

Copies of the approved request are being distributed to the appropriate agencies and one copy is returned herewith. Please advise all interested parties of the approval of the 8<sup>th</sup> Revision of the Consolidated Ferron Formation Participating Area "A,C", Drunkards Wash Unit, and the effective date.

**RECEIVED**

**MAR 02 2000**

**DIVISION OF  
OIL, GAS AND MINING**

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,

/s/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

Enclosure

bcc: Minerals Adjudication Group w/exhibit B  
~~Division of Oil, Gas & Mining~~  
Drunkards Wash Unit w/enclosure  
MMS - Data Management Division w/exhibit B (Attn: Rose Davalos)  
District Manager - Moab w/enclosure  
Agr. Sec. Chron.  
Fluid Chron.

UT931:TATHOMPSON:tt:2/29/00

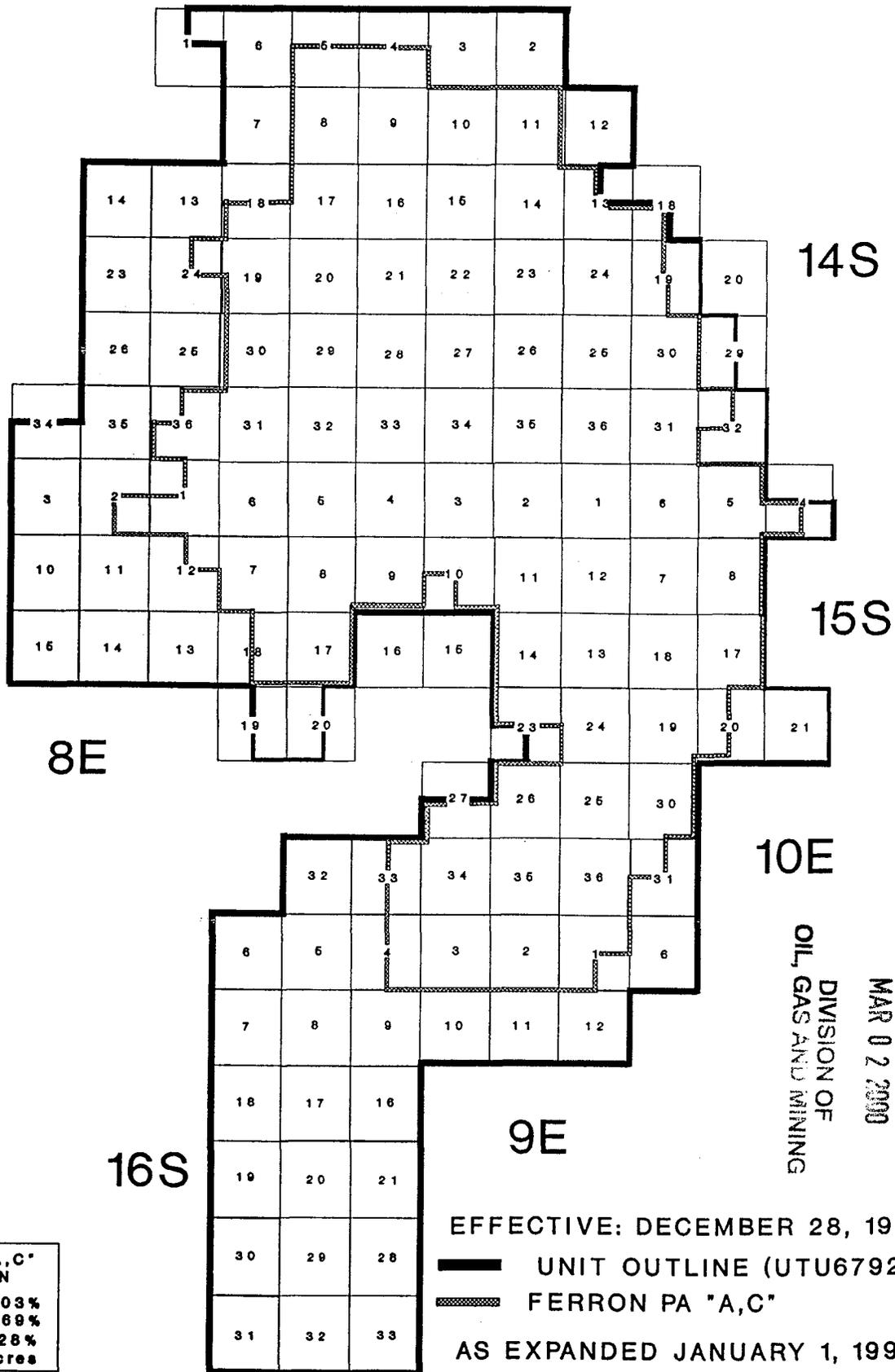
RECEIVED

MAR 02 2000

DIVISION OF  
OIL, GAS AND MINING

# DRUNKARDS WASH UNIT

## Carbon & Emery Counties, Utah



DIVISION OF OIL, GAS AND MINING

MAR 02 2000

RECEIVED

FERRON PA "A,C" ALLOCATION	
FEDERAL	18.03%
STATE	67.69%
FEE	14.28%
43,784.53 Acres	

EFFECTIVE: DECEMBER 28, 1990

UNIT OUTLINE (UTU67921X)  
 FERRON PA "A,C"

AS EXPANDED JANUARY 1, 1999

76,903.92 ACRES

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>	5. Lease Designation and Serial Number: <u>Patented</u>
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.	6. If Indian, Allottee or Tribe Name: <u>N/A</u>
1. Type of Well: OIL <input type="checkbox"/> GAS <input type="checkbox"/> OTHER <input checked="" type="checkbox"/>	7. Unit Agreement Name: <u>UTU67921X Drunkards Wash</u>
2. Name of Operator: <u>River Gas Corporation</u>	8. Well Name and Number: <u>Ritzakis 05-304</u>
3. Address and Telephone Number: <u>6825 South 5300 West, P.O. Box 851, Price, UT 84501 (435) 613-9777</u>	9. API Well Number: <u>43-007-30473</u>
4. Location of Well Footages: County: <u>688' FSL, 1888' FWL</u> QQ, Sec., T., R., M.: State: <u>SE/SW SEC. 05, T14S, R09E, SLB &amp; M</u>	10. Field or Pool, or Wildcat: <u>Drunkards Wash</u>  <u>Carbon County</u> <u>Utah</u>

