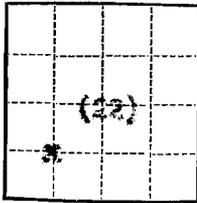


Well connected to pipeline & started producing  
effective November, 1962.



*Copy H. L. C.*



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake City

Lease No. U-0370-1

Unit San Arroyo

SUNDRY NOTICES AND REPORTS ON WELLS

|   |                                     |   |  |
|---|-------------------------------------|---|--|
| NOTICE OF INTENTION TO DRILL.....                   | <input checked="" type="checkbox"/> | SUBSEQUENT REPORT OF WATER SHUT-OFF.....        |  |
| NOTICE OF INTENTION TO CHANGE PLANS.....            |                                     | SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING..... |  |
| NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....     |                                     | SUBSEQUENT REPORT OF ALTERING CASING.....       |  |
| NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL..... |                                     | SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR..... |  |
| NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....        |                                     | SUBSEQUENT REPORT OF ABANDONMENT.....           |  |
| NOTICE OF INTENTION TO PULL OR ALTER CASING.....    |                                     | SUPPLEMENTARY WELL HISTORY.....                 |  |
| NOTICE OF INTENTION TO ABANDON WELL.....            |                                     |   |  |

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

SAN ARROYO UNIT

September 5, 19 62

Well No. 13 is located 1320 ft. from N line and 1320 ft. from W line of sec. 22

C 21/4 Sec. 22 163 25E Salt Lake  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
San Arroyo Grand Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~depth~~ <sup>Surface</sup> above sea level is 7592 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

The above location has been selected to test the Dakota formation at 5600 ft. and Cedar Mountain formation at 5835 ft. All depths are anticipated tops of formations.

We will run and cement (from top to bottom) 8-5/8" OD casing at approximately 300 feet as surface pipe; we will run and cement 4-1/2" or 5-1/2" OD casing as the oil string.

We will drill this well with rotary tools.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company SINCLAIR OIL & GAS COMPANY  
601 Denver Club Building  
Address Denver 2, Colorado

By M. E. Brown  
M. E. Brown  
Title Division Chief Clerk  
Production Department

COMPANY Sinclair Oil and Gas Company

Well Name & No. San Arroyo Unit - Well #13

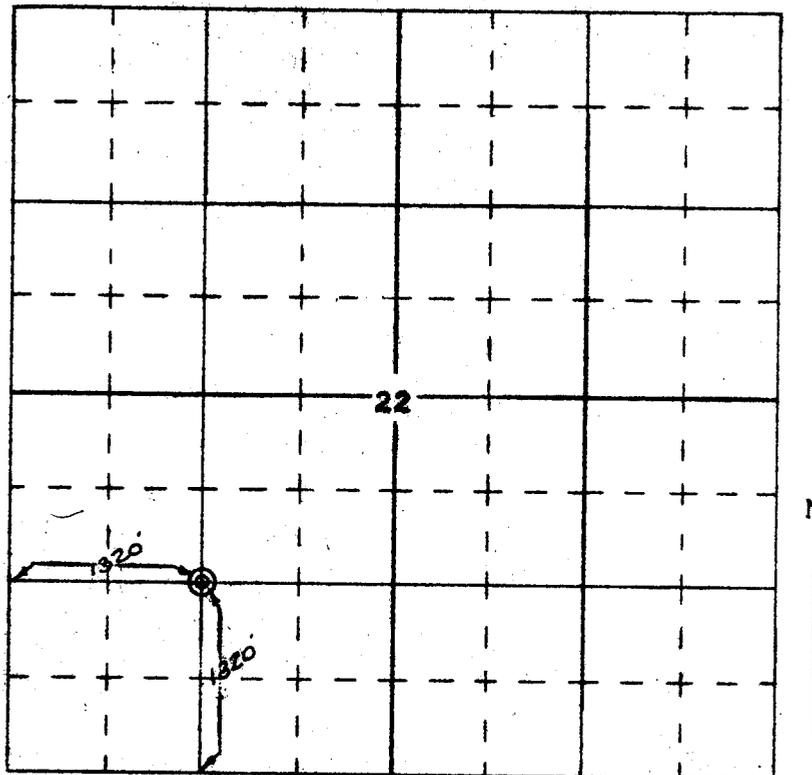
Lease No. U-0370-A

Location 1320' from the South line and 1320' from the West line

Being in SW<sup>1</sup>

Sec. 22, T16 S., R25 E., ~~NEEPH.~~ S.L.M., Grand County, Utah

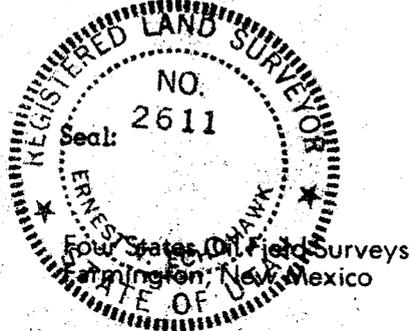
Ground Elevation 7592



Scale - 4 inches equals 1 mile

Surveyed August 12, 19 62

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.



*Ernest V. Echohawk*

Ernest V. Echohawk  
Registered Land Surveyor

~~Prof. Reg. #1515~~

Utah Reg No. 2611

Copy H. L. C.

Form approved. Budget Bureau No. 42-R356.5.

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

LAND OFFICE Salt Lake City Government - San Arroyo LEASE NUMBER UNIT

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Grand Field San Arroyo

The following is a correct report of operations and production (including drilling and producing wells) for the month of August, 1962, Government - San Arroyo Unit

Agent's address 601 Denver Club Building Denver 2, Colorado Company SINCLAIR OIL & GAS COMPANY Signed M. E. Brown

Phone AMhurst - 62461 Agent's title Division Chief Clerk

Table with columns: SEC. AND 1/4 OF 1/4, TWP., RANGE, WELL NO., DAYS PRODUCED, BARRELS OF OIL, GRAVITY, CU. FT. OF GAS (In thousands), GALLONS OF GASOLINE RECOVERED, BARRELS OF WATER (If none, so state), REMARKS. Rows include well data for various sections (NW/4, SW/4, SE/4, NE/4) and notes on drilling operations.

NOTE.—There were No runs or sales of oil; No M cu. ft. of gas sold; No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

*Joseph H. L. C.*

|   |      |  |
|---|------|--|
|   |      |  |
|   | (22) |  |
| * |      |  |

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake City  
Lease No. U-0370-A  
Unit San Arroyo

SUNDRY NOTICES AND REPORTS ON WELLS

|   |  |   |    |
|---|--|---|----|
| NOTICE OF INTENTION TO DRILL.....                   |  | SUBSEQUENT REPORT OF WATER SHUT-OFF.....        |    |
| NOTICE OF INTENTION TO CHANGE PLANS.....            |  | SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING..... |    |
| NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....     |  | SUBSEQUENT REPORT OF ALTERING CASING.....       |    |
| NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL..... |  | SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR..... |    |
| NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....        |  | SUBSEQUENT REPORT OF ABANDONMENT.....           |    |
| NOTICE OF INTENTION TO PULL OR ALTER CASING.....    |  | SUPPLEMENTARY WELL HISTORY.....                 | XX |
| NOTICE OF INTENTION TO ABANDON WELL.....            |  | REPORT OF SETTING CASING.....                   | XX |

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

SAN ARROYO UNIT

September 19, 19 62

Well No. 13 is located 1320 ft. from S line and 1320 ft. from W line of sec. 22  
SW/4 Sec. 22 16S 25E Salt Lake  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
San Arroyo Grand Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the Surface ~~1660~~ above sea level is 7592 ft.

DETAILS OF WORK

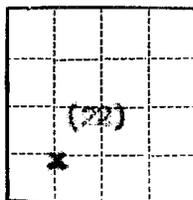
(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

- 9-7-62 Spudded 4:30 P.M. 9-6-62.
- 9-8-62 Ran 306' 9-5/8" OD 32.75# H-40 casing, set at 308', GM, with 300 sacks regular cement w/2% CaCl. Plug down at 2:30 P.M. 9-7-62. Cement circulated.
- 9-16-62 Drilled to 6260 ft. Ran 4-1/2" 10.5# J-55 casing, set at 6260'. Attempted to cement w/300 sacks, pumped plug down 505 P.M. 9-15-62 & gas blew cement from hole outside casing. Killed well from top, outside casing. Prep to nipple up.
- 9-17-62 Ran Gamma Ray-Neutron log. Prep. perf. Morrison sand 6108-32 & Lower Dakota 5738-73'
- 9-18-62 Perforated 6104-08 with 16 holes. Set retainer at 6090' & left setting tool in hole. Ran overshot. Pulling tubing.
- 9-19-62 Fished & rec. setting tool. Set tubing in retainer at 6090'. Cemented w/250 sacks through perforations 6104-08. MP 1500# at 9:30 P.M. 9-18-62. No circulation.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company SINGLAIN OIL & GAS COMPANY  
Address 601 Denver Club Building  
Denver 2, Colorado  
By Morris E. Brown  
M. E. Brown  
Title Division Chief Clerk  
Production Department

Copy H. L. C.



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Salt Lake City  
Lease No. 11-0370-4  
Unit San Arroyo

SUNDRY NOTICES AND REPORTS ON WELLS

|   |   |           |
|---|---|-----------|
| NOTICE OF INTENTION TO DRILL.....                   | SUBSEQUENT REPORT OF WATER SHUT-OFF.....        |           |
| NOTICE OF INTENTION TO CHANGE PLANS.....            | SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING..... |           |
| NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....     | SUBSEQUENT REPORT OF ALTERING CASING.....       |           |
| NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL..... | SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR..... |           |
| NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....        | SUBSEQUENT REPORT OF ABANDONMENT.....           |           |
| NOTICE OF INTENTION TO PULL OR ALTER CASING.....    | SUPPLEMENTARY WELL HISTORY.....                 | <b>XX</b> |
| NOTICE OF INTENTION TO ABANDON WELL.....            | <b>COMPLETION REPORT</b>                        |           |

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

SAN ARROYO UNIT

October 10, 1962

Well No. 13 is located 1320 ft. from [S] line and 1320 ft. from [W] line of sec. 22

34/4, Sec. 22 16S 25E Salt Lake  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
San Arroyo Grand Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~Surface~~ Surface above sea level is 7592 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

- 9-24-62 Moved in workover rig. Pulled tubing, ran cement log. Top cement 4550'.
- 9-25-62 Drlg. ret. & cnt. @ 6092', ret. drld., little junk in hole.
- 9-26-62 Drlg. cnt. & ret. Pulled tbg. & bit. Perf. 6111-28 w/4 shots per ft.
- 9-27-62 Set. pkr. @ 6075'. Swab. perfs. 6111-28', kicked off & flowing @ 2000 MCFFD on 3/8" choke. Tubing pressure 550#.
- 9-28-62 Acid. w/500 gals. NTP 1200#, Min O#, swbd. & kicked off, flowing to pits at est. rate of 2200 MCFFD through 3/8" choke. 550# TP.
- 9-29-62 FPI @ rate 2400 MCFFD, 3/8" choke, 550# TP, Morrison Sand 6111-28' perfs.
- 9-30-62 Killed well.
- 10-1-62 Pulled tbg. & pkr. Perf. 5742-68' w/4 per ft. Set Model "B" packer @ 6085'.
- 10-2-62 Swabbed 3 hrs., kicked off & flowing lead water w/est. 1630 MCFFD.
- 10-3-62 Flowing @ 1450 MCFFD, 425# TP, 22/64" choke. Acid. w/500 gals acid, TP 1600#, broke to 800#.  
(SEE ATTACHED SHEET)

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Sinclair Oil & Gas Company  
601 Denver Club Building  
Address Denver 2, Colorado

By Morris E. Brown  
M. E. Brown  
Title Division Chief Clerk  
Production Department

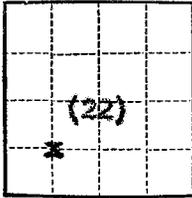
(SUBMIT IN TRIPLICATE)

Land Office Salt Lake City

Lease No. 5-0370-A

Unit San Arroyo

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY



SUNDRY NOTICES AND REPORTS ON WELLS

|   |   |           |
|---|---|-----------|
| NOTICE OF INTENTION TO DRILL.....                   | SUBSEQUENT REPORT OF WATER SHUT-OFF.....        |           |
| NOTICE OF INTENTION TO CHANGE PLANS.....            | SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING..... |           |
| NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....     | SUBSEQUENT REPORT OF ALTERING CASING.....       |           |
| NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL..... | SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR..... |           |
| NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....        | SUBSEQUENT REPORT OF ABANDONMENT.....           |           |
| NOTICE OF INTENTION TO PULL OR ALTER CASING.....    | SUPPLEMENTARY WELL HISTORY.....                 | <b>XX</b> |
| NOTICE OF INTENTION TO ABANDON WELL.....            | <b>COMPLETION REPORT</b> .....                  |           |

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

SAN ARROYO UNIT

October 10, 1962

Well No. 13 is located 1320 ft. from S line and 1320 ft. from W line of sec. 22

34/4 Sec. 22  
(1/4 Sec. and Sec. No.)

16S  
(Twp.)

25E  
(Range)

Salt Lake  
(Meridian)

San Arroyo  
(Field)

Grand  
(County or Subdivision)

Utah  
(State or Territory)

The elevation of the ~~Well~~ <sup>Surface</sup> above sea level is 7592 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

- 10-4-62 Pulled tubing & running w/cross-over assembly.
- 10-5-62 Flowing for test. Ran cross-over assembly.
- 10-7-62 COMPLETED DUAL SHUT IN GAS WELL 10-7-62. Ran crossover assembly. Completion test Morrison perforations 6111-28', flowing at rate of 2930 MCFPD, 2" open tubing, FTP 75#, 24 hr. SITP 827#. Completion test Dakota perms. 5742-68', 2740 MCFPD, 2" open line, FCP 50#, 24 hr. SICP 831#.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Sinclair Oil & Gas Company  
601 Denver Club Building  
Address Denver 2, Colorado

Morris E. Brown

By \_\_\_\_\_  
M. E. Brown  
Title Division Chief Clerk  
Production Department

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Form approved.  
Budget Bureau No. 42-R356.5.

LAND OFFICE Salt Lake City  
LEASE NUMBER \_\_\_\_\_  
UNIT San Arroyo

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State UTAH County GRAND Field SAN ARROYO

The following is a correct report of operations and production (including drilling and producing wells) for the month of OCTOBER, 1962, San Arroyo Unit

Agent's address 601 Denver Club Building Company Sinclair Oil & Gas Co.  
Denver 2, Colorado Signed \_\_\_\_\_

Phone AM 6-2461 Agent's title Division Chief Clerk

Production Department

| SEC. AND 1/4 OF 1/4               | TWP. | RANGE | WELL NO. | DAYS PRODUCED | BARRELS OF OIL | GRAVITY | CU. FT. OF GAS (In thousands) | GALLONS OF GASOLINE RECOVERED | BARRELS OF WATER (If none, so state) | REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas) |
|-----------------------------------|------|-------|----------|---------------|----------------|---------|-------------------------------|-------------------------------|--------------------------------------|--|
| SW/4 (Lease #U-0370-A)<br>Sec. 22 | 16S  | 25E   | 13       |               |                |         |                               |                               |                                      | At PB depth 6189'<br>Completed Dual Shut-In Gas Well in Morrison & Dakota formations 10-7-62           |
| NE/4 (Lease #U-4113)<br>Sec. 16   | 16S  | 25E   | 14       |               |                |         |                               |                               |                                      | Spud. 10-9-62.<br>At PB depth 6510' testing.   |
| SW/4 (Lease #U-025244)<br>Sec. 21 | 16S  | 25E   | 15       |               |                |         |                               |                               |                                      | Spud 10-21-62.<br>Drilling at 3464'.   |
| SW/4 (Lease #U-0369)<br>Sec. 26   | 16S  | 25E   | 16       |               |                |         |                               |                               |                                      | Spud. 10-11-62.<br>At total depth 4932' waiting on completion rig.                                     |

NOTE.—There were NO runs or sales of oil; NO M cu. ft. of gas sold; NO runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.





UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake City  
LEASE NUMBER \_\_\_\_\_  
UNIT San Arroyo

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State Utah County Grand Field San Arroyo

The following is a correct report of operations and production (including drilling and producing wells) for the month of Sept, 1975

Agent's address 1860 Lincoln St., Suite 501 Company Atlantic Richfield Company

Denver, Colorado 80203 Signed J. H. Logan

Phone 266-2461 Agent's title Accounting Supervisor

| SEC. AND 1/4 OF 1/4       | TWP.     | RANGE   | WELL NO. | DAYS PRODUCED | BARRELS OF OIL | GRAVITY | CU. FT. OF GAS (in thousands)                  | GALLONS OF GASOLINE RECOVERED | BARRELS OF WATER (if none, so state) | REMARKS (If drilling, depth; if shut down, date and reason of test; if gas, content of gas) |  |
|---------------------------|----------|---------|----------|---------------|----------------|---------|--|-------------------------------|--------------------------------------|---|--|
| <b>MORRISON FORMATION</b> |          |         |          |               |                |         |  |                               |                                      |   |  |
| SW/4 Lease Sec. 22        | U-0370-A | 16S 25E | 13       | 0             | 0              |         | 0  |                               | 0                                    | SI  |  |
| NE/4 Lease Sec. 16        | ML 4113  | 16S 25E | 14       | 28            | 0              |         | 648  |                               | 0                                    |   |  |
| SW/4 Lease Sec. 21        | U-0550   | 16S 26E | 30       | 0             | 0              |         | 0  |                               | 0                                    | SI  |  |
|                           |          |         |          |               |                |         | GAS: (MCF)                                     |                               |                                      |   |  |
|                           |          |         |          |               |                |         | Sold   | 648                           |                                      |   |  |
|                           |          |         |          |               |                |         | Flared/Vented                                  | 0                             |                                      |   |  |
|                           |          |         |          |               |                |         | Used On/Off Lease                              | 0                             |                                      |   |  |
|                           |          |         |          |               |                |         | OIL or CONDENSATE: (To be reported in barrels) |                               |                                      |   |  |
|                           |          |         |          |               |                |         | On hand at beginning of month                  | 0                             |                                      |   |  |
|                           |          |         |          |               |                |         | Produced during month                          | 0                             |                                      |   |  |
|                           |          |         |          |               |                |         | Sold during month                              | 0                             |                                      |   |  |
|                           |          |         |          |               |                |         | Unavoidably lost                               | 0                             |                                      |   |  |
|                           |          |         |          |               |                |         | Reason   |                               |                                      |   |  |
|                           |          |         |          |               |                |         | On hand at end of month                        | 0                             |                                      |   |  |

NOTE.—There were 0 runs or sales of oil; 648 M cu. ft. of gas sold;

0 runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake City  
LEASE NUMBER \_\_\_\_\_  
UNIT San Arroyo

Page 1 of 4

**LESSEE'S MONTHLY REPORT OF OPERATIONS**

State Utah County Grand Field San Arroyo

The following is a correct report of operations and production (including drilling and producing wells) for the month of Jan, 1977.

Agent's address 1860 Lincoln St., Suite 501 Company Atlantic Richfield Company  
Denver, Colorado 80203 80295 Signed [Signature]

Phone 573-4002 Agent's title Accounting Supervisor

| SEC. AND 1/4 OF 1/4             | TWP.   | RANGE            | WELL NO. | DAYS PRODUCED | BARRELS OF OIL | GRAVITY | CU. FT. OF GAS (In thousands) | GALLONS OF GASOLINE RECOVERED | BARRELS OF WATER (If none, so state) | REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas) |
|---------------------------------|--------|------------------|----------|---------------|----------------|---------|-------------------------------|-------------------------------|--------------------------------------|--|
| DAKOTA-CEDAR MOUNTAIN FORMATION |        |                  |          |               |                |         |                               |                               |                                      |  |
| SW/4 Lease Sec. 30              | U-06   | 23<br>16S 26E    | 4        | 31            | 0              |         | 11,497                        |                               | 0                                    |  |
| SW/4 Lease Sec. 16              | ML 4   | 113<br>16S 25E   | 8        | 30            | 0              |         | 7049                          |                               | 0                                    |  |
| NW/4 Lease Sec. 27              | 0370-A | 16S 25E          | 9        | 31            | 0              |         | 2884                          |                               | 0                                    |  |
| SW/4 Lease Sec. 15              | U-05   | 059 C<br>16S 25E | 11       | 31            | 0              |         | 13,251                        |                               | 0                                    |  |
| SW/4 Lease Sec. 23              | SL 07  | 1307<br>16S 25E  | 12       | 31            | 0              |         | 13,045                        |                               | 0                                    |  |
| SW/4 Lease Sec. 22              | U-03   | 70-A<br>16S 25E  | 13       | 0             | 0              |         | 0                             |                               | 0                                    | SI - Awaiting pr. build-up   |

NOTE.—There were \_\_\_\_\_ runs or sales of oil; \_\_\_\_\_ M cu. ft. of gas sold;

\_\_\_\_\_ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.



355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City Ut  
84180-1203. • (801-538-5340)

# MONTHLY OIL AND GAS PRODUCTION REPORT

012918

Operator name and address:

• ARCO OIL & GAS COMPANY  
 P O BOX 1610  
 MIDLAND TX 79702  
 ATTN: REVENUE ACCT/JEFF DECKER

Utah Account No. N0080

Report Period (Month/Year) 12 / 86

Amended Report

| Well Name       | API Number | Entity | Location   | Producing Zone | Days Oper | Production Volume |            |             |
|-----------------|------------|--------|------------|----------------|-----------|-------------------|------------|-------------|
|                 |            |        |            |                |           | Oil (BBL)         | Gas (MSCF) | Water (BBL) |
| X SAN ARROYO 4  | 4301915887 | 00500  | 16S 26E 30 | DKTA           | *         |                   |            |             |
| X SAN ARROYO 8  | 4301915890 | 00500  | 16S 25E 16 | DKTA           | *         |                   |            |             |
| X SAN ARROYO 9  | 4301915891 | 00500  | 16S 25E 27 | DKTA           | *         |                   |            |             |
| X SAN ARROYO 11 | 4301915892 | 00500  | 16S 25E 15 | DKTA           | *         |                   |            |             |
| X SAN ARROYO 12 | 4301915893 | 00500  | 16S 25E 23 | DKTA           | *         |                   |            |             |
| X SAN ARROYO 13 | 4301915894 | 00500  | 16S 25E 22 | DKTA           | *         |                   |            |             |
| X SAN ARROYO 13 | 4301915894 | 00500  | 16S 25E 22 | MRSN           | *         |                   |            |             |
| X SAN ARROYO 14 | 4301915895 | 00500  | 16S 25E 16 | DKTA           | *         |                   |            |             |
| X SAN ARROYO 16 | 4301915896 | 00500  | 16S 25E 26 | DKTA           | *         |                   |            |             |
| X SAN ARROYO 17 | 4301915897 | 00500  | 16S 25E 24 | DKTA           | *         |                   |            |             |
| X SAN ARROYO 18 | 4301915898 | 00500  | 16S 26E 30 | DKTA           | *         |                   |            |             |
| X SAN ARROYO 19 | 4301915899 | 00500  | 16S 25E 14 | DKTA           | *         |                   |            |             |
| X SAN ARROYO 20 | 4301915900 | 00500  | 16S 25E 26 | DKTA           | *         |                   |            |             |
| TOTAL           |            |        |            |                |           |                   |            |             |

Comments (attach separate sheet if necessary) \* PROPERTIES SOLD, EFFECTIVE 9-1-86,  
TO: THE BERCH CORPORATION, 410 17TH STREET, DENVER, CO 80202  
N9985

I have reviewed this report and certify the information to be accurate and complete. Date 1-21-87  
 Authorized signature Jeff Decker Telephone (915) 688-5414



355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City Ut  
84180-1203. • (801-538-5340)

# MONTHLY OIL AND GAS PRODUCTION REPORT

**012918**

Operator name and address:

• ARCO OIL & GAS COMPANY  
P O BOX 1610  
MIDLAND TX 79702  
ATTN: REVENUE ACCT/JEFF DECKER

Utah Account No. N0080

Report Period (Month/Year) 12 / 86

Amended Report

| Well Name       | API Number | Entity | Location   | Producing Zone | Days Oper | Production Volume |            |             |
|-----------------|------------|--------|------------|----------------|-----------|-------------------|------------|-------------|
|                 |            |        |            |                |           | Oil (BBL)         | Gas (MSCF) | Water (BBL) |
| X SAN ARROYO 4  | 4301915887 | 00500  | 16S 26E 30 | DKTA           | *         |                   |            |             |
| X SAN ARROYO 8  | 4301915890 | 00500  | 16S 25E 16 | DKTA           | *         |                   |            |             |
| X SAN ARROYO 9  | 4301915891 | 00500  | 16S 25E 27 | DKTA           | *         |                   |            |             |
| X SAN ARROYO 11 | 4301915892 | 00500  | 16S 25E 15 | DKTA           | *         |                   |            |             |
| X SAN ARROYO 12 | 4301915893 | 00500  | 16S 25E 23 | DKTA           | *         |                   |            |             |
| X SAN ARROYO 13 | 4301915894 | 00500  | 16S 25E 22 | DKTA           | *         |                   |            |             |
| X SAN ARROYO 13 | 4301915894 | 00500  | 16S 25E 22 | MRSN           | *         |                   |            |             |
| X SAN ARROYO 14 | 4301915895 | 00500  | 16S 25E 16 | DKTA           | *         |                   |            |             |
| X SAN ARROYO 16 | 4301915896 | 00500  | 16S 25E 26 | DKTA           | *         |                   |            |             |
| X SAN ARROYO 17 | 4301915897 | 00500  | 16S 25E 24 | DKTA           | *         |                   |            |             |
| X SAN ARROYO 18 | 4301915898 | 00500  | 16S 26E 30 | DKTA           | *         |                   |            |             |
| X SAN ARROYO 19 | 4301915899 | 00500  | 16S 25E 14 | DKTA           | *         |                   |            |             |
| X SAN ARROYO 20 | 4301915900 | 00500  | 16S 25E 26 | DKTA           | *         |                   |            |             |
| TOTAL           |            |        |            |                |           |                   |            |             |

Comments (attach separate sheet if necessary) \* PROPERTIES SOLD, EFFECTIVE 9-1-86,  
TO: THE BERCH CORPORATION, 410 17TH STREET, DENVER, CO 80202  
N9985

I have reviewed this report and certify the information to be accurate and complete. Date 1-21-87  
J. D. Decker JEFF DECKER Telephone (915) 688-5414  
Authorized signature

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

5. LEASE DESIGNATION AND SERIAL NO.  
U-0370-A *SGW*

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
111801

7. UNIT AGREEMENT NAME  
San Arroyo

8. FARM OR LEASE NAME  
San Arroyo

9. WELL NO.  
Unit No. 13

10. FIELD AND POOL, OR WILDCAT  
San Arroyo

11. SEC., T., R., M., OR ALK. AND SURVEY OR AREA  
Sec. 22 T16S R25E

12. COUNTY OR PARISH  
Grand

13. STATE  
Utah

SUNDRY NOTICES AND REPORTS ON WELLS

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

NOV 16 1987

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
Birch Corporation

3. ADDRESS OF OPERATOR  
3801 East Florida Avenue Suite 900, Denver, CO 80210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\* See also space 17 below.)  
At surface  
1320 FSL 1320 FWL

14. AP NUMBER  
43-019-15894

15. ELEVATIONS (Show whether DF, RT, OR, etc.)  
7592' GL

DIVISION OF  
OIL, GAS & MINING

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

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

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

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

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

We propose to perforate, acidize, and fracture according to the attached procedure. Fracture design will be for a propped fracture length of approximately 800 feet.

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

SIGNED *Tony Jones* TITLE Operations Manager DATE 11/13/87

(This space for Federal or State office use)

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

WORKOVER PROCEDURE

San Arroyo Unit No. 13  
San Arroyo Field, Grand County, Utah

LOCATION: 1320' FSL, 1320' FWL, Section 22, T16S, R25E. Grand County, Utah.

ELEVATION: 7592' GL.

TUBULARS: 4½" OD 10.5 #J-55 casing set at 6250 in September, 1962.  
2-3/8" EUE tubing landed at 6085'.

PACKER: Baker Model "D" packer at 6085'.

PROCEDURE:

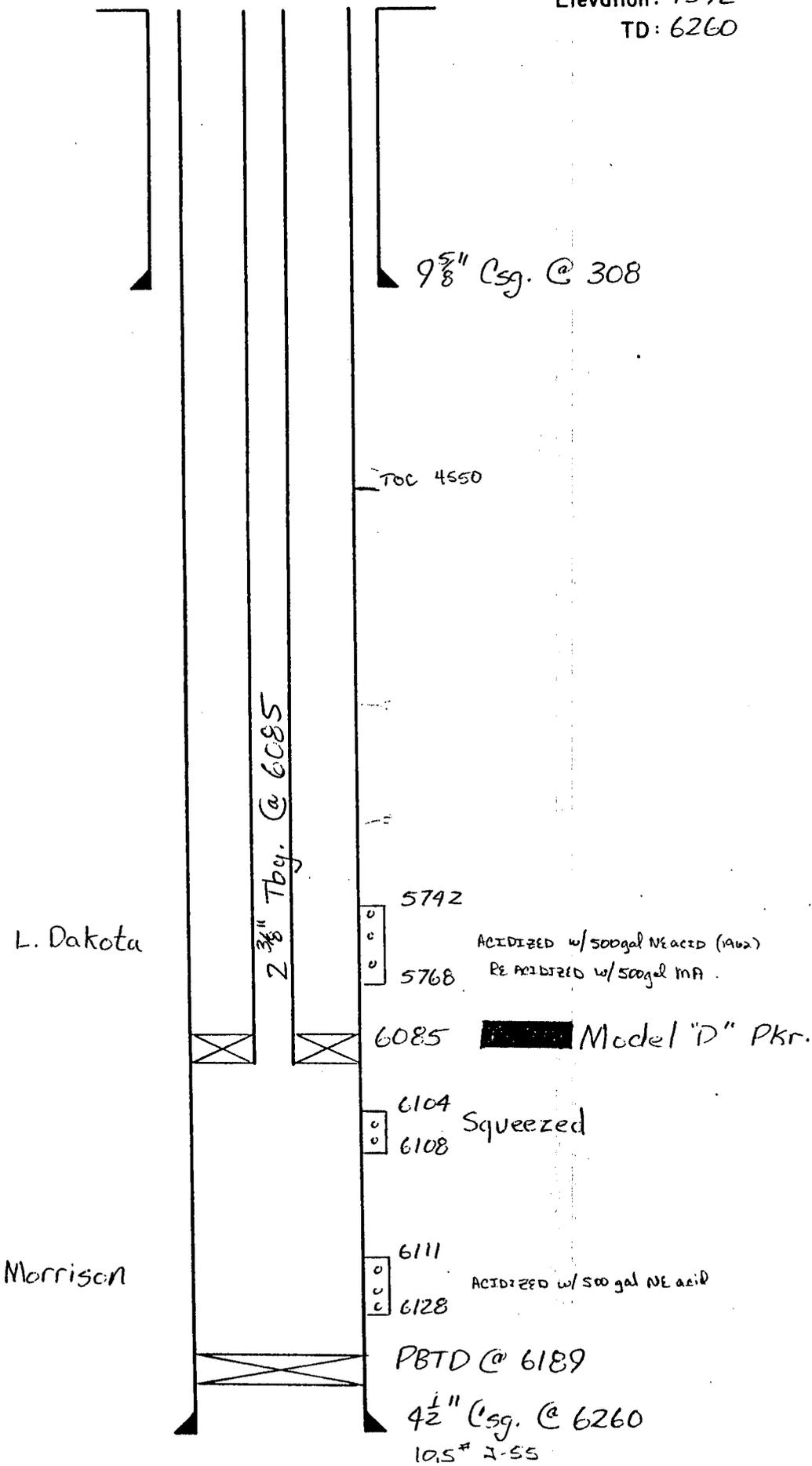
1. Move in workover rig and rig up. Install BOP's and pull tubing. Pick up packer plucker and run in hole. Mill out and retrieve bridge plug.
2. Pick up packer and retrievable bridge plug and run in hole. Set bridge plug at 6135' and packer at 6000'. Swab well and test. If zone is wet, a cast iron bridge plug will be set a 6000' when perforating well.
3. Frac down tubing using a foam fracture. Fracture design will be provided later. Flow back and clean up.
4. Retrieve bridge plug and set at 5775'. Set packer at 5620'. Swab well and evaluate for frac.
5. Frac Lower Dakota down tubing. Fracture treatment will be designed later.
6. Pull out of hole with bridge plug and packer. Perforate the following zones with 3-1/8" perforating gun with premium charges:

|                     |     |         |          |
|---------------------|-----|---------|----------|
| <u>Upper Dakota</u> |     |         |          |
| 5666-5679'          | 13' | 1SP 1½F | 10 Holes |
| 5689-5705           | 16' | 1SP 1½F | 12 Holes |

Run Gauge Ring.
7. Pick up retrievable bridge plug and packer. Set bridge plug at 5715' and set packer at 5550'. Swab down well and acidize with 1500 gallons of 15% HCl containing inhibitors, iron sequestering agent, clay stabilizers, and non-ionic surfactant with ball sealers. Flowback and evaluate for frac.
8. Frac upper and lower Dakota down tubing. Fracture treatment will be designed later. Flowback.
9. Pull out of hole with packer and bridge plug. Go in hole open ended. Land bottom of tubing at 5790'. Flow well to sales line.

San Arroyo Unit Well # 13

Elevation: 7592  
TD: 6260



Should plug off Morrison and  
FRACURE DAKOTA ?

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

APR 25 1988

|  |  |   |
|--|--|---|
| 1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER   |  | 5. LEASE DESIGNATION AND SERIAL NO.<br>U-0370-A                       |
| 2. NAME OF OPERATOR<br>Birch Corporation   |  | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME<br>San Arroyo                    |
| 3. ADDRESS OF OPERATOR<br>3801 East Florida Ave Suite #900 Denver CO 80210   |  | 7. UNIT AGREEMENT NAME<br>San Arroyo                                  |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*<br>See also space 17 below.)<br>At surface<br><br>1320 FSL 1320 FWL |  | 8. FARM OR LEASE NAME<br>San Arroyo                                   |
| 14. PERMIT NO.<br>43-019-05499   |  | 9. WELL NO.<br>Unit #13   |
| 15. ELEVATIONS (Show whether DF, RT, GR, etc.)<br>7592 GL  |  | 10. FIELD AND POOL, OR WILDCAT<br>San Arroyo                          |
|  |  | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA<br>Sec 22, T16S R25E |
|  |  | 12. COUNTY OR PARISH<br>Grand   |
|  |  | 13. STATE<br>Utah   |

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

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

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

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

This well was recompleted according to the attached report. The recompletion began 2-9-88 and finished 3-22-88.

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

SIGNED *Tommy Amis* TITLE Operations Manager DATE 4/20/88

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

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

13

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

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

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

2. NAME OF OPERATOR  
Birch Corporation

3. ADDRESS OF OPERATOR  
3801 East Florida Ave Suite #900 Denver Co 80210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 1320' FSL 1320 FWL  
At top prod. interval reported below  
At total depth

14. PERMIT NO. 43019-05499 DATE ISSUED \_\_\_\_\_

5. LEASE DESIGNATION AND SERIAL NO. U-0370-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME San Arroyo

8. FARM OR LEASE NAME San Arroyo

9. WELL NO. Unit #13

10. FIELD AND POOL, OR WILDCAT San Arroyo

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec 22 T16S R25E

12. COUNTY OR GRAND

13. STATE Utah

15. DATE SPUNDED 9-6-82 16. DATE T.D. REACHED 3-22-88 17. DATE COMPL. (Ready to prod.) 7592 GL 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 6260 21. PLUG, BACK T.D., MD & TVD 6227 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY → X ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* Morrison: 6192-6177 25. WAS DIRECTIONAL SURVEY MADE no

26. TYPE ELECTRIC AND OTHER LOGS RUN Multi Finder Caliper Log, Natural Spectrometry Log 27. WAS WELL CORED no

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

| CASING SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE    | CEMENTING RECORD | AMOUNT PULLED |
|-------------|-----------------|----------------|--------------|------------------|---------------|
| 9-5/8       |                 | 308            | pre-existing |                  |               |
| 4 1/2       | 10.5 J-55       | 6260           | pre-existing |                  |               |

| 29. LINER RECORD |          |             |               |             | 30. TUBING RECORD |                |                 |
|------------------|----------|-------------|---------------|-------------|-------------------|----------------|-----------------|
| SIZE             | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE              | DEPTH SET (MD) | PACKER SET (MD) |
|                  |          |             |               |             | 2-7/8             | 5733           |                 |

| 31. PERFORATION RECORD (Interval, size and number) |                                   | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |                                  |
|--|-----------------------------------|--|----------------------------------|
| INTERVAL   | NUMBER                            | DEPTH INTERVAL (MD)                            | AMOUNT AND KIND OF MATERIAL USED |
| 6192-6177  | 16 holes                          |  |                                  |
| (5742-5768)  | pre-existing                      |  |                                  |
| (6104-6108)  | 4 shots/ft. squeezed pre-existing |  | see attachment                   |
| (6111-6128)  | 4 shots/ft. pre-existing          |  |                                  |

33.\* PRODUCTION

| DATE FIRST PRODUCTION |                 | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) |                         |          |            | WELL STATUS (Producing or shut-in) |               |
|-----------------------|-----------------|--|-------------------------|----------|------------|------------------------------------|---------------|
| 3-22-88               |                 | flowing  |                         |          |            | producing                          |               |
| DATE OF TEST          | HOURS TESTED    | CHOKE SIZE   | PROD'N. FOR TEST PERIOD | OIL—BBL. | GAS—MCF.   | WATER—BBL.                         | GAS-OIL RATIO |
| 3-28-88               | 24              |  | →                       | 0        | 20         | 0                                  | na            |
| FLOW. TUBING PRESS.   | CASING PRESSURE | CALCULATED 24-HOUR RATE  | OIL—BBL.                | GAS—MCF. | WATER—BBL. | OIL GRAVITY-API (CORR.)            |               |
| 180                   | na              | →  | 0                       | 20       | 0          | na                                 |               |

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) sold TEST WITNESSED BY Mesa Pipeline

35. LIST OF ATTACHMENTS Attachment enclosed

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  
SIGNED Jerry Amis TITLE Operations Manager DATE 4/30/88

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

San Arroyo Unit #13  
Sec. 22 T16S-R25E  
Grand County, Utah

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2-9-88 - Rig up completion tools. PBSD 6187'. TD 6260'. Packer @ 6085'. Open perms 5742-68'. MICT - WS #8. Damaged crown on move off SAU #37. Wait on welder to repair crown. Spot equip & level rig. Repair crown. Prep to raise derrick. SDON.

