

RGCC

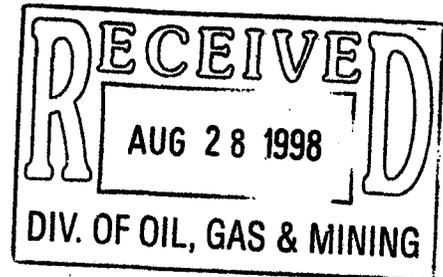
COPY

RIVER GAS CORPORATION

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

CONFIDENTIAL

August 27, 1998



Mr. Eric Jones
Petroleum Engineer
Bureau of Land Management
82 E. Dogwood
Moab, Utah 84532

RE: Application for Permit to Drill-
USA 4-280, SE/4,NW/4, Sect.4
T16S, R9E, SLB &M, Emery County, Utah

Dear Eric:

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" - Drilling Site Layout;
- Exhibit "D" - On-site Inspection Checklist;
- Exhibit "E" - Production Site Layout;
- Exhibit "F" - Typical Road Cross-section;
- Exhibit "G" - BOP Diagram;
- Exhibit "H" - Typical Wellhead Manifold;

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Gas

2. Name of Operator

River Gas Corporation

3. Address and Telephone No.

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

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

2087' FNL, 1627' FWL
SE/4, NW/4, Sect. 4, T16S, R9E, SLB&M

5. Lease Designation and Serial No.

UTU-72624

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

USA 4-280

9. API Well No.

10. Field and Pool, or Exploratory Area

Undesignated

11. County or Parish, State

Emery County, Utah

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

| TYPE OF SUBMISSION | TYPE OF ACTION | |
|---|--|--|
| <input type="checkbox"/> Notice of Intent | <input type="checkbox"/> Abandonment | <input type="checkbox"/> Change of Plans |
| <input type="checkbox"/> Subsequent Report | <input type="checkbox"/> Recompletion | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Plugging Back | <input type="checkbox"/> Non-Routine Fracturing |
| | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Water Shut-Off |
| | <input type="checkbox"/> Altering Casing | <input type="checkbox"/> Conversion to Injection |

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Request for exception to the state spacing rule based on topography.

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

Signed Don S. Hamilton Title Permit Specialist Date 8/27/98

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

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

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. Don Stephens, BLM, Price, Utah
Mr. Chuck Snure, Texaco
Mr. R.A. Lamarre, Texaco
Mr. Gee Lake, Jr., Dominion Resources
Mr. John Baza, DOGM
Mrs. Tammie Butts, River Gas Corporation
RGC Well File

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO.
UTU-72624 mL-48219

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

7. UNIT AGREEMENT NAME
N/A

8. FARM OR LEASE NAME, WELL NO.
USA-4-280

9. API WELL NO.
Utah

10. FIELD AND POOL, OR WILDCAT
Undesignated

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SE/4, NW/4, Sec. 4, T16S, R9E, SLB&M

12. COUNTY OR PARISH
Emery

13. STATE
UTAH

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK
DRILL **DEEPEN**

b. TYPE OF WELL
OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
RIVER GAS CORPORATION

3. ADDRESS AND TELEPHONE NO.
1305 So. 100 E. Price, Utah 84501 (801) 637-8876

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface **2087' FNL, 1627' FWL**
At proposed prod. zone **636' 496'**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
11.3 miles southwest of Price

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any). **1627'**

16. NO. OF ACRES IN LEASE **2558.72 acres**

17. NO. OF ACRES ASSIGNED TO THIS WELL **160 acres**

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. **2310'**

19. PROPOSED DEPTH **3355'**

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
6123' GR

22. APPROX. DATE WORK WILL START*
February 1999

CONFIDENTIAL

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" | 8-5/8" | 24 #/ft | 336' | 137 sks. G+2% S-1+1/4# per sack D-29 floccel |
| 7-7/8" | 5-1/2" | 17 #/ft | 3355' | 306 sks 50/50 poz +8% gel+2%CaCl+10%extender. 75 sks "G" thixotropic |

RECEIVED
AUG 28 1998
DIV. OF OIL, GAS & MINING

*506 741.43
4368 067.34*

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

24. SIGNED Don S. Hamilton TITLE **Permit Specialist** DATE **8/27/98**

(This space for Federal or State office use)
PERMIT NO. 43-015-30341 APPROVAL DATE _____

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
CONDITIONS OF APPROVAL, IF ANY:
APPROVED BY Bradley G. Hill TITLE **BRADLEY G. HILL RECLAMATION SPECIALIST III** DATE **11/22/99**

***See Instructions On Reverse Side**

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

Range 9 East

N89°39'39"W - 2887.58' (Measured)
N89°40'W - 2888.18' (Recorded)

WEST - 2899.19' (Measured)
WEST - 2898.08' (Recorded)

Township 16 South

N00°28'1"W - 2626.78' (Measured)
N00°32'W - 2624.16' (Recorded)

N00°28'32"W - 2626.75' (Measured)
N00°32'W - 2623.50' (Recorded)

N00°48'18"E - 2648.97' (Measured)
N00°48'E - 2647.92' (Recorded)

N00°02'54"W - 2648.18' (Measured)
N00°03"W - 2645.94' (Recorded)

No Monument Set

Drill hole 4-280
Elevation 6122.5'

1626.80

West Quarter

538.99

4

N88°36'58"W - 2670.19' (Measured)
N89°38'W - 2668.38' (Recorded)

S89°53'03"W - 2632.47' (Measured)
S89°52'W - 2631.42' (Recorded)

Basis of Bearing:

Basis of Bearing West Recorded between the SE Corner and the South quarter Corner of Section 33, Township 15 South, Range 9 East, Salt Lake Base & Meridian.

Basis Of Elevation:

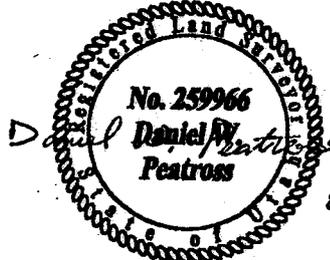
Basis of Elevation of 6050' as indicated in the NE Corner of Section 34, Township 15 South, Range 9 East, Salt Lake Base and Meridian, as shown on the Poison Spring Bench Quadrangle 7.5 Minute Series Map.

Description of Location:

Proposed Drill Hole located in the SE 1/4 NW 1/4 of Section 4; 538.99' North and 1626.80' East from the West quarter corner of Section 4, T16S, 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.



8-25-98

LEGEND:

- Drill Hole Location
- ⊕ Found Section Corner Monumented w/ Brass Cap unless indicated otherwise.
- Section Corner searched for but not found



SCALE:
250' 0' 500' 1000'

| | |
|--|---|
| DRAWN BY D. ROBERTSON CHECKED BY L.W.J. DATE 8/24/98 SCALE 1"=1000' JOB NO. 422 DRAWING NO. A-1 SHEET 1 OF 4 | <p>2800 South 125 West Panguitch, Utah 84651 (801) 637-2300 FAX (801) 637-2333</p> <p>River Gas Corporation Well# 4-280 Section 4, T16S, R9E, S.L.B.&M. Emery County, Utah</p> |
|--|---|

UT-060-3160-1
December, 1992

Bureau of Land Management
Moab District
Application for Permit to Drill
On-Site Inspection Checklist

Company River Gas Corporation Well No. 4-280

Location: Sec. 4, T 16 S, R 9 E, Lease No. UTU-72624

On-Site Inspection Date: 7-10-98

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

A. DRILLING PROGRAM

1. Surface Formation and Estimated Formation Tops:
Surface formation: Upper Mancos Shale
Estimated top of Ferron Formation: 2,460'
2. Estimated Depth at Which Oil, Gas, Water or Other Mineral Bearing Zones are Expected to be Encountered

| <u>Depth</u> | <u>Formation</u> |
|--------------|------------------|
|--------------|------------------|

| | |
|---|--|
| Expected Oil Zones: none | |
| Expected Gas Zones: Ferron Coal Interval: 2,480'-2,610' | |
| Expected Water Zones: 2,480'-2,610' | |
| Expected Mineral Zones: none | |

All fresh water and prospectively valuable minerals encountered during drilling will be recorded by depth and will be cased and cemented. When possible, water flow rates will be measured and samples will be taken and analyzed. All oil and gas shows will be tested to determine commercial potential.

3. Pressure Control Equipment- include schematics of the BOP and choke manifold, and describe testing procedures: Quick Test is contracted to test the manifold, blind rams, and B.O.P to 2000 psi. Surface casing is tested to 1 psi/ft. See attachment.

BOP systems will be consistent with API RP 53 and Onshore Oil and Gas Order No. 2, with variances previously granted. Pressure tests of the surface casing and all BOP equipment potentially subject to pressure will be conducted before drilling the surface casing shoe. Blowout preventer controls will be installed prior to drilling the surface casing shoe and will remain in use until the well is completed or abandoned. Ram preventers shall be inspected and operated each trip (no more than once a day is necessary), and annular preventers shall be inspected and operated weekly to ensure good mechanical working order. These inspections shall be recorded in the drilling log and in the daily drilling report.

4. Casing Program and Auxiliary Equipment - include casing size, weight, grade, thread and coupling, setting depth and condition (new or acceptably reconditioned): Approximately 3355' of 5 1/2", 17#/ft, N-80, LT&C production casing will be installed approximately 10% of the above setting depth will be 8 5/8", 24#/ft J-55 surface casing.
5. Cement-include the cement type, density, yield, additives and amount used in setting each casing string. Also include the anticipated cement fill-up. If stage cementing, describe techniques: See cement design.
6. Mud Program and Circulating Medium- include mud components and weights. When air drilling, also include: length and location of blooie line; description of the auto ignitor; description of the deduster equipment; and amounts, types and characteristics of stand-by mud: Hole will be drilled with air.
7. Coring, Logging and Testing Program: Bulk Density, Gamma, Neutron Density, Resistivity and Caliper logs will be ran.
Initial opening of drill stem test tools will be restricted to daylight hours.
8. Abnormal Conditions, Bottom Hole Pressures and Potential Hazards- include anticipated bottomhole pressure and/or pressure gradient: No abnormal conditions are anticipated. Formation is slightly over-pressured. Estimated BHP: 1420 psi.
9. Any Other Aspects of this Proposal that should be Addressed:

B. THIRTEEN POINT SURFACE USE PLAN

The dirt contractor will be provided with an approved copy of the surface use plan of operations before initiating construction.

1. Existing Roads:
 - a. Proposed route to location (submit a map depicting access and well location).
 - b. Location of proposed well in relation to town or other reference point: 11.3 miles southwest of Price, Ut.
 - c. Contact the County Road Department for use of county roads. The use of San Juan County roads will require an encroachment permit from the San Juan Road Department.
 - d. Plans for improvement and/or maintenance of existing roads:
 - e. Other:
2. Planned Access Roads:
 - a. Location (centerline): Off of prop. USA 4-279 access approx: 1480' FNL, 2100' FEL, Sec. 4
 - b. Length of new access to be constructed: 2300'
 - c. Length of existing roads to be upgraded: none
 - d. Maximum total disturbed width: 60'
 - e. Maximum travel surface width: 25'

- f. Maximum grades: 10%
- g. Turnouts: N/A
- h. Surface materials: In-place residual of Mancos Shale
- i. Drainage (crowning, ditching, culverts, etc): Roads will be crowned with bar ditches on both sides & 12 culverts placed along new road.
- j. Cattleguards: N/A
- k. Length of new and/or existing roads which lie outside the lease boundary for which a BLM right-of-way is required: N/A
- l. Other:

Surface disturbance and vehicular travel will be limited to the approved location access road. Any additional area needed must be approved by the Area Manager advance.

If a right-a-way is necessary, no surface disturbing activities shall take place on the subject right-of-way until the associated APD is approved. The holder will adhere to conditions of approval in the Surface Use Program of the approved APD, relevant to any right-of-way facilities.

If a right-of-way is secured, boundary adjustments in the lease or unit shall automatically amend this right-of-way to include that portion of the facility no longer contained within the lease or unit. In the event of an automatic amendment to this right-of-way grant, the prior-lease/unit conditions of approval of this facility will not be affected even though they would now apply to facilities outside of the lease/unit as a result of a boundary adjustment. Rental fees, if appropriate shall be recalculated based on the conditions of this grant and the regulations in effect at the time of an automatic amendment.

If the well is productive, the access road will be rehabilitated or brought to Resource (Class III) Road Standards within 60 days of dismantling the rig. If upgraded, the access road must be maintained at these standards until the well is properly abandoned. If this time frame cannot be met, the Area Manager will be notified so that temporary drainage control can be installed along the access road.

- 3. Location of Existing Wells-on a map, show the location of all water, injection, disposal, producing and drilling wells within a one mile radius of the proposed well, and describe the status of each: See Attachment "B"
- 4. Location of Production Facilities:
 - a. On-site facilities: See Attachment "E"
 - b. Off-site facilities: none
 - c. Pipelines: N/A

All permanent (in place for six months or longer) structures constructed or installed (including oil well pump jacks) will be painted a flat, nonreflective color to match the standard environmental colors, as determined by the Rocky Mountain Five-State Interagency

Committee. All facilities will be painted within six months of installation. Facilities required by comply with the Occupational Safety and Health Act (OSHA) may be excluded. Colors will be as follows:tan

All site security guidelines identified in 43 CFR § 3163.7-5 and Onshore Oil and Gas Order No. 3 Colors will be as follows: tan

If a gas meter run is constructed, it will be located on lease within 500 feet of the wellhead. The gas flowline will be buried from the wellhead to the meter and will be buried downstream of the meter until it leaves the pad. Meter runs will be housed and/or fenced. The gas meter shall be calibrated prior to first sales and shall be calibrated quarterly thereafter. All gas production and measurement shall comply with the provisions of 43 CFR § 3162. 7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3.

If a tank battery is constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain 1 ½ times the storage capacity of the largest tank. All loading lines and valves will be placed inside the berm surrounding the tank battery. All oil production and measurement shall conform to the provisions of 43 CFR § 3162.7-3 and Onshore Oil and Gas Order No. 4

Production facilities on location may include a lined or unlined produced water pit as specified in NTL-2B. If water is produced from the well, an NTL-2B application must be submitted.

5. Location and Type of Water Supply:

All water needed for drilling purposes will be obtained from (describe location and/or show on a map): PRWID

6. Source of Construction Material:

Pad construction material will be obtained from (if the source is Federally owned, show location on a map): Private owner in East Price
The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

7. Methods of Handling Waste Disposal:

Describe the methods and locations proposed for safe containment and disposal of waste material, e.g. cuttings, produced water, garbage, sewage, chemicals, etc.

The reserve pit will be lined with (native material, bentonite, synthetic material): Pit will be lined with native material unless designated otherwise by BLM officers prior to construction.

The reserve pit will be located: on the south end of the location, and the pit walls will be sloped at no greater than 2 to 1.

The reserve pit shall be located in cut material, with at least 50% of the pit volume being below original ground level. Three sides of the reserve pit will be fenced before drilling starts. The fourth side will be fenced as soon as drilling is completed, and shall remain until the pit is dry. As soon as the reserve pit has dried, all areas not needed for production will be rehabilitated.

Trash must be contained in a trash cage and hauled away to an approved disposal site as necessary but no later than at the completion of drilling operations.

8. Ancillary Facilities: Garbage Containers and Portable Toilets
9. Well Site Layout - depict the pit, rig, cut and fill, topsoil, etc. on a plat with a scale of at least 1" = 50'.

All well, whether drilling, producing, suspended, or abandoned, will be identified in accordance with 43 CFR 3162.6.

Access to the well pad will be from: east

The blooie line will be located: on the south, at least 100 feet from the well head.

To minimize the amount of fugitive dust and spray escaping from the blooie pit, the following blooie line deflection method will be employed: Water Injection.

10. Plans for Restoration of the Surface:

The top 6 inches of topsoil material will be removed from the location and stockpiled separately on: Adjacent land.

Topsoil along the access road will be reserved in place adjacent to the road.

Immediately upon completion of drilling, all equipment that is not necessary for production shall removed.

The reserve pit and that portion of the location not needed for production will be reclaimed.

Before any dirt work to restore the location takes place, the reserve pit must be completely dry.

Reclaimed roads will have the berms and cuts reduced and will be closed to vehicle use.

All disturbed areas will be recontoured to replicate the natural slope.

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

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

Seed will be broadcast or drilled between Sept. and Nov., or at a time specified by the BLM. If broadcast, a harrow or some other implement will be dragged over the seeded area to assure seed coverage.

The following seed mixture will be used:

BLM-recommended mixture.

The abandonment marker will be one of the following, as specified by BLM:

- 1) at least four feet above ground level,
- 2) at restored ground level, or

3) below ground level.

In any case the marker shall be inscribed with the following: operator name, lease number, well name and surveyed description (township, range, section and either quarter-quarter or footages).

Additional requirements:

11. Surface and Mineral Ownership: BLM
12. Other Information:
 - a. Archeological Concerns: None that RGC is aware of.

The operator is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator is to immediately stop work that might further disturb such materials, and contact the authorized officer (AO). Within five (5) working days, the AO will inform the operator as to:

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

If the operator wishes, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that the required mitigation has been completed, the operator will then be allowed to resume construction.

- b. Threatened and Endangered Species Concerns: No
- c. Wildlife Seasonal Restrictions (yes/no): See EIS
- d. Off Location Geophysical Testing: N/A
- e. Drainage crossings that require additional State or Federal approval: N/A
- f. Other: N/A

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

Representative:

Name: Don S. Hamilton

Title: Permitting Specialist

Address: 1305 South 100 East
Price, Utah 84501

Phone No: (435)637-8876

Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exists; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by RGC and its contractors and subcontractors in conformity with this APD package and the terms and conditions under which it is approved. I also certify responsibility for the operations conducted on that portion of the leased lands associated with this application, with bond coverage being provided under BLM bond no. S304604. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Don S. Hamilton
Signature

Permit Specialist _____
Title

August 26, 1998 _____
Date

C. REQUIRED APPROVALS, REPORTS AND NOTIFICATIONS

Required verbal notifications are summarized in Table 1, attached.

Building Location- Contact the Resource Area, Natural Resource Protection Specialist at least 24 hours prior to commencing construction of location.

Spud- The spud date will be reported to the Resource Area Office 24 hours prior to spudding. Written notification in the form of a Sundry Notice (Form 3160-5) will be submitted the District Office within 24 hours after spudding, regardless of whether spud was made with a dry hole digger or big rig.

Daily Drilling Reports- Daily drilling reports shall detail the progress and status of the well and shall be submitted to the District Office on a weekly basis.

Monthly Reports of Operations- In accordance with Onshore Oil and Gas Order No. 1, this well shall be reported on Minerals Management Service (MMS) Form 3160, "Monthly Report of Operations," starting the month in which operations commence and continuing each month until the well is physically plugged and abandoned. This report will be filed directly with MMS.

Sundry Notices- There will be no deviation from the proposed drilling and/or workover program without prior approval from the Assistant District Manager. "Sundry Notices and Reports on Wells: (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2. Safe drilling and operating practices must be observed.

Drilling Suspensions- Operations authorized by this permit shall not be suspended for more than 30 days without prior approval of the Authorized Officer. All conditions of this approval shall be applicable during any operations conducted with a replacement rig.

Undesirable Events- Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be immediately reported to the Resource Area in accordance with requirements of NTL-3A.

Cultural Resources- If cultural resources are discovered during construction, work that might disturb the resources is to stop, and the Area Manager is to be notified.

First Production- Should the well be successfully completed for production, the Assistant District Manager, Minerals Division will be notified when the well is placed in producing status. Such notification may be made by phone, but must be followed by a sundry notice or letter not later than five (5) business days following the date on which the well is placed into production.

A first production conference will be scheduled as soon as the productivity of the well is apparent. This conference should be coordinated through the Resource Area Office. The Resource Area Office shall be notified prior to the first sale.

Well Completion Report- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted to the District Office not later than thirty (30) days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs, core descriptions, core analysis, well test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings and/or samples) will be submitted when requested by the Assistant District Manager.

Venting/Flaring of Gas-NTL-4A allows venting/flaring of gas during the initial well evaluation period not to exceed 30 days or 50 MMcf. Venting/flaring beyond the initial test period threshold must be approved by the District Office.

Produced Water- Produced waste water may be confined to an unlined pit for a period not to exceed 90 days after initial production. During the 90 day period, an application for approval of a permanent disposal method and location, along with the required water analysis, will be submitted to the Assistant District Manager for approval pursuant to NTL-2B.

Off-Lease Measurement, Storage, Commingling- Prior approval must be obtained from the Assistant District Manager for off-lease measurement, off-lease storage and/or commingling (either down-hole or at the surface).

Plugging and Abandonment- If the well is completed as a dry hole, plugging instructions must be obtained from the BLM, Moab District Office prior to initiating plugging operations. Table 1 of this document provides the after-hours phone numbers of personnel who are authorized to give plugging instructions.

A "Subsequent Report of Abandonment" (Form 3160-5) will be filed with the Assistant District Manager, Minerals Divisions within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Upon completion of approved plugging, a regulation marker will be erected in accordance with 43 CFR 3162.6. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the Area Manager or his representative, or the appropriate surface managing agency.

TABLE 1
NOTIFICATIONS

Notify Don Stephens of the Price Resource Area, at (435)636-3608 for the following:

2 days prior to commencement of dirt work, construction or reclamation;

1 day prior to spudding;

50 feet prior to reaching surface and intermediate casing depths;

3 hours prior to testing BOPE;

12 hours prior to reaching kickoff point depth (if applicable).

