

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work  
 DRILL  DEEPEN  PLUG BACK   
 b. Type of Well  
 Oil Well  Gas Well  Other COALBED METHANE  Single Zone  Multiple Zone

2. Name of Operator  
 RIVER GAS OF UTAH, INC. (205) 759-3282

3. Address of Operator  
 3600 WATERMELON ROAD, SUITE 204, NORTHPORT, AL 35476

4. Location of Well (Report location clearly and in accordance with any State requirements.)  
 At surface 2200' FSL & 1720' FSL (NW/4 OF SE/4)  
 At proposed prod. zone SAME

14. Distance in miles and direction from nearest town or post office\*  
 THREE (3) MILES SOUTHWEST OF PRICE, UTAH

15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest driz. line, if any) 478  
 16. No. of acres in lease 758.77  
 17. No. of acres assigned to this well 160

18. Distance from proposed location to nearest well, drilling, completed, or applied for, on this lease, ft. 1750'  
 19. Proposed depth 2600'  
 20. Rotary or cable tools ROTARY

21. Elevations (Show whether DF, RT, GR, etc.) 5816.9' GR SURVEYED  
 22. Approx. date work will start\* 7/12/93

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
11"	8 5/8"	24#	300'	135 SXS
7 7/8"	5 1/2"	17#	2600'	250 SXS

5. Lease Designation and Serial No.  
 ML 40115  
 6. If Indian, Allottee or Tribe Name  
 N/A  
 7. Unit Agreement Name  
 DRUNKARDS WASH UTU 67921X  
 8. Farm or Lease Name  
 UTAH  
 9. Well No.  
 M-1  
 10. Field and Pool, or Wildcat  
 WILDCAT  
 11. Sec., T., R., M., or Blk. and Survey or Area  
 SEC. 26, T14S, R9E, S.L.B. & M.  
 12. County or Parrish  
 CARBON  
 13. State  
 UTAH

THIS WELL IS A MONITOR WELL AND WILL NOT BE PRODUCED.

**CONFIDENTIAL**

TECHNICAL REVIEW  
 Eng. [Signature] 7/16/93  
 Geol. [Signature] 7/16/93  
 Surface [Signature] 7/16/93

**RECEIVED**

JUN 23 1993

DIVISION OF OIL, GAS & MINING

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

24. I hereby certify that this report is true and complete to the best of my knowledge.  
 Signed: MICHAEL J. FARRENS  
 Title: VICE PRESIDENT  
 Date: \_\_\_\_\_

(This space for Federal or State office use)  
 API NO. 43-007-30199  
 Approval Date \_\_\_\_\_

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING  
 Approved by: \_\_\_\_\_ Title: \_\_\_\_\_ Date: 7/12/93

Conditions of approval, if any:  
 DATE: 7/12/93  
 BY: [Signature]  
 WELL SPACING: R649-2-3  
 Drunkards Wash Unit

**RANGE 9 EAST**

N 89° 12' 59" E 5388.26' MEAS.

CORNER DOUBLE PROPORTIONED

**BASIS OF ELEVATION**  
OF 5549 AS INDICATED IN THE SE QUARTER OF SECTION 17, T 14 S, R 10 E, SLB & M. AS SHOWN ON THE PRICE QUADRANGLE 7.5 MINUTE SERIES MAP.

TOWNSHIP 14 SOUTH

N 00° 07' 47" W 2672.74' MEAS.

N 00° 25' 25" W 2604.47' MEAS.

N 00° 27' 02" E 2713.38' MEAS.

N 00° 08' 34" W 2652.04' MEAS.

N 89° 34' 26" E 2669.11' MEAS.

N 89° 43' 47" E 2677.93' MEAS.

26

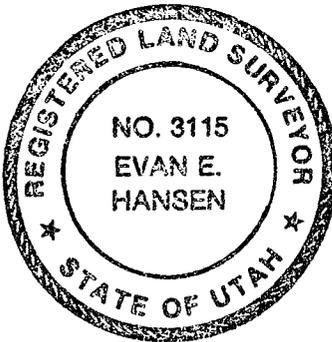
2200.0'

1720'

RIVER GAS OF UTAH, INC.  
UTAH M-1 (26 - 10 - 34)  
SET 5/8" x 24" REBAR  
ELEV. 5816.9'

NORTH

1" = 1000'



**BASIS OF BEARING**

BASIS OF BEARING N 00° 08' 34" W MEASURED BETWEEN THE SOUTHEAST CORNER AND THE EAST QUARTER CORNER OF SECTION 26, TOWNSHIP 14 SOUTH, RANGE 9 EAST, SALT LAKE BASE AND MERIDIAN AND IS THE UTAH STATE PLANE COORDINATE SYSTEM.

**LEGEND**

- ◆ FOUND BRASS CAP
- SEARCHED FOR BUT NOT FOUND
- ▲ FOUND ROCK CORNER  
SE 1/4 SEC. 26 T 14 S, R 9 E, S.L.B. & M.

**ENGINEER'S CERTIFICATE**

I, EVAN E. HANSEN, DO HEREBY CERTIFY THAT I AM A REGISTERED LAND SURVEYOR AND PROFESSIONAL ENGINEER HOLDING CERTIFICATES NO. 3115 AND NO. 3354 AS PRESCRIBED UNDER THE LAWS OF THE STATE OF UTAH. I FURTHER CERTIFY THAT I HAVE MADE A SURVEY OF THE TRACT OF GROUND SHOWN AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

Evan E. Hansen      JUNE 9, 1993  
EVAN E. HANSEN      DATE

**EMPIRE ENGINEERING**

1665 E. SAGEWOOD RD. PRICE, UTAH 84501

RIVER GAS OF UTAH, INC.  
UTAH M-1 (26 - 10 - 34)

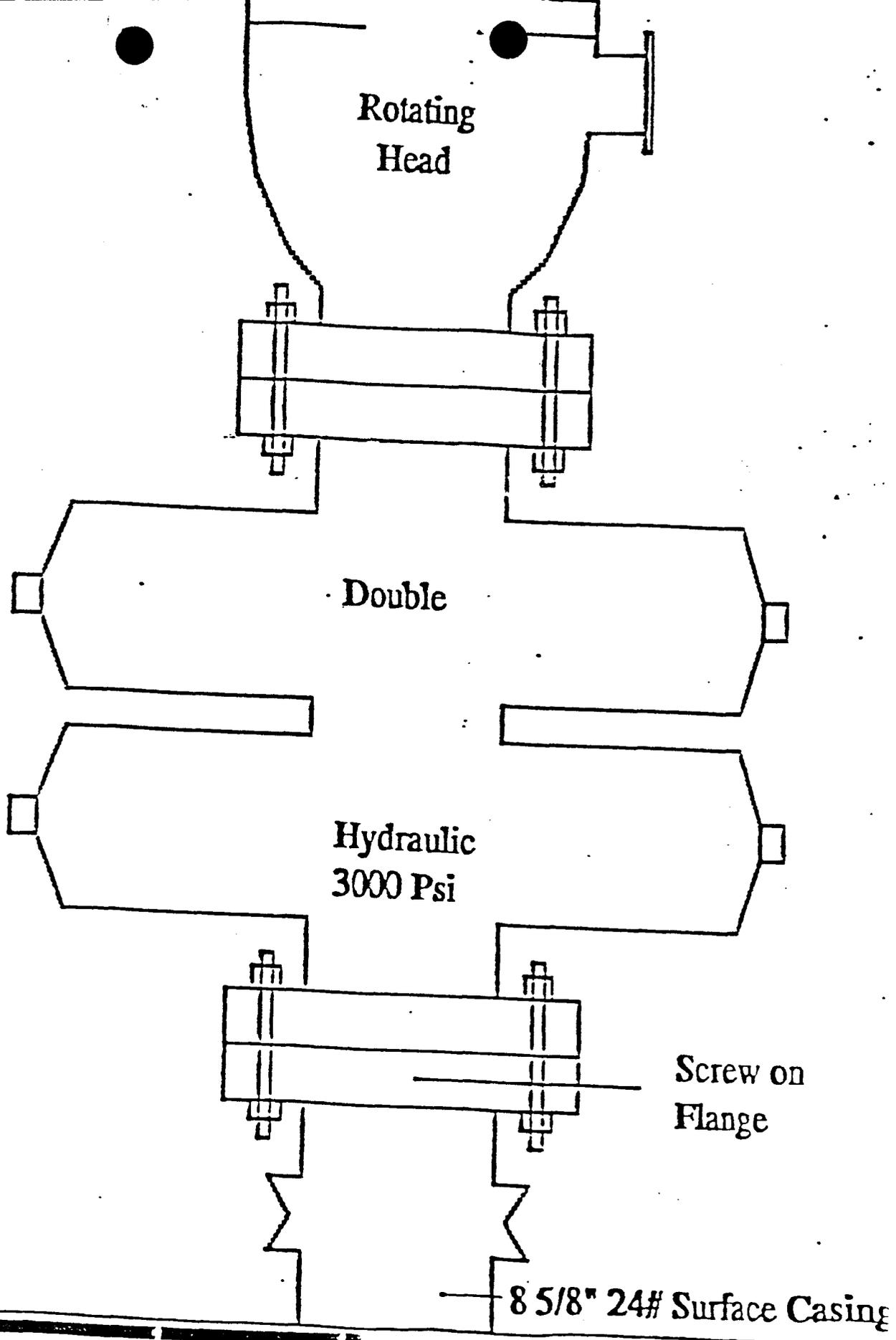
DRAWN BY: NH	APPROVED BY: EEH	DRAWING NO.
DATE: 5 - 25 - 93	SCALE: 1" = 1000'	<b>EEOG-150</b>

~~\_\_\_\_\_~~  
RIVER GAS OF UTAH, INC.

ATTACHMENT #2

RE: Use of Water During Drilling Operations

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



DESIGNATION OF OPERATOR

The undersigned is, on the records of the Department of Natural Resources, Division of State Lands & Forestry, holder of lease, ML 40115 : and hereby designates

NAME: RIVER GAS OF UTAH, INC.  
ADDRESS: 3600 WATERMELON ROAD, SUITE 204  
NORTHPORT, ALABAMA 35476

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the Director of the Division of State Lands & Forestry or his representative may serve written or oral instructions in securing compliance with the Rules and Regulations Governing the Issuance of Mineral Leases with respect to (describe acreage to which this designation is applicable):

TOWNSHIP 14 SOUTH, RANGE 9 EAST, SLM

SECTION 26: E/2  
SECTION 35: N/2

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Rules and Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Director, Division of State Lands & Forestry or his representative.

The lessee agrees promptly to notify the Division of State Lands & Forestry of any change in the designated operator.  
Texaco Exploration and Production Inc.



(Signature of Lessee)

Patrick Lee Callahan, Attorney-in-Fact

10-15-92

(Date)

P. O. Box 2100

Denver, CO 80201

(Address)

DESIGNATION OF AGENT OR OPERATOR - FORM 5

The undersigned is, on record, the holder of oil and gas lease

LEASE NAME: STATE OF UTAH

LEASE NUMBER: ML- 40115

and hereby designates

NAME: RIVER GAS OF UTAH, INC.

ADDRESS: 3600 WATERMELON ROAD, SUITE 204, NORTHPORT, ALABAMA 35476

as his agent/operator, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the Division Director or Authorized Agent may serve written or oral instructions in securing compliance with the Oil and Gas Conservation General Rules and Procedural Rules of the Board of Oil, Gas and Mining of the State of Utah with respect to (describe acreage to which this designation is applicable):

TOWNSHIP 14 SOUTH, RANGE 9 EAST, SLM

SECTION 26: E/2

SECTION 35: N/2

CONTAINING 640.0 ACRES MORE OR LESS  
CARBON COUNTY, UTAH

It is understood that this designation of agent/operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Oil and Gas Conservation General Rules and Procedural Rules of the Board of Oil, Gas and Mining of the State of Utah. It is also understood that this designation of agent or operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated agent/operator, the lessee will make full and prompt compliance with all rules, lease terms or orders of the Board of Oil, Gas and Mining of the State of Utah or its authorized representative.

The lessee agrees promptly to notify the Division Director or Authorized Agent of any change in this designation.

Effective Date of Designation 10-15-92

By: *Pat LaCalle*  
Inc.