DC: \$2939  
CC: \$2939

2-10-88 - Present operations: RU floor - prep to TOH w/ prod tbg. Type of fluid in hole: 3% KCl 8.84#. Added to system: 29 bbls. Lost to formation: 29 bbls. Total lost to date: 29 bbls. Left to recover: 29 bbls. Casing size: 4 1/2" 10.5# J-55 surf - TD. 3.972 ID. PBSD 6189'. 10,260'. Model D 6085'. Open perms 5742-68'. SICP 160. SITP 160. RU MWS #8. Kremco K600 double drum unit complete w/ pump & tank. Mix 400 bbls 3% KCl w/ L55 & M275. Hook up on casing. Attempt to pump down casing. Pressured up to 1000# immed. Hook up to frac tank and blow down. Ice plug in casing valve. SICP 400. Hook up to csg to kill well w/ 29 bbls 3% KCl water. Blow down tbg 10 min. N/D tree, install 6" x 3000 LWF double ram BOP compl w/ 2000# self-cont Koomey accum. P/U 8' N80 pup jt and wk tbg 15 min w/ max pull of 35,000#. String out on Model D pkr. Lay down 1 jt, install TIW. Close pipe rams. SDFN.

DC: \$2677  
CC: \$5616

2-11-88 - SICP 25 psig. SITP 25 psig. Rig up floor and work production tubing free. Start out of hole. SD due to wind & snow after 48 stds. No SLM. SI & SDFN. Four-States Trucking move 65 jts of 2 3/8" N-80 tubing to SAU #11.

DC: \$3954  
CC: \$9570

2-12-88 - Present operations: PU tubing to clean out to pkr. PBSD 6189'. TD 6260'. FICP 110 FITP 110. Blew down 15 min. Finish TOOH w/ prod tbg & seal assy. Bottom 2 stds full of drilling mud & cuttings. SLM in hole w/ hydrostatic bailer & 189 jts tbg. Close pipe rams, install TIW. SDFN. Tubing swarmed on sills. Model D packer @ 6089'.

DC: \$1839  
CC: \$11,409

## San Arroyo Unit #13

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2-13-88 - Present operations: Prep to pick pkr. SICP 110. SITP 0. Blew down 3 min. Pick up 11 jts of tbg. No fill. Tag pkr at 6089.47 SLM. TOH & lay down bailer, recover 2 bbls of water & drlg mud. No sand. Make up pkr picker, milling shoe, junk basket, bumper sub & jars, 6 drl collars (3 1/8") & TIH w/ 96 stds of tbg. RU power swivel & blow line. Pull 6 stds & install TIW valve. Closed pipe rams and shut down due to air equipment problems.

DC: \$1889  
CC: \$13,298

2-14-88 - Present operations: Wait on crew - short handed. Finish trip out with packer. SITP 240. CP 80 psig. Blow down in 15 min. Pick up power swivel & 2 jts tubing. RU air equipment and attempted to break circ. Not successful. Air press 450 psig. Sting into pkr w/ spear. Mill over pkr. Circ established 1/2 hr after beginning. Lost returns in 1 hr. Pkr loose at 2:00 pm. Move down 1 jt, pick up and pkr free. POOH w/ pkr. SD for 45 min. due to blowing snow. Pulled 90 stds total & SDFN.

DC: \$8117  
CC: \$21,415

2-15-88 - Present operations: TIH w/ bailer assy. Finish TOOH w/ milling shoe, spear & pkr. LD bumper sub & jars, milling shoe & junk sub & pkr. Recovered several large pieces of brass & steel spacer ring, 2 buttons. Approx 1 gal fine mill cuttings. PU 2 5/8" globe basket. TIH w/ dc & tubing. Tag fill @ 6099'. Pump 27 bbls & cut 3 ft w/ globe basket. Added 4 bbls water. TOOH, LD & clean out globe basket. Rec 3 lg pieces of slip segment, approx 1# small slivers & iron. Make up 3 3/4" cement mill w/ bailer assy. TIH w/ dc & 1 std tubing. Install TIW. Close pipe rams. SDFN. Supplemental information: 327 jts tubing delivered to #13. Remaining on location: 262 jts. San Arroyo Unit #11: 65 jts. Total: 327 jts. 34 jts of old work string from SAU #24 (Rig #8 original work string) on tubing rack on SAU #13.

DC: \$2119  
CC: \$23,534

2-16-88 - Present operations: TIH w/ cement mill. Fluid: 3% KCl 8.84#. Added to system: 45. Lost to form: 45 bbls. Total lost to date: 180 bbls. Left to recover: 180 bbls. TIH w/ cement mill & bailer assy. RU power swivel, tag fill 6096'. Mill & bail on junk w/ no success. TOOH. LD bailer & mill.

## San Arroyo Unit #13

-----  
 Mill and 1/2 of BHDC plugged with sand and scale. Recovered small pieces brass & iron. RU sand line. RIH w/ wireline magnet to 6096'. 3 runs - no recovery. Close blind rams. SDFN.

DC: \$3529  
 CC: \$27,063

2-17-88 - Present operation: Blow down hole - prep to return to bottom. Fluid: 3% KCl 8.84#. Total lost to date: 180 bbls. Swabbed today: 25. Total swabbed: 25. Left to recover: 155 bbls. PU cement mill, 6 dc's. TIH w/ 67 stds tbg. Install stripping head. Hook up air lines, break circ @ 4250'. Continue to TIH, breaking circ @ 4870' and 6050'. PU power swivel, break circ, Tag up on junk & fill @ 6096'. Wash & mill from 6096' to 6157'. Blow in hole on each 10 ft and 1/2 hr on connection. Blow down hole @ 6157', pulled 7 stds. Blow down hole. Close pipe rams. Install TIW. SDFN.

DC: \$2917  
 CC: \$29,980

2-18-88 - Present operations: Finish trip out w/ mill. Fluid: added to system: 200 bbls. Lost to formation: 200. Total lost to date: 380. Swabbed today: 250. Total swabbed: 250 bbls. Left to recover: 105 bbls. SICP 400, Wait on VECO to bring oil for compressor to drilling rig. NU air compressor - break circ @ 5700'. Clean hole, trip to bottom 6157'. Drilling from 6157 to 6227'. Circ & clean hole. Set swivel back, bleed down tbg. TOOH 50 stds. Back up. Tongs broken, use pipe wrench, install TIW. SDFN.

DC: \$2989  
 CC: \$32,969

2-19-88 - Present operations: prep to perf. Weight of fluid in hole: 8.84#. Total lost to date: 380 bbls. Left to recover: 105 bbls. Casing size: 4 1/2" 10.5# J-55 surf-TD 3.972 ID. PBDT 6227'. TD 6260'. Perfs: 6111-28'. Finish TOOH. Try to remove float from float sub. TIH w/ 3 7/8" bit, casing scraper & 102 stds tbg. No fill. Tag TD @ 6227'. TOOH for elec log. RU Schlumberger. RIH w/ NGT Spectroscope log w/ multi-arm casing caliper and CCL. LTD 6226'. Ran NGT from 6225-4970'. Ran csg cal & collar loc for CCL from 6225 to surf. New sand zone 6176-92'. 16 ft net.

DC: \$7843  
 CC: \$40,812

## San Arroyo Unit #13

-----  
2-20-88 - Present operations: Prep to acidize. 6111-6128'. 6177-6192'. 3% KCl 8.84#. Added to system: 10. Lost to formation: 10. Total lost to date: 390 bbls. Swabbed today: 5 bbls. Total swabbed 5 bbls. Left to recover 110 bbls. Open perfs: 6177-92'. RU Dyna-Jet & run in hole with hollow steel carrier. Perforate saltwash 6192-6177' w/ 1 JSPF. Total 16 holes. WOO - well kicked off at 9:20 am. SI 1 hr and pressure increased to 85 psig. Open on 16/64" choke. Flowing at 35 psig 15-20'. Bright orange flare about 16" from end of flow line. Remove choke and blow down. Well flowing. Pump 10 bbls, trip in hole with Arrow tension pkr w/ SN on top and 98 stds and 1 single tbg. Set packer at 6018' in 20,000# tension. RU swabbing tee & swab. Initial fluid level @ 4200'. Swab down in 4 runs. Total - recovered 5 bbls. SDFN.

DC: \$4158  
CC: \$44,970

2-21-88 - Present operations: SI pressure build up. Wait on frac. Fluid added to system: 43 + 59.5 bbls acid. Lost to formation: 103 bbls. Total lost to date: 493 bbls. Swabbed today: 120 bbls. Total swabbed: 400 bbls. Left to recover: 93 bbls. SITP 20, SICP 90. Blow down immediately. Run in w/ swab. Fluid level 4600'. Swab 4 bbl in 2 runs. RU Dowell & acidize 6111-6192' w/ 2000 gal 7 1/2% HCl, clay stabilizer, non-ionic surfactant, iron sequestering agent & inhibitor. Dropped 100 balls. Gauge pressure @ 24 bbls. Increased from 90-400#. No obvious ball action. Max press 1810, avg 1000, final 1810. Max rate 6 BPM. Air 4.5. Final 4.5. ISIP 20#. On vacuum immediately. Pumped 48 bbl acid. Flushed w/ 25.5 bbls 3% HCl water. Rig up and swab back spent acid. Recovered acid plus 50 bbl water. Unseat packer and lower 1 jt. Inject 30 bbl water. Max pressure 1800, on vacuum immediately. Unseat pkr & reset at 6142'. Rig up & pump 14 bbl water. Pressure up to 3000 psig. SD. ISIP 1020. Acidize w/ 500 gal 7 1/2% HCl as above. Dropped 30 balls. Balled off 12 bbls into flush. Surge balls off & finish. Max 5300#, avg 3500#, final 4200# @ 4.5 BPM. Max rate 6 BPM. AIR 5 BPM, final 4.5 BPM. ISIP 1550#, 5 min 410#, 10 min 110#, 15 min 0#. Rig up & swab back spent acid & 30 bbl water. SDFN.

DC: \$6402  
CC: \$51,372

## San Arroyo Unit #13

-----  
 2-22-88 - Present operations: Prep to frac 6177-92'. Salt wash. Type of fluid in hole: 3% KCl 8.84#. Total lost to date: 493 bbls. Total swabbed: 400 bbls. Left to recover: 93 bbls. Shut in.

DC: \$530  
 CC: \$51,902

2-23-88 - Present operations: TOH w/ pkr. Added to system: 91 bbls. Lost to formation: 91 bbls. Total lost to date: 584 bbls. Swabbed today: 10 bbls. Total swabbed: 410 bbls. Left to recover: 174 bbls. SITP 80#. SICP 110#. RU & swab. Fluid level 4700, 7.1 bbls. Rig up Dowell. Prepare to frac. Frac lower Morrison 6177-92' w/ 15,090 gals 75% Q foam containing 1/1000 L-55, 1/1000 J 2-18, 40/1000 J-111 & 1#/100 bbls M275. 4000# 100 mesh & 1300# 20/40. Well screened out at 6380#. Flushed w/ 22 bbls of 75% Q foam. Max treating press 6380. Final treating press 5959 at 8 bbls/min. Avg treating press 5800 at 10 bbls/min. Max injection rate 12 bbls/min. Final injection rate 8 bbls/min. Avg injection rate 10 bbls/min. ISDP 4900, 5 min 4215, 10 min 4069, 15 min 3950. 12:00-1:00 (1 hr) Rig down & move out Dowell. Open to frac tank at 3200# thru 32/64" choke. Blew down in 1 hr. Flowing small stream at 20#. Left open to frac tank. SDON.

DC: \$23,023  
 CC: \$74,925

2-24-88 - Present operations: prep to frac Salt Wash. Type of fluid in hole: 3% KCl 8.84#. Total lost to date: 584 bbls. Swabbed today: 25 bbls. Total swabbed: 435 bbls. Left to recover: 119 bbls. SICP 210, tbg dead. Recovered 25 bbls overnight. Unseat pkr. TOH and lay down same. RIH w/ 6- DC out of derrick & LD same. TIH w/ Arrow Model 32A, tension pkr w/ seating nipple on top and 99 stds of tbg. Set pkr at 6050 GLM w/ 20,000# of tension. RU swabbing tee. Make 1 run, tbg dry. Install TIW. Close pipe rams. SDON.

DC: \$3868  
 CC: \$78,793

2-25-88 - Present operations: TOOH w/ pkr - check for tbg leak. Type of fluid: 3% KCL 8.84#. Added to system 60 bbls. Lost to formation: 60 bbls. Total lost to date: 644 bbls. Swabbed today: 25 bbls. Total swabbed 460 bbls. Left to recover 184 bbls. SITP 185. SICP 125. Remarks: RU 1 swab run, fluid level 5800'. Recovered. tstm. RU Dowell, prep to frac. Attempt to frac Salt Wash 6111-28 w/ 5000 gal 75Q foam. CP incr to 900#. TP @ 5300. SD. TP 3457, CP 1025 & rising. Stopped at 1150#. Bleed down tbg. Drop std valve, pressure up to

## San Arroyo Unit #13

-----  
 3521#. Broke back to 0. CP incr to 759. SD. Release pkr. TOOH w/ tbg. Looking for leak. Pull tight 4597 & 4539. 10,000# over. Pull 82 stds. Install TIW. Close pipe rams. SDFN.

DC: \$13,150  
 CC: \$91,942

2-26-88 - Finish trip out w/ pkr, tbg split 3" above pin on 16th joint above pkr. Lay down bad jt & packer. Packer contained formation cuttings. RIH w/ hydrostatic bailer. Tag fill @ 6200'. Clean out to 6227'. POOH w/ bailer & rec 2.4 bbls water, 60 ft of sand, various types of iron & junk. RIH w/ bit and casing scraper. Break circ w/ foamed nitrogen @ 4820'. Continue trip to 6227'. Pull 20' off bottom and attempt to break circ. No success. Max pressure 3580#. Bleed down casing and pull 11 stds. Bit at 5615'. SDFN.

DC: \$9643  
 CC: \$101,586

2-27-88 - Present operations: Prep to perf 6177-92'. Salt Wash. Finish TOOH w/ bit scraper. TIH w/ notched collar to 5612'. RU Dowell, circ hole w/ N2. TIH to 6227'. RU Dowell and circ hole w/ N2 to clean again. TOOH w/ notched collar.

DC: \$7839  
 CC: \$109,425

2-28-88 - Present operations: Prep to flow back frac of lower Salt Wash. Remarks: Rig up Dyna-Jet & perforate 6177-6192' w/ 16 holes. Run in with tubing, packer, and land at 6142'. RU Dowell to tst tbg w/ N2. 5600#. Developed a leak. Release the pkr, pump 10 bbls of KCl water, TOH w/ pkr & tbg. Found split on joint #181 about 8" from pin. TIH w/ tbg & pkr to 6142'. Pressure test tbg to 6000#. Pull stdng valve. RU Dowell frac. Pumped 500 gals of 15% acid, 2/1000 of L-250, 1/1000 F-75, 1/1000 L-55, 5#/1000 of L-58. Pumped 19,000 gals of 75 foam 1/1000 L-55, 1/1000 of J-218, 10#/bbl KCl, 1#/100 bbl M275, 10/1000 of J-111, 2000# of 100 mesh. 628# 20/40. Total N2 pumped: 577,000 scf. SIP 4350. 5 min 3977, 10 min 3849, 15 min 3748 psi. SDON.

DC: \$19,422  
 CC: \$128,847

San Arroyo Unit #13

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2-29-88 - Present operations: Flow test. Remarks: No report this a.m.

DC: \$3493  
CC: \$132,340

3-1-88 - 3% KCL in hole. 8.40#. Total lost to date: 756 bbls. 125 bbls swabbed today. Total swabbed: 585 bbls. Left to recover: 171 bbls. Shut down due to muddy road repair. TP tstm. Made 125 bbls water since frac. RU, swab 4 runs - could not pull any fluid, trace of highly nitrified gas - burns clear flame. No fluid in tbg. Close wing valve. SD.

DC: \$1740  
CC: \$134,080

3-2-88 - SITP 1155. Blow well down and well blew down in 3 min. Burns occasionally. Well dead in 10 min. SI.

3-3-88 - SITP 920. Blow down in 4 min.

3-4-88 - 9:00 a.m.: Tubing pressure 780#. Blow down to the pit. 9:12 a.m.: Tubing pressure 0#. Shut well in. 9:30 a.m.: Tubing pressure 0#. 11:30 a.m.: Tubing pressure 80#. Well shut in for pressure recovery test.

3-5-88 - 9:30 a.m.: Tubing pressure 620#. Flowing pressure: 0. Shut well in. 11:30 a.m.: 70#.

3-6-88 - Checking pressure build-up. Pressure 500# afer 27 hours shut in.

3-7-88 - Tubing pressure: 480#.

3-8-88 - Tubing pressure: 480#.

3-9-88 - TP 420#, CP 450#, Blow well down to 0 in 30 minutes, left well open at 11:05 a.m. on 20/64" choke.

3-10-88 - TP 0#, CP 450#

3-11-88 - No report.

3-12-88 - Well was open and flowing very little gas with 1 gallon per minute of water. Left well open and flowing.

## San Arroyo Unit #13

-----  
 3-13-88 - 10:30 am. No fluid or gas flow - flow line was open.

3-14-88 - No fluid or gas flow. Flowline was open. Well shut in.

3-15-88 - SITP 800 psig. Blow well and well blew down in 5 min. No fluid recovered and left well open.

3-16-88 - FTP 0 psig. Well flowing small amount wide open. Occasional surging with a small amount of fluid. Estimate that 2 bbl of liquid was recovered in last 24 hours.

3-17-88 - 0# tbg press. Slight flow of gas on flow line. Left well flowing.

3-18-88 - Tbg press 0#. Shut well in.

3-19-88 - Tbg press 0#. Shut in well.

3-22-88 - SITP 840#. Blow down well. Release pkr, tag bottom @ 6216'. POOH. Lay down work string. TIH w/ prod tbg. Land @ 5733'. S/N on bottom. ND BOP's. NU wellhead. Load workstring and extra tbg on truck. SDFN.

|                         |         |
|-------------------------|---------|
| Prod tbg 183 jts 2 3/8" | 5734.12 |
| Seating nipple          | .98     |
| Land 2 ft above GL      |         |
| End of tbg              | 5733.10 |

DC: \$1645

CC: \$134,725

3-23-88 - Break out all flow lines. Rig down and move out. Well shut in.

DC: \$1520

4-29-87

Tami,

It looks like this well is a commingled Dakota - Morrison producer. It used to be a dual completed well. According to report, well is on production now.

- JRB

TA. DKTA  
TA MRSN

DK.MR

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

|   |  |  |
|---|--|--|
| 1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER   |  | 5. LEASE DESIGNATION AND SERIAL NO.              |
| 2. NAME OF OPERATOR<br>Graham Royalty, Ltd.   |  | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME             |
| 3. ADDRESS OF OPERATOR<br>1675 Larimer Street, Suite 400, Denver, Colorado 80202  |  | 7. UNIT AGREEMENT NAME                           |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)<br>At surface |  | 8. FARM OR LEASE NAME                            |
| 14. PERMIT NO.  |  | 9. WELL NO.                                      |
| 15. ELEVATIONS (Show whether DF, ST, OR, etc.)  |  | 10. FIELD AND POOL, OR WILDCAT                   |
| DIVISION OF OIL, GAS & MINING   |  | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA |
|   |  | 12. COUNTY OR PARISH 13. STATE                   |

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MAY 01 1989

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

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

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

Effective April 1, 1989 Graham Royalty, Ltd. took over as operator from Birch Corporation on various wells in the San Arroyo Field.  
The attached Exhibit shows a list of wells and their location.

18. I hereby certify that the foregoing is true and correct  
SIGNED Wilbur L. Dover TITLE Vice President DATE April 25, 1989  
(This space for Federal or State office use)

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

\*See Instructions on Reverse Side

|            |    |              |                       |               |
|------------|----|--------------|-----------------------|---------------|
| San Arroyo | 1  | Entrada Unit | SE NW Sec. 26-16S-25E | Grand Co., UT |
| San Arroyo | 2  | Entrada Unit | SE NW Sec. 22-16S-25E | Grand Co., UT |
| San Arroyo | 3  | Entrada Unit | SE NW Sec. 23-16S-25E | Grand Co., UT |
| San Arroyo | 5  | Entrada Unit | NW SE Sec. 25-16S-25E | Grand Co., UT |
| San Arroyo | 6  | Entrada Unit | SW NE Sec. 21-16S-25E | Grand Co., UT |
| San Arroyo | 40 | Entrada Unit | NW NE Sec. 27-16S-25E | Grand Co., UT |

|            |     |             |                       |               |
|------------|-----|-------------|-----------------------|---------------|
| San Arroyo | 4   | Dakota Unit | SE SW Sec. 30-16S-26E | Grand Co., UT |
| San Arroyo | 8   | Dakota Unit | SW SW Sec. 16-16S-25E | Grand Co., UT |
| San Arroyo | 9   | Dakota Unit | NW NE Sec. 27-16S-25E | Grand Co., UT |
| San Arroyo | 11  | Dakota Unit | NE SW Sec. 15-16S-25E | Grand Co., UT |
| San Arroyo | 12  | Dakota Unit | SW SW Sec. 23-16S-25E | Grand Co., UT |
| San Arroyo | 13  | Dakota Unit | NE SW Sec. 22-16S-25E | Grand Co., UT |
| San Arroyo | 16  | Dakota Unit | SE SW Sec. 26-16S-25E | Grand Co., UT |
| San Arroyo | 17  | Dakota Unit | NE NE Sec. 24-16S-25E | Grand Co., UT |
| San Arroyo | 18  | Dakota Unit | NW NW Sec. 30-16S-26E | Grand Co., UT |
| San Arroyo | 19  | Dakota Unit | SW SE Sec. 14-16S-25E | Grand Co., UT |
| San Arroyo | 20  | Dakota Unit | SE NE Sec. 26-16S-25E | Grand Co., UT |
| San Arroyo | 21  | Dakota Unit | NW SE Sec. 25-16S-25E | Grand Co., UT |
| San Arroyo | 22  | Dakota Unit | NE NE Sec. 15-16S-25E | Grand Co., UT |
| San Arroyo | 24  | Dakota Unit | SE NW Sec. 19-16S-25E | Grand Co., UT |
| San Arroyo | 25  | Dakota Unit | SW NE Sec. 21-16S-25E | Grand Co., UT |
| San Arroyo | 26  | Dakota Unit | SW SW Sec. 20-16S-26E | Grand Co., UT |
| San Arroyo | 27  | Dakota Unit | NE SW Sec. 29-16S-26E | Grand Co., UT |
| San Arroyo | 28  | Dakota Unit | NW NE Sec. 29-16S-26E | Grand Co., UT |
| San Arroyo | 29  | Dakota Unit | NE NE Sec. 22-16S-26E | Grand Co., UT |
| San Arroyo | 30  | Dakota Unit | NW SW Sec. 21-16S-26E | Grand Co., UT |
| San Arroyo | 31  | Dakota Unit | NW NW Sec. 22-16S-25E | Grand Co., UT |
| San Arroyo | 32  | Dakota Unit | SW SW Sec. 14-16S-25E | Grand Co., UT |
| San Arroyo | 33  | Dakota Unit | SW SW Sec. 25-16S-25E | Grand Co., UT |
| San Arroyo | 35  | Dakota Unit | SE SW Sec. 24-16S-25E | Grand Co., UT |
| San Arroyo | 36A | Dakota Unit | SE SE Sec. 19-16S-26E | Grand Co., UT |
| San Arroyo | 37  | Dakota Unit | SW NE Sec. 20-16S-26E | Grand Co., UT |
| San Arroyo | 38  | Dakota Unit | SW NE Sec. 16-16S-25E | Grand Co., UT |

|                  |  |  |                       |                |
|------------------|--|--|-----------------------|----------------|
| Arco Fed. 27-1   |  |  | NW SW Sec. 27-16S-25E | Grand Co., UT  |
| Arco State 2-1   |  |  | NW SW Sec. 2-16S-24E  | Grand Co., UT  |
| Arco State 2-2   |  |  | NW SW Sec. 2-16S-24E  | Grand Co., UT  |
| Arco State 36-7  |  |  | NW SW Sec. 36-15S-24E | Grand Co., UT  |
| Arco State 36-8  |  |  | NW SW Sec. 36-15S-24E | Grand Co., UT  |
| Federal 174-1    |  |  | SE SW Sec. 11-16S-25E | Grand Co., UT  |
| Bittercreek #1   |  |  | SE SW Sec. 2-16S-25E  | Grand Co., UT  |
| Black Horse 31-1 |  |  | SE SW Sec. 31-15S-24E | Uintah Co., UT |
| Fed. Gilbert #1  |  |  | SE SW Sec. 31-15S-24E | Grand Co., UT  |

↳ per Jackie Cannon from Buch, Graham Royalty does not own  
 this well. JS 5/15/84

June 6, 1989

**RECEIVED**  
JUN 08 1989

State of Utah  
Natural Resources  
Oil & Gas Program  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

DIVISION OF  
OIL, GAS & MINING

Attention: Ms. Tammy Searing

Dear Ms. Searing

Per telephone conversation this date we would like to split the wells shown on the monthly Oil & Gas Production Report turn-around document.

We would like entity numbers; 00500, 00505, 00515, 00520, 08340, 08341, and 09710, to be included on a separate report and mailed to our agent for these wells: Natural Gas Gathering Company of Texas, 12700 Northborough, Suite 100, Houston, TX 77067.

All other wells shown on our monthly report should continue to be mailed to: Graham Royalty, Ltd., 1675 Larimer Street, Suite 400, Denver, Colorado 80202.

If you should have any questions, please advise.

Sincerely,

*C. C. Robbins*

C. C. Robbins  
Reg. Affairs Supervisor

CCR/ng



UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut  
84180-1203. • (801-538-5340)

# MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• GRAHAM ROYALTY, LTD.  
1675 LARIMER STREET  
DENVER CO 80202  
ATTN: CINDI ROBBINS

Utah Account No. N0505

Report Period (Month/Year) 5 / 89

Amended Report

| Well Name                   | Producing Zone | Days Oper | Production Volume |            |             |
|-----------------------------|----------------|-----------|-------------------|------------|-------------|
|                             |                |           | Oil (BBL)         | Gas (MSCF) | Water (BBL) |
| SAN ARROYO UNIT #35         |                |           |                   |            |             |
| 4301911090 00500 16S 25E 24 | MRSN           |           |                   |            |             |
| SAN ARROYO 4                |                |           |                   |            |             |
| 4301915887 00500 16S 26E 30 | DKTA           |           |                   |            |             |
| SAN ARROYO 8                |                |           |                   |            |             |
| 4301915890 00500 16S 25E 16 | DKTA           |           |                   |            |             |
| SAN ARROYO 9                |                |           |                   |            |             |
| 4301915891 00500 16S 25E 27 | DKTA           |           |                   |            |             |
| SAN ARROYO #11              |                |           |                   |            |             |
| 4301915892 00500 16S 25E 15 | SLTW           |           |                   |            |             |
| SAN ARROYO 12               |                |           |                   |            |             |
| 4301915893 00500 16S 25E 23 | DKTA           |           |                   |            |             |
| SAN ARROYO 13               |                |           |                   |            |             |
| 4301915894 00500 16S 25E 22 | DK-MR          |           |                   |            |             |
| SAN ARROYO #16              |                |           |                   |            |             |
| 4301915896 00500 16S 25E 26 | CM-MR          |           |                   |            |             |
| SAN ARROYO 17               |                |           |                   |            |             |
| 4301915897 00500 16S 25E 24 | DK-MR          |           |                   |            |             |
| SAN ARROYO #18              |                |           |                   |            |             |
| 4301915898 00500 16S 26E 30 | DK-CM          |           |                   |            |             |
| SAN ARROYO 19               |                |           |                   |            |             |
| 4301915899 00500 16S 25E 14 | DKTA           |           |                   |            |             |
| SAN ARROYO 20               |                |           |                   |            |             |
| 4301915900 00500 16S 25E 26 | DKTA           |           |                   |            |             |
| SAN ARROYO 21               |                |           |                   |            |             |
| 4301915901 00500 16S 25E 25 | DKTA           |           |                   |            |             |
| TOTAL                       |                |           |                   |            |             |

Comments (attach separate sheet if necessary) \_\_\_\_\_

I have reviewed this report and certify the information to be accurate and complete. Date \_\_\_\_\_

Authorized signature \_\_\_\_\_ Telephone \_\_\_\_\_

NORTHSTAR GAS COMPANY

256 E. North Sam Houston Parkway, Suite 250, Houston, Texas 77060  
(713) 820-6886

FAX: (713) 820-6885  
**RECEIVED**  
APR 09 1990

April 5, 1990

Utah Natural Resources  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

DIVISION OF  
OIL, GAS & MINING

To Whom It May Concern:

Northstar Gas Company is the new operating agent for Graham Royalty, Ltd. Please make any corrections necessary so we may receive our correspondence from your agency. The new information is as follows:

Northstar Gas Company  
256 E. North Sam Houston Parkway, Suite 250  
Houston, Texas 77060  
713-820-6886

Thank you.

Sincerely,

*Paul A. Bernard, Jr. / LR*  
Paul A. Bernard, Jr.  
Controller

NORTHSTAR GAS COMPANY

PAB/lr  
Enclosures

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MAR 12 1990

STATE OF UTAH

BOARD AND DIVISION OF OIL, GAS AND MINING

DIVISION OF  
OIL, GAS & MINING

DESIGNATION OF AGENT

The undersigned producer, operator, transporter, refiner, gasoline or other extraction plant operator or initial purchaser who is conducting oil and/or gas operations in the State of Utah, does, pursuant to the Oil and Gas Conservation General Rules and Procedural Rules of the Board of Oil, Gas and Mining of the State of Utah, hereby appoint

Northstar Gas Company, Inc.

256 E. North Sam Houston Parkway, Suite 250

(Address)

Houston, Texas 77060

(his, her or its) designated agent to accept and to be served with notices from the Board and Division Director or Authorized Agent in accordance with the Oil and Gas Conservation Act of the State of Utah.

The undersigned further agrees to immediately report in writing, all changes of address of the agent, and any termination of the agent's authority, and in the latter case, the designation of a new agent or agents shall be immediately made. This designation of agent, however, shall remain in full force and effect until and unless a new designation of agent is filed in accordance with the statute and/or rules.

Effective Date of Designation March 1, 1990

Company Graham Royalty, Ltd.

Phone (303) 629-1736

Address 1675 Larimer Street, Suite 400

Denver, Colorado 80202

By Wilbur L. Dover  
(Signature) Wilbur L. Dover

Title Vice President/Division Manager

June 6, 1989

**RECEIVED**  
JUN 08 1989

State of Utah  
Natural Resources  
Oil & Gas Program  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

DIVISION OF  
OIL, GAS & MINING

Attention: Ms. Tammy Searing

Dear Ms. Searing:

Per telephone conversation this date we would like to split the wells shown on the monthly Oil & Gas Production Report turn-around document.

We would like entity numbers; 00500, 00505, 00515, 00520, 08340, 08341, and 09710, to be included on a separate report and mailed to our agent for these wells: Natural Gas Gathering Company of Texas, 12700 Northborough, Suite 100, Houston, TX 77067.

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If you should have any questions, please advise.

Sincerely,

*C. C. Robbins*

C. C. Robbins  
Reg. Affairs Supervisor

CCR/ng

# MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

C/O NORTHSTAR GAS CO INC  
 GRAHAM ROYALTY LTD  
 15000 NW FREEWAY STE 203  
 HOUSTON TX 77040

UTAH ACCOUNT NUMBER: N0505

REPORT PERIOD (MONTH/YEAR): 6 / 93

AMENDED REPORT  (Highlight Changes)

| Well Name<br>API Number | Entity | Location   | Producing<br>Zone | Well<br>Status | Days<br>Oper | Production Volumes |          |            |
|-------------------------|--------|------------|-------------------|----------------|--------------|--------------------|----------|------------|
|                         |        |            |                   |                |              | OIL(BBL)           | GAS(MCF) | WATER(BBL) |
| SAN ARROYO UNIT #35     |        |            |                   |                |              |                    |          |            |
| ✓4301911090             | 00500  | 16S 25E 24 | MRSN              | U-0369         |              |                    |          |            |
| SAN ARROYO 4            |        |            |                   |                |              |                    |          |            |
| 4301915887              | 00500  | 16S 26E 30 | DKTA              | U-06023        |              |                    |          |            |
| SAN ARROYO 8            |        |            |                   |                |              |                    |          |            |
| ✓4301915890             | 00500  | 16S 25E 16 | DKTA              | U-0369         |              |                    |          |            |
| SAN ARROYO 9            |        |            |                   |                |              |                    |          |            |
| ✓4301915891             | 00500  | 16S 25E 27 | DKTA              | SL-0370-A      |              |                    |          |            |
| SAN ARROYO #11          |        |            |                   |                |              |                    |          |            |
| ✓4301915892             | 00500  | 16S 25E 15 | SLTW              | U-05059-C      |              |                    |          |            |
| SAN ARROYO 12           |        |            |                   |                |              |                    |          |            |
| ✓4301915893             | 00500  | 16S 25E 23 | DKTA              | SL-071307      |              |                    |          |            |
| SAN ARROYO 13           |        |            |                   |                |              |                    |          |            |
| ✓4301915894             | 00500  | 16S 25E 22 | DK-MR             | U-0370-A       |              |                    |          |            |
| SAN ARROYO #16          |        |            |                   |                |              |                    |          |            |
| ✓4301915896             | 00500  | 16S 25E 26 | CM-MR             | U-0369         |              |                    |          |            |
| SAN ARROYO 17           |        |            |                   |                |              |                    |          |            |
| ✓4301915897             | 00500  | 16S 25E 24 | DK-MR             | U-025243       |              |                    |          |            |
| SAN ARROYO #18          |        |            |                   |                |              |                    |          |            |
| ✓4301915898             | 00500  | 16S 26E 30 | DK-CM             | U-06023        |              |                    |          |            |
| SAN ARROYO 19           |        |            |                   |                |              |                    |          |            |
| ✓4301915899             | 00500  | 16S 25E 14 | DKTA              | U-05011-B      |              |                    |          |            |
| SAN ARROYO 20           |        |            |                   |                |              |                    |          |            |
| ✓4301915900             | 00500  | 16S 25E 26 | DKTA              | SL-0713        |              |                    |          |            |
| SAN ARROYO 21           |        |            |                   |                |              |                    |          |            |
| ✓4301915901             | 00500  | 16S 25E 25 | DKTA              | U-0369         |              |                    |          |            |
| <b>TOTALS</b>           |        |            |                   |                |              |                    |          |            |

COMMENTS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

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

Name and Signature: \_\_\_\_\_ Telephone Number: \_\_\_\_\_



PRODUCTION SERVICES CO.

Denver District

RECEIVED

JUL 16 1993

DIVISION OF  
OIL, GAS & MINING

July 14, 1993

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

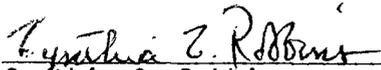
Attn: Ms. Lisha Cordova

Dear Ms. Cordova,

Effective August 1, 1993 we would like to change our operator name from Graham Royalty, Ltd. to Graham Energy, Ltd. Per our conversation this date it should be a simple change as no bond changes are required.

Attached is a list of the wells affected. Thank you.

Sincerely,

  
Cynthia C. Robbins  
Regulatory Affairs Supervisor

CC: Ken McKinney

Division of Oil, Gas and Mining  
PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

Well File \_\_\_\_\_

Suspense  
(Return Date) \_\_\_\_\_  
(To - Initials) \_\_\_\_\_

Other  
*Operator Change*

(Location) Sec \_\_\_\_\_ Twp \_\_\_\_\_ Rng \_\_\_\_\_  
(API No.) \_\_\_\_\_

1. Date of Phone Call: 7-19-93 = Time: 3:00

2. DOGM Employee (name) J. Cordova (Initiated Call   
Talked to:

Name Cynthia Robbins (Initiated Call  - Phone No. (303) 629-1736  
of (Company/Organization) Graham

3. Topic of Conversation: Confirm address for Graham Energy LTD.

4. Highlights of Conversation:

Agent "Northstar Gas Co. Inc." is to remain the same as is Houston  
mailing address. Change address for Graham Energy LTD from  
LA to TX. (updated 7-22-93)

\* 931116 - Linda Goldsby "Graham" referred to Btm (S.Y.)

Division of Oil, Gas and Mining  
**PHONE CONVERSATION DOCUMENTATION FORM**

Route original/copy to:

Well File \_\_\_\_\_

Suspense  
(Return Date) \_\_\_\_\_  
(To - Initials) \_\_\_\_\_

Other  
*Operator Change*

(Location) Sec \_\_\_ Twp \_\_\_ Rng \_\_\_  
(API No.) \_\_\_\_\_

1. Date of Phone Call: 12-9-93 Time: 3:00

2. DOGM Employee (name) P. Cordova (Initiated Call )  
Talked to:

Name Ken McKinney (Initiated Call ) - Phone No. (504) 893-8391

of (Company/Organization) Graham Royalty / Graham Energy

3. Topic of Conversation: Oper. nm. chg. "Graham Royalty to Graham Energy"

4. Highlights of Conversation: \_\_\_\_\_

Add'l info. required by Btms. L. "San Arroyo Unit", also Graham Energy has sold the wells to Northstar Gas Co. Inc. Documentation will follow.

\* Northstar Gas Co. Inc. / Paul Bitnard (713) 937-4314  
Mailing documentation ASAP.

Bureau of Land Management  
Branch of Fluid Minerals (UT-922)  
P.O. Box 45155  
Salt Lake City, Utah 84145-0155

RECEIVED

DEC 30 1993

DIVISION OF  
OIL, GAS & MINING

December 29, 1993

Graham Energy, Ltd.  
P.O. Box 3134  
Covington, Louisiana 70434-3134

RE: San Arroyo Unit  
Grand County, Utah

Gentlemen:

On December 27, 1993, we received an indenture whereby Graham Royalty, Ltd. resigned as Unit Operator and Graham Energy, Ltd. was designated as Successor Unit Operator for the San Arroyo Unit, Grand County, Utah.

The instrument is hereby approved effective December 29, 1993. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the San Arroyo Unit Agreement.