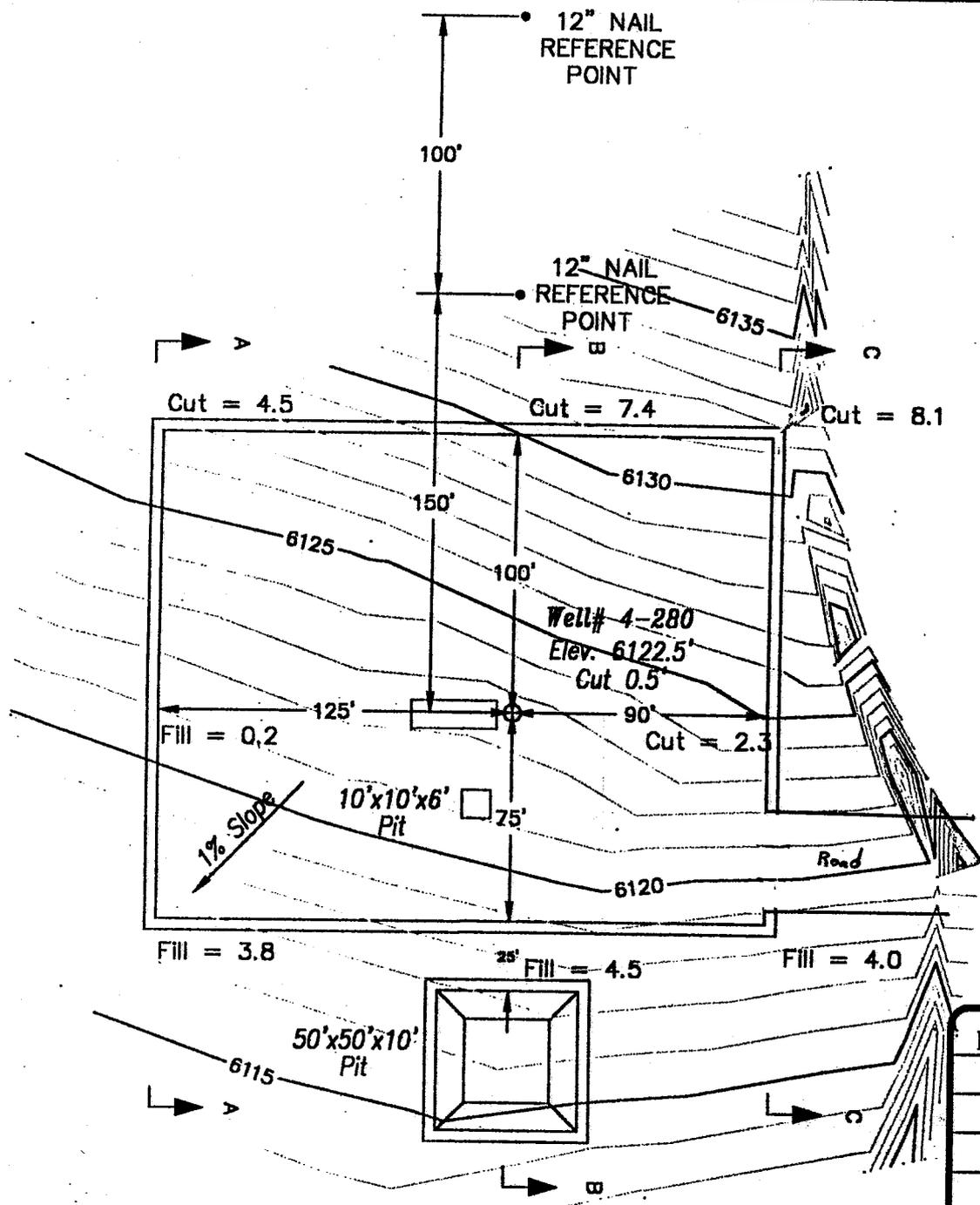
If the person at the above number cannot be reached, notify the Moab District Office at (435) 259-6111. If unsuccessful, notify one of the people listed below.

Well abandonment operations require 24 hour advance notice and prior approval. In the case of newly drilled dry holes, verbal approval can be obtained by calling the Moab District Office, Branch of Fluid Minerals at (435) 259-6111. If approval is needed after work hours, you may contact the following:

| | |
|--------------------------------|------------------------|
| Eric Jones, Petroleum Engineer | Office: (435) 259-6111 |
| | Home: (435) 259-2214 |

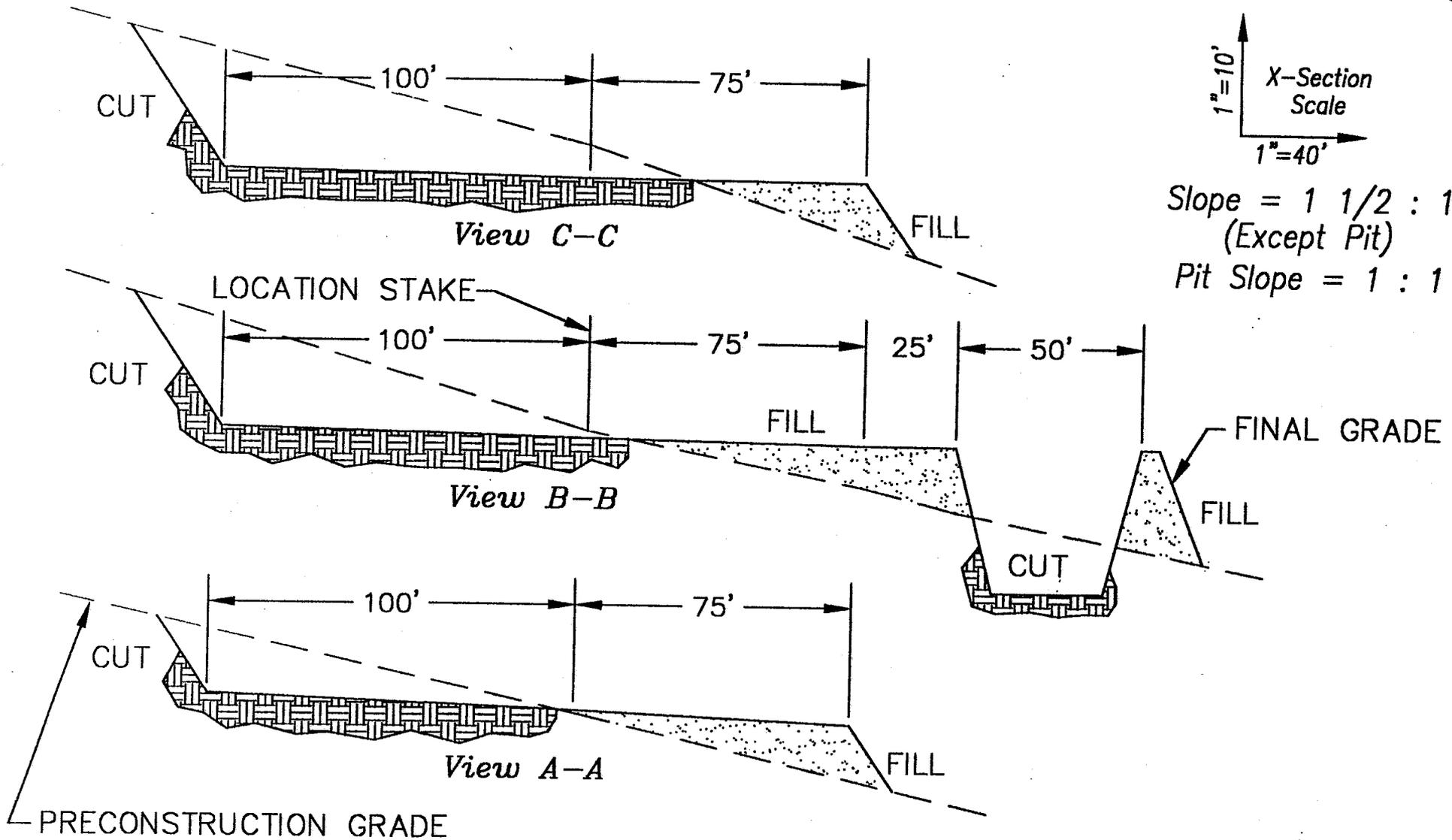
If unable to reach the above individuals, please call:

| | |
|---------------------------------|------------------------|
| Lynn Jackson, | Office: (435) 259-6111 |
| Chief, Branch of Fluid Minerals | Home: (435) 259-7990 |



Elevation Ungraded Ground At Location Stake = 6122.5'
 Elevation Graded Ground At Location Stake = 6122'

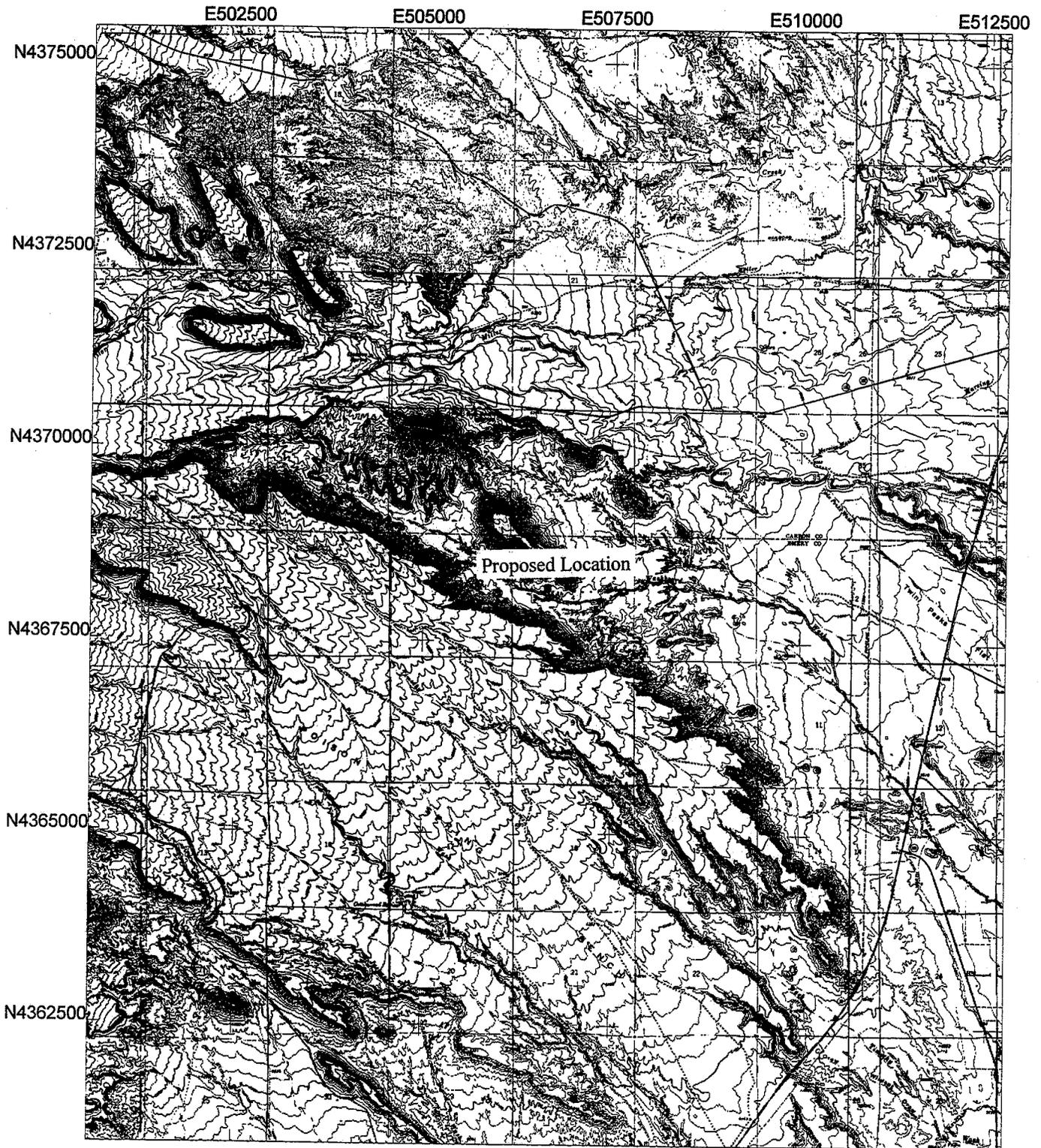
| | |
|--|---|
| DRAWN BY D. ROBERTSON CHECKED BY L.W.J. DATE 8/20/98 SCALE 1" = 60' SHEET NO. 422 DRAWING NO. A-2 SHEET 2 OF 4 | <p>3255 South 125 West Panguitch, Utah 84501 (801) 637-9300 FAX (801) 637-2438</p> |
| RIVER GAS CORPORATION LOCATION LAYOUT SECTION 4, T16S, R9E S.L.B. & M. WELL # 4-280 | |



APPROXIMATE YARDAGES

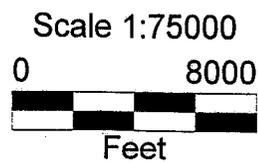
| | |
|-------------------------------|-------------------------|
| CUT (6" Topsoil Stripping) | = 750 Cu. Yds. |
| Remaining Location | = 3,144 Cu. Yds. |
| TOTAL CUT | = 3,894 Cu. Yds. |
| TOTAL FILL | = 1,563 Cu. Yds. |

| | |
|--|---|
| DRAWN BY: D. ROBERTSON CHECKED BY: L.W.J. DATE: 8/21/98 SCALE: AS SHOWN JOB NO. 422 DRAWING NO. C-1 |  2204 South 120 West Price, Utah 84501 (801) 637-8300 FAX (801) 637-2633 SECTION RIVER GAS CORPORATION TYPICAL CROSS SECTIONS SECTION 4, T16S, R9E S.L.B. & M. WELL # 4-280 |
|--|---|

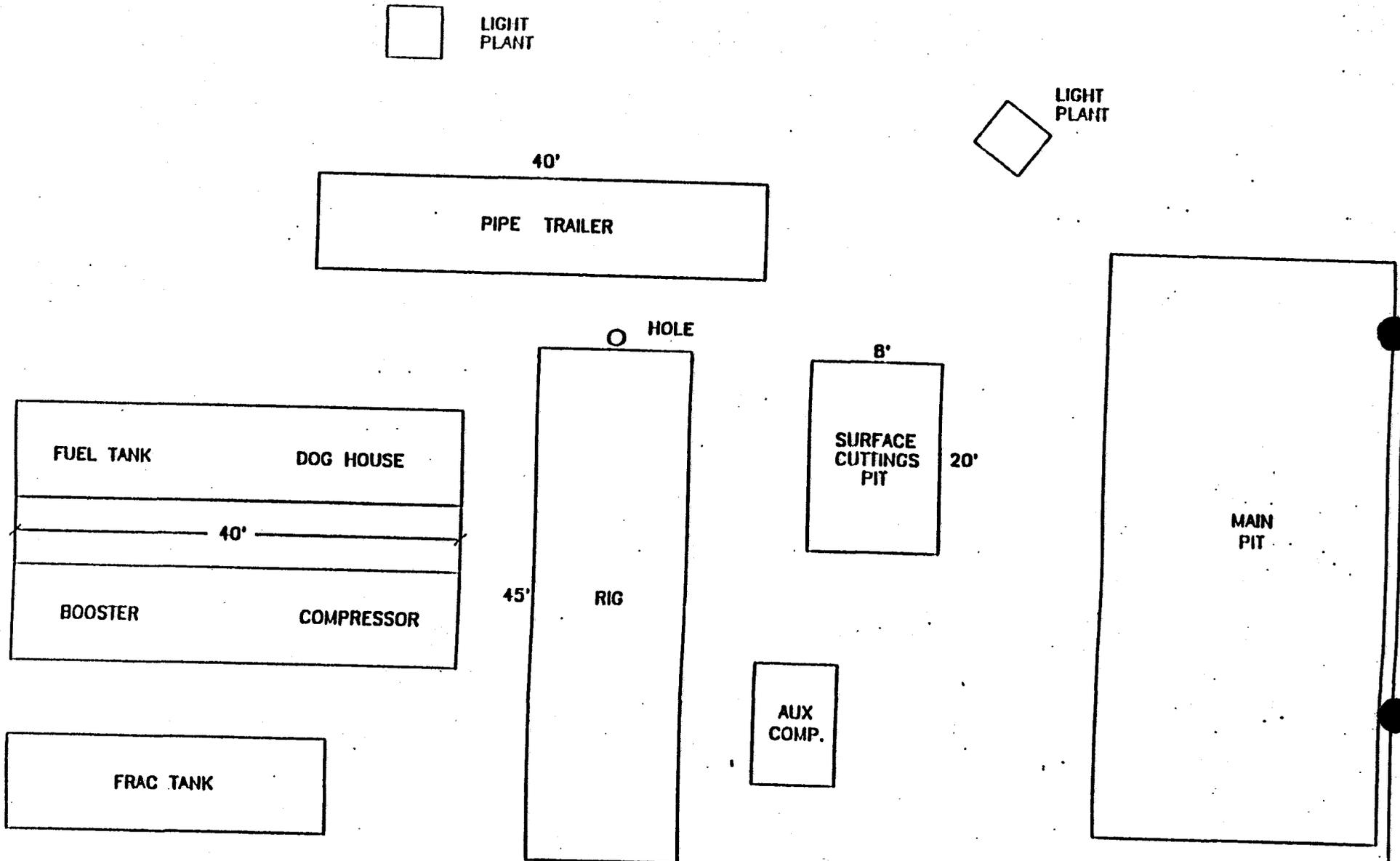


USA 04-280

Universal Transverse Mercator
North 12
NAD83 (Conus)

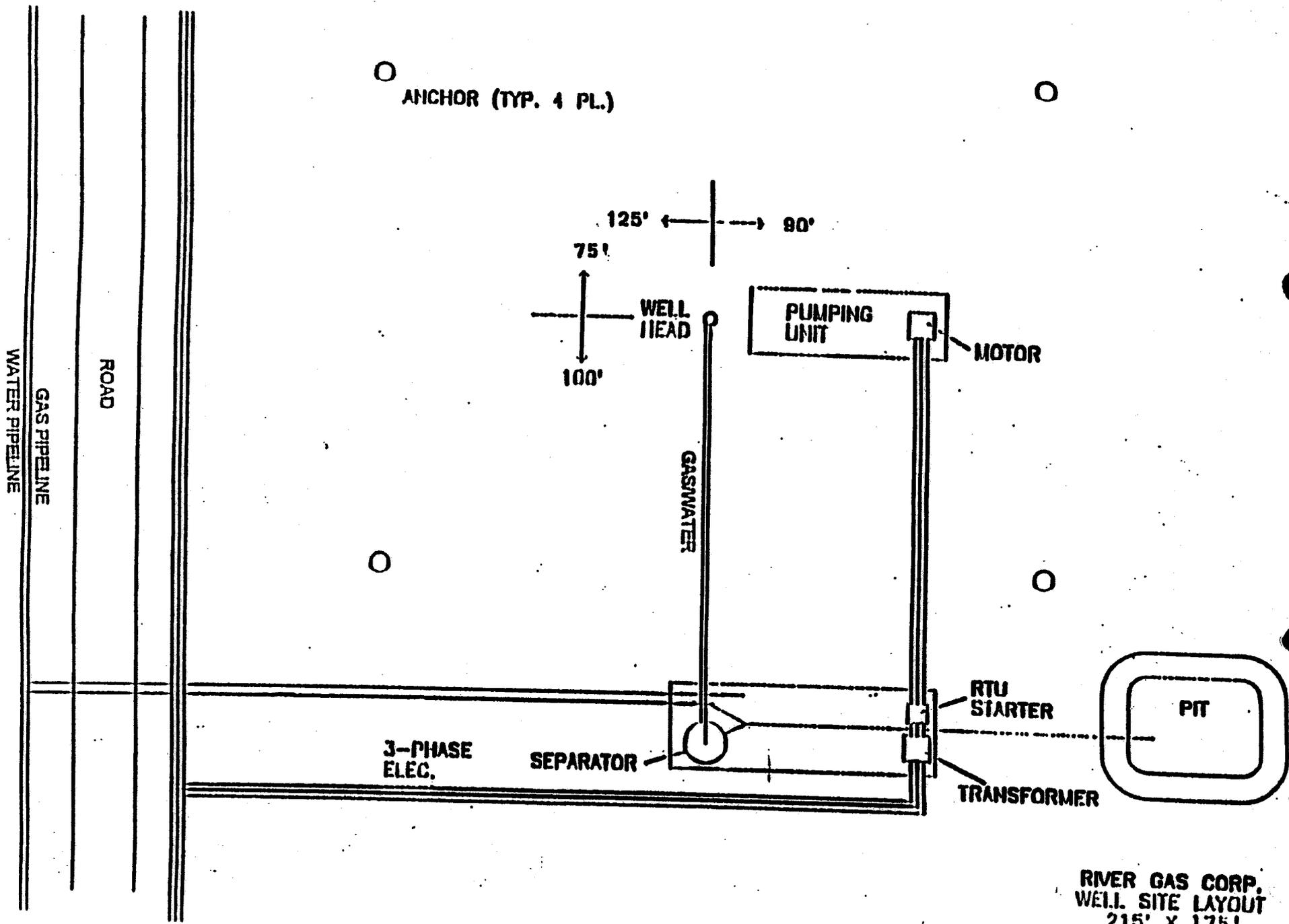


10/15/1998
Pathfinder Office™
 Trimble



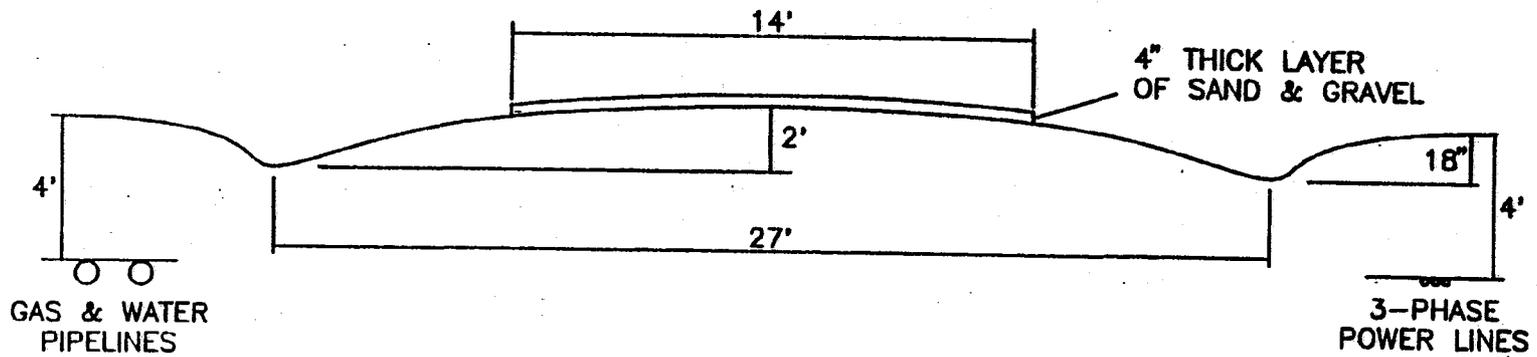
APPROXIMATE LAYOUT OF RIG & EQUIPMENT
 (NOT TO SCALE)

○ ANCHOR (TYP. 4 PL.)



