

.....

Disapproval Letter

COMPLETION DATA:

Date Well Completed 8/13/75

OW..... WW..... TA.....

GW..... OS..... PA.....

Location Inspected

Bond released

State or Fee Land

LOGS FILED

Driller's Log.....

LOGS (No.) ✓.....

CR-N..... Micro.....

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

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

2. NAME OF OPERATOR
 ATLANTIC RICHFIELD COMPANY

3. ADDRESS OF OPERATOR
 501 Lincoln Tower Bldg., 1860 Lincoln St., Denver, Colo 80203

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface 2194 991
 NE SE - 2194 1/4 South & 991 1/4 East lines Sec. 2
 At proposed prod. zone
 Approx. Same

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

5. LEASE DESIGNATION AND SERIAL NO.
 State Use # ML - 22208

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
 ARCO-STATE

9. WELL NO.
 2 - 1

10. FIELD AND POOL, OR WILDCAT
 Field not designated

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec. 2-16S-24E, S1&M

12. COUNTY OR PARISH
 Grand

13. STATE
 Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1003'

16. NO. OF ACRES IN LEASE
 Total 1094.36 ac
 Sec. 2 610.20 ac

17. NO. OF ACRES ASSIGNED TO THIS WELL
 Not spaced, anticipate 320 ac.

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING COMPLETED, OF APPLICABLE FOR, ON THIS LEASE, E.g. proposal in NW NW 7625'

19. PROPOSED DEPTH
 7625'

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 8443' GL, ungraded

22. APPROX. DATE WORK WILL START*
 When appl rec'd.
 Est. 5-23-75.

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13-3/4"	9-5/8"	32.3#	300'	300 sx (Cmt to surface)
8-3/4"	7"	20#	1000'	200 sx
6-1/4"	4-1/2"	10.5 & 11.6#	T.D.	250 sx

Propose to drill well to depth sufficient to test the Dakota-Cedar Mountain. Anticipated formation tops are: Castlegate 3770'; Mancos 3875'; Dakota Group 7400'; Cedar Mountain 7580'. Plan to set 9-5/8" casing at approx 300' and cement to surface; drill out of surface with "air"; if water is not encountered, will drill to T.D. with "air"; if water is encountered (probably in the Castlegate), will set 7" intermediate casing at depth sufficient to shut off water, drill out and drill to T.D. with "air", hole conditions permitting; Log; If productive, set 4-1/2" casing with sufficient cement to protect all zones; Perforate, treat if necessary, and complete.

Blowout Preventer - Will use Ser. 900 (3000#WP, 6000#T) double ram, hydraulic operated Cameron or Shaffer, or equivalent. Rotating head, 10" 3000#WP, 6000#T, to be used above BOP for air drilled part of hole. BOP will be tested to 1000# before drilling out of casing string(s), and operational checks will be made daily and on trips. Fill line and choke line to be 3000#WP, or greater, connected below rams on BOP. Certified Location Plat, attached. 3cc: USGS, Salt Lake.

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

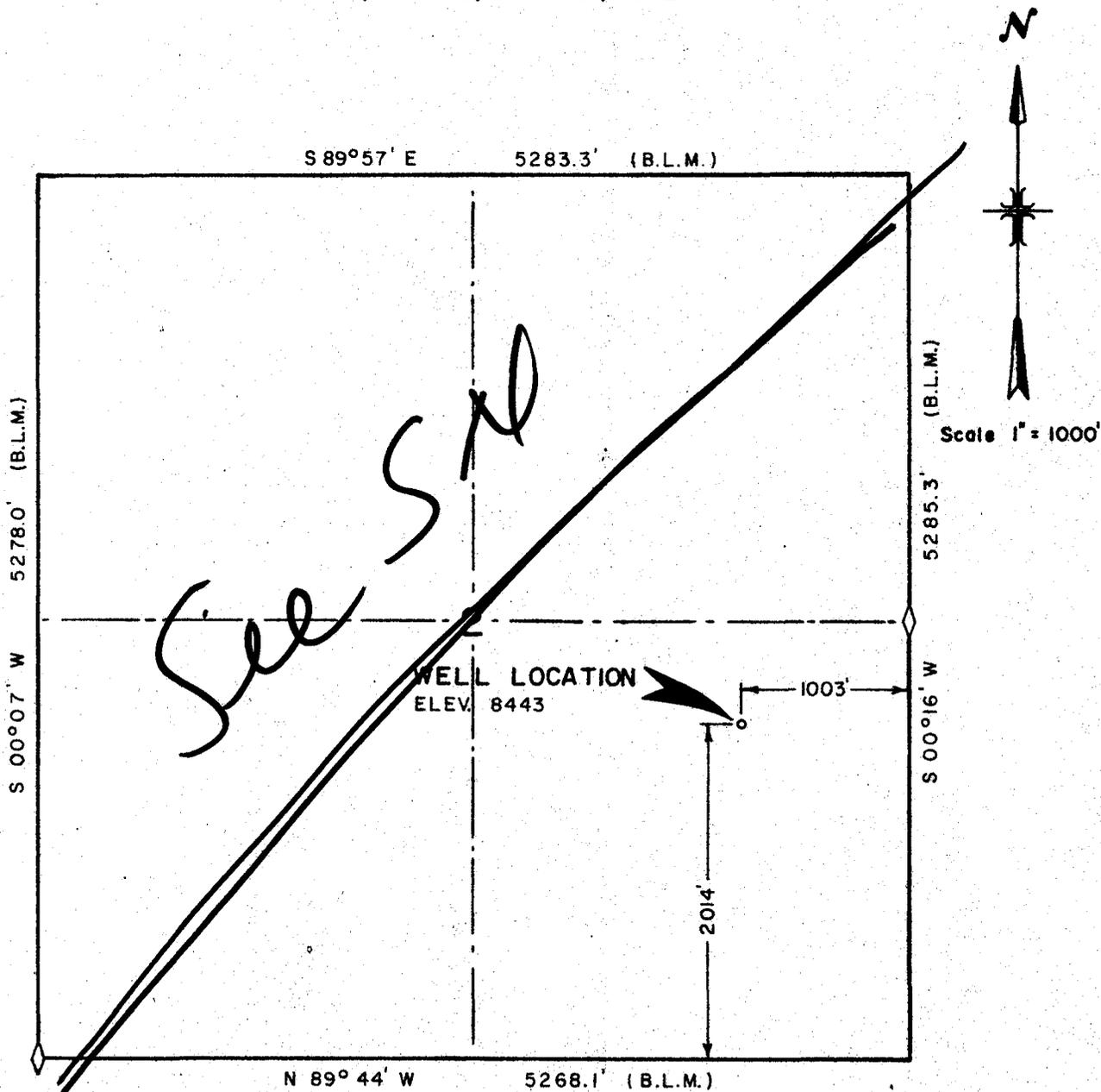
24. SIGNED W. A. Walther, Jr. TITLE Dist. Prod. & Drlg. Supt. DATE 5/9/75
 (This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
 ACCEPTED E. J. [Signature] TITLE _____ DATE JUN 10 1975
 CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

State OBCC

WELL LOCATION
 1003.0 FT. W.E.L. - 2014.0 FT. N.S.L.
 SECTION 2, T 16 S, R 24 E, S.L.B. & M.



I, David L. Bear do hereby certify that this plat was plotted from notes of a field survey made under my direct responsibility, supervision and checking on Apr. 29, 1975.

David L. Bear
 Registered Land Surveyor

WESTERN ENGINEERS, INC. WELL LOCATION ATLANTIC RICHFIELD CO. ARCO STATE 2-1 GRAND COUNTY, UTAH
SURVEYED <u>D.L.B.</u> DRAWN <u>R.W.Q.</u> GRAND JUNCTION, COLO. 4/30/75

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

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

2. NAME OF OPERATOR
ATLANTIC RICHFIELD COMPANY

3. ADDRESS OF OPERATOR
501 Lincoln Tower Bldg., 1860 Lincoln St., Denver, Colo 80203

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface **2144 991**
NE SE - 20th f/South & 1000' f/East lines Sec. 2
 At proposed prod. zone
Approx. Same

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

5. LEASE DESIGNATION AND SERIAL NO.
State Lec. # ML - 22208

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
ARCO-STATE

9. WELL NO.
2 - 1

10. FIELD AND POOL, OR WILDCAT
Field not designated

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 2-16S-24E, S1E&M

12. COUNTY OR PARISH 13. STATE
Grand Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) **1003'**

16. NO. OF ACRES IN LEASE TO THIS WELL
Total 1094.36 ac
Sec. 2 640.20 ac

17. NO. OF ACRES ASSIGNED TO THIS WELL
Not spaced, anticipate 320 ac.

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. **4224' f/ proposal in NW NW**

19. PROPOSED DEPTH **7625'**

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
8443' GL, ungraded

22. APPROX. DATE WORK WILL START*
When appl rec'd.
Est. 5-23-75.

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13-3/4"	9-5/8"	32.3#	300'	300 sx (Cmt to surface)
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6-1/4"	4-1/2"	10.5 & 11.6#	T.D.	250 sx

Propose to drill well to depth sufficient to test the Dakota-Cedar Mountain. Anticipated formation tops are: Castlegate 3770'; Mancos 3875'; Dakota Group 7400'; Cedar Mountain 7580'. Plan to set 9-5/8" casing at approx 300' and cement to surface; drill out of surface with "air"; if water is not encountered, will drill to T.D. with "air"; if water is encountered (probably in the Castlegate), will set 7" intermediate casing at depth sufficient to shut off water, drill out and drill to T.D. with "air", hole conditions permitting; Log; If productive, set 4-1/2" casing with sufficient cement to protect all zones; Perforate, treat if necessary, and complete.

Blowout Preventer - Will use Ser. 900 (3000#WP, 6000#T) double ram, hydraulic operated Cameron or Shaffer, or equivalent. Rotating head, 10" 3000#WP, 6000#T, to be used above BOP for air drilled part of hole. BOP will be tested to 1000# before drilling out of casing string(s), and operational checks will be made daily and on trips. Fill line and choke line to be 3000#WP, or greater, connected below rams on BOP. Certified Location Plat, attached. 3cc: USGS, Salt Lake.

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

24. SIGNED W. A. Walther, Jr. TITLE Dist. Prod. & Drlg. Supt. DATE 5/9/75
 (This space for Federal or State office use)

PERMIT NO. 43-019-30240 APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____
 CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

Drill Unit # 2, Zone II

DIVISION OF OIL, GAS, AND MINING

FILE NOTATIONS

Date: 5-13-75
 Operator: Atlantic Richfield
 Well No: ARCO-State 2-1
 Location: Sec. 2 T.16S R.24E County: Grand

File Prepared Entered on N.I.D.
 Card Indexed Completion Sheet

Checked By:

Administrative Assistant: SW

Remarks:

Petroleum Engineer/Mined Land Coordinator: 2

Remarks:

Director: 7

Remarks:

Include Within Approval Letter:

Bond Required Survey Plat Required
 Order No. 149-1 Blowout Prevention Equipment
 Rule C-3(c) Topographical exception/company owns or controls acreage
 within a 660' radius of proposed site
 O.K. Rule C-3 O.K. In _____ Unit
 Other:

Letter Written

**5-27-75 Footage Location Change, CB7.*

May 15, 1975

Atlantic Richfield Company
501 Lincoln Tower Building
1860 Lincoln Street
Denver, Colorado 80203

Re: Well No's:
Arco State #2-1, Arco State #2-2
Sec. 2, T. 16 S, R. 24 E, SLBM
Grand County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to wells is hereby granted in accordance with the Order issued in Cause No. 149-1, dated March 14, 1973, as follows:

Arco State #2-1 - Drilling Unit #2, Zone II
Arco State #2-2 - Drilling Unit #1, Zone II

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

CLEON B. FEIGHT - Director
HOME: 466-4455
OFFICE: 328-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling.

The API numbers assigned to these wells are:

State #2-1: 43-019-30240
State #2-2: 43-019-30241

Very truly yours,

DIVISION OF OIL AND GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

CBF:sw

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO.	State Lse # ML-22208
6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
7. UNIT AGREEMENT NAME	
8. FARM OR LEASE NAME	ARCO State
9. WELL NO.	2-1
10. FIELD AND POOL, OR WILDCAT	Field Not Designated
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA	Sec 2-T16S-R24E SLB&M
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.)

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
ATLANTIC RICHFIELD COMPANY

3. ADDRESS OF OPERATOR
501 Lincoln Tower Bldg., 1860 Lincoln St., Denver, Colo. 80203

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
NE SE - 2194' FSL & 991' FEL Section 2

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
Ground 8447'

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) <input type="checkbox"/>	
(Other) Change Location <input checked="" 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 change the location of this well to the footages shown above. Also the elevation should be changed as shown. The reason for the change is a more suitable site for the location pad. The previous well location was on top of a very narrow ridge and would have required considerable cut and fill for the pad. This location will require less cut (about 8') and slightly less access road.

Well initially located and approved: 2014' f/South line and 1003' f/East line, Section 2-T16S-R24E, Grand County, Utah.

Certified location plats for this change are attached.

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

SIGNED B. J. Santorin for TITLE Dist. Prod. & Drlg. Supt. DATE 5/28/75
W. A. Walther, Jr.

(This space for Federal or State office use)

ACCEPTED BY E. W. Ingram TITLE DISTRICT ENGINEER DATE JUN 14 1975

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

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. State Lse # ML-22208
2. NAME OF OPERATOR ATLANTIC RICHFIELD COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 501 Lincoln Tower Bldg., 1860 Lincoln St., Denver, Colo. 80203		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NE SE - 2194' FSL & 991' FEL Section 2		8. FARM OR LEASE NAME ARCO State
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, OR, etc.) Ground 8447'	9. WELL NO. 2-1
		10. FIELD AND POOL, OR WILDCAT Field Not Designated
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 2-T16S-R24E SLB&M
		12. COUNTY OR PARISH Grand
		13. STATE 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 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) <input type="checkbox"/>	
(Other) Change Location <input checked="" 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.)*

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Well initially located and approved: 2014' f/South line and 1003' f/East line, Section 2-T16S-R24E, Grand County, Utah.

Certified location plats for this change are attached.