(signature)

Company Texaco Exploration and Production

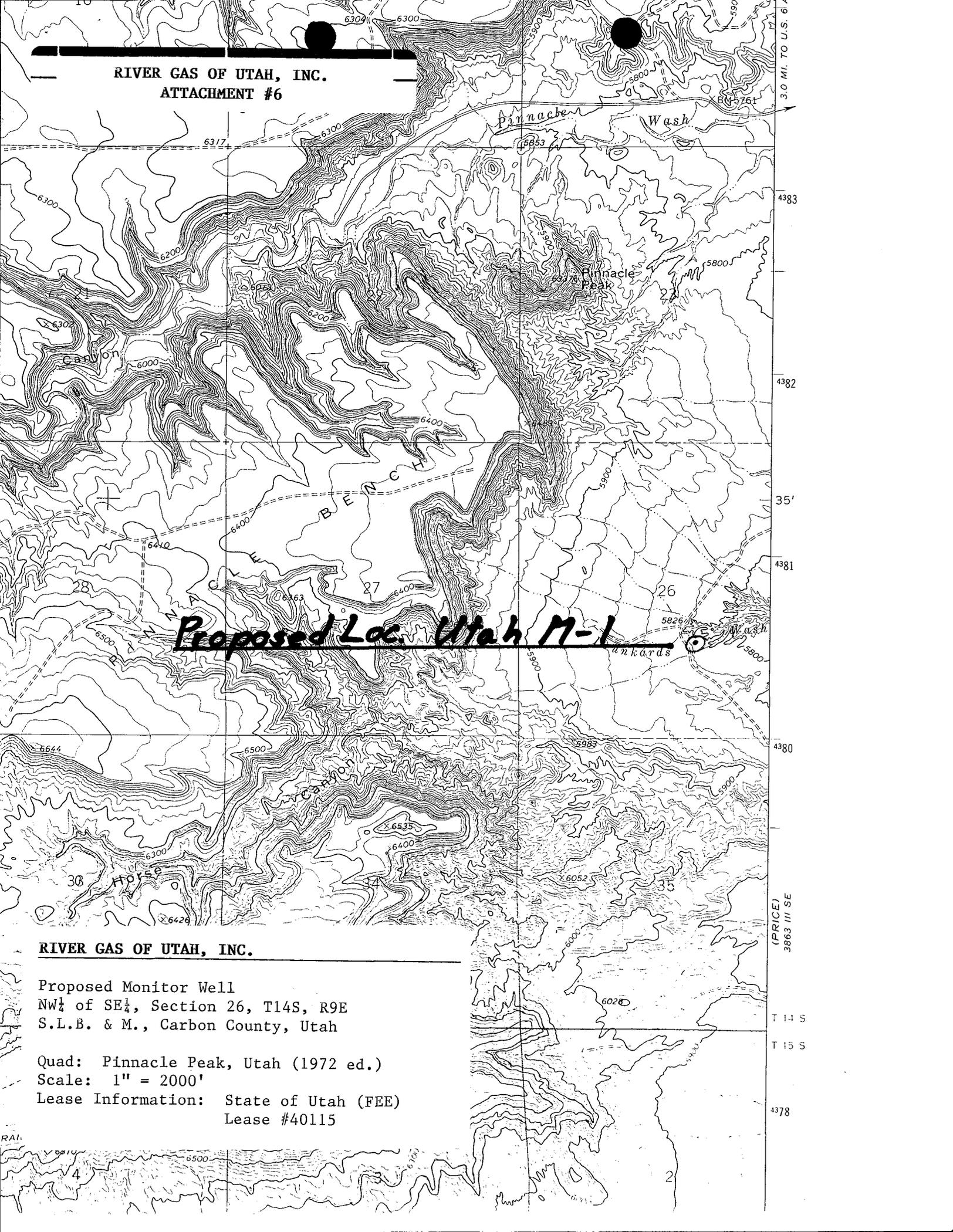
Title: Attorney-in-Fact

Address P. O. Box 2100

Denver, CO 80201

Phone: (303) 793-4047

RIVER GAS OF UTAH, INC.  
ATTACHMENT #6



*Proposed Loc. Utah M-1*

**RIVER GAS OF UTAH, INC.**

Proposed Monitor Well  
NW $\frac{1}{4}$  of SE $\frac{1}{4}$ , Section 26, T14S, R9E  
S.L.B. & M., Carbon County, Utah

Quad: Pinnacle Peak, Utah (1972 ed.)  
Scale: 1" = 2000'  
Lease Information: State of Utah (FEE)  
Lease #40115

3.0 MI. TO U.S. 63  
4383  
4382  
35'  
4381  
4380  
3863 III SE  
T 14 S  
T 15 S  
4378

RIVER GAS OF UTAH, INC.  
ATTACHMENT #7  
PREPARED MICHAEL J. FARRENS

Additional Drilling Information

UTAH # M-1 (MONITOR WELL)

2200' FEL & 1720' FSL (NW/4 of SE/4)

Section 26, Township 14 South, Range 9 East, Carbon County, Utah

R615-3-4 Permitting of Wells to be Drilled, Deepened or Plugged Back

2.1 Telephone numbers for additional information:

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

Joseph L. Stephenson	(205) 759-3282 Office
Land Manager	

David M. Chambers	(205) 759-3282 Office
President	

2.2 State Lease: Serial No. **40115**

2.3 This gas well will be drilled in a Federal Unit. The Unit name is Drunkards Wash Unit. The Unit No. is UTU 67921X.

2.4 Survey Plat: See Attachment #1

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

2.6 Drilling Program.

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

<u>Formation/Unit</u>	<u>Depth (ft)</u>
Upper Mancos Shale	Surface
Ferron Coal	2300'
Ferron Coal (Big)	2400'
TD	2600'

- 2.6.2 The Ferron Coals will be the only gas and water bearing formations. The depth to the top coal formation is expected to be 2300', and the depth to the top of the lower coal formation is expected to be 2400' 5-1/2" 17.0 #M75 casing will be run and cemented with 205 sacks light cement and tail- in with 70 sacks class "A".
- 2.6.3 A double gate 2000 psi BOPE will be used with a rotating head. This equipment will be tested to 1000 psi. Surface casing will be tested to 1 psi/ft. of setting depth. All test will be recorded in a Driller Report Book. Physical operation of BOP's will be checked on each trip. See Attachment #3 for Schematic.
- 2.6.4 None.
- 2.6.5 Mud Program:
- |          |              |  |
|----------|--------------|--|
| 0-300    | 12-1/4" hole | Drill with air or fresh and gel sweeps as necessary.   |
| 300-2600 | 7-7/8" hole  | Drill with air. 400 psi @ 1500-1800 Scf. Mud logger will be on hole to monitor for gas and CO <sub>2</sub> . |
- 2.6.6 Logging Program:
- |                       |  |
|-----------------------|--|
| Depth                 |  |
| 0-300                 | Gamma Ray  |
| 300-2400              | Gamma Ray, Density, Neutron porosity, Sonic, Caliper |
| Coring: 2300' - 2400' |  |
- 2.6.7 We expect 760 psi for bottom hole pressure. No other hazards are expected.

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

International Department

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

RIVER GAS OF UTAH, INC.  
ATTACHMENT #8

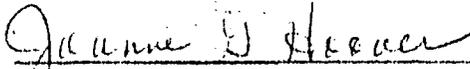
AMENDMENT NUMBER: 002  
TO LETTER OF CREDIT NUMBER: S304606  
DATE: JANUARY 15, 1993

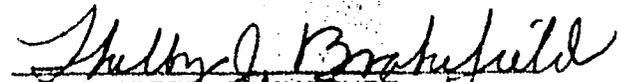
BENEFICIARY:  
STATE OF UTAH, DEPARTMENT OF  
NATURAL RESOURCES, DIVISION OF  
STATE LANDS AND FORESTRY  
#3 TRIAD CENTER SUITE 400  
355 WEST TEMPLE  
SALT LAKE CITY, UTAH 84180-1204

AT THE REQUEST OF RIVER GAS OF UTAH, INC. 12031 LAKE NICOL ROAD  
TUSCALOOSA, AL 35406  
AND FOR THE ACCOUNT OF SAME  
WE HEREBY AMEND OUR LETTER OF CREDIT NUMBER S304606  
DATED DECEMBER 14, 1990  
OPENED IN YOUR FAVOR AS FOLLOWS:

-LATEST NEGOTIATION DATE IS EXTENDED TO DECEMBER 13, 1993

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

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

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

# RGU

## RIVER GAS OF UTAH, INC.

3600 Watermelon Road, Suite 204  
Northport, Alabama 35476  
Phone (205) 759-3282  
Fax (205) 759-3188

June 18, 1993

**RECEIVED**

JUN 23 1993

**DIVISION OF  
OIL GAS & MINING**

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

RE: Coalbed Methane Well Permit Application -  
Utah #M-1 (MONITOR WELL), NW/4 of SE/4, Section 26, T14S, R9E  
S.L.B. & M., Carbon County, Utah

Dear Mr. Hill:

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

- Attachment #1 - Copy of survey plat of proposed well site
- Attachment #2 - Information regarding use of water at the site
- Attachment #3 - Schematic of BOP
- Attachment #4 - Original Designation of Agent or Operator (Form 5)
- Attachment #5 - Copy of Designation of Operator form previously sent to State Lands and Forestry Division
- Attachment #6 - Portion of topographical map indicating proposed well site
- Attachment #7 - Additional drilling information furnished according to State regulations.
- Attachment #8 - Evidence of bond sent to State Lands and Forestry Division

Mr. Brad Hill  
June 18, 1993  
Page Two

Also, please accept this letter as our request that all information be kept confidential that is eligible for such consideration regarding this permit. This request is made in accordance with your regulation R615-2-11.

Thank you for your assistance and if you have questions, please feel free to call.

Thank you.

Sincerely,



Michael J. Farrens  
Vice President  
Utah Operations

MJF/djl

Enclosures

cc: Mr. Edward W. Bonner, State Lands Division  
Mr. Eric Jones, BLM @ Moab  
Mr. Dean Nyffler, BLM @ Price  
Mr. Robert A. Hendricks, BLM @ Salt Lake City  
Mr. J. R. French, JR., Texaco

Form 9

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

6. Lease Designation and Serial Number <b>ML 40115</b>
7. Indian Allottee or Tribe Name <b>N/A</b>
8. Unit or Communitization Agreement <b>DRUNKARDS WASH UNIT 67921X</b>
9. Well Name and Number <b>UTAH M-1</b>
10. API Well Number <b>43-007-30199</b>
11. Field and Pool, or Wildcat <b>WILDCAT</b>

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. Type of Well  
 Oil Well     Gas Well     Other (specify) **MONITOR WELL**

2. Name of Operator  
**RIVER GAS OF UTAH, INC.**

3. Address of Operator  
**3600 WATERMELON RD, STE 204, NORTHPORT, AL 35476**

4. Telephone Number  
**205-759-3282**

5. Location of Well  
 Footage : **2200' FEL & 1720' FSL \*\*\***    County : **CARBON**  
 QO, Sec, T., R., M. : **NW/4 OF SE/4 \*\* SEC. 26, T14S, R9E**    State : **UTAH**

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

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

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

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

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

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

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

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

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

\*\*\* THE LOCATION FOR THIS WELL IS BEING MOVED DUE TO GEOLOGICAL REASONS.  
 THE NEW LOCATION IS: 2500' FNL & 2570' FEL (SW 1/4 NE 1/4) SECTION 26, T14S, R9E

THIS WELL IS A MONITOR WELL AND WILL NOT BE PRODUCED.

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

DATE: 7/16/93  
BY: [Signature]

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

Name & Signature **MICHAEL J. FARRENS** [Signature] Title **VICE PRESIDENT** Date **7/15/93**  
(State Use Only)

Post-It™ brand fax transmittal memo 7671 # of pages **2**

To <b>F.R. Matthews</b>	From <b>Mike Farrens</b>
Co.	Co.
Dept.	Phone #
Fax #	Fax #

# RANGE 9 EAST

N 89° 12' 59" E 5388.26' MEAS.

CORNER DOUBLE PROPORTIONED

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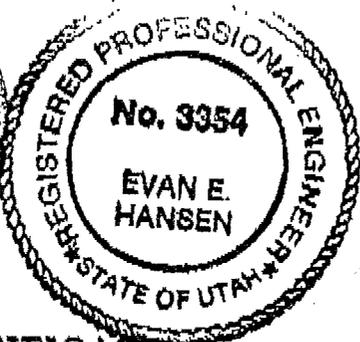
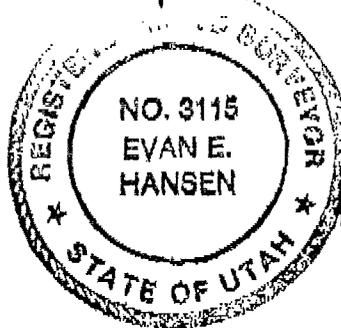
## NORTH

1" = 1000'

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UTAH M-1 (26 - 10 - 34)  
SET 5/8" x 24" REBAR  
ELEV. 5830.6'

N 89° 34' 25" E 2669.11' MEAS.

N 89° 43' 47" E 2677.93' MEAS.



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EVAN E. HANSEN

DATE

## EMPIRE ENGINEERING

1665 E. SAGEWOOD RD. PRICE, UTAH 84501

RIVER GAS OF UTAH, INC.  
(REVISED) UTAH M-1 (26 - 10 - 34)

DRAWN BY:  
NH

APPROVED BY:  
EEH

DRAWING NO.

DATE:

SCALE:

EEOG-150

# RGU

## RIVER GAS OF UTAH, INC.

3600 Watermelon Road, Suite 204  
Northport, Alabama 35476  
Phone (205) 759-3282  
Fax (205) 759-3188

July 15, 1993

TO: Frank Matthews  
FROM: Michael J. Farrens  
Vice President, River Gas of Utah

Attached is a copy of the sundry notice and survey plat to move well UTAH M-1. If you have any questions, please feel free to give me call.