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

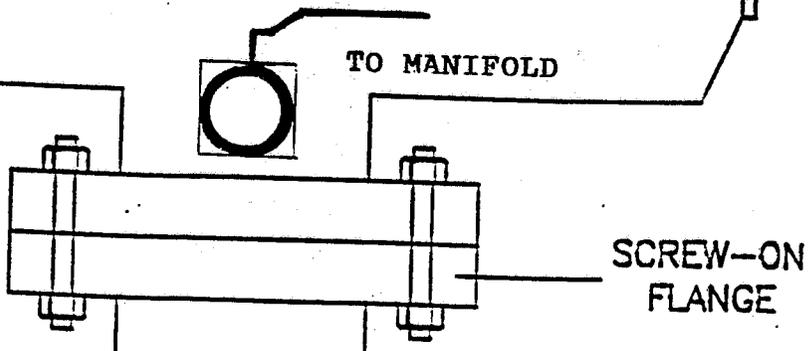
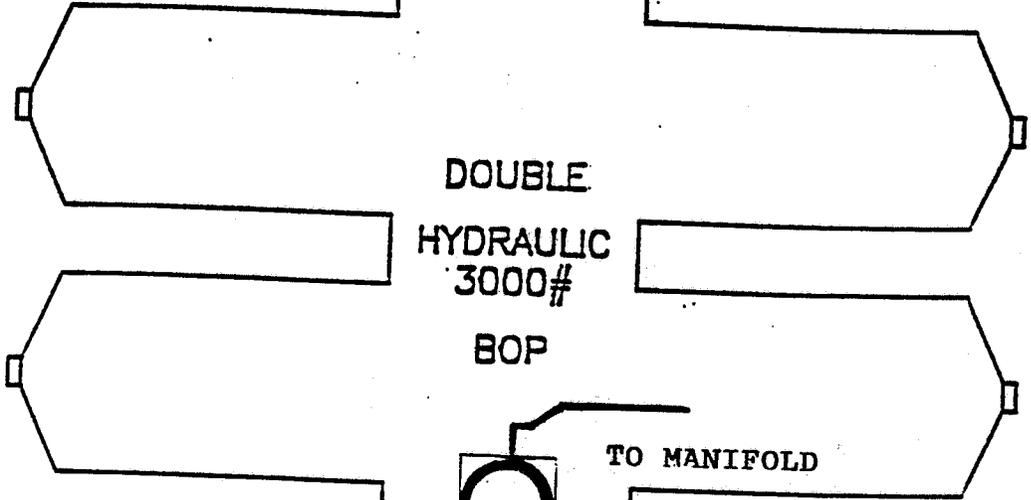
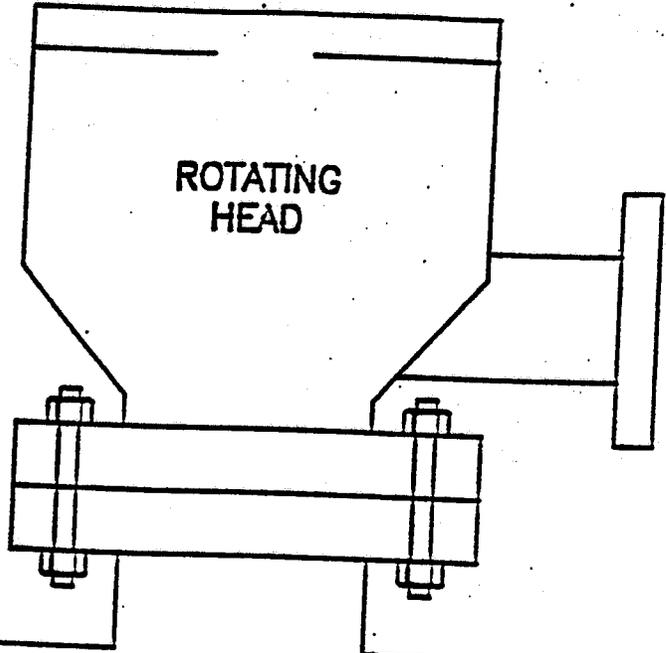
RIVER GAS CORPORATION



TYPICAL ROAD CROSS-SECTION

NOT TO SCALE

DIVERTER HEAD

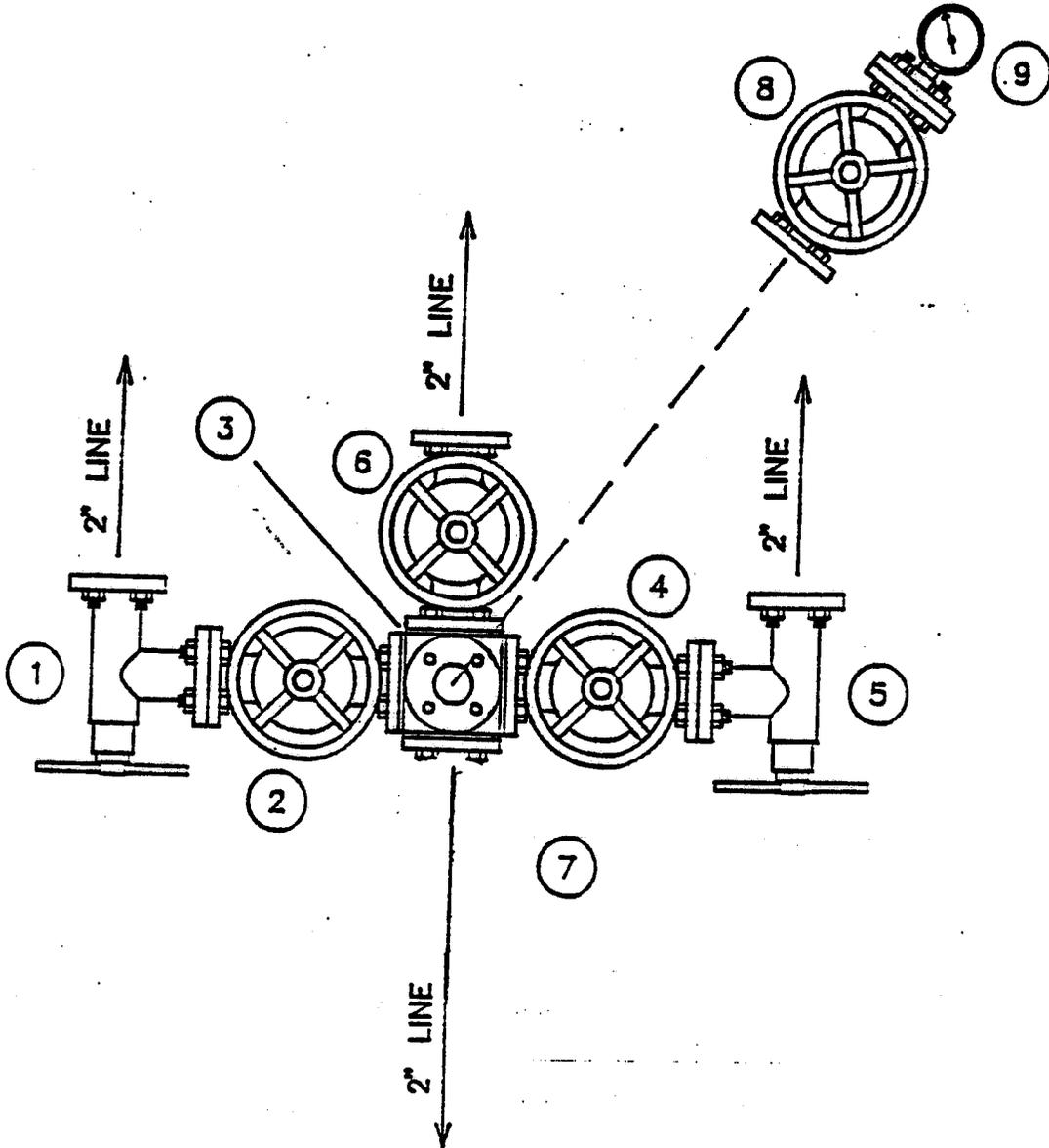


Kill Line
TO MUD PUMPS

8-5/8" 24#
SURFACE CASING

- (1) 2" 5M FLANGED CHOKE
- (2) 2" 5M GATE VALVE (FLANGED)
- (3) 2" 5M STUDDED CROSS
- (4) 2" 5M GATE VALVE (FLANGED)
- (5) 2" 5M FLANGED CHOKE
- (6) 2" 5M GATE VALVE (FLANGED)
- (7) 2" LINE
- (8) 2" 5M GATE VALVE (FLANGED)
- (9) 3000# GAUGE

NOTE:
 NUMBER 8 GATE VALVE
 SITS ON TOP OF MANIFOLD
 BETWEEN STUDDED CROSS
 AND 3000# GAUGE.



TO BOP

AND A NEW 2" BALL VALVE
 FULL OPEN 5000PSI

MANIFOLD

SCHOOL AND INSTITUTIONAL TRUST LANDS ADMINISTRATION**OIL AND GAS CONDITIONS OF APPROVAL****PRICE COALBED METHANE PROJECT****FINAL ENVIRONMENTAL IMPACT STATEMENT**

Well: Utah 4-280

Mineral Lease No: ML-48219

API No.: 43-015-30341

Location: 2087 FNL, 1627 FWL, SE NW, Sec. 4, T. 16 S., R. 9 E.

County: Emery

The Bureau of Land Management has prepared an Environmental Impact Statement for a portion of the Price Coalbed Methane area and a Record of Decision has been issued with respect to certain actions considered in the Environmental Impact Statement.

Pursuant to the Utah Schools and Land Exchange Act of 1998, Pub. L. 105-335, 112 Stat. 3139, which ratified the May 8, 1998, "Agreement to Exchange Utah School Trust Lands Between the State of Utah and the United States of America" entered into between the State of Utah and the United States of America, the School and Institutional Trust Lands Administration ("SITLA") has agreed to adopt all conditions, mitigation measures and restrictions imposed on lessees by the Record of Decision in the administration of Federal Mineral Leases acquired in Townships 14, 15, 16 South and Ranger 8 and 9 East, SLBM.

Accordingly, SITLA's approval of the Application for Permit to Drill shall be conditioned upon the following:

Location of Facilities and Timing of Construction

Final well locations and transportation corridor alignments shall be selected and designed to avoid or minimize disturbances to sensitive areas, including areas of high wildlife value or critical habitat, grazing, and/or recreational value, including wetlands and riparian areas; and areas with high erosion potential, highly saline soils, rugged topography, and/or poor reclamation potential (i.e., steep slopes, eroded lands, floodplains, unstable soils), where possible.

New roads shall be constructed so as to avoid areas with high erosion potential. Where roads must be allowed, new roads shall be graded to spread drainage instead of channeling runoff. No road on excess of 15 percent shall be allowed on slopes greater than 15 percent. No vehicle access shall be allowed across slopes on excess of 25 percent.

Construction shall not occur on frozen or saturated soils, or when watershed damage is likely, unless an adequate plan is submitted to SITLA that demonstrates potential impacts will be mitigated. SITLA may limit cross-country travel or construction activity at times when soils are dry or frozen or have snow cover. SITLA will determine what is "wet," "muddy," or "frozen" based on weather and field conditions at the time. The limitation does not apply to maintenance and operation of producing wells.

Occupancy or other surface disturbance shall not be allowed within 330 feet of the centerline or within the 100-year recurrence interval floodplain of perennial streams, except where authorized in writing by the SITLA (e.g., road crossings).

Occupancy or other surface disturbance shall not be allowed within 660 feet of springs, whether flowing or not. No vibroseis, drilling or blasting associated with seismic exploration shall be allowed within 0.25 mile of any spring or water well.

During project construction, surface disturbance and vehicle travel shall be limited to the approved location and access routes. Any additional area needed must be approved by SITLA prior to use.

Vegetation removal necessitated by a construction project shall be confined to the limits of actual construction. Removed vegetation will be stockpiled for use in reclamation or removed from the construction site at the direction of SITLA.

Reclamation

The reclamation plan shall be a part of the surface use plan of operations. The following are generally components of the reclamation plan.

All pits must be reclaimed to a natural condition similar to the rest of the reclaimed area, and must be restored to a safe and stable condition.

Reclamation shall start immediately upon completion of construction, unless prevented by weather conditions. Disturbed areas shall be restored to approximately the original contour.

Disturbed areas shall be revegetated after the site has been satisfactorily prepared. Site preparation may include ripping, contour furrowing, terracing, reduction of steep cut and fill slopes, waterbarring, or other procedures.

Revegetation seed mixes have been established for the Project Area, and are provided in Appendix 2F. They are based on erosion control, forage production, elevation, soils, vegetation community composition, and precipitation requirements. Different seed mixes have been developed for temporary seedlings, and for final reclamation of sited in salt desert, sagebrush/grass, pinyon-juniper, mountain brush, and riparian habitats. Reclamation in riparian habitat shall also involve sedge and rush root plugs, willow cuttings, and cottonwood bare root stock plants. All seed mixes shall be free of noxious weeds.

Seedling shall be done by drilling on the contour whenever practical, or by other approved method. Where broadcast seeding is used, seeding shall take place after the soil surface is recontoured and scarified. A harrow or similar implement shall be dragged over the area to assure seed cover.

On all cut slopes, the seeding must extend from the bottom of the ditch to the top of the cut slope. On embankment slopes, the seeding must extend from the roadway shoulder to the toe of the slope. Seeding shall also be done on all borrow pit areas and on all sidecast slopes in areas of full bench construction.

Seeding and/or planting shall be repeated until satisfactory revegetation is accomplished, as determined by SITLA. Mulching, fertilizing, fencing or other practices may be required.

Seeding shall be done from October 1 to November 15, and from February 1 to March 31 (requires SITLA prior approval).

Sufficient topsoil to facilitate revegetation shall be segregated from subsoils during all construction operations and shall be returned to the surface upon completion of operations, where feasible. Topsoil stockpiles shall be revegetated or otherwise protected to prevent erosion and maintain some soil microflora and microfauna. Stockpiled topsoil shall be spread evenly over the recontoured area. All disturbed areas and vehicle tracks from overland access shall be ripped 4 to 12 inches deep within the contour.

Bonds are required for oil and gas operations on federal leases for protection of the environment, including surface reclamation. Revegetation must be successfully established for release for the bond.

Reclamation and abandonment of pipelines and flowlines may require replacing fill on the original cuts, reducing and grading cut and fill slopes to conform to the adjacent terrain,

replacement of surface soil material, waterbarring, and revegetating in accordance with a reclamation plan.

Wellsite reclamation shall include recounturing to re-establish natural contours where desirable and practical.

After well plugging and abandonment, roads constructed by the operator not required for SITLA transportation system use shall be closed and obliterated. Reclamation may include ripping, scarifying, waterbarring, and barricading. Stockpiled soil, debris and fill materials shall be replaced on the road bed to conform to the approved reclamation plan.

Water bars shall be constructed on road grades or slopes, if require by SITLA. Spacing of waterbreaks is dependent on slope and soil type. For most soil types, the following spacing shall be used:

| Slope | Spacing |
|-------|----------|
| 2% | 200 feet |
| 2-4% | 100 feet |
| 4-5% | 75 feet |
| >5% | 50 feet |

Revegetation on big game critical winter range shall include hand-planting of seedling browse plants and use of seedling protectors to provide protection against browsing in the first two years after planting.

Temporary erosion control measures such as mulch, jute netting, or other appropriate methods shall be used on unstable soils, steep slopes, and wetland areas to prevent erosion and sedimentation until vegetation becomes established.

General Requirements

Precautions must be taken at all times to prevent wildfire. Operators shall be held responsible for suppression costs for any fires on public lands caused by operator's negligence. No burning of debris shall be allowed without specific authorization from SITLA.

Any campfires must be kept to a minimum size and utilize only downed dead wood.

Road construction must meet class II standards (Appendix 2C).

With SITLA approval, existing roads or trails may be improved (bladed) if impassable by vehicles or equipment. No widening or realignment shall be allowed unless approved by SITLA. Maintenance of roads outside lease or unit boundaries will require a SITLA right-of-way.

New trails may be constructed only when vehicle and equipment passage is impossible, and only with the concurrence of the SITLA. Any pushed trees are to be readily retrievable without additional disturbance, if needed for reclamation.

Reserve pits for oil and gas drilling operations may be required to be lined with commercial-grade bentonite or plastic liners sufficient to prevent seepage. At least half of the capacity shall be in a cut.

Prior to the use of insecticides, herbicides, fungicides, rodenticides, and other similar substances, and operator must obtain from SITLA approval of a written plan. The plan must describe the type and quantity of material to be used, the pest to be controlled, the method of application, the location for storage and disposal of containers, and other information that SITLA may require. A pesticide may be used only in accordance with its registered uses and within other agency limitations. Pesticides must not be permanently stored on public lands.

Water Resources

Existing fords shall be used for drainage crossings where possible. Low-water crossings shall use a cut-and-fill process or upgrade existing crossings unless use of culverts is specifically authorized.

Bridges and culverts shall allow adequate fish passage where applicable. Take-down (or free-floating) panels or water gates shall be installed on all fences that cross intermittent or perennial stream channels.

For construction projects lasting more than 30 days, portable chemical toilets shall be provided at all staging areas, bases of operations, and storage areas.

Soaps, detergents, or other nondegradable foreign substances shall not be used for washing in streams or rivers. Biodegradable soap may be used.

No oil, lubricants, or toxic substances may be drained onto the ground surface. Pads shall be designed so that any oil, lubricants, etc., shall drain into a collection system.

Wetlands and Riparian Areas

Construction, development, and right-of-way in riparian areas shall be minimized. Where these areas must be disturbed, stipulations shall minimize impacts and require post-disturbance reclamation. Reclamation shall be closely monitored, and not considered complete until the desired vegetation is established.

Wildlife

Restrictions on Construction Phase Activity: Prohibit construction phase activity described below, on big game high value and critical winter range during the period (December 1 - April 15). This condition would not apply to normal maintenance and operation of producing wells, described below.

Construction Phase Activity: Construction phase activity is considered to include all work associated with initial drilling and construction of facilities through completion, including installation of pumping equipment, connection with ancillary facilities and tie-in with pipelines necessary for product delivery.

Construction activities are not allowed to be initiated unless it is reasonable to believe that such work can be finished to a logical stopping point prior to December 1 of that year. Specific activities considered to be covered by the seasonal closure include all heavy equipment operations including but not limited to the following:

- Mobilization/Demobilization or operation of heavy equipment (crawler tractor, front end loader, backhoe, road grader, etc.)
- Construction activity (road construction or upgrading, pad, pipeline, powerline, ancillary facilities, etc.),
- Drilling activity (operator would not propose to initiate drilling activity if the project could not reasonably be expected to be finished to a logical stopping point by the December 1 date of that year.
- Seismic operation, detonation of explosives.

This seasonal closure would not apply to reconnaissance, survey/design and /or flagging of project work or other similar activity not requiring actions listed for heavy equipment operation.

Production Phase: A coalbed methane well is considered to be in production phase when the well and ancillary facilities are completed to the point that they are capable of production and delivering product for sale. It is noted that heavy equipment operation may be necessary in the performance of maintenance and operation of producing wells.

Restriction on Non Emergency Workover Operations: Non-emergency workover operations (defined below) are required to be scheduled on big game high value winter range outside the December 1 to April 15 date of the seasonal closure. The operator will be required to submit Sundry notices to SITLA in advance of workover operations proposed between December 1 and April 15. Sundry notices submitted as emergency work, may require independent corroboration by SITLA staff prior to work proceeding. Should SITLA object to the emergency designation of the sundry notice, SITLA would make notification of the objection within five working days of receipt of the sundry notice. In the absence of such notification or in the event of corroboration with the sundry notice, the operator would be permitted to proceed with the workover operation.

Non-emergency Workover Operations: Workover operations to correct or reverse a gradual loss of production over time (loss of production of five percent or less over a 60 day period) is considered to be routine or non-emergency workover operations and would not be permitted during the December 1 to April 15 time frame.

Emergency Workover Operations: Emergency work over operations are defined as downhole equipment failure problems or workover operations necessary to avoid shut-in of the well or to avoid an immediate safety or environmental problem. Loss of production greater than five percent within a 60 day period is indicative of pump failure and will be treated as an emergency workover operation.

The subject permit application is proposed within critical winter range and subject to acre for acre mitigation for surface disturbance on critical winter range. The following condition comes from a cooperative agreement between the River Gas Corporation, BLM-Price Field Office, the Utah Division of Wildlife Resources and the National Fish and Wildlife Foundation, under which the River Gas Corporation agrees to the following:

- Contribute \$1,250.00 (1996 dollars) for each well interest permitted and drilled by RGC (or on behalf of RGC by its contractor) on big game critical winter range as depicted in the FEIS Price Coalbed Methane Project Area. (Wells meeting the above criteria for which payment will be required, will be referred to as "subject wells".) This contribution will be adjusted annually for inflation based on the Consumer Price Index (CPI), see Section II.C.6 for the referenced source used for the determination of the CPI and the date in which this annual adjustment will go into effect.

Since this mitigation program is designed to address impacts of all big game critical winter range surface disturbance (roads, well pads, pipelines, etc.), contributions will be required regardless of the success or failure of the subject well to produce.

- The recorded date for spudding for each subject well (the first boring of a hole during the drilling of a well) will serve as the reference date triggering the requirement for the mitigation contribution.
- Contributions will be submitted (in the form of an Corporate check, cashiers check or wire transfer) directly to the National Fish and Wildlife Foundation by the 30th of each month for all subject wells spudded in the preceding month.
- All contributions will be made payable to the "National Fish and Wildlife Foundation re: Proj 97-260" and reference the "Price Field Office Wildlife Habitat Impact Mitigation Fund (RGC)".

Exploration, drilling or other development activity shall only be allowed from June 16 to March 31 in sage grouse strutting/nesting areas. This limitation does not apply to maintenance and operation of producing wells.

Raptor Nest Site Protection Measures

The subject permit application is proposed within or near known suitable raptor nesting habitat. In order to avoid potential adverse affects to nesting raptors protected under the Migratory Bird Treaty Act and/or the Bald Eagle Protection Act, the operator must comply with all applicable provisions below.

Provisions check marked below are directly applicable to this action, based on available data at the time of this review. Any other provisions, listed below (even if not check marked) may become applicable to this action as updated raptor data becomes available.

- [] Survey Required: Conduct raptor surveys to determine the status of known nests and verify presence of additional nests in the affected area of this action. Surveys are to be conducted by consultants qualified to conduct such surveys and approved by SITLA. All surveys would be conducted by helicopter during May of each year unless otherwise provided by SITLA. The surveys are required to be completed in the same year as the proposed drilling/construction so that current nest activity status data are available prior to Application for Permit to Drill approval. Cost for surveys and preparation of a report of the findings of the survey would be the obligation of the lease holder.
- [X] Raptor Nest Site Bufferzone Permanent Occupancy: Upon the finding of the above survey (or other appropriate documentation) that the action lies within 0.5 miles of a raptor nest occupied (defined below) in any of the three years preceding the proposed date of construction, the action would be subject to the no surface occupancy provision stated below and provided for in the Price CBM FEIS.