**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"/> 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"/> 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>04/18/2000</u>
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 4250 gallons of low Ph fluid and 250 gallons of 7 1/2% HCL on 04/18/00.

**RECEIVED**  
JUL 03 2000  
DIVISION OF  
OIL, GAS AND MINING

13.

Name & Signature: Rochelle Crabtree *Rochelle Crabtree* Title: Administrative Assistant Date: 06/28/2000

(This space for state use only)

RECEIVED

DIVISION OF OIL, GAS & MINING

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

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

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

**CONFIDENTIAL**

2. NAME OF OPERATOR  
**RIVER GAS CORPORATION**

3. ADDRESS OF OPERATOR  
**1305 South 100 East, Price, UT 84501 (435) 637-5000**

4. LOCATION OF WELL (Report clearly and in accordance with any State requirements)  
At surface **688' FSL, 1888' FWL**  
At top prod. interval reported below

14. API NO. **43-007-30473** DATE ISSUED **9/10/98**

**CONFIDENTIAL**  
**EXPIRED**  
**ON 12-5-00**

5. LEASE DESIGNATION AND SERIAL NO. **Patented**

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

7. UNIT AGREEMENT NAME **Drunkards Wash UTU-67921X**

8. FARM OR LEASE NAME **Ritzakis**

9. WELL NO. **05-304**

10. FIELD AND POOL, OR WILDCAT **Drunkards Wash**

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA **SE/4 SW/4, Sec 05, T14S, R09E, SLB&M**

12. COUNTY **Carbon** 13. STATE **Utah**

15. DATE SPUNDED **10/4/99** 16. DATE T.D. REACHED **10/6/99** 17. DATE COMPL. (Ready to prod. or Plug & Abd.) **11/5/99** 18. ELEVATIONS (DF, REB, RT, GR, ETC.) **GR 6285'** 19. ELEV. CASINGHEAD **N/A**

20. TOTAL DEPTH, MD & TVD **3520'** 21. PLUG BACK T.D., MD & TVD **3463'** 22. IF MULTIPLE COMPL., HOW MANY **N/A** 23. INTERVALS DRILLED BY **to TD** ROTARY TOOLS **N/A** CABLE TOOLS **N/A**

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD OR TVD)  
**Ferron Coal - Top Coal 2908' & Bottom Coal 3070'**

26. TYPE ELECTRIC AND OTHER LOGS RUN **CBL** 27. WAS WELL CORED YES  NO  DRILL STEM TEST YES  NO  (Submit analysis) (See reverse side)