Sincerely,



Michael J. Farrens

**RECEIVED**

JUL 16 1993

DIVISION OF  
OIL, GAS & MINING

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

6. Lease Designation and Serial Number

ML 40115

7. Indian Allottee or Tribe Name

N/A

8. Unit or Communitization Agreement

DRUNKARDS WASH UNIT  
67921X

9. Well Name and Number

UTAH M-1

10. API Well Number

11. Field and Pool, or Wildcat

WILDCAT

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4. Telephone Number

**205-759-3282**

5. Location of Well

Footage : **2200' FEL & 1720' FSL \*\*\***

County : **CARBON**

QQ, Sec, T., R., M. : **NW/4 OF SE/4 \*\* SEC. 26, T14S, R9E**

State : **UTAH**

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

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

- |   |   |
|---|---|
| <input type="checkbox"/> Abandonment                                  | <input type="checkbox"/> New Construction     |
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| <input type="checkbox"/> Change of Plans                              | <input type="checkbox"/> Recompletion         |
| <input type="checkbox"/> Conversion to Injection                      | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Fracture Treat                               | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion                          | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other <b>MOVING WELL LOCATION</b> |   |

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

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

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

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

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

\* Must be accompanied by a cement verification report.

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

**\*\*\* THE LOCATION FOR THIS WELL IS BEING MOVED DUE TO GEOLOGICAL REASONS.**

**THE NEW LOCATION IS: 2500' FNL & 2570' FEL (NW/4 OF SE/4)  
SECTION 26, T14S, R9E**

**THIS WELL IS A MONITOR WELL AND WILL NOT BE PRODUCED.**

**RECEIVED**

**JUL 16 1993**

**DIVISION OF  
OIL GAS & MINING**

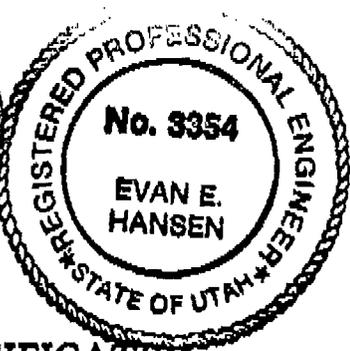
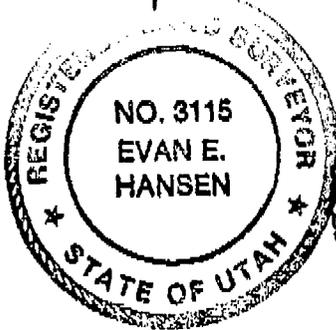
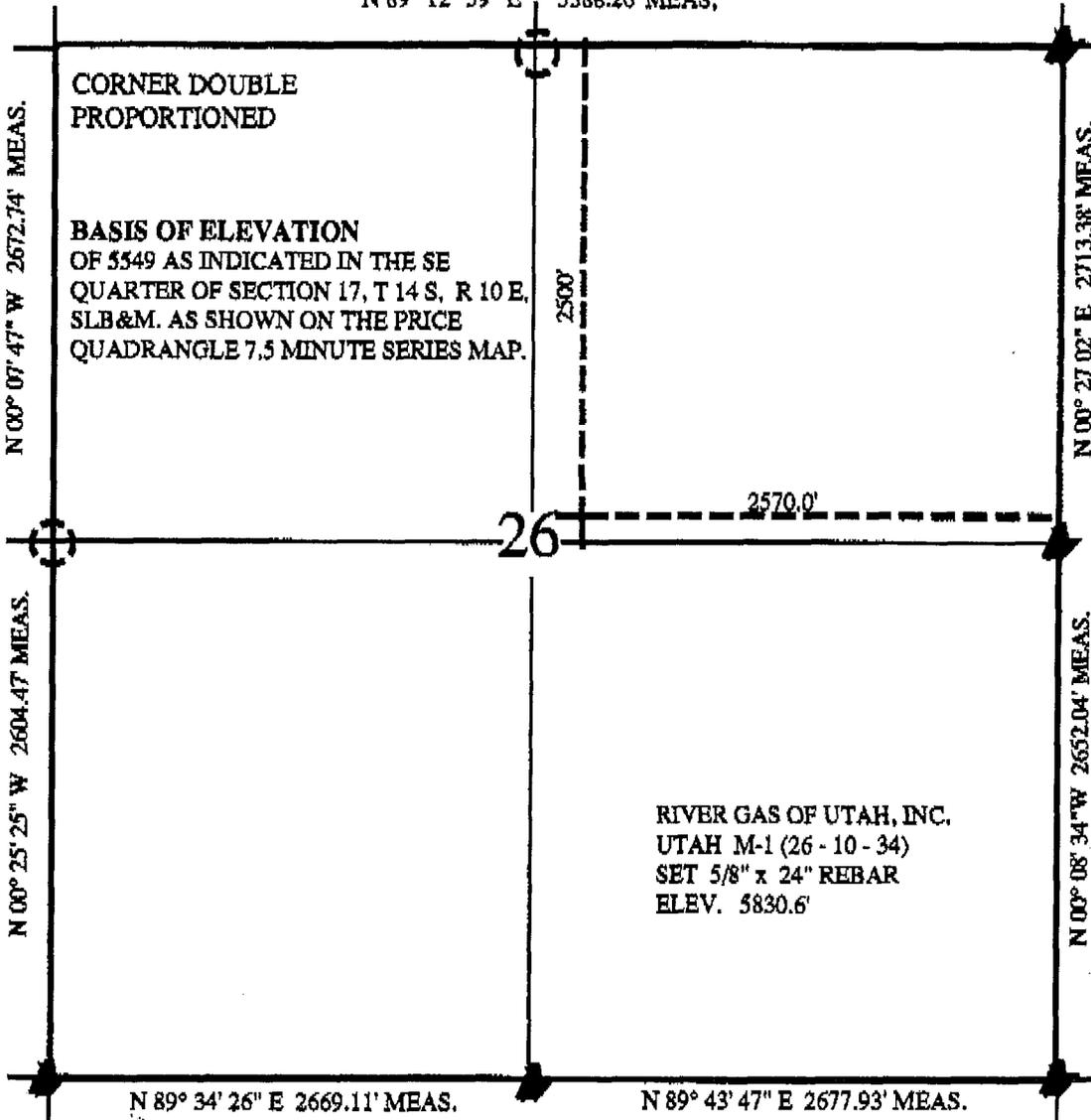
14. I hereby certify that the foregoing is true and correct

Name & Signature **MICHAEL J. FARRENS** *Michael J. Farrens* Title **VICE PRESIDENT** Date **7/15/93**

(State Use Only)

— RANGE 9 EAST —  
 N 89° 12' 59" E 5388.26' MEAS.

— TOWNSHIP 14 SOUTH —



**BASIS OF BEARING**

BASIS OF BEARING N 00° 08' 34" W MEASURED BETWEEN THE SOUTHEAST CORNER AND THE EAST QUARTER CORNER OF SECTION 26, TOWNSHIP 14 SOUTH, RANGE 9 EAST, SALT LAKE BASE AND MERIDIAN AND IS THE UTAH STATE PLANE COORDINATE SYSTEM.

**LEGEND**

- ◆ FOUND BRASS CAP
- SEARCHED FOR BUT NOT FOUND
- ▲ FOUND ROCK CORNER  
SE 1/4 SEC. 26 T 14 S, R 9 E, S.L.B.&M.

**ENGINEER'S CERTIFICATE**

I, EVAN E. HANSEN, DO HEREBY CERTIFY THAT I AM A REGISTERED LAND SURVEYOR AND PROFESSIONAL ENGINEER HOLDING CERTIFICATES NO. 3115 AND NO. 3354 AS PRESCRIBED UNDER THE LAWS OF THE STATE OF UTAH. I FURTHER CERTIFY THAT I HAVE MADE A SURVEY OF THE TRACT OF GROUND SHOWN AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

EVAN E. HANSEN

DATE

**EMPIRE ENGINEERING**

1665 E. SAGEWOOD RD. PRICE, UTAH 84501

RIVER GAS OF UTAH, INC.  
 (REVISED) UTAH M-1 (26 - 10 - 34)

DRAWN BY: NH	APPROVED BY: EEH	DRAWING NO.  <b>EEOG-150</b>
DATE: 7 - 15 - 93	SCALE: 1" = 1000"	

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

6. Lease Designation and Serial Number <b>ML 40115</b>
7. Indian Allottee or Tribe Name <b>N/A</b>
8. Unit or Communitization Agreement <b>DRUNKARDS WASH UNIT 67921X</b>
9. Well Name and Number <b>UTAH M-1</b>
10. API Well Number
11. Field and Pool, or Wildcat <b>WILDCAT</b>

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT -- for each proposal.

1. Type of Well  
 Oil Well     Gas Well     Other (specify) **MONITOR WELL**

2. Name of Operator  
**RIVER GAS OF UTAH, INC.**

3. Address of Operator  
**3600 WATERMELON RD, STE 204, NORTHPORT, AL 35476**

4. Telephone Number  
**205-759-3282**

5. Location of Well  
 Footage : **2200' FEL & 1720' FSL \*\*\***    County : **CARBON**  
 QG, Sec, T., R., M. : **NW/4 OF SE/4 \*\* SEC. 26, T14S, R9E**    State : **UTAH**

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

NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Recompletion <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> Abandonment * <input type="checkbox"/> Casing Repair <input type="checkbox"/> Change of Plans <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Other
<input type="checkbox"/> Multiple Completions <input checked="" type="checkbox"/> Other	<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off

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

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

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

\*\*\* THE LOCATION FOR THIS WELL IS BEING MOVED DUE TO GEOLOGICAL REASONS.  
 THE NEW LOCATION IS: 2500' FNL & 2570' FEL (NW/4 OF SE/4)  
 SECTION 26, T14S, R9E

THIS WELL IS A MONITOR WELL AND WILL NOT BE PRODUCED.

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

Name & Signature **MICHAEL J. FARRENS** *Michael J. Farrens* Title **VICE PRESIDENT** Date **7/15/93**  
 (State Use Only)

Post-It™ brand fax transmittal memo 7671 # of pages ▶ **2**

To <b>F.R. Matthews</b>	From <b>Mike Farrens</b>
Co.	Co.
Dept.	Phone #
Fax #	Fax #

See Instructions or

# RANGE 9 EAST

N 89° 12' 59" E 5388.26' MEAS.

CORNER DOUBLE PROPORTIONED

BASIS OF ELEVATION OF 5349 AS INDICATED IN THE SE QUARTER OF SECTION 17, T 14 S, R 10 E, S.L.B.&M. AS SHOWN ON THE PRICE QUADRANGLE 7.5 MINUTE SERIES MAP.

TOWNSHIP 14 SOUTH

N 00° 07' 47" W 2672.74' MEAS.

N 00° 25' 25" W 2669.11' MEAS.

2500'

26

2570.0'

N 00° 27' 02" E 2713.88' MEAS.

N 00° 08' 34" W 2652.04' MEAS.



RIVER GAS OF UTAH, INC.  
UTAH M-1 (26 - 10 - 34)  
SET 5/8" x 24" REBAR  
ELEV. 5830.6'

N 89° 34' 45" E 2669.11' MEAS.

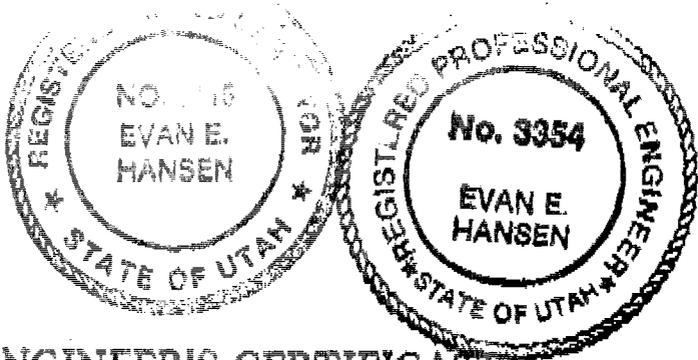
N 89° 43' 47" E 2677.93' MEAS.

## BASIS OF BEARING

BASIS OF BEARING N 00° 08' 34" W MEASURED BETWEEN THE SOUTHEAST CORNER AND THE EAST QUARTER CORNER OF SECTION 26, TOWNSHIP 14 SOUTH, RANGE 9 EAST, SALT LAKE BASE AND MERIDIAN AND IS THE UTAH STATE PLANE COORDINATE SYSTEM.

## LEGEND

- ◆ FOUND BRASS CAP
  - SEARCHED FOR BUT NOT FOUND
  - ▲ FOUND ROCK CORNER
- SE 1/4 SEC. 26 T 14 S, R 9 E, S.L.B.&M.