APPROVED BY DIVISION OF OIL & GAS CONSERVATION

DATE 6-3-75
BY C.B. Knight

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

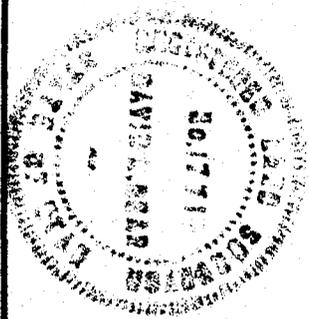
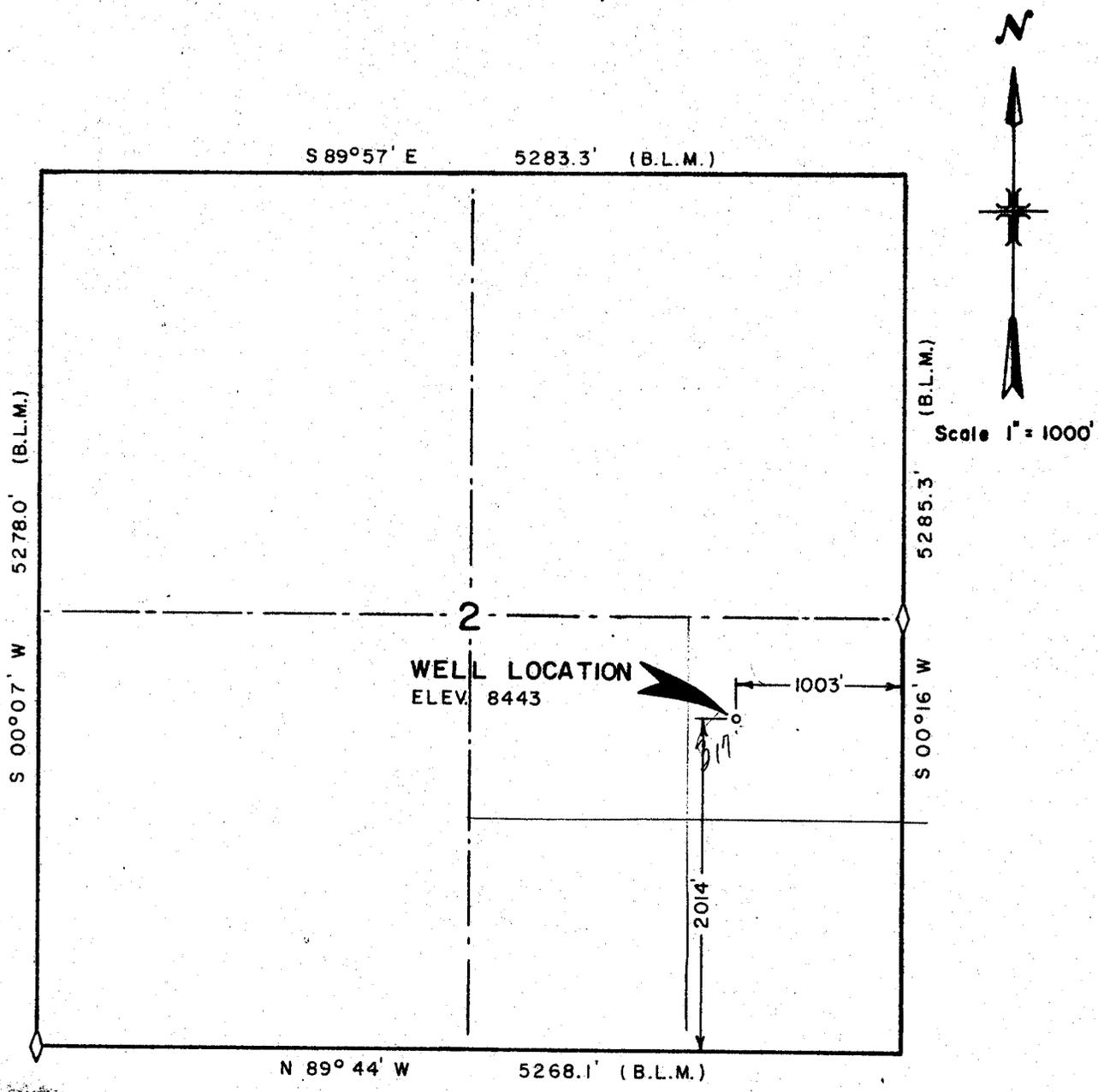
SIGNED W.A. Walther, Jr. TITLE Dist. Prod. & Drlg. Supt. DATE 5/28/75

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

WELL LOCATION
 1003.0 FT. W.E.L. - 2014.0 FT. N.S.L.
 SECTION 2, T 16 S, R 24 E, S.L.B. & M.



I, David L. Bear do hereby certify that this plat was plotted from notes of a field survey made under my direct responsibility, supervision and checking on Apr. 29, 1975.

David L. Bear
 Registered Land Surveyor

WESTERN ENGINEERS, INC.
 WELL LOCATION
 ATLANTIC RICHFIELD CO.
 ARCO STATE 2-1
 GRAND COUNTY, UTAH

SURVEYED D.L.B. DRAWN R.W.O.
 GRAND JUNCTION, COLO. 4/30/75

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

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.)

<p>1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER</p> <p>2. NAME OF OPERATOR Atlantic Richfield Company</p> <p>3. ADDRESS OF OPERATOR 501 Lincoln Tower Bldg., 1860 Lincoln St., Denver, Colo. 80203</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NE SE - 2194' f/South & 991' f/East line Sec. 2</p> <p>14. PERMIT NO. Mr. Feight letter 5/15/75</p>	<p>5. LEASE DESIGNATION AND SERIAL NO. State Use #ML-22208</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME</p> <p>8. FARM OR LEASE NAME ARCO STATE</p> <p>9. WELL NO. 2-1</p> <p>10. FIELD AND POOL, OR WILDCAT Field Not Designated</p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 2-16S-24E SLB&M</p> <p>12. COUNTY OR PARISH Grand</p> <p>13. STATE Utah</p>
<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) 8447' GL</p>	

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) Spud & set surface <input checked="" 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.) *

Spud 12-1/4" hole at 3:15 p.m. 6/6/75. Drld 12-1/4" hole to 320'. Ran 7 jts, 302', 9-5/8"OD 32.3# H-40 8rd (6 jt R-3 LT&C & 1 jt R-2 ST&C) set at 317'KB. Cmtd w/ 165 sx reg Class "G" w/ 3% CaCl & 1# Flocele/sack, lost circ after displacing 8 BW behind cement, good returns until cmt started around. PD 9 pm 6/8/75. Ran 1" to 7#', cmtd outside 9-5/8" csg w/ 75 sx regular w/ 3% CaCl, cement circ'd, job comp 1 p.m. 6/9/75. WOC. Nippled up head & BOP. Tested BOP @ 1000# f/ 30 minutes, held O.K.. Started drilling out 6 p.m. 6/10/75.
6/11/75 - Drilling ahead @ 490', air & mist, 8-3/4" hole.

ACCEPTED
U. S. DEPT. OF THE INTERIOR
COMMISSIONER OF OIL & GAS
JUL 25 1975
(Date)

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

SIGNED W. A. Walther, Jr. TITLE Dist. Prod. & Drlg. Supt. DATE 7/22/75
(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

P2

SUNDRY NOTICES AND REPORTS ON WELLS

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<p>1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/></p> <p>2. NAME OF OPERATOR Atlantic Richfield Company</p> <p>3. ADDRESS OF OPERATOR 501 Lincoln Tower Bldg., 1860 Lincoln St., Denver, Colo. 80203</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NE SE - 2194' f/South & 991' f/East line Sec. 2</p>		<p>5. LEASE DESIGNATION AND SERIAL NO. State Use #MI-22208</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME</p> <p>8. FARM OR LEASE NAME ARCO-STATE</p> <p>9. WELL NO. 2-1</p> <p>10. FIELD AND POOL, OR WILDCAT Field not designated</p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 2-16S-24E SLB&M</p> <p>12. COUNTY OR PARISH Grand</p> <p>13. STATE Utah</p>
<p>14. PERMIT NO. Mr. Feight letter 5/15/75</p>	<p>15. ELEVATIONS (Show whether DF, RT, OR, etc.) 8447' GL</p>	

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>Set intermediate casing</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.)*

Hole became wet and mudded up at 2442'. Drilled 8-3/4" hole to 3900', sample top Mancos 3765', Castlegate 3657'. Ran 91 jts, 3915', 7"OD 20# K-55 R-3 ST&C casing set at 3900'KB, cemented w/ 200 sx 50-50 Pozmix w/ 3% CaCl & 1/4# Flocele/sack, plug down 1:45 am 6/22/75. Lost returns after 1/3 cmt mixed. Ran temperature survey, indicated top of cement @ 2900'. WOC. Nippled up, tested casing and BOP @ 1000# f/ 30 minutes, all held O.K.. Blew down w/ air and started drilling out 2 a.m. 6/24/75.

6/25/75 - Drilling ahead w/ air at 4414', 6-1/4" hole.

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

SIGNED W. A. Walther, Jr. TITLE Dist. Prod. & Drlg. Supt. DATE 7/22/75
(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
 CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

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

5. LEASE DESIGNATION AND SERIAL NO.

State Use #ML-22208

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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 GAS WELL OTHER

2. NAME OF OPERATOR

Atlantic Richfield Company

3. ADDRESS OF OPERATOR

501 Lincoln Tower Bldg., 1860 Lincoln St., Denver, Colo. 80203

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

NE SE - 2194' f/South & 991' f/East lines Sec. 2

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

ARCO-STATE

9. WELL NO.

2-1

10. FIELD AND POOL, OR WILDCAT

Field not designated

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

Sec. 2-16S-24E, SLB&M

14. PERMIT NO.

Mr. Feight ltr 5/15/75

15. ELEVATIONS (Show whether DF, NT, OR, etc.)

8447' GL

12. COUNTY OR PARISH

Grand

13. STATE

Utah

16.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other) Set production casing.

(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.)*

Drilled 6-1/4" hole to 7600', ran open hole logs. Ran 4-1/2" casing:

196 jts 10.5# K-55 ST&C R 2&3 6342.11'

40 jts 11.6# K-55 ST&C R-2 1218.91'

7561.02'

Set at 7564'KB, cemented w/ 200 sx 50-50 Ppzmix, 50 sx regular Class "G" w/ water loss additive and retarder, preceded by 120 bbl mud & 20 bbl water. Plug down 12:30 a.m. 7/7/75. Released rig 4 p.m. 7/7/75. Wait on completion.

7/22/75 - Prep set anchors, run cased hole logs.

ACCEPTED
U. S. DEPARTMENT OF THE INTERIOR
CONSERVATION
SALT LAKE COUNTY
JUL 24 1975
(Date)

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

SIGNED

W. A. Walther, Jr.
W. A. Walther, Jr.

TITLE Dist. Prod. & Drlg. Supt.

DATE 7/22/75

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

OGCC, Utah

*See Instructions on Reverse Side

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO.

State Use #ML-22208

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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 GAS WELL OTHER

2. NAME OF OPERATOR

Atlantic Richfield Company

3. ADDRESS OF OPERATOR

501 Lincoln Tower Bldg., 1860 Lincoln St., Denver, Colo. 80203

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

NE SE - 2194' f/South & 991' f/East line Sec. 2

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

ARCO-STATE

9. WELL NO.

2-1

10. FIELD AND POOL, OR WILDCAT

Field not designated

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

Sec. 2-16S-24E SLB&M

14. PERMIT NO.

Mr. Feight letter 5/15/75

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

8447' GL

12. COUNTY OR PARISH

Grand

13. STATE

Utah

16.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other) Set intermediate casing

(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.)*

Hole became wet and mudded up at 2442'. Drilled 8-3/4" hole to 3900', sample top Mancos 3765', Castlegate 3657'. Ran 91 jts, 3915', 7"OD 20# K-55 R-3 ST&C casing set at 3900'KB, cemented w/ 200 sx 50-50 Pozmix w/ 3% CaCl & 1/4# Flocele/sack, plug down 1:45 am 6/22/75. Lost returns after 1/3 cmt mixed. Ran temperature survey, indicated top of cement @ 2900'. WOC. Nipped up, tested casing and BOP @ 1000# f/ 30 minutes, all held O.K.. Blew down w/ air and started drilling out 2 a.m. 6/24/75.

6/25/75 - Drilling ahead w/ air at 4414', 6-1/4" hole.

ACCEPTED FOR RECORD
U. S. OIL & GAS
CONSERVATION COMMISSION
SALT LAKE CITY
JUN 25 1975
(Date)

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

SIGNED

W. A. Walther, Jr.
W. A. Walther, Jr.

TITLE

Dist. Prod. & Drlg. Supt.

DATE

7/22/75

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

O&G, Utah

*See Instructions on Reverse Side

STATE OF UTAH
 DEPARTMENT OF NATURAL RESOURCES
 DIVISION OF OIL & GAS CONSERVATION

State Lease No. ML-22208
 Federal Lease No. _____
 Indian Lease No. _____
 Fee & Pat. _____

1588 WEST NORTH TEMPLE
 SALT LAKE CITY, UTAH 84116
 328-5771

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Grand FIELD/LEASE Field Not Designated (San Arroyo Area)

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

Agent's Address 501 Lincoln Tower Building
1860 Lincoln Street
Denver, Colorado 80203
 Phone No. A/C 303 573-3500

Company ATLANTIC RICHFIELD COMPANY
 Signed W. A. Waller, Jr.
 Title Dist. Prod. & Drig. Supt.

Sec. and 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)
NE SE Sec. 2	16S	24E	2-1	0						- Waiting on connection. Well completed 8/13/75. Details of drilling and completion attached to Form OCCC-3.
NW NW Sec. 2	16S	24E	2-2	0						- Waiting on completion. Details of drilling and casing strings attached.

GAS: (MCF)
 Sold _____
 Flared/Vented _____
 On/Off Lease _____

OIL or CONDENSATE: (To be reported in Barrels)
 On hand at beginning of month _____
 Produced during month _____
 Sold during month _____
 Unavoidably lost _____
 Reason: _____
 On hand at end of month _____

K10L

lf

9

STATE OF UTAH

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

OIL & GAS CONSERVATION COMMISSION

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. RESVR. Other _____

2. NAME OF OPERATOR
Atlantic Richfield Company

3. ADDRESS OF OPERATOR
501 Lincoln Tower Bldg., 1860 Lincoln St., Denver, Colo. 80203

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
 At surface **NE SE - 2194' f/South & 991' f/East lines Sec. 2**
 At top prod. interval reported below **Approx same**
 At total depth **Approx Same**

14. PERMIT NO. **API #43-019-30240** DATE ISSUED **Mr. Feight letter 5/15/75**

5. LEASE DESIGNATION AND SERIAL NO.

State Lease #ML-22208

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

ARCO-STATE

9. WELL NO.

2-1

10. FIELD AND POOL, OR WILDCAT

Field not designated

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

Sec. 2-16S-24E, SLB&M

12. COUNTY OR PARISH

Grand

13. STATE

Utah

15. DATE SPUDDED 6/6/75	16. DATE T.D. REACHED 7/4/75	17. DATE COMPL. (Ready to prod.) 8/13/75	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 8447' GL	19. ELEV. CASINGHEAD 8447' GL
20. TOTAL DEPTH, MD & TVD 7600'	21. PLUG, BACK T.D., MD & TVD 7529'	22. IF MULTIPLE COMPL., HOW MANY* - -	23. INTERVALS DRILLED BY - -	ROTARY TOOLS 0 - 7600'

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME, (MD AND TVD)*
Dakota - 7410-22, 7440-52'
Cedar Mountain - 7467-78, 7492-7504'

25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN
DIL-GR; SNP; FDC; CBL-GR

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"	32.3#	317'KB	12-1/4"	240 sx	None
7"	20#	3900'KB	8-3/4"	200 sx	none
4-1/2"	10.5 & 11.6	7564'KB	6-1/4"	250 sx	None

29. LINER RECORD **None**

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	7404'	None

31. PERFORATION RECORD (Interval, size and number)
7410-22, 7440-52, 7467-78 & 7492-7504'
w/ 2 jets per foot

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7410-7504' (OA)	Frac: 1664 BW, 880M SCF nitrogen, 100,000# sand.
	See report of 7/28/75

33.* PRODUCTION

DATE FIRST PRODUCTION 8/11/75	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing	WELL STATUS (Producing or shut-in) WO conn.
DATE OF TEST 8/13/75	HOURS TESTED 24 hr	CHOKER SIZE 3/4"
FLOW. TUBING PRESS. 50#	CASING PRESSURE 300#	CALCULATED 24-HOUR RATE - - -
	OIL—BBL. -	GAS—MCF. 1100
	WATER—BBL. load	GAS-OIL RATIO -