**Dual Induction, Laterolog, SFF, GR, Caliper, Comp Density, & Neutron**

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENT RECORD	AMOUNT PULLED
12 3/4"	Conductor	35'	15"		
8 5/8"	24#	360'	11"	125 sxs Class G, 2% S1+1/4# per sack D29	
5 1/2"	17#	3463'	7 7/8"	320 sxs 50/50 POZ8%D20, 10%D44, 1/4#/skD29	
				95 sks tail 10-1 RFC	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	3461'	N/A

31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
INTERVAL (MD)	SIZE	SPF	REMARKS	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
Upper: 2908'-2911', 2918'-2921', 2925'-2928', 2936'-2938', 2946'-2951', 2954'-2962'		4spf .88"		Upper 2908'-2962'	115,000#, 16/30; 35,220 gal fluid
Middle: 2976'-2978', 2982', 2984', 3011'-3013', 3021'-3023', 3038'-3041', 3046'-3049'		4spf .88"		Middle 2976'-3049'	85,000#, 16/30; 44,411 gal fluid
Lower: 3070'-3074', 3094'-3100', 3117'-3120'		4spf .88"		Lower 3070'-3120'	46,500#, 16/30; 28,242 gal fluid

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)	WELL STATUS (Producing or shut-in)					
11/15/99	Pumping - 2 1/2" x 2" x 16' RWAC	Producing					
DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N FOR TEST PERIOD	OIL---BBL.	GAS---MCF.	WATER---BBL.	GAS-OIL RATIO
11/15/99	24hrs.	-----		N/A	40	139	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL---BBL.	GAS---MCF.	WATER---BBL.	OIL GRAVITY - API (CORR.)	
37	37		N/A	40	139	N/A	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) **SOLD** TEST WITNESSED BY **Jerry H. Dietz**

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 **Jean Semborski** TITLE **Permit Specialist** DATE **December 22, 1999**

WELL NUMBER: Ritzakis 05-304

37 SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof, cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS		
				NAME	TOP MEAS. DEPTH	TRUE VERT. DEPTH
Ferron	2906'	3072'	Coals and sandstones Coal Interval: 2925'-3072'	Blue Gate	2732'	
				Bentonite		
				Tununk Shale	3220'	
				Ferron Top	2906'	

CONFIDENTIAL

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

**COPY**

**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:  
Patented

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

7. Unit Agreement Name:  
UTU67921X Drunkards Wash

8. Well Name and Number:  
Ritzakis 05-304

9. API Well Number:  
43-007-30473

10. Field or Pool, or Wildcat:  
Drunkards Wash

1. Type of Well: OIL  GAS  OTHER  **CONFIDENTIAL**

2. Name of Operator:  
River Gas Corporation

3. Address and Telephone Number:  
6825 South 5300 West, P.O. Box 851, Price, UT 84501 (435) 613-9777

4. Location of Well  
Footages: County: 688' FSL, 1888' FWL Carbon County  
QQ, Sec., T., R., M.: State: SE/SW SEC. 05, T14S, R09E, SLB & M 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 \_\_\_\_\_
- Approximate date work will start \_\_\_\_\_
- New Construction
- Pull or Alter Csg
- 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 Chemical/Flush Treatment
- Date of work completion 04/18/2000
- New Construction
- Pull or Alter Csg
- 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 the above referenced well was chemically treated with 4250 gallons of low Ph fluid and 250 gallons of 7 1/2% HCL on 04/18/00.

**RECEIVED**

**JUL 11 2000**

**DIVISION OF  
OIL, GAS AND MINING**

13. Name & Signature: Rochelle Crabtree *Rochelle Crabtree* Title: Administrative Assistant Date: 06/28/2000

(This space for state use only)

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

*WTL*

**FOR RECORD ONLY**

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 <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER:	5 Lease Designation and Serial Number:
2 Name of Operator: River Gas Corporation	6 If Indian, Allottee or Tribe Name:
3 Address and Telephone Number: 6825 S. 5300 W. P.O. Box 851 Price, Utah 84501 (435) 613-9777	7 Unit Agreement Name:
4 Location of Well Footages: QQ, Sec. T, R, M: SLB & M	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)	SUBSEQUENT REPORT (Submit Original Form Only)																														
<table style="width:100%;"> <tr> <td><input type="checkbox"/> Abandon</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Repair Casing</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Recomplete</td> </tr> <tr> <td><input type="checkbox"/> Convert to Injection</td> <td><input type="checkbox"/> Reperforate</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat or Acidize</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Multiple Completion</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td colspan="2"><input checked="" type="checkbox"/> Other <u>Change of Operator</u></td> </tr> <tr> <td colspan="2">Approximate date work will start _____</td> </tr> </table>	<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 checked="" type="checkbox"/> Other <u>Change of Operator</u>		Approximate date work will start _____		<table style="width:100%;"> <tr> <td><input type="checkbox"/> Abandon *</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Repair Casing</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Reperforate</td> </tr> <tr> <td><input type="checkbox"/> Convert to Injection</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat or Acidize</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td colspan="2"><input type="checkbox"/> Other _____</td> </tr> <tr> <td colspan="2">Date of work completion _____</td> </tr> </table> <p style="font-size: small; text-align: center;">Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form</p> <p style="font-size: x-small; text-align: center;">* Must be accompanied by a cement verification report</p>	<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 _____		Date of work completion _____	
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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