## ENGINEER'S CERTIFICATE

I, EVAN E. HANSEN, DO HEREBY CERTIFY THAT I AM A REGISTERED LAND SURVEYOR AND PROFESSIONAL ENGINEER HOLDING CERTIFICATES NO. 3115 AND NO. 3354 AS PRESCRIBED UNDER THE LAWS OF THE STATE OF UTAH. I FURTHER CERTIFY THAT I HAVE MADE A SURVEY OF THE TRACT OF GROUND SHOWN AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

EVAN E. HANSEN \_\_\_\_\_ DATE \_\_\_\_\_

**EMPIRE ENGINEERING**  
1665 E. SAGEWOOD RD. PRICE, UTAH 84501

RIVER GAS OF UTAH, INC.  
(REVISED) UTAH M-1 (26 - 10 - 34)

DRAWN BY: NH	APPROVED BY: EEH	DRAWING NO. <b>EEOG-150</b>
DATE: 7-15-93	SCALE: 1"= 1000"	

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

DATE RECEIVED: 06/23/93

OPERATOR: RIVER GAS OF UTAH INC  
WELL NAME: UTAH M-1

OPERATOR ACCT NO: N- 1600

API NO. ASSIGNED: 43 - 007 - 30199

LEASE TYPE: STA LEASE NO: ML-40115  
LOCATION: NWSE 26 - T14S - R09E CARBON COUNTY  
FIELD: WILDCAT (001) FIELD CODE: 001

RECEIVED AND/OR REVIEWED:

- Plat
- Bond  
(Number Statewide)
- Potash (Y/N)
- Oil shale (Y/N)
- Water permit.  
(Number successive)
- RDCC Review (Y/N)  
(Date: \_\_\_\_\_)

LOCATION AND SITING:

- R649-2-3. Unit: Dunkards Wash
- R649-3-2. General.
- R649-3-3. Exception.
- Drilling Unit.
- Board Cause no: \_\_\_\_\_
- Date: \_\_\_\_\_

COMMENTS: Unit OK thru pickup BFM.

STIPULATIONS:

1 Berm location to prevent runoff out  
\* prevent drainages around location.  
cc: Carbon assessor  
State lands

DRILLING LOCATION ASSESSMENT

State of Utah  
Division of Oil, Gas and Mining

OPERATOR: RIVER GAS OF UTAH WELL NAME: M-1  
SECTION: 26 TWP: 14S RNG: 9E LOC: 2200 FEL 1720 FSL  
QTR/QTR NW SE COUNTY: CARBON FIELD: WILDCAT  
SURFACE OWNER: STATE OF UTAH  
SURFACE AGREEMENT:  
SPACING: SEE AGREEMENT FOR THE DRUNKARDS WASH UNIT.  
GEOLOGIST: CHRIS KIERST DATE AND TIME: JUNE 30, 1993

PARTICIPANTS: CHRIS KIERST DOGM, LARRY JENSEN NELCO.

REGIONAL SETTING/TOPOGRAPHY: MANCOS LOWLANDS BETWEEN THE BOOK CLIFFS AND THE WASATCH PLATEAU GENTLY SLOPES TO THE NE AND THE PRICE RIVER. LOCAL DRAINAGE IS TO THE E.

LAND USE:

CURRENT SURFACE USE: LIMITED LIVESTOCK GRAZING. MINOR WILDLIFE HABITAT.

PROPOSED SURFACE DISTURBANCE: LOCATION OF APPROXIMATELY 150 X 200'.

AFFECTED FLOODPLAINS AND/OR WETLANDS: THIS AREA IS SUFFICIENTLY CLOSE TO A MAJOR EPHEMERAL DRAINAGE THAT I STIPULATED THAT THE WELLHEAD BE SHIFTED 100' TO THE SOUTH AND 100' TO THE WEST (THE PAD FRINGE WAS ONLY 30' FROM THE DRAINAGE AND THE DRAINAGE WAS OBVIOUSLY BEING UNDERMINED TOWARD THE PROPOSED PAD).

FLORA/FAUNA: GREASEWOOD, SAGE BRUSH, INDIAN RICE GRASS AND RELATED GENERA, SALT BRUSH, PRICKLY PEAR, FUNNEL LILY, SHAD SCALE, RABBIT, COYOTE, SMALL REPTILES, SMALL INDIGENOUS BIRDS, SOME RAPTORS, INSECTS.

ENVIRONMENTAL PARAMETERS:

SURFACE GEOLOGY:

SOIL TYPE AND CHARACTERISTICS: LIGHT TAN TO LIGHT GRAY CLAY SOIL FORMED PRIMARILY FROM WEATHERED MANCOS SHALE.

SURFACE FORMATION & CHARACTERISTICS: MANCOS SHALE, MEDIUM TO DARK GRAY SHALE WITH OCCASIONAL THIN SEAMS OF SILTSTONE AND VERY FINE SANDSTONE; LOCALLY FOSSILIFEROUS.

EROSION/SEDIMENTATION/STABILITY: EROSION WITHIN 30' OF PROPOSED PAD SO I HAD THE WELLHEAD MOVED FOR A LARGER BUFFER, MINOR SEDIMENTATION, STABILITY PROBLEMS NEAR PROPOSED LOCATION.

PALEONTOLOGICAL POTENTIAL: NONE OBSERVED AT SITE.

SUBSURFACE GEOLOGY:

OBJECTIVES/DEPTHS: THE OBJECTIVE FORMATION IS THE COAL SEAMS OF THE FERRON SANDSTONE AT ABOUT 2300-2400'.

ABNORMAL PRESSURES-HIGH AND LOW: NO ABNORMAL PRESSURES ARE EXPECTED.

CULTURAL RESOURCES/ARCHAEOLOGY: THERE IS NO CULTURAL RESOURCE INTEREST IN THIS AREA.

CONSTRUCTION MATERIALS: LOCATION WILL BE CONSTRUCTED WITH MATERIALS AT THE SITE USING CUT & FILL AS NECESSARY. IT IS PROPOSED THAT THE ROADWAY BE GRAVELED AT A LATER DATE AFTER DRILLING IS COMPLETED. THE PAD WILL BE COMPLETELY BERMED.

SITE RECLAMATION: AS REQUIRED BY STATE LANDS.

RESERVE PIT:

CHARACTERISTICS: 50 X 50' MADE OF THE MANCOS CLAYS AT THE SITE.

LINING: NO LINING WILL BE REQUIRED.

MUD PROGRAM: HOLE WILL BE DRILLED WITH AIR OR FRESH WATER AND GEL SWEEPS AS NECESSARY FROM SURFACE TO 300'. FROM 300 TO TD THE WELL WILL BE DRILLED WITH AIR.

DRILLING WATER SUPPLY: WATER IS BEING PURCHASED FROM THE PRICE RIVER WATER IMPROVEMENT DISTRICT.

OTHER OBSERVATIONS

THE DIVISION OF WILDLIFE IS REQUIRING A RAPTOR SURVEY TO PROTECT THE ACTIVE NESTING SITES IN THE NEARBY CLIFFS. SLOPE ON PAD IS TO BE TO THE SE. DRAINAGE WILL BE CAPTURED BY THE BAR DITCHES OF THE PAD APPROACH ROAD WHICH ENTERS THE PAD FROM THE SW. WATER FROM THE NW SIDE OF THE ROAD WILL BE DEFLECTED TO UNDISTURBED GROUND BETWEEN THE APPROACH ROAD AND THE MAJOR DRAINAGE ON THE NORTH SIDE OF THE PAD. WATER FROM THE SOUTH AND EAST OF THE ROAD AND PAD WILL BE DEFLECTED TO UNDISTURBED GROUND TO THE EAST AND NORTH OF THE PAD, EVENTUALLY TO THE SAME DRAINAGE ON THE NORTH SIDE OF THE PAD.

STIPULATIONS FOR APD APPROVAL

PIT WILL BE LOCATED ON THE SOUTH SIDE OF THE LOCATION.

ATTACHMENTS

Photographs will be placed on file.

# UTAH DIVISION OF OIL, GAS AND MINING INSPECTION RECORD

Operator: RGU Lease Number: UT467921 X State  
 Well Name: Utah M-1 API Number: 43-007-30199  
 Sec: 26 Twp: 14s Rng: 9e County: Carbon Field: DWFFU  
 Well Status: SI

GENERAL	Inspected (✓)
1. Well Identification <span style="float: right;">✓</span>	✓
2. Well Equipment <span style="float: right;">WH, reserve pit, holding pit</span>	✓
3. Environmental Protection <span style="float: right;">✓</span>	✓
4. Temporary/Emergency Pits <span style="float: right;">✓</span>	✓
5. Spills, Discharges, Seepage <span style="float: right;">N</span>	✓
Remarks:	
OIL PRODUCTION	Inspected (✓)
1. Method of Measurement: Tank Gauge <input type="checkbox"/> LACT Unit <input type="checkbox"/> Other <input type="checkbox"/>	
2. Storage Facilities	
3. Lines Leaving Storage Facilities Sealed/Locked	
4. Oil Handling/Treatment Equipment	
Remarks:	
GAS PRODUCTION	Inspected (✓)
1. Type of Gas Production: Gas Well <input type="checkbox"/> Casinghead <input type="checkbox"/>	
2. Gas Disposition: Sold <input type="checkbox"/> Flared/Vented <input type="checkbox"/> Used on Lease <input type="checkbox"/> Other <input type="checkbox"/>	
3. Method of Measurement: Orifice Meter <input type="checkbox"/> Turbine Meter <input type="checkbox"/> Estimated <input type="checkbox"/> Other <input type="checkbox"/>	
4. Gas Handling/Treatment Equipment	
Remarks:	
PRODUCED WATER DISPOSAL	Inspected (✓)
1. Disposal Method: Unlined Pit <input type="checkbox"/> Lined Pit <input type="checkbox"/> Subsurface <input type="checkbox"/> Other <input type="checkbox"/>	
2. If Disposal by Pits, Are Pits Satisfactory? Yes <input type="checkbox"/> No <input type="checkbox"/>	
3. Other E & P Waste Disposal	
Remarks:	

Inspector: \_\_\_\_\_

AK

Date: \_\_\_\_\_

7/30/93

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
WORKOVER AND COMPLETION FORM

COMPANY: RIVER GAS OF UTAH COMPANY REP: MIKE FARRENS

WELL NAME: M-1 API NO: 43-007-30199

SECTION: 26 TWP: 14S RANGE: 9E

CONTRACTOR: \_\_\_\_\_ RIG NUMBER: \_\_\_\_\_

INSPECTOR: C. KIERST TIME: \_\_\_\_\_ AM/PM DATE: 9/1/93

OPERATIONS AT THE TIME OF INSPECTION: REPAIRING WIRING IN THE TEST HOLE

=====

WELL SIGN: Y TYPE OF WELL: MONITOR STATUS PRIOR TO WORKOVER: \_\_\_\_\_

H2S: \_\_\_\_\_ ENVIRONMENTAL: \_\_\_\_\_ PIT: \_\_\_\_\_ BOPE: \_\_\_\_\_

DISPOSITION OF FLUIDS USED: \_\_\_\_\_

DOES THIS WORKOVER QUALIFY FOR STATE TAX CREDITS: (Y/N) \_\_\_\_\_

PERFORATED: \_\_\_\_\_ STIMULATED: \_\_\_\_\_ SAND CONTROL: \_\_\_\_\_

WATER SHUT OFF: \_\_\_\_\_ WELLBORE CLEANOUT: \_\_\_\_\_ WELL DEEPENED: \_\_\_\_\_

CASING OR LINER REPAIR: \_\_\_\_\_ ENHANCED RECOVERY: \_\_\_\_\_ THIEF ZONE: \_\_\_\_\_

CHANGE OF LIFT SYSTEM: \_\_\_\_\_ TUBING CHANGE: \_\_\_\_\_ OTHER CEMENT SQUEEZE: \_\_\_\_\_

SURFACE EQUIPMENT CHANGES OR ASSOCIATED COSTS DO NOT QUALIFY FOR CREDITS.

=====

REMARKS:

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



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

Michael O. Leavitt  
Governor  
Ted Stewart  
Executive Director  
James W. Carter  
Division Director

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

July 22, 1993

River Gas of Utah, Inc.  
3600 Watermelon Road, Suite 204  
Northport, Alabama 35476

Gentlemen:

Re: Utah M-1 Well (Monitor Well), 2500' FNL, 2570' FEL, SW NE, Sec. 26, T. 14 S., R. 9 E., Carbon County, Utah

Pursuant to Utah Code Ann. § 40-6-18, (1953, as amended), Utah Admin. R. 649-2-3, Application of Rules to Unit Agreements and R. 649-3-4, Permitting of Wells to be Drilled, Deepened or Plugged-Back, approval to drill the referenced well is hereby granted.

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

1. Berm location to prevent runoff and divert drainages around location.
2. Compliance with the requirements of Utah Admin. R. 649-1 et seq., Oil and Gas Conservation General Rules.
3. Notification within 24 hours after drilling operations commence.
4. Submittal of Entity Action Form, Form 6, within five working days following commencement of drilling operations and whenever a change in operations or interests necessitates an entity status change.
5. Submittal of the Report of Water Encountered During Drilling, Form 7.
6. Prompt notification prior to commencing operations, if necessary, to plug and abandon the well. Notify Frank R. Matthews, Petroleum Engineer, (Office) (801)538-5340, (Home) (801)476-8613, or R.J. Firth, Associate Director, (Home) (801)571-6068.



Page 2  
River Gas of Utah, Inc.  
Utah M-1 Well (Monitor Well)  
July 22, 1993

7. Compliance with the requirements of Utah Admin. R. 649-3-20, Gas Flaring or Venting, if the well is completed for production.

Trash and sanitary waste should be properly contained and transported to approved disposal locations, not retained in or disposed of in pits on location or downhole. Prior to the commencement of drilling operations, the operator should consult the local/county sanitarian and/or the Department of Environmental Quality, Division of Drinking Water/Sanitation, regarding appropriate disposal of sanitary waste.