Your nationwide (Wyoming) oil and gas bond No. 1845 will be used to cover all operations within the San Arroyo Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

Enclosure

bcc: District Manager - Moab (w/enclosure)  
Division of Oil, Gas & Mining  
Division of Lands and Mineral Operations U-942  
File - San Arroyo Unit (w/enclosure)  
MMS - Data Management Division  
Agr. Sec. Chron  
Fluid Chron

WELL STATUS REPORTS  
UTAH STATE OFFICE

| INSPECTION ITEM                                | API NO.                   | WELL NUMBER   | QTQT            | SEC           | TWN            | RNG            | WELL STATUS    | LEASE NAME       | OPERATOR                          |
|--|---------------------------|---------------|-----------------|---------------|----------------|----------------|----------------|------------------|-----------------------------------|
| ** INSPECTION ITEM 891003859A SAN ARROYO DK MO |                           |               |                 |               |                |                |                |                  |                                   |
| 891003859A                                     | ✓430191589200S1           | 11            | NESW            | 15            | 16S            | 25E            | PGW            | UTU05059C        | GRAHAM ROYALTY LIMITED            |
| 891003859A                                     | ✓430191589300S1           | 12            | SWSW            | 23            | 16S            | 25E            | PGW            | UTSL071307       | GRAHAM ROYALTY LIMITED            |
| 891003859A                                     | ✓430191589400S1           | 13            | NESW            | 22            | 16S            | 25E            | GSI            | UTU0370A         | GRAHAM ROYALTY LIMITED            |
| <del>891003859A</del>                          | <del>430191589500X1</del> | <del>14</del> | <del>SWNE</del> | <del>16</del> | <del>16S</del> | <del>25E</del> | <del>ABB</del> | <del>STATE</del> | <del>GRAHAM ROYALTY LIMITED</del> |
| 891003859A                                     | ✓430191109100S1           | 15            | NESW            | 21            | 16S            | 25E            | TA             | UTU0136529       | GRAHAM ROYALTY LIMITED            |
| 891003859A                                     | ✓430191589600S1           | 16            | SESW            | 26            | 16S            | 25E            | PGW            | UTU0369          | GRAHAM ROYALTY LIMITED            |
| 891003859A                                     | ✓430191589700S1           | 17            | NENE            | 24            | 16S            | 25E            | PGW            | UTU025243        | GRAHAM ROYALTY LIMITED            |
| 891003859A                                     | ✓430191589800S1           | 18            | NWNW            | 30            | 16S            | 26E            | GSI            | UTU06023         | GRAHAM ROYALTY LIMITED            |
| 891003859A                                     | ✓430191589900S1           | 19            | SWSE            | 14            | 16S            | 25E            | PGW            | UTU05011B        | GRAHAM ROYALTY LIMITED            |
| 891003859A                                     | ✓430191590000S1           | 20            | SENE            | 26            | 16S            | 25E            | PGW            | UTSL071307       | GRAHAM ROYALTY LIMITED            |
| 891003859A                                     | ✓430191590100S1           | 21            | NWSE            | 25            | 16S            | 25E            | PGW            | UTU0369          | GRAHAM ROYALTY LIMITED            |
| 891003859A                                     | ✓430191590200S1           | 22            | NENE            | 15            | 16S            | 25E            | PGW            | UTU05011A        | GRAHAM ROYALTY LIMITED            |
| 891003859A                                     | ✓430191590300S1           | 24            | SENW            | 19            | 16S            | 26E            | PGW            | UTU06188         | GRAHAM ROYALTY LIMITED            |
| 891003859A                                     | ✓430191590400S1           | 25            | SWNE            | 21            | 16S            | 25E            | PGW            | UTU0136529       | GRAHAM ROYALTY LIMITED            |
| 891003859A                                     | ✓430191590500S1           | 26            | SWSW            | 20            | 16S            | 26E            | PGW            | UTU025297        | GRAHAM ROYALTY LIMITED            |
| 891003859A                                     | 430191590600S1            | 27            | NESW            | 29            | 16S            | 26E            | PGW            | UTU06021         | GRAHAM ROYALTY LIMITED            |
| 891003859A                                     | ✓430191590700S1           | 28            | NWNE            | 29            | 16S            | 26E            | PGW            | UTU05650         | GRAHAM ROYALTY LIMITED            |
| 891003859A                                     | ✓430191590800S1           | 29            | NENE            | 22            | 16S            | 25E            | PGW            | UTU0370A         | GRAHAM ROYALTY LIMITED            |
| 891003859A                                     | ✓430191590900S1           | 30            | NWSW            | 21            | 16S            | 26E            | PGW            | UTU05650         | GRAHAM ROYALTY LIMITED            |
| 891003859A                                     | ✓430193052700S1           | 31            | NWNW            | 22            | 16S            | 25E            | PGW            | UTU0370A         | GRAHAM ROYALTY LIMITED            |
| 891003859A                                     | ✓430193052800S1           | 32            | SWSW            | 14            | 16S            | 25E            | PGW            | UTU05011B        | GRAHAM ROYALTY LIMITED            |
| 891003859A                                     | ✓430193060800S1           | 33            | SWSW            | 25            | 16S            | 25E            | PGW            | UTU0369          | GRAHAM ROYALTY LIMITED            |
| 891003859A                                     | ✓430191109000S1           | 35            | SESW            | 24            | 16S            | 25E            | PGW            | UTU0369          | GRAHAM ROYALTY LIMITED            |
| 891003859A                                     | ✓430193125100S1           | 36-A          | SESE            | 19            | 16S            | 26E            | PGW            | UTU06188         | GRAHAM ROYALTY LIMITED            |
| 891003859A                                     | ✓430193125200S1           | 37            | SWNE            | 20            | 16S            | 26E            | PGW            | UTU05650         | GRAHAM ROYALTY LIMITED            |
| 891003859A                                     | ✓430193125300S1           | 38            | NESW            | 16            | 16S            | 25E            | PGW            | STATE            | GRAHAM ROYALTY LIMITED            |
| 891003859A                                     | ✓430191588700S1           | 4             | SESW            | 30            | 16S            | 26E            | PGW            | UTU06023         | GRAHAM ROYALTY LIMITED            |
| 891003859A                                     | ✓430193128900S1           | 41            | NENE            | 36            | 16S            | 25E            | PGW            | STATE            | GRAHAM ROYALTY LIMITED            |
| 891003859A                                     | ✓430193129000S1           | 42            | NESE            | 30            | 16S            | 26E            | PGW            | UTU06023         | GRAHAM ROYALTY LIMITED            |
| 891003859A                                     | ✓430193129100S1           | 43            | NESE            | 29            | 16S            | 26E            | PGW            | UTU06021         | GRAHAM ROYALTY LIMITED            |
| 891003859A                                     | ✓430193130100S1           | 44            | SENE            | 30            | 16S            | 26E            | PGW            | UTU06023         | GRAHAM ROYALTY LIMITED            |
| 891003859A                                     | ✓430193129900S1           | 45            | NWSE            | 20            | 16S            | 26E            | PGW            | UTU05650         | GRAHAM ROYALTY LIMITED            |
| 891003859A                                     | ✓430193131800S1           | 47            | NENE            | 31            | 16S            | 26E            | PGW            | U06023           | GRAHAM ROYALTY LIMITED            |
| 891003859A                                     | ✓430193131600S1           | 49            | NENW            | 29            | 16S            | 26E            | PGW            | UTU025245        | GRAHAM ROYALTY LIMITED            |
| 891003859A                                     | ✓430191589000S1           | 8             | SWSW            | 16            | 16S            | 25E            | PGW            | STATE            | GRAHAM ROYALTY LIMITED            |
| 891003859A                                     | ✓430191589100S1           | 9             | NWNE            | 27            | 16S            | 25E            | PGW            | UTU0370A         | GRAHAM ROYALTY LIMITED            |
| ** INSPECTION ITEM 891003859B SAN ARROYO EN    |                           |               |                 |               |                |                |                |                  |                                   |
| 891003859B                                     | ✓430191653200S1           | 1             | SENW            | 26            | 16S            | 25E            | PGW            | UTSL071307       | GRAHAM ROYALTY LIMITED            |
| 891003859B                                     | ✓430191588500S1           | 2             | SENW            | 22            | 16S            | 25E            | PGW            | UTU0370A         | GRAHAM ROYALTY LIMITED            |
| 891003859B                                     | ✓430191588600S1           | 3             | SENW            | 23            | 16S            | 25E            | GSI            | UTU0369          | GRAHAM ROYALTY LIMITED            |
| 891003859B                                     | ✓430193125000S1           | 40            | NWNE            | 27            | 16S            | 25E            | PGW            | UTU0370A         | GRAHAM ROYALTY LIMITED            |
| 891003859B                                     | ✓430191588800S1           | 5             | NWSE            | 25            | 16S            | 25E            | PGW            | UTU0369          | GRAHAM ROYALTY LIMITED            |
| 891003859B                                     | ✓430191588900S1           | 6             | SWNE            | 21            | 16S            | 25E            | PGW            | UTU0136529       | GRAHAM ROYALTY LIMITED            |

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

Routing:

|       |        |
|-------|--------|
| 1-LEC | 7-SJ   |
| 2-DTS | 8-FILE |
| 3-VLC |        |
| 4-RJE |        |
| 5-PLC |        |
| 6-PL  |        |

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 (well sold)                       Designation of Agent  
 Designation of Operator                               Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 8-1-93)

TO (new operator) GRAHAM ENERGY LTD  
 (address) C/O NORTHSTAR GAS CO INC  
15000 NW FREEWAY STE 203  
HOUSTON, TX 77040  
 phone (713) 937-4314  
 account no. N 7590

FROM (former operator) GRAHAM ROYALTY LTD  
 (address) C/O NORTHSTAR GAS CO INC  
15000 NW FREEWAY STE 203  
HOUSTON, TX 77040  
 phone (713) 937-4314  
 account no. N0505(A)

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

**\*SAN ARROYO UNIT, NW-115, ETC.**

|                              |                       |               |           |           |           |                   |
|------------------------------|-----------------------|---------------|-----------|-----------|-----------|-------------------|
| Name <b>**SEE ATTACHED**</b> | API: <u>019-15894</u> | 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**

- See 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(filed 7-16-93)*
- N/A 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *See Graham Royalty, LTD, Graham Energy, LTD and Graham Resources Inc.*
- See 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: #100783.
- See 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.
- See 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(1-10-94)*
- See 6. Cardex file has been updated for each well listed above. *(1-10-94)*
- See 7. Well file labels have been updated for each well listed above. *(1-10-94)*
- See 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(1-10-94)*
- See 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) \* 50,000 Surety "St. Paul Fire and Marine Ins. Co"; No chg. necessary, no Fee wells currently associated with bond.

- 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- 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.   
 O.T.S. 1-12-94
- 2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

- 1. All attachments to this form have been microfilmed. Date: March 10 1994.

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

940107 Bbm/S.Y. Approved C.A. NW-115 and San Arroyo Unit eff. 12-29-93.

## MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

C/O NORTHSTAR GAS CO INC  
 GRAHAM ENERGY LTD  
 15000 NW FREEWAY STE 203  
 HOUSTON TX 77040

UTAH ACCOUNT NUMBER: N7590

REPORT PERIOD (MONTH/YEAR): 12 / 93

AMENDED REPORT  (Highlight Changes)

| Well Name           |        |            | Producing Zone | Well Status | Days Oper | Production Volumes |          |            |
|---------------------|--------|------------|----------------|-------------|-----------|--------------------|----------|------------|
| API Number          | Entity | Location   |                |             |           | OIL(BBL)           | GAS(MCF) | WATER(BBL) |
| SAN ARROYO UNIT #35 |        |            |                |             |           |                    |          |            |
| 4301911090          | 00500  | 16S 25E 24 | MRSN           |             |           |                    |          |            |
| SAN ARROYO 4        |        |            |                |             |           |                    |          |            |
| 4301915887          | 00500  | 16S 26E 30 | DKTA           |             |           |                    |          |            |
| SAN ARROYO 8        |        |            |                |             |           |                    |          |            |
| 4301915890          | 00500  | 16S 25E 16 | DKTA           |             |           |                    |          |            |
| SAN ARROYO 9        |        |            |                |             |           |                    |          |            |
| 4301915891          | 00500  | 16S 25E 27 | DKTA           |             |           |                    |          |            |
| SAN ARROYO #11      |        |            |                |             |           |                    |          |            |
| 4301915892          | 00500  | 16S 25E 15 | SLTW           |             |           |                    |          |            |
| SAN ARROYO 12       |        |            |                |             |           |                    |          |            |
| 4301915893          | 00500  | 16S 25E 23 | DKTA           |             |           |                    |          |            |
| SAN ARROYO 13       |        |            |                |             |           |                    |          |            |
| 4301915894          | 00500  | 16S 25E 22 | DK-MR          |             |           |                    |          |            |
| SAN ARROYO #16      |        |            |                |             |           |                    |          |            |
| 4301915896          | 00500  | 16S 25E 26 | CM-MR          |             |           |                    |          |            |
| SAN ARROYO 17       |        |            |                |             |           |                    |          |            |
| 4301915897          | 00500  | 16S 25E 24 | DK-MR          |             |           |                    |          |            |
| SAN ARROYO #18      |        |            |                |             |           |                    |          |            |
| 4301915898          | 00500  | 16S 26E 30 | DK-CM          |             |           |                    |          |            |
| SAN ARROYO 19       |        |            |                |             |           |                    |          |            |
| 4301915899          | 00500  | 16S 25E 14 | DKTA           |             |           |                    |          |            |
| SAN ARROYO 20       |        |            |                |             |           |                    |          |            |
| 4301915900          | 00500  | 16S 25E 26 | DKTA           |             |           |                    |          |            |
| SAN ARROYO 21       |        |            |                |             |           |                    |          |            |
| 4301915901          | 00500  | 16S 25E 25 | DKTA           |             |           |                    |          |            |
| <b>TOTALS</b>       |        |            |                |             |           |                    |          |            |

COMMENTS: \_\_\_\_\_

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

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

Name and Signature: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

**S. E. U. T. CO.**

Accommodation Recording  
Not Examined

**ASSIGNMENT, BILL OF SALE  
AND CONVEYANCE**

Entry No. 429639  
Recorded 10-22-93 2 36 PM  
BK. 457 Pg. 83 Fee 80.00  
96  
Melane Mosher  
Recorder of Grand County

This Assignment, Bill of Sale and Conveyance ("Assignment"), is from each of Prudential-Bache Energy Growth Fund, L.P. G-1 and Prudential-Bache Energy Growth Fund, L.P. G-2, each a Delaware limited partnership and acting herein through their general partner, Graham Energy, Ltd. (collectively, "Assignor"), to Northstar Gas Company, Inc. ("Assignee"). Assignor has an address of 109 Northpark Boulevard, Covington, Louisiana 70433, and Assignee has an address of 15000 Northwest Freeway, Suite 203, Houston, Texas 77040.

For, and in consideration of Ten Dollars (\$10.00) cash and other good and valuable consideration in hand paid, the receipt and adequacy of which are hereby acknowledged, each Assignor does hereby, severally, and not jointly, Bargain, Sell, Transfer, Set Over, Grant, Assign, Convey and Deliver unto Assignee, all of such Assignor's right, title, interest and estate in and to the oil and gas properties described on Exhibit "A" (the "Oil and Gas Properties"). The Oil and Gas Properties shall include all mineral interests, working interests, overriding interests, reversionary interests, net profits interests, net revenue interests and any other interest of any kind without warranty of title either express or implied, to the extent they are owned and may be conveyed by Sellers.

The Oil and Gas Properties shall include, to the extent each Assignor may lawfully assign same, all of such Assignor's rights, title, interest and estate in and to the property and rights incident, and to the extent attributable, to the Oil and Gas Properties, the lands covered thereby or utilized therewith, including, without limitation, (i) all presently existing pooling or unitization agreements and the units created thereby, and all units formed by virtue of orders issued by applicable State regulatory agencies, (ii) all presently existing operating agreements and all other contracts, agreements and records, (iii) all personal property, easements, permits, surface leases, servitudes and rights-of-way situated upon or used in connection with the production, treating, storing or transportation of oil, gas or other hydrocarbons or minerals.

TO HAVE AND TO HOLD the Oil and Gas Properties unto Assignee and its successors and assigns forever.

NOTWITHSTANDING ANY PROVISION IN THIS ASSIGNMENT OR ANY DOCUMENT DELIVERED IN CONNECTION HERewith TO THE CONTRARY, THE OIL AND GAS PROPERTIES AND ANY OTHER PROPERTY OR RIGHTS CONVEYED HEREUNDER ARE CONVEYED "AS IS," "WHERE IS," "WITH ALL FAULTS," AND IN THEIR PRESENT CONDITION AND STATE OF REPAIR, AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTY, INCLUDING WARRANTY OF TITLE OR ANY WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR CONFORMITY TO MODELS OR SAMPLES OR AS TO ANY CLAIM BY ASSIGNEE FOR DAMAGES BECAUSE OF DEFECTS, WHETHER KNOWN OR UNKNOWN, OR ANY OTHER SORT OF WARRANTY. ASSIGNEE HAS INSPECTED, OR HAS HAD THE OPPORTUNITY TO INSPECT, THE OIL AND

**GAS PROPERTIES AND PREMISES FOR ALL PURPOSES, INCLUDING WITHOUT LIMITATION FOR THE PURPOSE OF DETERMINING THE PRESENCE OF ENVIRONMENTAL CONDITIONS, OF DETECTING THE PRESENCE OF NATURALLY OCCURRING RADIOACTIVE MATERIAL "(NORM)" AND MAN-MADE MATERIAL FIBERS "(MMMFM)" AND HAS SATISFIED ITSELF AS TO THEIR PHYSICAL AND ENVIRONMENTAL CONDITIONS, BOTH SURFACE AND SUBSURFACE. ASSIGNEE ACCEPTS ALL OF THE SAME IN THEIR "AS IS," "WHERE IS," CONDITION, AND EACH ASSIGNOR EXPRESSLY DISCLAIMS ANY LIABILITY ARISING IN CONNECTION WITH ANY PRESENCE OR ENVIRONMENTAL CONDITIONS, NORM OR MMMFM ON THE OIL AND GAS PROPERTIES.**

From and after the Effective Time, Assignee hereby agrees to assume, be bound by and subject to each Assignor's express and implied covenants, rights, obligations and liabilities with respect to the Oil and Gas Properties, and Assignee's interest in the Oil and Gas Properties shall bear its proportionate share of royalty interests, overriding royalty interests and other payments out of or measured by production from and after the Effective Time.

This Assignment is made expressly subject to all existing overriding royalties or other burdens affecting the Oil and Gas Properties as listed on Exhibit "A."

Assignee and its permitted successors and assigns shall preserve and maintain all lease, contract and title files, well logs, well files, division orders and related files, title documentation, correspondence and other data and records in the possession of Assignor pertaining to the Oil and Gas Properties (the "Records") for a period of two (2) years from the date of acknowledgement of this Assignment, during such period shall afford Assignor and its duly authorized representatives access at all reasonable times during normal business hours to all Records as Assignor shall request in order to defend against, oppose or otherwise investigate any claims or potential claims against Assignor arising as a result of any acts, events or operations prior to the date of acknowledgement of this Assignment or as a result of this Assignment, and shall make any conveyance or transfer of the Oil and Gas Properties specifically subject to the obligations of this paragraph.

Notwithstanding any other provision herein to the contrary, this Assignment is made with full substitution and subrogation of Assignee in and to all covenants and warranties by others heretofore given or made to Assignors in respect of the Oil and Gas Properties or any part thereof.

The provisions hereof shall be covenants running with the land and shall be binding upon and inure to the benefit of the parties hereto, their respective successors and assigns.

In the event two or more Oil and Gas Properties cover the same land (e.g., an oil and gas leasehold interest included within the Oil and Gas Properties may cover the same land as a mineral, royalty or overriding interest included within the Oil and Gas Properties), no merger of title shall occur, and each of the Oil and Gas Properties covering the same land is conveyed and shall be owned by Assignee as a separate and distinct property.

Separate assignments of certain of the Oil and Gas Properties may be executed on officially approved forms by Assignor to Assignee in sufficient counterparts to satisfy applicable statutory and regulatory requirements. Those assignments shall be deemed to contain all of the exceptions, reservations, rights, titles, power and privileges set forth herein as fully as though they were set forth in each such assignment. The interests conveyed by such separate assignments are the same, and not in addition to, the Oil and Gas Properties conveyed herein.

The parties agree to take all such further actions and execute, acknowledge and deliver all such further documents that are necessary or useful in carrying out the purposes of this Assignment. Assignor agrees to execute, acknowledge and deliver to Assignee all such other additional instruments, notices, division orders, transfer orders and other documents and to do all such other and further acts and things as may be necessary to more fully and effectively grant, convey and assign to Assignee the Oil and Gas Properties conveyed hereby or intended so to be.

This Assignment may be executed in any number of counterparts, and each counterpart hereof shall be deemed to be an original instrument, but all such counterparts shall constitute but one assignment.

References in this Assignment and in Exhibit "A," to contracts, agreements or instruments shall not be deemed to create any rights in favor of any third party.

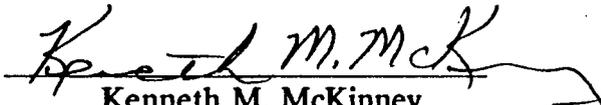
Assignee joins in the execution hereof for the purpose of being bound by all the terms, provisions, obligations and covenants herein specified.

IN WITNESS WHEREOF, this instrument is signed and executed in multiple counterparts as of the date (s) set forth on the acknowledgements hereto, but, shall be effective for all purposes as of 7:00 o'clock A.M., local time, September 1, 1993 (the "Effective Time").

ASSIGNORS:

PRUDENTIAL-BACHE ENERGY  
GROWTH FUND, L.P. G-1

By: Graham Energy, Ltd.,  
as General Partner

By:   
Kenneth M. McKinney  
Vice President

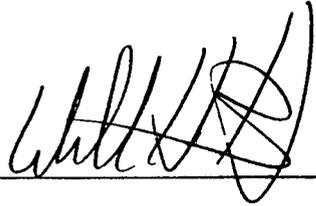
ATTEST:

By: 

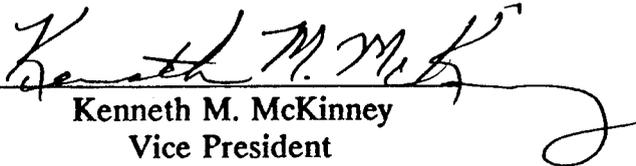
[SEAL]

PRUDENTIAL-BACHE ENERGY  
GROWTH FUND, L.P. G-2

ATTEST:

By: 

By: Graham Energy, Ltd., as  
General Partner

By:   
Kenneth M. McKinney  
Vice President

[SEAL]

WITNESSES TO ASSIGNORS'  
SIGNATURES:

Muna E. Meuc

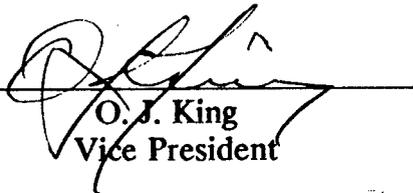
Belinda J. Meutz

ASSIGNEE:

NORTHSTAR GAS COMPANY, INC.

ATTEST:

By: 

By:   
O. J. King  
Vice President

[SEAL]

WITNESSES TO ASSIGNEE'S  
SIGNATURE:

Muna E. Meuc

Belinda J. Meutz

STATE OF LOUISIANA

PARISH OF ORLEANS

ON THIS, the 20<sup>th</sup> day of October, 1993, before me, the undersigned Notary, personally appeared Kenneth M. McKinney, who acknowledged that he is the Vice President of Graham Energy, Ltd., the general partner of Prudential-Bache Energy Growth Fund, L.P. G-1, a Delaware limited partnership, and that as President he is authorized to execute the foregoing instrument for the purposes therein contained by signing the name of said corporation as general partner of Prudential-Bache Energy Growth Fund, L.P. G-1.

IN WITNESS WHEREOF, I hereunder set my hand and official seal.

  
\_\_\_\_\_  
NOTARY PUBLIC

My Commission Expires:

WILLIAM H. HARDIE, III  
NOTARY PUBLIC  
Parish of Orleans, State of Louisiana  
My Commission is issued for Life.

[SEAL]



STATE OF LOUISIANA

PARISH OF ORLEANS

ON THIS, the 20<sup>th</sup> day of October, 1993, before me, the undersigned Notary, personally appeared Kenneth M. McKinney, who acknowledged that he is the Vice President of Graham Energy, Ltd., the general partner of Prudential-Bache Energy Growth Fund, L.P. G-2, a Delaware limited partnership, and that as President he is authorized to execute the foregoing instrument for the purposes therein contained by signing the name of said corporation as general partner of Prudential-Bache Energy Growth Fund, L.P. G-2.

IN WITNESS WHEREOF, I hereunder set my hand and official seal.

  
\_\_\_\_\_  
NOTARY PUBLIC

My Commission Expires

WILLIAM H. HARDIE, III  
NOTARY PUBLIC  
Parish of Orleans, State of Louisiana  
My Commission is issued for Life.

[SEAL]



STATE OF LOUISIANA

PARISH OF ORLEANS

ON THIS, the 20<sup>th</sup> day of October, 1993, before me, the undersigned Notary, personally appeared O. J. King, who acknowledged that he is the Vice President of Northstar Gas Company, Inc., a Texas corporation, and that as Vice President he is authorized to execute the foregoing instrument for the purposes therein contained by signing the name of said corporation.

IN WITNESS WHEREOF, I hereunder set my hand and official seal.

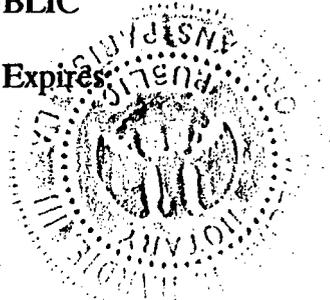


NOTARY PUBLIC

My Commission Expires:

WILLIAM H. HARDIE, III  
NOTARY PUBLIC  
Parish of Orleans, State of Louisiana  
My Commission is issued for Life.

[SEAL]



**EXHIBIT "A"**  
**ATTACHED TO ASSIGNMENT,**  
**BILL OF SALE AND CONVEYANCE**  
**PART I**  
**LANDS AND LEASES**  
**ALL IN GRAND COUNTY, UTAH UNLESS OTHERWISE SPECIFIED**

| <b>Lease Serial<br/>Number</b> | <b>Lessor</b> | <b>Lessee</b>                 | <b>Description<br/>of Lands</b>   | <b>Book</b> | <b>Page</b> | <b>Lease<br/>Date</b> | <b>Associated<br/>Properties</b>                       |
|--------------------------------|---------------|-------------------------------|---|-------------|-------------|-----------------------|--|
| ML-22208<br>(1038)             | State of Utah | Atlantic Richfield<br>Company | T15 1/2S, R24E, SLM<br>Sec. 36: All<br>T16S, R24E, SLM<br>Sec. 2: All                   | 220         | 177         | 9-28-64               | ARCO State<br>2-1, 2-2, 36-7,<br>36-8                  |
| U-29645<br>(1174)              | U.S.A.        | Atlantic Richfield<br>Company | T16S, R25E, SLM<br>Sec. 27: SW/4,<br>S/2 SE/4<br>Sec. 34: NE/4,<br>NE/4 NW/4, NE/4 SE/4 |             |             | 5-1-75                | ARCO 27-1<br>Valentine<br>Fed #2<br>ARCO Fed D-1       |
| ML-25151<br>(191-1)            | State of Utah | Sinclair Oil & Gas<br>Company | T16S, R25E, SLM<br>Section 2: All   | 163         | 390         | 3-7-68                | Bittercreek #1   |
| J-0126528<br>(174-1)           | U.S.A.        | James F. Gilbert              | T16S, R25E, SLM<br>Sec. 11: N/2,<br>N/2 SW/4, SE/4 SW/4,<br>SE/4<br>Sec. 12: S/2        |             |             | 12-1-63               | Federal<br>Gilbert #1<br>Federal 174-1<br>ARCO Fed H-1 |
| U-0141420<br>(180-1)           | U.S.A.        | Sinclair Oil Company          | T16S, R25E, SLM<br>Sec. 11: SW/4 SW/4   |             |             | 8-1-64                | Federal<br>174-1                                       |
| ML-4113<br>(44-1)              | State of Utah | Lois A. Aubrey                | T16S, R25E, SLM<br>Sec. 16: All   | 6-Q         | 207         | 1-2-52                | San Arroyo<br>Unit Area                                |
| U-05011-A<br>(45-2)            | U.S.A.        | Pierce T. Norton              | T16S, R25E, SLM<br>Sec. 14: NW/4,<br>SE/4 SE/4, N/2 SE/4,<br>NE/4 SW/4<br>Sec. 15: NE/4 |             |             | 9-1-51<br>*4-1-55     | Tenneco<br>Fed 14-2<br>San Arroyo<br>Unit Area         |

Lease Segregated Effective

**EXHIBIT "A"**  
**PART I**

| <b>Lease Serial Number</b> | <b>Lessor</b> | <b>Lessee</b>     | <b>Description of Lands</b>  | <b>Book</b> | <b>Page</b> | <b>Lease Date</b>   | <b>Associated Properties</b> |
|----------------------------|---------------|-------------------|--|-------------|-------------|---------------------|------------------------------|
| U-0369<br>(46-1)           | U.S.A.        | Clair D. Jones    | T16S, R25E, SLM<br>Sec. 23: W/2<br>Sec. 24: W/2, SE/4,<br>S/2 NE/4<br>Sec. 25: All<br>Sec. 26: W/2 S/2,<br>SE/4 SW/4, S/2 SE/4 |             |             | 2-1-51              | San Arroyo<br>Unit Area      |
| SL-071307<br>(47-1)        | U.S.A.        | James E. Croudace | T16S, R25E, SLM<br>Sec. 23: S/2<br>Sec. 26: W/2  |             |             | 12-1-50             | San Arroyo<br>Unit Area      |
| U-0370-A<br>(48-1)         | U.S.A.        | Clair D. Jones    | T16S, R25E, SLM<br>Sec. 21: E/2 NE/4,<br>NE/4 SE/4<br>Sec. 22: All<br>Sec. 27: NE/4,<br>NE/4 NW/4, NE/4 SE/4                   |             |             | 2-1-51<br>*6-1-55   | San Arroyo<br>Unit Area      |
| U-05059-A<br>(49-2)        | U.S.A.        | L. J. Batchelor   | T16S, R25E, SLM<br>Sec. 15: NW/4 SW/4,<br>E/2 NW/4, SW/4 NW/4  |             |             | 10-1-51<br>*9-19-61 | San Arroyo<br>Unit Area      |
| U-06021<br>(51-1)          | U.S.A.        | Fred A. Moore     | T16S, R26E, SLM<br>Sec. 29: S/2,<br>S/2 NW/4, NW/4 NW/4  |             |             | 2-1-52              | San Arroyo<br>Unit Area      |
| U-06023<br>(52-1)          | U.S.A.        | Adiel E. Stewart  | T16S, R26E, SLM<br>Sec. 30: All<br>Sec. 31: W/2 W/2  |             |             | 2-1-52              | San Arroyo<br>Unit Area      |
| U-06188<br>(53-1)          | U.S.A.        | C. M. Rood        | T16S, R26E, SLM<br>Sec. 19: SW/4,<br>S/2 NW/4, W/2 SE/4,<br>SE/4 SE/4  |             |             | *3-1-52             | San Arroyo<br>Unit Area      |

Lease Segregated Effective

**EXHIBIT "A"**  
**PART I**

| <b>Lease Serial<br/>Number</b> | <b>Lessor</b> | <b>Lessee</b>               | <b>Description<br/>of Lands</b>  | <b>Book</b> | <b>Page</b> | <b>Lease<br/>Date</b> | <b>Associated<br/>Properties</b> |
|--------------------------------|---------------|-----------------------------|--|-------------|-------------|-----------------------|----------------------------------|
| U-05011-B<br>(56-1)            | U.S.A.        | Pierce T. Norton            | T16S, R25E, SLM<br>Sec. 14: SW/4 SE/4,<br>W/2 SW/4, SE/4 SW/4<br>Sec. 15: SE/4   |             |             | 9-1-51<br>*2-1-57     | San Arroyo<br>Unit Area          |
| U-05059-C<br>(57-1)            | U.S.A.        | L. J. Batchelor             | T16S, R25E, SLM<br>Sec. 15: E/2 SW/4,<br>SW/4 SW/4   |             |             | *3-1-57               | San Arroyo<br>Unit Area          |
| U-025243<br>(60-1)             | U.S.A.        | Clair D. Jones              | T16S, R25E, SLM<br>Sec. 24: N/2 NE/4   |             |             | *8-27-57              | San Arroyo<br>Unit Area          |
| U-025245<br>(61-1)             | U.S.A.        | Fred A. Moore               | T16S, R26E, SLM<br>Sec. 29: NE/4 NW/4  |             |             | 2-1-52<br>*9-1-57     | San Arroyo<br>Unit Area          |
| U-025297<br>(64-2)             | U.S.A.        | C. M. Rood                  | T16S, R26E, SLM<br>Sec. 19: N/2 N/2<br>S/2 NE/4, NE/4 SE/4<br>Sec. 20: W/2   |             |             | 3-1-52                | San Arroyo<br>Unit Area          |
| U-06188-B<br>(74-1)            | U.S.A.        | Sinclair Oil<br>Corporation | T16S, R25E, SLM<br>Sec. 35: N/2  |             |             | 3-1-52                | San Arroyo<br>Unit Area          |
| U-05059-F<br>(134-1)           | U.S.A.        | L. J. Batchelor             | T16S, R25E, SLM<br>Sec. 15: NW/4 NW/4  |             |             | 10-1-51<br>*9-19-61   | San Arroyo<br>Unit Area          |
| U-025243-A<br>(139-1)          | U.S.A.        | Clair D. Jones              | T16S, R25E, SLM<br>Sec. 26: SW/4 SW/4  |             |             | 2-1-51<br>*1-1-61     | San Arroyo<br>Unit Area          |
| U-05650<br>(176-1)             | U.S.A.        | Virginia E. Lewis           | T16S, R26E, SLM<br>Sec. 21: Lots 2, 3,<br>4, W/2 W/2<br>Sec. 20: E/2<br>Sec. 28: Lots 1, 2,<br>3, 4 W/2 W/2<br>Sec. 29: NE/4 |             |             | 12-1-51               | San Arroyo<br>Unit Area          |

**Lease Segregated Effective**

**EXHIBIT "A"**  
**PART I**

| <b>Lease Serial<br/>Number</b> | <b>Lessor</b> | <b>Lessee</b>                                 | <b>Description<br/>of Lands</b>   | <b>Book</b> | <b>Page</b> | <b>Lease<br/>Date</b> | <b>Associated<br/>Properties</b>      |
|--------------------------------|---------------|---|---|-------------|-------------|-----------------------|---------------------------------------|
| U-0136529<br>(4000-1)          | U.S.A.        | Clair D. Jones                                | T16S, R25E, S1M<br>Sec. 21: W/2 NE/4,<br>E/2 NW/4, W/2 SE/4,<br>SE/4 SE/4, NE/4 SW/4,<br>Sec. 27: W/2 NW/4,<br>SE/4 NW/4, NW/4 SE/4<br>Sec. 28: NE/4 NE/4 |             |             | 2-1-51<br>*1-22-64    | San Arroyo<br>Unit Area               |
| U-05650-A<br>(177-1)           | U.S.A.        | Virginia E. Lewis                             | T16S, R26E, S1M<br>Sec. 21: Lot 1   |             |             | 12-1-51<br>*10-1-61   | San Arroyo<br>Unit Area               |
| U-9831<br>(949)                | U.S.A.        | Williams H. Short, Jr.<br>and Franklin Knobel | T16S, R25E, S1M<br>INSOFAR AND ONLY<br>INSOFAR as said<br>lease covers:<br>Sec. 6: All  |             |             | 10-10-69              | ARCO Fed B-1                          |
| U-14234                        | U.S.A.        | Arthur E. Meinhart                            | T15S, R24E, S1M<br>Sec. 30: All<br>Sec. 31: All<br>Uintah Co., UT   |             |             | 4-1-71                | Black Horse<br>Canyon<br>Federal 31-1 |

Lease Segregated Effective

**EXHIBIT A**  
**Attached to Assignment,**  
**Bill of Sale and Conveyance**

**Part II**

**[OMITTED]**

EXHIBIT A  
ATTACHED TO ASSIGNMENT, BILL OF SALE AND CONVEYANCE  
PART III  
CONTRACTS AND AGREEMENTS

PROPERTY  
REFERENCE

- |  |  |
|--|--|
| San Arroyo<br>Unit Area                                | 1. Unit Agreement for the Development and Operation of the San Arroyo Unit Area, dated June 11, 1956.  |
| San Arroyo<br>Unit Area                                | 2. Unit Operating Agreement for the San Arroyo Unit Area, dated August 16, 1961.   |
| Valentine<br>Fed #2                                    | 3. Communitization Agreement covering the W $\frac{1}{2}$ of Section 34, T16S-R25E.  |
| ARCO<br>Fed. D-1                                       | 4. Communitization Agreement covering the E $\frac{1}{2}$ of Section 34, T16S-R25E.  |
| Fed. 174-1   | 5. Communitization Agreement, dated March 3, 1965 covering the W $\frac{1}{2}$ Section 11, T16S-R25E.  |
| Tenneco<br>Fed. 14-2                                   | 6. Communitization Agreement dated January 1, 1980, covering the N $\frac{1}{2}$ of Section 14, T16S-R25E.   |
| Tenneco<br>Fed. 14-2                                   | 7. Operating Agreement dated June 5, 1980, designating Tenneco Oil Company as Operator and covering the N $\frac{1}{2}$ of Section 14, T16S-R25E.  |
| ARCO<br>Fed. H-1<br>Fed. D-1                           | 8. Farmout Agreement and Operating Agreement dated August 16, 1982, between ARCO Oil & Gas Company and TXO Production Corp., covering the S $\frac{1}{2}$ Section 12, T16S-R25E.   |
| San Arroyo<br>Unit Area                                | 9. Farmout Agreement dated June 6, 1955 by and between H. W. Dougherty and Sinclair Oil and Gas Company, covering lands in sections 21, 22, 23, 24, 25, 26 and 27, T16S-R25E.  |
| ARCO<br>Fed. B-1,<br>Fed. C-1;<br>Valentine<br>Fed. #2 | 10. Farmout Agreement and Operating Agreement between ARCO Oil and Gas Company and Texas Oil and Gas Corp., dated September 30, 1979, covering all of Sections 6 and 34 and the N $\frac{1}{2}$ NW $\frac{1}{4}$ , NW $\frac{1}{2}$ NE $\frac{1}{4}$ and S $\frac{1}{2}$ N $\frac{1}{2}$ of Section 35, T16S-R25E. |

EXHIBIT "A"  
 ATTACHED TO AND MADE A PART OF THE  
 ASSIGNMENT, BILL OF SALE AND CONVEYANCE  
 PART IV  
 INTEREST IN PROPERTIES AND WELLS

| PROPERTY NAME      | COUNTY | STATE | OPERATOR  | WORKING<br>INTEREST<br>DECIMAL | NET<br>REVENUE<br>INTEREST<br>DECIMAL | OVERRIDING<br>ROYALTY<br>INTEREST<br>DECIMAL |
|--------------------|--------|-------|-----------|--------------------------------|---------------------------------------|--|
| ARCO STATE #2-1    | GRAND  | UTAH  | URI       | 1.00000000                     | 0.87500000                            |  |
| ARCO STATE #2-2    | GRAND  | UTAH  | URI       | 1.00000000                     | 0.87500000                            |  |
| ARCO STATE #36-7   | GRAND  | UTAH  | URI       | 1.00000000                     | 0.87500000                            |  |
| ARCO STATE #36-8   | GRAND  | UTAH  | URI       | 1.00000000                     | 0.87500000                            |  |
| ARCO STATE #27-1   | GRAND  | UTAH  | URI       | 1.00000000                     | 0.87500000                            |  |
| VALENTINE FED. #2  | GRAND  | UTAH  | LONE MIN. | 0.04375000                     | 0.038281200                           |  |
| FEDERAL 174 #1     | GRAND  | UTAH  | URI       | 1.00000000                     | 0.84875000                            |  |
| BITTERCREEK #1     | GRAND  | UTAH  | URI       | 1.00000000                     | 0.87500000                            |  |
| ARCO FEDERAL #B-1  | GRAND  | UTAH  | LONE MIN. | 0.00000000                     | 0.00000000                            | 0.12500000                                   |
| ARCO FEDERAL #C-1  | GRAND  | UTAH  | LONE MIN. | 0.50000000                     | 0.42000000                            |  |
| ARCO FEDERAL #D-1  | GRAND  | UTAH  | LONE MIN. | 0.21875000                     | 0.191406200                           |  |
| ARCO FEDERAL #H-1  | GRAND  | UTAH  | LONE MIN. | 0.00000000                     | 0.00000000                            | 0.06250000                                   |
| TENNECO FED. #14-2 | GRAND  | UTAH  | LONE MIN. | 0.50000000                     | 0.41250000                            |  |
| GILBERT FEDERAL #1 | GRAND  | UTAH  | URI       | 1.00000000                     | 0.84500000                            |  |

SAN ARROYO UNIT AREA  
 ENTRADA PARTICIPATING AREA

|                 |       |      |     |            |            |
|-----------------|-------|------|-----|------------|------------|
| SAN ARROYO #1   | GRAND | UTAH | URI | 1.00000000 | 0.82500000 |
| SAN ARROYO #2   | GRAND | UTAH | URI | 1.00000000 | 0.82500000 |
| SAN ARROYO #3   | GRAND | UTAH | URI | 1.00000000 | 0.82500000 |
| SAN ARROYO #5   | GRAND | UTAH | URI | 1.00000000 | 0.82500000 |
| SAN ARROYO #6   | GRAND | UTAH | URI | 1.00000000 | 0.82500000 |
| SAN ARROYO #40U | GRAND | UTAH | URI | 1.00000000 | 0.82500000 |
| SAN ARROYO #40L | GRAND | UTAH | URI | 1.00000000 | 0.82500000 |

San Arroyo Wells ARE SUBJECT TO A NET PROFITS INTEREST CREATED BY AND SUBJECT TO THAT CERTAIN FARMOUT AGREEMENT DATED JUNE 6, 1955.