Permanent surface disturbance and occupancy (i.e. oil and gas production facilities) is prohibited within 0.5 miles of raptor nests which have been documented as occupied within three years.

The provision will apply as long as the nest status remains unchanged (i.e. documented as occupied within any of the three years preceding the proposed date of construction. If the nest is documented as unoccupied for a period of three or more consecutive years, it will be deemed to have been abandoned and the action will no longer be subject to the nor surface occupancy provision.

In the event an action involving a permanent facility, as described above, is proposed within the 0.5 mile bufferzone, SITLA will initiate a site specific evaluation in coordination with the USFWS. This coordination will range from informal contacts that can be accomplished by telephone, to field coordination which could entail the delineation of a site specific bufferzone to address site terrain features such as topographic and vegetative screening. Upon completion of the site specific evaluation, SITLA will notify the holder of the findings. If the site specific evaluation determines that the action can be accomodated with no significant adverse affects to the current or future productivity of the nest, the no surface disturbance/occupancy referenced above would not be applicable.

[X] Raptor Nest Site Bufferzone Temporary Occupancy: Any temporary surface disturbance and occupancy (i.e. road and pipeline construction, etc.) associated with this permit, occurring within 0.5 miles of a raptor nest documented as occupied in one or more of the three years preceding the proposed date of construction must be conducted outside the nesting period of February 1 to July 15. This will include but not be limited to road construction or upgrading required to reach this well location. If such work is required to access this location with heavy equipment, the seasonal closure of February 1 to July 15 will also apply to the drilling of this well.

[X] Maintenance and Operation of Existing Wells within 0.5 miles of Raptor Nests: In the event an action is authorized and constructed and a raptor nest is subsequently built within 0.5 miles of the development, maintenance and operations involving workovers or heavy equipment operation under this action will be subject to the following conditions and notifications.

The proponent is required to submit (at least 5 days in advance of proposed work) a sundry notice for all work over or maintenance operations requiring use of heavy equipment proposed during the raptor breeding season (February 1 - July 15) and within the 0.5 mile bufferzone of any known raptor nest site. Upon receipt of this notification SITLA in consultation with DWR and USFWS would issue a determination on the activity status of the affected raptor nest. If the nest is found to be occupied, site specific protection measures would be developed to protect the nesting raptors and prevent

conditions or actions that may result or contribute to a taking as defined under the Bald Eagle Protection Act and or the Migratory Bird Treaty Act.

To avoid the necessity for this provision, the operator is encouraged to schedule all such work outside of the nesting period on wells subject to this provision.

Occupied Nest Site Definition: An occupied raptor nest is defined for the purposes of this stipulation, as any nest site exhibiting physical evidence of current use by raptors. Evidence may include but is not limited to: presence of raptors (adults, eggs or young) at the nest or within the nesting territory, presence of greenery in the nest, and/or presence of current year's whitewash at the nest or in the immediate vicinity of the nest.

Cultural Resources

All areas subject to surface disturbance, or Areas of Potential Effect (APE), which have not been previously inventoried for cultural resources to SITLA standards, must be inventoried prior to approval of an APD or other actions. The APE is defined as any area that may be subject to direct or indirect impacts to cultural resources by elements of the development project. The zone of the APE shall vary in size in accordance with the projected levels of sensitivity for cultural resources at the location of any development. In low sensitivity areas, the APE shall be defined as the area subject to direct impacts through surface disturbing activities. In areas of medium sensitivity, the APE shall be expanded to account for potential indirect impacts: intensive inventory shall occur on all well pads plus additional 10 acres surrounding each pad; a 150-foot corridor center on roads, flowlines, and other facilities shall be inventoried as the APE. In high sensitivity areas, the APE shall include the well pad and 10 acres surrounding the well location' and the APE for roads, flowlines, and other facilities shall be area of direct ground disturbance and a 300-foot zone on all sides of the facility.

Cultural resource inventories shall be conducted in consultation with SITLA by authorized cultural resource professionals. Prior to field work, a records check must be conducted to identify previous inventories and recorded properties. During the course of inventories, previously unrecorded sites must be recorded on standard forms, photographed, and mapped. Cultural resources shall be evaluated, and a recommendation on eligibility to the National Register of Historic Places shall be made. SITLA shall make all Determinations of Eligibility. A report shall be prepared for each development or series of developments documenting the inventory methods, results, description of the sites within the APE, recommendations on National Register eligibility, and shall include proposed mitigating measures.

SITLA shall consult with the State Historic Preservation Officer (SHPO) and the President 's Advisory Council on Historic Preservation (ACHP) as mandated by the National Historic Preservation Act of 1966 (as amended), in accordance with guidelines set forth in a Programmatic Agreement among BLM, SHPO, ACHP, and RGC. This document has been completed as a legally binding agreement and is referenced in the Record of Decision for the overall project. Site avoidance, detailed site recordation, and site protection shall be the preferred treatments, but mitigation of National register eligible properties through data recovery may take place where avoidance is not prudent or feasible, after consultation as specified in the Programmatic Agreement. SITLA shall submit a treatment plan to SHPO, ACHP and to other affected parties as may be appropriate for a 30-day consultation prior to implementation of data recovery efforts.

SITLA shall notify, consult , and/ or coordinate with Indian tribes, traditional leaders, and other interested parties as required by various statues (NEPA, American Indian Religious Freedom Act [AIRFA], National Historic Preservation Act [NHPA], Federal Land Policy and Management Act [FLPMA], Archaeological Resources Protection Act [ARPA], and the Native American Graves Protection act [NAGPRA]). In particular, SITLA shall attempt to elicit information concerning the potential effects of any action resulting from the Proposed Action on tradition cultural properties, including areas of traditional use and areas of religious or cultural importance to tribes. Indian tribes shall be afforded a minimum of 30 days for review , comments and consultation prior to issuance of a decision; under certain circumstances additional time must be afforded. A 30- day notification period is required by ARPA prior to issuance of any Cultural Resource Use Permits of r the excavation and removal; of cultural resources from public lands administered by SITLA. NAGPRA requires notification and consultation with affected tribes regarding the potential to encounter human remains during the course of a project, and provides for cessation of work, and the notification and consultation with tribes should inadvertent discovery of human remains occur during the course of a project. SITLA shall assure adherence to these statues.

If a previously unknown property is encountered during construction or operation of the facilities, or is a previously planned undertaking shall affect a known historic property in an unanticipated manner, all work that might adversely affect the property shall cease until SITLA can evaluate the significance of the property and assess the effect of the undertaking. SITLA shall consult with SHPO on both a determination of eligibility and the assessment of effect on an expeditious manner. If the site is determined eligible and shall be affected by the undertaking, SITLA shall ensure that RGC prepares an avoidance or treatment plan for the property.

If humans remains are discovered at any point during the project, they shall be treated according to state and federal law, and according to the wishes of concerned Native American tribes, pursuant to the Native American Graves Protection and Repatriation Act. The county sheriff, coroner, land-managing official, and State Archaeologist shall be notified. The remains shall not be disturbed until the appropriate officials have examined them

Land Use

On split estate lands, where the surface is privately owned and the subsurface is owned by SITLA, SITLA will recommend the same environmental protection standards as shall be used for SITLA surface. The operator is responsible for making a good faith effort to reach an agreement with the private surface owner which considers the recommended SITLA protection measures and formalizes requirements for the protection of surface resources and/or damages.

Each application for permit to drill or application to conduct other surface disturbing activities shall contain the name, address and telephone number of the surface owner. The SITLA shall invite the surface owner to participate in any on-site inspection that is held. The operator is responsible for making access arrangements with the private surface owner prior to entry.

Incorporated cities are categorized by BLM as no Lease. Within the Project Area, BLM leases do not permit surface occupancy or other activity for Carbon County Airport, Carbon County Recreation Complex, and Carbon County sanitary landfill.

Livestock Management

Existing range and livestock management facilities, such as fences wells, reservoirs, watering pipelines, troughs and trailing systems, shall not be disturbed without prior approval of SITLA. Where disturbance is necessary, the facility shall be returned to its original condition.

Newly constructed range improvements such as fences and reservoirs must meet SITLA standards. When it is necessary to gain access across a fenceline for construction purposes, the fence must be braced. Four-inch timber or equivalent must be installed and the gateway kept closed when not in actual use.

All gates found closed during the course of the operation must be reclosed after each passage of equipment and personnel. Cattle guards shall be installed in fences on all collector roads. Either a cattle guard or a gate shall be required on local and resource to roads to control livestock movement or vehicular access.

If road construction cuts through natural topography that serves as a livestock barrier, a fence shall be constructed to replace it. The fence shall be installed with a cattle guard or gate to control livestock and vehicle movement or access.

Access to grazing areas shall be maintained at all times. Livestock operators shall have access to grazing and trailing areas where road closures are implemented during periods of authorized livestock use.

Visual Resources

Roads through timbered areas shall take a curvilinear path to reduce sight distances.

Upon completion of the project the area and access roads shall be reclaimed to as near the original condition as possible. All disturbed areas shall be recontoured to blend as nearly as possible with the natural topography. All berms shall be removed and all cuts (including roads) filled.

Construction areas and access roads shall be kept liter-free. The operator must provide a trash pit or trash cage, and trash must be collected and contained during the operation. All garbage, trash, flagging, lath, etc., shall be removed from the area and hauled to an authorized dump site.

Construction and facilities shall be in conformance with Visual Resource Management (VRM) objectives for the VRM classes in the Project Area. All surface facilities in the Project Area shall be located to minimize disturbance of the visual horizon and painted to blend in with the surrounding landscape.

Colors shall be specified by the SITLA.

MISC. ITEMS

MUD PIT: _____ Lined _____ Unlined _____ Determine at construction

Comments: _____

APPENDIX 2F

SEED MIXTURES FOR THE PRICE COALBED METHANE PROJECT

Seed mixtures have been developed for general land types throughout the project area. They are based on erosion control, forage production, elevation, soils, vegetation communities and average annual precipitation zones. The mixtures show the plant species and the pounds per acre of pure live seed (PLS) to be planted.

The following seed mixture will be planted along service road borrow ditches, around the edge of drill pads with a production well, and surrounding other production and maintenance facilities. The purpose of this seeding is to provide a "green strip" buffer to minimize fire hazards and prevent invasion and establishment of noxious weeds in areas that will receive contained disturbance for the life of these project areas.

Green Strip Area

NOTES:

| <u>Common Plant Name</u> | <u>Scientific Name</u> | <u>Pounds per acre/PLS*</u> |
|--------------------------|--|-----------------------------|
| Forage kochia | <u>Kochia prostra</u> | 2 |
| Wyoming big sagebrush | <u>Artemisia tridentata wyomingensis</u> Var. <u>Gordon Creek</u> | 1 |
| Douglas low rabbitbrush | <u>Chrysothamnus viscidiflorus</u> | 1 |
| Yellow sweetclover | <u>Melilotus officinalis</u> | 1 |
| Small burnet | <u>Sanguisorba minor</u> | 1 |
| Bottlebrush squirreltail | <u>Elymus elymoides</u> | 1 |
| Inertmediate wheatgrass | <u>Thinopyrum intermedium</u> | 1 |
| | Total | 8 |

The following seed mixtures are for areas that will receive final reclamation. Areas would be planted to protect them from soil erosion and to restore forage production.

Salt Desert Areas

NOTES:

| <u>Common Plant Name</u> | <u>Scientific Name</u> | <u>Pounds per acre/PLS*</u> |
|----------------------------|--|-----------------------------|
| <u>Grasses</u> | | |
| Indian ricegrass | <u>Oryzopsis hymenoides</u> | 2 |
| Squirreltail | <u>Elymus elymoides</u> | 2 |
| Galleta | <u>Hilaria jamesii</u> | 2 |
| <u>Forbs</u> | | |
| Lewis flax | <u>Linum perenne lewisii</u> | 1 |
| Palmer penstemon | <u>Penstemon palmerii</u> | 1 |
| Gooseberryleaf glodemallow | <u>Sphaeralcea grossulariifolia</u> | 0.5 |
| <u>Shrubs</u> | | |
| Forage kochia | <u>Kochia prostrata</u> | 2 |
| Rubber rabbitbrush | <u>Chrysothamnus nauseosus</u> | 1 |
| Fourwing saltbush | <u>Atriplex canescens</u> | 2 |
| Winterfat | <u>Krascheninnikovai (Eurotia) lanta</u> | 2 |
| | Total | 15.5 |

Sagebrush/ Grass Areas

NOTES:

| <u>Common Name</u> | <u>Scientific Name</u> | <u>Pounds per acre/PLS*</u> |
|-----------------------|------------------------------|-----------------------------|
| <u>Grasses</u> | | |
| Indian ricegrass | <u>Oryzopsis hymenoides</u> | 2 |
| Squirreltail | <u>Elymus elymoides</u> | 2 |
| Thickspike wheatgrass | <u>Elymus lanceolatus</u> | 1 |
| Crested wheatgrass | <u>Agropyron desertorum</u> | 2 |
| <u>Forbs</u> | | |
| Lewis flax | <u>Linum perenne lewisii</u> | 1 |
| Palmer penstemon | <u>Penstemon palmerii</u> | 1 |

| | | |
|-----------------------|---|----------|
| Small burnet | <u>Sanguisorba minor</u> | 1 |
| <u>Shrubs</u> | | |
| Forage kochia | <u>Kochia prostrata</u> | 2 |
| Whitestem rabbitbrush | <u>Chrysothamnus nauseosus albicaulis</u> | 1 |
| Fourwing saltbush | <u>Atriplex canescens</u> | 2 |
| Wyoming big sagebrush | <u>Artemisia tridentata</u> | <u>1</u> |
| | Total | 16 |

Pinyon/Juniper Areas

NOTES: _____

| <u>Common Name</u> | <u>Scientific Name</u> | <u>Pounds per acre/PLS*</u> |
|-------------------------|--|-----------------------------|
| <u>Grasses</u> | | |
| Thickspike wheatgrass | <u>Elymus lanceolatus</u> | 1.5 |
| Inertmediate wheatgrass | <u>Thinopyrum intermedium</u> | 1.5 |
| Squirreltail | <u>Elymus elymoides</u> | 2 |
| Crested wheatgrass | <u>Agropyron desertorum</u> | 2 |
| <u>Forbs</u> | | |
| Lewis flax | <u>Linum perenne lewisii</u> | 1 |
| Palmer penstemon | <u>Penstemon palmerii</u> | 1 |
| Small burnet | <u>Sanguisorba minor</u> | 1 |
| <u>Shrubs</u> | | |
| Forage kochia | <u>Kochia prostrata</u> | 2 |
| Fourwing saltbush | <u>Atriplex canescens</u> | 2 |
| Wyoming big sagebrush | <u>Artemisia tridentata wyomingensis</u> var. <u>Gordon Creek</u> | 1 |
| Antelope bitterbrush | <u>Purshia tridentata</u> | 1 |
| True Mt. mahogany | <u>Cercocarpus montanus</u> | <u>1</u> |
| | Total | 17 |

Mountain Brush Areas

NOTES: _____

| <u>Common Name</u> | <u>Scientific Name</u> | <u>Pounds per acre/PLS*</u> |
|-------------------------|--|-----------------------------|
| <u>Grasses</u> | | |
| Sheep fescue | <u>Festuca ovina</u> | 2 |
| Smooth brome | <u>Bromus inermis</u> | 2 |
| Slender wheatgrass | <u>Elymus trachycaulus</u> | 2 |
| Intermediate wheatgrass | <u>Elytorgia intermedia</u> | 1.5 |
| Russian wildrye | <u>Psathyrostachys juncea</u> | 1 |
| <u>Forbs</u> | | |
| Lewis flax | <u>Linum perenne lewisii</u> | 1 |
| Rocky Mt. penstemon | <u>Penstemon strictus</u> | 1 |
| Sainfoin | <u>Onobrychis viciifolia</u> | 0.5 |
| <u>Shrubs</u> | | |
| Forage kochia | <u>Kochia prostrata</u> | 2 |
| Wyoming big sagebrush | <u>Artemisia tridentata wyomingensis</u> var. <u>Gordon Creek</u> | 0.5 |
| Antelope bitterbrush | <u>Purshia tridentata</u> | 1 |
| Mountain big sagebrush | <u>Artemisia tridentata var. vaseyana</u> | 0.5 |
| True Mt. mahogany | <u>Cercocarpus montanus</u> | 1 |
| | Total | 16 |

Riparian Areas

NOTES: _____

| <u>Common Plant Name</u> | <u>Scientific Name</u> | <u>Pounds per acre/PLS*</u> |
|------------------------------|------------------------------------|-----------------------------|
| <u>Grasses and Grasslike</u> | | |
| Reed canarygrass | <u>Phalaris arundinacea</u> | 2 |
| Streambank wheatgrass | <u>Elymus lanceolatus riparium</u> | 4 |
| **Nebraska sedge | <u>Carex nebrascensis</u> | |
| **Baltic rush | <u>Juncus balticus</u> | |

Shrubs

**Coyote pillow
Skunkbush sumac

Salix exqua
Rhus trilobata var. trilobata
Total

2
8

Trees

** Narrowleaf cottonwood *Populus augustifolia*

* Seeding rate is listed as pounds per acre of pure live seed (PLS) drilled. Rate is increased by 50 percent if broadcast seeded.

Formula: pure live seed (PLS) = %seed purity x %seed germination.

** Sedge and rush root mass plugs, willow cuttings and cottonwood bare stock plantings will be done in the spring, within one month after water flows, when the riparian water table and soil moisture will ensure planting success.

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 08/28/1998

| |
|--------------------------------|
| API NO. ASSIGNED: 43-015-30341 |
|--------------------------------|

WELL NAME: Utah USA 4-280
 OPERATOR: RIVER GAS CORPORATION (N1605)
 CONTACT: Don Hamilton (435) 637-8876

AMENDED

PROPOSED LOCATION:
 SENW 04 - T16S - R09E
 SURFACE: 2087-FNL-1627-FWL
 BOTTOM: 2087-FNL-1627-FWL
 EMERY COUNTY
 WILDCAT FIELD (001)

| | | |
|------------------------|------------|---------|
| INSPECT LOCATN BY: / / | | |
| TECH REVIEW | Initials | Date |
| Engineering | <i>RSK</i> | 6-10-99 |
| Geology | | |
| Surface | | |

LEASE TYPE: ~~FED~~ STA
 LEASE NUMBER: ~~UTU 72624~~ ML-48219
 SURFACE OWNER: Federal State (per Oper. 2-19-99)

PROPOSED FORMATION: FRSD

RECEIVED AND/OR REVIEWED:

Plat
 Bond: Federal State Fee
 (No. 5201604 579333)

Potash (Y/N)
 Oil Shale (Y/N) *190-5(B)
 Water Permit
 (No. PRWID / City of Price)

RDCC Review (Y/N)
 (Date: _____)

Fee Surf Agreement (Y/N)

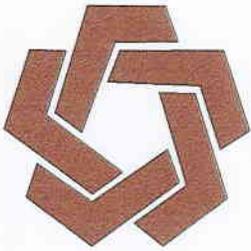
LOCATION AND SITING:

R649-2-3. Unit Drunkards Wash
 R649-3-2. General
 R649-3-3. Exception

Drilling Unit
 Board Cause No: 243-1 (160')
 Date: 10-13-98

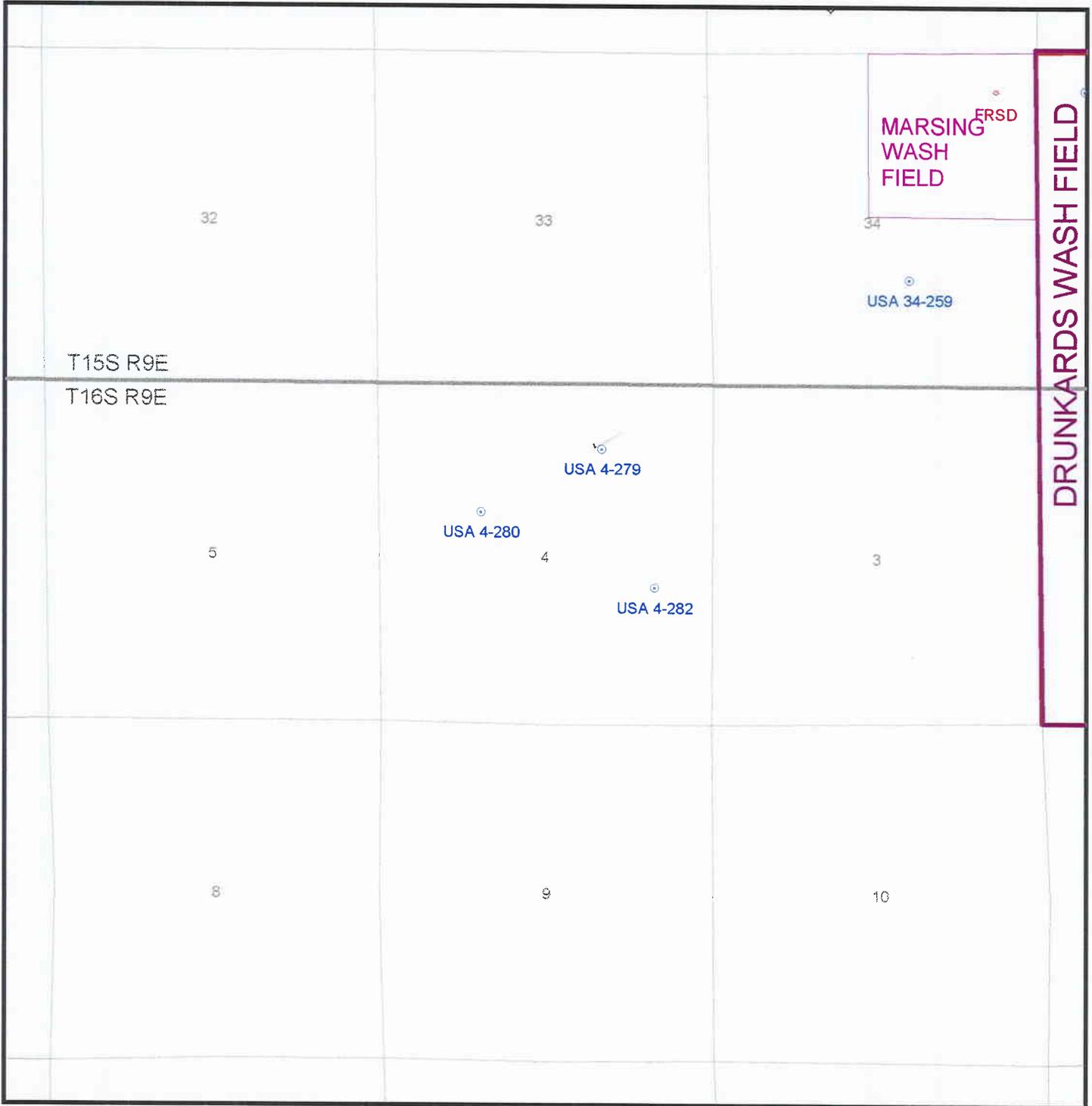
COMMENTS: * Need add'l info. "Except. Loc." (Rec'd 3-11-99) & (4-1-99) Corrected Reg.
* Need Presite. (Conducted 6-7-99)
* See also 1999 Dev. Program / Land Exchange, sep. file.