This approval shall expire one year after date of issuance unless substantial and continuous operation is underway or a request for an extension is made prior to the approval expiration date. The API number assigned to this well is 43-007-30199.

Sincerely,



R.J. Firth  
Associate Director, Oil and Gas

ldc  
Enclosures  
cc: Bureau of Land Management  
Carbon County Assessor  
State Lands and Forestry  
J.L. Thompson

WO11

OPERATOR River GAS of Utah, Inc.  
ADDRESS 3600 Watermelon Rd., Suite 204  
Northport, AL 35476

OPERATOR ACCT. NO. N 1600

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	11256	→	not yet assigned	M-1	SW/NE	26	14S	9E	Carbon	7-20-93	
WELL 1 COMMENTS: <p style="text-align: center;">43-007-30199</p> <p>Entity added 7-28-93. <i>lc</i></p>											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

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

NOTE: Use COMMENT section to explain why each Action Code was selected.  
(3/89)

**RECEIVED**  
JUL 26 1993  
DIVISION OF  
OIL GAS & MINING

*Ferry Bunn*  
Signature  
Geologist  
Date 7-22-93  
Title \_\_\_\_\_  
Phone No. (205) 759-3282

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: RIVER GAS OF UTAH 43-007-30199

WELL NAME: UTAH M-1

Section 26 Township 14S Range 9E County CARBON

Drilling Contractor PENSE BROTHERS

Rig # 2

SPUDDED: Date 7/20/93

Time 1:00 PM

How ROTARY

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

Reported by MIKE FARRENS

Telephone # 1-650-1162

Date 7/21/93 SIGNED JLT

**RECEIVED**

REPORT OF WATER ENCOUNTERED DURING DRILLING - FORM 7 (1/89)

JUL 26 1993

DIVISION OF  
OIL GAS & MINING

1. Well name and number: M-1  
API number: unassigned to date **43-007-30199**
2. Well location: QQ SW/NE section 26 township 14S range 9E county Carbon
3. Well operator: River Gas of Utah, Inc.  
Address: 3600 Watermelon Rd., Suite 204 phone: 205-759-3282  
Northport, AL 35476
4. Drilling contractor: Pense Brothers  
Address: 800 Newberry St., P.O. Box 551 phone: 314-783-3347  
Fredericktown, Missouri 63645

5. Water encountered (continue on reverse side if necessary)

Depth		Volume (flow rate or head)	Quality (fresh or salty)
from	to		
1860		15 gpm	fresh

6. Formation tops: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

If an analysis has been made of the water encountered, please attach a copy of the report to this form.

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

Name Terry Burns Signature Terry Burns  
 Title Geologist Date 7-22-93

Comments: Water producing zone is located in the Ferron Formation



LAW OFFICES

PRUITT, GUSHEE & BACHTELL

SUITE 1850 BENEFICIAL LIFE TOWER

SALT LAKE CITY, UTAH 84111-1495

(801) 531-8446

TELECOPIER (801) 531-8468

ROBERT G. PRUITT, JR.  
OLIVER W. GUSHEE, JR.  
THOMAS W. BACHTELL  
A. JOHN DAVIS, III  
JOHN W. ANDERSON  
FREDERICK M. MACDONALD  
ANGELA L. FRANKLIN

OF COUNSEL  
JOHN F. WALDO  
BRENT A. BOHMAN

February 17, 1995

Utah Division of Oil, Gas and Mining  
355 W. North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Attn: Lisha Cordova

Re: *River Gas Corporation Merger*

Dear Ms. Cordova:

As you may recall, this office serves as Utah legal counsel for River Gas Corporation ("RGC"). Effective January 1, 1995, River Gas of Utah, Inc. ("RGU") merged into RGC as evidenced by the enclosed Certification of Articles of Merger issued by the Utah Department of Commerce. I have also enclosed a listing of all wells which, to the best of RGC's knowledge, RGU operated and an amendment to the Letter of Credit from RGU's surety recognizing the merger and confirming bond coverage for RGC.

Based on the enclosed documentation, please change your records to reflect that RGC is the current operator of all wells formerly operated by RGU. If a formal decision letter recognizing the merger is to be executed, please send the original to RGC at the following address:

River Gas Corporation  
Attention: Joseph L. Stephenson, Vice President-Land  
511 Energy Center Blvd.  
Northport, Alabama 35476,

with a copy to me at the letterhead address.

RECEIVED

FEB 17 1995

DIVISION OF  
OIL, GAS & MINING

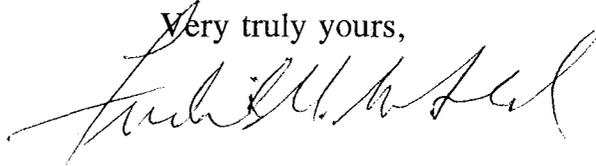
Utah Division of Oil, Gas and Mining

February 17, 1995

Page 2

I thank you in advance for your time and cooperation and, should there be any questions or problems, please do not hesitate to contact me.

Very truly yours,

A handwritten signature in cursive script, appearing to read "Frederick M. MacDonald".

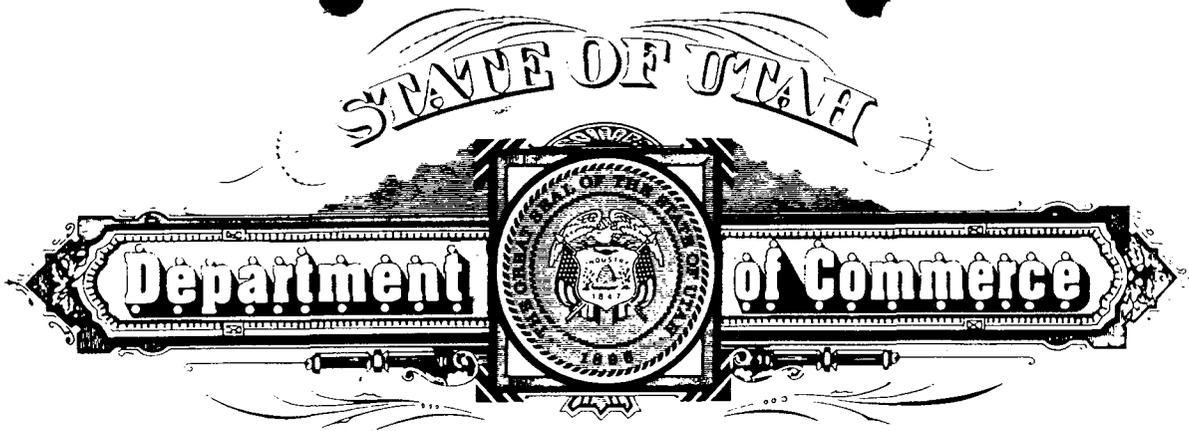
Frederick M. MacDonald

FMM:sp

1526.39

Enclosures

cc: Joseph L. Stephenson



## CERTIFICATION OF ARTICLES OF MERGER

THE UTAH DIVISION OF CORPORATIONS AND COMMERCIAL CODE HEREBY CERTIFIES THAT Articles of Merger were filed with this office on January 1, 1995, merging RIVER GAS OF UTAH, INC., a corporation of the State of Utah, into RIVER GAS CORPORATION, the surviving corporation which is of the State of Alabama,

AS APPEARS OF RECORD IN THE OFFICES OF THE DIVISION.

File Number: *CO 171151*



Dated this 16th day  
of February, 19 95.

*Korla S. Woods*

Korla T. Woods  
Director, Division of  
Corporations and Commercial Code

# Speed Letter®

To Ed Bonner  
~~State Lands~~ SCHOOL & INSTITUTIONAL  
TRUST LANDS ADMIN.

From Don Staley  
Oil, Gas and Mining

Subject Operator Change

- No. 8 & 10 FOLD  
MESSAGE

Date 3/10 19 95

Ed,

For your information, attached are copies of documents regarding an operator change on a state lease(s). These companies have complied with our requirements. Our records have been updated. Bonding should be reviewed by State Lands ASAP.

Former Operator: River Gas of Utah Inc (N1600)

New Operator : River Gas Corporation (N1605)

Well:

API:

Entity:

S-T-R:

See Attachments

- No. 9 FOLD

- No. 10 FOLD

CC: Operator File

Signed

Don Staley

REPLY

Date \_\_\_\_\_ 19 \_\_\_\_\_

- No. 8 & 10 FOLD

Signed

API Number	Well Number	Township, Range, Section	County
43-007-30199	M1/0.1.	14 South, 9 East, 26	Carbon
43-007-30130	✓Utah 25-09-01	14 South, 9 East, 25	Carbon
43-007-30178	✓Utah 36-01-02	14 South, 9 East, 36	Carbon
43-007-30143	✓Utah 31-03-03	14 South, 10 East, 31	Carbon
43-007-30142	✓Utah 36-03-04	14 South, 9 East, 36	Carbon
43-007-30144	✓Utah 36-09-05	14 South, 9 East, 36	Carbon
43-007-30156	✓Utah 25-07-06	14 South, 9 East, 25	Carbon
43-007-30157	✓Utah 25-11-07	14 South, 9 East, 25	Carbon
43-007-30181	✓Utah 26-16-08	14 South, 9 East, 26	Carbon
43-007-30180	✓Utah 35-01-09	14 South, 9 East, 35	Carbon
43-007-30183	✓Utah 31-12-10	14 South, 10 East, 31	Carbon
43-007-30184	✓Utah 36-11-11	14 South, 9 East, 36	Carbon
43-007-30182	✓Utah 19-14-12	14 South, 10 East, 19	Carbon
43-007-30179	✓Utah 30-05-13	14 South, 10 East, 30	Carbon
43-007-30185	✓Utah 30-13-14	14 South, 10 East, 30	Carbon
43-007-30191	✓Utah 24-01-15	14 South, 9 East, 24	Carbon
43-007-30187	✓Utah 24-03-16	14 South, 9 East, 24	Carbon
43-007-30208	✓Utah 24-12-17	14 South, 9 East, 24	Carbon
43-007-30192	✓Utah 24-16-18	14 South, 9 East, 24	Carbon
43-007-30207	✓Utah 23-02-19	14 South, 9 East, 23	Carbon
43-007-30194	✓Utah 23-04-20	14 South, 9 East, 23	Carbon
43-007-30200	✓Utah 23-14-21	14 South, 9 East, 23	Carbon
43-007-30201	✓Utah 23-09-22	14 South, 9 East, 23	Carbon
43-007-30205	✓Utah 26-01-23	14 South, 9 East, 26	Carbon
43-007-30202	✓Utah 26-06-24	14 South, 9 East, 26	Carbon

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

Routing:

1- <del>EPC</del> / GLL
2-LWP / <del>7-PL</del> <i>Cal</i>
3- <del>DT</del> 8-SJ ✓
4-VLC 9-FILE
5-RJF ✓
6-LWP ✓

Attach all documentation received by the division regarding this change.  
 Initial each listed item when completed. Write N/A if item is not applicable.

Change of Operator                       Designation of Agent  
 Designation of Operator                 Operator Name Change *Only*

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 1-1-95)

TO (new operator)	<u>RIVER GAS CORPORATION</u>	FROM (former operator)	<u>RIVER GAS OF UTAH INC</u>
(address)	<u>511 ENERGY CENTER BLVD</u>	(address)	<u>511 ENERGY CENTER BLVD</u>
	<u>NORTHPORT AL 35476</u>		<u>NORTHPORT AL 35476</u>
phone (205)	<u>759-3282</u>	phone (205)	<u>759-3282</u>
account no.	<u>N 1605 (2-1-95)</u>	account no.	<u>N 1600</u>

Well(s) (attach additional page if needed):

**\*DRUNKARDS WASH UNIT**

Name: <b>**SEE ATTACHED**</b>	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

**OPERATOR CHANGE DOCUMENTATION**

- Yic* 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Reg. 2-1-95) (Rec'd 2-17-95)*
- N/A* 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).
- Yic* 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) \_\_\_\_ If yes, show company file number: #171151. *(c.A. 12/94)*
- Yic* 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- Yic* 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(3-7-95)*
- LWP* 6. Cardex file has been updated for each well listed above. *3-8-95*
- LWP* 7. Well file labels have been updated for each well listed above. *3-9-95*
- Yic* 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(3-6-95)*
- Yic* 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes  no  \_\_\_\_ (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only) *\*Trust Lands / IDLOC # S 304606 / 80,000 "Nm Chg Rider rec'd & Appv."*

- 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond. *IDLOC # 5308586 / 80,000 "Nm Chg Rider rec'd 1-30-95"*
- 2. A copy of this form has been placed in the new and former operators' bond files.
- 3. The former operator has requested a release of liability from their bond (yes/no) \_\_\_\_ . Today's date \_\_\_\_\_ 19\_\_\_\_. If yes, division response was made by letter dated \_\_\_\_\_ 19\_\_\_\_.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- 1. (Rule R615-2-10) The former operator/lessee of any **fee lease** well listed above has been notified by letter dated \_\_\_\_\_ 19\_\_\_\_, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- 2. Copies of documents have been sent to State Lands for changes involving State leases. *3/10/95 to Ed Bonner*

FILMING

- 1. All attachments to this form have been microfilmed. Date: 4.6 1999.