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

6. Lease Designation and Serial Number

7. Indian Allottee or Tribe Name

8. Unit or Communitization Agreement

891003859A

9. Well Name and Number

SEE BELOW

10. API Well Number

SEE BELOW

11. Field and Pool, or Wildcat

SAN ARROYO UNIT

**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)

2. Name of Operator

NORTHSTAR GAS COMPANY INC.

3. Address of Operator 15000 NORTHWEST FWY, SUITE 203  
HOUSTON TX 77040

4. Telephone Number

713-937-4314

5. Location of Well

Footage :

County : GRAND

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

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     |
| <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 _____  |   |

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

SUBSEQUENT REPORT  
(Submit Original Form Only)

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

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

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

\* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR 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.)

NORTHSTAR GAS COMPANY INC. TOOK OVER AS OPERATOR FROM GRAHAM ROYALTY LTD.  
ON 09-01-93 WITH THE EFFECTIVE DATE OF SALE 09-01-93.

| Well Name                     | API #      | LOCATION   |
|-------------------------------|------------|------------|
| San Arroyo 35                 | 4301911090 | 16S 25E 24 |
| San Arroyo <del>35</del> 34-A | 4301911091 | 16S 25E 21 |
| San Arroyo 4                  | 4301915887 | 16S 26E 30 |
| San Arroyo 8                  | 4301915890 | 16S 25E 16 |
| San Arroyo 9                  | 4301915891 | 16S 25E 27 |
| San Arroyo 11                 | 4301915892 | 16S 25E 15 |
| San Arroyo 12                 | 4301915893 | 16S 25E 23 |
| San Arroyo 13                 | 4301915894 | 16S 25E 22 |
| San Arroyo 16                 | 4301915896 | 16S 25E 26 |
| San Arroyo 17                 | 4301915897 | 16S 25E 24 |
| San Arroyo 18                 | 4301915898 | 16S 26E 30 |

RECEIVED  
DIVISION OF OIL, GAS & MINING

JAN 4 1993

DIVISION OF  
OIL, GAS & MINING

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

Name & Signature PAUL BERNARD



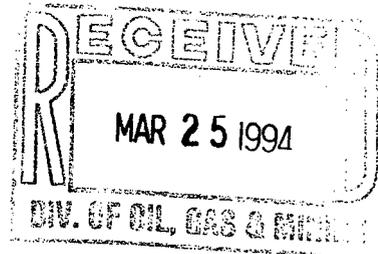
Title SEC/TREAS

Date 12-20-93

(State Use Only)

**COPY**

Bureau of Land Management  
Branch of Fluid Minerals  
P.O. Box 45155  
Salt Lake City, Utah 84145-0155



March 23, 1994

Northstar Gas Company, Inc.  
820 Gessner, Suite 1630  
Houston, Texas 77024

Re: San Arroyo Unit  
Grand County, Utah

Gentlemen:

On March 17, 1994, we received an indenture dated November 29, 1993, whereby Graham Energy, Ltd. resigned as Unit Operator and Northstar Gas Company, Inc. was designated as Successor Unit Operator for the San Arroyo Unit, Grand County, Utah.

The instrument is hereby approved effective March 23, 1994. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Unit Agreement.

Your statewide (Utah) oil and gas bond No. UT0845 will be used to cover all operations within the San Arroyo Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

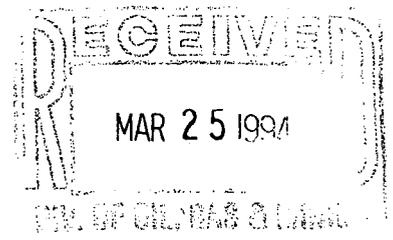
Sincerely,

Robert A. Henricks  
Chief, Branch of Fluid Minerals

Enclosure

bcc: District Manager - Moab (w/enclosure)  
~~Division of Oil, Gas & Mining~~  
Division of Lands and Mineral Operations U-942  
File - San Arroyo Unit (w/enclosure)  
MMS - Data Management Division  
Agr. Sec. Chron  
Fluid Chron

U-922:TAThompson:tt:03-23-94



WELL STATUS REPORTS  
UTAH STATE OFFICE

| INSPECTION ITEM                                | API NO.        | WELL NUMBER | QTQT | SEC | TWN | RNG | WELL STATUS | LEASE NAME | OPERATOR              |
|--|----------------|-------------|------|-----|-----|-----|-------------|------------|-----------------------|
| ** INSPECTION ITEM 891003859A SAN ARROYO DK MO |                |             |      |     |     |     |             |            |                       |
| 891003859A                                     | 430191589200S1 | 11          | NESW | 15  | 16S | 25E | PGW         | UTU05059C  | GRAHAM ENERGY LIMITED |
| 891003859A                                     | 430191589300S1 | 12          | SWSW | 23  | 16S | 25E | PGW         | UTSL071307 | GRAHAM ENERGY LIMITED |
| 891003859A                                     | 430191589400S1 | 13          | NESW | 22  | 16S | 25E | GSI         | UTU0370A   | GRAHAM ENERGY LIMITED |
| 891003859A                                     | 430191589500X1 | 14          | SWNE | 16  | 16S | 25E | P+A         | STATE      | GRAHAM ENERGY LIMITED |
| 891003859A                                     | 430191109100S1 | 15 (34-A)   | NESW | 21  | 16S | 25E | TA          | UTU0136529 | GRAHAM ENERGY LIMITED |
| 891003859A                                     | 430191589600S1 | 16          | SESW | 26  | 16S | 25E | PGW         | UTU0369    | GRAHAM ENERGY LIMITED |
| 891003859A                                     | 430191589700S1 | 17          | NENE | 24  | 16S | 25E | PGW         | UTU025243  | GRAHAM ENERGY LIMITED |
| 891003859A                                     | 430191589800S1 | 18          | NWNW | 30  | 16S | 26E | GSI         | UTU06023   | GRAHAM ENERGY LIMITED |
| 891003859A                                     | 430191589900S1 | 19          | SWSE | 14  | 16S | 25E | PGW         | UTU05011B  | GRAHAM ENERGY LIMITED |
| 891003859A                                     | 430191590000S1 | 20          | SENE | 26  | 16S | 25E | PGW         | UTSL071307 | GRAHAM ENERGY LIMITED |
| 891003859A                                     | 430191590100S1 | 21          | NWSE | 25  | 16S | 25E | PGW         | UTU0369    | GRAHAM ENERGY LIMITED |
| 891003859A                                     | 430191590200S1 | 22          | NENE | 15  | 16S | 25E | PGW         | UTU05011A  | GRAHAM ENERGY LIMITED |
| 891003859A                                     | 430191590300S1 | 24          | SENW | 19  | 16S | 26E | PGW         | UTU06188   | GRAHAM ENERGY LIMITED |
| 891003859A                                     | 430191590400S1 | 25          | SWNE | 21  | 16S | 25E | PGW         | UTU0136529 | GRAHAM ENERGY LIMITED |
| 891003859A                                     | 430191590500S1 | 26          | SWSW | 20  | 16S | 26E | PGW         | UTU025297  | GRAHAM ENERGY LIMITED |
| 891003859A                                     | 430191590600S1 | 27          | NESW | 29  | 16S | 26E | PGW         | UTU06021   | GRAHAM ENERGY LIMITED |
| 891003859A                                     | 430191590700S1 | 28          | NWNE | 29  | 16S | 26E | PGW         | UTU05650   | GRAHAM ENERGY LIMITED |
| 891003859A                                     | 430191590800S1 | 29          | NENE | 22  | 16S | 25E | PGW         | UTU0370A   | GRAHAM ENERGY LIMITED |
| 891003859A                                     | 430191590900S1 | 30          | NWSW | 21  | 16S | 26E | PGW         | UTU05650   | GRAHAM ENERGY LIMITED |
| 891003859A                                     | 430193052700S1 | 31          | NWNW | 22  | 16S | 25E | PGW         | UTU0370A   | GRAHAM ENERGY LIMITED |
| 891003859A                                     | 430193052800S1 | 32          | SWSW | 14  | 16S | 25E | PGW         | UTU05011B  | GRAHAM ENERGY LIMITED |
| 891003859A                                     | 430193060800S1 | 33          | SWSW | 25  | 16S | 25E | PGW         | UTU0369    | GRAHAM ENERGY LIMITED |
| 891003859A                                     | 430191109000S1 | 35          | SESW | 24  | 16S | 25E | PGW         | UTU0369    | GRAHAM ENERGY LIMITED |
| 891003859A                                     | 430193125100S1 | 36-A        | SESE | 19  | 16S | 26E | PGW         | UTU06188   | GRAHAM ENERGY LIMITED |
| 891003859A                                     | 430193125200S1 | 37          | SWNE | 20  | 16S | 26E | PGW         | UTU05650   | GRAHAM ENERGY LIMITED |
| 891003859A                                     | 430193125300S1 | 38          | NESW | 16  | 16S | 25E | PGW         | STATE      | GRAHAM ENERGY LIMITED |
| 891003859A                                     | 430191588700S1 | 4           | SESW | 30  | 16S | 26E | PGW         | UTU06023   | GRAHAM ENERGY LIMITED |
| 891003859A                                     | 430193128900S1 | 41          | NENE | 36  | 16S | 25E | PGW         | STATE      | GRAHAM ENERGY LIMITED |
| 891003859A                                     | 430193129000S1 | 42          | NESE | 30  | 16S | 26E | PGW         | UTU06023   | GRAHAM ENERGY LIMITED |
| 891003859A                                     | 430193129100S1 | 43          | NESE | 29  | 16S | 26E | PGW         | UTU06021   | GRAHAM ENERGY LIMITED |
| 891003859A                                     | 430193130100S1 | 44          | SENE | 30  | 16S | 26E | PGW         | UTU06023   | GRAHAM ENERGY LIMITED |
| 891003859A                                     | 430193129900S1 | 45          | NWSE | 20  | 16S | 26E | PGW         | UTU05650   | GRAHAM ENERGY LIMITED |
| 891003859A                                     | 430193131800S1 | 47          | NENE | 31  | 16S | 26E | PGW         | U06023     | GRAHAM ENERGY LIMITED |
| 891003859A                                     | 430193131600S1 | 49          | NENW | 29  | 16S | 26E | PGW         | UTU025245  | GRAHAM ENERGY LIMITED |
| 891003859A                                     | 430191589000S1 | 8           | SWSW | 16  | 16S | 25E | PGW         | STATE      | GRAHAM ENERGY LIMITED |
| 891003859A                                     | 430191589100S1 | 9           | NWNE | 27  | 16S | 25E | PGW         | UTU0370A   | GRAHAM ENERGY LIMITED |
| ** INSPECTION ITEM 891003859B SAN ARROYO EN    |                |             |      |     |     |     |             |            |                       |
| 891003859B                                     | 430191653200S1 | 1           | SENW | 26  | 16S | 25E | PGW         | UTSL071307 | GRAHAM ENERGY LIMITED |
| 891003859B                                     | 430191588500S1 | 2           | SENW | 22  | 16S | 25E | PGW         | UTU0370A   | GRAHAM ENERGY LIMITED |
| 891003859B                                     | 430191588600S1 | 3           | SENW | 23  | 16S | 25E | GSI         | UTU0369    | GRAHAM ENERGY LIMITED |
| 891003859B                                     | 430193125000S1 | 40          | NWNE | 27  | 16S | 25E | PGW         | UTU0370A   | GRAHAM ENERGY LIMITED |
| 891003859B                                     | 430191588800S1 | 5           | NWSE | 25  | 16S | 25E | PGW         | UTU0369    | GRAHAM ENERGY LIMITED |
| 891003859B                                     | 430191588900S1 | 6           | SWNE | 21  | 16S | 25E | PGW         | UTU0136529 | GRAHAM ENERGY LIMITED |

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

Routing:

|                           |
|---------------------------|
| 1- <del>LAC</del> 7-SJ ✓  |
| 2- <del>DT</del> 8-FILE ✓ |
| 3-VLC ✓                   |
| 4-RJH ✓                   |
| 5- <del>IB</del> ✓        |
| 6-PL ✓                    |

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 (well sold)       Designation of Agent  
 Designation of Operator       Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 9-1-93)

|                   |                                  |                        |                                 |
|-------------------|----------------------------------|------------------------|---------------------------------|
| TO (new operator) | <u>NORTHSTAR GAS COMPANY INC</u> | FROM (former operator) | <u>GRAHAM ENERGY LTD</u>        |
| (address)         | <u>820 GESSNER #1630</u>         | (address)              | <u>15000 NW FREEWAY STE 203</u> |
|                   | <u>HOUSTON, TX 77024</u>         |                        | <u>HOUSTON, TX 77040</u>        |
|                   | <u>PAUL BERNARD</u>              |                        | <u>C/O NORTHSTAR GAS CO INC</u> |
|                   | phone <u>(713) 935-9542</u>      |                        | phone <u>(713) 937-4314</u>     |
|                   | account no. <u>N6680</u>         |                        | account no. <u>N 7590</u>       |

Well(s) (attach additional page if needed):      **\*\*SAN ARROYO UNIT**

|                               |                       |               |            |            |            |                   |
|-------------------------------|-----------------------|---------------|------------|------------|------------|-------------------|
| Name: <b>**SEE ATTACHED**</b> | API: <u>019-15894</u> | 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**

- 1 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Reg. 1-14-94) (Reg. 3-28-94) (Rec'd Bill of Sale 4-11-94)
- 2 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (Rec'd 1-14-94)
- 3 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: #144214.
- 4 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.
- 5 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (3-31-94)
- 6 6. Cardex file has been updated for each well listed above. (3-31-94)
- 7 7. Well file labels have been updated for each well listed above (3-31-94)
- 8 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (3-31-94)
- 9 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**

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

**BOND VERIFICATION (Fee wells only)**

- N/A 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- Sec 2. A copy of this form has been placed in the new and former operators' bond files.
- Sec 3. The former operator has requested a release of liability from their bond (yes/no) no. Today's date \_\_\_\_\_ 19\_\_\_\_. If yes, division response was made by letter dated \_\_\_\_\_ 19\_\_\_\_.

**LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY**

- N/A 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.
- N/A 2. Copies of documents have been sent to State Lands for changes involving State leases.

**FILMING**

1. All attachments to this form have been microfilmed. Date: 4-19 1994.

**FILING**

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

**COMMENTS**

940328 B.M./S.Y. Appv. eff. 3-23-94.

## MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

KATHY TUSON  
 NORTHSTAR GAS COMPANY INC  
 820 GESSNER #1630  
 HOUSTON TX 77024

UTAH ACCOUNT NUMBER: N6680

REPORT PERIOD (MONTH/YEAR): 4 / 96

AMENDED REPORT  (Highlight Changes)

| Well Name     |                     |            | Producing Zone | Well Status | Days Oper | Production Volumes |          |            |
|---------------|---------------------|------------|----------------|-------------|-----------|--------------------|----------|------------|
| API Number    | Entry               | Location   |                |             |           | OIL(BBL)           | GAS(MCF) | WATER(BBL) |
| ✓             | SAN ARROYO UNIT #35 |            | MRSN           |             |           | U-0369             |          |            |
| 4301911090    | 00500               | 16S 25E 24 |                |             |           |                    |          |            |
| ✓             | SAN ARROYO 4        |            | DKTA           |             |           | U-06023            |          |            |
| 4301915887    | 00500               | 16S 26E 30 |                |             |           |                    |          |            |
|               | SAN ARROYO 8        |            | DKTA           |             |           | U-0369             |          |            |
| 4301915890    | 00500               | 16S 25E 16 |                |             |           |                    |          |            |
|               | SAN ARROYO 9        |            | DKTA           |             |           | SL-0370-A          |          |            |
| 4301915891    | 00500               | 16S 25E 27 |                |             |           |                    |          |            |
| ✓             | SAN ARROYO 11       |            | SLTW           |             |           | U-05059C           |          |            |
| 4301915892    | 00500               | 16S 25E 15 |                |             |           |                    |          |            |
|               | SAN ARROYO 12       |            | DKTA           |             |           | SL-071307          |          |            |
| 4301915893    | 00500               | 16S 25E 23 |                |             |           |                    |          |            |
| ✓             | ARROYO 13           |            | DK-MR          |             |           | U-0370A            |          |            |
| 4301915894    | 00500               | 16S 25E 22 |                |             |           |                    |          |            |
| ✓             | SAN ARROYO 16       |            | CM-MR          |             |           | U-0369             |          |            |
| 4301915896    | 00500               | 16S 25E 26 |                |             |           |                    |          |            |
| ✓             | SAN ARROYO 17       |            | DK-MR          |             |           | U-025243           |          |            |
| 4301915897    | 00500               | 16S 25E 24 |                |             |           |                    |          |            |
| ✓             | SAN ARROYO 18       |            | DK-CM          |             |           | U-06023            |          |            |
| 4301915898    | 00500               | 16S 26E 30 |                |             |           |                    |          |            |
| ✓             | SAN ARROYO 19       |            | DKTA           |             |           | U-05011-B          |          |            |
| 4301915899    | 00500               | 16S 25E 14 |                |             |           |                    |          |            |
|               | SAN ARROYO 20       |            | DKTA           |             |           | SL-071307          |          |            |
| 4301915900    | 00500               | 16S 25E 26 |                |             |           |                    |          |            |
|               | SAN ARROYO 21       |            | DKTA           |             |           | U-0369             |          |            |
| 4301915901    | 00500               | 16S 25E 25 |                |             |           |                    |          |            |
| <b>TOTALS</b> |                     |            |                |             |           |                    |          |            |

COMMENTS: \_\_\_\_\_

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

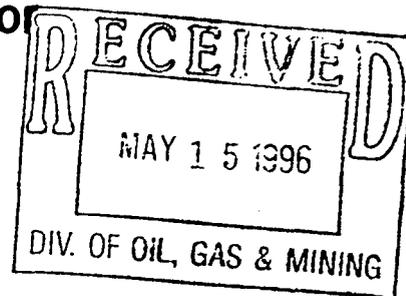
Name and Signature: \_\_\_\_\_ Telephone Number: \_\_\_\_\_

**COPY**

**United States Department of the Interior**

**BUREAU OF LAND MANAGEMENT**

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



IN REPLY REFER TO:  
UT-922

May 13, 1996

Enogex Exploration Corporation  
P.O. Box 24300  
Oklahoma City, Oklahoma 73124-0300

Re: San Arroyo Unit  
Grand County, Utah

Gentlemen:

On April 29, 1996, we received an indenture dated April 19, 1996, whereby Northstar Gas Company, Inc. resigned as Unit Operator and Enogex Exploration Corporation was designated as Successor Unit Operator for the San Arroyo Unit, Grand County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the San Arroyo Unit Agreement. The instrument is hereby approved effective May 13, 1996.

Your statewide (Utah) oil and gas bond No. 1044 will be used to cover all operations within the San Arroyo Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

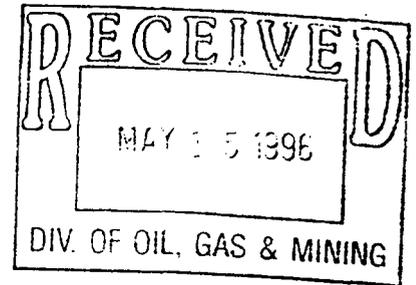
/s/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

Enclosure

bcc: District Manager - Moab (w/enclosure)  
~~Division of Oil, Gas & Mining~~  
Division of Lands and Mineral Operations U-942  
File - San Arroyo Unit (w/enclosure)  
MMS - Data Management Division  
Agr. Sec. Chron  
Fluid Chron

WELL STATUS REPORTS  
UTAH STATE OFFICE



| INSPECTION ITEM                                | API NO.        | WELL NUMBER | QTQT | SEC | TWN | RNG | WELL STATUS | LEASE NAME | OPERATOR                  |
|--|----------------|-------------|------|-----|-----|-----|-------------|------------|---------------------------|
| ** INSPECTION ITEM 891003859A SAN ARROYO DK MO |                |             |      |     |     |     |             |            |                           |
| 891003859A                                     | 430191589200S1 | 11          | NESW | 15  | 16S | 25E | PGW         | UTU05059C  | NORTHSTAR GAS COMPANY INC |
| 891003859A                                     | 430191589300S1 | 12          | SWSW | 23  | 16S | 25E | PGW         | UTSL071307 | NORTHSTAR GAS COMPANY INC |
| 891003859A                                     | 430191589400S1 | 13          | NESW | 22  | 16S | 25E | GS1         | UTU0370A   | NORTHSTAR GAS COMPANY INC |
| 891003859A                                     | 430191589500X1 | 14          | SWNE | 16  | 16S | 25E | P+A         | STATE      | NORTHSTAR GAS COMPANY INC |
| 891003859A                                     | 430191109100S1 | 15          | NESW | 21  | 16S | 25E | TA          | UTU0136529 | NORTHSTAR GAS COMPANY INC |
| 891003859A                                     | 430191589600S1 | 16          | SESW | 26  | 16S | 25E | PGW         | UTU0369    | NORTHSTAR GAS COMPANY INC |
| 891003859A                                     | 430191589700S1 | 17          | NENE | 24  | 16S | 25E | PGW         | UTU025243  | NORTHSTAR GAS COMPANY INC |
| 891003859A                                     | 430191589800S1 | 18          | NWNW | 30  | 16S | 26E | PGW         | UTU06023   | NORTHSTAR GAS COMPANY INC |
| 891003859A                                     | 430191589900S1 | 19          | SWSE | 14  | 16S | 25E | PGW         | UTU05011B  | NORTHSTAR GAS COMPANY INC |
| 891003859A                                     | 430191590000S1 | 20          | SENE | 26  | 16S | 25E | PGW         | UTSL071307 | NORTHSTAR GAS COMPANY INC |
| 891003859A                                     | 430191590100S1 | 21          | NWSE | 25  | 16S | 25E | PGW         | UTU0369    | NORTHSTAR GAS COMPANY INC |
| 891003859A                                     | 430191590200S1 | 22          | NENE | 15  | 16S | 25E | PGW         | UTU05011A  | NORTHSTAR GAS COMPANY INC |
| 891003859A                                     | 430191590300S1 | 24          | SENW | 19  | 16S | 26E | PGW         | UTU06188   | NORTHSTAR GAS COMPANY INC |
| 891003859A                                     | 430191590400S1 | 25          | SWNE | 21  | 16S | 25E | PGW         | UTU0136529 | NORTHSTAR GAS COMPANY INC |
| 891003859A                                     | 430191590500S1 | 26          | SWSW | 20  | 16S | 26E | PGW         | UTU025297  | NORTHSTAR GAS COMPANY INC |
| 891003859A                                     | 430191590600S1 | 27          | NESW | 29  | 16S | 26E | PGW         | UTU06021   | NORTHSTAR GAS COMPANY INC |
| 891003859A                                     | 430191590700S1 | 28          | NWNE | 29  | 16S | 26E | PGW         | UTU05650   | NORTHSTAR GAS COMPANY INC |
| 891003859A                                     | 430191590800S1 | 29          | NENE | 22  | 16S | 25E | PGW         | UTU0370A   | NORTHSTAR GAS COMPANY INC |
| 891003859A                                     | 430191590900S1 | 30          | NWSW | 21  | 16S | 26E | PGW         | UTU05650   | NORTHSTAR GAS COMPANY INC |
| 891003859A                                     | 430193052700S1 | 31          | NWNW | 22  | 16S | 25E | PGW         | UTU0370A   | NORTHSTAR GAS COMPANY INC |
| 891003859A                                     | 430193052800S1 | 32          | SWSW | 14  | 16S | 25E | PGW         | UTU05011B  | NORTHSTAR GAS COMPANY INC |
| 891003859A                                     | 430193060800S1 | 33          | SWSW | 25  | 16S | 25E | PGW         | UTU0369    | NORTHSTAR GAS COMPANY INC |
| 891003859A                                     | 430191109000S1 | 35          | SESW | 24  | 16S | 25E | PGW         | UTU0369    | NORTHSTAR GAS COMPANY INC |
| 891003859A                                     | 430193125100S1 | 36-A        | SESE | 19  | 16S | 26E | PGW         | UTU06188   | NORTHSTAR GAS COMPANY INC |
| 891003859A                                     | 430193125200S1 | 37          | SWNE | 20  | 16S | 26E | PGW         | UTU05650   | NORTHSTAR GAS COMPANY INC |
| 891003859A                                     | 430193125300S1 | 38          | NESW | 16  | 16S | 25E | PGW         | STATE      | NORTHSTAR GAS COMPANY INC |
| 891003859A                                     | 430191588700S1 | 4           | SESW | 30  | 16S | 26E | PGW         | UTU06023   | NORTHSTAR GAS COMPANY INC |
| 891003859A                                     | 430193128900S1 | 41          | NENE | 36  | 16S | 25E | PGW         | STATE      | NORTHSTAR GAS COMPANY INC |
| 891003859A                                     | 430193129000S1 | 42          | NESE | 30  | 16S | 26E | PGW         | UTU06023   | NORTHSTAR GAS COMPANY INC |
| 891003859A                                     | 430193129100S1 | 43          | NESE | 29  | 16S | 26E | PGW         | UTU06021   | NORTHSTAR GAS COMPANY INC |
| 891003859A                                     | 430193130100S1 | 44          | SENE | 30  | 16S | 26E | PGW         | UTU06023   | NORTHSTAR GAS COMPANY INC |
| 891003859A                                     | 430193129900S1 | 45          | NWSE | 20  | 16S | 26E | PGW         | UTU05650   | NORTHSTAR GAS COMPANY INC |
| 891003859A                                     | 430193131800S1 | 47          | NENE | 31  | 16S | 26E | PGW         | U06023     | NORTHSTAR GAS COMPANY INC |
| 891003859A                                     | 430193131600S1 | 49          | NENW | 29  | 16S | 26E | PGW         | UTU025245  | NORTHSTAR GAS COMPANY INC |
| 891003859A                                     | 430191589000S1 | 8           | SWSW | 16  | 16S | 25E | PGW         | STATE      | NORTHSTAR GAS COMPANY INC |
| 891003859A                                     | 430191589100S1 | 9           | NWNE | 27  | 16S | 25E | PGW         | UTU0370A   | NORTHSTAR GAS COMPANY INC |
| ** INSPECTION ITEM 891003859B SAN ARROYO EN    |                |             |      |     |     |     |             |            |                           |
| 891003859B                                     | 430191653200S1 | 1           | SENW | 26  | 16S | 25E | PGW         | UTSL071307 | NORTHSTAR GAS COMPANY INC |
| 891003859B                                     | 430191588500S1 | 2           | SENW | 22  | 16S | 25E | PGW         | UTU0370A   | NORTHSTAR GAS COMPANY INC |
| 891003859B                                     | 430191588600S1 | 3           | SENW | 23  | 16S | 25E | GS1         | UTU0369    | NORTHSTAR GAS COMPANY INC |
| 891003859B                                     | 430193125000S1 | 40          | NWNE | 27  | 16S | 25E | PGW         | UTU0370A   | NORTHSTAR GAS COMPANY INC |
| 891003859B                                     | 430191588800S1 | 5           | NWSE | 25  | 16S | 25E | PGW         | UTU0369    | NORTHSTAR GAS COMPANY INC |
| 891003859B                                     | 430191588900S1 | 6           | SWNE | 21  | 16S | 25E | PGW         | UTU0136529 | NORTHSTAR GAS COMPANY INC |

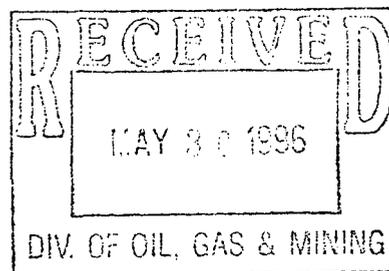


600 Central Park Two / 515 Central Park Drive / Oklahoma City, OK 73105  
Post Office Box 24300 / Oklahoma City, Oklahoma 73124-0300  
405 525-7788 / FAX 405 557-5258

May 21, 1996

Ms. Lisha Cordova  
State of Utah  
Department of Oil, Gas & Mining  
Salt Lake City, Utah 84111-2303

Re: Acquisition of Producing Properties  
and Operatorship from Northstar Resources  
Grand and Uintah Counties, Utah



Dear Ms. Cordova:

Enogex Exploration Corporation acquired the working interest and operatorship of certain properties in Grand and Uintah Counties, Utah from Northstar Resources, Inc. effective 5/1/96. In this regard we enclose the following for the records:

1. Original Sundry Notices filed in triplicate for each of the wells on the three leases where the State of Utah owns the mineral rights.
2. Three copies each of the Sundry Notices for the 1 Gilbert and the 27-1 which has been approved by the BLM.
3. A copy of the Resignation of Unit Operator and Designation of Successor Unit Operator for the San Arroyo Unit along with approval of same by the BLM.
4. A copy of the Successor Operator of Communitization Agreement NW-115 along with approval of same by the BLM.
5. A list of the wells and locations which Enogex Exploration Corporation acquired from Northstar Resources and will be operating.

Please be advised we provided our State of Utah Blanket Bond in the amount of \$80,000 with our letter dated April 16, 1996, to the School & Institutional Trust Lands Administration

If any thing further is needed, please contact the undersigned at 405 557-5281.

Sincerely,

A handwritten signature in cursive script that reads "Claudine Gilliam". The signature is written in black ink and is positioned above the printed name and title.

Claudine Gilliam  
Senior Landman

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. Type of Well: OIL  GAS  OTHER: \_\_\_\_\_  
 2. Name of Operator:  
 ENOGEX EXPLORATION CORPORATION  
 3. Address and Telephone Number:  
 P.O. Box 24300, Oklahoma City, OK 73124-0300 405 557-5281

5. Lease Designation and Serial Number:  
 ML-4113  
 6. If Indian, Alottee or Tribe Name:  
 \_\_\_\_\_  
 7. Unit Agreement Name:  
 \_\_\_\_\_  
 8. Well Name and Number:  
 San Arroyo Unit  
 9. API Well Number:  
 \_\_\_\_\_  
 10. Field and Pool, or Wildcat:  
 \_\_\_\_\_

4. Location of Well  
 Footages: \_\_\_\_\_ County: Grand  
 OQ, Sec., T., R., M.: \_\_\_\_\_ State: Utah

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

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

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

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

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

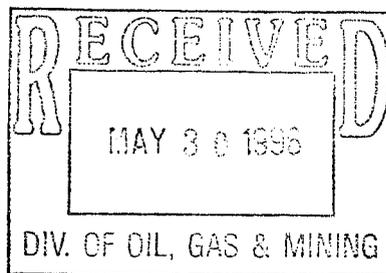
- Abandon \*
- Repair Casing
- Change of Plans
- Convert to Injection
- Fracture Treat or Acidize
- Other Change of Operator
- New Construction
- Pull or Alter Casing
- Reperforate
- Vent or Flare
- Water Shut-Off

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

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

\* 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.)



13. Name & Signature: Claudine Gilliam Title: Senior Landman Date: 5/20/96

(This space for State use only)



# United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office  
324 South State, Suite 301  
Salt Lake City, Utah 84111-2303

IN REPLY REFER TO:

May 13, 1996

Enogex Exploration Corporation  
P.O. Box 24300  
Oklahoma City, Oklahoma 73124-0300

Re: San Arroyo Unit  
Grand County, Utah

Gentlemen:

On April 29, 1996, we received an indenture dated April 19, 1996, whereby Northstar Gas Company, Inc. resigned as Unit Operator and Enogex Exploration Corporation was designated as Successor Unit Operator for the San Arroyo Unit, Grand County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the San Arroyo Unit Agreement. The instrument is hereby approved effective May 13, 1996.

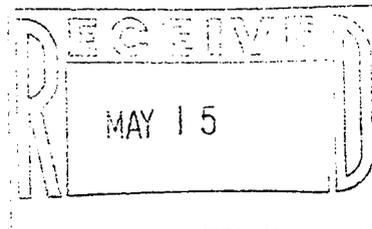
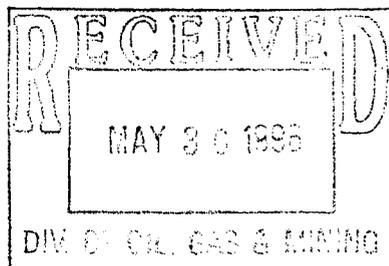
Your statewide (Utah) oil and gas bond No. 1044 will be used to cover all operations within the San Arroyo Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

Robert A. Henricks  
Chief, Branch of Fluid Minerals

Enclosure



RESIGNATION OF UNIT OPERATOR

SAN ARROYO UNIT AREA

COUNTY OF GRAND

STATE OF UTAH

UNIT AGREEMENT NO. 14-08-001-3859

Under and pursuant to the provisions of Section 5 of the Unit Agreement for the Development and Operation of the San Arroyo Unit Area, Grand County, Utah, Northstar Gas Company, Inc., the designated Unit Operator under said Unit Agreement, does hereby resign as Unit Operator, effective upon the selection and approval of a successor Unit Operator.

EXECUTED with effect as aforesaid the 23<sup>rd</sup> day of April, 1996.

ATTEST:

NORTHSTAR GAS COMPANY, INC.

Kenneth M. McK  
Title Corporate Secretary

By: Kenneth M. McK  
Title: E. Vice President

RESIGNATION OF UNIT OPERATOR

SAN ARROYO UNIT AREA

COUNTY OF GRAND

STATE OF UTAH

UNIT AGREEMENT NO. 14-08-001-385

THIS INDENTURE, dated as of the 19<sup>th</sup> day of April, 1996, by and between ENOGEX EXPLORATION CORPORATION, hereinafter designated as "First Party", and the owners of the unitized working interests, hereinafter designated as "Second Parties",

Return to:  
Enogex Exploration Corporation  
Post Office Box 24300  
Oklahoma City, OK 73124-0300

W I T N E S S E T H:

WHEREAS, under the provisions of the Act of February 15, 1920, 4 Stat. 437, 30 U.S.C. Sec. 181, et seq., as amended by the Act of August 8, 1946, 60 Stat. 950, the Secretary of the Interior, on the 2nd day of August, 1957, approved a Unit Agreement for the San Arroyo Unit Area, wherein Sinclair Oil Company was designated as Unit Operator, and

WHEREAS, Northstar Gas Company, Inc. by subsequent designation is currently Unit Operator, but has resigned hereby as such Operator and the designation of a successor Unit Operator is now required pursuant to the terms thereof, and

WHEREAS, the First Party has been and hereby is designated by Second Parties as Unit Operator, and said First Party desires to assume all the rights, duties and obligations of Unit Operator under the same Unit Agreement.

NOW, THEREFORE, in consideration of the premises hereinbefore set forth and the premises hereinafter stated, the First Party hereby covenants and agrees to fulfill the duties and assume the obligations of Unit Operator under and pursuant to all the terms of the San Arroyo Unit agreements, and the Second Parties covenant and agree that, effective upon approval of this indenture by the chief, Branch of Fluid Minerals, Bureau of Land Management, First Party shall be granted the exclusive privileges as Unit Operator, pursuant to the terms and conditions of said Unit Agreement; said Unit Agreement being hereby incorporated herein by reference and made a part hereof as fully and effectively as though said Unit Agreement were expressly set forth in this instrument.

IN WITNESS WHEREOF, the parties hereto have executed this instrument as of the date hereinabove set forth.

ATTEST:

FIRST PARTY

ENOGEX EXPLORATION CORPORATION

BY: John J. Morozuk  
TITLE: SECRETARY

BY: J. O. Edwards, Jr.  
TITLE: J.O. EDWARDS, JR., PRESIDENT

DATE: 4/19/96

*Jm*  
*049*

ATTEST:

SECOND PARTY

NORTHSTAR GAS COMPANY, INC.

BY: Kenneth M. McKinney  
TITLE: Corporate Secretary

BY: Kenneth M. McKinney  
TITLE: E. Vice President  
DATE: 4/23/96

BOOK CLIFFS OIL & GAS COMPANY

BY: \_\_\_\_\_  
TITLE: \_\_\_\_\_

BY: \_\_\_\_\_  
TITLE: \_\_\_\_\_  
DATE: \_\_\_\_\_

NATIONAL FUEL CORPORATION

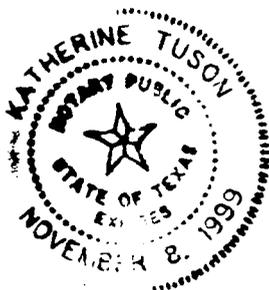
BY: \_\_\_\_\_  
TITLE: \_\_\_\_\_

BY: \_\_\_\_\_  
TITLE: \_\_\_\_\_  
DATE: \_\_\_\_\_

STATE OF TEXAS            )  
  ) SS  
COUNTY OF HARRIS        )

This instrument was acknowledged before me on the 23RD day of APRIL, 1996, by Kenneth M. McKinney, as Executive Vice President of NORTHSTAR GAS COMPANY, INC., a Texas Corporation, on behalf of said corporation.

Katherine Tuson  
Notary Public in and for the  
State of TEXAS  
My commission expires 11/8/99



STATE OF OKLAHOMA    )  
                                  )  
COUNTY OF OKLAHOMA    )

This instrument was acknowledged before me on the 19th day of April, 1996, by J.O. EDWARDS, as President of ENOGEX EXPLORATION CORPORATION, an Oklahoma corporation, on behalf of said corporation.