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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:

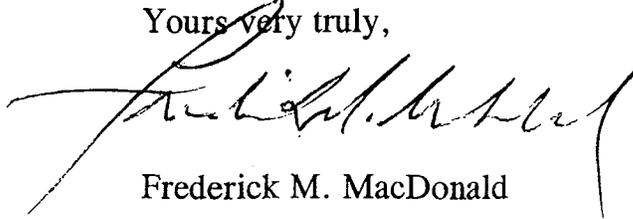
Phillips Petroleum Company  
Attn: Billy Stacy, Operations Manager  
P.O. Box 3368  
Englewood, CO 80155-3368  
Telephone No.: (720) 344-4984

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*

Ric Campbell  
Acting Division Director of  
Corporations and Commercial Code

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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

62111111111111111111  
0017119

State of Delaware  
Office of the Secretary of State

PAGE 1

(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

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



RIC CAMPBELL  
ACTING DIRECTOR

TAP

FILED

DEC 12 2000

Utah Div. Of Corp. & Comm. Code



*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."

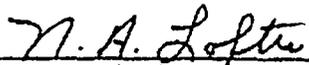
"Any Vice President, the Treasurer, any Assistant Treasurer, the Secretary, any Assistant Secretary, and each of them severally, be and hereby is authorized to make, execute,

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 the 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 MINERALS

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)



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")** 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: 03/06/2001
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 03/06/2001
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

**STATE BOND VERIFICATION:**

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

**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: P-207328
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: 05/08/2001

**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:**

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



8780 W. Parkway Ct., Ste. 200  
Englewood, CO 80110

Divisions of Oil, Gas, and Mining

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

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,

**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: <b>See Attached List</b>
2. NAME OF OPERATOR: <b>Phillips Petroleum Company</b>		9. API NUMBER: <b>See List</b>
3. ADDRESS OF OPERATOR: <b>980 Plaza Office</b> CITY <b>Bartlesville</b> STATE <b>OK</b> ZIP <b>74004</b>		10. FIELD AND POOL, OR WILDCAT:
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>See Attached List</b>		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

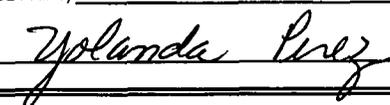
New Operator  
ConocoPhillips Company

  
Yolanda Perez

**RECEIVED**

**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.

*J. M. Garcia*  
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.



*Susan F. Short*  
Notary Public

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JAN 08 2003

# Delaware

PAGE 1

*The First State*

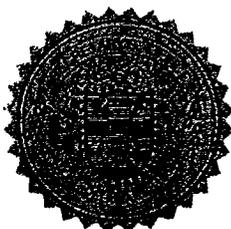
I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "PHILLIPS PETROLEUM COMPANY", CHANGING ITS NAME FROM "PHILLIPS PETROLEUM COMPANY" TO "CONOCOPHILLIPS COMPANY", FILED IN THIS OFFICE ON THE 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

**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.

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

WJ  
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,

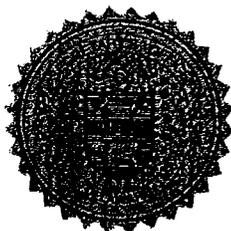
WITH AND INTO "CONOCOPHILLIPS COMPANY" UNDER THE NAME OF "CONOCOPHILLIPS COMPANY", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE TWELFTH DAY OF DECEMBER, A.D. 2002, AT 1:44 O'CLOCK P.M.