STIPULATIONS: ① Conductor & Surface casing shall be cemented to surface
 ② STATEMENT OF BASIS
 ③ SITLA "RAPTOR" STIPULATIONS



DIVISION OF OIL, GAS & MINING

OPERATOR: RIVER GAS CORP (N1605)
FIELD: WILDCAT (001)
SEC. 4, TWP 16S, RNG 9E
COUNTY: EMERY



DATE PREPARED:
~~1-SEP-1998~~
2-16-99

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: UTU 72624 |
| 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: 2087' FNL, 1627' FWL | | 8. Well Name and Number: Utah 4-280 |
| QQ, Sec., T., R., M.: SE/4, NW/4, SEC. 04, T16S, R9E, SLB&M | | 9. API Well Number: |
| | | 10. Field or Pool, or Wildcat: Undesignated |
| | | County: EMERY |
| | | State: UTAH |

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

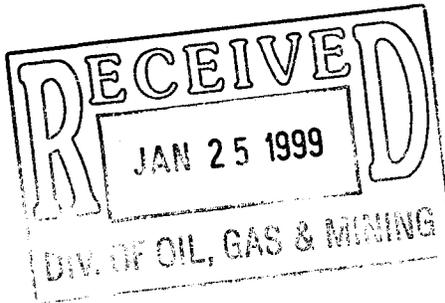
| NOTICE OF INTENT (Submit in Duplicate) | SUBSEQUENT REPORT (Submit Original Form Only) |
|---|---|
| <input type="checkbox"/> Abandon <input type="checkbox"/> Repair Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Fracture Treat 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>Name Change</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.)

Notice of Well Name Change from the USA 04-280 to the Utah 04-280 and lease change from Federal to State due to the recent Land Exchange.

ORIGINAL

CONFIDENTIAL



13. Name & Signature: Dawn J. Wilson Title: Administrative Asst. Date: 1/18/99

(This space for state use only)

River Gas Corporation

1305 South 100 East
Price, Utah 84501-9637
(435) 637-8876
(435) 637-8924

RGC

To: Lisha Cordova From: Don Hamilton
Fax: 1-801-359-3940 Pages: 2
Phone: _____ Date: 3-2-99
Re: Updated Land Swap Leases CC: _____

Urgent

For Your Review

FYI

Please Reply

Please Recycle

From the Desk of.....

Don S. Hamilton -

Permit Specialist

FEDERAL LEASES INVOLVED IN THE TRANSFER FROM FED. TO STATE

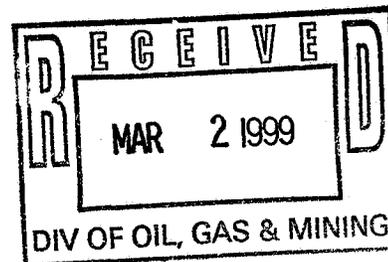
UTU#16172 - NEW ML#48174 - RGC L#UT001-095
UTU#49631 - NEW ML#48177 - RGC L#UT001-007FO
UTU#49931 - NEW ML#48178 - RGC L#UT001-026FO
UTU#50846 - NEW ML#48179 - RGC L#UT001-030FO
UTU#50941 - NEW ML#48180 - RGC L#UT001-033FO
UTU#51584 - NEW ML#48181 - RGC L#UT001-099FO
UTU#53872 - NEW ML#48182 - RGC L#UT001-135FO

UTU#60925 - NEW ML#48185 - RGC L#UT001-062AFO - 40.00 ACRES TRANSFERRED
UTU#60925 - NO NEW ML# - RGC L#UT001-062FO - 40.00 ACRES REMAIN

UTU#81154 - NEW ML#48186 - RGC L#UT001-071AFO - 640.00 ACRES TRANSFERRED
UTU#81154 - NO NEW ML# - RGC L#UT001-071FO - 4189.08 ACRES REMAIN

UTU#81155 - NEW ML#48187 - RGC L#UT001-070AFO - 632.58 ACRES TRANSFERRED
UTU#81155 - NO NEW ML# - RGC L#UT001-070FO - 1739.64 ACRES REMAIN

UTU#81156 - NEW ML#48188 - RGC L#UT001-073FO
UTU#62623 - NEW ML#48189 - RGC L#UT001-0103FO
UTU#65298 - NEW ML#48189 - RGC L#UT001-0124FO
UTU#65297 - NEW ML#48197 - RGC L#UT001-0125FO
UTU#65301 - NEW ML#48198 - RGC L#UT001-0128FO
UTU#65946 - NEW ML#48200 - RGC L#UT001-0133FO
UTU#68543 - NEW ML#48203 - RGC L#UT001-0022
UTU#69450 - NEW ML#48204 - RGC L#UT001-0028
UTU#69451 - NEW ML#48205 - RGC L#UT001-070
UTU#69452 - NEW ML#48206 - RGC L#UT001-0029
UTU#69453 - NEW ML#48207 - RGC L#UT001-0030
UTU#69454 - NEW ML#48208 - RGC L#UT001-071
UTU#72005 - NEW ML#48236 - RGC L#UT001-0230
UTU#72351 - NEW ML#48213 - RGC L#UT001-036
UTU#72378 - NEW ML#48215 - RGC L#UT001-041
UTU#72820 - NEW ML#48217 - RGC L#UT001-077
UTU#72824 - NEW ML#48219 - RGC L#UT001-076
UTU#72825 - NEW ML#48220 - RGC L#UT001-079
UTU#73003 - NEW ML#48222 - RGC L#UT001-093
UTU#73657 - NEW ML#48225 - RGC L#UT001-0201
UTU#73876 - NEW ML#48227 - RGC L#UT001-0152
UTU#75017 - NEW ML#48231 - RGC L#UT001-0124AFO
UTU#76333 - NEW ML#48233 - RGC L#UT001-0032A
UTU#77350 - NEW ML#48234 - RGC L#UT001-0125AFO
UTU#77352 - NEW ML#48235 - RGC L#UT001-093A



RGC

RIVER GAS CORPORATION

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

ORIGINAL

CONFIDENTIAL

February 25, 1999

Mr. John Baza
Associate Director
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84114-5801

RE: Exception location -- Utah 04-280, Section 4, T16S, R9E, SLB&M
Emery County, Utah

Dear Mr. Baza:

Please accept this letter as River Gas Corporation's (RGC's) request that this proposed well be approved as an exception location in accordance with Utah Administrative Code § R649-3-3 for topographical reasons. This proposed well site does not conform with the cause No. 243-1 160 acre spacing order that affects the subject NW/4.

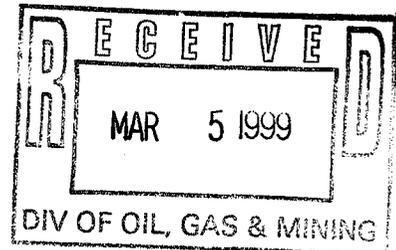
RGC's Land Department will send your office an affidavit describing the owners within a 460 foot radius of the well. Thank you for your timely consideration of this request, please feel free to contact me if you have any questions or need additional information.

Sincerely yours,

Don S. Hamilton

Don S. Hamilton
Permitting Specialist

cc: Tammie Butts, RGC
Joey Stephenson, RGC
RGC well file

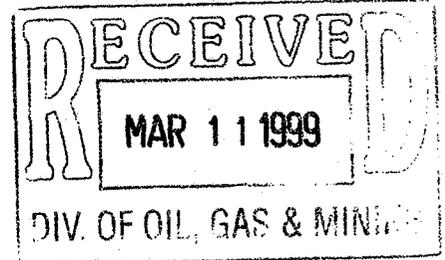




RIVER GAS CORPORATION

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

March 10, 1999



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: Affidavits Regarding Exception Location Request

Dear Mr. Baza:

Enclosed is the original of the *Affidavit Regarding Exception Location Request* for numerous proposed wellsites in which APD's have previously been filed. Included with each request is a duplicate copy of a previously submitted letter request for exception location and a survey plat for each proposed wellsite.

Thank you very much for your timely consideration of these requests. Please feel free to contact me if you have any questions or require additional information.

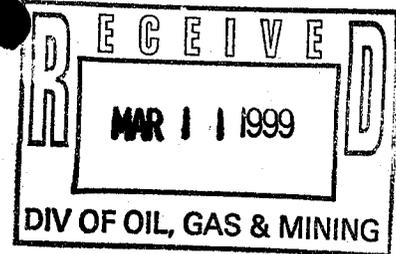
Sincerely,

Don S. Hamilton

Don S. Hamilton
Permit Specialist

cc: Mr. Joey Stephenson, River Gas Corporation
Mrs. Tammie Butts, River Gas Corporation
RGC Well Files

STATE OF ALABAMA)
) : ss.
COUNTY OF TUSCALOOSA)



AFFIDAVIT REGARDING EXCEPTION LOCATION REQUEST

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

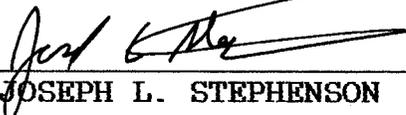
1. I am Vice President - Land of River Gas Corporation ("RGC"), an Alabama corporation duly authorized to transact business in the State of Utah, and am authorized to execute this Affidavit on behalf of said corporation.

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

3. RGC proposes to drill a well named the Utah 4-280 on land owned by the State of Utah in the NW1/4 of Section 4, T16S, R9E, SLM, Emery County, Utah. The well, and a 460' radius around said well, is on State lease ML-48219 (formerly UTU-72624). RGC is the operator for this proposed well and is authorized to seek a request from the Division of Oil, Gas and Mining to approve an exception location in accordance with Utah Administrative Code § R649-3-3.

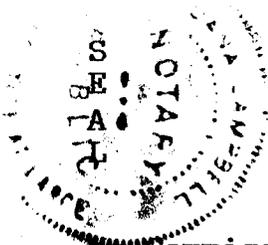
4. The matters stated herein are true of my own knowledge, except to any matters stated herein upon information and belief, and, as to those matters, I believe them to be true.

DATED this 8th day of March, 1999.

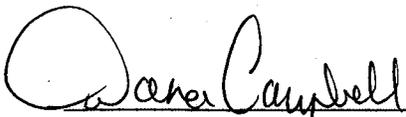


JOSEPH L. STEPHENSON

Subscribed, sworn and acknowledged to and by Joseph L. Stephenson before me this 8th day of March, 1999.



My Commission Expires:
March 9, 2002



NOTARY PUBLIC
Dana Campbell
Residing at:
6231 Hibiscus Lane
Northport, AL 35473

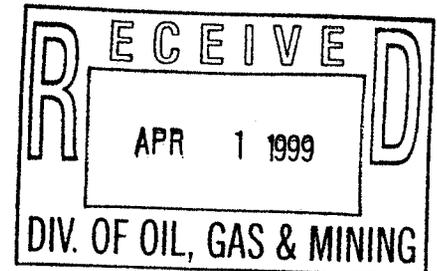
GEO SCOUT LAND & TITLE COMPANY

P.O. BOX 11126 • SALT LAKE CITY, UTAH 84147 • (801) 364-7773

April 1, 1999

HAND DELIVERED

Mr. John Baza, Associate Director, Oil & Gas
Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84180



Re: *River Gas Corporation*
Utah 4-280 Well Exception Location
Section 4, Township 16 South, Range 9 East, SLM
Emery County, Utah
API No. 43-015-30341

Dear Mr. Baza:

Reference is made to the pending application for permit to drill ("APD") for the captioned well filed by our client, River Gas Corporation ("RGC"). As you may recall, the well was originally to be drilled on Federal Lease UTU-72624. The APD was filed by RGC in September, 1998. In the interim, the lands were transferred to the State of Utah as part of the Land Exchange Act of 1998. SITLA has redesignated the lease as ML-48219.

The lands on which this well is proposed to be located are currently subject to the Board's Order entered in Cause No. 243-1. Under that Order, drilling units of 160 acres were created and no well may be drilled closer than 660 feet from a unit boundary without an exception location. The captioned well is to be drilled at a location 2,087' FNL and 1,627' FWL in the SE $\frac{1}{4}$ NW $\frac{1}{4}$ of Section 4. The distance from the well to the southern boundary of the unit comprised of Lots 3 and 4 and the S $\frac{1}{2}$ NW $\frac{1}{4}$ [NW $\frac{1}{4}$] (as created under the Order in Cause No. 243-1) is less than 660 feet. The well cannot be located further north due to topographical restraints. As a consequence, an exception location under Utah Admin. Code Rule R649-3-3-1.3 is required.

Mr. John Baza, Associate Director, Oil & Gas

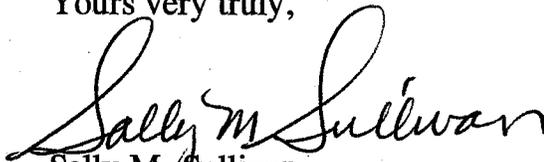
April 1, 1999

Page 2

Because the proposed location is south of the 660 foot boundary allowed under the Order, the only "offsetting" drilling unit affected by the required exception location is the SW $\frac{1}{4}$ of Section 4. As shown by the enclosed Affidavit, the "owners" within the SW $\frac{1}{4}$ of Section 4 are RGC and Texaco Exploration and Production Inc. ("TEXEP"). RGC, by virtue of its application for the well, and TEXEP, by virtue of the enclosed Consent, have approved the exception location. With the information provided with this letter and contained in your file for the pending APD, all requirements for approval of an exception location have been satisfied. Your prompt approval is therefore requested.

If you have any further questions or concerns regarding this application, please do not hesitate to contact either me or Fred MacDonald at Pruitt, Gushee & Bachtell (801) 531-8446. On behalf of RGC, I thank you for your immediate attention to this matter.

Yours very truly,


Sally M. Sullivan

SMS:se

1526.167

Enclosures

cc: Joseph L. Stephenson

CONSENT TO EXCEPTION LOCATION

TEXACO EXPLORATION AND PRODUCTION INC., P.O. Box 2100, Denver, CO 80201, an "owner" (as that term is utilized in Utah Admin. Code Rule R649-3-3) within the SW¼ of Section 4, Township 16 South, Range 9 East, SLM, the offsetting drilling unit under the Order entered in Cause No. 243-1 to the Utah 04-280 well proposed by River Gas Corporation, hereby consents to the requested exception location of that well as shown on the attached application for permit to drill.

DATED this 31 day of MARCH, 1999.

TEXACO EXPLORATION AND PRODUCTION INC.

By: Chuck Snure
Chuck Snure, Land Representative

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO.
UTU 72624 ML-48219

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

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

1a. TYPE OF WORK

DRILL DEEPEN

7. UNIT AGREEMENT NAME
N/A

b. TYPE OF WELL

OIL WELL GAS WELL OTHER
SINGLE ZONE MULTIPLE ZONE

8. FARM OR LEASE NAME, WELL NO.
USA 4-280

2. NAME OF OPERATOR

RIVER GAS CORPORATION

9. APT WELL NO.

3. ADDRESS AND TELEPHONE NO.

1305 So. 100 E. Price, Utah 84501 (801) 637-8876

10. FIELD AND POOL, OR WILDCAT
Undesignated

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

At surface 2087' FNL, 1627' FWL

At proposed prod. zone 136' 496'

CONFIDENTIAL

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SE/4, NW/4, Sec. 4, T16S, R9E, SLB&M

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

11.3 miles southwest of Price

12. COUNTY OR PARISH
Emery

13. STATE
UTAH

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

1627'

16. NO. OF ACRES IN LEASE

2558.72 acres

17. NO. OF ACRES ASSIGNED TO THIS WELL

160 acres

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

2310'

19. PROPOSED DEPTH

3355'

20. ROTARY OR CABLE TOOLS

Rotary

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

6123' GR

22. APPROX. DATE WORK WILL START*
February 1999

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" | 8-5/8" | 24 #/ft | 336' | 137 sks. G+2% S-1+1/4# per sack D-29 flocel |
| 7- 7/8" | 5-1/2" | 17 #/ft | 3355' | 306 sks 50/50 poz +8% gel+2%CaCl+10%extender. 75 sks "G" thixotropic |

RECEIVED
APR 1 1999
DIV. OF OIL, GAS & MINING

RECEIVED
AUG 28 1998
DIV. OF OIL, GAS & MINING

506 7.11.15
4366 067.34

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

SIGNED Don S. Hamilton TITLE Permit Specialist

DATE 8/27/98

(This space for Federal or State office use)

PERMIT NO. 43-015-30341 APPROVAL DATE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. CONDITIONS OF APPROVAL, IF ANY:

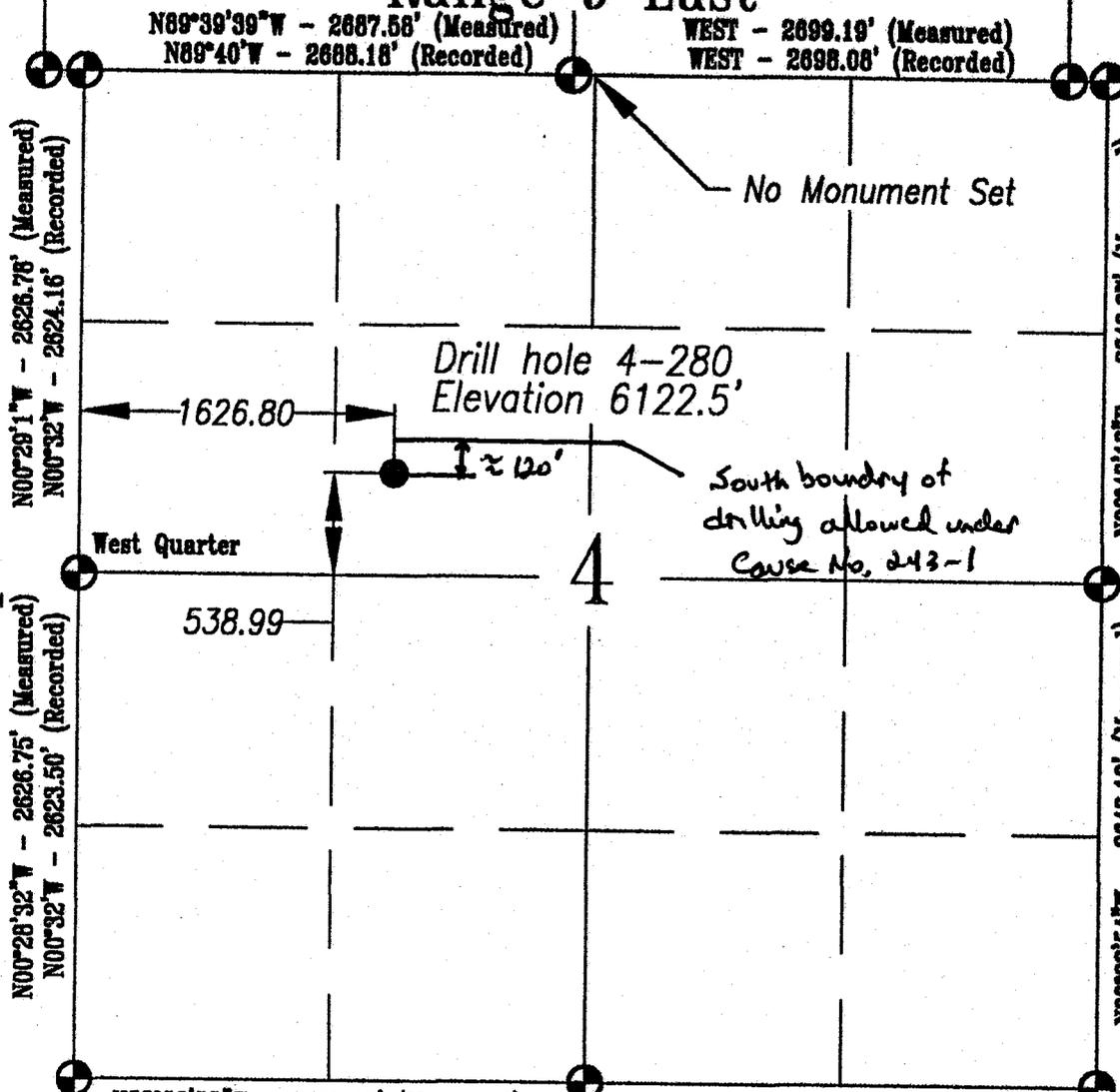
APPROVED BY _____ TITLE _____ DATE _____

*See Instructions On Reverse Side

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

Township 16 South

Range 9 East

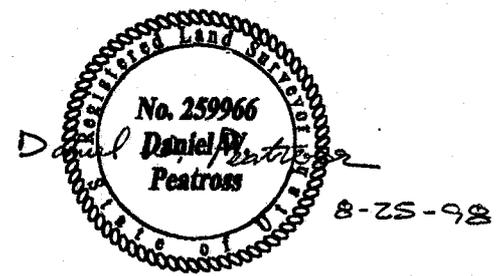


Basis of Bearing:
 Basis of Bearing West Recorded between the SE Corner and the South quarter Corner of Section 33, Township 15 South, Range 9 East, Salt Lake Base & Meridian.

Basis Of Elevation:
 Basis of Elevation of 6050' as indicated in the NE Corner of Section 34, Township 15 South, Range 9 East, Salt Lake Base and Meridian, as shown on the Poison Spring Bench Quadrangle 7.5 Minute Series Map.

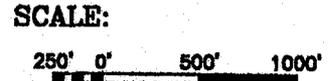
Description of Location:
 Proposed Drill Hole located in the SE 1/4 NW 1/4 of Section 4; 538.99' North and 1626.80' East from the West quarter corner of Section 4, T16S, R9E, Salt Lake Base & Meridian.

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.