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

TEST WITNESSED BY
E. E. Sanders

35. LIST OF ATTACHMENTS
2 ea. #26; Well History

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

SIGNED W A Walther TITLE Dist. Prod. & Drig. Supt. DATE 8/26/75

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

AUG 29 1975

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS	
				NAME	MEAS. DEPTH
Castlegate	3647'	3658'	SS, porous, gas, li gray to brown, f-mg.	Castlegate	3647'
Dakota SS	7408'	7452'	SS w/ strks shale, li gray, f-mg, med por & perm in sd.	Dakota Silt	7266'
Cedar Mountain	7468'	7528'	SS w/ strks shale, li-dk gray, med grn, gd P & P in sd strks.	Dakota SS	7408'
Morrison	7528'	TD	Shale.	Cedar Mountain	7468'
				Morrison	7528'

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUB VERT. DEPTH
Castlegate	3647'	
Dakota Silt	7266'	
Dakota SS	7408'	
Cedar Mountain	7468'	
Morrison	7528'	

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL AND GAS CONSERVATION
1588 West North Temple
Salt Lake City, Utah 84116

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name and Number ARCO- STATE, Well #2-1

Operator Atlantic Richfield Company

Address 501 Lincoln Tower Bldg., 1860 Lincoln St., Denver, Colo. 80203

Contractor Willard Pease Drilling Company

Address Box 548, Grand Junction, Colorado 81501

Location NE 1/4, SE 1/4, Sec. 2 ; T. 16 S; R. 24 W; Grand County

Water Sands:

<u>Depth:</u>		<u>Volume:</u>	<u>Quality:</u>
From-	To-	Flow Rate or Head -	Fresh or Salty -

1. Sufficient water was encountered at 2442' to prohibit continued air drilling, however the volume was negligible.
2. _____
3. _____
4. _____
5. _____

(Continue on Reverse Side if Necessary)

Formation Tops:

Castlegate	- 3647'
Dakota Silt	- 7266'
Dakota SS	- 7408'
Cedar Mtn.	- 7468'
Morrison	- 7528'

- NOTE:
- (a) Upon diminishing supply of forms, please inform this office.
 - (b) Report on this form as provided for in Rule C-20, General Rules And Regulations and Rules of Practice and Procedure.
 - (c) If a water quality analysis has been made of the above reported zone, please forward a copy along with this form.

6-03-75		MIRT
6-04-75		MI & RURT
6-05-75		RURT
6-06-75		Prep to drill rat & mouse holes, spud.
6-07-75	215'	Drlg sd & sh. SPUD 12-1/4" hole @ 3:15 p.m. 6/6/75. 0-100', 1/4° @ 190'. B#1, RR HTC, OSC3, 215' in 15-1/4 hrs. \$ 5,251
6-08-75	238'	WO wtr to mix mud. Drl'd fast 233-38 & LC. Mixed & lost 6 pits, 18000 bbl mud. Wtr truck stuck since 7 a.m. 6/7/75. Heavy rain.
6-09-75	320'	WOC. Prep to recmt. Drl'd 12-1/4" hole to 320'. Ran 7 jts, 302', 9-5/8" OD 32.3# H-40 8rd (6 jt R-3 LT&C & 1 jt R-2 ST&C) set @ 317'KB. Cmt'd w/165 sx reg Class "G" w/3% CaCl & 1# Flocele/sx. Lost circ after displacing 8 BW behind cmt. Cd ret until cmt started around. PD 9 p.m. 6/8/75.
6-10-75	320'	WOC, drlg mouse hole. Prep to drill out w/air. Ran 1" to 73'KB, cmt'd outside 9-5/8" w/75 sx reg w/3% CaCl, cmt circ'd. Job comp 1 p.m. 6/9/75. Nip'd up. Tested BOP @ 1000# f/30 min., held OK. \$ 17,245
6-11-75	490'	Mist drlg, sd & sh. 1° @ 408'. 75 RPM, 10M#. B#2, 8-3/4" Reed, Y-31, in @ 320' & drlg, 170' in 11 hrs. Hit wtr @ 455'. \$ 21,673
6-12-75	907'	Drlg sd & sh, Air-Mist, making about 1" stream wtr. 1° @ 587' & 796'. 75 RPM, 10M#. B#2, Reed, Y-31, in @ 320' & drlg, 587' in 34 hrs. \$ 28,427
6-13-75	1510'	Air-Mist drlg, sd & sh. 3/4° @ 1010' & 1400'. 50 RPM, 10M#. B#2, Reed, Y-31, 320-932, 612' in 35-3/4 hrs. B#3, Smith, F-2, in @ 932', 578' in 19.5 hrs. \$ 35,301
6-14-75	2110'	Air-Mist drlg sd & sh. 1/2° @ 1800', 1/4° @ 2000', 50 RPM, 10M#. B#3, Smith, F-2, 932-2040, 1108' in 36 hrs. B#4, HTC, J-44, in @ 2040' & drlg, 70' in 3 hrs. \$ 42,141
6-15-75	2442'	Working pipe, installing larger booster. Pld up to make conn & stuck pipe. Worked up to 2310' in 11-1/2 hrs. Mixed mud: 8.8#, 70 vis. Hole started circ @ 4:00 a.m. 6/15/75. B#4, HTC, J-44, in @ 2040', 402' in 13 hrs. \$ 45,926
6-16-75	2495'	Drlg sh. Worked 2 hrs & freed pipe, pld cut. Nip'd up & mixed mud. 12 hrs wash & ream to btm. Mud: 8.8#, 55 vis, WL 10, 2/32 FC, Ph 11. B#4, HTC, J-44, 2040-2442', 402' in 13 hrs. B#5, HTC, ODV, in @ 2442', 53' in 4-1/2 hrs. \$48,626
6-17-75	2787'	Drlg sd & sh. 1/4° @ 2600'. 60 RPM, 25M#. Mud: 9.0#, 52 vis, 10 WL, 2/32 FC, Ph 10.5. B#5, HTC, ODV, 2442-2517', 75' in 8 hrs. B#6, Smith, DT, in @ 2517', 270' in 16-1/2 hrs. \$ 52,126
6-18-75	3122'	Drlg sd & sh. 1° @ 2960'. 60 RPM, 25M#. Mud: 9.3#, 50 vis, 8 WL, 2/32 FC, Ph 11. B#6, Smith, DT, 2517-2787', 270' in 16-1/2 hrs. B#7, Smith, F-2, in @ 2787' & drlg, 385' in 20-1/4 hrs. \$ 57,125
6-19-75	3467'	Drlg sd & sh. 3/4° @ 3300', 50 RPM, 25M#. Mud: 9.4#, 49 vis, 7 WL, 2/32 FC, Ph 11. B#7, Smith, F-2, in @ 2787' & drlg, 680' in 42-1/2 hrs. \$ 59,826
6-20-75	3664'	Drlg sd & sh. 3/4° @ 3600'. 60 RPM, 25M#. Mud: 10#, 44 vis, 7.8 WL, 2/32 FC, Ph 11. B#7, Smith, F-2, in @ 2787' & drlg, 877' in 65-1/2 hrs. \$ 62,526
6-21-75	3870'	Drlg sd & sh. 50 RPM, 25M#. Mud: 9.9#, 51 vis, 8 WL, 2/32 FC, Ph 11. B#7, Smith, F-2, in @ 2787' & drlg, 1083' in 88 hrs. ST Castlegate - 3657' \$ 65,226
6-22-75	3900'	WOC. Ran 91 jts, 3915', 7" OD 20# K-55 R-3 ST&C set @ 3900'KB, cmt'd w/200 sx 50-50 Poz w/3% CaCl & 1/4# Flocele/sx, PD 1:45 a.m. 6/22. Lost complete ret after 1/3 cmt mixed. Press @ end of displ 750#, but did not regain ret. ST Mancos 3765'. \$ 111,479
6-23-75	3900'	PU DP, GIH blwg dn, to air drl. Ran temp survey, indicated top cmt 2900' \$ 114,986
6-24-75	3980'	Drlg sh. Drlg w/air-dusting. 50 RPM, 6M#. Went in hole blwg dn. Tested csg. & BOP @ 1000#, OK. Started drlg out 2 a.m. 6/24. B#8, Smith, L-4, in @ 3900' & drlg, 80' in 4 hrs. \$ 118,148
6-25-75	4414'	Air drlg, dusting-sh. 50 RPM, 6M#. 1-1/2° @ 4150', 1-3/4° @ 4400'. B#8, Smith, L-4, in @ 3900' & drlg, 514' in 27 hrs. \$ 123,096
6-26-75	4971'	Air drlg, dusting. 1-1/2° @ 4720'. 50 RPM, 10M#. B#8, Smith, L-4, 3900-4445, 545' in 28 hrs. B#9, Reed, FP-72, in @ 4445' & drlg, 526 in 18-1/2 hrs. \$129,446

6-27-75	5655'	Drlg sh, drlg w/air-dusting. 50 RPM, 4M#. 1-3/4° @ 5250', 3° @ 5500'. B#9, Reed FP-72, in @ 4445' & drlg, 1210' in 41-1/4 hrs.	\$ 136,833
6-28-75	5980'	Drlg w/air-dusting. 3-3/4° @ 5710', 4-1/4° @ 5865'. 50 RPM, 3-4M#. B#9, Reed, FP-72, 4445-5723', 1278' in 43-1/4 hrs. B#10, HTD, J-55, in @ 5723' & drlg, 257' in 16-1/2 hrs.	\$ 140,338
6-29-75	6153'	Drlg w/air-dusting. 6-1/2° @ 6025' & 6050'; 6-1/4° @ 6127'. 50 RPM, 2M#. B#10, HTD, J-55, in @ 5723', 430' in 40-1/2 hrs.	\$ 142,310
6-30-75	6285'	Drlg w/air-dusting, sh. 6° @ 6187' & 6240'. 50 RPM, 2-4M#. B#10, HTD, J-55 in @ 5723', 562' in 63 hrs.	
7-01-75	6437'	Drlg w/air-dusting, sh. 50 RPM, 3-5M#. 5-3/4° @ 6310', 6370' & 6430'. B#10, HTD, J-55, 5723-6294, 571' in 64 hrs. B#11, Smith, F-4, in @ 6294' & drlg, 143' in 17 hrs.	\$ 145,548
7-02-75	6645'	Drlg w/air-dusting, sh. 5-1/4° @ 6530', 4-1/2° @ 6590'. 50 RPM, 4M#. B#11, Smith, F-4, in @ 6294' & drlg, 351' in 39-1/2 hrs.	\$ 147,919
7-03-75	6970'	Drlg w/air-dusting, sh & silt. 5° @ 6680' & 6870'. 50 RPM, 5M#. B#11, Smith, F-4, in @ 6294' & drlg, 676' in 59 hrs.	\$ 151,619
7-04-75	7530'	Drlg w/air. 5° @ -7000', 5-1/4° @ 7150'. 50 RPM, 5M#. B#11, Smith, F-4, in @ 6294', 1236' in 79 hrs. Check f/gas w/pitot tubs: 7370'-80', vy little; 7408'-40', 150 MCF; 7443'-60', 150 MCF, no inc.; 7500', 1 MCFPD. Sample tops: Dakota 7340', Morrison 7518'.	\$ 158,003
7-05-75	7600'	Drlg w/air, sh - logging - GIH w/DIL. B#11, Smith, F-4, 6294-7600, 1306' in 81-3/4 hrs. Well flwg, est rate 800 to 1000 MCFD.	\$ 161,426
7-06-75	7600'	Logging, ran Dual Induction Laterlog, Sidewall Neutron w/GR & Caliper & Comp Formation Density - WL TD 7586'	\$ 171,136
7-07-75	7600'	WOC. Ran 4-1/2" csg as follows: 196 jts 4-1/2 OD 10.5# K55 ST&C Rg 2-3 6,342.11 40 jts 4-1/2 OD 11.6# K55 ST&C Rg 2 Csg set @ 7564' KBM. Cmtd w/200 sx 50-50 Pozmix, 50 sx reg cl w/wtr loss additive & retarder preceded by 120 bbls mud & 20 bbls wtr. PD @ 12:30 a.m. 7/7/75. Bumped plug 2900#.	1,218.91 7,561.02
7-08-75	7600'	Rel rig 4:00 p.m. 7/7/75	\$ 249,786
7-09-75	7600'	TD - WO BLM approval to move rig to next loc.	\$ 251,186
7-10-75	7600'	TD - WO BLM approval to move rig to next loc.	\$ 251,186
7-11-75	7600'	TD - WO BLM approval to move rig to next loc.	\$ 251,186
7-12-75	7600'	TD - WO grading loc of #2-2 to move rig to next loc.	\$ 251,186
7-13-75	7600'	TD - WO grading loc of #2-2 to move rig to next loc.	\$ 251,186
7-14-75	7600'	TD - WO grading loc of #2-2 to move rig to next loc.	\$ 251,186
7-15-75	7600'	TD - WO compl of loc @ #2-2 to move rig	\$ 251,186
7-16-75	7600'	TD - Prep MORT to #2-2	\$ 251,186
7-17-75	7600'	TD - MORT	\$ 251,186
7-18-75	7600'	TD - MORT	\$ 251,186
7-19-75	7600'	TD - MORT	\$ 251,186
7-20-75	7600'	TD - MORT	\$ 251,186
7-21-75	7600'	TD - Cleaning loc, prep set anchors. MI & RU R & R Well Service	\$ 251,186
7-22-75	7600'	TD - Prep to set anchors, run correl & bond logs. Unit on loc, loc cleaned.	\$ 251,500
7-23-75	7600'	TD - Running 2-3/8" tbg & bit. Set anchors, rigged up service unit. RU McCull, ran collar locator to 7497', not deep enough, pulled out. Started picking up tbg & bit, ran in to 2100'. SDON.	\$ 256,700
7-24-75	7600'	TD - Finished picking up 2-3/8" tbg. Ran tbg to 7529' (241 jts total). Small bridge @ 7495'. Cleaned out to 7529'. POH w/148 jts. SDON	
7-25-75	7600'	TD - Swbg - Finished trip out of hole w/tbg. RU McCullough, ran GR Corr log w/Cmt Bond & Variable Density Log f/7509' to 5650'. Wireline PBTB 7509'. Indicated cmt top 5800'. Ran 2-3/8" tbg to 7450'. Rigged up to swb. SDON	\$ 260,350