*Audrey Gilliam*  
Notary Public in and for the  
State of Oklahoma  
My Commission expires 4/22/99

STATE OF                    )  
                                  ) SS  
COUNTY OF                )

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 1996, by \_\_\_\_\_, as \_\_\_\_\_ and by \_\_\_\_\_, as Assistant Secretary of BOOK CLIFFS OIL & GAS COMPANY, a \_\_\_\_\_ corporation.

WITNESS my hand and official seal.

\_\_\_\_\_  
Notary Public

My Commission Expires:

\_\_\_\_\_

Place of Residence:

\_\_\_\_\_

STATE OF )  
 ) SS  
COUNTY OF )

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 1996, by \_\_\_\_\_, as \_\_\_\_\_, and by \_\_\_\_\_, as Assistant Secretary of NATIONAL FUEL CORPORATION, a \_\_\_\_\_ corporation.

WITNESS my hand and official seal.

\_\_\_\_\_  
Notary Public

My Commission Expires:

\_\_\_\_\_

Place of Residence:

\_\_\_\_\_

# OPERATOR CHANGE WORKSHEET

|           |        |
|-----------|--------|
| Routing   |        |
| 1-LEC     | 6-LEC  |
| 2-GLH/142 | 7-KDR  |
| 3-DPS 205 | 8-SJ   |
| 4-VLD     | 9-FILE |
| 5-RJF     |        |

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 (well sold)       Designation of Agent  
 Designation of Operator       Operator Name Change Only

The operator of the well(s) listed below has changed, effective: 5-13-96

**TO:** (new operator) ENOSEX EXPLORATION CORP.  
 (address) PO BOX 24300  
OKLAHOMA CITY OK 73124-0300  
 Phone: (405) 525-7788  
 Account no. N7430

**FROM:** (old operator) NORTHSTAR GAS COMPANY INC  
 (address) 820 GESSNER #1630  
HOUSTON TX 77024  
 Phone: (713) 935-9542  
 Account no. N6680

**WELL(S)** attach additional page if needed:      \*SAN ARROYO UNIT

|                               |                          |               |   |   |   |              |
|-------------------------------|--------------------------|---------------|---|---|---|--------------|
| Name: <b>**SEE ATTACHED**</b> | API: <u>43-019-15894</u> | Entity: _____ | S | T | R | Lease: _____ |
| Name: _____                   | API: _____               | Entity: _____ | S | T | R | Lease: _____ |
| Name: _____                   | API: _____               | Entity: _____ | S | T | R | Lease: _____ |
| Name: _____                   | API: _____               | Entity: _____ | S | T | R | Lease: _____ |
| Name: _____                   | API: _____               | Entity: _____ | S | T | R | Lease: _____ |
| Name: _____                   | API: _____               | Entity: _____ | S | T | R | Lease: _____ |

## OPERATOR CHANGE DOCUMENTATION

- Y 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). *(filed 5-30-96)*
- Y 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). *(filed 5-30-96)*
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? (yes/no) \_\_\_\_\_ If yes, show company file number: \_\_\_\_\_.
- Y 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of Federal and Indian well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below.
- Y 5. Changes have been entered in the Oil and Gas Information System (3270) for each well listed above. *(6-12-96)*
- Y 6. Cardex file has been updated for each well listed above. *(6-13-96)*
- Y 7. Well file labels have been updated for each well listed above. *(6-13-96)*
- Y 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. *(6-12-96)*
- Y 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**

- YIC 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) (no) \_\_\_\_\_. If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- N/A 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

**BOND VERIFICATION - (FEE WELLS ONLY)** *Trust Lands / \$80,000 "Energy" on file.*

- YIC 1. (r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond.
- N/A 2. A copy of this form has been placed in the new and former operator's bond files.
- N/A 3. The FORMER operator has requested a release of liability from their bond (yes/no) \_\_\_\_\_, as of today's date \_\_\_\_\_. If yes, division response was made to this request by letter dated \_\_\_\_\_.

**LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY**

- DTS 1. Copies of documents have been sent on 7/8/96 to Ed Bonner at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.

**FILMING**

- YIC 1. All attachments to this form have been microfilmed. Today's date: July 18, 1996.

**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 are now being filed in the Operator Change file.

**COMMENTS**

960524 ALM/SL aprv. eff. 5-13-96.

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial Number:  
U-0370-A

6. If Indian, Allocated or Tribe Name:

7. Unit Agreement Name:  
SAN ARROYO

8. Well Name and Number:  
UNIT #13

9. API Well Number:  
43-019-15894

10. Field and Pool, or Wildcat:

1. Type of Well: OIL  GAS  OTHER:

2. Name of Operator:  
ENOGEX EXPLORATION CORPORATION

3. Address and Telephone Number:  
P.O. BOX 24300, OKLAHOMA CITY, OK 73124 (405) 525-7788

4. Location of Well

Footage: 1320' FSL 1320' FWL

Co. Sec., T., R., M.: SECTION 22-16S-25E

County: GRAND

State: UTAH

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

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

Abandon  New Construction

Repair Casing  Pull or Alter Casing

Change of Plans  Recomplete

Convert to Injection  Reperforate

Fracture Treat or Acidize  Vent or Flare

Multiple Completion  Water Shut-Off

Other \_\_\_\_\_

Approximate date work will start JUNE 9, 1997

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

Abandon  New Construction

Repair Casing  Pull or Alter Casing

Change of Plans  Reperforate

Convert to Injection  Vent or Flare

Fracture Treat or Acidize  Water Shut-Off

Other \_\_\_\_\_

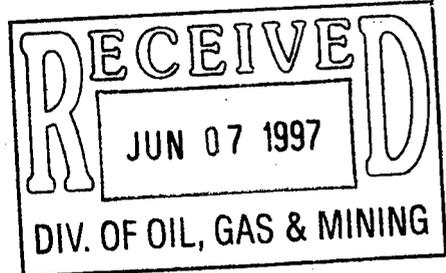
Date of work completion \_\_\_\_\_

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

\* Must be accompanied by a cement verification report.

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.)

WE PROPOSE TO ADD ADDITIONAL PERFORATIONS TO THE UPPER AND LOWER DAKOTA FORMATIONS AS SPECIFIED IN THE ATTACHED PROCEDURE.



13. Name & Signature: DANIEL REINEKE *[Signature]* Title: ENGINEER (405) 843-3498 Date: 6-5-97

(This space for State use only)

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY

**SAN ARROYO #13  
RECOMPLETION PROCEDURE**

1. Move in and rig up workover rig.
2. If needed, load hole w/ 2% KCl water. Nipple down tree and nipple up BOP's.
3. Pick up tubing and tag bottom. If necessary, TOOH and pick up sand pump. RIH and clean out to PBTD at 6216'. TOOH, inspect and tally tubing. Nipple down BOP's and nipple up frac valve.
4. MIRU wireline unit. RIH with CBL/GR and log to top of cement. RIH and set a retrievable bridge plug at +/- 5730'. Dump 2 Sx sand on top of RBP. Load hole with 2% KCl water and test casing to 3500 psi.
5. RIH with 3 3/8" Hollow Carrier Casing Gun. Tie in with GammaRay/ Neutron openhole logs dated 9/17/62. Perforate Dakota formation at 90 Deg. phasing as follows and TOOH.

|             |          |       |
|-------------|----------|-------|
| 5664'-5680' | 32 Holes | 2 SPF |
| 5688'-5706' | 36 Holes | 2 SPF |

6. MIRU frac equipment. Test lines to 5000 psi. Frac perforated zones with 2000 gals 15% HCl acid with additives followed by 37,000 gals 35 lb Borate X-linked Gel with 70,000 lbs 20/40 sand down casing, as follows.

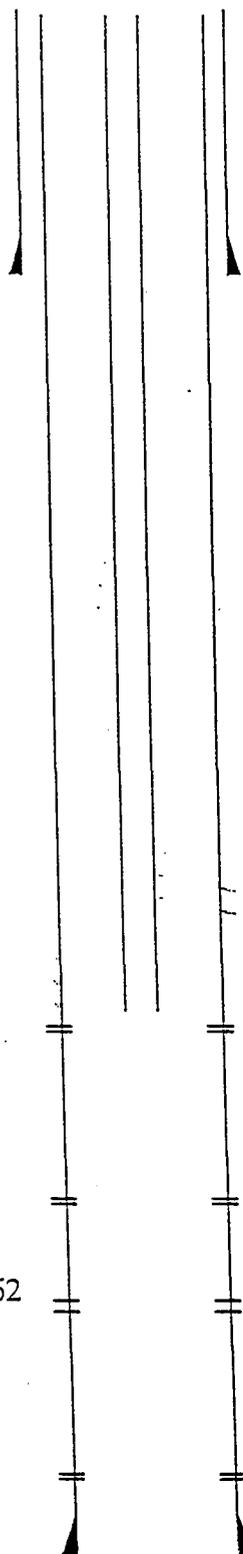
|                            |                 |
|----------------------------|-----------------|
| 12,000 gals Gel Pad        |                 |
| 4000 gals Gel              | w/ 1/2 ppg Sand |
| 3000 gals Gel              | w/ 1 ppg Sand   |
| 4000 gals Gel              | w/ 2 ppg Sand   |
| 4000 gals Gel              | w/ 3 ppg Sand   |
| 5000 gals Gel              | w/ 4 ppg Sand   |
| 5000 gals Gel              | w/ 5 ppg Sand   |
| 3794 gals Slickwater Flush |                 |

7. Flow back immediately for forced closure. Nipple down frac valve and nipple up BOP's. RDMO frac equipment and WLU.
8. If needed, load hole with 2% KCl water. M/U 1.875" seat nipple and retrievable packer. TIH on 2 3/8" tubing and set at +/- 5650'. Flow back and test well.

9. If needed, load hole with 2% KCl. Unset packer and TOOH. Lay down packer and pick up retrieving tool. RIH and retrieve RBP at +/- 5730'. TOOH and lay down RBP and retrieving tool.
10. TIH with seat nipple and hang off tubing at +/- 5650'.
11. Swab well in and put well back on production. RDMO workover rig.

SAN ARROYO #13  
SEC. 22-T16S-R25E  
GRAND COUNTY, UTAH

ELEVATION : 7592' GL  
TD : 6260'



9 5/8" 32.3# H40 STC CSG SET @ 308'  
CEMENTED W/ 300 SX CLASS H

2 3/8" 4.7# J55 EUE TBG SET @ 5733'

L. CEDAR MOUNTAIN PERFS 10/7/62  
5742'-5768'

ACIDIZED W/ 500 GALS NE ACID  
RE-ACIDIZED W/ 500 GALS MUD ACID

SQUEEZE HOLES 6104'-6108'  
PUMPED 250 SX CLASS H

MORRISON PERFS 10/7/62  
6111'-6128'  
ACIDIZED W/ 500 GALS 15% NE

SALT WASH PERFS (ADDED 2/88)  
6177'-6192'

ACIDIZED W/ 2500 GAL 7 1/2% HCl, FRAC'D W/ 15,090  
GAL 75Q FOAM W/ 4000 LB 100 MESH SD & 1300 LB  
20/40 SD, RE-FRAC'D W/ 19,000 GAL 75Q FOAM W/  
2000 LB 100 MESH SD & 628 LB 20/40 SD

4 1/2" 10.5# J55 LTC CSG SET @ 6260'  
CEMENTED W/ 300 SX POZMIX

PBTD 6216'

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial Number:  
U-0370-A

6. If Indian, Allottee or Tribe Name:

7. Unit Agreement Name:  
SAN ARROYO

8. Well Name and Number:  
UNIT #13

9. API Well Number:  
43-019-15894

10. Field and Pool, or Wildcat:

1. Type of Well: OIL  GAS  OTHER:

2. Name of Operator:  
ENOGEX EXPLORATION CORPORATION

3. Address and Telephone Number:  
P.O. BOX 24300, OKLAHOMA CITY, OK 73124 (405) 525-7788

4. Location of Well  
Footages: 1320' FSL 1320' FWL  
T.C. Sec., T., R., M.: SECTION 22-T16S-R25E

County: GRAND  
State: UTAH

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

NOTICE OF INTENT  
(Submit in Duplicate)

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

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

SUBSEQUENT REPORT  
(Submit Original Form Only)

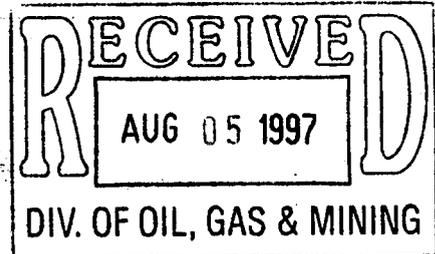
- Abandon
- Repair Casing
- Change of Plans
- Convert to Injection
- Fracture Treat or Acidize
- Other ADD PERFORATIONS
- New Construction
- Pull or Alter Casing
- Reperforate
- Vent or Flare
- Water Shut-Off

Date of work completion JUNE 12, 1997

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.)

ADDED ADDITIONAL DAKOTA PERFORATIONS FROM 5664' - 5680' AND 5688' - 5706'.



13. Name & Signature: DANIEL REINEKE *[Signature]* Title: ENGINEER (405)843-3498 Date: 7-31-97

(This space for State use only)

**SAN ARROYO #13  
RECOMPLETION REPORT**

JUNE 11 MOVE IN RIG UP COLORADO WELL SERVICE WORKOVER RIG. NIPPLE DOWN TREE. NIPPLE UP BOP. LAY DOWN TUBING ON GROUND. RIG UP ROCKY MOUNTAIN WIRELINE AND SET RETRIEVABLE BRIDGE AT 5730 FT. LOAD HOLE WITH 95 BBLs OF 2% KCL WATER AND PRESSURE TEST TO 3000 PSI. SHUT IN OVER NIGHT.

DC \$4698 CC \$ 4698

JUNE 12 RUN GR/CCL BOND LOG FROM 5728 FT TO 5300 FT. RERUN BOND LOG WITH 1000 PSI ON CASING. PRESSURE MADE NO DIFFERENCE ON LOG. DUMP 8 FT OF SAND ON TOP OF BRIDGE PLUG. PERFORATE DAKOTA FORMATION FROM 5664 - 5680 AND 5688-5706 WITH 2 SHOTS PER FOOT. TOTAL 68 HOLES. RIG DOWN WIRELINE AND WORKOVER RIG. RIG UP BJ SERVICES AND FRAC DAKOTA PERFORATIONS. PUMP 48 BBLs OF 15% ACID AT 5 BPM AND 0 PSI. DISPLACES ACID WITH SLICK WATER. PUMPED TOTAL OF 80 BBLs AT 23 BPM AND 620 PSI. SHUT DOWN. WELL WENT ON IMMEDIATE VACUUM. SHUT DOWN. CANCELED FRAC JOB DO TO DEPLETED FORMATION. RIG DOWN BJ. SHUT DOWN OVERNIGHT.

DC \$31,769 CC\$36,467

JUNE 13 SHUT DOWN OPERATIONS UNTIL RIG IS AVAILABLE

JUNE 20 SICP 100 PSI.

JUNE 22 SICP 100 PSI. WILL OPEN WELL IN THE MORNING.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

ENOGEX EXPLORATION CORPORATION

3. Address and Telephone No.

P.O. BOX 24300, OKLAHOMA CITY, OK 73124 (405) 525-7788

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

1320' FSL, 1320' FWL SECTION 22-T16S-R25E

5. Lease Designation and Serial No.

U - 0370 - A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

SAN ARROYO

8. Well Name and No.

UNIT #13

9. API Well No.

43-D19-15894

10. Field and Pool, or Exploratory Area

11. County or Parish, State

GRAND, UTAH

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

TYPE OF SUBMISSION

TYPE OF ACTION

Notice of Intent

Subsequent Report

Final Abandonment Notice

Abandonment

Recompletion

Plugging Back

Casing Repair

Altering Casing

Other ADD PERFORATIONS

Change of Plans

New Construction

Non-Routine Fracturing

Water Shut-Off

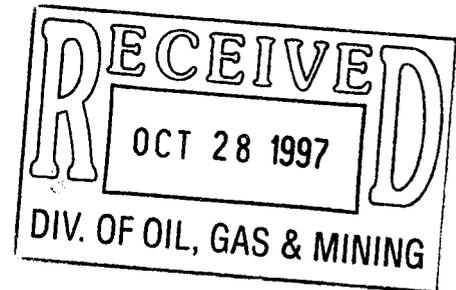
Conversion to Injection

Dispose Water

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

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

ADDED ADDITIONAL DAKOTA PERFORATIONS FROM 5664' - 5680' AND 5688' - 5706'.



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

Signed *[Signature]*

Title DANIEL T. REINEKE Assistant Field Manager

Date 7-31-97

(This space for Federal or State office use)

Approved by *[Signature]*

Title Resource Management

Date 9/24/97

Conditions of approval, if any:

### **SAN ARROYO #13**

- 8-04-97 Road rig to San Arroyo Gas Plant. Could not drive to location due to muddy roads. Left rig at plant. Shut down over night.
- 8-05-97 Drove rig to location. SICP 110 Psi. Blow well down. Nipple down wellhead. Nipple up BOP. Trip in hole with hydrostatic bailer and retrieving tool. Clean out 10 ft of sand on top of bridge plug and latch onto plug. Pull out of hole. Lay down bridge plug and retrieving tool. Start back in hole. Shut down overnight.
- 8-06-97 SICP 360 Psi. Run in hole with 202 joints and tag up at 6190 ft. Clean out well to 6205 ft. Pull out of hole. Lay down tools. Trip in hole with 198 joints. Hang off tubing at 6032 ft. nipple sown BOP. Nipple up wellhead. Return well to production.

JUN- 3-97 TUE 16:28

MO. DISTRICT OFFICE

FAX NO. 801 32106

P. 04

Form 3160-5  
(June 1990)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

5. Lease Designation and Serial No.  
II - 0370 - A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation  
SAN ARROYO

8. Well Name and No.  
UNIT #13

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State  
GRAND, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
ENOGEX EXPLORATION CORPORATION

3. Address and Telephone No.  
P.O. BOX 24300, OKLAHOMA CITY, OK 73124 (405) 525-7788

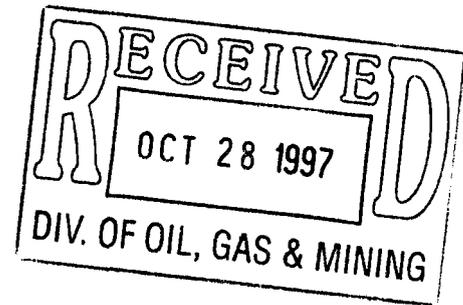
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1320' FSL, 1320' FWL SECTION 22-T16S-R25E

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

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

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

WE PROPOSE TO ADD ADDITIONAL PERFORATIONS TO THE UPPER AND LOWER DAKOTA FORMATIONS AS SPECIFIED IN THE ATTACHED PROCEDURE.



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

Signed [Signature] Title DANIEL T. REINER ENGINEER (405) 843-3493 Date 5-19-97

(This space for Federal or State office use)

Approved by [Signature] Title Assistant Field Manager, Resource Management Date 6/3/97

Conditions of approval, if any:

CONDITIONS OF APPROVAL ATTACHED



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

CRESCENDO ENERGY, LLC

August 4, 2000

## CERTIFICATE OF EXISTENCE

Registration Number: PENDING  
Business Name: CRESCENDO ENERGY, LLC  
Registered Date: JULY 13, 2000  
Foreign or Domestic: FOREIGN  
Current Status: GOOD STANDING

The Division of Corporations and Commercial Code of the State of Utah, custodian of the records of business registrations, certifies that the business entity on this certificate is authorized to transact business and was duly registered under the laws of the State of Utah.



Lorena Riffo-Jenson  
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

RESIGNATION OF UNIT OPERATOR

San Arroyo Unit Area

County of

State of Utah

Unit Agreement No. 14-08-001-3859

Under and pursuant to the provisions of Section 5 of the Unit Agreement for the Development and Operation of the San Arroyo Unit Area, Grand County, Utah, Enogex Exploration Corporation, the designated Unit Operator under said Unit Agreement, does hereby resign as Unit Operator, effective upon the selection and approval of a successor Unit Operator.

EXECUTED with effect as aforesaid the 30th day of June, 2000.

ENOGEX EXPLORATION CORPORATION

By

 118

Name: Dennis F. Jaggi

Title: Vice President

DESIGNATION OF  
SUCCESSOR UNIT OPERATOR

San Arroyo Unit Area

County of

State of Utah

Unit Agreement No. 14-08-001-3859

THIS INDENTURE, dated as of the 30th day of June, 2000, by and between Crescendo Energy, L.L.C., hereinafter designated as "First Party", and the owners of unitized working interests, hereinafter designated as "Second Parties",

WITNESSETH:

WHEREAS, under the provisions of the Act of February 25, 1920, 41 Stat. 437, 30 U.S.C. Secs. 181, et seq., as amended by the Act of August 8, 1946, 60 Stat. 950, the Secretary of the Interior, on the 2nd day of August, 1957, approved a Unit Agreement for the San Arroyo Unit Area, wherein Sinclair Oil Company was designated as Unit Operator, and

WHEREAS Enogex Exploration Corporation by subsequent designation is currently Unit Operator, but has resigned as such Operator and the designation of a successor Unit Operator is now required pursuant to the terms thereon; and

WHEREAS the First Party has been and hereby is designated by Second Parties as Unit Operator, and said First Party desires to assume all the rights, duties and obligations of Unit Operator under the said Unit Agreement:

NOW, THEREFORE, in consideration of the premises hereinbefore set forth and the promises hereinafter stated, the First party hereby covenants and agrees to fulfill the duties and assume the obligations of Unit Operator under and pursuant to all the terms of the San Arroyo Unit Agreements, and the Second Parties covenant and agree that, effective upon approval of this indenture by the Chief, Branch of Fluid Minerals, Bureau of Land Management, First Party shall be granted the exclusive right and privilege of exercising any and all rights and privileges as Unit Operator, pursuant to the terms and conditions of said Unit Agreement; said unit Agreement being hereby incorporated herein by reference and made a part hereof as fully and effectively as though said Unit Agreement were expressly set forth in this instrument.

IN WITNESS WHEREOF, the parties hereto have executed this instrument as of the date hereinabove set forth.

FIRST PARTY:

CRESCENDO ENERGY, L.L.C.

BY: CRESCENDO ENERGY PARTNERS, LLC, its managing member.

By: James J. Osborne

Title: VICE PRESIDENT

SECOND PARTIES:

ENOGEX EXPLORATION CORPORATION

By: *Dennis F. Jagoe* *DFJ*  
Name: Dennis F. Jagoe  
Title: Vice-President

Execution Date: 7/10/00

BOOK CLIFFS OIL & GAS COMPANY

By: *D. L. Catt*

Name: *D. L. Catt*

Title: *Vice President*

Execution Date: 7-18-00

NATIONAL FUEL CORPORATION

By: *J.C. Thompson*

Name: **J.C. THOMPSON**  
**Chairman**

Title: \_\_\_\_\_

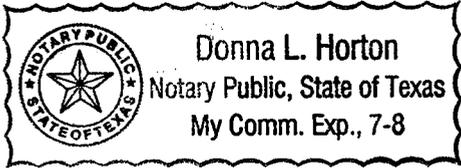
Execution Date: 8/7/00

CORPORATE ACKNOWLEDGEMENT

edit  
STATE OF ~~TEXAS~~ )  
 ) SS  
COUNTY OF Sonoma )

Grant Osborne This instrument was acknowledged before me on the 10 day of AUGUST, 2000, by Grant Osborne, as V.P. MANAGING MEMBER of Crescendo Energy, L.L.C., on behalf of said corporation.

WITNESS my hand and official seal.



Donna L. Horton  
Notary Public in and for the  
State of Texas  
My commission expires 7/8/02

CORPORATE ACKNOWLEDGEMENT

STATE OF OKLAHOMA )  
 ) SS  
COUNTY OF OKLAHOMA )

This instrument was acknowledged before me on the 10<sup>th</sup> day of July, 2000, by Dennis F. Jaggi, as Vice-President of Enogex Exploration Corporation, on behalf of said corporation.

WITNESS my hand and official seal.

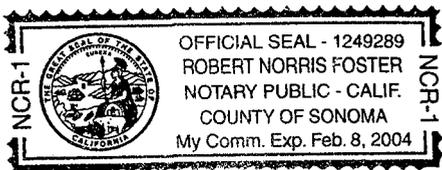
[Signature]  
Notary Public in and for the State of Oklahoma  
My commission expires 8/21/01

CORPORATE ACKNOWLEDGEMENT

STATE OF Calif )  
 ) SS  
COUNTY OF Sonoma )

This instrument was acknowledged before me on the 18 day of July, 2000, by D L Catt, as Vice Pres of Book Cliffs Oil & Gas Company, on behalf of said corporation.

WITNESS my hand and official seal.



Robert West  
Notary Public in and for the State of Oklahoma

My commission expires 2/8/04

CORPORATE ACKNOWLEDGEMENT

STATE OF Colorado )  
 ) SS  
COUNTY OF Arapahoe )

This instrument was acknowledged before me on the 7 day of August, 2000, by Jc Thompson, as Chairman of National Fuel Corporation, on behalf of said corporation.

WITNESS my hand and official seal.



Brenda K Mayland  
Notary Public in and for the State of ~~Oklahoma~~ Colorado

My commission expires 4-13-01



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

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

# RECEIVED

AUG 21 2000

DIVISION OF  
OIL, GAS AND MINING

IN REPLY REFER TO  
UT-931

August 17, 2000

Crescendo Energy, LLC  
c/o Pruitt, Gushee & Bachtell  
Attn: William E. Ward  
Suite 1850 Beneficial Life Tower  
Salt Lake City, Utah 84111-1495

Re: San Arroyo Unit  
Grand County, Utah

Gentlemen:

On August 14, 2000, we received an indenture dated June 30, 2000, whereby Enogex Exploration Corporation resigned as Unit Operator and Crescendo Energy, LLC was designated as Successor Unit Operator for the San Arroyo Unit, Grand County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective August 17, 2000.

Your statewide (Utah) oil and gas bond No. 1184 will be used to cover all operations within the San Arroyo Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Moab (w/enclosure)  
Division of Oil, Gas & Mining  
Minerals Adjudication Group U-932  
File - San Arroyo Unit (w/enclosure)  
MMS - Data Management Division  
Agr. Sec. Chron  
Fluid Chron

UT931:TAThompson:tt:8/17/00

Well Status Report  
Utah State Office  
Bureau of Land Management

| Lease                          | Api Number            | Well Name                     | QTR             | Section       | Township        | Range           | Well Status    | Operator                       |
|--------------------------------|-----------------------|-------------------------------|-----------------|---------------|-----------------|-----------------|----------------|--------------------------------|
| ** Inspection Item: 891003859A |                       |                               |                 |               |                 |                 |                |                                |
| UTU025297                      | 4301915905            | 1 (26) FEDERAL-GRAND          | SWSW            | 20            | T16S            | R26E            | PGW            | ENOGEX EXPLORATION CORPORATION |
| UTU05059C                      | 4301915892            | 11 SAN ARROYO UNIT            | NESW            | 15            | T16S            | R25E            | PGW            | ENOGEX EXPLORATION CORPORATION |
| UTSL071307                     | 4301915893            | 12 SAN ARROYO UNIT            | SWSW            | 23            | T16S            | R25E            | PGW            | ENOGEX EXPLORATION CORPORATION |
| UTU0370A                       | 4301915894            | 13 SAN ARROYO UNIT            | SWSW            | 22            | T16S            | R25E            | GSI            | ENOGEX EXPLORATION CORPORATION |
| STATE                          | <del>4301915895</del> | <del>14 SAN ARROYO UNIT</del> | <del>SWNE</del> | <del>16</del> | <del>T16S</del> | <del>R25E</del> | <del>PAA</del> | ENOGEX EXPLORATION CORPORATION |
| UTU0136529                     | 4301911091            | 15 (34-A) SAN ARROYO          | NESW            | 21            | T16S            | R25E            | ABD            | ENOGEX EXPLORATION CORPORATION |
| UTU0369                        | 4301915896            | 16 SAN ARROYO UNIT            | SESW            | 26            | T16S            | R25E            | PGW            | ENOGEX EXPLORATION CORPORATION |
| UTU025243                      | 4301915897            | 17 SAN ARROYO UNIT            | NENE            | 24            | T16S            | R25E            | PGW            | ENOGEX EXPLORATION CORPORATION |
| UTU06023                       | 4301915898            | 18 SAN ARROYO UNIT            | NWNW            | 30            | T16S            | R26E            | PGW            | ENOGEX EXPLORATION CORPORATION |
| UTU05011B                      | 4301915899            | 19 SAN ARROYO                 | SWSE            | 14            | T16S            | R25E            | PGW            | ENOGEX EXPLORATION CORPORATION |
| UTSL071307                     | 4301915900            | 20 SAN ARROYO                 | SENE            | 26            | T16S            | R25E            | PGW            | ENOGEX EXPLORATION CORPORATION |
| UTU0369                        | 4301915901            | 21 SAN ARROYO                 | NWSE            | 25            | T16S            | R25E            | PGW            | ENOGEX EXPLORATION CORPORATION |
| UTU05011A                      | 4301915902            | 22 SAN ARROYO                 | NENE            | 15            | T16S            | R25E            | PGW            | ENOGEX EXPLORATION CORPORATION |
| UTU06188                       | 4301915903            | 24 SAN ARROYO UNIT            | SENW            | 19            | T16S            | R26E            | PGW            | ENOGEX EXPLORATION CORPORATION |
| UTU0136529                     | 4301915904            | 25 SAN ARROYO                 | SWNE            | 21            | T16S            | R25E            | PGW            | ENOGEX EXPLORATION CORPORATION |
| UTU06021                       | 4301915906            | 27 SAN ARROYO                 | NESW            | 29            | T16S            | R26E            | PGW            | ENOGEX EXPLORATION CORPORATION |
| UTU05650                       | 4301915907            | 28 FEDERAL                    | NWNE            | 29            | T16S            | R26E            | PGW            | ENOGEX EXPLORATION CORPORATION |
| UTU0370A                       | 4301915908            | 29 SAN ARROYO UNIT            | NENE            | 22            | T16S            | R25E            | PGW            | ENOGEX EXPLORATION CORPORATION |
| UTU0369                        | 4301915886            | 3 UNIT                        | SENW            | 23            | T16S            | R25E            | PGW            | ENOGEX EXPLORATION CORPORATION |
| UTU05650                       | 4301915909            | 30 SAN ARROYO UNIT            | NWSW            | 21            | T16S            | R26E            | PGW            | ENOGEX EXPLORATION CORPORATION |
| UTU0370A                       | 4301930527            | 31 SAN ARROYO UNIT            | NWNW            | 22            | T16S            | R25E            | PGW            | ENOGEX EXPLORATION CORPORATION |
| UTU05011B                      | 4301930528            | 32 SAN ARROYO UNIT            | SWSW            | 14            | T16S            | R25E            | PGW            | ENOGEX EXPLORATION CORPORATION |
| UTU0369                        | 4301930608            | 33 SAN ARROYO UNIT            | SWSW            | 25            | T16S            | R25E            | PGW            | ENOGEX EXPLORATION CORPORATION |
| UTU06188                       | 4301931251            | 36-A SAN ARROYO UNIT          | SESE            | 19            | T16S            | R26E            | PGW            | ENOGEX EXPLORATION CORPORATION |
| UTU05650                       | 4301931252            | 37 SAN ARROYO UNIT            | SWNE            | 20            | T16S            | R26E            | PGW            | ENOGEX EXPLORATION CORPORATION |
| STATE                          | 4301931253            | 38 SAN ARROYO UNIT            | SWNE            | 16            | T16S            | R25E            | PGW            | ENOGEX EXPLORATION CORPORATION |
| UTU06023                       | 4301915887            | 4 GOVT-SAN ARROYO             | SESW            | 30            | T16S            | R26E            | PGW            | ENOGEX EXPLORATION CORPORATION |
| STATE                          | 4301931289            | 41 SAN ARROYO UNIT            | NENE            | 36            | T16S            | R25E            | PGW            | ENOGEX EXPLORATION CORPORATION |
| UTU06023                       | 4301931290            | 42 SAN ARROYO UNIT            | NESE            | 30            | T16S            | R26E            | PGW            | ENOGEX EXPLORATION CORPORATION |
| UTU06021                       | 4301931291            | 43 SAN ARROYO UNIT            | NESE            | 29            | T16S            | R26E            | PGW            | ENOGEX EXPLORATION CORPORATION |
| UTU06023                       | 4301931301            | 44 SAN ARROYO                 | SENE            | 30            | T16S            | R26E            | PGW            | ENOGEX EXPLORATION CORPORATION |
| UTU05650                       | 4301931299            | 45 SAN ARROYO                 | NWSE            | 20            | T16S            | R26E            | PGW            | ENOGEX EXPLORATION CORPORATION |
| UTU06023                       | 4301931318            | 47 FEDERAL                    | NWNE            | 31            | T16S            | R26E            | PGW            | ENOGEX EXPLORATION CORPORATION |
| UTU025245                      | 4301931316            | 49 FEDERAL                    | NENW            | 29            | T16S            | R26E            | PGW            | ENOGEX EXPLORATION CORPORATION |
| UTU0369                        | 4301911090            | 7 (35) SAN ARROYO             | SESW            | 24            | T16S            | R25E            | PGW            | ENOGEX EXPLORATION CORPORATION |
| STATE                          | 4301915890            | 8 SAN ARROYO UNIT             | SWSW            | 16            | T16S            | R25E            | PGW            | ENOGEX EXPLORATION CORPORATION |
| UTU0370A                       | 4301915891            | 9 SAN ARROYO UNIT             | NWNE            | 27            | T16S            | R25E            | PGW            | ENOGEX EXPLORATION CORPORATION |
| ** Inspection Item: 891003859B |                       |                               |                 |               |                 |                 |                |                                |
| UTSL071307                     | 4301916532            | 1 GOVT SAN ARROYO             | SENW            | 26            | T16S            | R25E            | GSI            | ENOGEX EXPLORATION CORPORATION |
| UTU0370A                       | 4301915885            | 2 UNIT                        | SENW            | 22            | T16S            | R25E            | GSI            | ENOGEX EXPLORATION CORPORATION |
| UTU0370A                       | 4301931250            | 40 SAN ARROYO UNIT            | NWNE            | 27            | T16S            | R25E            | TA             | ENOGEX EXPLORATION CORPORATION |
| UTU0369                        | 4301915888            | 5 SAN ARROYO UNIT             | NWSE            | 25            | T16S            | R25E            | GSI            | ENOGEX EXPLORATION CORPORATION |
| UTU0136529                     | 4301915889            | 6 SAN ARROYO UNIT             | SWNE            | 21            | T16S            | R25E            | PGW            | ENOGEX EXPLORATION CORPORATION |

# Crescendo Energy, LLC

P.O. Box 1814  
Midland, TX 79702  
Phone: 915-697-7221  
Fax: 915-697-7289

August 23, 2000

Attn: Mr. Jim Thompson  
Utah Division of Oil, Gas & Mining  
1594 W North Temple  
Salt Lake City, Utah 84114-5801

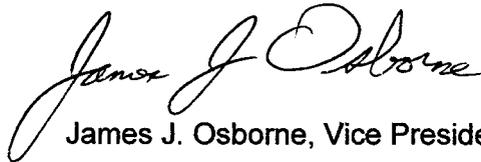
Re: Change of Operator

Dear Mr. Thompson:

The attached list of properties was formerly owned and operated by Enogex Exploration Corporation. Crescendo Energy, LLC has purchased the properties and has taken over operations. If you have any questions, please feel free to contact me at the phone number listed above.