FILING

- 1. Copies of all attachments to this form have been filed in each well file.
- 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

*\* Bm/SE Appv. eff. 2-16-95.*  
*950307 GH/WIC FE Not necessary 31-01-01/wic, Telonis #1/WDD, Area #1/WDD.*

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

7. Indian Allottee or Tribe Name  
N/A

8. Unit or Communitization Agreement  
Drunkards Wash UTU 67921x

9. Well Name and Number  
Utah M-1

10. API Well Number  
43-007-30199

11. Field and Pool, or Wildcat  
Drunkards Wash

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

2. Name of Operator  
River Gas Corporation

3. Address of Operator  
511 Energy Center Boulevard Northport, AL 35473

4. Telephone Number  
205-759-3282

5. Location of Well  
 Footage : 2500' FNL, 2570' FWL    County : Carbon  
 QG, Sec, T., R., M. : SW/NE Sec. 26, T14S, R9E    State : UTAH

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

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

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

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

Abandonment \*     New Construction  
 Casing Repair     Pull or Alter Casing  
 Change of Plans     Shoot or Acidize  
 Conversion to Injection     Vent or Flare  
 Fracture Treat     Water Shut-Off  
 Other \_\_\_\_\_  
 Date of Work Completion \_\_\_\_\_  
 Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.  
 \* Must be accompanied by a cement verification report.

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

This well was drilled for the sole purpose of monitoring bottom-hole pressure. Monitoring began in the fall of 1993. Presently, there are no plans to produce gas from this well.

**CONFIDENTIAL**



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

Name & Signature Terry D. Burns *Terry D. Burns*    Title Geologist    Date 12-30-98  
 (State Use Only)

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NO.

ML-40115

**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  Other Monitor

7. UNIT AGREEMENT NAME

Drunkards Wash UTU-67921X

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

8. FARM OR LEASE NAME

Utah

2. NAME OF OPERATOR

RIVER GAS CORPORATION

9. WELL NO.

M-1

3. ADDRESS OF OPERATOR

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

10. FIELD AND POOL, OR WILDCAT

Drunkards Wash

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

At surface 2570' FEL & 2500' FNL

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

SW/NE, Sec. 26, T14S, R09E, SLB&M

At top prod. interval reported below

12. COUNTY

Carbon

13. STATE

Utah

15. DATE SPUDED

7/20/93

16. DATE T.D. REACHED

7/23/93

17. DATE COMPL. (Ready to prod. or Plug & Abd.)

7-23-93

18. ELEVATIONS (DF, REB, RT, GR, ETC.)

GR 8516.9'

19. ELEV. CASINGHEAD

N/A

20. TOTAL DEPTH, MD & TVD

2260'

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

22. IF MULTIPLE COMPL., HOW MANY

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)

25. WAS DIRECTIONAL SURVEY MADE  
YES

26. TYPE ELECTRIC AND OTHER LOGS RUN

CBL, GR, Dual Induction Short Guard, High Resolution Density, High Resolution Spectral, Spectral Density, Spectral Density Dual.

27. WAS WELL CORED

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"		18'	14-3/4"		
8-5/8"	24#/ft	309'	11"	135 sks. Type V	
5-1/2"	17#/ft	2250.7'	7-7/8"	110 sacks hifil, 70sacks type V	

29. LINER RECORD

30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	2040'	2000'

31. PERFORATION RECORD (Interval, size and number)

1854-58' (2 spf)  
1952-58' (2 spf)  
2033-46' (2 spf)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
1854-1858'	

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)				WELL STATUS (Producing or shut-in) Shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL---BBL.	GAS---MCF.	WATER---BBL.	GAS-OIL RATIO
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL---BBL.	GAS---MCF.	WATER---BBL.	OIL GRAVITY - API (CORR.)	

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

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

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

SIGNED

*Cal North*

TITLE

Petroleum Engineer

DATE

March 15, 1999

**CONFIDENTIAL**

See Spaces for Additional Data on Reverse Side

**COPY**

WELL NUMBER: M-1

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Ferron	1842'	2050'	Sandstone, Silst. & Coal	Blue Gate Bentonite Turnuck Shale	1686'	2160'	

38. GEOLOGIC MARKERS

CONFIDENTIAL  
COPY

DIVISION OF OIL, GAS AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. Type of Well: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER:	5. Lease Designation and Serial Number:
2. Name of Operator: River Gas Corporation	6. If Indian, Allottee or Tribe Name:
3. Address and Telephone Number: 6825 S. 5300 W. P.O. Box 851 Price, Utah 84501 (435) 613-9777	7. Unit Agreement Name:
4. Location of Well Footages: QQ, Sec., T., R., M.: SLB & M	8. Well Name and Number:
	9. API Well Number:
	10. Field or Pool, or Wildcat:
	County: Carbon County State: Utah

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

NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
<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 _____
<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

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

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

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

13. Name & Signature: Cal Hurtt  Title: Development Manager Date: 12/19/00

(This space for state use only)

## RGC/Phillips Merger

### List of Affected BLM Leases and Rights-of-Way

#### A. Oil & Gas Leases

UTU-47157	UTU-70219	UTU-75016
UTU-49631	UTU-70400	UTU-75019
UTU-50645	UTU-71390	UTU-75021
UTU-51584	UTU-72003	UTU-75022
UTU-53872	UTU-72004	UTU-76332
UTU-57821	UTU-72350	UTU-76334
UTU-60402	UTU-72355	UTU-77351
UTU-60925	UTU-72358	UTU-77353
UTU-61154	UTU-72377	UTU-77354
UTU-61155	UTU-72470	UTU-78408
UTU-61158	UTU-72477	UTU-78409
UTU-61547	UTU-72624	UTU-78410
UTU-61548	UTU-72723	UTU-78411
UTU-62145	UTU-72724	UTU-78412
UTU-62276	UTU-72746	UTU-78413
UTU-65298	UTU-73004	UTU-78782
UTU-65300	UTU-73075	UTU-78783
UTU-65302	UTU-73330	UTU-79150
UTU-65303	UTU-73331	UTU-79151
UTU-67621	UTU-73523	UTU-79152
UTU-67839	UTU-73752	UTU-79153
UTU-67906	UTU-73884	UTU-79154
UTU-68314	UTU-74376	UTU-79155
UTU-69449	UTU-75015	UTU-79159

#### B. Rights-of-Way

UTU-73226	UTU-77141	UTU-77976
UTU-74319	UTU-77141-01	UTU-77989
UTU-74320	UTU-77151	UTU-77989-01
UTU-76610	UTU-77151-01	
UTU-76629	UTU-77154	

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.

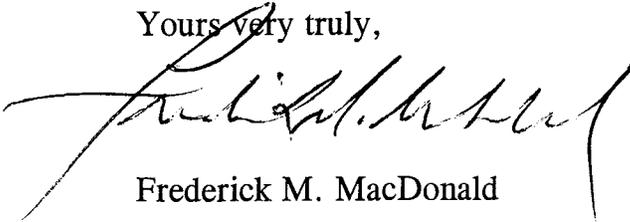
Mr. Jim Thompson

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". The signature is written in a cursive style with a long, sweeping underline that extends to the right.

Frederick M. MacDonald

FMM:cs

2078.16

Enclosures

cc: W. H. Rainbolt

Billy Stacy



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

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

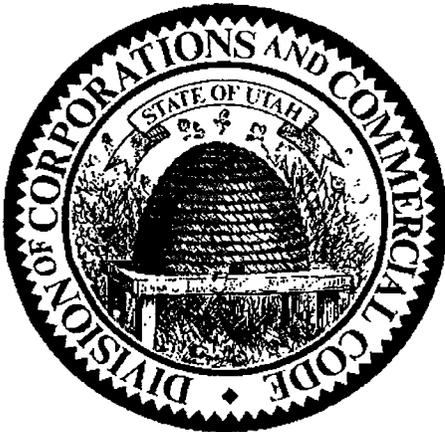
01/12/01

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## CERTIFICATE OF ARTICLES OF MERGER

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

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



*Ric Campbell*

Ric Campbell  
Acting Division Director of  
Corporations and Commercial Code

---

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

6870000000  
0017191

Office of the Secretary of State

TS

12/13/2000  
Date:  
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

State 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 2000 in the office of this Division and hereby issue this Certificate thereof.

Examiner [Signature] Date 12/13/00  
[Signature]  
RIC CAMPBELL  
ACTING DIRECTOR



[Signature]  
Edward J. Freel, Secretary of State  
AUTHENTICATION: 0837738

0064324 8100M

001609453

DATE: 12-07-00

**CERTIFICATE OF OWNERSHIP AND MERGER**

**OF**

**RIVER GAS CORPORATION**

**(an Alabama corporation)**

**into**

**Phillips Petroleum Company**

**(a Delaware corporation)**

It is hereby certified that:

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

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

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

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

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

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

12-12-00P04:02 RCVD

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

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

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

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

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

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

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

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

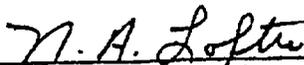
"Any Vice President, the Treasurer, any Assistant Treasurer, the Secretary, any Assistant Secretary, and each of them severally, be and hereby is authorized to make, execute,

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

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

Executed on November 27, 2000

Phillips Petroleum Company

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



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

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

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

JAN 30 2001

### NOTICE

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

### Merger Recognized

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

The oil and gas lease files and rights-of-way files identified on the enclosed exhibit have been noted as to the merger. The exhibit is the list supplied by the representative of the companies, and verified by our computerized records. We have not adjudicated the case files to determine if the entity affected by the merger holds an interest in the leases identified, nor have we attempted to identify leases where the entity is the operator on the ground, maintaining no vested record title or operating rights interest. We are notifying the Minerals Management Service and all applicable BLM offices of the merger by a copy of this notice. If additional documentation for a change of operator is required by our Field Offices, you will be contacted by them.

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

**ROBERT LOPEZ**

Robert Lopez  
Chief, Branch of  
Minerals Adjudication

Enclosure  
Exhibit of Leases

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FEB 02 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, 8<sup>th</sup> Floor  
Brooklyn, NY 11245  
Teresa Thompson (UT-931)  
LaVerne Steah (UT-942)  
Pruitt, Gushee & Bachtell, Attn: Frederick M. MacDonald, Suite 1850 Beneficial Life Tower,  
Salt Lake City, Utah 84111-1495  
BLM, Eastern States Office (Attn: Bill Forbes)

**OPERATOR CHANGE WORKSHEET**

**ROUTING**

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

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

**X Merger**

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

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

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

**CA No.**

**Unit: DRUNKARDS WASH**

**WELL(S)**

NAME	API NO.	ENTITY NO.	SEC. TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
FAUSETT D5	43-007-30351	12165	16-14S-09E	Fee	SWD	A
ARCADIA-TELONIS 1 (D-2)	43-007-30093	99990	19-14S-09E	Fee	SWD	A
UTAH D-4	43-007-30314	11256	24-14S-09E	State	SWD	A
UTAH M-1	43-007-30199	11256	26-14S-09E	State	SWD	A
UTAH D-9	43-007-30438	12771	32-14S-09E	State	SWD	A
USA D6	43-007-30100	12466	34-14S-09E	Federal	SWD	A
DRUNKARDS WASH 31-1 (D-1)	43-007-30040	11256	31-14S-10E	State	SWD	A
UTAH D8	43-007-30431	11256	12-15S-09E	State	SWD	A
RGC D-10	43-007-30520	12545	28-15S-09E	Fee	SWD	A
UTAH M-2	43-007-30066	2889	34-15S-09E	Federal	TW	A
SAMPINOS D-14	43-007-30567	12729	16-15S-10E	Fee	SWD	A
UTAH D-3	43-007-30290	11256	18-15S-10E	State	SWD	A
UTAH D7	43-015-30338	12404	02-16S-09E	State	SWD	A
D-11	43-015-30356	12572	13-16S-09E	Federal	SWD	A

**OPERATOR CHANGES DOCUMENTATION**

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

4. Is the new operator registered in the State of Utah: YES Business Number: 562960-0143
5. If **NO**, the operator was contacted on: \_\_\_\_\_
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: 01/30/2001
7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: N/A
8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A
9. **Underground Injection Control ("UIC") 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: 02/22/2001

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 02/20/2001
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 02/20/2001
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

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

1. (R649-3-1) The **NEW** operator of any fee well(s) listed has furnished a bond: P-207328
2. The **FORMER** operator has requested a release of liability from their bond on: N/A  
The Division sent response by letter on: N/A
3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

**FILMING:**

1. All attachments to this form have been **MICROFILMED** on: 2.22.01

**FILING:**

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

**COMMENTS:**

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



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

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

Gentlemen:

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

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

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

**U.S. Mail Address:**

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

**Physical Address & Overnight Delivery:**

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

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

Attn: Chief Landman,  
San Juan/Rockies

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

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

Sincerely,

*William Rainbat*

**RECEIVED**

DEC 02 2002

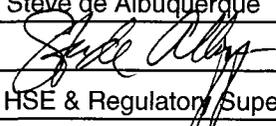
DIVISION OF  
OIL, GAS AND MINING

**TRANSFER OF AUTHORITY TO INJECT**

Well Name and Number See Attached List	API Number See List
Location of Well Footage : See Attached List County : QQ, Section, Township, Range:	Field or Unit Name Lease Designation and Number
State : UTAH	

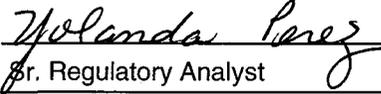
EFFECTIVE DATE OF TRANSFER: 1/1/2003

**CURRENT OPERATOR**

Company: <u>Phillips Petroleum Company</u>	Name: <u>Steve de Albuquerque</u>
Address: <u>980 Plaza Office</u>	Signature: 
<u>city Bartlesville state OK zip 74004</u>	Title: <u>HSE &amp; Regulatory Supervisor</u>
Phone: <u>(918) 661-4415</u>	Date: <u>12/30/2002</u>

Comments: Conoco Inc. and Phillips Petroleum Company merged to form ConocoPhillips Company. Please see attached list of wells effected by name change.