7-26-75	7600'	TD - Swbd dn to 7200'. Prep to pull tbg to perf.	\$ 261,850
7-27-75	7600'	TD - POH w/tbg. Nippled up BOP & choke manifold. Perf Dakota 7492-7504; 7467-7478; 7440-7452; 7410-7422, 2 shots/ft. Measured gas after perf 150 MCFPD. Ran BHP Bomb. On btm 2 hrs, press 537,84#. Still bldg, 79-87# @ surf 1/2 hrs 375#. Next 1/2 hrs 414#, next 1/2 hr 457#, next 1/2 hr 477#, next 1/2 hr 538#, still bldg. Gradient stops @ 7250 - 465#, 7000 - 411#, 6000 - 304#, 5000 - 304#, surf 286# press.	
7-28-75	7600'	TD - Rig up Dowell to frac. Frac Dakota 7492-7504; 7467-7478; 7440-7452, 7410-7422. Dn 4-1/2" csg - 4 stages. All frac fluids consist of wtr frac 30# Guar-gum 2% KCL & Adomite Aqua, 30#/bbl & nitrogen @ 500 CFB:	
		Stage #1: 3000 gal PAD 24 BPM 500 to 2000 psi 2000 gal 1/2# 20-40 sd 23 BPM 2000# 2000 gal 1# 20-40 sd 33 BPM 2600# 2000 gal 1-1/2# 20-40 sd 33 BPM 2600# 2000 gal 2# 20-40 sd 34 BPM 2800# 6000 gal 2-1/2# 20-40 sd 34 BPM 2800# Dropped 24 ball sealers.	
		Stage #2: 1500 gal PAD 35 BPM 2850# 2000 gal 1/2# 20-40 sd 35 BPM 2850# 2000 gal 1# 20-40 sd 35 BPM 2900# 2000 gal 1-1/2# 20-40 sd 34 BPM 2900# 2000 gal 2# 20-40 sd 34-1/2 BPM 3000# 6000 gal 2-1/2# 20-40 sd 34-1/2 BPM 3000# Dropped 24 ball sealers.	
		Stage #3: 1500 gal PAD 35 BPM 3050# 2000 gal 1/2# 20-40 sd 35 BPM 3050# 2000 gal 1# 20-40 sd 35 BPM 3050# 2000 gal 1-1/2# 20-40 sd 35 BPM 3200# 2000 gal 2# 20-40 sd 34 BPM 3250# 6000 gal 2-1/2# 20-40 sd 34 BPM 3300# Dropped 24 ball sealers.	
7-28-75 Cont'd.		Stage #4: 1500 gal PAD 34 BPM 3000# 2000 gal 1/2# 20-40 sd 34 BPM 3300# 2000 gal 1# 20-40 sd 34 BPM 3300# 2000 gal 1-1/2# 20-40 sd 33 BPM 3350# 2000 gal 2# 20-40 sd 33 BPM 3350# 6000 gal 2-1/2# 20-40 sd 34 BPM 3400# 4900 gal flush wtr 2% KCL & friction reducer & nitrogen @ 34 BPM @ 3650#	
		Total wtr used 1664 bbls, 880 M standard cubic feet of nitrogen, 100,000# 20-40 sd. Max press 3650#, Avg 3300#, Avg rate 35 BPM. Instant SIP 1900#, 15 min 1600. Opened well up to flw back. Flwd 1 hr - 40 M. Died. Dead f/1 hr 30 min - kicked off - flwd f/1 hr. Died. Opened up 2:00 p.m. Small blw - no wir. 8 p.m. estimat wtr to pit 350 bbls.	\$ 299,639
7-29-75	7600'	Prep to CO sd. 8:00 a.m. well dead. Ran 2-3/8" tbg to 7452', hit sd @ 7452'.	\$ 301,479
7-30-75	7529'	Mixed 100 bbls KCL wtr. RU to CO sd. SDON PB - Prep to pull tbg & run sd pump. Att to circ hole w/2% KCL dn csg w/260 bbl no ret. Mixed add'l 120 bbl. Att to circ dn tbg, no ret. Total 380 bbl 2% KCL. SDON.	\$ 303,290
7-31-75	7529'	PB - Con to CO sd. POH w/tbg, RU sd pmp, pured rope socket, ran pmp CO sd 7452-7468'. SDON.	\$ 305,710
8-01-75	7529'	PB - Cont to CO sd. Ran sd pmp, tag sd @ 7455', CO sd 7455-7465, plunger stuck, SD to get another sd pmp.	\$ 306,760
8-02-75	7529'	PB - CO sand @ 7470'. Yest a.m., 200# CP, no fill overnight. RU 3" sand pump, pump sand 7465-70', vy little sand per run.	\$ 308,610
8-03-75	7529'	PB - Prep to blow down. Yest a.m., CP 100#, bled off, CO sand to 7471'. Laid gas line	\$ 309,610
8-04-75	7529'	PB - Cont blowing down. Yest a.m. 100# CP. Ran 2-3/8" tbg to 5500', blew 1 hr, blew down. Ran tbg to 6500', blew 1-1/2 hrs, blew down. Ran tbg to 7470', could not blow around. SDON.	\$ 311,035

8-5-75 7529' PB - Prep to run tubing. Att to blow down @ 7170', would not blow. Pld up to 6500', att to blow down, would not blow. PU pump & line, pumped water & gas down tubing, tubing plugged. Pulled out of hole, sand in bottom joint. SDON. \$ 312,616

8-6-75 7529' PB - Att to CO & cont blowing down Ran 2-3/8" tbg w/ notched collar and Otis "N" nipple 30' off btm, ran in to 5500', blew 1 hr, hvy mist at start to fine mist at end. Ran in to 6500', att to KO w/ gas. Pmp 50 EW w/ gas down casing, well KB. Blowed & flowed thru tbg 1 hr. Reversed thru casing, blowed & flowed 3 hr 15 min & died. Rec'd est 300 EW while blowing and flowing. SDON \$ 314,525

8-7-75 7529' PB - To cont swbg. Pld tbg up to 6000'. Attempted to kick off w/gas, blew 10-15 min & quit. Ran swab, FL 4500', swbd est 80 EW in 6 hrs, sli blow after each pull & quit. Flg f/ 6000', FL 5000' at end. SDON. \$ 316,325

8-8-75 7529' PB - Cont swbg. Yest a. m. TPO#, CP 425# (supply gas 425# on annulus) FL 4500'. Swbd est 120 EW in 10 hrs, FL 5000' at end, plg f/6000'. 3 runs/hr, gas with water ahead of swab. SDON. \$ 317,775

8-9-75 7529' PB - Cont blow w/booster. Swbd 36 B gas cgt wtr in 3 hrs. FL 4500 to 5000' Lowered tbg to 6350'. RU booster to blow around w/gas. Took 790# to blow initially, then 550# after initial unload. Blew 5 hrs. 1/2 to 3/4" stream w/hvy mist, est 15 EWPH, some sand in returns. SDON. \$319, 690

8-10-75 7529' PB - Blowing well. Yest A. M. SITP & SICP 600# (formation). Bled down & died. Blw around w/gas & booster, tbg @ 6350', 700# to kick off, blew 2 hrs then bled dn & lowered tbg to 7440'. Blw around, 990# to unload, leveled off to 625#. PU 3 jts & CO sand 7458-7509 (WL PBTB). Pld 1 jt to 7471' & cont'd to blow well @ nite w/625#. Est 385 EW rec'd in 22 hrs, est 735 EW to rec. \$323,237

8-11-75 7529' PB - Blowing w/supply gas. Blew w/booster, press 575# dec to 475# @ noon. Tag btm @ 12 noon, no fill, still little bit of sand. Landed tbg @ 7404'. NU Xmas tree. Kicked off w/booster after 2-1/2 hrs, took 700#. Blew w/booster to 5 P. M., press 400#, rel booster & rev equip. Blowing w/ supply gas, this a. m. 350#. Est 200 EW last 24 hr. \$335,037

8-12-75 7529' PB - Blowing with supply gas. Rev circ supply gas fr tbg to csg & blew until 12 noon, and shut off supply gas. Let well flow thru tbg. TP 25# psi, Csg Press 325#, open 2" line. Put on 3/4" @ 4:30 P. M. CP 330#. TP 50# psi @ 5:00 P. M. Flowing water & gas @ est. 1000 to 1250 MCFD. This a. m. CP 300#, TP 55# on 3/4" still flowing. Lot mist. Est 1100 MCFD. Est 1-2 EWPH. \$336,337

8/13/75 7529' PB - COMPLETED GAS WELL 8-13-75 Flwg est 1100 MCFD, 3/4" ch, 300# CP, 50# TP. Hvy mist of wtr fr Dakota perf @ 7410-22, 7440-52, 7467-78, 7492-7504. Released unit at 4 P. M. 8-12-75 \$337,637



UTAH
NATURAL RESOURCES
Oil, Gas & Mining

35E West North Temple, 3 Triad Center, Suite 350, Salt Lake City, UT
84180-1203. (801-538-5340)

MONTHLY OIL AND GAS PRODUCTION REPORT

012920

Operator name and address:

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

Utah Account No. NO080

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)
SAN ARROYO 2	4301915885	00505	16S 25E 22	ENRD	*			
SAN ARROYO 3	4301915886	00505	16S 25E 23	ENRD	*			
SAN ARROYO 5	4301915888	00505	16S 25E 25	ENRD	*			
SAN ARROYO 6	4301915889	00505	16S 25E 21	ENRD	*			
SAN ARROYO 7	4301916532	00505	16S 25E 26	ENRD	*			
SAN ARROYO 14	4301915895	00510	16S 25E 16	MRSN	*			
BITTER CREEK #1	4301930047	00515	16S 25E 2	CDMTN	*			
ARCO-STATE 2-1	4301930240	00520	16S 24E 2	DKTA	*			
ARCO-STATE 2-2	4301930241	00520	16S 24E 2	DKTA	*			
ENGLISH #1	4303715911	00525	43S 22E 22	PRDX	31	0	171	0
ENGLISH #6	4303715915	00525	43S 22E 16	PRDX	SI	0	0	0
ENGLISH #7	4303715916	00525	43S 22E 16	PRDX	SI	0	0	0
ENGLISH #9	4303715918	00525	43S 22E 16	PRDX	SI	0	0	0
TOTAL						0	171	0

Comments (attach separate sheet if necessary) * SEE COMMENT PAGE 10 OF 6 - Properties Sold, Effective 9-1-86, To: Buch Corporation

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

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 <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO.
2. NAME OF OPERATOR Graham Royalty, Ltd.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 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.) At surface		8. FARM OR LEASE NAME
14. PERMIT NO.		9. WELL NO.
15. ELEVATIONS (Show whether OF, RT, 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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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:

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



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		
API Number	Entity	Location			Oil (BBL)	Gas (MSCF)	Water (BBL)
4301931252	00500	16S 26E 20	DK-MR				
4301931253	00500	16S 25E 16	MRSN				
4301915885	00505	16S 25E 22	ENRD				
4301915886	00505	16S 25E 23	ENRD				
4301915888	00505	16S 25E 25	ENRD				
4301915889	00505	16S 25E 21	ENRD				
4301916532	00505	16S 25E 26	ENRD				
4301931250	00505	16S 25E 27	ENRD				
4301930047	00515	16S 25E 2	DK-MR				
4301930240	00520	16S 24E 2	DKTA				
4301930241	00520	16S 24E 2	DKTA				
4301331096	04519	03S 06W 9	WSTC				
4304730183	04520	02S 01E 4	GR-WS				
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 _____

June 6, 1989

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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

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MAR 12 1990

DIVISION OF
OIL, GAS & MINING

STATE OF UTAH

BOARD AND DIVISION OF OIL, GAS AND 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

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Department of Natural Resources, Division of State Lands & Forestry, holder of lease, ML 22208 :

and hereby designates

NAME: Graham Royalty, Ltd.
ADDRESS: 1675 Larimer Street, Suite 400
Denver, Colorado 80202

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

TOWNSHIP 15½ SOUTH - RANGE 24 EAST, S.L.M.

SECTION 36: ALL

TOWNSHIP 16 SOUTH - RANGE 24 EAST, S.L.M.

SECTION 2: ALL *ARCO STATE 2-1*
GRAND COUNTY, UTAH *API # 43-019-30240*

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

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

The lessee agrees promptly to notify the Division of State Lands & Forestry of any change in the designated operator.

Prudential-Bache Energy Growth Fund L.P. G-1
Prudential-Bache Energy Growth Fund L.P. G-2

By: Graham Royalty, Ltd., General Partner

By:

T. J. Burnett, Jr.

(Signature of Lessee)
T. J. Burnett, Jr.

Senior Vice President - Land
109 Northpark Blvd.

Covington, Louisiana 70433

(Address)

May 24, 1989
(Date)

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

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			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
SAN ARROYO 6								
4301915889	00505	16S 25E 21	ENRD	U-025244				
SAN ARROYO 1								
4301916532	00505	16S 25E 26	ENRD	U-071307				
SAN ARROYO UNIT #40								
4301931250	00505	16S 25E 27	ENRD	U-0370-A				
BITTER CREEK #1								
4301930047	00515	16S 25E 2	DK-MR	ML-25151				
ARCO-STATE 2-1								
4301930240	00520	16S 24E 2	DKTA	ML-22208				
ARCO-STATE 2-2								
4301930241	00520	16S 24E 2	DKTA	ML-22208				
FEDERAL 174 #1								
4301915884	08340	16S 25E 11	DKTA	U-0126528	"CA NW-115"			
FEDERAL GILBERT #1								
4301911089	08341	16S 25E 11	ENRD	U-0126528	" CA NW-115 "	Btm/moab NAPRV eff. 1-10-94		
FEDERAL 31-1								
4301730765	08345	15S 24E 31	DKTA	U-14234	Btm/vernal NAPRV eff. 1-10-94			
ARCO STATE 36-7								
4301931162	09710	15S 24E 36	CM-MR	ML-22208				
ARCO STATE #36-8								
4301931192	09710	15S 24E 36	DK-MR	ML-22208				
TOTALS								

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

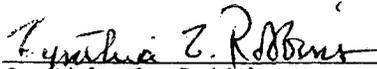
Attn: Ms. Lisha Cordova

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 _____

(Location) Sec ___ Twp ___ Rng ___
(API No.) _____

Suspense
(Return Date) _____
(To - Initials) _____

Other
Operator Change

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

2. DOGM Employee (name) L. 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 - Linde Goldsby "Graham" referred to Btm 15.4.

Division of Oil, Gas and Mining
PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

Well File _____
(Location) Sec _____ Twp _____ Rng _____
(API No.) _____

Suspense
(Return Date) _____
(To - Initials) _____

Other
Operator Change

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

2. DOGM Employee (name) J. 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 Bernard (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	GS1	UTU0370A	GRAHAM ROYALTY LIMITED
891003859A	✓430191589500X1	14	SWNE	16	16S	25E	ABD	STATE	GRAHAM ROYALTY LIMITED
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	GS1	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	GS1	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-RJF		✓
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. N 0505(A)

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

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

Name **SEE ATTACHED**	API: <u>019-36240</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

- lec 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 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). *(Re Graham Royalty, LTD, Graham Energy, LTD and Graham Resources Inc.)*
- lec 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.
- lec 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.
- lec 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(1-10-94)*
- lec 6. Cardex file has been updated for each well listed above. *(1-10-94)*
- lec 7. Well file labels have been updated for each well listed above. *(1-10-94)*
- lec 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)*
- lec 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. *DCS 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 Btm/S.Y. Approved C.A. NW-115 and San Arroyo Unit eff. 12-29-93.