Sincerely yours,  
Crescendo Energy, LLC

By: Crescendo Energy Partners, LLC, its  
Managing Member



James J. Osborne, Vice President

Confirmation by Previous Operator:

Enogex Exploration Corporation

By: Chris J. Haugen  
Name (Print): CHRIS J. HAUGEN  
Title: Manager, E&P

jjo  
Attachment

**OPERATOR CHANGE WORKSHEET**

**ROUTING**

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

Enter date after each listed item is completed

**X Change of Operator (Well Sold)**

Designation of Agent

Operator Name Change (Only)

Merger

The operator of the well(s) listed below has changed, effective:

06-30-2000

**FROM:** (Old Operator):

ENOGEX EXPLORATION CORPORATION

Address: P. O. BOX 24300

OKLAHOMA CITY, OK 73124-0300

Phone: 1-(405)-525-7788

Account No. N7430

**TO:** ( New Operator):

CRESCENDO ENERGY PARTNERS LLC

Address: P. O. BOX 1814

MIDLAND, TX 79702

Phone: 1-(915)-697-7221

Account N1365

**CA No.**

**Unit: SAN ARROYO**

**WELL(S)**

| NAME            | API NO.      | ENTITY NO. | SEC. TWN RNG | LEASE TYPE | WELL TYPE | WELL STATUS |
|-----------------|--------------|------------|--------------|------------|-----------|-------------|
| SAN ARROYO # 19 | 43-019-15899 | 500        | 14-16S-25E   | FEDERAL    | GW        | P           |
| SAN ARROYO # 32 | 43-019-30528 | 500        | 14-16S-25E   | FEDERAL    | GW        | P           |
| SAN ARROYO # 11 | 43-019-15892 | 500        | 15-16S-25E   | FEDERAL    | GW        | P           |
| SAN ARROYO # 22 | 43-019-15902 | 500        | 15-16S-25E   | FEDERAL    | GW        | P           |
| SAN ARROYO # 8  | 43-019-15890 | 500        | 16-16S-25E   | FEDERAL    | GW        | P           |
| SAN ARROYO # 25 | 43-019-15904 | 500        | 21-16S-25E   | FEDERAL    | GW        | P           |
| SAN ARROYO # 29 | 43-019-15908 | 500        | 22-16S-25E   | FEDERAL    | GW        | P           |
| SAN ARROYO # 31 | 43-019-30527 | 500        | 22-16S-25E   | FEDERAL    | GW        | P           |
| SAN ARROYO # 3  | 43-019-15886 | 500        | 23-16S-25E   | FEDERAL    | GW        | P           |
| SAN ARROYO # 12 | 43-019-15893 | 500        | 23-16S-25E   | FEDERAL    | GW        | P           |
| SAN ARROYO # 17 | 43-019-15897 | 500        | 24-16S-25E   | FEDERAL    | GW        | P           |
| SAN ARROYO # 21 | 43-019-15901 | 500        | 25-16S-25E   | FEDERAL    | GW        | P           |
| SAN ARROYO # 16 | 43-019-15896 | 500        | 26-16S-25E   | FEDERAL    | GW        | P           |
| SAN ARROYO # 20 | 43-019-15900 | 500        | 26-16S-25E   | FEDERAL    | GW        | P           |
| SAN ARROYO # 9  | 43-019-15891 | 500        | 27-16S-25E   | FEDERAL    | GW        | P           |
| SAN ARROYO # 24 | 43-019-15903 | 500        | 19-16S-26E   | FEDERAL    | GW        | P           |
| SAN ARROYO # 26 | 43-019-15905 | 500        | 20-16S-26E   | FEDERAL    | GW        | P           |
| SAN ARROYO # 30 | 43-019-15909 | 500        | 21-16S-26E   | FEDERAL    | GW        | P           |
| SAN ARROYO # 13 | 43-019-15894 | 500        | 22-16S-26E   | FEDERAL    | GW        | P           |
| SAN ARROYO # 27 | 43-019-15906 | 500        | 29-16S-26E   | FEDERAL    | GW        | P           |
| SAN ARROYO # 28 | 43-019-15907 | 500        | 29-16S-26E   | FEDERAL    | GW        | P           |
| SAN ARROYO # 4  | 43-019-15887 | 500        | 30-16S-26E   | FEDERAL    | GW        | P           |
| SAN ARROYO # 18 | 43-019-15898 | 500        | 30-16S-26E   | FEDERAL    | GW        | P           |

**OPERATOR CHANGES DOCUMENTATION**

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 08/23/2000

2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 08/23/2000

3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 10/19/2000
4. Is the new operator registered in the State of Utah: YES Business Number: 4549132-0143
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: 08/17/2000
7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: 08/17/2000
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: N/A

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 10/19/2000
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 10/19/2000
3. Bond information entered in RBDMS on: \_\_\_\_\_
4. Fee wells attached to bond in RBDMS on: \_\_\_\_\_

**STATE BOND VERIFICATION:**

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

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

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

**FILMING:**

1. All attachments to this form have been **MICROFILMED** on: 3.5.01

**FILING:**

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

**COMMENTS:**

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

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

FORM 9

|  |  |   |
|--|--|---|
| <b>SUNDRY NOTICES AND REPORTS ON WELLS</b>   |  | 5. LEASE DESIGNATION AND SERIAL NUMBER:<br><b>See attached</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. |  | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME:                                   |
| 1. TYPE OF WELL<br>OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____  |  | 7. UNIT or CA AGREEMENT NAME:<br><b>San Arroyo Unit and other wells</b> |
| 2. NAME OF OPERATOR:<br><b>Slate River Resources, LLC</b> <span style="float: right; font-size: large;"><i>N2725</i></span>  |  | 8. WELL NAME and NUMBER:<br><b>See attached</b>                         |
| 3. ADDRESS OF OPERATOR:<br>418 Main Street, Ste. 18 CITY <b>Vernal</b> STATE <b>UT</b> ZIP <b>84078</b>  |  | 9. API NUMBER:<br><b>See attach</b>                                     |
| 4. LOCATION OF WELL<br>FOOTAGES AT SURFACE: <b>See attached schedule of wells</b>  |  | 10. FIELD AND POOL, OR WILDCAT:<br><b>See attached</b>                  |
| QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:   |  | COUNTY: <b>Grand</b>  |
|  |  | STATE: <b>UTAH</b>  |

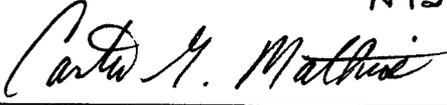
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION   | TYPE OF ACTION  |   |  |
|--|---|---|--|
| <input type="checkbox"/> NOTICE OF INTENT<br>(Submit in Duplicate)<br>Approximate date work will start:<br>_____ | <input type="checkbox"/> ACIDIZE                        | <input type="checkbox"/> DEEPEN                           | <input type="checkbox"/> REPERFORATE CURRENT FORMATION |
|  | <input type="checkbox"/> ALTER CASING                   | <input type="checkbox"/> FRACTURE TREAT                   | <input type="checkbox"/> SIDETRACK TO REPAIR WELL      |
| <input type="checkbox"/> SUBSEQUENT REPORT<br>(Submit Original Form Only)<br>Date of work completion:<br>_____   | <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.

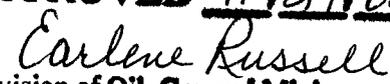
Crescendo Energy, LLC is a wholly owned subsidiary of Slate River Resources, LLC. All the wells, properties and leasehold interest of Crescendo Energy, LLC has been assigned to Slate River Resources, LLC. We request a change of Operator from Crescendo Energy, LLC to Slate River Resources, LLC on the wells listed on the attached schedule, including a change of Operator of the San Arroyo Unit Area effective November 1, 2005.

The Bond numbers for Slate River Resources, LLC are:  
 State of Utah DOGM Bond B001556 \$120,000  
 State of Utah Bond of Lessee B001760 \$ 15,000 being transferred from Crescendo to Slate River Resources, LLC  
 Federal Utah Statewide Bond UTB000187 \$ 25,000 being transferred from Crescendo to Slate River Resources, LLC

Crescendo Energy, LLC *N1365*  
  
 \_\_\_\_\_  
 Carter G. Mathies, President

|   |  |
|---|--|
| NAME (PLEASE PRINT) <u>Gary D. Davis</u>  | TITLE <u>President, Slate River Resources, LLC</u> |
| SIGNATURE  | DATE <u>11/10/2005</u>                             |

(This space for State use only)

**APPROVED** 11/29/05  
  
 Division of Oil, Gas and Mining  
 Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

**RECEIVED**  
**NOV 16 2005**  
 DIV. OF OIL, GAS & MINING

STATE RIVER RESOURCES, LLC, OPERATOR

| ARL Well Number   | Operator             | Well Name                   | Well Type | Well Status                          | Field Name      | County Name | Dir/Qtz | Section | Township-Range | U-#          | PLN# |
|-------------------|----------------------|-----------------------------|-----------|--------------------------------------|-----------------|-------------|---------|---------|----------------|--------------|------|
| 43-019-30570-00-0 | CRESCENDO ENERGY LLC | ARCO 27-1                   | Gas Well  | Producing                            | SAN ARROYO      | GRAND       | NWSW    | 27      | 16S-25E        | U-29645      | 170C |
| 43-019-31162-00-0 | CRESCENDO ENERGY LLC | ARCO STATE 36-7             | Gas Well  | Producing                            | EAST CANYON     | GRAND       | SWSE    | 36      | 15.5S-24E      | ML-22208     | 852  |
| 43-019-31192-00-0 | CRESCENDO ENERGY LLC | ARCO STATE 36-8             | Gas Well  | Producing                            | EAST CANYON     | GRAND       | SWSW    | 36      | 15.5S-24E      | ML-22208     | 1285 |
| 43-019-30240-00-0 | CRESCENDO ENERGY LLC | ARCO-STATE 2-1              | Gas Well  | Producing                            | EAST CANYON     | GRAND       | NESE    | 2       | 16S-24E        | ML-22208     | 242C |
| 43-019-30241-00-0 | CRESCENDO ENERGY LLC | ARCO-STATE 2-2              | Gas Well  | Shut-In                              | EAST CANYON     | GRAND       | NWNW    | 2       | 16S-24E        | ML-22208     | 1425 |
| 43-019-30047-00-0 | CRESCENDO ENERGY LLC | BITTER CREEK 1              | Gas Well  | Producing                            | SAN ARROYO      | GRAND       | SWSE    | 2       | 16S-25E        | ML-25151     | 1080 |
| 43-047-30765-00-0 | CRESCENDO ENERGY LLC | BLACK HORSE CANYON FED 31-1 | Gas Well  | Producing                            | BLACK HORSE CYN | UINTAH      | NWSW    | 31      | 15S-24E        | U-14234      | 203C |
| 43-019-15884-00-0 | CRESCENDO ENERGY LLC | FEDERAL 174 1               | Gas Well  | Producing                            | SAN ARROYO      | GRAND       | SESW    | 11      | 16S-25E        | U-126528     | 194C |
| 43-019-31432-00-0 | CRESCENDO ENERGY LLC | FEDERAL 27-2                | Gas Well  | Approved permit (APD); not yet spudd | SAN ARROYO      | GRAND       | SESE    | 27      | 16S-25E        | U-29645      | 111C |
| 43-019-31318-00-0 | CRESCENDO ENERGY LLC | FEDERAL 47                  | Gas Well  | Producing                            | SAN ARROYO      | GRAND       | NWNE    | 31      | 16S-26E        | U-6023       | 990  |
| 43-019-31410-00-0 | CRESCENDO ENERGY LLC | FEDERAL 6-1                 | Gas Well  | Approved permit (APD); not yet spudd | SAN ARROYO      | GRAND       | SWNW    | 6       | 16S-25E        | U-9831       | 176C |
| 43-019-11089-00-0 | CRESCENDO ENERGY LLC | FEDERAL GILBERT 1           | Gas Well  | Producing                            | SAN ARROYO      | GRAND       | SWNE    | 11      | 16S-25E        | U-126528     | 114C |
| 43-019-16532-00-0 | CRESCENDO ENERGY LLC | SAN ARROYO 01               | Gas Well  | Shut-In                              | SAN ARROYO      | GRAND       | SESW    | 26      | 16S-25E        | USL-71307    | 132C |
| 43-019-15885-00-0 | CRESCENDO ENERGY LLC | SAN ARROYO 02               | Gas Well  | Shut-In                              | SAN ARROYO      | GRAND       | SESW    | 22      | 16S-25E        | U-370-A      | 1125 |
| 43-019-15886-00-0 | CRESCENDO ENERGY LLC | SAN ARROYO 03               | Gas Well  | Producing                            | SAN ARROYO      | GRAND       | SESW    | 23      | 16S-25E        | U-369        | 0    |
| 43-019-15887-00-0 | CRESCENDO ENERGY LLC | SAN ARROYO 04               | Gas Well  | Producing                            | SAN ARROYO      | GRAND       | SESW    | 30      | 16S-26E        | U-6023       | 660  |
| 43-019-15888-00-0 | CRESCENDO ENERGY LLC | SAN ARROYO 05               | Gas Well  | Shut-In                              | SAN ARROYO      | GRAND       | NWSE    | 25      | 16S-25E        | U-369        | 820  |
| 43-019-15889-00-0 | CRESCENDO ENERGY LLC | SAN ARROYO 06               | Gas Well  | Shut-In                              | SAN ARROYO      | GRAND       | SWNE    | 21      | 16S-25E        | U-136529     | 1360 |
| 43-019-15890-00-0 | CRESCENDO ENERGY LLC | SAN ARROYO 08               | Gas Well  | Producing                            | SAN ARROYO      | GRAND       | SWSW    | 16      | 16S-25E        | ML-4113      | 2066 |
| 43-019-15891-00-0 | CRESCENDO ENERGY LLC | SAN ARROYO 09               | Gas Well  | Producing                            | SAN ARROYO      | GRAND       | NWNE    | 27      | 16S-25E        | U-370-A      | 121C |
| 43-019-15892-00-0 | CRESCENDO ENERGY LLC | SAN ARROYO 11               | Gas Well  | Producing                            | SAN ARROYO      | GRAND       | NESW    | 15      | 16S-25E        | U-5059-C     | 245C |
| 43-019-15893-00-0 | CRESCENDO ENERGY LLC | SAN ARROYO 12               | Gas Well  | Producing                            | SAN ARROYO      | GRAND       | SWSW    | 23      | 16S-25E        | USL-71307    | 152C |
| 43-019-15894-00-0 | CRESCENDO ENERGY LLC | SAN ARROYO 13               | Gas Well  | Producing                            | SAN ARROYO      | GRAND       | C-SW    | 22      | 16S-25E        | U-370-A      | 660  |
| 43-019-15896-00-0 | CRESCENDO ENERGY LLC | SAN ARROYO 16               | Gas Well  | Producing                            | SAN ARROYO      | GRAND       | SESW    | 26      | 16S-25E        | U-369        | 1990 |
| 43-019-15897-00-0 | CRESCENDO ENERGY LLC | SAN ARROYO 17               | Gas Well  | Producing                            | SAN ARROYO      | GRAND       | NENE    | 24      | 16S-25E        | U-25243      | 660  |
| 43-019-15898-00-0 | CRESCENDO ENERGY LLC | SAN ARROYO 18               | Gas Well  | Producing                            | SAN ARROYO      | GRAND       | NWNW    | 30      | 16S-26E        | U-6023       | 130C |
| 43-019-15899-00-0 | CRESCENDO ENERGY LLC | SAN ARROYO 19               | Gas Well  | Producing                            | SAN ARROYO      | GRAND       | SWSE    | 14      | 16S-25E        | U-5011-B     | 260C |
| 43-019-15900-00-0 | CRESCENDO ENERGY LLC | SAN ARROYO 20               | Gas Well  | Producing                            | SAN ARROYO      | GRAND       | SENE    | 26      | 16S-25E        | USL-71307    | 1712 |
| 43-019-15901-00-0 | CRESCENDO ENERGY LLC | SAN ARROYO 21               | Gas Well  | Producing                            | SAN ARROYO      | GRAND       | NWSE    | 25      | 16S-25E        | U-369        | 395  |
| 43-019-15902-00-0 | CRESCENDO ENERGY LLC | SAN ARROYO 22               | Gas Well  | Producing                            | SAN ARROYO      | GRAND       | NENE    | 15      | 16S-25E        | U-5011-A     | 2194 |
| 43-019-15903-00-0 | CRESCENDO ENERGY LLC | SAN ARROYO 24               | Gas Well  | Producing                            | SAN ARROYO      | GRAND       | SESW    | 19      | 16S-26E        | U-6188       | 769  |
| 43-019-15904-00-0 | CRESCENDO ENERGY LLC | SAN ARROYO 25               | Gas Well  | Producing                            | SAN ARROYO      | GRAND       | SWNE    | 21      | 16S-25E        | U-136529     | 1111 |
| 43-019-15905-00-0 | CRESCENDO ENERGY LLC | SAN ARROYO 26               | Gas Well  | Producing                            | SAN ARROYO      | GRAND       | SWSW    | 20      | 16S-26E        | U-25297      | 8    |
| 43-019-15906-00-0 | CRESCENDO ENERGY LLC | SAN ARROYO 27               | Gas Well  | Producing                            | SAN ARROYO      | GRAND       | NESW    | 29      | 16S-26E        | U-6021       | 87   |
| 43-019-15907-00-0 | CRESCENDO ENERGY LLC | SAN ARROYO 28               | Gas Well  | Producing                            | SAN ARROYO      | GRAND       | NWNE    | 29      | 16S-26E        | U-5650       | 634  |
| 43-019-15908-00-0 | CRESCENDO ENERGY LLC | SAN ARROYO 29               | Gas Well  | Producing                            | SAN ARROYO      | GRAND       | NENE    | 22      | 16S-25E        | U-370-A      | 540  |
| 43-019-15909-00-0 | CRESCENDO ENERGY LLC | SAN ARROYO 30               | Gas Well  | Producing                            | SAN ARROYO      | GRAND       | NWSW    | 21      | 16S-26E        | U-5650       | 945  |
| 43-019-30527-00-0 | CRESCENDO ENERGY LLC | SAN ARROYO 31               | Gas Well  | Shut-In                              | SAN ARROYO      | GRAND       | NWNW    | 22      | 16S-25E        | U-370-A      | 739  |
| 43-019-30528-00-0 | CRESCENDO ENERGY LLC | SAN ARROYO 32               | Gas Well  | Producing                            | SAN ARROYO      | GRAND       | SWSW    | 14      | 16S-25E        | U-5011-B     | 1305 |
| 43-019-30608-00-0 | CRESCENDO ENERGY LLC | SAN ARROYO 33               | Gas Well  | Producing                            | SAN ARROYO      | GRAND       | SWSW    | 25      | 16S-25E        | U-369        | 1977 |
| 43-019-11090-00-0 | CRESCENDO ENERGY LLC | SAN ARROYO 35               | Gas Well  | Producing                            | SAN ARROYO      | GRAND       | SESW    | 24      | 16S-25E        | U-369        | 1875 |
| 43-019-31251-00-0 | CRESCENDO ENERGY LLC | SAN ARROYO 36-A             | Gas Well  | Producing                            | SAN ARROYO      | GRAND       | SESE    | 19      | 16S-26E        | U-6188       | 304  |
| 43-019-31252-00-0 | CRESCENDO ENERGY LLC | SAN ARROYO 37               | Gas Well  | Producing                            | SAN ARROYO      | GRAND       | SWNE    | 20      | 16S-26E        | U-5650       | 2025 |
| 43-019-31253-00-0 | CRESCENDO ENERGY LLC | SAN ARROYO 38               | Gas Well  | Producing                            | SAN ARROYO      | GRAND       | SWNE    | 16      | 16S-25E        | ML-4113      | 1393 |
| 43-019-31250-00-0 | CRESCENDO ENERGY LLC | SAN ARROYO 40               | Gas Well  | Shut-In                              | SAN ARROYO      | GRAND       | NWNE    | 27      | 16S-25E        | U-370-A      | 1482 |
| 43-019-31289-00-0 | CRESCENDO ENERGY LLC | SAN ARROYO 41               | Gas Well  | Producing                            | SAN ARROYO      | GRAND       | NENE    | 36      | 16S-25E        | Not CE Lease | 1342 |
| 43-019-31290-00-0 | CRESCENDO ENERGY LLC | SAN ARROYO 42               | Gas Well  | Producing                            | SAN ARROYO      | GRAND       | NESE    | 30      | 16S-26E        | U-6023       | 130C |
| 43-019-31291-00-0 | CRESCENDO ENERGY LLC | SAN ARROYO 43               | Gas Well  | Producing                            | SAN ARROYO      | GRAND       | NESE    | 29      | 16S-26E        | U-6021       | 600  |
| 43-019-31301-00-0 | CRESCENDO ENERGY LLC | SAN ARROYO 44               | Gas Well  | Producing                            | SAN ARROYO      | GRAND       | SENE    | 30      | 16S-26E        | U-6023       |      |
| 43-019-31299-00-0 | CRESCENDO ENERGY LLC | SAN ARROYO 45               | Gas Well  | Producing                            | SAN ARROYO      | GRAND       | NWSE    | 20      | 16S-26E        | U-5650       | 0    |



**OPERATOR CHANGE WORKSHEET**

**ROUTING**

- |        |
|--------|
| 1. DJJ |
| 2. CDW |

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:

**11/1/2005**

|  |   |
|--|---|
| <b>FROM: (Old Operator):</b><br>N1365-Crescendo Energy, LLC<br>1600 Broadway, Suite 900<br>Denver, CO 80202<br>Phone: 1-(303) 592-4448 | <b>TO: ( New Operator):</b><br>N2725-Slate River Resources, LLC<br>418 Main St, Suite 18<br>Vernal, UT 84078<br>Phone: 1-(435) 781-1870 |
|--|---|

**CA No.**

**Unit:**

**SAN ARROYO**

**WELL(S)**

| NAME            | SEC | TWN  | RNG  | API NO     | ENTITY NO | LEASE TYPE | WELL TYPE | WELL STATUS |
|-----------------|-----|------|------|------------|-----------|------------|-----------|-------------|
| SAN ARROYO 19   | 14  | 160S | 250E | 4301915899 | 500       | Federal    | GW        | P           |
| SAN ARROYO 11   | 15  | 160S | 250E | 4301915892 | 500       | Federal    | GW        | S           |
| SAN ARROYO 22   | 15  | 160S | 250E | 4301915902 | 500       | Federal    | GW        | P           |
| SAN ARROYO 8    | 16  | 160S | 250E | 4301915890 | 500       | Federal    | GW        | P           |
| SAN ARROYO 6    | 21  | 160S | 250E | 4301915889 | 505       | Federal    | GW        | S           |
| SAN ARROYO 25   | 21  | 160S | 250E | 4301915904 | 500       | Federal    | GW        | P           |
| SAN ARROYO 2    | 22  | 160S | 250E | 4301915885 | 505       | Federal    | GW        | S           |
| SAN ARROYO 13   | 22  | 160S | 250E | 4301915894 | 500       | Federal    | GW        | P           |
| SAN ARROYO 3    | 23  | 160S | 250E | 4301915886 | 500       | Federal    | GW        | P           |
| SAN ARROYO 12   | 23  | 160S | 250E | 4301915893 | 500       | Federal    | GW        | P           |
| SAN ARROYO U 35 | 24  | 160S | 250E | 4301911090 | 500       | Federal    | GW        | P           |
| SAN ARROYO 17   | 24  | 160S | 250E | 4301915897 | 500       | Federal    | GW        | P           |
| SAN ARROYO 5    | 25  | 160S | 250E | 4301915888 | 505       | Federal    | GW        | S           |
| SAN ARROYO 21   | 25  | 160S | 250E | 4301915901 | 500       | Federal    | GW        | P           |
| SAN ARROYO 16   | 26  | 160S | 250E | 4301915896 | 500       | Federal    | GW        | P           |
| SAN ARROYO 20   | 26  | 160S | 250E | 4301915900 | 500       | Federal    | GW        | P           |
| SAN ARROYO 9    | 27  | 160S | 250E | 4301915891 | 500       | Federal    | GW        | P           |
| SAN ARROYO 24   | 19  | 160S | 260E | 4301915903 | 500       | Federal    | GW        | P           |
| SAN ARROYO 4    | 30  | 160S | 260E | 4301915887 | 500       | Federal    | GW        | P           |
| SAN ARROYO 18   | 30  | 160S | 260E | 4301915898 | 500       | Federal    | GW        | P           |

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 11/16/2005
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 11/16/2005
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 11/23/2005
- Is the new operator registered in the State of Utah: YES Business Number: 5830411-0161
- If **NO**, the operator was contacted on:
- 6a. (R649-9-2)Waste Management Plan has been received on: \_\_\_\_\_ requested 11/23/05
- 6b. Inspections of LA PA state/fee well sites complete on: n/a
- 6c. Reports current for Production/Disposition & Sundries on: \_\_\_\_\_ requested 11/23/05

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: \_\_\_\_\_ not yet

**8. Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on:       n/a      

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

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

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

**DATA ENTRY:**

- 1. Changes entered in the Oil and Gas Database on:       11/29/2005
- 2. Changes have been entered on the Monthly Operator Change Spread Sheet on:       11/29/2005
- 3. Bond information entered in RBDMS on:       n/a
- 4. Fee/State wells attached to bond in RBDMS on:       n/a
- 5. Injection Projects to new operator in RBDMS on:       n/a
- 6. Receipt of Acceptance of Drilling Procedures for APD/New on:       11/29/2005

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

1. Federal well(s) covered by Bond Number:       UTB000187      

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

1. Indian well(s) covered by Bond Number:       n/a      

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

- 1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number       B001556
- 2. The **FORMER** operator has requested a release of liability from their bond on:       11/25/2005        
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:**

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



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, UT 84145-0155

<http://www.blm.gov>



4301915894  
165 25E 22

IN REPLY REFER TO:  
3106  
(UT-922)

December 5, 2005

Memorandum

To: Moab Field Office  
From: Acting Chief, Branch of Fluid Minerals  
Subject: Merger Approval

Attached is an approved copy of the merger recognized by the state of Delaware. We have updated our records to reflect the merger from Crescendo Energy LLC into Slate River Resources LLC. The merger was approved effective October 31, 2005.

  
for David H. Murphy  
Acting Chief, Branch of  
Fluid Minerals

Enclosure  
Articles of Organization (4 pp)

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225  
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114  
Teresa Thompson  
Joe Incardine  
Connie Seare  
Dave Mascarenas  
Susan Bauman

RECEIVED

DEC 05 2005

DIV. OF OIL, GAS & MINING

EP

\*\*\*\*\*

LLE: Judy Nordstrom

MEMO WRITTEN: December 5, 2005

**Name of Company:**

**OLD**

**NEW NID**

**Crescendo Energy LLC**  
418 E. Main Street  
Suite 18  
Vernal Utah 84078

**Slate River Resources LLC**  
1600 Broadway  
Suite 900  
Denver CO 80202

\*\*\*\*\*

\_\_\_\_\_ (940) NAME CHANGE RECOGNIZED  
(DATE)

October 31, 2005 (817) CORPORATE MERGER RECOGNIZED  
(DATE)

\*\*\*\*\*

UTSL-071307

- UTU-0369
- UTU-0370A
- UTU-05011A
- UTU-05011B
- UTU-05059A
- UTU-05059C
- UTU-05059F
- UTU-05650
- UTU-05650A
- UTU-06021
- UTU-06023
- UTU-06188
- UTU-06188B
- UTU-025243
- UTU-025245
- UTU-025243A
- UTU-025297
- UTU-0126528
- UTU-0136529
- UTU-0141420
- UTU-9831
- UTU-14234
- UTU-29645
- UTU-60818
- UTU-63022A

**CERTIFICATE OF MERGER**  
of  
**CRESCENDO ENERGY, LLC**  
into  
**SLATE RIVER RESOURCES, LLC**

This **CERTIFICATE OF MERGER**, dated and effective as of October 31, 2005, has been duly authorized and is filed pursuant to Section 18-209 of the Delaware Limited Liability Company Act (the "Act").

1. The name and jurisdiction of formation or organization of the constituent entities of the merger effectuated hereby are:

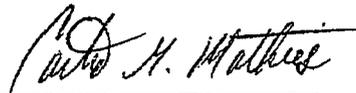
| <u>Name</u>                | <u>Jurisdiction of Organization</u> |
|----------------------------|-------------------------------------|
| Slate River Resources, LLC | Delaware                            |
| Crescendo Energy, LLC      | Delaware                            |

2. An Agreement and Plan of Merger (the "Merger Agreement") has been duly authorized, approved and executed by each of the limited liability companies to merge pursuant hereto.
3. Slate River Resources, LLC shall be the surviving entity and shall maintain its present name.
4. There are no amendments to the certificate of formation of Slate River Resources, LLC resulting from or incidental to the merger.
5. The merger effected hereby shall be effective upon the filing of this Certificate of Merger in the office of the Secretary of State of the State of Delaware.
6. The Merger Agreement is on file in the principal business office of the surviving entity, Slate River Resources, LLC, which is located at 1600 Broadway, Suite 900, Denver, Colorado 80202.
7. The Merger Agreement will be furnished by Slate River Resources, LLC, or its authorized representative, free of cost, to any member of, or any person holding an interest in, any entity to be merged pursuant hereto.

**IN WITNESS WHEREOF**, Slate River Resources, LLC, the surviving entity, has caused this Certificate of Merger to be executed by an authorized officer as of the date first written above.

**SLATE RIVER RESOURCES, LLC**

By:



Carter G. Mathies  
Chief Executive Officer

**SLATE RIVER HOLDINGS, LLC  
UNANIMOUS WRITTEN CONSENT OF  
THE BOARD OF DIRECTORS  
IN LIEU OF A SPECIAL MEETING**

The undersigned, being all of the Members of the Board of Directors of Slate River Holdings, LLC, a Delaware limited liability company (the "Company"), hereby adopt, by unanimous written consent, in accordance with the Delaware Limited Liability Company Act, the following resolutions with the same force and effect as if they had been adopted at a duly convened meeting of the Board:

**WHEREAS**, the Company previously acquired all of the outstanding equity and ownership interests in Crescendo Resources, LLC ("Crescendo Resources"); and

**WHEREAS**, thereafter, the Company consolidated all of the wholly-owned subsidiaries of Crescendo Resources, namely, Crescendo Energy, LLC ("Crescendo Energy") and Entrada Energy Ventures, LLC ("Entrada") (collectively, Crescendo Resources, Crescendo Energy and Entrada are referred to herein as the "Crescendo Entities") into Crescendo Energy; and

**WHEREAS**, the material assets and operations of all of the Crescendo Entities are held by Crescendo Energy; and

**WHEREAS**, Slate River Resources, LLC ("Slate River Resources"), a wholly-owned subsidiary of the Company, is intended to be the operating entity for all of the Company's business activities; and

**WHEREAS**, the Company has determined that it is in the Company's best interest to operate all of its business activities as a single entity and therefore to merge Crescendo Energy into Slate River Resources, with Slate River Resources being the surviving entity.

**NOW, THEREFORE, BE IT:**

**RESOLVED**, that the Company hereby is authorized to direct its legal counsel to effectuate the merger of the Crescendo Energy into Slate River Resources, with Slate River Resources as the surviving entity, to be effective on October 31, 2005; and be it further

**RESOLVED**, that the Company, and any Authorized Officer (as defined below) on behalf of the Company, hereby is authorized to undertake and perform all other acts, transactions or agreements that are necessary, appropriate, desirable or contemplated by the foregoing Resolutions; and be it further

**RESOLVED**, that all of the acts, transactions, or agreements taken in connection with the foregoing Resolutions hereby are ratified and approved in all respects, and the chief executive officer, chief operating officer, chief financial officer, president, vice president and secretary of the Company, as applicable, (collectively, the "*Authorized Officers*" and each individually, an "*Authorized Officer*") hereby are severally authorized and directed, in the name and on behalf of the Company to negotiate, execute and deliver such instruments, documents, agreements and writings of every kind and character, together with such changes, modifications, additions and deletions as to any or all of the terms and provisions thereof as the Authorized Officer executing such instruments, documents, agreements and

UNANIMOUS WRITTEN CONSENT OF THE BOARD OF DIRECTORS  
IN LIEU OF A SPECIAL MEETING  
(SLATE RIVER HOLDINGS, LLC)

writings shall deem proper (such execution by such Authorized Officer to be conclusive evidence that such Authorized Officer deems all of the terms and provisions thereof to be proper), and to make such attestations to any signatures of officers of the Company, and to do and perform or cause to be done and performed all such other acts as each Authorized Officer shall from time to time deem necessary, advisable or appropriate in order to consummate the acts, transactions, or agreements contemplated by or described in the foregoing Resolutions; and be it further

**RESOLVED**, that the Authorized Officers hereby are severally authorized to execute on behalf of the Company from time to time, amendments or supplements to any of the documents related to or contemplated by the foregoing Resolutions as the Authorized Officer or Authorized Officers executing and delivering the same may in his, her, or their sole and absolute discretion deem appropriate to carry out the purpose and intent of the foregoing Resolutions (such execution by such Authorized Officer or Authorized Officers to be conclusive evidence that such Authorized Officer or Authorized Officers deems all of the terms and provisions thereof to be proper); and be it further

**RESOLVED**, that all acts, transactions, or agreements undertaken prior to the adoption of these Resolutions by any of the officers or representatives of the Company in connection with the foregoing matters hereby are ratified, confirmed and adopted by the Board; and be it further

**RESOLVED**, that any Authorized Officer hereby is authorized and directed to certify these Resolutions; and be it further

**RESOLVED**, that the Authorized Officers (together with such other officers and employees of the Company under their supervision as any of them shall direct) hereby are severally authorized and directed in the name and on behalf of the Company to do or cause to be done any and all further acts and things that they may from time to time deem necessary, advisable or appropriate to carry out the purpose and intent of the foregoing Resolutions.

[Remainder of Page Intentionally Left Blank]

UNANIMOUS WRITTEN CONSENT OF THE BOARD OF DIRECTORS  
IN LIEU OF A SPECIAL MEETING  
(SLATE RIVER HOLDINGS, LLC)

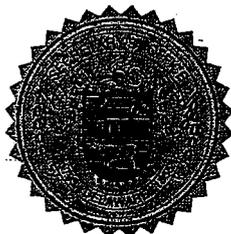
# Delaware

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 FORMATION OF "SLATE RIVER RESOURCES, LLC", FILED IN THIS OFFICE ON THE TWENTY-EIGHTH DAY OF JANUARY, A.D. 2005, AT 9:34 O'CLOCK P.M.

2005 NOV -7 AM 9:50  
DLN - 07 - 050



3919255 8100

050074460

*Harriet Smith Windsor*

Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 3651875

DATE: 01-31-05

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

|                |
|----------------|
| <b>ROUTING</b> |
| 1. DJJ         |
| 2. CDW         |

**X - Change of Operator (Well Sold)**

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

**5/15/2008**

|   |  |
|---|--|
| <b>FROM: (Old Operator):</b><br>N2725-Slate River Resources, LLC<br>1600 Broadway, Suite 900<br>Denver, CO 80202<br><br>Phone: 1 (303) 592-4448 | <b>TO: (New Operator):</b><br>N3505-Augustus Energy Partners, LLC<br>2016 Grand Ave, Suite A<br>Billings MT 59012<br><br>Phone: 1 (406) 294-5990 |
|---|--|

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

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 5/23/2008
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/23/2008
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/4/2008
- a. Is the new operator registered in the State of Utah: \_\_\_\_\_ Business Number: 7012268-0161
- b. If **NO**, the operator was contacted on: \_\_\_\_\_
- a. (R649-9-2) Waste Management Plan has been received on: IN PLACE
- b. Inspections of LA PA state/fee well sites complete on: In Process
- c. Reports current for Production/Disposition & Sundries on: OK
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM not yet BIA
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: not yet
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 5/29/2008
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 5/29/2008
- Bond information entered in RBDMS on: 5/29/2008
- Fee/State wells attached to bond in RBDMS on: 5/29/2008
- Injection Projects to new operator in RBDMS on: n/a
- Receipt of Acceptance of Drilling Procedures for APD/New on: \_\_\_\_\_

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: UTB00317
- Indian well(s) covered by Bond Number: n/a
- a. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB0011628
- b. The **FORMER** operator has requested a release of liability from their bond on: not yet  
The Division sent response by letter on: \_\_\_\_\_

**LEASE INTEREST OWNER NOTIFICATION:**

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

**COMMENTS:**

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:  
**See Attached list**

**SUNDRY NOTICES AND REPORTS ON WELLS**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

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  GAS WELL  OTHER \_\_\_\_\_

8. WELL NAME and NUMBER:

2. NAME OF OPERATOR:  
**Augustus Energy Partners, LLC N3505**

9. API NUMBER:

3. ADDRESS OF OPERATOR:  
2016 Grand Avenue. Ste A CITY Billings STATE MT ZIP 59012

PHONE NUMBER:  
**(406) 294-5990**

10. FIELD AND POOL, OR WILDCAT:

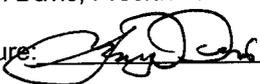
4. LOCATION OF WELL  
FOOTAGES AT SURFACE: COUNTY:  
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: **UTAH**

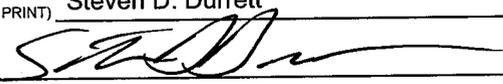
**11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

| TYPE OF SUBMISSION  | TYPE OF ACTION  |   |  |
|---|---|---|--|
| <input type="checkbox"/> NOTICE OF INTENT<br>(Submit in Duplicate)<br>Approximate date work will start:<br>_____          | <input type="checkbox"/> ACIDIZE                        | <input type="checkbox"/> DEEPEN                           | <input type="checkbox"/> REPERFORATE CURRENT FORMATION               |
|   | <input type="checkbox"/> ALTER CASING                   | <input type="checkbox"/> FRACTURE TREAT                   | <input type="checkbox"/> SIDETRACK TO REPAIR WELL                    |
|   | <input type="checkbox"/> CASING REPAIR                  | <input type="checkbox"/> NEW CONSTRUCTION                 | <input type="checkbox"/> TEMPORARILY ABANDON                         |
|   | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS       | <input type="checkbox"/> OPERATOR CHANGE                  | <input type="checkbox"/> TUBING REPAIR                               |
|   | <input type="checkbox"/> CHANGE TUBING                  | <input type="checkbox"/> PLUG AND ABANDON                 | <input type="checkbox"/> VENT OR FLARE                               |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT<br>(Submit Original Form Only)<br>Date of work completion:<br>_____ | <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 checked="" type="checkbox"/> OTHER: <u>Change of Operator</u> |
|   | <input type="checkbox"/> CONVERT WELL TYPE              | <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION |  |

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

Effective 12:01 a.m. May 15, 2008 the Operator of this well will change from:  
  
Slate River Resources, LLC **N2725**  
1600 Broadway, Suite 900  
Denver, CO 80202  
303-592-4448  
  
TO: Augustus Energy Partners, LLC  
2016 Grand Avenue, Suite A  
Billings, MT 59102  
  
BLM Bond # UTB00317 effective 5/13/08 **STATE BOND = RLB 0011638**

Seller: Slate River Resources LLC  
Gary D. Davis, President/CEO  
  
Signature: 

NAME (PLEASE PRINT) Steven D. Durrett TITLE President  
SIGNATURE  DATE 5/15/2008

(This space for State use only)

**APPROVED 5139108**  
*Earlene Russell*  
Earlene Russell, Engineering Technician

**RECEIVED**  
**MAY 23 2008**  
DIV. OF OIL, GAS & MINING

| API Well Number | Well Name                   | Qtr/Qtr | Section | Township-Range |
|-----------------|-----------------------------|---------|---------|----------------|
| 43-019-11089    | FEDERAL GILBERT 1           | SWNE    | 11      | 16S-25E        |
| 43-019-11090    | SAN ARROYO U 35             | SESW    | 24      | 16S-25E        |
| 43-019-15884    | FEDERAL 174 1               | SESW    | 11      | 16S-25E        |
| 43-019-15885    | SAN ARROYO 2                | SENW    | 22      | 16S-25E        |
| 43-019-15886    | SAN ARROYO 3                | SENW    | 23      | 16S-25E        |
| 43-019-15887    | SAN ARROYO 4                | SESW    | 30      | 16S-26E        |
| 43-019-15888    | SAN ARROYO 5                | NWSE    | 25      | 16S-25E        |
| 43-019-15889    | SAN ARROYO 6                | SWNE    | 21      | 16S-25E        |
| 43-019-15890    | SAN ARROYO 8                | SWSW    | 16      | 16S-25E        |
| 43-019-15891    | SAN ARROYO 9                | NWNE    | 27      | 16S-25E        |
| 43-019-15892    | SAN ARROYO 11               | NESW    | 15      | 16S-25E        |
| 43-019-15893    | SAN ARROYO 12               | SWSW    | 23      | 16S-25E        |
| 43-019-15894    | SAN ARROYO 13               | C-SW    | 22      | 16S-25E        |
| 43-019-15896    | SAN ARROYO 16               | SESW    | 26      | 16S-25E        |
| 43-019-15897    | SAN ARROYO 17               | NENE    | 24      | 16S-25E        |
| 43-019-15898    | SAN ARROYO 18               | NWNW    | 30      | 16S-26E        |
| 43-019-15899    | SAN ARROYO 19               | SWSE    | 14      | 16S-25E        |
| 43-019-15900    | SAN ARROYO 20               | SENE    | 26      | 16S-25E        |
| 43-019-15901    | SAN ARROYO 21               | NWSE    | 25      | 16S-25E        |
| 43-019-15902    | SAN ARROYO 22               | NENE    | 15      | 16S-25E        |
| 43-019-15903    | SAN ARROYO 24               | SENW    | 19      | 16S-26E        |
| 43-019-15904    | SAN ARROYO 25               | SWNE    | 21      | 16S-25E        |
| 43-019-15905    | SAN ARROYO 26               | SWSW    | 20      | 16S-26E        |
| 43-019-15906    | SAN ARROYO 27               | NESW    | 29      | 16S-26E        |
| 43-019-15907    | SAN ARROYO 28               | NWNE    | 29      | 16S-26E        |
| 43-019-15908    | SAN ARROYO 29               | NENE    | 22      | 16S-25E        |
| 43-019-15909    | SAN ARROYO 30               | NWSW    | 21      | 16S-26E        |
| 43-019-16532    | SAN ARROYO 1                | SENW    | 26      | 16S-25E        |
| 43-019-30047    | BITTER CREEK 1              | SWSE    | 2       | 16S-25E        |
| 43-019-30240    | ARCO-STATE 2-1              | NESE    | 2       | 16S-24E        |
| 43-019-30241    | ARCO-STATE 2-2              | NWNW    | 2       | 16S-24E        |
| 43-019-30527    | SAN ARROYO 31               | NWNW    | 22      | 16S-25E        |
| 43-019-30528    | SAN ARROYO 32               | SWSW    | 14      | 16S-25E        |
| 43-019-30570    | ARCO 27-1                   | NWSW    | 27      | 16S-25E        |
| 43-019-30608    | SAN ARROYO 33               | SWSW    | 25      | 16S-25E        |
| 43-019-31162    | ARCO STATE 36-7             | SWSE    | 36      | 15.5S-24E      |
| 43-019-31192    | ARCO STATE 36-8             | SWSW    | 36      | 15.5S-24E      |
| 43-019-31250    | SAN ARROYO U 40             | NWNE    | 27      | 16S-25E        |
| 43-019-31251    | SAN ARROYO U 36-A           | SESE    | 19      | 16S-26E        |
| 43-019-31252    | SAN ARROYO U 37             | SWNE    | 20      | 16S-26E        |
| 43-019-31253    | SAN ARROYO U 38             | SWNE    | 16      | 16S-25E        |
| 43-019-31289    | SAN ARROYO U 41             | NENE    | 36      | 16S-25E        |
| 43-019-31290    | SAN ARROYO U 42             | NESE    | 30      | 16S-26E        |
| 43-019-31291    | SAN ARROYO U 43             | NESE    | 29      | 16S-26E        |
| 43-019-31299    | SAN ARROYO 45               | NWSE    | 20      | 16S-26E        |
| 43-019-31301    | SAN ARROYO 44               | SENE    | 30      | 16S-26E        |
| 43-019-31316    | SAN ARROYO 49               | NENW    | 29      | 16S-26E        |
| 43-019-31318    | FEDERAL 47                  | NWNE    | 31      | 16S-26E        |
| 43-047-30765    | BLACK HORSE CANYON FED 31-1 | NWSW    | 31      | 15S-24E        |