**NEW OPERATOR**

Company: <u>ConocoPhillips Company</u>	Name: <u>Yolanda Perez</u>
Address: <u>P. O. Box 2197, WL3 4066</u>	Signature: 
<u>city Houston state TX zip 77252</u>	Title: <u>Sr. Regulatory Analyst</u>
Phone: <u>(832) 486-2329</u>	Date: <u>12/30/2002</u>

Comments: Conoco Inc. and Phillips Petroleum Company merged to form ConocoPhillips Company. Please see attached list of wells effected by name change.

(This space for State use only)

Transfer approved by:   
Title: TECH. SERVICES MANAGER

Approval Date: 2-3-03

Comments: D5, D2 + D3 are due for MIT.

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**JAN 08 2003**  
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UIC Well List

SWD WELLS							
api	well_name	section	township	range	well_type	well_status	lease_type
4300730093	ARCADIA-TELONIS 1 (D-2)	19	140S	090E	WD	A	FEE
4301530356	D-11	13	160S	090E	WD	A	FEDERAL
4300730040	DRUNKARDS WASH 31-1 (D-1 )	31	140S	100E	WD	A	STATE
4300730351	FAUSETT D5	16	140S	090E	WD	A	FEE
4301530531	PPCO D13	30	160S	090E	WD	DRL	FEE
4300730520	RGC D-10	28	150S	090E	WD	A	FEE
4300730567	SAMPINOS D-14	16	150S	100E	WD	A	FEE
4300730100	USA D6	34	140S	090E	WD	A	FEDERAL
4300730819	UTAH D15	34	130S	090E	WD	APD	STATE
4300730290	UTAH D-3	18	150S	100E	WD	A	STATE
4300730314	UTAH D-4	24	140S	090E	WD	A	STATE
4301530338	UTAH D7	02	160S	090E	WD	A	STATE
4300730431	UTAH D8	12	150S	090E	WD	A	STATE
4300730438	UTAH D-9	32	140S	090E	WD	A	STATE
4300730199	UTAH M-1	26	140S	090E	TW	A	STATE
4300730066	UTAH M-2	34	150S	090E	TW	A	FEDERAL

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DIV. OF OIL, GAS & MINING

List of Produced Water Ponds/Pits

	Permit/ License No.	State/Federal		Immediate Name Change Required		Other Immediate Actions Required*		Agency	Agency Contact Name	Agency Contact Number
		S	F	Y	N	Y	N			
1	EVAPORATION POND	X		X				Utah Dept of Natural Resources, Dept. of Oil Gas and Mining	Gil Hunt	(801) 538-5340
2	D-1 POND	X		X				Utah Dept of Natural Resources, Dept. of Oil Gas and Mining	Gil Hunt	(801) 538-5340
3	D-2 (C-2) POND	X		X				Utah Dept of Natural Resources, Dept. of Oil Gas and Mining	Gil Hunt	(801) 538-5340
4	D-3 POND	X		X				Utah Dept of Natural Resources, Dept. of Oil Gas and Mining	Gil Hunt	(801) 538-5340

\* Describe: OPERATIONAL PERMITS FOR PRODUCED WATER PONDS

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**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 Bartlesville STATE OK ZIP 74004		7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER: (918) 661-4415		8. WELL NAME and NUMBER: See Attached List
4. LOCATION OF WELL FOOTAGES AT SURFACE: See Attached List		9. API NUMBER: See List
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		10. FIELD AND POOL, OR WILDCAT:
COUNTY:		STATE: <b>UTAH</b>

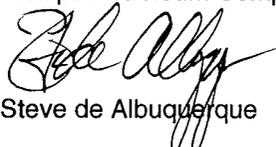
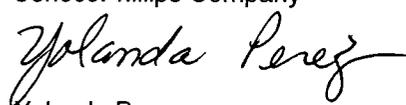
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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

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

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

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

Current Operator Phillips Petroleum Company  Steve de Albuquerque	New Operator ConocoPhillips Company  Yolanda Perez
--	---

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

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

(This space for State use only)

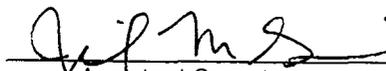


## SECRETARY'S CERTIFICATE

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

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

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

  
 Assistant Secretary  
 ConocoPhillips Company

STATE OF TEXAS           §  
                                      §  
 COUNTY OF HARRIS       §

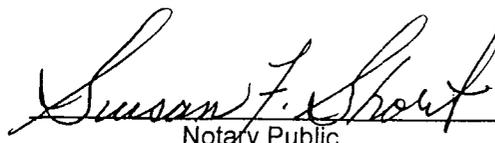
This instrument was acknowledged before me on January 7, 2003, by Jennifer M. Garcia, Assistant Secretary of ConocoPhillips Company, a Delaware corporation, on behalf of said Corporation.



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JAN 08 2003

DIV. OF OIL, GAS & MINING

  
 Notary Public

# Delaware

PAGE 1

*The First State*

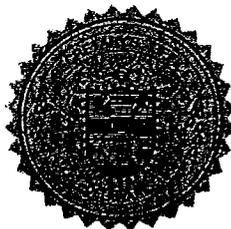
I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "PHILLIPS PETROLEUM COMPANY", CHANGING ITS NAME FROM "PHILLIPS PETROLEUM COMPANY" TO "CONOCOPHILLIPS COMPANY", FILED IN THIS OFFICE ON THE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



0064324 8100

030002793

*Harriet Smith Windsor*

Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 2183360

DATE: 01-02-03

FROM RL&F#1

(THU) 12. 12 ' 02 13:32/ST. 13:34:00  
STATE OF DELAWARE  
SECRETARY OF STATE 5  
DIVISION OF CORPORATIONS  
FILED 01:41 PM 12/12/2002  
020763238 - 0064324

**CERTIFICATE OF AMENDMENT**  
to the  
**RESTATED CERTIFICATE OF INCORPORATION**  
of  
**PHILLIPS PETROLEUM COMPANY**  
(to be renamed ConocoPhillips Company)

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

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

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

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

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

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

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

HOU03.884504.1

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DIV. OF OIL, GAS & MINING

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

PHILLIPS PETROLEUM COMPANY

WJ

By: \_\_\_\_\_

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

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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,

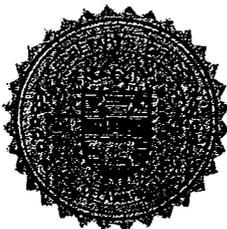
WITH AND INTO "CONOCOPHILLIPS COMPANY" UNDER THE NAME OF "CONOCOPHILLIPS COMPANY", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE TWELFTH DAY OF DECEMBER, A.D. 2002, AT 1:44 O'CLOCK P.M.

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



0064324 8100M

030002793

*Harriet Smith Windsor*

Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 2183370

DATE: 01-02-03

**CERTIFICATE OF MERGER**

of

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

with and into

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

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

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

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

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

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

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

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

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**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)

WJ

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

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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

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JAN 08 2003

DIV. OF OIL, GAS & MINING

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

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



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

562960-0143 Corporation - Foreign - Profit

\*RENEWAL

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

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



# United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Eastern States Office  
7450 Boston Boulevard  
Springfield, Virginia 22153

IN REPLY REFER TO  
3106.8(932.34)WF

January 16, 2003

## NOTICE

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

### Merger/Name Change Recognized

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

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

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

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

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

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

*S/ Wilbert B. Forbes*

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

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

**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. GLH	<input checked="" type="checkbox"/>
2. CDW	
3. FILE	

Change of Operator (Well Sold)

Designation of Agent/Operator

Operator Name Change

**X Merger**

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

<b>FROM:</b> (Old Operator):	<b>TO:</b> ( 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:**

**WELL(S)**

NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
UTAH D-15	34-13S-09E	43-007-30819	99999	STATE	SWD	APD
FAUSETT D-5	16-14S-09E	43-007-30351	12165	FEE	SWD	A
ARCADIA-TELONIS 1 (D-2)	19-14S-09E	43-007-30093	99990	FEE	SWD	A
UTAH D-4	24-14S-09E	43-007-30314	11256	STATE	SWD	A
UTAH M-1	26-14S-09E	43-007-30199	11256	STATE	TW	A
UTAH D-9	32-14S-09E	43-007-30438	12771	STATE	SWD	A
USA D-6	34-14S-09E	43-007-30100	12466	FEDERAL	SWD	A
UTAH D-8	12-15S-09E	43-007-30431	11256	STATE	SWD	A
RGC D-10	28-15S-09E	43-007-30520	12545	FEE	SWD	A
UTAH M-2	34-15S-09E	43-007-30066	2889	FEDERAL	TW	A
DRUNKARDS WASH 31-1 (D-1)	31-14S-10E	43-007-30040	11256	STATE	SWD	A
SAMPINOS D-14	16-15S-10E	43-007-30567	12729	FEE	SWD	A
UTAH D-3	18-15S-10E	43-007-30290	11256	STATE	SWD	A
UTAH D-7	02-16S-09E	43-015-30338	12404	STATE	SWD	A
D-11	13-16S-09E	43-015-30356	12572	FEDERAL	SWD	A
PPCO D13	30-16S-09E	43-015-30531	99999	FEE	SWD	DRL

**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 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: 02/04/2003

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 02/03/2003
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 02/03/2003
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

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

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

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

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

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

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

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

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 6196922
2. The **FORMER** operator has requested a release of liability from their bond on: N/A  
The Division sent response by letter on: N/A

**LEASE INTEREST OWNER NOTIFICATION:**

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

**COMMENTS:**

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<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: ML-40115
1. TYPE OF WELL Test Well	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: CONOCOPHILLIPS COMPANY	7. UNIT or CA AGREEMENT NAME: DRUNKARDS WASH
3. ADDRESS OF OPERATOR: P.O. Box 51810 , Midland, TX, 79710 1810	8. WELL NAME and NUMBER: UTAH M-1
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2500 FNL 2570 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 26 Township: 14.0S Range: 09.0E Meridian: S	9. API NUMBER: 43007301990000
9. FIELD and POOL or WILDCAT: DRUNKARDS WASH	COUNTY: CARBON
9. FIELD and POOL or WILDCAT: DRUNKARDS WASH	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: <b>8/1/2013</b>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input checked="" type="checkbox"/> <b>PLUG AND ABANDON</b>	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

ConocoPhillips Company respectfully request to plug and abandon the above well. Please see attached proposed procedure.

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

Date: April 15, 2013  
By: *Donna Williams*

NAME (PLEASE PRINT) Donna Williams	PHONE NUMBER 432 688-6943	TITLE Sr. Regulatory Specialist
SIGNATURE N/A	DATE 4/9/2013	



**The Utah Division of Oil, Gas, and Mining**

- State of Utah  
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

**Sundry Conditions of Approval Well Number 43007301990000**

- 1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338.**
- 2. Possible Amendment to Plug #2 and Additional Plug # 3: If circulation is established through perfs @ 1620' then no amendment to Plug #2 or additional Plug # 3 is necessary. Continue as proposed. If injection into the perfs cannot be established at 1620': a 100' minimum plug ( $\pm 12$  sx) shall be balanced from  $\pm 1650'$  to  $1550'$ . Then, Add Plug #3: RIH and perforate  $5 \frac{1}{2}''$  @  $\pm 350'$ . Establish circulation down the  $5 \frac{1}{2}''$  casing back up the  $5 \frac{1}{2}'' \times 8 \frac{5}{8}''$  annulus. If injection into the perfs cannot be established a 400' plug ( $\pm 46$  sx) shall be balanced from  $\pm 400'$  to surface. If injection is established: M&P 115 sx cement and circulate back to surface, leaving hole full inside and out.**
- 3. All balanced plugs shall be tagged to ensure that they are at the depth specified.**
- 4. All annuli shall be cemented from a minimum depth of 100' to the surface.**
- 5. Surface reclamation shall be done in accordance with R649-3-34 – Well Site Restoration.**
- 6. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.**
- 7. If there are any changes to the procedure or the wellbore configuration, notify Dustin Doucet at 801-538-5281 (ofc) or 801-733-0983 (home) prior to continuing with the procedure.**
- 8. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.**

4/15/2013

# Wellbore Diagram

r263

**API Well No:** 43-007-30199-00-00 **Permit No:**  
**Company Name:** CONOCOPHILLIPS COMPANY  
**Location:** Sec: 26 T: 14S R: 9E Spot: SWNE  
**Coordinates:** X: 510171 Y: 4381058  
**Field Name:** DRUNKARDS WASH  
**County Name:** CARBON

**Well Name/No:** UTAH M-1

### String Information

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)	Capacity (cf/cf)
HOL1	309	11			
SURF	309	8.625	24		
HOL2	2260	7.875			
PROD	2250	5.5	17		

$7\frac{7}{8}'' \times 5\frac{1}{2}'' (108)$  →  $7.661$   
 $4.09$

Cement from 309 ft. to surface  
 Surface: 8.625 in. @ 309 ft.  
 Hole: 11 in. @ 309 ft.