LEGEND:

- Drill Hole Location
- ⊕ Found Section Corner Monumented w/ Brass Cap unless indicated otherwise.
- Section Corner searched for but not found



| | |
|---------------------------------|---|
| DRAWN BY D. ROBERTSON | |
| CHECKED BY L.W.J. | |
| DATE 8/24/98 | 3200 South 125 West P.O. Box 24501 Provo, Utah 84601 (801) 637-8300 FAX (801) 637-2533 |
| SCALE 1"=1000' | Section River Gas Corporation Well# 4-280 Section 4, T16S, R9E, S.L.B.&M. Emery County, Utah |
| SHEET NO. 422 | |
| DRAWING NO. A-1 | |
| SHEET 1 of 4 | |

ON-SITE PREDRILL EVALUATION

Division of Oil, Gas and Mining

OPERATOR: River Gas Corporation

WELL NAME & NUMBER: Utah 4-280

API NUMBER: 43-007-30341

LEASE: State FIELD/UNIT: Undesignated

LOCATION: 1/4,1/4 SENW Sec: 4 TWP: 16S RNG: 9E ²⁰⁸⁷ ~~2078~~ FNL 1627 FWL

LEGAL WELL SITING: 600 F SEC. LINE; 660 F 1/4, 1/4 LINE; 1320 F ANOTHER WELL.

GPS COORD (UTM): X =506,741E; Y =4,368,067N

SURFACE OWNER: State

PARTICIPANTS

K. Michael Hebertson (DOGM), D. Hamilton (RGC), C. Anderson (RGC),
G. Vasquez (RGC), Chris Colt (DWR) L. Jensen (NELCO) Bryant Anderson
Emery County

REGIONAL/LOCAL SETTING & TOPOGRAPHY

Western margin of Colorado Plateau/~7.5 miles east of Wasatch Plateau
and ~250' south of 300' cliffs of a lower bench. Location is in
bottomland drainage about 50' above the streambed of the eastward
flowing Washboard Wash. Below Poison Spring Bench on alluvial
sediments which cover the westward dipping Blue Gate Mbr. of the
Mancos Shale. The pad is on open ground in a canyon containing
erosional remnants of pediments topped by Quaternary/Tertiary pediment
mantle.

SURFACE USE PLAN

CURRENT SURFACE USE: Grazing and wildlife habitat.

PROPOSED SURFACE DISTURBANCE: 215' X 175' pad with 50' X 50' X 10'
attached pit on the southeast corner and ~2,300' approach road which
accesses the location from the northeast.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: 4 active wells have
been drilled and completed within a mile of this location. The Utah
33-275, Utah 4-279, Utah 4-282, & Utah 3-284, and 3 unapproved
drilling locations.

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: these facilities
exist at the 4 productive locations listed above

SOURCE OF CONSTRUCTION MATERIAL: gravel location and approach road; soil stored in berm. The gravel will be acquired from a commercial source.

ANCILLARY FACILITIES: none

WASTE MANAGEMENT PLAN:

Portable toilets; garbage cans on location will be emptied into centralized dumpsters which will be emptied into an approved landfill.
ENVIRONMENTAL PARAMETERS

AFFECTED FLOODPLAINS AND/OR WETLANDS: none - location is ~3 miles south of Miller Creek, ~15 miles west of Price River and ~10 miles northwest of standing water at Desert Lake WMA. Coyote Springs 3/4 mile south and Washboard Wash is 300' south of the location.

FLORA/FAUNA: sagebrush, grass, rabbitbrush, / birds, lizards, coyotes, rodents, raptors, elk, deer (critical winter range), reptiles

SOIL TYPE AND CHARACTERISTICS: Silty, clayey, poorly-permeable soil developed on alluvium and slopewash covering the Blue Gate Shale Member of the Mancos Shale.

SURFACE FORMATION & CHARACTERISTICS: Blue Gate Shale Member of the Mancos Shale, above Garley Canyon Beds, light gray, bentonitic shale and sandstone ledges.

EROSION/SEDIMENTATION/STABILITY: stable

PALEONTOLOGICAL POTENTIAL: None observed

RESERVE PIT

CHARACTERISTICS: Dugout, earthen pit, as above.

LINER REQUIREMENTS (Site Ranking Form attached): Synthetic Liner required

SURFACE RESTORATION/RECLAMATION PLAN

No SITLA Surface Agreement yet!

SURFACE AGREEMENT: **No SITLA Surface Agreement yet!**

CULTURAL RESOURCES/ARCHAEOLOGY: not done

OTHER OBSERVATIONS/COMMENTS

2% grade on access road switchback over saddle. Several raptor nests are adjacent to this location and became the matter of discussion concerning the practicality of the locations placement. When the BLM

conducted this presite the previous year there was one nest just
outside the ¼ mile limit. The same has turned out to be true this
year. 6-8 culverts will be required to build the road to location
and the pit will be placed on the south side of the location even
though it is on the downhill side, otherwise the rig would be on fill
material, which could be unstable.

ATTACHMENTS:

4 photographs taken.

K, Michael Hebertson
DOGM REPRESENTATIVE

7/June/1999/ 10:00 AM
DATE/TIME

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

| <u>Site-Specific Factors</u> | <u>Ranking</u> | <u>Site Ranking</u> |
|---|----------------|---------------------|
| Distance to Groundwater (feet) | | |
| >200 | 0 | |
| 100 to 200 | 5 | |
| 75 to 100 | 10 | |
| 25 to 75 | 15 | |
| <25 or recharge area | 20 | <u>0</u> |
| Distance to Surf. Water (feet) | | |
| >1000 | 0 | |
| 300 to 1000 | 2 | |
| 200 to 300 | 10 | |
| 100 to 200 | 15 | |
| < 100 | 20 | <u>10</u> |
| Distance to Nearest Municipal Well (feet) | | |
| >5280 | 0 | |
| 1320 to 5280 | 5 | |
| 500 to 1320 | 10 | |
| <500 | 20 | <u>0</u> |
| Distance to Other Wells (feet) | | |
| >1320 | 0 | |
| 300 to 1320 | 10 | |
| <300 | 20 | <u>0</u> |
| Native Soil Type | | |
| Low permeability | 0 | |
| Mod. permeability | 10 | |
| High permeability | 20 | <u>10</u> |
| Fluid Type | | |
| Air/mist | 0 | |
| Fresh Water | 5 | |
| TDS >5000 and <10000 | 10 | |
| TDS >10000 or Oil Base Mud Fluid | 15 | |
| containing significant levels of hazardous constituents | 20 | <u>0</u> |
| Drill Cuttings | | |
| Normal Rock | 0 | |
| Salt or detrimental | 10 | <u>0</u> |
| Annual Precipitation (inches) | | |
| <10 | 0 | |
| 10 to 20 | 5 | |
| >20 | 10 | <u>5</u> |
| Affected Populations | | |
| <10 | 0 | |
| 10 to 30 | 6 | |
| 30 to 50 | 8 | |
| >50 | 10 | <u>0</u> |
| Presence of Nearby Utility Conduits | | |
| Not Present | 0 | |
| Unknown | 10 | |
| Present | 15 | <u>0</u> |

Final Score

25

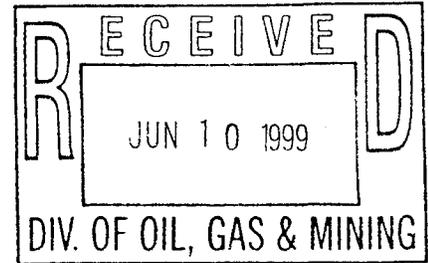
(Level III Sensitivity)



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF WILDLIFE RESOURCES

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
John Kimball
Division Director

Southeastern Region
475 West Price River Drive, Suite C
Price, Utah 84501-2860
801-636-0260
801-637-7361 (Fax)



Onsite Inspections
7-8 June, 1999

River Gas

4-280 **We request that this well not be drilled until June 30** due to an active Golden Eagle nest (99_107) ½ mile from the proposed drill location. Based on the data collected at the nest during the 1999 raptor survey, the eaglets at this nest will have fledged by June 30th. The other 3 nests within ½ mile of the drill site have not been active within the last 3 years and are not of concern for construction of this well.

8-356 No additional wildlife concerns.

8-357 No additional wildlife concerns.

33-273 This site is within the critical big game winter range.
No other wildlife concerns.

33-274 This site is within the critical big game winter range.
No other wildlife concerns.

28-320 This site is within the critical big game winter range.
No other wildlife concerns.

28-321 This site is within the critical big game winter range.
This well was moved ~175' north to preserve a sagebrush meadow.

Energy Hunters/Energy Investors LLC

SESE Sec 32 T14S R12E No wildlife concerns

C: Don Hamilton - River Gas Corp
Chris Kierst - DOGM

**DIVISION OF OIL, GAS AND MINING
APPLICATION FOR PERMIT TO DRILL
STATEMENT OF BASIS**

Operator Name: River Gas Corporation

Name & Number: Utah 8-280

API Number: 43-007-30341

Location: 1/4, 1/4 SENW Sec. 4 T. 16S R. 9E

Geology/Ground Water:

There are no aquifers with high quality ground water expected to be encountered. There are 4 diversions recorded within a mile of the location, all belong to SITLA and do not appear active at This time. Coyote Spring appears to emerge from the base of the Quarternary /Tertiary Pediment Mantle exposed at the base of the Emery Sandstone Member of the Mancos Shale ~3/4 mile south. The proposed casing and cement will adequately isolate any zones of water penetrated and protect the waters flowing in washboard wash just to the south of the location.

Reviewer: K. Michael Hebertson **Date:** 10 /June /1999

Surface:

A discussion of the spring located in section 9 SWSW, (Coyote Spring) was undertaken. The current report concerning this spring is that it is not active and has not been for several decades. At one time the BLM attempted to develop this spring for stock watering. In the past year. The results of the raptor survey and other requests of the Division of Wildlife Resources is Attached as part of this evaluation. The reserve pit for this location is on the south towards Washboard Wash which causes some concern. However to place the pit on any other side will put the drilling rig on fill material which is not desirable. The access road crosses several gullies and washes none of which are deeper than 10' and the grades will be kept to 2% at these crossings.

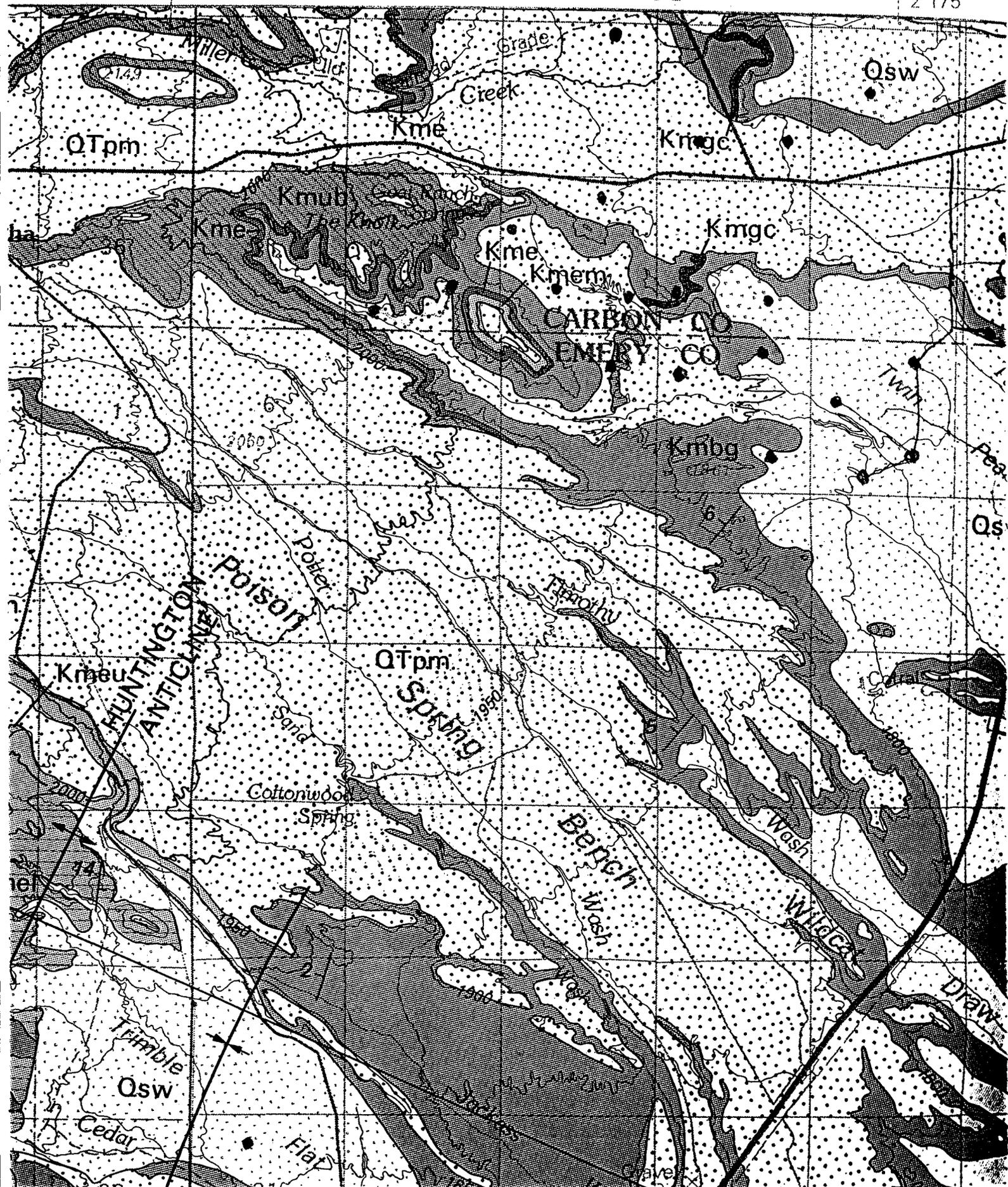
Reviewer: K. Michael Hebertson **Date:** 10/June /1999

Conditions of Approval/Application for Permit to Drill:

1. Culverts sufficient to manage expected runoff shall be installed in drainages which require them.
2. The location and pit is to be bermed.
3. A synthetic pit liner is required.
4. No construction will take place until after June 30 as a consideration for Raptors.
5. No construction or drilling will take place between November 15 and April 15

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

R 8 E 2 150 R 9 E 2 175



30

29

28

27

*UTAH 32-82

⊙UTAH 33-272

⊙UTAH 34-270

*UTAH

31

32

UTAH 4-280

33

34

⊙UTAH 32-277

⊙UTAH 33-274

⊙UTAH 33-275

⊙UTAH 34-271

*UTAH 34-259

15S R9E

⊙UTAH 32-276

COMPLETED

16S R9E

*UTAH 3-283

⊙UTAH 04-279

⊙UTAH 03-284

6

UTAH 8-355

5

⊙UTAH 4-280

4

3

⊙UTAH 4-282

*UTAH 03-286

UTAH 8-356

UTAH 8-357

7

⊙UTAH 08-355

8

9

⊙UTAH 08-356

⊙UTAH 08-357

10

⊙USA 10-

DRUNKARDS WASH UNIT

18

17

16

15

*UTAH 16-110

⊙

UTAH DIVISION OF WATER RIGHTS
NWPLAT POINT OF DIVERSION LOCATION PRO

| MAP CHAR | WATER RIGHT | CFS | QUANTITY AND/OR | AC-FT | SOURCE DESCRIPTION or WELL INFO DIAMETER DEPTH YEAR LOG | POIN NORTH |
|-------------|----------------|-------|---|-------|--|---------------|
| 0 | <u>91 3165</u> | .0000 | | .00 | Washboard Wash | |
| | | | WATER USE(S): STOCKWATERING State of Utah School & Institutional Tru 675 East 500 South, Suite 500 | | | |
| 1 | <u>91 3166</u> | .0000 | | .00 | Washboard Wash | |
| | | | WATER USE(S): STOCKWATERING State of Utah School & Institutional Tru 675 East 500 South, Suite 500 | | | |
| 2 | <u>91 3165</u> | .0000 | | .00 | Washboard Wash | |
| | | | WATER USE(S): STOCKWATERING State of Utah School & Institutional Tru 675 East 500 South, Suite 500 | | | |
| 3 | <u>91 4514</u> | .0150 | | .00 | Coyote Spring | |
| | | | WATER USE(S): STOCKWATERING OTHER State of Utah School & Institutional Tru 675 East 500 South, Suite 500 | | | |

| | | | |
|--------------|-------------------------|-------------|--------------|
| Well name: | 699 RGC UT 4-280 | | |
| Operator: | River Gas Corp. | Project ID: | 43-015-30341 |
| String type: | Surface | | |
| Location: | Emery County | | |

Design parameters:

Collapse

Mud weight: 9,500 ppg
 Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
 Surface temperature: 75 °F
 Bottom hole temperature: 80 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 336 ft

Cement top: Surface

Burst

Max anticipated surface pressure: 20 psi
 Internal gradient: 0.433 psi/ft
 Calculated BHP 166 psi

No backup mud specified.

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)

Tension is based on buoyed weight.
 Neutral point: 288 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 7,500 ft
 Next mud weight: 8,330 ppg
 Next setting BHP: 3,245 psi
 Fracture mud wt: 19,250 ppg
 Fracture depth: 3,865 ft
 Injection pressure 3,865 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 | 336 | 8.625 | 24.00 | J-55 | ST&C | 336 | 336 | 7.972 | 16.2 |
| 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 | 166 | 1370 | 8.26 | 166 | 2950 | 17.79 | 7 | 244 | 35.29 J |

Prepared RJK
 by: Utah Dept. of Natural Resources

Date: June 10, 1999
 Salt Lake City, Utah

ENGINEERING 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 336 ft, a mud weight of 9.5 ppg The casing is considered to be evacuated for collapse purposes.
 Burst strength is not adjusted for tension.

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

| | | |
|--------------|-------------------------|--------------|
| Well name: | 699 RGC UT 4-280 | |
| Operator: | River Gas Corp. | Project ID: |
| String type: | Production | 43-015-30341 |
| Location: | Emery County | |

Design parameters:

Collapse

Mud weight: 8.330 ppg
 Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 0 psi
 Internal gradient: 0.433 psi/ft
 Calculated BHP: 1,452 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor: 1.125

Burst:

Design factor: 1.00

Tension:

8 Round STC: 1.80 (J)
 8 Round LTC: 1.80 (J)
 Butress: 1.60 (J)
 Premium: 1.50 (J)
 Body yield: 1.50 (B)

Tension is based on buoyed weight.
 Neutral point: 2,931 ft

Environment:

H2S considered? No
 Surface temperature: 75 °F
 Bottom hole temperature: 122 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 368 ft
 Cement top: 846 ft

Non-directional string.

| 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 | 3355 | 5.5 | 17.00 | N-80 | LT&C | 3355 | 3355 | 4.767 | 115.6 |
| 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 | 1452 | 6290 | 4.33 | 1452 | 7740 | 5.33 | 50 | 348 | 6.98 J |

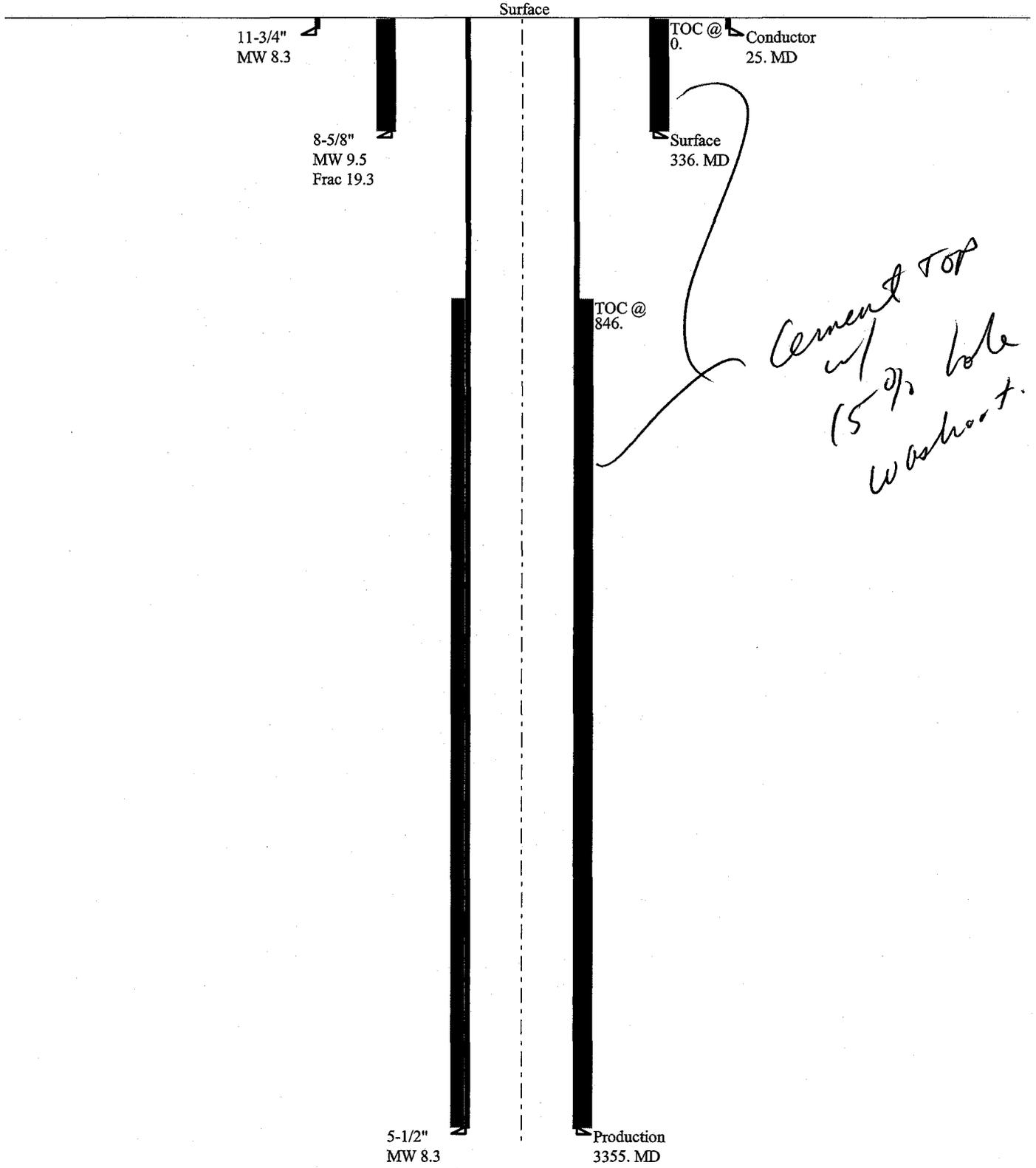
Prepared RJK
 by: Utah Dept. of Natural Resources

Date: June 10, 1999
 Salt Lake City, Utah

ENGINEERING 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 3355 ft, a mud weight of 8.33 ppg. The casing is considered to be evacuated for collapse purposes.
 Burst strength is not adjusted for tension.

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

699 RGC UT 4-280
Casing Schematic





RIVER GAS CORPORATION

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

July 28, 1999

Mr. John Baza
Associate Director
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84114-5801

RE: Wells pending approval that are in compliance with cause #243-2.