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DIV. OF OIL, GAS & MINING

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET (for state use only)**

**ROUTING**  
 CDW

**X - Change of Operator (Well Sold)**

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

**11/11/2013**

|   |  |
|---|--|
| <b>FROM: (Old Operator):</b><br>N3505-Augustus Energy Partners, LLC<br>2016 Garnd Ave, Suite A<br>Billings, MT 59102<br><br>Phone: 1 (406) 294-5990 | <b>TO: ( New Operator):</b><br>N4035-Southwestern Energy Ventures Company, LLC<br>PO Box 1056<br>Bayfield, CO 81122<br><br>Phone: 1 (970) 884-4869 |
|---|--|

**CA No.**                      **Unit:**                      **San Arroyo**

| WELL NAME         | SEC TWN<br>RNG | API NO | ENTITY<br>NO | LEASE<br>TYPE | WELL<br>TYPE | WELL<br>STATUS |
|-------------------|----------------|--------|--------------|---------------|--------------|----------------|
| See Attached List |                |        |              |               |              |                |

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 11/22/2013
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 11/22/2013
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 11/27/2013
- Is the new operator registered in the State of Utah: \_\_\_\_\_ Business Number: 8812939-0161
- (R649-9-2)Waste Management Plan has been received on: N/A
- Inspections of LA PA state/fee well sites complete on: N/A
- Reports current for Production/Disposition & Sundries on: 11/27/2013
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM Not Yet BIA N/A
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: Not Yet
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: Not Yet
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to **Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 12/1/2013
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 12/1/2013
- Bond information entered in RBDMS on: 12/1/2013
- Fee/State wells attached to bond in RBDMS on: 12/1/2013
- Injection Projects to new operator in RBDMS on: N/A
- Receipt of Acceptance of Drilling Procedures for APD/New on: N/A
- Surface Agreement Sundry from **NEW** operator on Fee Surface wells received on: N/A

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: RLB0015347
- Indian well(s) covered by Bond Number: N/A
- (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number RLB0015348
- The **FORMER** operator has requested a release of liability from their bond on: 11/22/2013

**LEASE INTEREST OWNER NOTIFICATION:**

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

**COMMENTS:**

## Augustus Energy Partners, LLC (N3505) to Southwestern Energy Ventures Company, LLC (N4035)

Effective 11/11/2013

## San Arroyo Unit

| Well Name           | Sec | TWN  | RNG  | API Number | Entity | Mineral Lease | Well Type | Well Status |
|---------------------|-----|------|------|------------|--------|---------------|-----------|-------------|
| SAN ARROYO U 35     | 24  | 160S | 250E | 4301911090 | 500    | Federal       | GW        | P           |
| SAN ARROYO 2        | 22  | 160S | 250E | 4301915885 | 505    | Federal       | GW        | S           |
| SAN ARROYO 3        | 23  | 160S | 250E | 4301915886 | 500    | Federal       | GW        | P           |
| SAN ARROYO 4        | 30  | 160S | 260E | 4301915887 | 500    | Federal       | GW        | P           |
| SAN ARROYO 5        | 25  | 160S | 250E | 4301915888 | 505    | Federal       | GW        | S           |
| SAN ARROYO 6        | 21  | 160S | 250E | 4301915889 | 505    | Federal       | GW        | S           |
| SAN ARROYO 8        | 16  | 160S | 250E | 4301915890 | 500    | Federal       | GW        | P           |
| SAN ARROYO 9        | 27  | 160S | 250E | 4301915891 | 500    | Federal       | GW        | P           |
| SAN ARROYO 11       | 15  | 160S | 250E | 4301915892 | 500    | Federal       | GW        | S           |
| SAN ARROYO 12       | 23  | 160S | 250E | 4301915893 | 500    | Federal       | GW        | P           |
| SAN ARROYO 13       | 22  | 160S | 250E | 4301915894 | 500    | Federal       | GW        | P           |
| SAN ARROYO 16       | 26  | 160S | 250E | 4301915896 | 500    | Federal       | GW        | P           |
| SAN ARROYO 17       | 24  | 160S | 250E | 4301915897 | 500    | Federal       | GW        | P           |
| SAN ARROYO 18       | 30  | 160S | 260E | 4301915898 | 500    | Federal       | GW        | P           |
| SAN ARROYO 19       | 14  | 160S | 250E | 4301915899 | 500    | Federal       | GW        | P           |
| SAN ARROYO 20       | 26  | 160S | 250E | 4301915900 | 500    | Federal       | GW        | P           |
| SAN ARROYO 21       | 25  | 160S | 250E | 4301915901 | 500    | Federal       | GW        | P           |
| SAN ARROYO 22       | 15  | 160S | 250E | 4301915902 | 500    | Federal       | GW        | P           |
| SAN ARROYO 24       | 19  | 160S | 260E | 4301915903 | 500    | Federal       | GW        | P           |
| SAN ARROYO 25       | 21  | 160S | 250E | 4301915904 | 500    | Federal       | GW        | P           |
| SAN ARROYO 26       | 20  | 160S | 260E | 4301915905 | 500    | Federal       | GW        | P           |
| SAN ARROYO 27       | 29  | 160S | 260E | 4301915906 | 500    | Federal       | GW        | P           |
| SAN ARROYO 28       | 29  | 160S | 260E | 4301915907 | 500    | Federal       | GW        | P           |
| SAN ARROYO 29       | 22  | 160S | 250E | 4301915908 | 500    | Federal       | GW        | P           |
| SAN ARROYO 30       | 21  | 160S | 260E | 4301915909 | 500    | Federal       | GW        | P           |
| SAN ARROYO 1        | 26  | 160S | 250E | 4301916532 | 505    | Federal       | GW        | S           |
| SAN ARROYO 31       | 22  | 160S | 250E | 4301930527 | 500    | Federal       | GW        | S           |
| SAN ARROYO 32       | 14  | 160S | 250E | 4301930528 | 500    | Federal       | GW        | S           |
| SAN ARROYO 33       | 25  | 160S | 250E | 4301930608 | 500    | Federal       | GW        | P           |
| SAN ARROYO U 36-A   | 19  | 160S | 260E | 4301931251 | 500    | Federal       | GW        | P           |
| SAN ARROYO U 37     | 20  | 160S | 260E | 4301931252 | 500    | Federal       | GW        | P           |
| SAN ARROYO U 38     | 16  | 160S | 250E | 4301931253 | 500    | State         | GW        | P           |
| SAN ARROYO U 41     | 36  | 160S | 250E | 4301931289 | 500    | State         | GW        | P           |
| SAN ARROYO U 42     | 30  | 160S | 260E | 4301931290 | 500    | Federal       | GW        | P           |
| SAN ARROYO U 43     | 29  | 160S | 260E | 4301931291 | 500    | Federal       | GW        | S           |
| SAN ARROYO 45       | 20  | 160S | 260E | 4301931299 | 500    | Federal       | GW        | P           |
| SAN ARROYO 44       | 30  | 160S | 260E | 4301931301 | 500    | Federal       | GW        | S           |
| SAN ARROYO 49       | 29  | 160S | 260E | 4301931316 | 500    | Federal       | GW        | P           |
| FEDERAL 47          | 31  | 160S | 260E | 4301931318 | 500    | Federal       | GW        | P           |
| SAN ARROYO 1625-22O | 22  | 160S | 250E | 4301931580 | 505    | Federal       | GW        | S           |

# BEATTY & WOZNIAK, P.C.

ATTORNEYS AT LAW

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CASPER

CHEYENNE

DENVER

SALT LAKE CITY

SANTA FE

JENNIFER STOLDT

PHONE: (303) 407-4499

E-MAIL: JSTOLDT@BWENERGYLAW.COM

November 21, 2013

VIA FEDERAL EXPRESS

Utah Division of Oil, Gas and Mining  
Attn: Rachel Medina  
1594 West North Temple, Suite 1210  
Salt Lake City, UT 84116

RECEIVED  
NOV 22 2013  
DIV. OF OIL, GAS & MINING

Re: Sundry Notices and Reports on Wells – Change of Operator (Form 9)  
Our File No.: 9517.0001

Dear Ms. Madina:

Enclosed for notice and filing please find an original and three (3) copies of the Sundry Notices and Reports on Wells, list of wells, and copies of BLM Bond No. RLB0015347 and Utah State Bond No. RLB0015348.

If you have any questions regarding the enclosed documents, please call me directly at 303-407-4459. Thank you for your assistance in this matter.

Very truly yours,

BEATTY & WOZNIAK, P.C.



Jennifer Stoldt

Enclosures  
00292177.DOCX

Energy in the Law®

Operating in Wyoming as Beatty, Wozniak & Reese

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

FORM 9

|  |  |   |
|--|--|---|
| <b>SUNDRY NOTICES AND REPORTS ON WELLS</b>   |  | 5. LEASE DESIGNATION AND SERIAL NUMBER:<br><b>See Attached List</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. |  | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME:                               |
| 1. TYPE OF WELL<br>OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____  |  | 7. UNIT or CA AGREEMENT NAME:<br><b>See Attached List</b>           |
| 2. NAME OF OPERATOR:<br><b>Augustus Energy Partners, LLC</b> <i>N3505</i>  |  | 8. WELL NAME and NUMBER:<br><b>See Attached List</b>                |
| 3. ADDRESS OF OPERATOR:<br>2016 Grand Ave. Ste A <small>CITY</small> <b>Billings</b> <small>STATE</small> <b>MT</b> <small>ZIP</small> <b>59102</b>  |  | 9. API NUMBER:<br><b>See Attach</b>                                 |
| PHONE NUMBER:<br><b>(406) 294-5990</b>   |  | 10. FIELD AND POOL, OR WILDCAT:<br><b>See Attached List</b>         |
| 4. LOCATION OF WELL<br>FOOTAGES AT SURFACE: _____  |  | COUNTY: <b>See Attached List</b>                                    |
| QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____   |  | STATE: <b>UTAH</b>  |

| 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA                                      |   |   |  |
|--|---|---|--|
| TYPE OF SUBMISSION   | TYPE OF ACTION  |   |  |
| <input type="checkbox"/> NOTICE OF INTENT<br>(Submit in Duplicate)<br><br>Approximate date work will start:<br>_____ | <input type="checkbox"/> ACIDIZE                        | <input type="checkbox"/> DEEPEN                           | <input type="checkbox"/> REPERFORATE CURRENT FORMATION               |
|  | <input type="checkbox"/> ALTER CASING                   | <input type="checkbox"/> FRACTURE TREAT                   | <input type="checkbox"/> SIDETRACK TO REPAIR WELL                    |
| <input type="checkbox"/> SUBSEQUENT REPORT<br>(Submit Original Form Only)<br><br>Date of work completion:<br>_____   | <input type="checkbox"/> CASING REPAIR                  | <input type="checkbox"/> NEW CONSTRUCTION                 | <input type="checkbox"/> TEMPORARILY ABANDON                         |
|  | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS       | <input 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 checked="" type="checkbox"/> OTHER: <u>Change of Operator</u> |
|  | <input type="checkbox"/> CONVERT WELL TYPE              | <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION | <u>Effective 11/11/13</u>  |

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

Southwestern Energy Ventures Company, LLC will become operator of the wells per the attached list effective 11/11/2013.  
Attn: Ezra Lee  
P. O. Box 1056  
Bayfield, CO 81122  
970-884-4869  
ezra@crossfire-llc.com

Bond Coverage for operations conducted on these wells is being provided by Southwestern Energy Ventures Company, LLC in the form of a \$ 120,000 statewide Bond.

Utah State bond number RLB0015348 Surety number (Letter of credit ) \_\_\_\_\_

BLM Bond Number RLB0015347

NAME (PLEASE PRINT) Ezra Lee TITLE Manager

SIGNATURE [Signature] DATE 11-13-13

NAME (PLEASE PRINT) Duane Zimmerman TITLE VP Operations

SIGNATURE [Signature] DATE 11/11/13 *N3505*

(This space for State use only)  
**APPROVED**

**DEC 01 2013**

(5/2000) DIV. OIL GAS & MINING  
BY: Rachel Medina

*\* San Arroyo U40  
not moved b/c its  
a P+ A Federal well.  
(See Instructions on Reverse Side)*

|    | Current Operator             | API Well Number    | Well Name                   | Lease #    | Unit #    | CA #  | Entity # | Qtr/Qtr | Sec | Twnshp-Rng |
|----|------------------------------|--------------------|-----------------------------|------------|-----------|-------|----------|---------|-----|------------|
| 1  | AUGUSTUS ENERGY PARTNERS LLC | 43-019-11090-00-00 | SAN ARROYO U 35             | 891003589A | UTU63022X |       | 500      | SESW    | 24  | 16S-25E    |
| 2  | AUGUSTUS ENERGY PARTNERS LLC | 43-019-15885-00-00 | SAN ARROYO 2                | 891003598B | UTU63022X |       | 505      | SESW    | 22  | 16S-25E    |
| 3  | AUGUSTUS ENERGY PARTNERS LLC | 43-019-15886-00-00 | SAN ARROYO 3                | 891003589A | UTU63022X |       | 500      | SESW    | 23  | 16S-25E    |
| 4  | AUGUSTUS ENERGY PARTNERS LLC | 43-019-15887-00-00 | SAN ARROYO 4                | 891003589A | UTU63022X |       | 500      | SESW    | 30  | 16S-26E    |
| 5  | AUGUSTUS ENERGY PARTNERS LLC | 43-019-15888-00-00 | SAN ARROYO 5                | 891003598B | UTU63022X |       | 505      | NWSE    | 25  | 16S-25E    |
| 6  | AUGUSTUS ENERGY PARTNERS LLC | 43-019-15889-00-00 | SAN ARROYO 6                | 891003598B | UTU63022X |       | 505      | SWNE    | 21  | 16S-25E    |
| 7  | AUGUSTUS ENERGY PARTNERS LLC | 43-019-15890-00-00 | SAN ARROYO 8                | 891003589A | UTU63022X |       | 500      | SWSW    | 16  | 16S-25E    |
| 8  | AUGUSTUS ENERGY PARTNERS LLC | 43-019-15891-00-00 | SAN ARROYO 9                | 891003589A | UTU63022X |       | 500      | NWNE    | 27  | 16S-25E    |
| 9  | AUGUSTUS ENERGY PARTNERS LLC | 43-019-15892-00-00 | SAN ARROYO 11               | 891003589A | UTU63022X |       | 500      | NESW    | 15  | 16S-25E    |
| 10 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-15893-00-00 | SAN ARROYO 12               | 891003589A | UTU63022X |       | 500      | SWSW    | 23  | 16S-25E    |
| 11 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-15894-00-00 | SAN ARROYO 13               | 891003589A | UTU63022X |       | 500      | C-SW    | 22  | 16S-25E    |
| 12 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-15896-00-00 | SAN ARROYO 16               | 891003589A | UTU63022X |       | 500      | SESW    | 26  | 16S-25E    |
| 13 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-15897-00-00 | SAN ARROYO 17               | 891003589A | UTU63022X |       | 500      | NENE    | 24  | 16S-25E    |
| 14 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-15898-00-00 | SAN ARROYO 18               | 891003589A | UTU63022X |       | 500      | NWNW    | 30  | 16S-26E    |
| 15 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-15899-00-00 | SAN ARROYO 19               | 891003589A | UTU63022X |       | 500      | SWSE    | 14  | 16S-25E    |
| 16 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-15900-00-00 | SAN ARROYO 20               | 891003589A | UTU63022X |       | 500      | SENE    | 26  | 16S-25E    |
| 17 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-15901-00-00 | SAN ARROYO 21               | 891003589A | UTU63022X |       | 500      | NWSE    | 25  | 16S-25E    |
| 18 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-15902-00-00 | SAN ARROYO 22               | 891003589A | UTU63022X |       | 500      | NENE    | 15  | 16S-25E    |
| 19 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-15903-00-00 | SAN ARROYO 24               | 891003589A | UTU63022X |       | 500      | SESW    | 19  | 16S-26E    |
| 20 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-15904-00-00 | SAN ARROYO 25               | 891003589A | UTU63022X |       | 500      | SWNE    | 21  | 16S-25E    |
| 21 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-15905-00-00 | SAN ARROYO 26               | 891003589A | UTU63022X |       | 500      | SWSW    | 20  | 16S-26E    |
| 22 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-15906-00-00 | SAN ARROYO 27               | 891003589A | UTU63022X |       | 500      | NESW    | 29  | 16S-26E    |
| 23 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-15907-00-00 | SAN ARROYO 28               | 891003589A | UTU63022X |       | 500      | NWNE    | 29  | 16S-26E    |
| 24 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-15908-00-00 | SAN ARROYO 29               | 891003589A | UTU63022X |       | 500      | NENE    | 22  | 16S-25E    |
| 25 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-15909-00-00 | SAN ARROYO 30               | 891003589A | UTU63022X |       | 500      | NWSW    | 21  | 16S-26E    |
| 26 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-16532-00-00 | SAN ARROYO 1                | 891003598B | UTU63022X |       | 505      | SESW    | 26  | 16S-25E    |
| 27 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-30527-00-00 | SAN ARROYO 31               | 891003589A | UTU63022X |       | 500      | NWNW    | 22  | 16S-25E    |
| 28 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-30528-00-00 | SAN ARROYO 32               | 891003589A | UTU63022X |       | 500      | SWSW    | 14  | 16S-25E    |
| 29 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-30608-00-00 | SAN ARROYO 33               | 891003589A | UTU63022X |       | 500      | SWSW    | 25  | 16S-25E    |
| 30 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-31251-00-00 | SAN ARROYO U 36-A           | 891003589A | UTU63022X |       | 500      | SESE    | 19  | 16S-26E    |
| 31 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-31252-00-00 | SAN ARROYO U 37             | 891003589A | UTU63022X |       | 500      | SWNE    | 20  | 16S-26E    |
| 32 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-31253-00-00 | SAN ARROYO U 38             | 891003589A | UTU63022X |       | 500      | SWNE    | 16  | 16S-25E    |
| 33 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-31289-00-00 | SAN ARROYO U 41             | 891003589A | UTU63022X |       | 500      | NENE    | 36  | 16S-25E    |
| 34 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-31290-00-00 | SAN ARROYO U 42             | 891003589A | UTU63022X |       | 500      | NESE    | 30  | 16S-26E    |
| 35 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-31291-00-00 | SAN ARROYO U 43             | 891003589A | UTU63022X |       | 500      | NESE    | 29  | 16S-26E    |
| 36 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-31299-00-00 | SAN ARROYO 45               | 891003589A | UTU63022X |       | 500      | NWSE    | 20  | 16S-26E    |
| 37 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-31301-00-00 | SAN ARROYO 44               | 891003589A | UTU63022X |       | 500      | SENE    | 30  | 16S-26E    |
| 38 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-31316-00-00 | SAN ARROYO 49               | 891003589A | UTU63022X |       | 500      | NENW    | 29  | 16S-26E    |
| 39 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-31580-00-00 | SAN ARROYO 1625-220         | 891003598B | UTU63022X |       | 505      | SWSE    | 22  | 16S-25E    |
| 40 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-31250-00-00 | SAN ARROYO U 40             | 891003598B | UTU63022X |       | 505      | NWNE    | 27  | 16S-25E    |
| 41 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-31318-00-00 | FEDERAL 47                  | 891003589A | UTU63022X |       | 500      | NWNE    | 31  | 16S-26E    |
| 44 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-15884-00-00 | FEDERAL 174 1               | UTU126528  |           | NW115 | 8340     | SESW    | 11  | 16S-25E    |
| 42 | AUGUSTUS ENERGY PARTNERS LLC | 43-047-30765-00-00 | BLACK HORSE CANYON FED 31-1 | UTU14234   |           |       | 8345     | NWSW    | 31  | 15S-24E    |
| 43 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-11089-00-00 | FEDERAL GILBERT 1           | UTU0125628 |           |       | 8341     | SWNE    | 11  | 16S-25E    |

|    | Current Operator             | API Well Number    | Well Name       | Lease #  | Unit # | CA # | Entity # | Qtr/Qtr | Sec | TwnsHP-Rng |
|----|------------------------------|--------------------|-----------------|----------|--------|------|----------|---------|-----|------------|
| 45 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-30570-00-00 | ARCO 27-1       | UTU29645 |        |      | 11595    | NWSW    | 27  | 16S-25E    |
| 46 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-30047-00-00 | BITTER CREEK 1  |          |        |      | 515      | SWSE    | 2   | 16S-25E    |
| 47 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-30240-00-00 | ARCO-STATE 2-1  |          |        |      | 520      | NESE    | 2   | 16S-24E    |
| 48 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-30241-00-00 | ARCO-STATE 2-2  |          |        |      | 520      | NWNW    | 2   | 16S-24E    |
| 49 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-31162-00-00 | ARCO STATE 36-7 |          |        |      | 9710     | SWSE    | 36  | 15.5S-24E  |
| 50 | AUGUSTUS ENERGY PARTNERS LLC | 43-019-31192-00-00 | ARCO STATE 36-8 |          |        |      | 9710     | SWSW    | 36  | 15.5S-24E  |

Division of Oil, Gas and Mining  
 Operator Change/Name Change Worksheet-for State use only

Effective Date: 11/1/2014

| FORMER OPERATOR:  | NEW OPERATOR:  |
|---|--|
| Southwestern Energy Ventures Company, LLC N4035<br>2154 W Eisenhower Blvd<br>Loveland, CO 80537<br>970-669-7411 | SWEVCO-SABW, LLC N4155<br>2154 W Eisenhower Blvd<br>Loveland, CO 80537<br>970-669-7411 |
| CA Number(s):   | San Arroyo   |

**WELL INFORMATION:**

| Well Name         | Sec | TWN | RNG | API | Entity | Mineral | Surface | Type | Status |
|-------------------|-----|-----|-----|-----|--------|---------|---------|------|--------|
| See Attached List |     |     |     |     |        |         |         |      |        |

**OPERATOR CHANGES DOCUMENTATION:**

- Sundry or legal documentation was received from the **FORMER** operator on: 10/21/2014
- Sundry or legal documentation was received from the **NEW** operator on: 10/21/2014
- New operator Division of Corporations Business Number: 8820416-0161

**REVIEW:**

- Surface Agreement Sundry from **NEW** operator on Fee Surface wells received on: N/A
- Receipt of Acceptance of Drilling Procedures for APD/New on: N/A
- Reports current for Production/Disposition & Sundries: 10/27/2014
- OPS/SI/TA well(s) reviewed for full cost bonding: 10/27/2014
- UIC5 on all disposal/injection/storage well(s) approved on: N/A
- Surface Facility(s) included in operator change: None
- Inspections of PA state/fee well sites complete on (only upon operators request): N/A

**NEW OPERATOR BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: RLB0015753
- Indian well(s) covered by Bond Number: RLB0015753
- State/fee well(s) covered by Bond Number(s): RLB0015799

**DATA ENTRY:**

- Well(s) update in the **OGIS** on: 11/3/2014
- Entity Number(s) updated in **OGIS** on: 11/3/2014
- Unit(s) operator number update in **OGIS** on: 11/3/2014
- Surface Facilities update in **OGIS** on: N/A
- State/Fee well(s) attached to bond(s) in **RBDMS** on: 11/3/2014
- Surface Facilities update in **RBDMS** on: N/A

**LEASE INTEREST OWNER NOTIFICATION:**

- The **NEW** operator of the Fee (Mineral) wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 11/3/2014

**COMMENTS:**

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## Southwestern Energy Ventures Company, LLC to SWEVCO-SABW, LLC

Effective November 1, 2014

| Well Name                   | Sec | TWN  | RNG  | API Number | Entity | Mineral | Surface | Type | Status | Unit       |
|-----------------------------|-----|------|------|------------|--------|---------|---------|------|--------|------------|
| ARCO 27-1                   | 27  | 160S | 250E | 4301930570 | 11595  | Federal | Federal | GW   | P      |            |
| BLACK HORSE CANYON FED 31-1 | 31  | 150S | 240E | 4304730765 | 8345   | Federal | Federal | GW   | P      |            |
| FEDERAL 174 1               | 11  | 160S | 250E | 4301915884 | 8340   | Federal | Federal | GW   | P      |            |
| FEDERAL GILBERT 1           | 11  | 160S | 250E | 4301911089 | 8341   | Federal | Federal | GW   | P      |            |
| ARCO STATE 36-7             | 36  | 155S | 240E | 4301931162 | 9710   | State   | State   | GW   | P      |            |
| ARCO-STATE 2-1              | 2   | 160S | 240E | 4301930240 | 520    | State   | State   | GW   | P      |            |
| ARCO-STATE 2-2              | 2   | 160S | 240E | 4301930241 | 520    | State   | State   | GW   | P      |            |
| BITTER CREEK 1              | 2   | 160S | 250E | 4301930047 | 515    | State   | State   | GW   | P      |            |
| BAR X UNIT 11               | 18  | 170S | 260E | 4301930592 | 19413  | Federal | Federal | GW   | S      |            |
| BAR X UNIT 25               | 12  | 170S | 250E | 4301931371 | 19414  | Federal | Federal | GW   | S      |            |
| BAR X UNIT 4                | 18  | 170S | 260E | 4301915023 | 19412  | Federal | Federal | GW   | S      |            |
| ARCO STATE 36-8             | 36  | 155S | 240E | 4301931192 | 9710   | State   | State   | GW   | S      |            |
| FEDERAL 47                  | 31  | 160S | 260E | 4301931318 | 500    | Federal | Federal | GW   | P      | SAN ARROYO |
| SAN ARROYO 12               | 23  | 160S | 250E | 4301915893 | 500    | Federal | Federal | GW   | P      | SAN ARROYO |
| SAN ARROYO 13               | 22  | 160S | 250E | 4301915894 | 500    | Federal | Federal | GW   | P      | SAN ARROYO |
| SAN ARROYO 16               | 26  | 160S | 250E | 4301915896 | 500    | Federal | Federal | GW   | P      | SAN ARROYO |
| SAN ARROYO 17               | 24  | 160S | 250E | 4301915897 | 500    | Federal | Federal | GW   | P      | SAN ARROYO |
| SAN ARROYO 18               | 30  | 160S | 260E | 4301915898 | 500    | Federal | Federal | GW   | P      | SAN ARROYO |
| SAN ARROYO 19               | 14  | 160S | 250E | 4301915899 | 500    | Federal | Federal | GW   | P      | SAN ARROYO |
| SAN ARROYO 20               | 26  | 160S | 250E | 4301915900 | 500    | Federal | Federal | GW   | P      | SAN ARROYO |
| SAN ARROYO 21               | 25  | 160S | 250E | 4301915901 | 500    | Federal | Federal | GW   | P      | SAN ARROYO |
| SAN ARROYO 22               | 15  | 160S | 250E | 4301915902 | 500    | Federal | Federal | GW   | P      | SAN ARROYO |
| SAN ARROYO 24               | 19  | 160S | 260E | 4301915903 | 500    | Federal | Federal | GW   | P      | SAN ARROYO |
| SAN ARROYO 25               | 21  | 160S | 250E | 4301915904 | 500    | Federal | Federal | GW   | P      | SAN ARROYO |
| SAN ARROYO 26               | 20  | 160S | 260E | 4301915905 | 500    | Federal | Federal | GW   | P      | SAN ARROYO |
| SAN ARROYO 27               | 29  | 160S | 260E | 4301915906 | 500    | Federal | Federal | GW   | P      | SAN ARROYO |
| SAN ARROYO 28               | 29  | 160S | 260E | 4301915907 | 500    | Federal | Federal | GW   | P      | SAN ARROYO |
| SAN ARROYO 3                | 23  | 160S | 250E | 4301915886 | 500    | Federal | Federal | GW   | P      | SAN ARROYO |
| SAN ARROYO 30               | 21  | 160S | 260E | 4301915909 | 500    | Federal | Federal | GW   | P      | SAN ARROYO |
| SAN ARROYO 33               | 25  | 160S | 250E | 4301930608 | 500    | Federal | Federal | GW   | P      | SAN ARROYO |
| SAN ARROYO 4                | 30  | 160S | 260E | 4301915887 | 500    | Federal | Federal | GW   | P      | SAN ARROYO |
| SAN ARROYO 44               | 30  | 160S | 260E | 4301931301 | 500    | Federal | Federal | GW   | P      | SAN ARROYO |
| SAN ARROYO 45               | 20  | 160S | 260E | 4301931299 | 500    | Federal | Federal | GW   | P      | SAN ARROYO |
| SAN ARROYO 49               | 29  | 160S | 260E | 4301931316 | 500    | Federal | Federal | GW   | P      | SAN ARROYO |
| SAN ARROYO 9                | 27  | 160S | 250E | 4301915891 | 500    | Federal | Federal | GW   | P      | SAN ARROYO |
| SAN ARROYO U 35             | 24  | 160S | 250E | 4301911090 | 500    | Federal | Federal | GW   | P      | SAN ARROYO |
| SAN ARROYO U 36-A           | 19  | 160S | 260E | 4301931251 | 500    | Federal | Federal | GW   | P      | SAN ARROYO |
| SAN ARROYO U 37             | 20  | 160S | 260E | 4301931252 | 500    | Federal | Federal | GW   | P      | SAN ARROYO |
| SAN ARROYO U 42             | 30  | 160S | 260E | 4301931290 | 500    | Federal | Federal | GW   | P      | SAN ARROYO |
| SAN ARROYO U 43             | 29  | 160S | 260E | 4301931291 | 500    | Federal | Federal | GW   | P      | SAN ARROYO |
| SAN ARROYO 8                | 16  | 160S | 250E | 4301915890 | 500    | Federal | State   | GW   | P      | SAN ARROYO |
| SAN ARROYO U 38             | 16  | 160S | 250E | 4301931253 | 500    | State   | State   | GW   | P      | SAN ARROYO |
| SAN ARROYO U 41             | 36  | 160S | 250E | 4301931289 | 500    | State   | Fee     | GW   | P      | SAN ARROYO |
| SAN ARROYO 1                | 26  | 160S | 250E | 4301916532 | 505    | Federal | Federal | GW   | S      | SAN ARROYO |
| SAN ARROYO 11               | 15  | 160S | 250E | 4301915892 | 500    | Federal | Federal | GW   | S      | SAN ARROYO |
| SAN ARROYO 1625-220         | 22  | 160S | 250E | 4301931580 | 505    | Federal | Federal | GW   | S      | SAN ARROYO |
| SAN ARROYO 2                | 22  | 160S | 250E | 4301915885 | 505    | Federal | Federal | GW   | S      | SAN ARROYO |
| SAN ARROYO 29               | 22  | 160S | 250E | 4301915908 | 500    | Federal | Federal | GW   | S      | SAN ARROYO |
| SAN ARROYO 31               | 22  | 160S | 250E | 4301930527 | 500    | Federal | Federal | GW   | S      | SAN ARROYO |
| SAN ARROYO 32               | 14  | 160S | 250E | 4301930528 | 500    | Federal | Federal | GW   | S      | SAN ARROYO |
| SAN ARROYO 5                | 25  | 160S | 250E | 4301915888 | 505    | Federal | Federal | GW   | S      | SAN ARROYO |
| SAN ARROYO 6                | 21  | 160S | 250E | 4301915889 | 505    | Federal | Federal | GW   | S      | SAN ARROYO |

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

FORM 9

|  |  |  |
|--|--|--|
| <b>SUNDRY NOTICES AND REPORTS ON WELLS</b>   |  | 5. LEASE DESIGNATION AND SERIAL NUMBER:<br><b>See Attached</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. |  | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME:                          |
| 1. TYPE OF WELL<br>OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____  |  | 7. UNIT or CA AGREEMENT NAME:<br><b>See Attached</b>           |
| 2. NAME OF OPERATOR:<br><b>SOUTHWESTERN ENERGY VENTURES COMPANY, LLC Operator #N4035</b>   |  | 8. WELL NAME and NUMBER:<br><b>See Attached</b>                |
| 3. ADDRESS OF OPERATOR:<br>2154 W. Eisenhower Blvd. CITY Loveland STATE CO ZIP 80537   |  | 9. API NUMBER:<br><b>Attached</b>                              |
| 4. LOCATION OF WELL<br>FOOTAGES AT SURFACE: <b>See Attached</b>  |  | 10. FIELD AND POOL, OR WILDCAT:                                |
| QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:   |  | COUNTY: <b>See Attached</b>                                    |
|  |  | 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<br>(Submit in Duplicate)<br><br>Approximate date work will start:<br>_____<br><br><input type="checkbox"/> SUBSEQUENT REPORT<br>(Submit Original Form Only)<br><br>Date of work completion:<br>_____ | <input type="checkbox"/> ACIDIZE                        | <input type="checkbox"/> DEEPEN                           | <input type="checkbox"/> REPERFORATE CURRENT FORMATION |
|  | <input type="checkbox"/> ALTER CASING                   | <input type="checkbox"/> FRACTURE TREAT                   | <input type="checkbox"/> SIDETRACK TO REPAIR WELL      |
|  | <input type="checkbox"/> CASING REPAIR                  | <input type="checkbox"/> NEW CONSTRUCTION                 | <input type="checkbox"/> TEMPORARILY ABANDON           |
|  | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS       | <input checked="" type="checkbox"/> OPERATOR CHANGE       | <input type="checkbox"/> TUBING REPAIR                 |
|  | <input type="checkbox"/> CHANGE TUBING                  | <input type="checkbox"/> PLUG AND ABANDON                 | <input type="checkbox"/> VENT OR FLARE                 |
|  | <input 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.