Possible Plug #3 (if no inj. @ 1620')

$\boxed{OUT} \ 350' / (1.15)(4.09) = 75 \text{ SK}$

$\boxed{IN} \ 350' / (1.15)(7.661) = 40 \text{ SK}$

$\frac{115 \text{ SK total}}$

### Cement Information

String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
PROD	2250	1700	HG	110
PROD	2250	1700	T5	70
PROD	1700	650	HG	110
PROD	1700	650	T5	70
SURF	309	0	T5	135

### Perforation Information

Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Squeeze
1854	2046			

Plug #2

Note: WGR notes 165 sk Hifill pumped Est TOC for Hifill 650' from CBL, No inj. Probable will need to set plug across perfs (1650' to 1550' - 125 sk) if no inj. and perf/circ. @ ±350' to surface.

$\boxed{OUT} \ 1620' / (1.60)(4.09) = 247 \text{ SK}$  Propose 338 SK ✓ OK

$\boxed{IN} \ 1620' / (1.15)(7.661) = 184 \text{ SK}$  Propose 190 SK ✓ OK

Cement from 1700 ft. to 650 ft.

### Formation Information

Formation	Depth
BLUGT	1686
FRSD	1842
TNUNK	2160

Plug #1

$\boxed{OUT} \ 1808' / (1.15)(7.661) = 158 \text{ SK}$

FOC @ 1650' ✓ OK

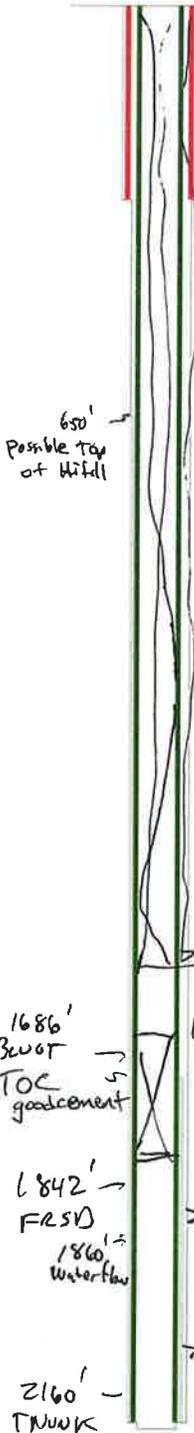
Cement from 2250 ft. to 1700 ft.

Production: 5.5 in. @ 2250 ft.

Hole: Unknown

Hole: 7.875 in. @ 2260 ft.

**TD:** 2260 **TVD:** **PBTD:**



## Procedure

### • Pre-Job

- 1) Project Leads / Rig Supervisor – Perform location Risk Assessment and notify Projects Supervisor of any Location Preparation or Hazard Removal needed prior to initial move on.
- 2) Project Leads / Rig Supervisor – Inspect and Test rig anchors in accordance with local asset policy prior to rig move on.
  - 72 Hr ONE CALL notification required prior to set anchors.
  - Pull Test new anchors to 25,000 lbs pull.
  - Pull Test existing anchors to 20,000 lbs pull.
- 3) Coordinate with MSO for operational timing on any well shut in and LOTO for rig ups, rig downs, and as otherwise needed. After shut in and LOTO, inspect location and ensure well has been isolated and production equipment has been removed from service by MSO / MNT per COP LOTO Procedure.
  - Reference Hazardous Energy LOTO and Try Level 1 Compliance Procedure (L48 06 S19-Pr).
- 4) Confirm that there is or isn't tubing in the well, check wellhead connections to insure we can work on well safely.
- 5) Check current casing and annular pressures – record in WV daily during operations.
- 6) Move in two 400 bbl frac tanks. One for kill fluid and the other as a flowback tank. Truck in 400 bbls of lease water as kill fluid.
- 7) Run a flowback line from 5.5" x 8 5/8" annulus to the flowback tank

### • Job

1. Hold pre job JSA. Discuss "working on Utah surface" expectations for all contractors.
2. MIRU service rig, NU BOP's and test.
3. **Note: the location or existence of a packer is uncertain. The only report is that the packer is set at 2000' which would be between the perfs.** Kill well and POOH with packer and tubing.
4. RIH with scraper to 1900' and POH.
5. RIH with CIBP (cast iron bridge plug) and set at 1808'.
6. RIH with open ended tubing and spot an 18 sx Class G cement plug from 1808" to 1650'. POH to 1650' and reverse circulate hole clean. POH and WOC for 24 hours.
7. RIH with bit and scraper to TOC, est at 1650' and circulate hole clean. Pressure test casing and cement to 1000 psi for 15 minutes. POH.
8. RU wireline company. Perforate 1620'-1625' with 4 spf and POH with wireline.
9. Establish injection rate down casing and circulate to surface.
10. RIH with cement retainer on wireline and set retainer at +/- 1600' (correlate to CBL dated 7/26/1993).

11. PU stinger and run in hole to retainer, sting into retainer and pressure test 5.5" casing above the retainer to 1000 psi and maintain 1000 psi on annulus during pumping operations. Open surface valves and establish injection rate into perforations looking for circulation to surface. Monitor volume pumped until we get returns to surface. Pump two annular volumes of water (64 bbls) at 3-4 bpm followed by a 20 bbls mud flush.
12. Pump 338 sx (annular volume + 50%) of 14.2 ppg thixotropic cement with 1% calcium (yield of 1.6 cuft/sx) until we get good cement to surface, close the annulus valve and continue pumping cement until a squeeze is obtained or until we pump 300 sx following closure of the annulus valve or we reach a pump pressure of 2000 psi.
13. Unsting from retainer, reverse circulate hole clean and POH.
14. Remove stinger and RIH open ended with 2 3/8" tubing. Spot 190 sx of class G inside the 5.5" casing bringing cement to surface. POH with tubing laying down.
15. ND BOP's and RD service rig. WOC for 24 hours.
16. Connect pump truck to 5.5" x 8 5/8" annulus and attempt a pump in test. If we can pump into the annulus, mix 100sx of class G and pump into annulus. WOC 24 hours and conduct another pump in test if needed. Re cement as necessary until we have a cement plug to surface in the 5.5" x 8 5/8" annulus.
17. Cut casing below surface, install P&A marker.
18. Remove rig anchors and restore location per Utah/BLM guidelines.

cement calculations	interval	volume cuft/ft	Total volume cuft	Cement yield cuft'sx	Sx Cement required	Notes
1808-1650	158	0.1305	21	1.15	18	Class G inside 5.5" casing (rounded to 200)
0-309"	309	0.1926	60	1.6	37	Thixotropic between 5.5" and 8 5/8" casings
309-1625	1316	0.2291	301	1.6	188	Thixotropic between 5.5" and 8.5" hole
Plus 50% excess in annulus only					113	Thixotropic
Plus additional 300 sx after casing valve is closed					300	Thixotropic
1625-surface	1625	0.1305	212	1.15	190	Class G inside 5.5" casing
Total volume			573		847	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  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.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> ML-40115
		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>1. TYPE OF WELL</b> Test Well		<b>7. UNIT or CA AGREEMENT NAME:</b> DRUNKARDS WASH
<b>2. NAME OF OPERATOR:</b> CONOCOPHILLIPS COMPANY		<b>8. WELL NAME and NUMBER:</b> UTAH M-1
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 51810 , Midland, TX, 79710 1810		<b>9. API NUMBER:</b> 43007301990000
<b>PHONE NUMBER:</b> 432 688-6943 Ext		<b>9. FIELD and POOL or WILDCAT:</b> DRUNKARDS WASH
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2500 FNL 2570 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWNE Section: 26 Township: 14.0S Range: 09.0E Meridian: S		<b>COUNTY:</b> CARBON
		<b>STATE:</b> UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/16/2013	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

The above well was plugged and abandoned on October 16, 2013.  
Please see attached daily reports.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY  
November 05, 2013**

<b>NAME (PLEASE PRINT)</b> Donna Williams	<b>PHONE NUMBER</b> 432 688-6943	<b>TITLE</b> Sr. Regulatory Specialist
<b>SIGNATURE</b> N/A	<b>DATE</b> 11/4/2013	



## Vendor Operations Summary Report

UTAH M-1

Common Well Name UTAH M-1		Primary Job Type ABANDONMENT P&A		Job Category ABANDONMENT	
Actual Start Date 10/14/2013	End Date 10/16/2013	Spud / KO Date		Rig Accept Date 10/14/2013	Rig Release Date 10/16/2013
Contractor NABORS WELL SERVICE			Rig Name/No NABORS 1457		

10/14/2013 07:00 - 10/14/2013 17:00

## Last 24hr Summary

RU SPOOL TRUCK POOH W/ SENSOR CABLE, NU BOPS AND ANNULAR AND POOHW / TBG WHILE SPOOLING SENSOR CABLE

Start Time	End Time	Dur (hr)	Op Code	Activity Code	Phase	Operation
07:00	07:30	0.50	RPEQPT	SFTY	SURPRD	SM/JSA, GO CARD
07:30	09:30	2.00	RPEQPT	ALFT	SURPRD	RU SPOOL TRUCK POOH W/ SENSOR CABLE
09:30	11:30	2.00	RPEQPT	BOPE	SURPRD	ND WH NU BOPS AND ANNULAR AND TEST
11:30	14:00	2.50	RPEQPT	ALFT	SURPRD	POOH W/ TBG WHILE SPOOLING CABLE
14:00	14:15	0.25	RPEQPT	SFTY	SURPRD	JSA
14:15	16:00	1.75	PLUG	PLUG	SURPRD	PU 5.5 CIBP RIH TO 1808 AND SET CIBP
16:00	17:00	1.00	PLUG	PRTS	SURPRD	RU PUMP AND LINES AND TEST CIBP AND CSG TO 1000#, GOOD

10/15/2013 07:00 - 10/15/2013 18:00

## Last 24hr Summary

RU CEMENT TRUCK PUMP 158' CEMENT ON TOP OF CIBP, RIH SHOOT PERFS, TRY PUMP IN TEST COULD NOT PUMP INTO, CONTACT ENGINEERS

Start Time	End Time	Dur (hr)	Op Code	Activity Code	Phase	Operation
07:00	07:30	0.50	RPEQPT	SFTY	SURPRD	SM/JSA, GO CARD
07:30	11:00	3.50	PLUG	CMNT	SURPRD	RU CEMENT CREW, PUMP 18SX CLASS G CEMENT FROM 1808 TO 1650, POOH TO 1650 REVERSE CIRC HOLE CLEAN, POOH LD TBG
11:00	11:15	0.25	PLUG	SFTY	SURPRD	JSA
11:15	12:30	1.25	PLUG	PERF	SURPRD	RU WIRELINE, RIH AND SHOOT PERFS FROM 1620-1625, 4SPF, 32" PENETRATION, POOH RD WIRELINE
12:30	15:30	3.00	PLUG	PLUG	SURPRD	RIH AND SET CEMENT RETAINER AT 1600, PRESSURE TEST TBG, GOOD, COULD NOT PUMP INTO FORMATION, CONTACT ENGINEERS
15:30	16:30	1.00	RPEQPT	PULL	SURPRD	POOH W/ TBG, LD STINGER
16:30	18:00	1.50	PLUG	PERF	SURPRD	RU WIRELINE, RIH AND SHOOT PERS FROM 347.5-352.5, 4SPF, 32" PENETRATION, ATTEMPT INJ RATE, COULD NOT PUMP INTO FORMATION, TRY TO PUMP INTO SURFACE CSG, COULD NOT

10/16/2013 07:00 - 10/16/2013 16:30

## Last 24hr Summary

RIH W/ TBG TO 1595, RU CEMENT TRUCK FILL 5.5 CSG WITH CLASS G CEMENT TO SURFACE

Start Time	End Time	Dur (hr)	Op Code	Activity Code	Phase	Operation
07:00	09:15	2.25	PLUG	SFTY	SURPRD	WEEKLY SM @ FG, TRAVEL TO LOC, SM/JSA, GO CARD
09:15	12:45	3.50	PLUG	CMNT	SURPRD	RIH W/ TBG OPEN ENDED TO 1595, RU CEMENT CREW, PUMP 190SX CLASS G CEMENT FROM 1595 TO SURFACE, POOH LAYING DOWN TBG
12:45	13:00	0.25	PLUG	SFTY	SURPRD	JSA
13:00	15:30	2.50	PLUG	NUND	SURPRD	RD FLOOR, ND BOPS AND ANNULAR, NU WH, RACK OUT LINES
15:30	16:30	1.00	PLUG	RURD	SURPRD	RD, PREP FOR MOVE