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;

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DIV. OF OIL, GAS & MINING

**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)

7

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

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JAN 08 2003  
DIV. OF OIL, GAS & MINING

STATE OF UTAH  
DEPARTMENT OF COMMERCE  
REGISTRATION

CONOCOPHILLIPS COMPANY

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

Corporation - Foreign - Profit  
562960-0143

EFFECTIVE  
06/14/1946

EXPIRATION  
\*RENEWAL

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

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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**

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:		<b>12-31-02</b>
<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**

<b>WELL(S)</b>						
NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
USA 03-407	03-14S-09E	43-007-30627	11256	FEDERAL	GW	P
USA 03-414	03-14S-09E	43-007-30628	11256	FEDERAL	GW	P
USA 03-301	03-14S-09E	43-007-30779	11256	FEDERAL	GW	P
USA 04-409	04-14S-09E	43-007-30617	11256	FEDERAL	GW	P
USA 04-302	04-14S-09E	43-007-30489	11256	FEDERAL	GW	P
USA 04-303	04-14S-09E	43-007-30490	11256	FEDERAL	GW	P
USA 04-469	04-14S-09E	43-007-30504	11256	FEDERAL	GW	P
RITZAKIS 5-304	05-14S-09E	43-007-30473	11256	FEE	GW	P
RITZAKIS 5-305	05-14S-09E	43-007-30474	11256	FEE	GW	P
USA 05-410	05-14S-09E	43-007-30632	11256	FEDERAL	GW	P
USA 05-411	05-14S-09E	43-007-30633	11256	FEDERAL	GW	P
USA 06-306	06-14S-09E	43-007-30492	11256	FEDERAL	GW	P
USA 07-436	07-14S-09E	43-007-30630	11256	FEDERAL	GW	P
USA 07-471	07-14S-09E	43-007-30756	11256	FEDERAL	GW	P
USA 07-472	07-14S-09E	43-007-30759	11256	FEDERAL	GW	P
USA 07-473	07-14S-09E	43-007-30760	11256	FEDERAL	GW	P
RITZAKIS 8-298	08-14S-09E	43-007-30475	11256	FEE	GW	P
RITZAKIS 8-300	08-14S-09E	43-007-30476	11256	FEE	GW	P
RITZAKIS 8-299	08-14S-09E	43-007-30479	11256	FEE	GW	P
USA 08-297	08-14S-09E	43-007-30491	11256	FEDERAL	GW	P

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 01/08/2003
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 01/08/2003
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 02/03/2003
4. Is the new operator registered in the State of Utah: YES Business Number: 562960-0143
5. If **NO**, the operator was contacted 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: 02/06/2003
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 02/06/2003
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:**

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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 [x] OTHER:
2. Name of Operator: ConocoPhillips Company
3. Address and Telephone Number: 6825 South 5300 West, P.O. Box 851, Price, UT 84501 (435) 613-9777
4. Location of Well Footages: 688' FSL, 1888' FWL
QQ, Sec., T., R., M.: SE/SW, SEC.05, T14S, R09E, SLB & M

5. Lease Designation and Serial Number: Patented
6. If Indian, Allottee or Tribe Name: N/A
7. Unit Agreement Name: Drunkards Wash UTU 67921X
8. Well Name and Number: Ritzakis 05-304
9. API Well Number: 43-007-30473
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 Csg, 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, Date of work completion 02/26/03, New Construction, Pull or Alter Csg, 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 the above referenced well was chemically treated with 4000 gallons of low Ph fluid & 300 gallons of 4% HCL on 02/26/03.

RECEIVED

MAR 12 2003

DIV. OF OIL, GAS & MINING

13.

Name & Signature: Lynnette Allred [Signature] Title: Administrative Assistant Date: 03/06/03

(This space for state use only)

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number:

Patented

**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.

6. If Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

UTU67921X Drunkards Wash

1. Type of Well: OIL  GAS  OTHER:

8. Well Name and Number:

Ritzakis 05-304

2. Name of Operator:

ConocoPhillips Company

9. API Well Number:

43-007-30473

3. Address and Telephone Number:

6825 South 5300 West, P.O. Box 851, Price, UT 84501 (435) 613-9777

10. Field or Pool, or Wildcat:

Drunkards Wash

4. Location of Well Footages:

688 FSL, 1888' FWL

County: Carbon County

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

SE/SW, SEC. 05, T14S, R09E, SLB & M

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 \_\_\_\_\_
- Approximate date work will start \_\_\_\_\_
- New Construction
- Pull or Alter Csg
- 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 Chemical Treatment
- Date of work completion 07/18/2005
- New Construction
- Pull or Alter Csg
- 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 the above referenced well was chemically treated with 725 gallons of low Ph fluid & 250 gallons of 15% HCL on 07/18/2005.

13.

Name & Signature: Lynnette Allred

Title: Sr. Operations Assistant

Date: 08/05/2005

(This space for state use only)

RECEIVED

AUG 11 2005