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

6. Lease Designation and Serial Number

ML-222208

7. Indian Allottee or Tribe Name

8. Unit or Communitization Agreement

9. Well Name and Number

SEE BELOW

10. API Well Number

SEE BELOW

11. Field and Pool, or Wildcat

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

County : GRAND
State : UTAH

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

NOTICE OF INTENT
(Submit in Duplicate)

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

Approximate Date Work Will Start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

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

Date of Work Completion _____

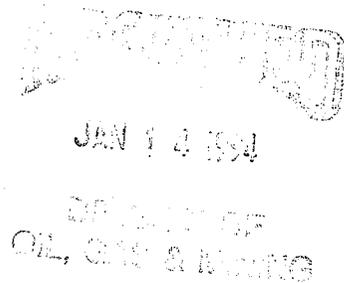
Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* 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
ARCO STATE 2-1	4301930240	16S 24E 2
ARCO STATE 2-2	4301930241	16S 24E 2
ARCO STATE 36-7	4301931162	15S 24E 36
ARCO STATE 36-8	4301931192	15S 24E 36



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)

**Rec'd 4-11-94*

S. E. U. T. CO.
Accommodation Recording
Not Examined

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

**ASSIGNMENT, BILL OF SALE
AND CONVEYANCE**

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 "(MMMF)" 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 MMMF 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

ATTEST:

By: _____

By: Graham Energy, Ltd.,
as General Partner

By: _____

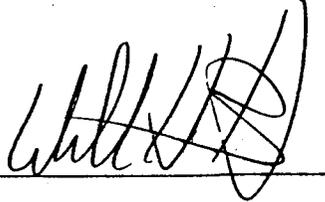
Kenneth M. McKinney
Vice President

[SEAL]

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

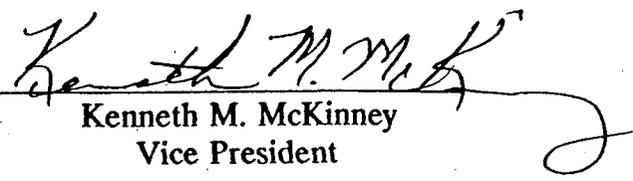
ATTEST:

By: _____



By: Graham Energy, Ltd., as
General Partner

By: _____


Kenneth M. McKinney
Vice President

[SEAL]

WITNESSES TO ASSIGNORS'
SIGNATURES:

Muna E. Merc

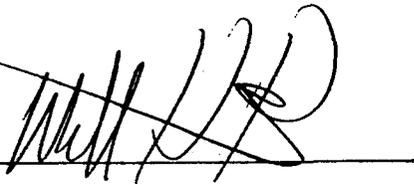
Belinda J. Metz

ASSIGNEE:

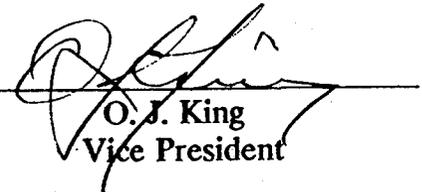
NORTHSTAR GAS COMPANY, INC.

ATTEST:

By: _____



By: _____


O. J. King
Vice President

[SEAL]

WITNESSES TO ASSIGNEE'S
SIGNATURE:

Muna E. Merc

Belinda J. Metz

STATE OF LOUISIANA

PARISH OF ORLEANS

ON THIS, the 20^R 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]

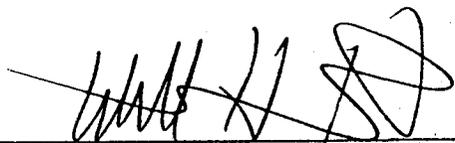


STATE OF LOUISIANA

PARISH OF ORLEANS

ON THIS, the 20th 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 20th 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

Lease Serial Number	Lessor	Lessee	Description of Lands	Book	Page	Lease Date	Associated Properties
ML-22208 (1038)	State of Utah	Atlantic Richfield Company	T15 1/2S, R24E, S1M Sec. 36: All T16S, R24E, S1M Sec. 2: All	220	177	9-28-64	ARCO State 2-1, 2-2, 36-7, 36-8
U-29645 (1174)	U.S.A.	Atlantic Richfield Company	T16S, R25E, S1M Sec. 27: SW/4, S/2 SE/4 Sec. 34: NE/4, NE/4 NW/4, NE/4 SE/4			5-1-75	ARCO 27-1 Valentine Fed #2 ARCO Fed D-1
ML-25151 (191-1)	State of Utah	Sinclair Oil & Gas Company	T16S, R25E, S1M Section 2: All	163	390	3-7-68	Bittercreek #1
J-0126528 (174-1)	U.S.A.	James F. Gilbert	T16S, R25E, S1M Sec. 11: N/2, N/2 SW/4, SE/4 SW/4, SE/4 Sec. 12: S/2			12-1-63	Federal Gilbert #1 Federal 174-1 ARCO Fed H-1
U-0141420 (180-1)	U.S.A.	Sinclair Oil Company	T16S, R25E, S1M Sec. 11: SW/4 SW/4			8-1-64	Federal 174-1
ML-4113 (44-1)	State of Utah	Lois A. Aubrey	T16S, R25E, S1M Sec. 16: All	6-Q	207	1-2-52	San Arroyo Unit Area
U-05011-A (45-2)	U.S.A.	Pierce T. Norton	T16S, R25E, S1M Sec. 14: NW/4, SE/4 SE/4, N/2 SE/4, NE/4 SW/4 Sec. 15: NE/4			9-1-51 *4-1-55	Tenneco Fed 14-2 San Arroyo Unit Area

Lease Segregated Effective

EXHIBIT "A"
PART I

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

Lease Segregated Effective

EXHIBIT "A"
PART I

Lease Serial Number	Lessor	Lessee	Description of Lands	Book	Page	Lease Date	Associated Properties
U-05011-B (56-1)	U.S.A.	Pierce T. Norton	T16S, R25E, S1M Sec. 14: SW/4 SE/4, W/2 SW/4, SE/4 SW/4 Sec. 15: SE/4			9-1-51 *2-1-57	San Arroyo Unit Area
U-05059-C (57-1)	U.S.A.	L. J. Batchelor	T16S, R25E, S1M Sec. 15: E/2 SW/4, SW/4 SW/4			*3-1-57	San Arroyo Unit Area
U-025243 (60-1)	U.S.A.	Clair D. Jones	T16S, R25E, S1M Sec. 24: W/2 NE/4			*8-27-57	San Arroyo Unit Area
U-025245 (61-1)	U.S.A.	Fred A. Moore	T16S, R26E, S1M Sec. 29: NE/4 NW/4			2-1-52 *9-1-57	San Arroyo Unit Area
U-025297 (64-2)	U.S.A.	C. M. Rood	T16S, R26E, S1M Sec. 19: W/2 W/2 S/2 NE/4, NE/4 SE/4 Sec. 20: W/2			3-1-52	San Arroyo Unit Area
J-06188-B (74-1)	U.S.A.	Sinclair Oil Corporation	T16S, R25E, S1M Sec. 35: W/2			3-1-52	San Arroyo Unit Area
U-05059-F (134-1)	U.S.A.	L. J. Batchelor	T16S, R25E, S1M Sec. 15: NW/4 NW/4			10-1-51 *9-19-61	San Arroyo Unit Area
U-025243-A (139-1)	U.S.A.	Clair D. Jones	T16S, R25E, S1M Sec. 26: SW/4 SW/4			2-1-51 *1-1-61	San Arroyo Unit Area
U-05650 (176-1)	U.S.A.	Virginia E. Lewis	T16S, R26E, S1M Sec. 21: Lots 2, 3, 4, W/2 W/2 Sec. 20: E/2 Sec. 28: Lots 1, 2, 3, 4 W/2 W/2 Sec. 29: NE/4			12-1-51	San Arroyo Unit Area

Lease Segregated Effective

EXHIBIT "A"
PART I

Lease Serial Number	Lessor	Lessee	Description of Lands	Book	Page	Lease Date	Associated Properties
U-0136529 (4000-1)	U.S.A.	Clair D. Jones	T16S, R25E, S1M Sec. 21: W/2 NE/4, E/2 NW/4, W/2 SE/4, SE/4 SE/4, NE/4 SW/4, Sec. 27: W/2 NW/4, SE/4 NW/4, NW/4 SE/4 Sec. 28: NE/4 NE/4			2-1-51 *1-22-64	San Arroyo Unit Area
U-05650-A (177-1)	U.S.A.	Virginia E. Lewis	T16S, R26E, S1M Sec. 21: Lot 1			12-1-51 *10-1-61	San Arroyo Unit Area
U-9831 (949)	U.S.A.	Williams H. Short, Jr. and Franklin Knobel	T16S, R25E, S1M INsofar AND ONLY INsofar as said lease covers: Sec. 6: All			10-10-69	ARCO Fed B-1
U-14234	U.S.A.	Arthur E. Meinhart	T15S, R24E, S1M Sec. 30: All Sec. 31: All Uintah Co., UT			4-1-71	Black Horse Canyon 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
Unit Area | 1. Unit Agreement for the Development and Operation of the San Arroyo Unit Area, dated June 11, 1956. |
| San Arroyo
Unit Area | 2. Unit Operating Agreement for the San Arroyo Unit Area, dated August 16, 1961. |
| Valentine
Fed #2 | 3. Communitization Agreement covering the W $\frac{1}{2}$ of Section 34, T16S-R25E. |
| ARCO
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
Fed. 14-2 | 6. Communitization Agreement dated January 1, 1980, covering the N $\frac{1}{2}$ of Section 14, T16S-R25E. |
| Tenneco
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
Fed. H-1
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
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
Fed. B-1,
Fed. C-1;
Valentine
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 $\frac{1}{4}$ NE $\frac{1}{4}$ and S $\frac{1}{2}$ N $\frac{1}{2}$ of Section 35, T16S-R25E. |

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

PROPERTY NAME	COUNTY	STATE	OPERATOR	WORKING INTEREST DECIMAL	NET REVENUE INTEREST DECIMAL	OVERRIDING ROYALTY INTEREST 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	0.03828120	
FEDERAL 174 #1	GRAND	UTAH	URI	1.00000000	0.84875000	
BITTIERCREEK #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	0.19140620	
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.

Speed Letter.

To Ed Bonner

From Don Staley

State Lands

Oil, Gas and Mining

Subject Operator Change

- No. 9 & 10 FOLD
MESSAGE

Date 4/14 1994

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

Former Operator: GRAHAM ENERGY LTD. (N 7570)

New Operator : NORTHSTAR GAS CO. (N 6680)

Well:	API:	Entity:	S-T-R:
<u>FEDERAL 174-1</u>	<u>43-018-15884</u>	<u>08340</u>	<u>11-165-25E</u>
<u>BITTER CREEK 1</u>	<u>30047</u>	<u>00515</u>	<u>2-165-25E</u>
<u>ARCO STATE 2-1</u>	<u>30240</u>	<u>00520</u>	<u>2-165-24E</u>
<u>ARCO STATE 2-2</u>	<u>30241</u>	<u>00520</u>	<u>2-165-24E</u>
<u>ARCO STATE 36-7</u>	<u>31162</u>	<u>09710</u>	<u>36-155-24E</u>
<u>ARCO STATE 36-8</u>	<u>31172</u>	<u>09710</u>	<u>36-155-24E</u>

CC: Operator File

Signed Don Staley

REPLY

Date _____ 19__

Signed

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1-LEC	7-SJ	✓
2-DEC	8-FILE	✓
3-VLC		✓
4-RJH		✓
5-DEC		✓
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 GRESSNER #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 (713)	<u>935-9542</u>	phone (713)	<u>937-4314</u>
account no.	<u>N 6680</u>	account no.	<u>N 7590</u>

Well(s) (attach additional page if needed): ***CA NW-115**

Name: <u>*FEDERAL 174 #1/DKTA</u>	API: <u>43-019-15884</u>	Entity: <u>8340</u>	Sec <u>11</u> Twp <u>16S</u> Rng <u>25E</u>	Lease Type: <u>U012652</u>
Name: <u>BITTER CREEK 1/CDMTN</u>	API: <u>43-019-30047</u>	Entity: <u>00515</u>	Sec <u>2</u> Twp <u>16S</u> Rng <u>25E</u>	Lease Type: <u>ML25151</u>
Name: <u>ARCO-STATE 2-1/DKTA</u>	API: <u>43-019-30240</u>	Entity: <u>00520</u>	Sec <u>2</u> Twp <u>16S</u> Rng <u>24E</u>	Lease Type: <u>ML22208</u>
Name: <u>ARCO-STATE 2-2/DKTA</u>	API: <u>43-019-30241</u>	Entity: <u>00520</u>	Sec <u>2</u> Twp <u>16S</u> Rng <u>24E</u>	Lease Type: <u>ML22208</u>
Name: <u>ARCO STATE 36-7/CM-MR</u>	API: <u>43-019-31162</u>	Entity: <u>09710</u>	Sec <u>36</u> Twp <u>15S</u> Rng <u>24E</u>	Lease Type: <u>ML22208</u>
Name: <u>ARCO STATE 36-8/DK-MR</u>	API: <u>43-019-31192</u>	Entity: <u>09710</u>	Sec <u>36</u> Twp <u>15S</u> Rng <u>24E</u>	Lease Type: <u>ML22208</u>
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

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

- lec* 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.
- lec* 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) no. Today's date _____ 19____. If yes, division response was made by letter dated _____ 19____.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY STATE LANDS USE

- H/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.
- D's* 2. Copies of documents have been sent to State Lands for changes involving State leases.
4/14/94 to Ed Bonner

FILMING

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

FILING

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

COMMENTS

940328 Bhm/S.Y. Apprv. eff. 3-23-94.

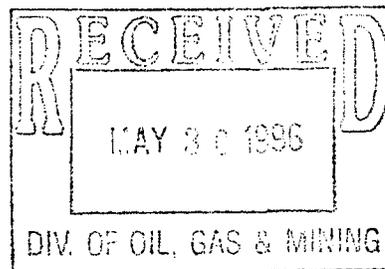


600 Central Park Two / 515 Central Park Drive / Oklahoma City, OK 73105
Post Office Box 24300 / Oklahoma City, Oklahoma 73124-0300
405 525-7788 / FAX 405 557-5258

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

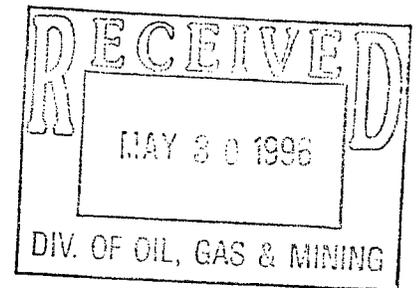
Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER: _____		5. Lease Designation and Serial Number: ML-22208
2. Name of Operator: ENOGEX EXPLORATION CORPORATION		6. If Indian, Alkottae or Tribe Name: _____
3. Address and Telephone Number: P.O. Box 24300, Oklahoma City, OK 73124-0300		7. Unit Agreement Name: _____
4. Location of Well Footages: OO, Sec., T., R., M.: SE/4 Section 2-16S-24E		8. Well Name and Number: Arco State 2-1
		9. API Well Number: 43-019-30240
		10. Field and Pool, or Wildcat: _____
		County: Grand State: Utah

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

NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
<input type="checkbox"/> Abandon <input type="checkbox"/> Repair Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Fracture Treat or Acidize <input type="checkbox"/> Multiple Completion <input type="checkbox"/> Other _____ Approximate date work will start _____	<input type="checkbox"/> Abandon * <input type="checkbox"/> Repair Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Fracture Treat or Acidize <input checked="" type="checkbox"/> Other <u>Change of Operator</u> Date of work completion <u>5/1/96</u> Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form. * Must be accompanied by a cement verification report.
<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Recomplete <input type="checkbox"/> Reperforate <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Reperforate <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off

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



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

(This space for State use only)

WELL LISTING FOR ACQUISITION FROM NORTHSTAR RESOURCES, INC.