Please see attached list of wells, transferring operations to new operator SWEVCO-SABW, LLC #N4155

|                                     |  |
|-------------------------------------|--|
| NAME (PLEASE PRINT) <u>Ezra Lee</u> | TITLE <u>President, Southwestern Energy Ventures Comp.</u> |
| SIGNATURE                           | DATE <u>10-16-14</u>                                       |

(This space for State use only)

**APPROVED**

**NOV 03 2014**

DIV. OIL GAS & MINING (See Instructions on Reverse Side)

BY: Rachel Medina

**RECEIVED**  
**OCT 21 2014**

DIV. OF OIL, GAS & MINING

| UTAH                    |                             |             |             |           |           |            |    |            |                   |                   |               |              |        |         |         |                |         |         |          |           |          |            |        |        |       |
|-------------------------|-----------------------------|-------------|-------------|-----------|-----------|------------|----|------------|-------------------|-------------------|---------------|--------------|--------|---------|---------|----------------|---------|---------|----------|-----------|----------|------------|--------|--------|-------|
| API Well Number         | Well Name                   | Operator    | Well Status | Well Type | WI        | NRI        | RI | OR         | Field Name/Unit # | Surface Ownership | Mineral Lease | Lease Number | County | Qtr/Qtr | Section | Township-Range | FNL/FSL | FEL/FWL | Latitude | Longitude | Elev. GR | TD         | Unit # | PUMPER |       |
| <b>OPERATED</b>         |                             |             |             |           |           |            |    |            |                   |                   |               |              |        |         |         |                |         |         |          |           |          |            |        |        |       |
| <b>Outside the Unit</b> |                             |             |             |           |           |            |    |            |                   |                   |               |              |        |         |         |                |         |         |          |           |          |            |        |        |       |
| 43-019-30570            | ARCO STATE 27-1             | SWEVCO-SABW | Producing   | Gas Well  | 1.0000000 | 0.87500000 | -  | -          | SAN ARROYO        | Federal           | Federal       | U-29645      | GRAND  | NWSW    | 27      | 16S-25E        | 1787    | S       | 1200     | W         | 39.3846  | -109.14821 | 6740   | 5700   | Chris |
| 43-019-31162            | ARCO STATE 36-7             | SWEVCO-SABW | Producing   | Gas Well  | 1.0000000 | 0.87500000 | -  | -          | EAST CANYON       | State             | State         | ML-22208     | GRAND  | SWSE    | 36      | 15.5S-24E      | 540     | S       | 1550     | E         | 39.45341 | -109.21341 | 8319   | 7945   | Chris |
| 43-019-31192            | ARCO STATE 36-8             | SWEVCO-SABW | Producing   | Gas Well  | 1.0000000 | 0.87500000 | -  | -          | EAST CANYON       | State             | State         | ML-22208     | GRAND  | SWSW    | 36      | 15.5S-24E      | 945     | S       | 850      | W         | 39.54688 | -109.22361 | 7789   | 7490   | Chris |
| 43-019-30240            | ARCO STATE 2-1              | SWEVCO-SABW | Producing   | Gas Well  | 1.0000000 | 0.87500000 | -  | -          | EAST CANYON       | State             | State         | ML-22208     | GRAND  | NESE    | 2       | 16S-24E        | 2194    | S       | 991      | E         | 39.44346 | -109.23015 | 8443   | 7600   | Chris |
| 43-019-30241            | ARCO STATE 2-2              | SWEVCO-SABW | Producing   | Gas Well  | 1.0000000 | 0.87500000 | -  | -          | EAST CANYON       | State             | State         | ML-22208     | GRAND  | NWNW    | 2       | 16S-24E        | 769     | N       | 857      | W         | 39.44995 | -109.24212 | 7886   | 7250   | Chris |
| 43-019-30047            | BITTER CREEK 1              | SWEVCO-SABW | Producing   | Gas Well  | 1.0000000 | 0.87500000 | -  | -          | SAN ARROYO        | State             | State         | ML-25151     | GRAND  | SWSE    | 2       | 16S-25E        | 395     | S       | 2530     | E         | 39.4387  | -109.12413 | 7375   | 6658   | Chris |
| 43-047-30765            | BLACK HORSE CANYON FED 31-1 | SWEVCO-SABW | Producing   | Gas Well  | 1.0000000 | 0.84500000 | -  | -          | BLACK HORSE CYN   | Federal           | Federal       | U-14234      | UINTAH | NWSW    | 31      | 15S-24E        | 1820    | S       | 500      | W         | 39.46736 | -109.28001 | 8262   | 7910   | Chris |
| 43-019-15884            | FEDERAL 174 1               | SWEVCO-SABW | Producing   | Gas Well  | 1.0000000 | 0.84875000 | -  | -          | SAN ARROYO        | Federal           | Federal       | U-0126528    | GRAND  | SESW    | 11      | 16S-25E        | 1285    | S       | 2090     | W         | 39.42669 | -109.1264  | 6577   | 5299   | Chris |
| 43-019-11089            | FEDERAL GILBERT 1           | SWEVCO-SABW | Producing   | Gas Well  | 1.0000000 | 0.84500000 | -  | -          | SAN ARROYO        | Federal           | Federal       | U-0126528    | GRAND  | SWNE    | 11      | 16S-25E        | 1700    | N       | 1830     | E         | 39.4329  | -109.12144 | 7001   | 6200   | Chris |
| 43-019-15023            | BAR X UNIT 4                | SWEVCO-SABW | Producing   | Gas Well  |           |            |    |            | BAR X             | Federal           | Federal       | UTSL064807   | GRAND  | NENE    | 18      | 17S-26E        | 660     | N       | 660      | E         | 39.33379 | -109.07281 | 5146   | 3599   | Chris |
| 43-019-30592            | BAR X UNIT 11               | SWEVCO-SABW | Producing   | Gas Well  |           |            |    |            | BAR X             | Federal           | Federal       | UTSL064807   | GRAND  | NWNW    | 18      | 17S-26E        | 1319    | N       | 1285     | W         | 39.33203 | -109.08486 | 5200   | 3466   | Chris |
| 43-019-31371            | BAR X UNIT 25               | SWEVCO-SABW | Producing   | Gas Well  |           |            |    |            | BAR X             | Federal           | Federal       | UTSL064806   | GRAND  | NWSE    | 12      | 17S-25E        | 1384    | S       | 2165     | E         | 39.33965 | -109.09684 | 5273   | 3742   | Chris |
| <b>San Arroyo Unit</b>  |                             |             |             |           |           |            |    |            |                   |                   |               |              |        |         |         |                |         |         |          |           |          |            |        |        |       |
| 43-019-16532            | SAN ARROYO 1                | SWEVCO-SABW | Shut-In     | Gas Well  | 1.0000000 | 0.82500000 | -  | 0.00027708 | SAN ARROYO        | Federal           | Federal       | U-071307     | GRAND  | SESW    | 26      | 16S-25E        | 1712    | N       | 2566     | W         | 39.38943 | -109.12453 | 6033   | 5065   | Chris |
| 43-019-15892            | SAN ARROYO 11               | SWEVCO-SABW | Shut-In     | Gas Well  | 0.9717655 | 0.80116538 | -  | 0.00252986 | SAN ARROYO        | Federal           | Federal       | U-05059C     | GRAND  | SESW    | 15      | 16S-25E        | 1760    | S       | 1990     | W         | 39.41349 | -109.14544 | 7524   | 6367   | Chris |
| 43-019-15893            | SAN ARROYO 12               | SWEVCO-SABW | Producing   | Gas Well  | 0.9717655 | 0.80116538 | -  | 0.00252986 | SAN ARROYO        | Federal           | Federal       | U-071307     | GRAND  | SWSW    | 23      | 16S-25E        | 1140    | S       | 1220     | W         | 39.39734 | -109.12949 | 6507   | 4731   | Chris |
| 43-019-15894            | SAN ARROYO 13               | SWEVCO-SABW | Producing   | Gas Well  | 0.9717655 | 0.80116538 | -  | 0.00252986 | SAN ARROYO        | Federal           | Federal       | U-0370A      | GRAND  | C-SW    | 22      | 16S-25E        | 1320    | S       | 1320     | W         | 39.39783 | -109.14783 | 7592   | 6260   | Chris |
| 43-019-15896            | SAN ARROYO 16               | SWEVCO-SABW | Producing   | Gas Well  | 0.9717655 | 0.80116538 | -  | 0.00252986 | SAN ARROYO        | Federal           | Federal       | U-0369       | GRAND  | SESW    | 26      | 16S-25E        | 1125    | S       | 1790     | W         | 39.38276 | -109.12746 | 5922   | 4884   | Chris |
| 43-019-15897            | SAN ARROYO 17               | SWEVCO-SABW | Producing   | Gas Well  | 0.9717655 | 0.80116538 | -  | 0.00252986 | SAN ARROYO        | Federal           | Federal       | U-25243      | GRAND  | NENE    | 24      | 16S-25E        | 660     | N       | 940      | E         | 39.40676 | -109.09956 | 5983   | 5003   | Chris |
| 43-019-15898            | SAN ARROYO 18               | SWEVCO-SABW | Producing   | Gas Well  | 0.9717655 | 0.80116538 | -  | 0.00252986 | SAN ARROYO        | Federal           | Federal       | U-06023      | GRAND  | NWNW    | 30      | 16S-26E        | 660     | N       | 990      | W         | 39.39241 | -109.09272 | 5778   | 4128   | Chris |
| 43-019-15899            | SAN ARROYO 19               | SWEVCO-SABW | Producing   | Gas Well  | 0.9717655 | 0.80116538 | -  | 0.00252986 | SAN ARROYO        | Federal           | Federal       | U-05011B     | GRAND  | SWSE    | 14      | 16S-25E        | 820     | S       | 1610     | E         | 39.41086 | -109.12089 | 6305   | 5200   | Chris |
| 43-019-15885            | SAN ARROYO 2                | SWEVCO-SABW | Shut-In     | Gas Well  | 1.0000000 | 0.82500000 | -  | 0.00027708 | SAN ARROYO        | Federal           | Federal       | U-0370A      | GRAND  | SESW    | 22      | 16S-25E        | 2420    | N       | 2430     | W         | 39.40199 | -109.14379 | 7752   | 6826   | Chris |
| 43-019-15900            | SAN ARROYO 20               | SWEVCO-SABW | Producing   | Gas Well  | 0.9717655 | 0.80116538 | -  | 0.00252986 | SAN ARROYO        | Federal           | Federal       | U-071307     | GRAND  | SENE    | 26      | 16S-25E        | 1380    | N       | 170      | E         | 39.39025 | -109.11553 | 6855   | 5457   | Chris |
| 43-019-15901            | SAN ARROYO 21               | SWEVCO-SABW | Producing   | Gas Well  | 0.9717655 | 0.80116538 | -  | 0.00252986 | SAN ARROYO        | Federal           | Federal       | U-0369       | GRAND  | NWSE    | 25      | 16S-25E        | 2066    | S       | 2340     | E         | 39.3853  | -109.1047  | 5878   | 4299   | Chris |
| 43-019-15902            | SAN ARROYO 22               | SWEVCO-SABW | Producing   | Gas Well  | 0.9717655 | 0.80116538 | -  | 0.00252986 | SAN ARROYO        | Federal           | Federal       | U-05011A     | GRAND  | NENE    | 15      | 16S-25E        | 1210    | N       | 990      | E         | 39.41968 | -109.13711 | 6480   | 5500   | Chris |
| 43-019-15903            | SAN ARROYO 24               | SWEVCO-SABW | Producing   | Gas Well  | 0.9717655 | 0.80116538 | -  | 0.00252986 | SAN ARROYO        | Federal           | Federal       | U-06188      | GRAND  | SESW    | 19      | 16S-26E        | 2450    | N       | 1495     | W         | 39.40194 | -109.09106 | 6023   | 4815   | Chris |
| 43-019-15904            | SAN ARROYO 25               | SWEVCO-SABW | Producing   | Gas Well  | 0.9717655 | 0.80116538 | -  | 0.00252986 | SAN ARROYO        | Federal           | Federal       | U-25244      | GRAND  | SWNE    | 21      | 16S-25E        | 1520    | N       | 1805     | E         | 39.40437 | -109.15872 | 7599   | 5894   | Chris |
| 43-019-15905            | SAN ARROYO 26               | SWEVCO-SABW | Producing   | Gas Well  | 0.9717655 | 0.80116538 | -  | 0.00252986 | SAN ARROYO        | Federal           | Federal       | U-25297      | GRAND  | SWSW    | 20      | 16S-26E        | 660     | S       | 660      | W         | 39.39603 | -109.07543 | 5800   | 4800   | Chris |
| 43-019-15906            | SAN ARROYO 27               | SWEVCO-SABW | Producing   | Gas Well  | 0.9717655 | 0.80116538 | -  | 0.00252986 | SAN ARROYO        | Federal           | Federal       | U-06021      | GRAND  | SESW    | 29      | 16S-26E        | 1990    | S       | 2100     | W         | 39.3851  | -109.07027 | 5584   |        | Chris |
| 43-019-15907            | SAN ARROYO 28               | SWEVCO-SABW | Producing   | Gas Well  | 0.9717655 | 0.80116538 | -  | 0.00252986 | SAN ARROYO        | Federal           | Federal       | U-5650       | GRAND  | NWNE    | 29      | 16S-26E        | 660     | N       | 1980     | E         | 39.39225 | -109.06591 | 5690   | 4260   | Chris |
| 43-019-15908            | SAN ARROYO 29               | SWEVCO-SABW | Producing   | Gas Well  | 0.9717655 | 0.80116538 | -  | 0.00252986 | SAN ARROYO        | Federal           | Federal       | U-0307A      | GRAND  | NENE    | 22      | 16S-25E        | 1300    | N       | 195      | E         | 39.40492 | -109.13429 | 6849   | 5200   | Chris |
| 43-019-15886            | SAN ARROYO 3                | SWEVCO-SABW | Producing   | Gas Well  | 0.9717655 | 0.80116538 | -  | 0.00252986 | SAN ARROYO        | Federal           | Federal       | U-0307A      | GRAND  | SESW    | 23      | 16S-25E        | 1425    | N       | 1450     | W         | 39.40481 | -109.12847 | 6474   | 5460   | Chris |
| 43-019-15909            | SAN ARROYO 30               | SWEVCO-SABW | Producing   | Gas Well  | 0.9717655 | 0.80116538 | -  | 0.00252986 | SAN ARROYO        | Federal           | Federal       | U-05650      | GRAND  | NWSW    | 21      | 16S-26E        | 2600    | S       | 900      | W         | 39.40124 | -109.05587 | 5481   | 4293   | Chris |
| 43-019-30527            | SAN ARROYO 31               | SWEVCO-SABW | Shut-In     | Gas Well  | 0.9717655 | 0.80116538 | -  | 0.00252986 | SAN ARROYO        | Federal           | Federal       | U-0370A      | GRAND  | NWNW    | 22      | 16S-25E        | 1111    | N       | 913      | W         | 39.40567 | -109.14907 | 7742   | 6071   | Chris |
| 43-019-30528            | SAN ARROYO 32               | SWEVCO-SABW | Producing   | Gas Well  | 0.9717655 | 0.80116538 | -  | 0.00252986 | SAN ARROYO        | Federal           | Federal       | U-05011B     | GRAND  | SWSW    | 14      | 16S-25E        | 678     | S       | 370      | W         | 39.41086 | -109.13255 | 6325   | 4964   | Chris |
| 43-019-30608            | SAN ARROYO 33               | SWEVCO-SABW | Producing   | Gas Well  | 0.9717655 | 0.80116538 | -  | 0.00252986 | SAN ARROYO        | Federal           | Federal       | U-0369       | GRAND  | SWSW    | 25      | 16S-25E        | 634     | S       | 728      | W         | 39.3815  | -109.1126  | 5966   | 4600   | Chris |
| 43-019-15887            | SAN ARROYO 4                | SWEVCO-SABW | Producing   | Gas Well  | 0.9717655 | 0.80116538 | -  | 0.00252986 | SAN ARROYO        | Federal           | Federal       | U-0369       | GRAND  | SESW    | 30      | 16S-26E        | 1080    | S       | 1800     | W         | 39.38264 | -109.09012 | 5735   | 4860   | Chris |
| 43-019-31301            | SAN ARROYO 44*              | SWEVCO-SABW | Producing   | Gas Well  | 0.2429414 | 0.20026781 | -  | 0.00240052 | SAN ARROYO        | Federal           | Federal       | U-06023      | GRAND  | SENE    | 30      | 16S-26E        | 1342    | N       | 741      | E         | 39.39033 | -109.08018 |        | 5020   | Chris |
| 43-019-31299            | SAN ARROYO 45*              | SWEVCO-SABW | Producing   | Gas Well  | 0.2429414 | 0.20026781 | -  | 0.00240052 | SAN ARROYO        | Federal           | Federal       | U-05650      | GRAND  | NWSE    | 20      | 16S-26E        | 1482    | S       | 1866     | E         | 39.39813 | -109.06575 |        | 4786   | Chris |
| 43-01931318-            | SAN ARROYO 47*              | SWEVCO-SABW | Producing   | Gas Well  | 0.2429414 | 0.20026781 | -  | 0.00240052 | SAN ARROYO        | Federal           | Federal       | U-06023      | GRAND  | NWNE    | 31      | 16S-26E        | 600     | N       | 1400     | E         | 39.3779  | -109.08244 |        | 4505   | Chris |
| 43-019-31316            | SAN ARROYO 49*              | SWEVCO-SABW | Producing   | Gas Well  | 0.2429414 | 0.20026781 | -  | 0.00240052 | SAN ARROYO        | Federal           | Federal       | U-025245     | GRAND  | NENW    | 29      | 16S-26E        | 1300    | N       | 1666     | W         | 39.39059 | -109.07165 |        | 4835   | Chris |
| 43-019-15888            | SAN ARROYO 5                | SWEVCO-SABW | Shut-In     | Gas Well  | 1.0000000 | 0.82500000 | -  | 0.00027708 | SAN ARROYO        | Federal           | Federal       | U-0369       | GRAND  | NWSE    | 25      | 16S-25E        | 2030    | S       | 2290     | E         | 39.3852  | -109.10452 | 5878   | 4940   | Chris |
| 43-019-15889            | SAN ARROYO 6                | SWEVCO-SABW | Shut-In     | Gas Well  | 1.0000000 | 0.82500000 | -  | 0.00027708 | SAN ARROYO        | Federal           | Federal       | U-025244     | GRAND  | SWNE    | 21      | 16S-25E        | 1940    | N       | 1695     | E         | 39.40321 | -109.15836 | 7588   | 6510   | Chris |
| 43-019-15890            | SAN ARROYO 8                | SWEVCO-SABW | Producing   | Gas Well  | 0.9717655 | 0.80116538 | -  | 0.00252986 | SAN ARROYO        | State             | Federal       | U-0369       | GRAND  | SWSW    | 16      | 16S-25E        | 1110    | S       | 1310     | W         | 39.41172 | -109.16659 | 7350   | 5870   | Chris |
| 43-019-15891            | SAN ARROYO 9                | SWEVCO-SABW | Producing   | Gas Well  | 0.9717655 | 0.80116538 | -  | 0.00252986 | SAN ARROYO        | Federal           | Federal       | U-0370A      | GRAND  | NWNE    | 27      | 16S            |         |         |          |           |          |            |        |        |       |

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:  
**See Attached**

**SUNDRY NOTICES AND REPORTS ON WELLS**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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.

7. UNIT or CA AGREEMENT NAME:  
**See Attached**

1. TYPE OF WELL  
OIL WELL  GAS WELL  OTHER \_\_\_\_\_

8. WELL NAME and NUMBER:  
**See Attached**

2. NAME OF OPERATOR:  
**SWEVCO-SABW, LLC** Operator #N4155

9. API NUMBER:  
**Attached**

3. ADDRESS OF OPERATOR:  
2154 W. Eisenhower Blvd. CITY Loveland STATE CO ZIP 80537

PHONE NUMBER:  
**(970) 669-7411**

10. FIELD AND POOL, OR WILDCAT:

4. LOCATION OF WELL  
FOOTAGES AT SURFACE: **See Attached** COUNTY: **See Attached**  
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: **UTAH**

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

| TYPE OF SUBMISSION   | TYPE OF ACTION  |   |  |
|--|---|---|--|
| <input type="checkbox"/> NOTICE OF INTENT<br>(Submit in Duplicate)<br>Approximate date work will start:<br>_____ | <input type="checkbox"/> ACIDIZE                        | <input type="checkbox"/> DEEPEN                           | <input type="checkbox"/> REPERFORATE CURRENT FORMATION |
|  | <input type="checkbox"/> ALTER CASING                   | <input type="checkbox"/> FRACTURE TREAT                   | <input type="checkbox"/> SIDETRACK TO REPAIR WELL      |
| <input type="checkbox"/> SUBSEQUENT REPORT<br>(Submit Original Form Only)<br>Date of work completion:<br>_____   | <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.

Please see attached list of wells, taking over as operator from Southwestern Energy Ventures Company, LLC #N4035  
 Effective date: November 1, 2014  
 BLM Bond: RLB 0015753  
 State Bond: RLB0015799

NAME (PLEASE PRINT) Kellie Diffendaffer TITLE Accounting Manager  
 SIGNATURE *Kellie Diffendaffer* DATE 10/14/14

(This space for State use only)

**RECEIVED**  
OCT 21 2014

**APPROVED**  
NOV 03 2014  
DIV. OIL GAS & MINING  
BY: Rachel Medina

(5/2000) (See Instructions on Reverse Side)

DIV. OF OIL, GAS & MINING

| UTAH                    |                             |             |             |           |           |            |    |            |                   |                   |               |              |        |         |         |                |         |         |          |           |          |            |        |        |       |
|-------------------------|-----------------------------|-------------|-------------|-----------|-----------|------------|----|------------|-------------------|-------------------|---------------|--------------|--------|---------|---------|----------------|---------|---------|----------|-----------|----------|------------|--------|--------|-------|
| API Well Number         | Well Name                   | Operator    | Well Status | Well Type | WI        | NRI        | RI | OR         | Field Name/Unit # | Surface Ownership | Mineral Lease | Lease Number | County | Qtr/Qtr | Section | Township-Range | FNL/FSL | FEL/FWL | Latitude | Longitude | Elev. GR | TD         | Unit # | PUMPER |       |
| <b>OPERATED</b>         |                             |             |             |           |           |            |    |            |                   |                   |               |              |        |         |         |                |         |         |          |           |          |            |        |        |       |
| <b>Outside the Unit</b> |                             |             |             |           |           |            |    |            |                   |                   |               |              |        |         |         |                |         |         |          |           |          |            |        |        |       |
| 43-019-30570            | ARCO 27-1                   | SWEVCO-SABW | Producing   | Gas Well  | 1.0000000 | 0.87500000 | -  | -          | SAN ARROYO        | Federal           | Federal       | U-29645      | GRAND  | NWSW    | 27      | 16S-25E        | 1787    | S       | 1200     | W         | 39.3846  | -109.14821 | 6740   | 5700   | Chris |
| 43-019-31162            | ARCO STATE 36-7             | SWEVCO-SABW | Producing   | Gas Well  | 1.0000000 | 0.87500000 | -  | -          | EAST CANYON       | State             | State         | ML-22208     | GRAND  | SWSE    | 36      | 15.5S-24E      | 540     | S       | 1550     | E         | 39.45341 | -109.21341 | 8319   | 7945   | Chris |
| 43-019-31192            | ARCO STATE 36-8             | SWEVCO-SABW | Producing   | Gas Well  | 1.0000000 | 0.87500000 | -  | -          | EAST CANYON       | State             | State         | ML-22208     | GRAND  | SWSW    | 36      | 15.5S-24E      | 945     | S       | 850      | W         | 39.45468 | -109.22361 | 7789   | 7490   | Chris |
| 43-019-30240            | ARCO STATE 2-1              | SWEVCO-SABW | Producing   | Gas Well  | 1.0000000 | 0.87500000 | -  | -          | EAST CANYON       | State             | State         | ML-22208     | GRAND  | NESE    | 2       | 16S-24E        | 2194    | S       | 991      | E         | 39.44346 | -109.23015 | 8443   | 7600   | Chris |
| 43-019-30241            | ARCO STATE 2-2              | SWEVCO-SABW | Producing   | Gas Well  | 1.0000000 | 0.87500000 | -  | -          | EAST CANYON       | State             | State         | ML-22208     | GRAND  | NWNW    | 2       | 16S-24E        | 769     | N       | 857      | W         | 39.44995 | -109.24212 | 7886   | 7250   | Chris |
| 43-019-30047            | BITTER CREEK 1              | SWEVCO-SABW | Producing   | Gas Well  | 1.0000000 | 0.87500000 | -  | -          | SAN ARROYO        | State             | State         | ML-25151     | GRAND  | SWSE    | 2       | 16S-25E        | 395     | S       | 2530     | E         | 39.4387  | -109.12413 | 7375   | 6658   | Chris |
| 43-047-30765            | BLACK HORSE CANYON FED 31-1 | SWEVCO-SABW | Producing   | Gas Well  | 1.0000000 | 0.84500000 | -  | -          | BLACK HORSE CYN   | Federal           | Federal       | U-14234      | UINTAH | NWSW    | 31      | 15S-24E        | 1820    | S       | 500      | W         | 39.46736 | -109.28001 | 8262   | 7910   | Chris |
| 43-019-15884            | FEDERAL 174 1               | SWEVCO-SABW | Producing   | Gas Well  | 1.0000000 | 0.84875000 | -  | -          | SAN ARROYO        | Federal           | Federal       | U-0126528    | GRAND  | SESW    | 11      | 16S-25E        | 1285    | S       | 2090     | W         | 39.42669 | -109.1264  | 6577   | 5299   | Chris |
| 43-019-11089            | FEDERAL GILBERT 1           | SWEVCO-SABW | Producing   | Gas Well  | 1.0000000 | 0.84500000 | -  | -          | SAN ARROYO        | Federal           | Federal       | U-0126528    | GRAND  | SWNE    | 11      | 16S-25E        | 1700    | N       | 1830     | E         | 39.4329  | -109.12144 | 7001   | 6200   | Chris |
| 43-019-15023            | BAR X UNIT 4                | SWEVCO-SABW | Producing   | Gas Well  |           |            |    |            | BAR X             | Federal           | Federal       | UTSL064807   | GRAND  | NENE    | 18      | 17S-26E        | 660     | N       | 660      | E         | 39.33379 | -109.07281 | 5146   | 3599   | Chris |
| 43-019-30592            | BAR X UNIT 11               | SWEVCO-SABW | Producing   | Gas Well  |           |            |    |            | BAR X             | Federal           | Federal       | UTSL064807   | GRAND  | NWNW    | 18      | 17S-26E        | 1319    | N       | 1285     | W         | 39.33203 | -109.08486 | 5200   | 3466   | Chris |
| 43-019-31371            | BAR X UNIT 25               | SWEVCO-SABW | Producing   | Gas Well  |           |            |    |            | BAR X             | Federal           | Federal       | UTSL064806   | GRAND  | NWSE    | 12      | 17S-25E        | 1384    | S       | 2165     | E         | 39.33965 | -109.09684 | 5273   | 3742   | Chris |
| <b>San Arroyo Unit</b>  |                             |             |             |           |           |            |    |            |                   |                   |               |              |        |         |         |                |         |         |          |           |          |            |        |        |       |
| 43-019-16532            | SAN ARROYO 1                | SWEVCO-SABW | Shut-In     | Gas Well  | 1.0000000 | 0.82500000 | -  | 0.00027708 | SAN ARROYO        | Federal           | Federal       | U-071307     | GRAND  | SESW    | 26      | 16S-25E        | 1712    | N       | 2566     | W         | 39.38943 | -109.12453 | 6033   | 5065   | Chris |
| 43-019-15892            | SAN ARROYO 11               | SWEVCO-SABW | Shut-In     | Gas Well  | 0.9717655 | 0.80116538 | -  | 0.00252986 | SAN ARROYO        | Federal           | Federal       | U-05059C     | GRAND  | NESE    | 15      | 16S-25E        | 1760    | S       | 1990     | W         | 39.41349 | -109.14544 | 7524   | 6367   | Chris |
| 43-019-15893            | SAN ARROYO 12               | SWEVCO-SABW | Producing   | Gas Well  | 0.9717655 | 0.80116538 | -  | 0.00252986 | SAN ARROYO        | Federal           | Federal       | U-071307     | GRAND  | SWSW    | 23      | 16S-25E        | 1140    | S       | 1220     | W         | 39.39734 | -109.12949 | 6507   | 4731   | Chris |
| 43-019-15894            | SAN ARROYO 13               | SWEVCO-SABW | Producing   | Gas Well  | 0.9717655 | 0.80116538 | -  | 0.00252986 | SAN ARROYO        | Federal           | Federal       | U-0370A      | GRAND  | C-SW    | 22      | 16S-25E        | 1320    | S       | 1320     | W         | 39.39783 | -109.14783 | 7592   | 6260   | Chris |
| 43-019-15896            | SAN ARROYO 16               | SWEVCO-SABW | Producing   | Gas Well  | 0.9717655 | 0.80116538 | -  | 0.00252986 | SAN ARROYO        | Federal           | Federal       | U-0369       | GRAND  | SESW    | 26      | 16S-25E        | 1125    | S       | 1790     | W         | 39.38276 | -109.12746 | 5922   | 4884   | Chris |
| 43-019-15897            | SAN ARROYO 17               | SWEVCO-SABW | Producing   | Gas Well  | 0.9717655 | 0.80116538 | -  | 0.00252986 | SAN ARROYO        | Federal           | Federal       | U-25243      | GRAND  | NENE    | 24      | 16S-25E        | 660     | N       | 940      | E         | 39.40676 | -109.09956 | 5983   | 5003   | Chris |
| 43-019-15898            | SAN ARROYO 18               | SWEVCO-SABW | Producing   | Gas Well  | 0.9717655 | 0.80116538 | -  | 0.00252986 | SAN ARROYO        | Federal           | Federal       | U-06023      | GRAND  | NWNW    | 30      | 16S-26E        | 660     | N       | 990      | W         | 39.39241 | -109.09272 | 5778   | 4128   | Chris |
| 43-019-15899            | SAN ARROYO 19               | SWEVCO-SABW | Producing   | Gas Well  | 0.9717655 | 0.80116538 | -  | 0.00252986 | SAN ARROYO        | Federal           | Federal       | U-05011B     | GRAND  | SWSE    | 14      | 16S-25E        | 820     | S       | 1610     | E         | 39.41086 | -109.12089 | 6305   | 5200   | Chris |
| 43-019-15885            | SAN ARROYO 2                | SWEVCO-SABW | Shut-In     | Gas Well  | 1.0000000 | 0.82500000 | -  | 0.00027708 | SAN ARROYO        | Federal           | Federal       | U-0370A      | GRAND  | SESW    | 22      | 16S-25E        | 2420    | N       | 2430     | W         | 39.40199 | -109.14379 | 7752   | 6826   | Chris |
| 43-019-15900            | SAN ARROYO 20               | SWEVCO-SABW | Producing   | Gas Well  | 0.9717655 | 0.80116538 | -  | 0.00252986 | SAN ARROYO        | Federal           | Federal       | U-071307     | GRAND  | SENE    | 26      | 16S-25E        | 1360    | N       | 170      | E         | 39.39025 | -109.11553 | 6855   | 5457   | Chris |
| 43-019-15901            | SAN ARROYO 21               | SWEVCO-SABW | Producing   | Gas Well  | 0.9717655 | 0.80116538 | -  | 0.00252986 | SAN ARROYO        | Federal           | Federal       | U-0369       | GRAND  | NWSE    | 25      | 16S-25E        | 2066    | S       | 2340     | E         | 39.3853  | -109.1047  | 5878   | 4299   | Chris |
| 43-019-15902            | SAN ARROYO 22               | SWEVCO-SABW | Producing   | Gas Well  | 0.9717655 | 0.80116538 | -  | 0.00252986 | SAN ARROYO        | Federal           | Federal       | U-05011A     | GRAND  | NENE    | 15      | 16S-25E        | 1210    | N       | 990      | E         | 39.41968 | -109.13711 | 6480   | 5500   | Chris |
| 43-019-15903            | SAN ARROYO 24               | SWEVCO-SABW | Producing   | Gas Well  | 0.9717655 | 0.80116538 | -  | 0.00252986 | SAN ARROYO        | Federal           | Federal       | U-06188      | GRAND  | SESW    | 19      | 16S-26E        | 2450    | N       | 1495     | W         | 39.40194 | -109.09106 | 6023   | 4815   | Chris |
| 43-019-15904            | SAN ARROYO 25               | SWEVCO-SABW | Producing   | Gas Well  | 0.9717655 | 0.80116538 | -  | 0.00252986 | SAN ARROYO        | Federal           | Federal       | U-25244      | GRAND  | SWNE    | 21      | 16S-25E        | 1520    | N       | 1805     | E         | 39.40437 | -109.15872 | 7599   | 5894   | Chris |
| 43-019-15905            | SAN ARROYO 26               | SWEVCO-SABW | Producing   | Gas Well  | 0.9717655 | 0.80116538 | -  | 0.00252986 | SAN ARROYO        | Federal           | Federal       | U-25297      | GRAND  | SWSW    | 20      | 16S-26E        | 660     | S       | 660      | W         | 39.39603 | -109.07543 | 5800   | 4800   | Chris |
| 43-019-15906            | SAN ARROYO 27               | SWEVCO-SABW | Producing   | Gas Well  | 0.9717655 | 0.80116538 | -  | 0.00252986 | SAN ARROYO        | Federal           | Federal       | U-06021      | GRAND  | NESE    | 29      | 16S-26E        | 1990    | S       | 2100     | W         | 39.3851  | -109.07027 | 5584   |        | Chris |
| 43-019-15907            | SAN ARROYO 28               | SWEVCO-SABW | Producing   | Gas Well  | 0.9717655 | 0.80116538 | -  | 0.00252986 | SAN ARROYO        | Federal           | Federal       | U-5650       | GRAND  | NWNE    | 29      | 16S-26E        | 660     | N       | 1980     | E         | 39.39225 | -109.06591 | 5690   | 4260   | Chris |
| 43-019-15908            | SAN ARROYO 29               | SWEVCO-SABW | Producing   | Gas Well  | 0.9717655 | 0.80116538 | -  | 0.00252986 | SAN ARROYO        | Federal           | Federal       | U-0307A      | GRAND  | NENE    | 22      | 16S-25E        | 1300    | N       | 195      | E         | 39.40492 | -109.13429 | 6849   | 5200   | Chris |
| 43-019-15886            | SAN ARROYO 3                | SWEVCO-SABW | Producing   | Gas Well  | 0.9717655 | 0.80116538 | -  | 0.00252986 | SAN ARROYO        | Federal           | Federal       | U-0307A      | GRAND  | SESW    | 23      | 16S-25E        | 1425    | N       | 1450     | W         | 39.40481 | -109.12847 | 6474   | 5460   | Chris |
| 43-019-15909            | SAN ARROYO 30               | SWEVCO-SABW | Producing   | Gas Well  | 0.9717655 | 0.80116538 | -  | 0.00252986 | SAN ARROYO        | Federal           | Federal       | U-05650      | GRAND  | NWSW    | 21      | 16S-26E        | 2600    | S       | 900      | W         | 39.40124 | -109.05587 | 5481   | 4293   | Chris |
| 43-019-30527            | SAN ARROYO 31               | SWEVCO-SABW | Shut-In     | Gas Well  | 0.9717655 | 0.80116538 | -  | 0.00252986 | SAN ARROYO        | Federal           | Federal       | U-0370A      | GRAND  | NWNW    | 22      | 16S-25E        | 1111    | N       | 913      | W         | 39.40567 | -109.14907 | 7742   | 6071   | Chris |
| 43-019-30528            | SAN ARROYO 32               | SWEVCO-SABW | Producing   | Gas Well  | 0.9717655 | 0.80116538 | -  | 0.00252986 | SAN ARROYO        | Federal           | Federal       | U-05011B     | GRAND  | SWSW    | 14      | 16S-25E        | 678     | S       | 370      | W         | 39.41066 | -109.13255 | 6325   | 4964   | Chris |
| 43-019-30608            | SAN ARROYO 33               | SWEVCO-SABW | Producing   | Gas Well  | 0.9717655 | 0.80116538 | -  | 0.00252986 | SAN ARROYO        | Federal           | Federal       | U-0369       | GRAND  | SWSW    | 25      | 16S-25E        | 634     | S       | 728      | W         | 39.3815  | -109.1126  | 5966   | 4600   | Chris |
| 43-019-15887            | SAN ARROYO 4                | SWEVCO-SABW | Producing   | Gas Well  | 0.9717655 | 0.80116538 | -  | 0.00252986 | SAN ARROYO        | Federal           | Federal       | U-0369       | GRAND  | SESW    | 30      | 16S-26E        | 1080    | S       | 1800     | W         | 39.38264 | -109.09012 | 5735   | 4860   | Chris |
| 43-019-31301            | SAN ARROYO 44*              | SWEVCO-SABW | Producing   | Gas Well  | 0.2429414 | 0.20026781 | -  | 0.00240052 | SAN ARROYO        | Federal           | Federal       | U-06023      | GRAND  | SENE    | 30      | 16S-26E        | 1342    | N       | 741      | E         | 39.39033 | -109.08018 |        | 5020   | Chris |
| 43-019-31299            | SAN ARROYO 45*              | SWEVCO-SABW | Producing   | Gas Well  | 0.2429414 | 0.20026781 | -  | 0.00240052 | SAN ARROYO        | Federal           | Federal       | U-05650      | GRAND  | NWSE    | 20      | 16S-26E        | 1482    | S       | 1866     | E         | 39.39813 | -109.06575 |        | 4786   | Chris |
| 43-01931318-            | SAN ARROYO 47*              | SWEVCO-SABW | Producing   | Gas Well  | 0.2429414 | 0.20026781 | -  | 0.00240052 | SAN ARROYO        | Federal           | Federal       | U-06023      | GRAND  | NWNE    | 31      | 16S-26E        | 600     | N       | 1400     | E         | 39.3779  | -109.08244 |        | 4505   | Chris |
| 43-019-31316            | SAN ARROYO 49*              | SWEVCO-SABW | Producing   | Gas Well  | 0.2429414 | 0.20026781 | -  | 0.00240052 | SAN ARROYO        | Federal           | Federal       | U-025245     | GRAND  | NENW    | 29      | 16S-26E        | 1300    | N       | 1666     | W         | 39.39059 | -109.07165 |        | 4835   | Chris |
| 43-019-15888            | SAN ARROYO 5                | SWEVCO-SABW | Shut-In     | Gas Well  | 1.0000000 | 0.82500000 | -  | 0.00027708 | SAN ARROYO        | Federal           | Federal       | U-0369       | GRAND  | NWSE    | 25      | 16S-25E        | 2030    | S       | 2290     | E         | 39.3852  | -109.10452 | 5878   | 4940   | Chris |
| 43-019-15889            | SAN ARROYO 6                | SWEVCO-SABW | Shut-In     | Gas Well  | 1.0000000 | 0.82500000 | -  | 0.00027708 | SAN ARROYO        | Federal           | Federal       | U-025244     | GRAND  | SWNE    | 21      | 16S-25E        | 1940    | N       | 1695     | E         | 39.40321 | -109.15836 | 7588   | 6510   | Chris |
| 43-019-15890            | SAN ARROYO 8                | SWEVCO-SABW | Producing   | Gas Well  | 0.9717655 | 0.80116538 | -  | 0.00252986 | SAN ARROYO        | State             | Federal       | U-0369       | GRAND  | SWSW    | 16      | 16S-25E        | 1110    | S       | 1310     | W         | 39.41172 | -109.16659 | 7350   | 5870   | Chris |
| 43-019-15891            | SAN ARROYO 9                | SWEVCO-SABW | Producing   | Gas Well  | 0.9717655 | 0.80116538 | -  | 0.00252986 | SAN ARROYO        | Federal           | Federal       | U-0370A      | GRAND  | NWNE    | 27      | 16S-           |         |         |          |           |          |            |        |        |       |

|  |  |
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| <b>STATE OF UTAH</b><br>DEPARTMENT OF NATURAL RESOURCES<br>DIVISION OF OIL, GAS, AND MINING  | FORM 9<br><br>5. LEASE DESIGNATION AND SERIAL NUMBER:<br>UTU-31928                             |
| <b>SUNDRY NOTICES AND REPORTS ON WELLS</b><br><br>Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME:<br><br>7. UNIT or CA AGREEMENT NAME:<br>TIN CUP MESA     |
| 1. TYPE OF WELL<br>Water Injection Well  | 8. WELL NAME and NUMBER:<br>TIN CUP MESA 1-25  |
| 2. NAME OF OPERATOR:<br>MAR/REG OIL COMPANY  | 9. API NUMBER:<br>43037306900000   |
| 3. ADDRESS OF OPERATOR:<br>PO Box 18148 , Reno, NV, 89511  | PHONE NUMBER:<br>755 852-7444 Ext  |
| 4. LOCATION OF WELL<br>FOOTAGES AT SURFACE:<br>1950 FNL 0790 FWL<br>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:<br>Qtr/Qtr: SWNW Section: 25 Township: 38.0S Range: 25.0E Meridian: S   | 9. FIELD and POOL or WILDCAT:<br>TIN CUP MESA<br><br>COUNTY:<br>SAN JUAN<br><br>STATE:<br>UTAH |

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

| TYPE OF SUBMISSION   | TYPE OF ACTION   |   |   |
|--|--|---|---|
| <input checked="" type="checkbox"/> NOTICE OF INTENT<br>Approximate date work will start:<br>4/30/2014 | <input type="checkbox"/> ACIDIZE                       | <input type="checkbox"/> ALTER CASING                   | <input type="checkbox"/> CASING REPAIR                    |
| <input type="checkbox"/> SUBSEQUENT REPORT<br>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"/> SPUD REPORT<br>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<br>Report Date:   | <input type="checkbox"/> DEEPEN                        | <input type="checkbox"/> FRACTURE TREAT                 | <input type="checkbox"/> NEW CONSTRUCTION                 |
|  | <input type="checkbox"/> OPERATOR CHANGE               | <input 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 checked="" type="checkbox"/> OTHER               | OTHER: <input type="text" value="Request for Extension"/> |

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
 Request an extension to conduct remedial work. Request extension to April 30, 2015. Operator will monitor casing pressure weekly and file pressure report monthly.

Approved by the  
Utah Division of  
Oil, Gas and Mining

**COPY SENT TO OPERATOR**

Date: 11.3.2014  
Initials: KS

Date: 10/31/14  
By: [Signature]

|                                    |                              |                             |
|------------------------------------|------------------------------|-----------------------------|
| NAME (PLEASE PRINT)<br>Tariq Ahmad | PHONE NUMBER<br>775 852-7444 | TITLE<br>Petroleum Engineer |
| SIGNATURE<br>N/A                   | DATE<br>10/29/2014           |                             |