Dear Mr. Baza:

Please accept this letter as River Gas Corporation's (RGC's) request that the proposed wells listed on the attached page be approved in accordance with Cause Number 243-2. The proposed well sites listed are located further than 460' from the boundary of the Drunkards Wash Federal Unit and any uncommitted tract within the Drunkards Wash Federal Unit.

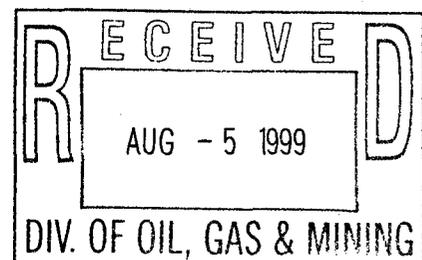
Thank you for your timely consideration of this request, please feel free to contact me if you have any questions or need additional information.

Sincerely yours,

Don S. Hamilton

Don S. Hamilton
Permitting Specialist

cc: Tammie Butts, RGC
Joey Stephenson, RGC
RGC well file



WELLS IN COMPLIANCE WITH CAUSE NUMBER 243-2

Utah 05-278
Utah 07-350
Utah 07-351
Utah 07-352
Utah 07-353
Utah 08-354
Utah 09-360
Utah 04-280
USA 13-91
USA 14-74
USA 20-399
USA 20-398
USA 12-385
USA 12-426
USA 11-324
USA 12-322
USA 13-327
USA 14-325



State of Utah

School and Institutional
TRUST LANDS ADMINISTRATION

Michael O. Leavitt
Governor

David T. Terry
Director

675 East 500 South, Suite 500
Salt Lake City, Utah 84102-2818
801-538-5100
801-355-0922 (Fax)
<http://www.trustlands.com>

November 11, 1999

Mr. Reed E. Harris, Field Supervisor
U.S. Fish and Wildlife Service
Utah Field Office
145 East 1300 South, Suite 404
Salt Lake City, UT 84102

Re: Proposal of River Gas Corporation
To Drill within ½ Mile Raptor Nest
Utah 4-280 Well
Drunkards Wash Project, Carbon County, Utah

Dear Mr. Harris:

River Gas Corporation has proposed to drill a well in the NW¼ of Section 4, Township 16 South, Range 9 East, known as the Utah 4-280 well. The proposed location is within ½ mile of five golden eagle nests. Four of the nests have been listed as old and dilapidated, as follows: nest 103 is approximately 1000 feet from the well and nest 104 is approximately 2400 feet from the well, nest 108 and 109 are both approximately 1800' from the well. The fifth, golden eagle nest number 107, was Active in 1999, Tended in 1998 and Active in 1997, and is approximately 2600' from the well location.

A field review of the well site shows that no raptor nests are within ¼ mile of the site, and the active nest within ½ mile is out of line of sight. The Utah Division of Wildlife Resources has agreed that the well could be drilled at this location with seasonal construction restrictions.

We propose approving the well to be drilled with the attached stipulations, including seasonal drilling restriction, seasonal workover restriction and post-drilling monitoring to ensure continued stability of the raptor population. We believe this decision would conform with the Price Coalbed Methane Project EIS and ROD, and the USFWS Utah Field Office Guidelines for Raptor Protection from Human and Land Use Disturbances.

Reed E. Harris
November 11, 1999
Page Two

If you believe we should consider other factors, please let us know by November 22, 1999; we intend to issue the permit promptly after that date. My direct number is (801) 538-5151. Thank you for your assistance in this matter.

Sincerely,

A handwritten signature in black ink, appearing to read "J. Cooper". The signature is written in a cursive style with a large initial "J" and "C".

James D. Cooper
Assistant Director

cc: David. T. Terry
Chris Colt. DWR
Brad Hill, DOGM
Randy Allen, RGC



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

Michael O. Leavitt
Governor

Kathleen Clarke
Executive Director

Lowell P. Braxton
Division Director

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)

November 22, 1999

River Gas Corporation
1305 South 100 East
Price, Utah 84501

Re: Utah 4-280 Well, 2087' FNL, 1627' FWL, SE NW, Sec. 4, T. 16 S., R. 9 E., Emery
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 43-015-30341.

Sincerely,

A handwritten signature in black ink that reads "John R. Baza".

John R. Baza
Associate Director

lwp

Enclosures

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

Operator: River Gas Corporation

Well Name & Number: Utah 4-280

API Number: 43-015-30341

Lease: State Surface Owner: State

Location: SE NW Sec. 4 T. 16 S. R. 9 E.

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

Notify the Division of the following actions during drilling of this well:

- . 24 hours prior to cementing or testing casing
- . 24 hours prior to testing blowout prevention equipment
- . 24 hours prior to spudding the well
- . within 24 hours of any emergency changes made to the approved drilling program
- . prior to commencing operations to plug and abandon the well

Division contacts (please leave a voice mail message if person is not available to take the call):

- . Dan Jarvis at (801) 538-5338
- . Robert Krueger at (801) 538-5274 (plugging)
- . Carol Daniels at (801) 538-5284 (spud)

3. Reporting Requirements

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

4. Surface and conductor casings shall be cemented to surface.
5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).
6. School and Institutional Trust Lands Administration-Oil and Gas Conditions of Approval. (attached)

SPUDDING INFORMATION

Name of Company: RIVER GAS CORPORATION

Well Name: UTAH 4-280

Api No. 43-015-30341 LEASE TYPE: STATE

Section 04 Township 16S Range 09E County EMERY

Drilling Contractor PENSE BROTHERS DRILLING RIG # 2

SPUDDED:

Date 08/22/2000

Time 2:00 PM

How DRY

Drilling will commence _____

Reported by FRANKIE HATHAWAY

Telephone # 1-435-613-9777

Date 08/25/2000 Signed: CHD

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

OPERATOR River Gas Corporation
 ADDRESS 6825 S. 6300 W. P.O. Box 851
Price, UT 84501

OPERATOR ACCT. NO. _____

| 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 | 12865 | 43-015-30341 | Utah 04-280 | SEnw | 04 | 16S | 09E | Emery | 8/24/00 | 7/1/99 |
| WELL 1 COMMENTS: <i>New single well, new spud outside PA but within Unit boundary</i> <i>8-31-00</i> | | | | | | | | | | | |
| A | 99999 | 12866 | 43-007-30625 | Utah 20-334 | NENw | 20 | 15S | 09E | Carbon | 8/27/00 | 7/1/99 |
| WELL 2 COMMENTS: <i>New single well, new spud outside PA but within Unit boundary</i> <i>8-31-00</i> | | | | | | | | | | | |
| A | 99999 | 12867 | 43-007-30599 | Utah 25-390 | SEnw | 25 | 14S | 08E | Carbon | 8/25/00 | 7/1/99 |
| WELL 3 COMMENTS: <i>New single well, new spud outside PA but within Unit boundary</i> | | | | | | | | | | | |
| WELL 4 COMMENTS: | | | | | | | | | | | |
| NN | | | | | | | | | | | |
| WELL 5 COMMENTS: | | | | | | | | | | | |

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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.

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AUG 31 2000

DIVISION OF OIL, GAS AND MINING

Frankie Hathaway *Frankie Hathaway*
 Signature

Administrative Assistant 8/29/2000

Title Date

Phone No. (435)613-9777

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

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| | |
|---|---|
| SUNDRY NOTICES AND REPORTS ON WELLS | 5. Lease Designation and Serial Number: ML-48219 |
| 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: Drunkards Wash UTU-67921X |
| 1. Type of Well: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER: <input type="checkbox"/> | 8. Well Name and Number: Utah 04-280 |
| 2. Name of Operator: River Gas Corporation | 9. API Well Number: 43-015-30341 |
| 3. Address and Telephone Number: 6825 S. 5300 W. P.O. Box 851 Price, Utah 84501 (435) 613-9777 | 10. Field or Pool, or Wildcat: Drunkards Wash |
| 4. Location of Well Footages: 2087' FNL, 1627' FWL County: Carbon County QQ, Sec., T., R., M.: SE/NW SEC. 04, T16S, 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 _____ | <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> |
| <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.)

Please be advised that the Utah 04-280 well was spud on 8/24/2000 at 2:00 pm.
Pense Brothers Rig #2
Dry Drill

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AUG 31 2000
DIVISION OF
OIL, GAS AND MINING

13. Name & Signature: Frankie Hathaway *Frankie Hathaway* Title: Administrative Assistant Date: 8/29/2000

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STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

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

4. Location of Well
Footages: 2087' FNL, 1627' FWL
QQ, Sec., T., R., M.: SE/NW SEC. 04, T16S, R09E, SLB & M

5. Lease Designation and Serial Number:
ML-48219

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

7. Unit Agreement Name:
N/A

8. Well Name and Number:
Utah 04-280

9. API Well Number:
43-015-30341

10. Field or Pool, or Wildcat:
Drunkards Wash

County: Emery County
State: Utah

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

NOTICE OF INTENT
(Submit in Duplicate)

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

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- Abandon *
- Repair Casing
- Change of Plans
- Convert to Injection
- Fracture Treat or Acidize
- Other Well 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.

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:

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DIVISION OF
OIL, GAS AND MINING

13. Name & Signature: Frankie Hathaway *Frankie Hathaway* Title: Administrative Assistant Date: 8/30/00

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DRUNKARDS WASH PROJECT DAILY WELL REPORT

Utah

04-280

API NO: 4301530341

2087' FNL, 1627' FWL

SENW SEC: 04 TWN: 16S RNG: 09E

COUNTY: Emery

ELEVATION: 6123

DRILLING CONTRACTOR: Pense Brothers Rig #2

SPUD TIME/DATE: 8/24/2000 2:00:00 PM

TD TIME/DATE: 8/26/2000 8:40:00 AM

TD DEPTH: 2985

ON-LINE TIME/DATE:

Bit Information

| Type | Size | In | Out | Hours | Rotating Hours |
|------------|---------|---------|---------|-------|----------------|
| Air Hammer | 15 in | 0.00 | 25.00 | 1 | 0.5 |
| Air Hammer | 11 in | 25.00 | 335.00 | 3 | 2 |
| Air Hammer | 7 7/8 | 335.00 | 2510.00 | 14 | 11.75 |
| Tri-cone | 7 7/8in | 2510.00 | 2985.00 | 20.5 | 5 |

Conductor Casing

Bore Hole Size: 15 in Conductor From: 0.00 To: 25.00

Casing Description: 12 3/4in PE Number of Joints: 1 Set @: 25.00

Cement: Amount:

Cement Report:

Surface Casing

Bore Hole Size: 11 in Surface Casing From: 25.00 To: 335.00

Casing Description: 8 5/8 in 24#/ft J-55 Number of Joints: 11 Set @: 325.70

Cement: G + 2%S-1 + 1/4#/sk D-29 Amount: 150.00

Cement Report: r/up dowell, safety meting, test lines, pump 30bbl h2o break circulation, mix & pump cement, displace w/ 18bbl h2o, close valve @ 8:30pm 8/24/00, 10bbl good cement to surface

Production Casing

Bore Hole Size: 7 7/8 in Prod.Casing From: 335.00 To: 2985.00

Casing Description: 5 1/2 in 17#/ft N-80 Number of Joints: 67 Length: 2949.00

Lead Cement: 50/50 POZ, 8%D20, 10%D44, 2%S001, 1/4#/sk D29 Amount: 270.00

Tail Cement: 10-1 RFC Amount: 75.00

Cement Report: r/up dowell , safety meeting, test lines, break circulation, mix & pump cement, drop plug, displace w/ 68bbl h2o, plug down @ 9:20pm 8/27/00, 5bbl good cement to surface,

Float Equipment: 5 1/2in float shoe Centralizers ran on: 2-5-9-13-& 21

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DIVISION OF
OIL, GAS AND MINING

Drilling Data

DAY 1 8/20/2000

CURRENT DEPTH: 0 CURRENT OPERATIONS: working on drive head ROTATING HRS: 0.00
7am-5:30pm no activity, 5:30pm-7am rig down repairs.

Estimated Daily Cost: [REDACTED]

DAY 2 8/21/2000

CURRENT DEPTH: 0 CURRENT OPERATIONS: working on rig ROTATING HRS: 0.00
7am-8pm work on rig, 8pm-7am no activity,

Estimated Daily Cost: [REDACTED]

DAY 3 8/22/2000

CURRENT DEPTH: 0 CURRENT OPERATIONS: waiting on parts ROTATING HRS: 0.00
7am-7am waiting on parts

Estimated Daily Cost: [REDACTED]

DAY 4 8/23/2000

CURRENT DEPTH: 0 CURRENT OPERATIONS: working on rig, ROTATING HRS: 0.00
7am-9pm working on rig, 9pm-7am no activity

Estimated Daily Cost: [REDACTED]

DAY 5 8/24/2000

CURRENT DEPTH: 0 CURRENT OPERATIONS: working on rig ROTATING HRS: 0.00
7am-9pm work on rig, 9pm-7am no activity

Estimated Daily Cost: [REDACTED]

DAY 6 8/25/2000

CURRENT DEPTH: 335 CURRENT OPERATIONS: drill out cement ROTATING HRS: 0.00
7am-1pm finish putting drivehead back together, 1pm-2pm r/up & service rig, 2pm-3pm spud @ 2pm 8/24/00, drill & set 25ft conductor pipe, 3pm-4pm n/up to drill 11in hole, 4pm-6pm drill 335ft 1in hole, 6pm-6:30pm clean hole & tooth, 6:30pm-7:30pm rih w/ 8 5/8in guide shoe + 11 jts 8 5/8in csg, set @ 325.7ft, 7:30pm-7:45pm r/up dowell, 7:45pm-8:30pm cement surface pipe, close valve @ 8:30pm 8/24/00, 10bbl good cement to surface, 8:30pm-1:30am woc, 1:30am-4:30am break loose & n/up bop & manifold, 4:30am-5:30am test bop, 5:30am-6am n/up to drill 7 7/8in hole, 6am-7am rih drill out cement

Estimated Daily Cost: [REDACTED]

DAY 7 8/26/2000

CURRENT DEPTH: 2805 CURRENT OPERATIONS: drilling @ 2805 ROTATING HRS: 15.2
7am-9am n/up repair blowie line, 9am-10am drilling 7 7/8in hole @ 500ft, 10am-2pm drill 500-1280ft, 2pm-6pm drill 1280-2000ft, 6pm-8:45pm drill 2000-2510ft, 8:45pm-9pm clean hole, 9pm-11pm tooth, 11pm-12am change bits tih w/ collars, 12am-2:45am rih w/ drill pipe, 2:45am-3:30am condition hole, 3:30am-5am drill 2510-2685ft, 5am-7am drill 2685-2805ft

Estimated Daily Cost: [REDACTED]

DAY 8 8/27/2000

CURRENT DEPTH: 2985 CURRENT OPERATIONS: moving off location, ROTATING HRS: 1.50
7am-8:40am drill to 2985 td @ 8:40am 8/26/00, 8:40am-9:45am clean hole, 9:45am-11am pooh to check valve, 11am-12:30pm mud up hole mix & pump 4 tubs mud 12:30pm-1:15pm circulate to bottom, 1:5pm-3:15pm circulate on bottom, 3:15pm-4pm short trip, 4pm-5pm circulate on bottom, 5pm-8pm tooth, 8pm-8:15pm r/up loggers, 8:15pm-11pm log well, 11pm-11:30pm r/down loggers, release rig @ 11:30pm 8/26/00, 11:30pm-7am r/down & prep to move,

Estimated Daily Cost: [REDACTED]

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Utah 04-280

SEP 05 2000

Page 2 of 3

DIVISION OF
OIL, GAS AND MINING

DAY 9 8/28/2000

CURRENT DEPTH: 2985 CURRENT OPERATIONS: making scraper run, ROTATING HRS: 0.00
7am-11am move to location, 11am-1pm r/up, set up pipe rack & catwalk, 1pm-2:30pm wait on csg,(trucks were delivering to another well), 2:30pm-3:45pm unload pipe, remove thread protectors,& tally, 3:45pm-5pm rih w/ float shoe + 67 jts 5 1/2in csg, held last jt out waiting on cementers (out of cement hauled in from vernal), 5pm-8:30pm wait on cementers, 8:30pm-9:20pm cement longstring, plug down @ 9:20pm 8/27/00, 5bbl good cement to surface, 9:20pm-10pm r/down dowell, sdfn

Estimated Daily Cost: [REDACTED]

DAY 10 8/30/2000

CURRENT DEPTH: 2985 CURRENT OPERATIONS: none ROTATING HRS: 0.00
talley pipe picked up 95 jts. & 4 1/2 scraper, Tagged @ 2948, tripped out laying down, rigged down & moved off location.

Estimated Daily Cost: [REDACTED]

Cum. Estimated Daily Cost: [REDACTED]

Frac Data

Completion Data

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**DIVISION OF
OIL, GAS AND MINING**

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

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SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial Number:
ML-48219

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

7. Unit Agreement Name:
N/A

8. Well Name and Number:
Utah 04-280

9. API Well Number:
43-015-30341

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

4. Location of Well
Footages: 2087' FNL, 1627' FWL
QQ, Sec., T., R., M.: SE/NW SEC. 04, T16S, R09E, SLB & M

County: Emery County
State: Utah

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

NOTICE OF INTENT
(Submit in Duplicate)

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

SUBSEQUENT REPORT
(Submit Original Form Only)

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

See Attached:

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13. Name & Signature: Frankie Hathaway *Frankie Hathaway* Title: Administrative Assistant Date: 8/30/00

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**DIVISION OF
OIL, GAS AND MINING**

DRUNKARDS WASH PROJECT DAILY WELL REPORT

Utah

04-280

API NO: 4301530341

2087' FNL, 1627' FWL

SENV SEC: 04 TWN: 16S RNG: 09E

COUNTY: Emery

ELEVATION: 6123

DRILLING CONTRACTOR: Pense Brothers Rig #2

SPUD TIME/DATE: 8/24/2000 2:00:00 PM

TD TIME/DATE: 8/26/2000 8:40:00 AM

TD DEPTH: 2985

ON-LINE TIME/DATE:

Bit Information

| Type | Size | In | Out | Hours | Rotating Hours |
|------------|---------|---------|---------|-------|----------------|
| Air Hammer | 15 in | 0.00 | 25.00 | 1 | 0.5 |
| Air Hammer | 11 in | 25.00 | 335.00 | 3 | 2 |
| Air Hammer | 7 7/8 | 335.00 | 2510.00 | 14 | 11.75 |
| Tri-cone | 7 7/8in | 2510.00 | 2985.00 | 20.5 | 5 |

Conductor Casing

Bore Hole Size: 15 in Conductor From: 0.00 To: 25.00

Casing Description: 12 3/4in PE Number of Joints: 1 Set @: 25.00

Cement: Amount:

Cement Report:

Surface Casing

Bore Hole Size: 11 in Surface Casing From: 25.00 To: 335.00

Casing Description: 8 5/8 in 24#/ft J-55 Number of Joints: 11 Set @: 325.70

Cement: G + 2%S-1 + 1/4#/sk D-29 Amount: 150.00

Cement Report: r/up dowell, safetyy meting, test lines, pump 30bbl h2o break circulation, mix & pump cement, displace w/ 18bbl h2o, close valve @ 8:30pm 8/24/00, 10bbl good cement to surface

Production Casing

Bore Hole Size: 7 7/8 in Prod.Casing From: 335.00 To: 2985.00

Casing Description: 5 1/2 in 17#/ft N-80 Number of Joints: 67 Length: 2949.00

Lead Cement: 50/50 POZ, 8%D20, 10%D44, 2%S001, 1/4#/sk D29 Amount: 270.00

Tail Cement: 10-1 RFC Amount: 75.00

Cement Report: r/up dowell , safety meeting, test lines, break circulation, mix & pump cement, drop plug, displace w/ 68bbl h2o, plug down @ 9:20pm 8/27/00, 5bbl good cement to surface,

Float Equipment: 5 1/2in float shoe Centralizers ran on: 2-5-9-13-& 21

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DIVISION OF
OIL, GAS AND MINING

Drilling Data

DAY 1 8/20/2000

CURRENT DEPTH: 0 CURRENT OPERATIONS: working on drive head ROTATING HRS: 0.00
7am-5:30pm no activity, 5:30pm-7am rig down repairs.

Estimated Daily Cost:

DAY 2 8/21/2000

CURRENT DEPTH: 0 CURRENT OPERATIONS: working on rig ROTATING HRS: 0.00
7am-8pm work on rig, 8pm-7am no activity,

Estimated Daily Cost:

DAY 3 8/22/2000

CURRENT DEPTH: 0 CURRENT OPERATIONS: waiting on parts ROTATING HRS: 0.00
7am-7am waiting on parts

Estimated Daily Cost:

DAY 4 8/23/2000

CURRENT DEPTH: 0 CURRENT OPERATIONS: working on rig, ROTATING HRS: 0.00
7am-9pm working on rig, 9pm-7am no activity

Estimated Daily Cost:

DAY 5 8/24/2000

CURRENT DEPTH: 0 CURRENT OPERATIONS: working on rig ROTATING HRS: 0.00
7am-9pm work on rig, 9pm-7am no activity

Estimated Daily Cost:

DAY 6 8/25/2000

CURRENT DEPTH: 335 CURRENT OPERATIONS: drill out cement ROTATING HRS: 0.00
7am-1pm finish putting drivehead back together, 1pm-2pm r/up & service rig, 2pm-3pm spud @ 2pm 8/24/00, drill & set 25ft conductor pipe, 3pm-4pm n/up to drill 11in hole, 4pm-6pm drill 335ft 1in hole, 6pm-6:30pm clean hole & tooh, 6:30pm-7:30pm rih w/ 8 5/8in guide shoe + 11 jts 8 5/8in csg, set @ 325.7ft, 7:30pm-7:45pm r/up dowell, 7:45pm-8:30pm cement surface pipe, close valve @ 8:30pm 8/24/00, 10bbl good cement to surface, 8:30pm-1:30am woc, 1:30am-4:30am break loose & n/up bop & manifold, 4:30am-5:30am test bop, 5:30am-6am n/up to drill 7 7/8in hole, 6am-7am rih drill out cement

Estimated Daily Cost:

DAY 7 8/26/2000

CURRENT DEPTH: 2805 CURRENT OPERATIONS: drilling @ 2805 ROTATING HRS: 15.2
7am-9am n/up repair blouie line, 9am-10am drilling 7 7/8in hole @ 500ft, 10am-2pm drill 500-1280ft, 2pm-6pm drill 1280-2000ft, 6pm-8:45pm drill 2000-2510ft, 8:45pm-9pm clean hole, 9pm-11pm tooh, 11pm-12am change bits tih w/ collars, 12am-2:45am rih w/ drill pipe, 2:45am-3:30am condition hole, 3:30am-5am drill 2510-2685ft, 5am-7am drill 2685-2805ft

Estimated Daily Cost:

DAY 8 8/27/2000

CURRENT DEPTH: 2985 CURRENT OPERATIONS: moving off location, ROTATING HRS: 1.50
7am-8:40am drill to 2985 td @ 8:40am 8/26/00, 8:40am-9:45am clean hole, 9:45am-11am pooh to check valve, 11am-12:30pm mud up hole mix & pump 4 tubs mud 12:30pm-1:15pm circulate to bottom, 1:5pm-3:15pm circulate on bottom, 3:15pm-4pm short trip, 4pm-5pm circulate on bottom, 5pm-8pm tooh, 8pm-8:15pm r/up loggers, 8:15pm-11pm log well, 11pm-11:30pm r/down loggers, release rig @ 11:30pm 8/26/00, 11:30pm-7am r/down & prep to move,

Estimated Daily Cost:

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DAY 9 8/28/2000

CURRENT DEPTH: 2985 **CURRENT OPERATIONS:** making scraper run, **ROTATING HRS:** 0.00
7am-11am move to location, 11am-1pm r/up, set up pipe rack & catwalk, 1pm-2:30pm wait on csg,(trucks were delivering to another well), 2:30pm-3:45pm unload pipe, remove thread protectors,& tally, 3:45pm-5pm rih w/ float shoe + 67 jts 5 1/2in csg, held last jt out waiting on cementers (out of cement hauled in from vernal), 5pm-8:30pm wait on cementers, 8:30pm-9:20pm cement longstring, plug down @ 9:20pm 8/27/00, 5bbl good cement to surface, 9:20pm-10pm r/down dowell, sdfn

Estimated Daily Cost: [REDACTED]

DAY 10 8/30/2000

CURRENT DEPTH: 2985 **CURRENT OPERATIONS:** none **ROTATING HRS:** 0.00
talley pipe picked up 95 jts. & 4 1/2 scraper, Tagged @ 2948, tripped out laying down, rigged down & moved off location.