EFFECTIVE 3/1/96

	WELL NAME	DESCRIPTION	SEC.	TWN	RGE	COUNTY	STATE
1	BLACKHORSE FEDERAL #31-1	E/2 SW/4	31	15S	24E	UINTAH	UTAH
2	ARCO STATE #2-1	SE/4	2	16S	24E	GRAND	UTAH
3	ARCO STATE #2-2	NW/4	2	16S	24E	GRAND	UTAH
4	ARCO STATE #36-7	SE/4	36	15 1/2S	24E	GRAND	UTAH
5	ARCO STATE #36-8	SW/4	36	15 1/2S	24E	GRAND	UTAH
6	ARCO STATE #27-1	SW/4	27	16S	25E	GRAND	UTAH
7	FEDERAL 174 #1	SW/4	11	16S	25E	GRAND	UTAH
8	BITTERCREEK #1	S/2 S/2	2	16S	25E	GRAND	UTAH
9	SAN ARROYO #1	S/2 N/2	26	16S	25E	GRAND	UTAH
10	SAN ARROYO #2 (Non-Producing)	S/2 N/2	22	16S	25E	GRAND	UTAH
11	SAN ARROYO #3	NW/4	23	16S	25E	GRAND	UTAH
12	SAN ARROYO #40	NE/4 NE/4	27	16S	25E	GRAND	UTAH
13	SAN ARROYO #5	SE/4	25	16S	25E	GRAND	UTAH
14	SAN ARROYO #6	SW/4 NE/4	21	16S	25E	GRAND	UTAH
15	SAN ARROYO #4	SW/4	30	16S	26E	GRAND	UTAH
16	SAN ARROYO #8	SW/4	16	16S	25E	GRAND	UTAH
17	SAN ARROYO #9	SW/4 NE/4	27	16S	25E	GRAND	UTAH
18	SAN ARROYO #11	SW/4	15	16S	25E	GRAND	UTAH
19	SAN ARROYO #12	SW/4	23	16S	25E	GRAND	UTAH
20	SAN ARROYO #13	SW/4	22	16S	25E	GRAND	UTAH
21	SAN ARROYO #16	SW/4	26	16S	25E	GRAND	UTAH
22	SAN ARROYO #17	NE/4	24	16S	25E	GRAND	UTAH
23	SAN ARROYO #18	NW/4 NW/4	30	16S	26E	GRAND	UTAH
24	SAN ARROYO #19	SE/4	14	16S	25E	GRAND	UTAH
25	SAN ARROYO #20	NE/4	26	16S	25E	GRAND	UTAH
26	SAN ARROYO #21	SE/4	25	16S	25E	GRAND	UTAH
27	SAN ARROYO #22	NE/4	15	16S	25E	GRAND	UTAH
28	SAN ARROYO #24	NW/4	19	16S	26E	GRAND	UTAH
29	SAN ARROYO #25	NE/4	21	16S	25E	GRAND	UTAH
30	SAN ARROYO #26	SW/4	20	16S	26E	GRAND	UTAH
31	SAN ARROYO #27	SW/4	29	16S	26E	GRAND	UTAH
32	SAN ARROYO #28	NE/4	29	16S	26E	GRAND	UTAH
33	SAN ARROYO #29	NE/4	22	16S	25E	GRAND	UTAH
34	SAN ARROYO #30	W/2	21	16S	26E	GRAND	UTAH
35	SAN ARROYO #31	NW/4 NW/4	22	16S	25E	GRAND	UTAH
36	SAN ARROYO #32 (Non-Producing)	SW/4	14	16S	25E	GRAND	UTAH
37	SAN ARROYO #33	SW/4	25	16S	25E	GRAND	UTAH
38	SAN ARROYO #35	SW/4	24	16S	25E	GRAND	UTAH
39	SAN ARROYO #36A	SE/4	19	16S	26E	GRAND	UTAH
40	SAN ARROYO #37	NE/4	20	16S	26E	GRAND	UTAH
41	SAN ARROYO #38	N/2	16	16S	25E	GRAND	UTAH
42	GILBERT FEDERAL #1(Non-Producing)	W/2 NE/4	11	16S	25E	GRAND	UTAH

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number:
ML - 22208

SUNDRY NOTICES AND REPORTS ON WELLS

6. If Indian, Allottee or Tribe Name:

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.

7. Unit Agreement Name:

1. Type of Well: OIL GAS OTHER:

8. Well Name and Number:
ARCO STATE 2-1

2. Name of Operator: Northstar Gas Co., Inc. 820 Gessner, Suite 1630,
Houston, TX 77024. (713)9359542

9. API Well Number:
43-019-30240

3. Address and Telephone Number:

10. Field and Pool, or Wildcat:

4. Location of Well

Footages:

QQ, Sec., T., R., M.: 2 - T16S - R24E

County: Grand

State: Utah

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

NOTICE OF INTENT
(Submit in Duplicate)

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

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

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

Date of work completion _____

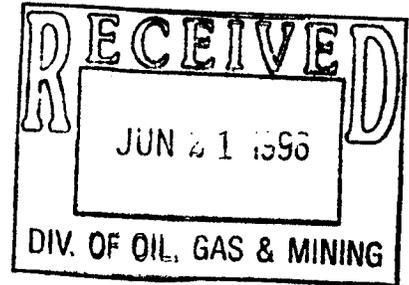
Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* 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.)

ENOGEX Exploration Company took over operations from Northstar Gas Company, Inc.

5/1/96 with the effective date of the sale 3/1/96.



13.

Name & Signature:

Harry J. Dean

Title:

President

Date:

6/19/96

(This space for State use only)

NORTH STAR GAS COMPANY

M E M O

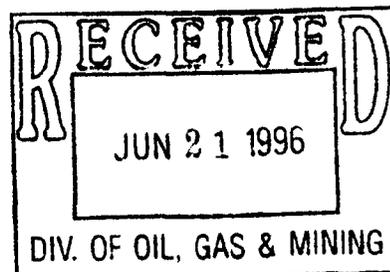
DATE: June 19, 1996

TO: Lisha Cordova

FROM: Harry Dean

SUBJECT: Sundry Notices

Please find enclosed Sundry Notices for the Arco State wells 2-1,2-2,36-7,36-8 and the Bitter Creek # 1. If you should require additional information, please let me know.



DOGM SPEED LETTER

To: Ed Bonner

From: Don Staley

School & Institutional Trust

Division of Oil, Gas & Mining

Lands Administration

Subject: Operator Change

MESSAGE		Date <u>7/8</u> 19 <u>96</u>		
Ed,				
For your information, attached are copies of documents regarding an operator change on a state lease(s)				
These companies have complied with our requirements. Our records have been updated. Bonding should be reviewed by your agency ASAP.				
Former Operator: Northstar Gas Company Inc (N6680)				
New Operator: Enogex Exploration Corp (N7430)				
Well(s):	API:	Entity:	S-T-R:	Lease:
Arco State 2-1	43-019-30240	00520	2-16S-24E	ML-22208
Arco State 2-2	43-019-30241	00520	2-16S-24E	ML-22208
Arco State 36-7	43-019-31162	09710	36-15.5S-24E	ML-22208
Arco State 36-8	43-019-31192	09710	36-15.5S-24E	ML-22208
Bitter Creek 1	43-019-30047	00515	2-16S-25E	ML-25151
San Arroyo Unit 38	43-019-31253	00500	16-16S-25E	ML-4113
San Arroyo Unit 41	43-019-31289	00500	36-16S-25E	ML-4668
cc: Operator File			Signed <u>Don Staley</u>	

REPLY	Date _____ 19 _____
Signed _____	

OPERATOR CHANGE WORKSHEET

Routing:	
1-LEC ✓	6-LEC ✓
2-GLH ✓	7-KDR ✓
3-DPS/DLS ✓	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: 5-1-96

TO: (new operator)	<u>ENOGEX EXPLORATION CORP.</u>	FROM: (old operator)	<u>NORTHSTAR GAS COMPANY INC</u>
(address)	<u>PO BOX 24300</u>	(address)	<u>820 GESSNER #1630</u>
	<u>OKLAHOMA CITY OK 73124-0300</u>		<u>HOUSTON TX 77024</u>
	<u>Phone: (405)525-7788</u>		<u>Phone: (713)935-9542</u>
	<u>Account no. N7430</u>		<u>Account no. N6680</u>

WELL(S) attach additional page if needed:

Name: <u>ARCO STATE 2-1/DKTA</u>	API: <u>43-019-30240</u>	Entity: <u>520</u>	S <u>2</u>	T <u>16S</u>	R <u>24E</u>	Lease: <u>ML-22208</u>
Name: <u>ARCO STATE 2-2/DKTA</u>	API: <u>43-019-30241</u>	Entity: <u>520</u>	S <u>2</u>	T <u>16S</u>	R <u>24E</u>	Lease: <u>ML-22208</u>
Name: <u>ARCO STATE 36-7/CM-MR</u>	API: <u>43-019-31162</u>	Entity: <u>9710</u>	S <u>36</u>	T <u>15.5S</u>	R <u>24E</u>	Lease: <u>ML-22208</u>
Name: <u>ARCO STATE 36-8/DK-MR</u>	API: <u>43-019-31192</u>	Entity: <u>9710</u>	S <u>36</u>	T <u>15.5S</u>	R <u>24E</u>	Lease: <u>ML-22208</u>
Name: <u>BITTER CREEK 1/CDMTN</u>	API: <u>43-019-30047</u>	Entity: <u>515</u>	S <u>2</u>	T <u>16S</u>	R <u>25E</u>	Lease: <u>ML-25151</u>
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

- LEC 1. (r649-8-10) Sundry or other legal documentation has been received from the FORMER operator (attach to this form). (Rec'd 6-11-96) (Rec'd 6-21-96)
- LEC 2. (r649-8-10) Sundry or other legal documentation has been received from the NEW operator (Attach to this form). (Rec'd 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: _____
- N/A 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.
- LEC 5. Changes have been entered in the Oil and Gas Information System (3270) for each well listed above. (6-24-96)
- LEC 6. Cardex file has been updated for each well listed above. (6-24-96)
- LEC 7. Well file labels have been updated for each well listed above. (6-24-96)
- LEC 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. (6-24-96)
- LEC 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) Surety

- 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

- WDR 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



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

ASCENDO ENERGY, LLC

API NUMBER	Well Name	Entity	WELL STATUS
4301915886	SAN ARROYO # 3	500	P
4301915887	SAN ARROYO # 4	500	P
4301915890	SAN ARROYO # 8	500	P
4301915891	SAN ARROYO # 9	500	P
4301915892	SAN ARROYO #11	500	P
4301915893	SAN ARROYO #12	500	P
4301915894	SAN ARROYO #13	500	P
4301915896	SAN ARROYO #16	500	S
4301915897	SAN ARROYO #17	500	P
4301915898	SAN ARROYO #18	500	P
4301915899	SAN ARROYO #19	500	P
4301915900	SAN ARROYO #20	500	P
4301915901	SAN ARROYO #21	500	P
4301915902	SAN ARROYO #22	500	P
4301915903	SAN ARROYO #24	500	P
4301915904	SAN ARROYO #25	500	P
4301915905	SAN ARROYO #26	500	P
4301915906	SAN ARROYO #27	500	P
4301915907	SAN ARROYO #28	500	P
4301915908	SAN ARROYO #29	500	P
4301915909	SAN ARROYO #30	500	P
4301930527	SAN ARROYO #31	500	P
4301930528	SAN ARROYO #32	500	P
4301930608	SAN ARROYO #33	500	S
4301911090	SAN ARROYO #35	500	P
4301931251	SAN ARROYO #36A	500	P
4301931252	SAN ARROYO #37	500	P
4301931253	SAN ARROYO #38	500	P
4301931289	SAN ARROYO #41	500	P
4301931290	SAN ARROYO #42	500	P
4301931291	SAN ARROYO #43	500	P
4301931301	SAN ARROYO #44	500	P
4301931299	SAN ARROYO #45	500	P
4301931318	SAN ARROYO #47	500	P
4301931316	SAN ARROYO #49	500	P
4301916532	SAN ARROYO # 1	505	S
4301915885	SAN ARROYO # 2	505	S
4301915888	SAN ARROYO # 5	505	S
4301915889	SAN ARROYO # 6	505	S
4301931250	SAN ARROYO #40	505	S
4301930047	BITTERCREEK #1	515	P
4301930240	ARCO STATE #2-1	520	P
4301930241	ARCO STATE #2-2	520	P
4301915884	FEDERAL 174 #1	8340	P
4301911089	GILBERT FEDERAL #1	8341	P
4304730765	BLACKHORSE FEDERAL #31-1	8345	P
4301931162	ARCO STATE #36-7	9710	P
4301931192	ARCO STATE #36-8	9710	P
4301930570	ARCO STATE #27-1	11595	P

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

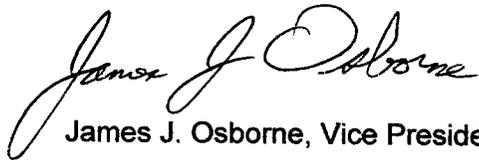
Re: Change of Operator

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

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

5. Lease Designation and Serial No.
ML-22208

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

ARCO-STATE NO. 2-1

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

CRESCENDO ENERGY PARTNERS, LLC

3. Address and Telephone No.

P.O. BOX 1814, MIDLAND, TX 79702 (915) 697-7221

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

SECTION 2-T16S-R24E
2014'FSL, 1003' FEL

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

TYPE OF SUBMISSION

Notice of Intent
 Subsequent Report
 Final Abandonment Notice

TYPE OF ACTION

Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other CHANGE OF OPERATOR
 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.)*

CHANGE OF OPERATOR

CRESCENDO ENERGY PARTNERS, LLC IS TAKING OVER OPERATIONS OF THE ABOVE CAPTIONED WELL.

CRESCENDO ENERGY PARTNERS, LLC IS RESPONSIBLE UNDER THE TERMS AND CONDITIONS OF THE LEASE FOR OPERATIONS CONDUCTED ON THE LEASED LANDS OR PORTIONS THEREOF.

BOND COVERAGE FOR THIS WELL WILL BE PROVIDED BY BLM BOND NO 0437484

EFFECTIVE DATE: JUNE 30, 2000

RECEIVED

OCT 10 2000

DIVISION OF
OIL, GAS AND MINING

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

Signed [Signature] Title ENGINEER

Date 9-26-00

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title _____

Date _____

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH		4-KAS ✓
2. CDW ✓		5- 170 ✓
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:

6-30-2000

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:

WELL(S)

NAME	API NO.	ENTITY NO.	SEC. TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
ARCO STATE NO. 2-1	43-019-30240	520	02-16S-24E	STATE	GW	P
ARCO STATE NO. 2-2	43-019-30241	520	02-16S-24E	STATE	GW	P
ARCO STATE NO. 36-7	43-019-31162	9710	36-15.5S-24E	STATE	GW	P
ARCO STATE NO. 36-8	43-019-31192	9710	36-16S-24E	STATE	GW	P
BITTER CREEK NO. 1	43-019-30047	515	02-16S-25E	STATE	GW	P

OPERATOR CHANGES DOCUMENTATION

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 08/28/2000
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 09/05/2000
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 10-18-2000
4. Is the new operator registered in the State of Utah: YES Business Number: 4778945-0161
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: N/A
7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: N/A
8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator

change for all wells listed involved in a CA on: N/A

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

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 10/18/2000
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 10/18/2000
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

STATE BOND VERIFICATION:

1. State well(s) covered by Bond No.: 437484

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: _____

FILMING:

1. All attachments to this form have been **MICROFILMED** on: 3, 5, 18, 1

FILING:

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

COMMENTS:

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-22208
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER: Arco State 2-1
2. NAME OF OPERATOR: Crescendo Energy, LLC		9. API NUMBER: 4301930240
3. ADDRESS OF OPERATOR: P.O. Box 1814 CITY Midland STATE TX ZIP 79702		10. FIELD AND POOL, OR WLD CAT: San Arroyo Field
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2194 FSL 0991 FEL		COUNTY: Grand
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESE 2 16S 24E S		STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____ <input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<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 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: Pit Closure
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	Tank Install

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

Existing pit will be closed and a tank will be installed to contain produced water. Produced water will be hauled and disposed of at the Black Mtn Facility in Mesa County, Colorado.

Closure of produced water pit was based on requirements included in Section VII Guidance for Determining Cleanup Levels of the Environmental Handbook, Environmental Regulations for the Oil & Gas Exploration and Production Industry. Prepared by G.L. Hunt, Environmental Manager, UTAH DIVISION OF OIL, GAS & MINING, January 1996. A review of the site based on the guidance document, resulted in a Level I Environmental Sensitivity classification. The Level I category requires cleanup to the 1% TPH (10,000 mg/kg or ppm) level.

A soil sample was collected from the bottom of the active pit. Results of this sampling demonstrate TPH levels below the cleanup requirements listed above. Sample analytical results are attached to this Sundry Notice.

Pad material will be used to backfill the pit and a 70 barrel tank will be connected to the production works to collect produced water. The tank will be set on the existing pad location. All facilities will be painted olive black to match the surrounding vegetation. A soil berm will be constructed around the tank to contain any produced water spills.

NAME (PLEASE PRINT) <u>Sean T. Norris</u>	TITLE <u>Senior Project Geologist</u>
SIGNATURE	DATE <u>10/11/2004</u>

(This space for State use only)

Approved by the
Utah Division of
Oil, Gas and Mining

COPY SENT TO OPERATOR
Date: 10-19-04
Initials: CHO

RECEIVED
OCT 14 2004

(5/2000)

Date: 10-18-04
By:

(See Instructions on Reverse Side)

DIV. OF OIL, GAS & MINING



**ENVIRONMENTAL
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Est. 1970

REPORT OF ANALYSIS

Mr. Sean Norris
Cordilleran Compliance Services, Inc
826 21 1/2 Road
Grand Junction, CO 81505

October 04, 2004

Date Received : September 29, 2004
Description : Pit Closures Arco 36-7, 36-8, 2-1, 2-2, 31-1

ESC Sample # : L171584-03

Sample ID : CS 2-1-01 8 IN

Site ID :

Collected By : Sean Norris
Collection Date : 09/28/04 07:00

Project # : *Arco 2-1
North pit*

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	8.7	0.50	mg/kg	8021/8015	10/01/04	1000
Toluene	69.	5.0	mg/kg	8021/8015	10/01/04	1000
Ethylbenzene	6.9	0.50	mg/kg	8021/8015	10/01/04	1000
Total Xylene	120	1.5	mg/kg	8021/8015	10/01/04	1000
TPH (GC/FID) Low Fraction	3200	100	mg/kg	TNGRO	10/01/04	1000
Surrogate Recovery (70-130) a,a,a-Trifluorotoluene	92.		% Rec.	8021/8015	10/01/04	1000

Cheli Boucher

Cheli Boucher, ESC Representative

BDL - Below Detection Limit

Det. Limit - Estimated Quantitation Limit (EQL)

Laboratory Certification Numbers:

AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ -0612, MN - 047-999-395, NY - 11742

Note:

The reported analytical results relate only to the sample submitted.
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Reported: 10/01/04 16:38 Printed: 10/04/04 12:02



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REPORT OF ANALYSIS

Mr. Sean Norris
Cordilleran Compliance Services, Inc
826 21 1/2 Road
Grand Junction, CO 81505

October 04, 2004

Date Received : September 29, 2004
Description : Pit Closures Arco 36-7, 36-8, 2-1, 2-2, 31-1
Sample ID : CS 2-1-02 8 IN
Collected By : Sean Norris
Collection Date : 09/28/04 07:05

ESC Sample # : L171584-04

Site ID :

Project # :

*Arco 2-1
South pit*

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	2.9	0.50	mg/kg	8021/8015	10/01/04	1000
Toluene	32.	5.0	mg/kg	8021/8015	10/01/04	1000
Ethylbenzene	5.3	0.50	mg/kg	8021/8015	10/01/04	1000
Total Xylene	280	1.5	mg/kg	8021/8015	10/01/04	1000
TPH (GC/FID) Low Fraction	2900	100	mg/kg	TNGRO	10/01/04	1000
Surrogate Recovery (70-130) a,a,a-Trifluorotoluene	91.		% Rec.	8021/8015	10/01/04	1000

Cheli Boucher

Cheli Boucher, ESC Representative

BDL - Below Detection Limit

Det. Limit - Estimated Quantitation Limit (EQL)

Laboratory Certification Numbers:

AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ - 0612, MN - 047-999-395, NY - 11742

Note:

The reported analytical results relate only to the sample submitted.

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Reported: 10/01/04 16:38 Printed: 10/04/04 12:02

Attachment A
List of Analytes with QC Qualifiers

Sample #	Analyte	Qualifier
L171584-01	TPH (GC/FID) Low Fraction	E
L171584-06	Total Xylene	E
	TPH (GC/FID) Low Fraction	E

Attachment B
Explanation of QC Qualifier Codes

Qualifier	Meaning
E	GTL (EPA) - Greater than upper calibration limit: Actual value is known to be greater than the upper calibration range.

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods, it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable unless qualified as 'R' (Rejected).

Definitions

Accuracy - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.

Precision - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Difference.

Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromatography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.

		Control Limits		(AQ)	(SS)
2-Fluorophenol	31-119	Nitrobenzene-d5	43-118	Dibromfluoromethane	79-126 83-119
Phenol-d5	12-134	2-Fluorobiphenyl	45-128	Toluene-d8	81-114 82-116
2,4,6-Tribromophenol	51-141	Terphenyl-d14	43-137	4-Bromofluorobenzene	65-129 72-126

TIC - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.

Summary of Remarks For Samples Printed
10/04/04 at 12:02:59

TSR Signing Reports: 070
R3 - Rush: Two Day

Report methane to 0.01 ppb as method RSK 175

Sample: L171584-01 Account: CORCOMGCO Received: 09/29/04 09:30 Due Date: 10/01/04 00:00 RPT Date: 10/01/04 16:38
Removed rush, not approved on due date-cb 10/4
Sample: L171584-02 Account: CORCOMGCO Received: 09/29/04 09:30 Due Date: 10/01/04 00:00 RPT Date: 10/01/04 16:38
Sample: L171584-03 Account: CORCOMGCO Received: 09/29/04 09:30 Due Date: 10/01/04 00:00 RPT Date: 10/01/04 16:38
Sample: L171584-04 Account: CORCOMGCO Received: 09/29/04 09:30 Due Date: 10/01/04 00:00 RPT Date: 10/01/04 16:38
Sample: L171584-05 Account: CORCOMGCO Received: 09/29/04 09:30 Due Date: 10/01/04 00:00 RPT Date: 10/01/04 16:38
Sample: L171584-06 Account: CORCOMGCO Received: 09/29/04 09:30 Due Date: 10/01/04 00:00 RPT Date: 10/01/04 16:38



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Mr. Sean Norris
826 21 1/2 Road

**Quality Assurance Report
Level II**

Grand Junction, CO 81505

L171584

October 04, 2004

Analyte	Result	Laboratory Blank		Date Analyzed	Batch
		Units			
Benzene	< .0005	mg/kg		09/29/04 15:39	WG172837
Ethylbenzene	< .0005	mg/kg		09/29/04 15:39	WG172837
Toluene	< .005	mg/kg		09/29/04 15:39	WG172837
TPH (GC/FID) Low Fraction	< .1	mg/kg		09/29/04 15:39	WG172837
Total Xylene	< .0015	mg/kg		09/29/04 15:39	WG172837
Benzene	< .0005	mg/kg		09/30/04 12:14	WG172928
Ethylbenzene	< .0005	mg/kg		09/30/04 12:14	WG172928
Toluene	< .005	mg/kg		09/30/04 12:14	WG172928
TPH (GC/FID) Low Fraction	< .1	mg/kg		09/30/04 12:14	WG172928
Total Xylene	< .0015	mg/kg		09/30/04 12:14	WG172928
Benzene	< .0005	mg/kg		10/01/04 12:08	WG173067
Ethylbenzene	< .0005	mg/kg		10/01/04 12:08	WG173067
Toluene	< .005	mg/kg		10/01/04 12:08	WG173067
TPH (GC/FID) Low Fraction	< .1	mg/kg		10/01/04 12:08	WG173067
Total Xylene	< .0015	mg/kg		10/01/04 12:08	WG173067

Analyte	Laboratory Control		Sample Result	% Rec	Limit	Batch
	Units	Known Val				
Benzene	mg/kg	.0272	0.0294	108.	74-123	WG172837
Ethylbenzene	mg/kg	.0368	0.0391	106.	73-124	WG172837
Toluene	mg/kg	.1532	0.169	111.	79-120	WG172837
TPH (GC/FID) Low Fraction	mg/kg	2.2	2.43	111.	73-124	WG172837
Total Xylene	mg/kg	.178	0.194	109.	78-117	WG172837
Benzene	mg/kg	.0272	0.0290	107.	74-123	WG172928
Ethylbenzene	mg/kg	.0368	0.0370	100.	73-124	WG172928
Toluene	mg/kg	.1532	0.156	102.	79-120	WG172928
TPH (GC/FID) Low Fraction	mg/kg	2.2	1.92	87.2	73-124	WG172928
Total Xylene	mg/kg	.178	0.182	102.	78-117	WG172928
Benzene	mg/kg	.0272	0.0240	88.2	74-123	WG173067
Ethylbenzene	mg/kg	.0368	0.0313	85.1	73-124	WG173067
Toluene	mg/kg	.1532	0.133	87.1	79-120	WG173067
TPH (GC/FID) Low Fraction	mg/kg	2.2	2.00	91.0	73-124	WG173067
Total Xylene	mg/kg	.178	0.151	84.9	78-117	WG173067

Analyte	Laboratory Control Sample			Duplicate RPD	Limit	%Rec	Batch
	Units	LCSD Res	Ref Res				
Benzene	mg/kg	0.0281	0.0294	4.59	13	103.	WG172837
Ethylbenzene	mg/kg	0.0378	0.0391	3.59	13	103.	WG172837
Toluene	mg/kg	0.163	0.169	3.91	12	106.	WG172837
TPH (GC/FID) Low Fraction	mg/kg	2.30	2.43	5.58	13	105.	WG172837
Total Xylene	mg/kg	0.187	0.194	3.46	12	105.	WG172837
Benzene	mg/kg	0.0302	0.0290	4.15	13	111.	WG172928
Ethylbenzene	mg/kg	0.0383	0.0370	3.61	13	104.	WG172928
Toluene	mg/kg	0.162	0.156	3.78	12	105.	WG172928
TPH (GC/FID) Low Fraction	mg/kg	1.99	1.92	3.83	13	90.6	WG172928
Total Xylene	mg/kg	0.188	0.182	3.62	12	106.	WG172928
Benzene	mg/kg	0.0257	0.0240	7.03	13	94.6	WG173067
Ethylbenzene	mg/kg	0.0334	0.0313	6.56	13	90.9	WG173067
Toluene	mg/kg	0.143	0.133	6.66	12	93.1	WG173067
TPH (GC/FID) Low Fraction	mg/kg	2.16	2.00	7.65	13	98.3	WG173067
Total Xylene	mg/kg	0.164	0.151	8.03	12	92.0	WG173067



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Mr. Sean Norris
826 21 1/2 Road

**Quality Assurance Report
Level II**

Grand Junction, CO 81505

L171584

October 04, 2004

Analyte	Units	Matrix Spike		TV	% Rec	Limit	Ref Samp	Batch
		MS Res	Ref Res					
Benzene	mg/kg	0.108	0.00	.0272	79.3	62-116	L171362-04	WG172837
Ethylbenzene	mg/kg	0.144	0.00	.0368	78.5	61-118	L171362-04	WG172837
Toluene	mg/kg	0.632	0.00	.1532	82.5	64-120	L171362-04	WG172837
TPH (GC/FID) Low Fraction	mg/kg	8.14	0.00	2.2	74.0	54-117	L171362-04	WG172837
Total Xylene	mg/kg	0.719	0.00	.178	80.8	64-118	L171362-04	WG172837
Benzene	mg/kg	0.133	0.0008	.0272	97.0	62-116	L171535-09	WG172928
Ethylbenzene	mg/kg	0.161	0.0004	.0368	87.3	61-118	L171535-09	WG172928
Toluene	mg/kg	0.704	0.0041	.1532	91.3	64-120	L171535-09	WG172928
TPH (GC/FID) Low Fraction	mg/kg	7.71	0.00	2.2	70.1	54-117	L171535-09	WG172928
Total Xylene	mg/kg	0.785	0.0021	.178	87.9	64-118	L171535-09	WG172928
Benzene	mg/kg	0.117	0.00	.0272	86.4	62-116	L171488-02	WG173067
Ethylbenzene	mg/kg	0.142	0.00	.0368	77.2	61-118	L171488-02	WG173067
Toluene	mg/kg	0.631	0.00	.1532	82.4	64-120	L171488-02	WG173067
TPH (GC/FID) Low Fraction	mg/kg	8.77	0.00	2.2	79.7	54-117	L171488-02	WG173067
Total Xylene	mg/kg	0.686	0.00	.178	77.1	64-118	L171488-02	WG173067

Analyte	Units	Matrix Spike Duplicate		RPD	Limit	%Rec	Ref Samp	Batch
		MSD Res	Ref Res					
Benzene	mg/kg	0.130	0.108	18.7	18	95.7	L171362-04	WG172837
Ethylbenzene	mg/kg	0.175	0.144	19.0	17	94.9	L171362-04	WG172837
Toluene	mg/kg	0.761	0.632	18.5	14	99.3	L171362-04	WG172837
TPH (GC/FID) Low Fraction	mg/kg	9.84	8.14	19.0	17	89.5	L171362-04	WG172837
Total Xylene	mg/kg	0.867	0.719	18.7	16	97.4	L171362-04	WG172837
Benzene	mg/kg	0.134	0.133	1.05	18	98.0	L171535-09	WG172928
Ethylbenzene	mg/kg	0.161	0.161	0.249	17	87.1	L171535-09	WG172928
Toluene	mg/kg	0.707	0.704	0.440	14	91.7	L171535-09	WG172928
TPH (GC/FID) Low Fraction	mg/kg	7.80	7.71	1.11	17	70.9	L171535-09	WG172928
Total Xylene	mg/kg	0.780	0.785	0.626	16	87.4	L171535-09	WG172928
Benzene	mg/kg	0.112	0.117	4.93	18	82.2	L171488-02	WG173067
Ethylbenzene	mg/kg	0.134	0.142	6.17	17	72.6	L171488-02	WG173067
Toluene	mg/kg	0.605	0.631	4.25	14	79.0	L171488-02	WG173067
TPH (GC/FID) Low Fraction	mg/kg	7.71	8.77	12.9	17	70.0	L171488-02	WG173067
Total Xylene	mg/kg	0.649	0.686	5.54	16	73.0	L171488-02	WG173067

Batch number /Run number / Sample number cross reference

WG172837: R209399: L171584-01
WG172928: R209626: L171584-05 06
WG173067: R209658: L171584-02 03 04

* denotes out of limit range result. See Attachment B of standard report for list of qualifiers.
* * Calculations are performed prior to rounding of reported values .



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Mr. Sean Norris
826 21 1/2 Road

Grand Junction, CO 81505

Quality Assurance Report
Level II

L171584

October 04, 2004

ESC Level 2 Data Package

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.

Company Name/Address: **Cordilleran Compliance Services, Inc.**
 826 21 1/2 Road
 Grand Junction, CO 81505

Alternate billing information:

Analysis/Container/Preservative

Chain of Custody Page 1 of 1

Report to: *Sean Norris* Email to: *seannorris@cordcomp.com*

Project Description: *Pit Closures Arco 2-1, 2-2, 31-1* City/State Collected: *San Arroyo Utah*

Phone: (970) 263-7800 Client Project #: ESC Key:

FAX: (970) 263-7456

Collected by: *S. Norris* Site/Facility ID#: P.O.#:

Collected by (signature): *[Signature]* **Rush?** (Lab MUST Be Notified)

Same Day.....200%
 Next Day.....100%
 Two Day.....50%

Date Results Needed: Email? No Yes FAX? No Yes

Packed on Ice: N

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	Remarks/Contaminant	Sample # (lab only)
CS 36-7-01	Grab	Soil	8"	9/28/04	6:20	1 X	Arco 36-7 well	L171584-01
CS 36-8-01	Grab	Soil	8"	9/28/04	6:40	1 X	Arco 36-8 well	-02
CS 2-1-01	Grab	Soil	8"	9/28/04	7:00	1 X	Arco 2-1 well	North pit 03
CS 2-1-02	Grab	Soil	8"	9/28/04	7:05	1 X	Arco 2-1 well	South pit 04
CS 2-2-02	Grab	Soil	8"	9/28/04	7:45	1 X	Arco 2-2 well	05
CS 31-1-01	Grab	Soil	8"	9/28/04	8:35	1 X	Blackhorse Fed 31-1	06

TUPH BTEX

Prepared by:

ENVIRONMENTAL SCIENCE CORP.

12065 Lebanon Road
 Mt Juliet, TN 37122

Phone (615) 758-5858
 Phone (800) 767-5859
 FAX (615) 758-5859

CoCode: **CORCOMG** (lab use only)

Template/Prelogin

Shipped Via:

*Matrix: SS - Soil/Solid GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other

pH _____ Temp _____

Remarks: *8454 2478 5287* Flow _____ Other _____

Relinquished by: (Signature) <i>[Signature]</i>	Date: <i>9/28/04</i>	Time: <i>11:28</i>	Received by: (Signature) <i>[Signature]</i>	Samples returned via: <input type="checkbox"/> UPS <input checked="" type="checkbox"/> FedEx <input type="checkbox"/> Courier	Condition: (lab use only)
Relinquished by: (Signature) <i>[Signature]</i>	Date:	Time:	Received by: (Signature) <i>[Signature]</i>	Temp: <i>5</i>	Bottles Received: <i>6402</i>
Relinquished by: (Signature) <i>[Signature]</i>	Date:	Time:	Received for lab by: (Signature) <i>[Signature]</i>	Date: <i>9-29-04</i>	Time: <i>09:30</i>

O/S

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:

See attached

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

San Arroyo Unit and other wells

8. WELL NAME and NUMBER:

See attached

9. API NUMBER:

See attach

10. FIELD AND POOL, OR WILDCAT:

See attached

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL

OIL WELL

GAS WELL

OTHER _____

2. NAME OF OPERATOR:

Slate River Resources, LLC

N2725

3. ADDRESS OF OPERATOR:

418 Main Street, Ste. 18

CITY Vernal

STATE UT

ZIP 84078

PHONE NUMBER:

(435) 781-1870

4. LOCATION OF WELL

FOOTAGES AT SURFACE: See attached schedule of wells

COUNTY: Grand

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

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

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

Carter G. Mathies, President

NAME (PLEASE PRINT) Gary D. Davis

TITLE President, Slate River Resources, LLC

SIGNATURE *Gary D. Davis*

DATE 11/10/2005

(This space for State use only)

APPROVED 11/29/05

Earlene Russell

Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

RECEIVED

NOV 16 2005

DIV. OF OIL, GAS & MINING

SLATE RIVER RESOURCES, LLC, OPERATOR

API Well Number	Operator	Well Name	Well Type	Well Status	Field Name	County Name	Q1/Q2	Section	Township-Range	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	128E
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	142E
43-019-30047-00-0	CRESCENDO ENERGY LLC	BITTER CREEK 1	Gas Well	Producing	SAN ARROYO	GRAND	SWSE	2	16S-25E	ML-25151	108C
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	SENW	26	16S-25E	USL-71307	132C
43-019-15885-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 02	Gas Well	Shut-In	SAN ARROYO	GRAND	SENW	22	16S-25E	U-370-A	125
43-019-15886-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 03	Gas Well	Producing	SAN ARROYO	GRAND	SENW	23	16S-25E	U-369	60
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	136C
43-019-15890-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 08	Gas Well	Producing	SAN ARROYO	GRAND	SWSW	16	16S-25E	ML-4113	206E
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	199C
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	171C
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	219A
43-019-15903-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 24	Gas Well	Producing	SAN ARROYO	GRAND	SENW	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	78
43-019-15906-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 27	Gas Well	Producing	SAN ARROYO	GRAND	NESW	29	16S-26E	U-6021	787
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	130E
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	187E
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	202E
43-019-31253-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 38	Gas Well	Producing	SAN ARROYO	GRAND	SWNE	16	16S-25E	ML-4113	139E
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	148E
43-019-31289-00-0	CRESCENDO ENERGY LLC	SAN ARROYO 41	Gas Well	Producing	SAN ARROYO	GRAND	NENE	36	16S-25E	Not CE Lease	134E
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

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: _____

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: 11/29/2005
- 4. Fee/State wells attached to bond in RBDMS on: 11/29/2005
- 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:

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING
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

FROM: (Old Operator): N2725-Slate River Resources, LLC 1600 Broadway, Suite 900 Denver, CO 80202 Phone: 1 (303) 592-4448	TO: (New Operator): N3505-Augustus Energy Partners, LLC 2016 Grand Ave, Suite A Billings MT 59012 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 (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input 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:

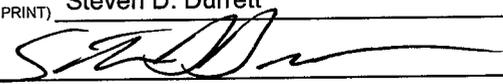
Slate River Resources, LLC **N2725**
1600 Broadway, Suite 900
Denver, CO 80202
303-592-4448

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 5/15/08
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

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

RECEIVED

MAY 23 2008

DIV. OF OIL, GAS & MINING

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:

ML22208

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL OIL WELL GAS WELL OTHER _____

8. WELL NAME and NUMBER:
ARCO STATE 2-1

2. NAME OF OPERATOR:
AUGUSTUS ENERGY PARTNERS, LLC

9. API NUMBER:
4301930240

3. ADDRESS OF OPERATOR:
2016 GRAND AVE, STE A CITY BILLINGS STATE MT ZIP 59101

PHONE NUMBER:
(406) 294-5990

10. FIELD AND POOL, OR WILDCAT:
EAST CANYON

4. LOCATION OF WELL

FOOTAGES AT SURFACE: **2194' FSL, 991' FEL**

COUNTY: **GRAND**

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: **NESE 2 16S 24E S**

STATE: **UTAH**

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

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

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

Augustus Energy Partners, LLC proposes to isolate, perforate and fracture treat the following intervals:

3648-3655' Castlegate

(NOTE: Cause No. 149-1 established drilling units that allow for multiple zone completions including the Castlegate member of the Mesaverde Formation at this location. Augustus Energy Partners, LLC owns 100% WI in all depths at this location, so an allocation procedure will not be required).

Depending on the test results return the well to production producing only the Castlegate, or commingled with the existing Dakota production.

See attached re-completion procedure.

COPY SENT TO OPERATOR

Date: 9.23.2008

Initials: KS

NAME (PLEASE PRINT) Duane Zimmerman

TITLE Vice President Operations

SIGNATURE Duane Zimmerman

DATE 9/4/08

(This space for State use only)

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

DATE: 9/18/08 (See Instructions on Reverse Side)

BY: [Signature]

* cause 149-1

RECEIVED

SEP 08 2008

DIV. OF OIL, GAS & MINING



Arco State 2-1
API #43-019-30240
Section 2, T16S-R24E
Grand County, Utah
September 2, 2008

Surface Casing: 9-5/8", 32.3#, H-40 STC at 317'
Intermediate Casing: 7", 20#, K-55 STC 3,900'
Production Casing: 4.5", 10.5#, K-55 STC at 7,564'
TD: 7,575'
PBTD: 7,509'
Tubing: 2-3/8", 4.7#, N-80 EUE, 7,027'

Re-completion Procedure Add Castlegate Perforations

- 1) MIRUSU. RU and pressure test the 4-1/2" and 7" casing annulus to 500 psig.
- 2) Blow down well and un-flange casing head. Strip on BOPS. Pickup 2-3/8 inch tubing and tag bottom to check for fill. Strap out of the hole standing back tubing.
- 3) MU RBP and TIH and set at 3,700'. Fill casing with 2% KCL water and test casing to 500 psig. RU and swab the casing dry, release RBP and POOH.
- 4) MIRU wireline company and run a GR/CCL. Perforate 3,648'-3,655' with 2 JSPF dry charges, deep penetrating correlated to Schlumberger Dual Induction Laterolog dated 7/4/75. RD wireline company.
- 5) TIH with 2-3/8" tubing and RBP. Set RBP at 3,700'. RU and flow/swab test well to evaluate for returning the well to sales with the Dakota/Castlegate commingled, or stand alone.
- 6) Return the well to production.



Well Name & No.: ARCO STATE 2-1	API # 43-019-30240	Location (Footages & Qtr / Qtr) NESE, 2194' FSL, 991 FEL
Field: EAST CANYON	County, State: GRAND, UTAH	Section, Twp., Rge.: SEC 2, T16S, R24E
Spud Date:	Elevations: 8447' GL	Completion Date:

D.S.T.#/Depth/Recovery:

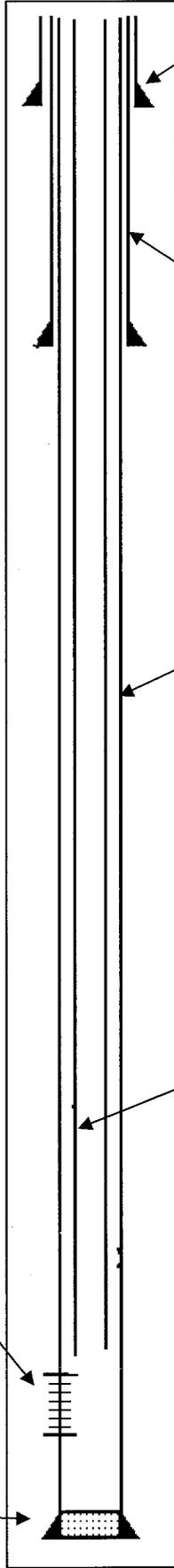
Log Type / Interval:

Acid Job / Breakdown:
Frac'd w/69,900 gals gel wtr w/ 100,000#20/40 SD & 880,00 SCF N2.

Tbg as Ran

Zone / Perforations:
UDAKOTA 7410-22'
LDAKOTA 7440-52'
U CEDAR MTN 7467-78'
U CEDAR MTN 7492-7504'

P.B.T.D. 7509'
T.D. 7600'



Surface Casing:
Bit/Csg. O.D.: 9-5/8"
Depth: 317'
#/ft / Grade: 32.3# H40
Thread: LTC
Cement: 240sks Class G
Cement Top: Surface

Intermediate Casing:
Bit/Csg. O.D.: 7"
Depth: 3900'
#/ft / Grade: 20# K55 STC
#/ft / Grade:
Cement: 200 SX POZMIX
Cement Top:

Production Casing:
Bit / Csg. O.D.: 4 1/2"
#/ft / Grade: 10.5 & 11.6# K55 STC
#/ft / Grade:
#/ft / Grade:
D.V. Depth:
Depth: 7564'
Cement Data: 200 SK POZ MIX & 50 SX "H"
Cement Top:

Tubing:
O.D.: 2-3/8"
#/Ft./ Grade: 4.7#, J55 EUE
No. Jts.
Length:
Seat Nipple @ 7404'
End of Tubing:

RECEIVED

FORM 9

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

JAN 09 2012

DIV. OF OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:

ML22208

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

SUNDRY NOTICES AND REPORTS ON WELLS

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

8. WELL NAME and NUMBER:

ARCO STATE 2-1

9. API NUMBER:

4301930240

10. FIELD AND POOL, OR WILDCAT:

EAST CANYON

1. TYPE OF WELL OIL WELL GAS WELL OTHER _____

2. NAME OF OPERATOR:
AUGUSTUS ENERGY PARTNERS, LLC

3. ADDRESS OF OPERATOR:
2016 GRAND AVE, STE A CITY BILLINGS STATE MT ZIP 59101

PHONE NUMBER:
(406) 294-5990

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 2194' FSL 991' FEL

COUNTY: GRAND

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESE 2 16S 24E 6

STATE: UTAH

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

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

CANCEL NOTICE OF INTENT TO RECOMPLETE THIS WELL.

NAME (PLEASE PRINT) JAN HARMON TITLE OPERATIONS ADMINISTRATOR

SIGNATURE *Jan Harmon* DATE 1/4/2012

(This space for State use only)

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

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

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

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: 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

216 SIXTEENTH STREET, SUITE 1100
DENVER, COLORADO 80202-5115
TELEPHONE (303) 407-4499
FACSIMILE (303) 407-4494
www.bwenergylaw.com

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

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: See Attached List
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 OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: See Attached List
2. NAME OF OPERATOR: Augustus Energy Partners, LLC <i>N3505</i>		8. WELL NAME and NUMBER: See Attached List
3. ADDRESS OF OPERATOR: 2016 Grand Ave. Ste A <i>CITY</i> Billings <i>STATE</i> MT <i>ZIP</i> 59102		9. API NUMBER: See Attach
PHONE NUMBER: (406) 294-5990		10. FIELD AND POOL, OR WILDCAT: See Attached List
4. LOCATION OF WELL FOOTAGES AT SURFACE: _____		COUNTY: See Attached List
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 (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<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 2154 W Eisenhower Blvd Loveland, CO 80537 970-669-7411	SWEVCO-SABW, LLC N4155 2154 W Eisenhower Blvd Loveland, CO 80537 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:

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

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: See Attached
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 OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: See Attached
2. NAME OF OPERATOR: SOUTHWESTERN ENERGY VENTURES COMPANY, LLC Operator #N4035		8. WELL NAME and NUMBER: See Attached
3. ADDRESS OF OPERATOR: 2154 W. Eisenhower Blvd. CITY Loveland STATE CO ZIP 80537		9. API NUMBER: Attached
4. LOCATION OF WELL FOOTAGES AT SURFACE: See Attached		10. FIELD AND POOL, OR WILDCAT:
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		COUNTY: See Attached
		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 (Submit in Duplicate) Approximate date work will start: _____ <input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<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	
OPERATED																									
Outside the Unit																									
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
San Arroyo Unit																									
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	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
43-019-15887	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									

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	
OPERATED																									
Outside the Unit																									
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
San Arroyo Unit																									
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-									

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

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 4/30/2014	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT 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 Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input 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) Tariq Ahmad	PHONE NUMBER 775 852-7444	TITLE Petroleum Engineer
SIGNATURE N/A	DATE 10/29/2014	