Estimated Daily Cost: [REDACTED]

Cum. Estimated Daily Cost: [REDACTED]

Frac Data

Completion Data

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SEP 05 2000

**DIVISION OF
OIL, GAS AND MINING**

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NO.

ML-48219

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

1a. TYPE OF WELL: OIL WELL GAS WELL DRY
b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR.

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7. UNIT AGREEMENT NAME

Drunkards Wash UTU-67921X

2. NAME OF OPERATOR
RIVER GAS CORPORATION

8. FARM OR LEASE NAME

Utah

3. ADDRESS OF OPERATOR
6825 S. 5300 W. P.O. Box 851 Price, Utah 84501 (435) 613-9777

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9. WELL NO.

04-280

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

OCT 13 2000

At surface 2087' FNL & 1627' FWL
At top prod. interval reported below
At total depth

DIVISION OF OIL, GAS AND MINING

10. FIELD AND POOL, OR WILDCAT

Drunkards Wash

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
SE/NW, Sec 04, T16S, R09E, SLB&M

14. API NO. 43-015-30341 DATE ISSUED 11/22/99

12. COUNTY Emery 13. STATE Utah

15. DATE SPUNDED 8/24/00 16. DATE T.D. REACHED 8/26/00 17. DATE COMPL. (Ready to prod/14/00 or Plug & Abd.) 18. ELEVATIONS (DF, REB, RT, GR, ETC.) GR6123' 19. ELEV. CASINGHEAD N/A

20. TOTAL DEPTH, MD & TVD 2985' 21. PLUG BACK T.D., MD & TVD 2949' 22. IF MULTIPLE COMPL., HOW MANY N/A 23. INTERVALS DRILLED BY ROTARY TOOLS to TD CABLE TOOLS N/A

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD OR TVD)
Ferron Coal - Top Coal 2542' & Bottom Coal 2666' 25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN (Dual Induction, Laterolog, SFF, GR, Caliper, Comp Density, & Neutron) 27. WAS WELL CORED YES NO DRILL STEM TEST YES NO (Submit analysis See reverse side)

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 | 25' | 15" | 150 sks Class G, 2% CaCl, 4% Gel, & 1/4#/sk Flocel | |
| 8 5/8" | 24# | 326' | 11" | 270 sks 50/50 POZ, 8% D-20, 10% D-44, 2% S-1, | |
| 5 1/2" | 17# | 2949' | 7 7/8" | 75 sks 10-1 RFC (Thixotropic) | |

29. LINER RECORD 30. TUBING RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT | SCREEN (MD) | SIZE | DEPTH SET (MD) | PACKER SET |
|------|----------|-------------|--------------|-------------|--------|----------------|------------|
| | | | | | 2-7/8" | 2787' | N/A |

31. PERFORATION RECORD (Interval, size and number) Ferron Coal
1) Upper: 2542'-2548', 2552'-2558', 2568'-2578' 4spf .88"
2) Middle: 2586'-2590', 2594'-2606' 4spf .88"
3) Lower Middle: 2612'-2622', 2630'-2634', 2642'-2654' 4spf .88"
4) Lower: 2666'-2672', 2674'-2684' 4spf .88"

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

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|--------------------------|--|
| Upper 2542'-2578' | 13,500#, 20/40; 43,000#, 16/30; 24,290 gal fluid |
| Middle 2586'-2606' | 16,000#, 20/40; 47,000#, 16/30; 30,971 gal fluid |
| Lower Middle 2612'-2654' | 19,000#, 20/40; 42,500#, 16/30; 34,933 gal fluid |
| Lower 2666'-2694' | 11,500#, 20/40; 48,300#, 16/30; 29,918 gal fluid |

33. PRODUCTION

DATE FIRST PRODUCTION 9/28/00 PRODUCTION METHOD Pumping - 2 1/2" x 2" x 16' RWAC WELL STATUS Producing
DATE OF TEST 9/28/00 HOURS TESTED 24hrs. OIL-BBL. N/A GAS-MCF. 235 WATER-BBL. 365 GAS-OIL RATIO
FLOW. TUBING PRESS. 23 CASING PRESSURE 20 OIL-BBL. N/A GAS-MCF. 235 WATER-BBL. 365 OIL GRAVITY - API (CORR.) N/A

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

35. LIST OF ATTACHMENTS ON 10-14-01

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

SIGNED Jean Semborski TITLE Permitting Specialist DATE Oct. 11, 2000

WELL NUMBER: Utah 04-280

| 37 SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries). | | 38. GEOLOGIC MARKERS | |
|---|-----------------|----------------------|--|
| FORMATION | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. |
| | TOP MEAS. DEPTH | TRUE VERT. DEPTH | NAME |
| Ferron | 2575' | 2682' | Coals and Sandstones Coal Interval: 2575'-2682' |
| | | 2385' | Blue Gate Bentonite |
| | | 2810' | Tununk Shale |
| | | 2530' | Ferron Sandston |

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STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

ORIGINAL **CONFIDENTIAL**

| | | |
|--|--|--|
| SUNDRY NOTICES AND REPORTS ON WELLS | | 5. Lease Designation and Serial Number: <u>ML - 48219</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>Phillips Petroleum Company</u> | | 8. Well Name and Number: <u>Utah 04-280</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>43-007-30341</u> |
| 4. Location of Well Footages: 2087' FNL, 1627' FWL QQ, Sec., T., R., M.: <u>SE/NW, SEC. 04, T16S, R09E, SLB & M</u> | | 10. Field or Pool, or Wildcat: <u>Drunkards Wash</u> |
| | | County: <u>Emery County</u> State: <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>02/06/2001</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 4,000 gallons of low Ph fluid & 250 gallons of 7 1/2% HCL on 02/06/01.

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FEB 28 2001

**DIVISION OF
OIL, GAS AND MINING**

13.

Name & Signature: Rochelle Crabtree *Rochelle Crabtree* Title: Administrative Assistant Date: 02/26/2001

(This space for state use 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

5 Lease Designation and Serial Number:
 6 If Indian, Allottee or Tribe Name:
 7 Unit Agreement Name:
 8 Well Name and Number:
 9 API Well Number:
 10 Field or Pool, or Wildcat:

1 Type of Well: OIL GAS OTHER:
 2 Name of Operator:
 River Gas Corporation
 3 Address and Telephone Number:
 6825 S. 5300 W. P.O. Box 851 Price, Utah 84501 (435) 613-9777

4 Location of Well Footages:
 QQ, Sec., T., R., M.: SLB & M
 County: Carbon County
 State: Utah

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

| NOTICE OF INTENT (Submit in Duplicate) | SUBSEQUENT REPORT (Submit Original Form Only) |
|--|--|
| <input type="checkbox"/> Abandon <input type="checkbox"/> Repair Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Fracture Treat or Acidize <input type="checkbox"/> Multiple Completion <input checked="" type="checkbox"/> Other <u>Change of Operator</u> 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 type="checkbox"/> Other _____ Date of work completion _____ 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 |
| <input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Recomplete <input type="checkbox"/> Reperforate <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off | <input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Reperforate <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off |

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

Please be advised that 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 |

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| 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 |

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| 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 |

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| 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 |

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| 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 |

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| 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 |



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 2 2001

DIVISION OF
OIL, GAS AND MINING

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, 8th 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)

LAW OFFICES

PRUITT, GUSHEE & BACHTELL

SUITE 1850 BENEFICIAL LIFE TOWER

SALT LAKE CITY, UTAH 84111-1495

(801) 531-8446

TELECOPIER (801) 531-8468

E-MAIL: mail@pgblaw.com

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

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

OF COUNSEL:
ROBERT G PRUITT, III
BRENT A BOHMAN

January 29, 2001

HAND DELIVERED

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

Re: River Gas/Phillips Merger

Dear Mr. Thompson:

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

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

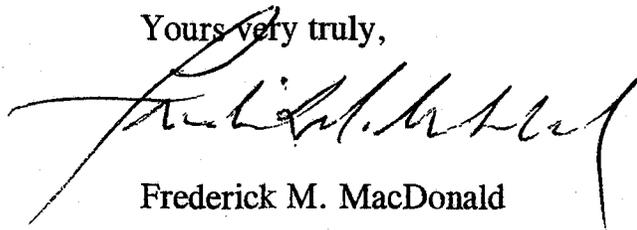
Phillips Petroleum Company
Attn: Billy Stacy, Operations Manager
P.O. Box 3368
Englewood, CO 80155-3368
Telephone No.: (720) 344-4984

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

Mr. Jim Thompson
January 29, 2001
Page 2

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

Yours very truly,

A handwritten signature in black ink, appearing to read "Frederick M. MacDonald", written in a cursive style. The signature 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>

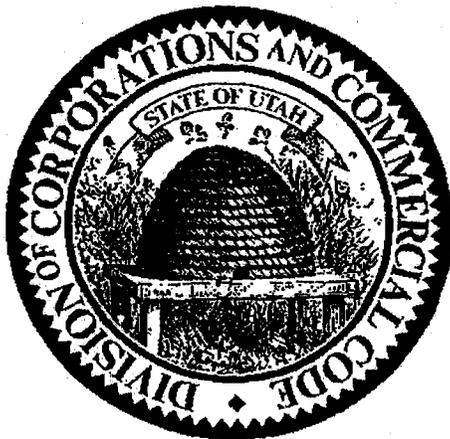
Registration Number: 562960-0143
Business Name: PHILLIPS PETROLEUM COMPANY
Registered Date: JUNE 14, 1946

01/12/01

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

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

641117001000
00171157

Office of the Secretary of State

ts

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

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

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

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

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

12-12-00P04:02 RCVD

TAP

FILED

DEC 12 2000

Utah Div. Of Corp. & Comm. Code

State of Utah
Department of Commerce
Division of Corporations and Commercial Code
I hereby certify that the foregoing has been filed and approved on this 12 day of Dec 20 2000 in the office of this Division and hereby issue this Certificate thereof.

Examiner

RD Date 12/10/00



RIC CAMPBELL
ACTING DIRECTOR



Edward J. Freel

Edward J. Freel, Secretary of State
AUTHENTICATION: 0837738

0064324 8100M

001609453

DATE: 12-07-00

CERTIFICATE OF OWNERSHIP AND MERGER

OF

RIVER GAS CORPORATION

(an Alabama corporation)

into

Phillips Petroleum Company

(a Delaware corporation)

It is hereby certified that:

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

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

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

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

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

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

12-12-00P04:02 RCVD

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

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

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

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

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

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

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

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

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

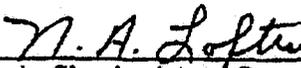
DEL-05-2000 20-31

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 

OPERATOR CHANGE WORKSHEET

ROUTING

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

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

X Merger

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

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

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

CA No.

Unit: DRUNKARDS WASH

WELL(S)

| NAME | API NO. | ENTITY NO. | SEC. TWN RNG | LEASE TYPE | WELL TYPE | WELL STATUS |
|-------------|---------------------|------------|-------------------|------------|-----------|-------------|
| UTAH 02-140 | 43-015-30290 | 11256 | 02-16S-09E | STATE | GW | P |
| UTAH 02-141 | 43-015-30291 | 11256 | 02-16S-09E | STATE | GW | P |
| UTAH 03-283 | 43-015-30349 | 11256 | 03-16S-09E | STATE | GW | P |
| UTAH 03-284 | 43-015-30346 | 11256 | 03-16S-09E | STATE | GW | P |
| UTAH 03-285 | 43-015-30345 | 11256 | 03-16S-09E | STATE | GW | P |
| UTAH 03-286 | 43-015-30344 | 11256 | 03-16S-09E | STATE | GW | P |
| UTAH 04-279 | 43-015-30340 | 11256 | 04-16S-09E | STATE | GW | P |
| UTAH 04-280 | 43-015-30341 | 11256 | 04-16S-09E | STATE | GW | P |
| UTAH 04-281 | 43-015-30399 | 11256 | 04-16S-09E | STATE | GW | P |
| UTAH 04-282 | 43-015-30342 | 11256 | 04-16S-09E | STATE | GW | P |
| UTAH 05-278 | 43-015-30278 | 11256 | 05-16S-09E | STATE | GW | P |
| UTAH 05-343 | 43-015-30400 | 11256 | 05-16S-09E | STATE | GW | P |
| UTAH 05-344 | 43-015-30401 | 11256 | 05-16S-09E | STATE | GW | P |
| UTAH 05-345 | 43-015-30402 | 11256 | 05-16S-09E | STATE | GW | P |
| UTAH 08-354 | 43-015-30464 | 11256 | 08-16S-09E | STATE | GW | P |
| UTAH 08-355 | 43-015-30378 | 11256 | 08-16S-09E | STATE | GW | P |
| UTAH 08-356 | 43-015-30379 | 11256 | 08-16S-09E | STATE | GW | P |
| UTAH 08-357 | 43-015-30380 | 11256 | 08-16S-09E | STATE | GW | P |
| UTAH 09-358 | 43-015-30300 | 11256 | 09-16S-09E | STATE | GW | P |
| UTAH 09-360 | 43-015-30397 | 11256 | 09-16S-09E | STATE | GW | P |

OPERATOR CHANGES DOCUMENTATION

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

4. Is the new operator registered in the State of Utah: YES Business Number: 562960-0143
5. If **NO**, the operator was contacted on: _____
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: 01/30/2001
7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: N/A
8. **Federal and Indian Communitization 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") Proj:** 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: 03/05/2001
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 03/05/2001
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.: 5952189
~~N/A~~

FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:

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

FILMING:

1. All attachments to this form have been **MICROFILMED** on: 3-23-01

FILING:

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

COMMENTS:

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: Phillips Petroleum 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: 2087' FNL, 1627' FWL
QQ, Sec., T., R., M.: SE/NW, SEC. 04, T16S, R09E, SLB & M

5. Lease Designation and Serial Number: ML-46219

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

7. Unit Agreement Name: UTU67921X Drunkards Wash

8. Well Name and Number: UTAH 04-280

9. API Well Number: 43-015-30341

10. Field or Pool, or Wildcat: Drunkards Wash

County: Emery 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 _____
- 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 04/27/02
- 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 & 250 gallons of 4% HCL on 04/27/02.

13.

Name & Signature: Lynnette Allred

Title: Administrative Assistant

Date: 05/01/02

(This space for state use only)

RECEIVED

MAY 06 2002

DIVISION OF
OIL, GAS AND MINING



5730 W. Pyramid Ct., Ste. 200
Englewood, CO 80112

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

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

Gentlemen:

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

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

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

U.S. Mail Address:

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

Physical Address & Overnight Delivery:

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

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

Attn: Chief Landman,
San Juan/Rockies

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

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

Sincerely,

William Rainbat

RECEIVED

DEC 02 2002

DIVISION OF
OIL, GAS AND MINING

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 | Twprn | Twprd | 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 |

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

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

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

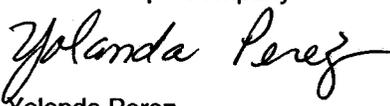
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

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

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

Current Operator
Phillips Petroleum Company

Steve de Albuquerque

New Operator
ConocoPhillips Company

Yolanda Perez

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JAN 08 2003
DIV. OF OIL, GAS & MINING

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

(This space for State use only)

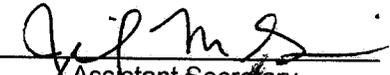


SECRETARY'S CERTIFICATE

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

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

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


 Assistant Secretary
 ConocoPhillips Company

STATE OF TEXAS §
 §
 COUNTY OF HARRIS §

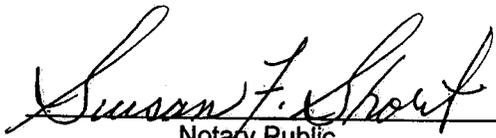
This instrument was acknowledged before me on January 7, 2003, by Jennifer M. Garcia, Assistant Secretary of ConocoPhillips Company, a Delaware corporation, on behalf of said Corporation.



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DIV. OF OIL, GAS & MINING


 Notary Public

Delaware

PAGE 1

The First State

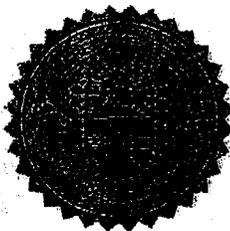
I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "PHILLIPS PETROLEUM COMPANY", CHANGING ITS NAME FROM "PHILLIPS PETROLEUM COMPANY" TO "CONOCOPHILLIPS COMPANY", FILED IN THIS OFFICE ON THE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

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

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JAN 08 2003

DIV. OF OIL, GAS & MINING



Harriet Smith Windsor

Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 2183360

DATE: 01-02-03

0064324 8100

030002793

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."

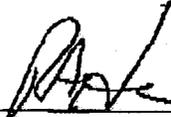
3. Phillips' Restated Certificate of Incorporation is hereby amended by deleting Section 1 of Article IV thereof and replacing in lieu thereof a new Section 1 reading in its entirety as follows:

"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.

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

PHILLIPS PETROLEUM COMPANY

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

2/7

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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,

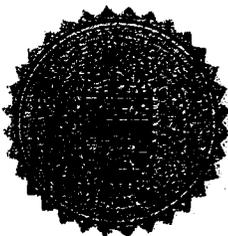
WITH AND INTO "CONOCOPHILLIPS COMPANY" UNDER THE NAME OF "CONOCOPHILLIPS COMPANY", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE TWELFTH DAY OF DECEMBER, A.D. 2002, AT 1:44 O'CLOCK P.M.

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.

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DIV. OF OIL, GAS & MINING



Harriet Smith Windsor

Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 2183370

DATE: 01-02-03

0064324 8100M

030002793

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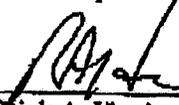
Sixth: A copy of the agreement and plan of merger will be furnished by the Surviving Corporation, on request and without cost, to any stockholder of any Constituent Corporation; and

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)

27

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

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DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF COMMERCE
REGISTRATION

CONOCOPHILLIPS COMPANY

EFFECTIVE
06/14/1946

EXPIRATION
*RENEWAL

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

Corporation - Foreign - Profit
562960-0143

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

RECEIVED

JAN 08 2003

DIV. OF OIL, GAS & MINING

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

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



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

562960-0143 Corporation - Foreign - Profit

*RENEWAL

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

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



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/W. 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, HS-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: **12-31-02**

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

CA No. Unit: DRUNKARDS WASH

WELL(S)

| NAME | SEC TWN RNG | API NO | ENTITY NO | LEASE TYPE | WELL TYPE | WELL STATUS |
|-------------------|----------------|--------------|--------------|---------------|--------------|----------------|
| UTAH 03-286 | 03-16S-09E | 43-015-30344 | 11256 | STATE | GW | P |
| UTAH 3-285 | 03-16S-09E | 43-015-30345 | 11256 | STATE | GW | P |
| UTAH 03-284 | 03-16S-09E | 43-015-30346 | 11256 | STATE | GW | P |
| UTAH 3-283 | 03-16S-09E | 43-015-30349 | 11256 | STATE | GW | P |
| UTAH 04-279 | 04-16S-09E | 43-015-30340 | 11256 | STATE | GW | P |
| UTAH 4-280 | 04-16S-09E | 43-015-30341 | 11256 | STATE | GW | P |
| UTAH 4-282 | 04-16S-09E | 43-015-30342 | 11256 | STATE | GW | P |
| UTAH 04-281 | 04-16S-09E | 43-015-30399 | 11256 | STATE | GW | P |
| UTAH 05-343 | 05-16S-09E | 43-015-30400 | 11256 | STATE | GW | P |
| UTAH 05-344 | 05-16S-09E | 43-015-30401 | 11256 | STATE | GW | P |
| UTAH 05-345 | 05-16S-09E | 43-015-30402 | 11256 | STATE | GW | P |
| UTAH 05-278 | 05-16S-09E | 43-015-30278 | 11256 | STATE | GW | P |
| UTAH 08-355 | 08-16S-09E | 43-015-30378 | 11256 | STATE | GW | P |
| UTAH 08-356 | 08-16S-09E | 43-015-30379 | 11256 | STATE | GW | P |
| UTAH 08-357 | 08-16S-09E | 43-015-30380 | 11256 | STATE | GW | P |
| UTAH 08-354 | 08-16S-09E | 43-015-30464 | 11256 | STATE | GW | P |
| UTAH 09-360 | 09-16S-09E | 43-015-30397 | 11256 | STATE | GW | P |
| UTAH 09-358 | 09-16S-09E | 43-015-30300 | 11256 | STATE | GW | P |
| UTAH 09-359 | 09-16S-09E | 43-015-30407 | 11256 | STATE | GW | P |
| UTAH 09-361 | 09-16S-09E | 43-015-30408 | 11256 | STATE | 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: 02/12/2003

2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 02/12/2003

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:

