

FILE NOTATIONS

Entered in N I D File

Entered On S R Sheet \_\_\_\_\_

Location Map Pinned

Card Indexed

I W R for State or Fee Land \_\_\_\_\_

Checked by Chief *[Signature]*

Copy N I D to Field Office \_\_\_\_\_

Approval Letter \_\_\_\_\_

Disapproval Letter \_\_\_\_\_

COMPLETION DATA:

Date Well Completed 5-14-66

OW  WW \_\_\_\_\_ TA \_\_\_\_\_

GW \_\_\_\_\_ OS \_\_\_\_\_ PA \_\_\_\_\_

Location Inspected \_\_\_\_\_

Bond released \_\_\_\_\_

State of Fee Land \_\_\_\_\_

LOGS FILED

Driller's Log 6-13-66

Electric Logs (No. ) 4

E \_\_\_\_\_ I \_\_\_\_\_ E-I  GR \_\_\_\_\_ GR-N  Micro

Lat \_\_\_\_\_ Mi-L \_\_\_\_\_ Sonic GR Others \_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Conoco Lee, No. 161860

5. LEASE DESIGNATION AND SERIAL NO.

SL-067701

6. INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Bluff Unit

8. FARM OR LEASE NAME

9. WELL NO.

10

10. FIELD AND POOL, OR WILDCAT

Desert Creek

11. SEC., T., R., M., OR B.L.K. AND SURVEY OR AREA

Sec. 30, T39N, R13E-S1M

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

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

Continental Oil Company

3. ADDRESS OF OPERATOR

P. O. Box 1621 - Durango, Colorado

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

At surface

660' FSL, 660' FWL

At proposed prod. zone

C SWSW

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

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

4620'

16. NO. OF ACRES IN LEASE

2388

17. NO. OF ACRES ASSIGNED TO THIS WELL

80

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

2640'

19. PROPOSED DEPTH

5750'

20. ROTARY OR CABLE TOOLS:

Rotary

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

4727' GR

22. APPROX. DATE WORK WILL START\*

11/23/65

23. PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|--------------------|
| 12 1/4"      | 9 5/8"         | 36#             | 300'          | 175 sacks          |
| 7 7/8"       | 5 1/2"         | 15.5#           | 5750'         | 300 sacks          |

We propose to drill the subject well to an approximate depth of 5750' to further evaluate and develop the Bluff Unit. Samples will be taken at 10' intervals & the well will be cored. The well will be drill-stem tested. If production is encountered in commercial quantities, production casing will be run and the well completed.

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. ORIGINAL SIGNED BY:  
SIGNED H. D. HALEY TITLE District Manager DATE 11/22/65

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

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

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

USGS-Durango (3)-UOAGCC (2)-DRB-JRH-Tenneco-Shell-HDH

NEED  
Cased

Photo

COMPANY CONTINENTAL OIL COMPANY

Well Name & No. BLUFF UNIT, WELL NO. 10

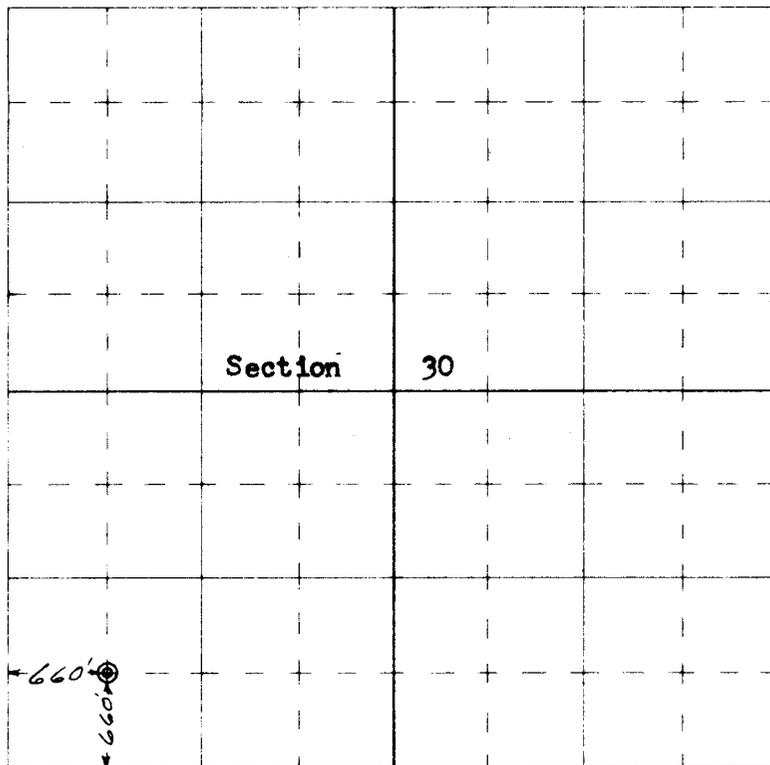
Lease No. \_\_\_\_\_

Location 660' FROM THE SOUTH LINE & 660' FROM THE WEST LINE

Being in center SW SW

Sec 30, T39S, R 23 E, S. L. M., San Juan County, Utah

Ground Elevation 4727' ungraded



Scale -- 4 inches equals 1 mile

Surveyed 2 November

19 65

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

Seal:

Registered Professional  
Engineer and Land Surveyor.

Robert H. Ernst  
Colo. PE & LS 4979  
N. Mex. P.E. & L.S. 2463

Ernst Engineering Co  
Durango, Colorado

UNITED STATES DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY **Conoco Lse. No. 161860**

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

**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 checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>  |   | 5. LEASE DESIGNATION AND SERIAL NO.<br><b>SL-067701</b>                             |
| 2. NAME OF OPERATOR<br><b>Continental Oil Company</b>   |   | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME  |
| 3. ADDRESS OF OPERATOR<br><b>P. O. Box 1621, Durango, Colorado</b>  |   | 7. UNIT AGREEMENT NAME<br><b>Bluff Unit</b>   |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)<br>At surface<br><b>660' FSL, 660' FWL</b> |   | 8. FARM OR LEASE NAME   |
| 14. PERMIT NO.  | 15. ELEVATIONS (Show whether DF, RT, GR, etc.)<br><b>4727' GR</b> | 9. WELL NO.<br><b>10</b>  |
|   |   | 10. FIELD AND POOL, OR WILDCAT<br><b>Desert Creek</b>                               |
|   |   | 11. SEC., T., B., M., OR BLK. AND SURVEY OR AREA<br><b>Sec. 30, T39S, R23E, SLM</b> |
|   |   | 12. COUNTY OR PARISH<br><b>San Juan</b>   |
|   |   | 13. STATE<br><b>Utah</b>  |

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) <b>Supp. Well History</b>              | <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.)\*

**Spudded 11/28/65. Drilled 12 1/4" hole to 309'. Ran 8 5/8" casing, set at 309' and cemented with 200 sacks regular. Tested casing with 4004-OK. Drilling at 4406' in sand and shale, 12/9/65.**

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

SIGNED Original Signed By: H. D. HALEY TITLE District Manager DATE 12/10/65

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

UNITED STATES DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY **Conoco Lease No. 161860**

SUBMIT IN REVERSE SIDE  
(Other instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO.

**SL-067701**

**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.)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

**Bluff Unit**

8. FARM OR LEASE NAME

9. WELL NO.

**10**

10. FIELD AND POOL, OR WILDCAT

**Desert Creek**

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

**Sec. 30, T39S, R23E-SLM**

12. COUNTY OR PARISH 13. STATE

**San Juan**

**Utah**

1.

OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR

**Continental Oil Company**

3. ADDRESS OF OPERATOR

**P. O. Box 1621, Durango, Colorado**

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

**660' FSL, 660' FWL**

14. PERMIT NO.

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

**4727' GR**

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) **Supp. Well History**

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(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 and cored to T.D. 5781'. (Core and DST details will be given on U.S.G.S. log when submitted). Ran 183 joints 5 1/2" casing, set at 5781' and cemented with 400 sacks cement. Perfs 5726-42' acidized with 610 gals. MCA. Swabbed. Acidized with 5000 gals. 15% CRA and 10,000 gals. 7 1/2% CRA. Believe acid went into earthy dolomite section on top of vuggy porosity. Injected 500 gals. fix-a-frac into formation. Perforated 5733-39' and acidized with 1000 gals. Very little fluid entry into well. Swabbed and recovered fix-a-frac, oil and gas cut load water. Perforated 5731' and 5737' with bear gun. Acidized. Recovered load water. Acidized well with 4500 gals. super retarded acid followed by 500 gals. regular 15%. Pulling rods and tubing to pull pump.**

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

SIGNED

*[Signature]*

TITLE

**District Manager**

DATE

**3-9-66**

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

UNITED STATES DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY **Conoco Les. No. 161860**

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424

5. LEASE DESIGNATION AND SERIAL NO.

**SL 067701**

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.)

7. UNIT AGREEMENT NAME

**Staff Unit**

8. FARM OR LEASE NAME

9. WELL NO.

**10**

10. FIELD AND POOL, OR WILDCAT

**Beart Creek**

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

**30-T308-R134-61N**

12. COUNTY OR PARISH 13. STATE

**San Juan**

**Utah**

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
**Continental Oil Company**

3. ADDRESS OF OPERATOR  
**P. O. Box 1621 - Durango, Colorado**

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

**660' FWL, 660' FWL**

14. PERMIT NO.

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

**4727' GR**

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

**Conent Squeeze**

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(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.)\*

**Perforations in this well are at 5726'-42'. We propose to cement-squeeze these perforations, drill out and re-perforate in the same zone and stimulate as required.**

APPROVED BY UTAH OIL AND GAS CONSERVATION COMMISSION

DATE 5-3-66

CHIEF PETROLEUM ENGINEER

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

ORIGINAL SIGNED BY:

SIGNED BEN W. SMITH

TITLE Assistant District Manager

DATE 4/26/66

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

**GARY S. YAM**

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY Conoco Lse. No. 161860

SUBMIT IN THIS  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.  
**SL 067701**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
**Bluff Unit**

8. FARM OR LEASE NAME

9. WELL NO.  
**10**

10. FIELD AND POOL, OR WILDCAT  
**Desert Creek**

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
**30, T39S, R23E-S1M**

12. COUNTY OR PARISH  
**San Juan**

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  **JUN 20 1966**

2. NAME OF OPERATOR  
**Continental Oil Company**

3. ADDRESS OF OPERATOR  
**P. O. Box 1621 - Durango, Colorado**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)  
At surface  
**660' FSL, 660' FWL**

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**4727' GR, 4739' DF**

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"/>               | <b>Well Completion</b> <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.)\*

**Set packer at 5600' & squeeze cemented perforis 5726'-42' with 100 sacks cement, 16#/sack salt. Drilled out to 5748' KB. Perforated 5728'-40' with 4 shots per foot. Set packer at 5670'. Acidized with 2500 gals. clean-up acid. Tested well 5/14/66. Pumped 5 BO & 20 BW in 24 hours from Desert Creek pay zone 5726'-40'. Oil transporter: Rock Island Oil & Refining.**

*5728*

**RECEIVED**  
JUN 13 1966  
U. S. GEOLOGICAL SURVEY  
DURANGO, COLO.

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

SIGNED *H. J. Haley* TITLE **District Manager** DATE **6/7/66**

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY **Conoco Lse. No. 161860**

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

**SL 067701**

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.)

7. UNIT AGREEMENT NAME

**Bluff Unit**

8. FARM OR LEASE NAME

9. WELL NO.

**10**

10. FIELD AND POOL, OR WILDCAT

**Desert Creek**

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

**30, T39S, R23E-S1M**

12. COUNTY OR PARISH

**San Juan**

13. STATE

**Utah**

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR

**Continental Oil Company**

3. ADDRESS OF OPERATOR

**P. O. Box 1621 - Durango, Colorado**

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

**660' PSL, 660' FWL**

14. PERMIT NO.

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

**4727' GR, 4739' DF**

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

**Well Completion**

(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.)\*

**Set packer at 5600' & squeeze cemented perms 5726'-42' with 100 sacks cement, 16#/sack salt. Drilled out to 5748' KB. Perforated 5728'-40' with 4 shots per foot. Set packer at 5670'. Acidized with 2500 gals. clean-up acid. Tested well 5/14/66. Pumped 5 BO & 20 BW in 24 hours from Desert Creek pay zone 5712'-40'. Oil transporter: Rock Island Oil & Refining.**

*See corrected intervals*

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

SIGNED

*W. J. Halcy*

TITLE

**District Manager**

DATE

**6/7/66**

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

**USGS-Dgo(3) UO&GCC(2) JRH DRB Tenneco Shell HDH**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY **Conoco Les. #161860**

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved  
Budget Bureau No. 42-R355.5.

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG \***

|   |   |   |  |
|---|---|---|--|
| 1a. TYPE OF WELL:<br>OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____  |   | 5. LEASE DESIGNATION AND SERIAL NO.<br><b>SL 067701</b> |  |
| b. TYPE OF COMPLETION:<br>NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIEF. RESVR. <input type="checkbox"/> Other _____ |   | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME<br>_____           |  |
| 2. NAME OF OPERATOR<br><b>Continental Oil Company</b>   |   | 7. UNIT AGREEMENT NAME<br><b>Bluff Unit</b>             |  |
| 3. ADDRESS OF OPERATOR<br><b>P. O. Box 1621 - Durango, Colorado</b>   |   | 8. FARM OR LEASE NAME<br>_____                          |  |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*<br>At surface <b>660' FSL, 660' FWL</b><br>At top prod. interval reported below<br>At total depth _____                            |   | 9. WELL NO.<br><b>10</b>                                |  |
| 14. PERMIT NO. _____ DATE ISSUED _____  |   | 10. FIELD AND POOL, OR WILDCAT<br><b>Desert Creek</b>   |  |
| 15. DATE SPUDDED<br><b>11/28/65</b>   | 16. DATE T.D. REACHED<br><b>12/21/65</b>                              | 17. DATE COMPL. (Ready to prod.)<br><b>5/14/66</b>      | 18. ELEVATIONS (DF, REB, RT, GR, ETC.)*<br><b>4727' GR, 4739' DF</b> |
| 20. TOTAL DEPTH, MD & TVD<br><b>5781'</b>   |   | 21. PLUG BACK T.D., MD & TVD<br><b>5748'</b>            | 22. IF MULTIPLE COMPL., HOW MANY*<br>_____                           |
| 23. INTERVALS DRILLED BY<br>_____   |   | 24. ROTARY TOOLS<br><b>0' -5781'</b>                    |  |
| 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)<br><del>5712' -5740' Desert Creek</del> <i>Corrected Interval</i><br><b>(5728' -5740')</b>   |   |   | 25. WAS DIRECTIONAL SURVEY MADE<br><b>No</b>                         |
| 26. TYPE ELECTRIC AND OTHER LOGS RUN<br><b>GRN-Correlation, IES, GRN, Sonic, Microlog</b>   |   |   | 27. WAS WELL CORED<br><b>Yes</b>                                     |
| 28. CASING RECORD (Report all strings set in well)  |   |   |  |
| CASING SIZE   | WEIGHT, LB./FT.   | DEPTH SET (MD)  | HOLE SIZE  |
| <b>8 5/8"</b>   | <b>24#</b>  | <b>309'</b>   | <b>12 1/4"</b>   |
| <b>5 1/2"</b>   | <b>15.5#</b>  | <b>5781'</b>  | <b>7 7/8"</b>  |
| CEMENTING RECORD  |   | AMOUNT PULLED   |  |
| <b>200 sacks regular</b>  |   | <b>None</b>   |  |
| <b>400 sacks regular</b>  |   | _____   |  |
| 29. LINER RECORD  |   |   |  |
| SIZE  | TOP (MD)  | BOTTOM (MD)   | SACKS CEMENT*  |
| _____   | _____   | _____   | _____  |
| 30. TUBING RECORD   |   | PACKER SET (MD)   |  |
| SIZE  | DEPTH SET (MD)  | <b>5600'</b>  |  |
| <b>2 7/8"</b>   | <b>5600'</b>  | <b>5600'</b>  |  |
| 31. PERFORATION RECORD (Interval, size and number)  |   |   |  |
| <b>5726' -42'</b>   | <b>4 jets/foot</b>  | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.          |  |
| <b>5733' -39'</b>   | <b>4 crack jets/foot</b>  | DEPTH INTERVAL (MD)                                     | AMOUNT AND KIND OF MATERIAL USED                                     |
| <b>5731' &amp; 5737'</b>  | <b>Bear gun</b>   | <b>5726' -42'</b>                                       | <b>5000 gals. 15% CRA &amp; 10,000 gals. 7 1/2% CRA</b>              |
| <b>5728' -40'</b>   | <b>4 shots/foot</b>   | <b>5733' -39'</b>                                       | <b>1000 gals. 28% acid</b>   |
|   |   | <b>5731' -5737'</b>                                     | <b>Fresh water &amp; "ADMALL" additive (Over)</b>                    |
| 33.* PRODUCTION   |   |   |  |
| DATE FIRST PRODUCTION   | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump): | WELL STATUS (Producing or shut-in)                      |  |
| _____   | <b>Pumping (2 1/2 x 1 1/2 x 16')</b>                                  | <b>Producing</b>  |  |
| DATE OF TEST  | HOURS TESTED  | CHOKE SIZE  | PROD'N. FOR TEST PERIOD  |
| <b>5/14/66</b>  | <b>24</b>   | <b>-</b>  | <b>5</b>   |
| FLOW. TUBING PRESS.   | CASING PRESSURE   | CALCULATED 24-HOUR RATE                                 | OIL—BBL.   |
| _____   | _____   | _____   | <b>5</b>   |
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)  |   | TEST WITNESSED BY                                       |  |
| _____   |   | <b>G. L. Holloway</b>                                   |  |
| 35. LIST OF ATTACHMENTS   |   |   |  |
| 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records   |   |   |  |
| Original Signed By:   |   | TITLE   |  |
| SIGNED <b>H. D. HALEY</b>   |   | <b>District Manager</b>                                 |  |
| _____   |   | DATE <b>6/7/66</b>                                      |  |

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

# 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 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.)

- #32 - Cont-lined
- 5726' -42' - 4500 gals. super-saturated & 500 gals. regular acid.
- 5726' -42' - Squeezed w/100 sacks cement, 15#/sack salt.
- 5728' -40' - 2500 gals. clean-up acid.

37. SUMMARY OF POROUS ZONES:  
 SHOW ALL IMPORTANT ZONES OF POROSITY AND CONCENTRATIONS 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   | EQUIPMENT | DESCRIPTION, CONTENTS, ETC.  | GEOLOGIC MARKERS |                  |
|---------------|-------|-----------|--|------------------|------------------|
|               |       |           |  | MEAS. DEPTH      | TRUE VERT. DEPTH |
| Johnson Creek | 5477' | 5684'     | DST #1 - ISI 30', open 1 hr., PSI 1 1/2 hrs. Very light blow with gas odor. Rec. 100' drig mud, all oil cut in tool. IHH 2595#, IFF 274, FFP 27#, ISIP 27#, FSIP 312#, FHH 2582#.  | 208'             |                  |
| Desert Creek  | 5649' | 5750'     | Core #1 - 44' shale; 2' dolo., 14' anhy.<br>Core #2 - Rec. 2' dolo., NS; 2' anhy.; 2' shale w/anhy.; 4' dolo., NS; 1' shaley dolo.; 8' ls, NS, anhy, filled inclusions; 6' black waxy shale; 3' ls, NS, highly fraced; 8' dolo., grey, NS, good odor; 1' dolo., earthy, good odor & stain; 8' ls, vugky, good odor, stain, porosity 10%, perm. 1 md., fraced, oil sat. 10-15%, water 33-60%; 1' shale. | 604'             |                  |
|               |       |           |  | 1236'            |                  |
|               |       |           |  | 1548'            |                  |
|               |       |           |  | 2671'            |                  |
|               |       |           |  | 2738'            |                  |
|               |       |           |  | 4585'            |                  |
|               |       |           |  | 5443'            |                  |
|               |       |           |  | 5648'            |                  |

FORM OGCC-8-X

FILE IN QUADRUPLICATE

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION  
348 EAST SOUTH TEMPLE  
SUITE 301  
SALT LAKE CITY, UTAH

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number Bluff Unit No. 10

Operator Continental Oil Company Address Box 1621, Durango Phone 247-2580

Colorado

Contractor Arapahoe Drilling Company Address Box 22273, Denver Phone \_\_\_\_\_

Colorado

Location SW  $\frac{1}{4}$  SW  $\frac{1}{4}$  Sec. 30 T. 39 N R. 23 E San Juan County, Utah.  
S X

Water Sands:

| <u>Depth</u> |      | <u>Volume</u>     | <u>Quality</u> |
|--------------|------|-------------------|----------------|
| From         | To   | Flow Rate or Head | Fresh or Salty |
| 1. 208       | 483  | Not Tested        | Fresh          |
| 2. 604       | 1130 | Not Tested        | Fresh          |
| 3. 1236      | 1584 | Not Tested        | Fresh          |
| 4.           |      |                   |                |
| 5.           |      |                   |                |

(Continued on reverse side if necessary)

Formation Tops:

Entrada -208' Navajo-604' Wingate-1236' Chinle-1584' Moenkopi-2403'  
Coconino-2671' Organ Rock-2738' Hermosa-4585' Ismay-5443' Desert Creek-5648'

Remarks:

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

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE (Other instructions on reverse side)

Form approved. Budget Bureau No. 42-R1424

5. LEASE DESIGNATION AND SERIAL NO

SL-067701

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 [X] GAS WELL [ ] OTHER [ ]

2. NAME OF OPERATOR Continental Oil Company

3. ADDRESS OF OPERATOR 152 North Durbin St., Casper, Wyo. 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 660' FSL, 660' FWL

7. UNIT AGREEMENT NAME

Bluff Unit

8. FARM OR LEASE NAME

9. WELL NO. 10

10. FIELD AND POOL, OR WILDCAT

Bluff - Desert Creek

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

Sec. 30, T39S, R23E

14. PERMIT NO.

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

4727' Gr., 4739' DF

12. COUNTY OR PARISH

San Juan

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 [ ] PULL OR ALTER CASING [ ] FRACTURE TREAT [ ] MULTIPLE COMPLETE [ ] SHOOT OR ACIDIZE [ ] ABANDON\* [ ] REPAIR WELL [ ] CHANGE PLANS [ ] (Other) [ ] Recomplete [X]

WATER SHUT-OFF [ ] REPAIRING WELL [ ] FRACTURE TREATMENT [ ] ALTERING CASING [ ] SHOOTING OR ACIDIZING [ ] ABANDONMENT\* [ ] (Other) [ ]

(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.)\*

TD 5781', PBD 5745'. Zone III perforated 5728-40' and acidized. Well shut in November, 1966.

It is proposed to clean the well out, perforate Zone II and Lower Ismay, and acidize and test for production from these zones. The well will be returned to production from the Desert Creek and Lower Ismay zones commingled down hole.

USGS(4) UO&GCC(2) Tenneco Shell File

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

SIGNED J.A. Urban TITLE Administrative Supervisor

DATE 1/8/74

(This space for Federal or State office use)

APPROVED

JAN 15 1974

JERRY W. LONG DISTRICT ENGINEER

TITLE

DATE

\*See Instructions on Reverse Side

UTAH DEPT. OF NAT. RES.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil well  gas well  other  Shut In

2. NAME OF OPERATOR  
DUGAN PRODUCTION CORP.

3. ADDRESS OF OPERATOR  
P O Box 208, Farmington, NM 87499

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 660' FSL & 660' FWL  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

5. LEASE  
SL - 067701

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
Bluff Unit

8. FARM OR LEASE NAME

9. WELL NO.  
10

10. FIELD OR WILDCAT NAME  
Desert Creek

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 30, T-39S, R-23E, SLM

12. COUNTY OR PARISH | 13. STATE  
San Juan | UTAH

14. API NO.  
43-037-15328

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
4739' KB 4727' GL

REQUEST FOR APPROVAL TO:      SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF      

FRACTURE TREAT      

SHOOT OR ACIDIZE      

REPAIR WELL      

PULL OR ALTER CASING      

MULTIPLE COMPLETE      

CHANGE ZONES      

ABANDON\*      

(other) Utilize well bore for subsurface disposal of produced water

RECEIVED

(NOTE: Report results of multiple completion or zone change on Form 9-330.) AUG 23 1984

DIVISION OF OIL  
GAS & MINING

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.)\*

It is proposed to equip the currently idle Bluff Unit Well No. 10 for subsurface disposal of water produced in conjunction with the operation of 3 Bluff Unit oil wells completed in the Desert Creek formation. Disposal will be into the Desert Creek and Lower Ismay Formations thru existing perforations which have been tested to produce a high water cut with very little oil and not enough gas to run the gas engine on the pump unit. Detail of individual wells is presented on Attachment No. 1. Since completion on 5/16/66, with an IP (pumping) of 5 BOPD + 20 BWPD, cumulative production to 8/1/84 is 585 bbl. oil + 11,775 MCF of gas. As a result of high water cut and low rate of production, the No. 10 well has been uneconomical to produce since completion. The proposed disposal interval is structurally low to the intervals being produced (Ref. Attachment No. 1.) and the indigenous water is of similar quality as that being disposed of since production and disposal involve the same zones. A current water analysis

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED Jim L. Jacobs TITLE Geologist DATE 8-17-84

(This space for Federal or State office use)

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

for each of the three producing wells is presented on Attachments 2 and 3. The No. 10 well has 8-5/8", 24# casing cemented in a 12-1/4" hole with 200 sacks of neat cement which is reported to have been circulated to the surface. The production casing is 5 1/2", 15.5#, J-55 casing cemented in a 7-7/8" hole at 5781' with 150 sacks of cement mixed with 150 cf of stratacrete followed by 100 sacks of neat cement. The calculated cement top is at 3550-4200'. The drilled TD was 5781' and the current PBD = 5748'. Water disposal will be thru 2-3/8" tubing and below a Baker Model "A" tension packer set at approximately 5550'. The casing tubing annulus will be loaded with a freshwater packer fluid and treated with a bacteriacide and corrosion inhibitor and we plan to monitor the annulus for pressure and/or fluid level by means of an echometer. Our injection pressure initially will be by gravitation with a maximum head in a 300 bbl. storage tank of approximately 15' and should never exceed 1500 psi upon pumping. Should it ever be necessary to monitor the zones of injection, the well bore will be equipped so that injection profiles could be run.

ATTACHMENT NO. 1

Bluff Unit, San Juan County, Utah

| Well  | Location<br>All in T-39S, R-23E | Status 6/84                         | Sub Sea<br>top of<br>Desert Creek | Perforated Interval                   |                               | Cumulative<br>Production to 1-1-84 |         |
|---|---------------------------------|-------------------------------------|-----------------------------------|---------------------------------------|-------------------------------|------------------------------------|---------|
|   |                                 |                                     |                                   | Measured Depth                        | Sub Sea Depth                 | BO                                 | MCF     |
| Bluff Unit No. 9  | SW SE 30                        | P - 4 BOPD + 2.5 BWPD + 17.3 MCFD   | -757'                             | 5638-64 DC                            | -817 to -843                  | 384,894                            | 625,941 |
| Bluff Unit No. 14   | NE SE 30                        | P - 9.8 BOPD + 0.5 BWPD + 31.7 MCFD | -740                              | 5626-51 DC                            | -803 to -828                  | 7,061                              | 15,812  |
| State No. 1   | NW NW 32                        | P - 5 BOPD + 1 BWPD + 16.7 MCFD     | -627                              | 5568-5604 DC                          | -685 to -721                  | 171,570                            | 509,227 |
| Underwood No. 1 <sup>Ⓐ</sup>                                      | SE NW 33                        | P - 5.1 BOPD + 0.5 BWPD + 6.7 MCFD  | -670                              | 5438-72 DC                            | -724 to -758                  | 39,253                             | 28,376  |
| Bluff Unit No. 10   | SW SW 30                        | Idle - Propose disposal of 4.5 BWPD | -909                              | 5580-5604 LI<br>5696-5742 DC          | -841 to -865<br>-957 to -1003 | 585                                | 11,775  |
| TOTAL DURING 6/84   |                                 | 23.9 BOPD + 4.5 BWPD + 72.4 MCFD    |                                   | DC = Desert Creek    LI = Lower Ismay |                               |                                    |         |
| TOTAL PRODUCTION 6/84 RELATED TO<br>WATER DISPOSAL IN WELL NO. 10 |                                 | 18.8 BOPD + 4.0 BWPD + 65.7 MCFD    |                                   |                                       |                               |                                    |         |

<sup>Ⓐ</sup> Presented for information purposes only - topography will prohibit the Underwood No. 1 from utilizing the proposed water disposal Well No. 10.

Al-Hachman No. 2

REPORT NUMBER : 2  
DATE : 7-17-84

COMPANY : DUGAN

ATTENTION OF : MR. JOHN ROE

COUNTY : SAN JUAN  
FORMATION : DESERT CREEK  
WELL : BLUFF UNIT

DATE SAMPLED : 7-13-84  
FIELD :  
LEASE : #1 & 9  
SES ANALYST : MIKE CONREY

WATER ANALYSIS  
=====

|                             |                    |              |                          |
|-----------------------------|--------------------|--------------|--------------------------|
| SPECIFIC GRAVITY            | 1.035              | OH :         | 6.50                     |
| CHLORIDE :                  | 14996.619 mg/l     | CALCIUM :    | 3847.680 mg/l            |
| BICARBONATE :               | 61.017 mg/l        | MAGNESIUM :  | 989.317 mg/l             |
| SULFATE :                   | 900.000 mg/l       | TOTAL IRON : | 0.000 mg/l               |
| SULFIDE :                   | 0.000 mg/l         | SODIUM :     | 3928.909 mg/l            |
| POTASSIUM :                 | 0.000 mg/l         |              |                          |
| TOTAL HARDNESS (as CaCO3) : |                    |              | 13608.160 mg/l           |
| TOTAL DISSOLVED SOLIDS :    |                    |              | 24703.543 mg/l           |
| RESISTIVITY :               | 0.207 OHM METERS @ |              | 60.0 DEGREES FAHRENHEIT. |

Sample Source : *Separator*

Analyst's Remarks :

IRON SPOT TEST: FAINT  
UNABLE TO DETERMINE POTASSIUM

*mg/l = ppm*

Attachment No. 3

REPORT NUMBER : 1  
DATE : 7-17-84

COMPANY : DUGAN ATTENTION OF : MR. JOHN ROE

COUNTY : SAN JUAN DATE SAMPLED : 7-13-84  
FORMATION : DESERT CREEK FIELD :  
WELL : BLUFF UNIT LEASE : #14  
SES ANALYST : MIKE CONREY

WATER ANALYSIS  
=====

|                             |                    |              |                          |
|-----------------------------|--------------------|--------------|--------------------------|
| SPECIFIC GRAVITY            | 1.210              | pH :         | 6.00                     |
| CHLORIDE :                  | 164962.797 mg/l    | CALCIUM :    | 46693.199 mg/l           |
| BICARBONATE :               | 91.525 mg/l        | MAGNESIUM :  | 3242.831 mg/l            |
| SULFATE :                   | 150.000 mg/l       | TOTAL IRON : | 201.049 mg/l             |
| SULFIDE :                   | 0.000 mg/l         | SODIUM :     | 47190.020 mg/l           |
| POTASSIUM :                 | 0.000 mg/l         |              |                          |
| TOTAL HARDNESS (as CaCO3) : |                    |              | 130077.984 mg/l          |
| TOTAL DISSOLVED SOLIDS :    |                    |              | 262531.438 mg/l          |
| RESISTIVITY :               | 0.069 OHM METERS @ |              | 60.0 DEGREES FAHRENHEIT. |

Sample Source : *Separator*

Analyst's Remarks :

IRON SPOT TEST: FAIR  
UNABLE TO DETERMINE POTASSIUM



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

September 10, 1984

Dugan Production Corporation  
P.O. Box 208  
Farmington, New Mexico 87499

Attn: Jim L Jacobs

Dear Mr. Jacobs:

RE: CONVERSION BLUFF UNIT WELL #10 TO WATER DISPOSAL

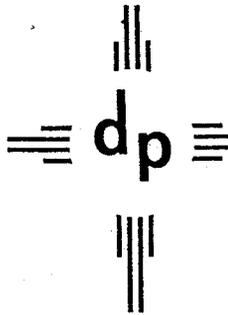
Reference our telephone conversation of this date, attached hereto are copies of the forms which need to be filed with this Division. For your information a set of completed forms is also enclosed together with the rules and regulations governing Class II well applications.

Thank you,

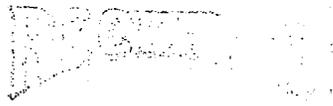
Cleon B. Feight  
UIC Manager

CBF/mfp

*Copy of original*



# dugan production corp.



FEB 27 1992

DIVISION OF  
OIL GAS & MINING

February 24, 1992

Division of Oil, Gas and Mining  
3 Triad Center, Suite 350  
Salt Lake City, UT 87180-1203

Attn: Lisha Romero

RE: Assignment of Wells and Leases  
Bluff Unit  
T39 & 40S- R22 & 23E  
San Juan County, Utah

Dear Ms. Romero:

Pursuant to your phone call of February 21, 1992, this is to advise that Dugan Production Corp. (DPC) sold all of its interest in the wells and leases within the captioned unit in accordance with the enclosed assignment.

The wells DPC operated within said unit consisted of the following:

Hermosa Penn "A" Participating Area

43-037-20236 Bluff Unit - State Well No. 1 NW NW 32, T39S, R23E

43-037-15327 Bluff Unit - Well No. 9 SW SE 30, T39S, R23E

43-037-30523 Bluff Unit - Well No. 14 (Tenneco) NE SE 30, T39S, R23E

Wells outside P. A. - Operated on Lease Basis

43-037-11079 Bluff Unit - Underwood Well #1 SE NW 33, T39S, R23E

43-037-20989 Bluff Unit - Well No. 16 SW SE 29, T39S, R23E

43-037-15328 Bluff Unit Well No. 10\* SW SW 30, T39S, R23E

43-037-16538 BLUFF STATE #2 SE NW 32, T39S, R23E

\*Not currently capable of producing

Division of Oil, Gas and Mining  
Page 2  
February 24, 1992

Additional wells within the Unit operated by Sterling Energy Corporation:

Hermosa Penn Participating Area (Hickman Bluff)

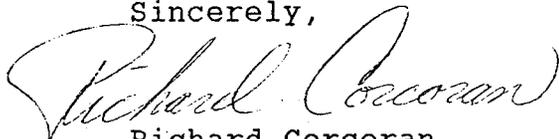
|              |                          |                     |
|--------------|--------------------------|---------------------|
| 43-037-15864 | Bluff Unit Well No. 3    | NW NW 4, T40S, R23E |
| 43-037-15865 | Bluff Unit Well No. 24-5 | SE SW 5, T40S, R23E |
| 43-037-15867 | Bluff Unit Well No. 44-5 | SE SE 5, T40S, R23E |
| 43-037-30726 | Bluff Unit Well No. 13-4 | NW SW 4, T40S, R23E |
| 43-037-30866 | Bluff Unit Well No. 42-5 | SE NE 5, T40S, R23E |

DPC submitted a Change in Unit Operator Agreement to the BLM (copy attached) which has not been approved, as the working interest owners have not elected a successor operator yet. Sterling Energy Corporation had been designated the operator for the Hermosa Penn Participating Area wells under an agreement previously approved by the BLM and Sunfield Energy Company is acting as a Sub-Operator for the remaining wells within the Unit until a Successor Operator is formally approved.

As soon as a Successor Operator has been approved, that operator will submit the necessary sundries.

Thank you for your cooperation with this matter and if there should be any questions, please contact me.

Sincerely,



Richard Corcoran  
Land Manager

RC/mmm

Enclosures

FEB 27 1992

BILL OF SALE AND ASSIGNMENT:  
CONVEYANCE OF OIL, GAS AND MINERAL INTERESTS  
("Bill of Sale and Assignment")

STATE OF UTAH  
COUNTY OF SAN JUAN

§  
§ KNOWN ALL MEN BY THESE PRESENTS:  
§

A. That Dugan Production Corp., (a/k/a Dugan Production Corporation) a New Mexico corporation, ("Assignor") whose business address is 709 East Murray Drive, P.O. Box 420, Farmington, New Mexico 87499-0420, for and in consideration of the sum of TEN AND NO/100 (\$10.00) DOLLARS in hand paid and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, has GRANTED, BARGAINED, SOLD, CONVEYED, ASSIGNED, TRANSFERRED, SET OVER and DELIVERED, and by these presents does GRANT, BARGAIN, SELL, CONVEY, ASSIGN, TRANSFER, SET OVER and DELIVER effective as of September 1, 1991, unto Sunfield Energy Company, a Nevada corporation ("Assignee"), whose address is 112 East Pecan St., Suite 800, San Antonio, Texas 78205, the following:

1. All of Assignor's rights, titles and interests in, to and under the Bluff Federal Unit in Utah (the "Unit", which is drawn on the map attached hereto and incorporated herein by reference as Exhibit A) and all oil, gas and/or mineral leases comprising or forming part of same, as more particularly described on Exhibit B attached hereto and incorporated herein by reference (the "Leases"). This conveyance includes, without limitation, all of Assignor's rights, titles and interests in, to and under all gas, oil, petroleum, other hydrocarbons and other minerals produced from the Unit and/or the Leases (together with the proceeds therefrom) and all wells located thereon, as well as all working, net revenue, royalty, and overriding royalty interests owned by Assignor (Assignor's share of such Unit, Leases, minerals, wells and interests collectively is referred to as the "Mineral Interests").
2. All of Assignor's rights, titles and interests in and to all equipment, casing and improvements on the Unit and/or the Leases, including without limitation the following:
  - (i) All buildings, roads, fences, gas plants, and other improvements located thereon;
  - (ii) All other rights, titles and interests of Assignor of whatever kind or character (whether now owned or hereafter acquired by operation of law or otherwise), if any, in and to the lands, rights and interests described in Exhibit A and/or Exhibit B, even though such interests of Assignor may be incorrectly described in or omitted from such Exhibits, but only to the extent that such encompasses, covers or affects the Unit and/or the Leases;
3. All of Assignor's interest, if any, in and rights under (including, but not limited to, rights to operate) all operating agreements, gas purchase contracts, residue gas sales contracts, oil sales contracts, letter agreements, gas products sales contracts, exchange and/or processing agreements, transportation agreements, easements, servitudes, rights-of-way, surface leases, other surface

rights agreements and other real estate interests and any other contracts and/or agreements which cover, affect or otherwise relate to the Unit and/or the Leases, as well as any renewals, extensions or amendments thereof or thereto, but only to the extent: 1) that such encompass, affect or cover the Unit and/or the Leases or the Mineral Interests; or 2) that such relate to or affect the exploration, drilling or operating of the Unit and/or the Leases or the Mineral Interests, or the treating, handling, storing, transporting or marketing of oil, gas or other minerals produced from (or allocated to) such Unit and/or Leases (all of such rights and agreements collectively the "Contract Rights");

4. All of Assignor's rights, titles and interests, if any, in and to all equipment (whether downhole or surface), machinery, appliances, materials, supplies, pumping units, pump jacks, tubing wellheads, pump tees, electric motors, electric boxes and lines, fittings, valves, pipelines, flow lines, gathering lines, buildings, casing, injection facilities, salt water disposal facilities, and all other personal property or fixtures used or held for use in or located on or otherwise used in connection with the exploration, drilling, handling, producing or marketing of oil and gas from, on, or through the Unit and/or the Mineral Interests or the Contract Rights (the "Equipment"), except that Dugan is not transferring that certain horizontal duplex gaso power pump, 2-1/2" - 5" x 10", serial no. 21306 with its gas Ajax 8-1/2" x 10" Model CMA horizontal single cylinder engine, serial no. 58625;
  5. All of Assignor's rights, titles and interests in the contents of all tanks, barrels, pipelines and other similar containers or receptacles located on the Unit and/or the Leases or used in conjunction with mineral production from the Unit and/or the Leases, including, without limitation, all oil, gas, casinghead gas, drip gasoline, natural gasoline, condensate, and other liquid or gaseous hydrocarbons produced from the Unit and/or the Leases or purchased by or for the benefit of Assignor subsequent to the Effective Date as hereafter defined (the "Residue").
  6. All of Assignor's rights, titles and interests in and to the Aneth Gas Plant located in Aneth, Utah, operated by Texaco, and to all associated pipelines, real property interests, fixtures, equipment, and personal property, including, but not limited to, easements and rights-of-way (all of the foregoing collectively, the "Aneth Gas Plant Interests").
  7. Copies of and co-ownership rights in all of Assignor's logs, DST's, other test results and raw geological and geophysical data (but in no event any of Dugan's interpretations of such data) related to the Mineral Interests, the Leases and/or the Unit (the "Data");
  8. Copies or originals of all contracts, agreements, run tickets, and other materials and files in Dugan's possession relating to the Mineral Interests, the Leases and/or the Unit.
- B. Assignor agrees to execute, acknowledge and deliver to Assignee all such other additional instruments, notices, division orders, transfer orders, letters in lieu of 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 the interests conveyed hereby to Assignee. Assignee shall not attempt to use this

Paragraph B to subsequently cause Assignor to convey interests not intended to be purchased by Assignee pursuant to this Bill of Sale and Assignment or the Agreement to Purchase and Sell between Assignor and Assignee dated September 16, 1991.

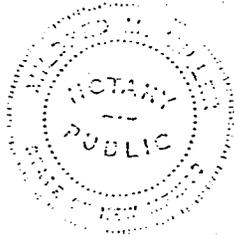
- C. This Bill of Sale and Assignment shall bind and inure to the benefit of Assignor and Assignee and their respective successors and assigns to the fullest applicable extent.
- D. The rights assigned to Assignee hereunder are subject to the terms of the Leases and all contracts, assignments, rights-of-way, encumbrances, agreements, and other lease burdens of record which affect the interests in the Mineral Interests and Leases assigned herein; provided, however, that this Paragraph D. shall not reduce or impair the enforceability and validity of Assignor's representations and warranties about the Leases, the Mineral Interests, and such contracts, assignments, rights-of-way, and other matters contained in the Agreement to Purchase and Sell between Assignor and Assignee dated September 16, 1991.
- E. Assignee, in consideration of the Mineral Interests and other interests herein conveyed, by acceptance hereof, agrees to be responsible for and perform, at the sole expense of Assignee, all of the liabilities, obligations, and covenants of Assignor arising from or contained in the Leases and any and all other agreements hereby assigned or from operations thereunder, to the extent accruing after the date hereof; to plug and abandon any and all wells heretofore or hereafter drilled on the mineral interests with respect to which said Leases are assigned in accordance with all applicable laws, rules, and regulations; and to hold Assignor, its successors and assigns, harmless of and from any and all claims, demands, loss, cost, risk, or expense of whatsoever kind, including reasonable attorney's fees, resulting from (i) the performance of or failure to perform the plugging and abandonment obligations and covenants aforesaid, or (ii) any and all further operations by Assignee after the date hereof on or under the Leases so assigned or in the Mineral Interests, including but not limited to (to the extent on or after the date hereof) operations for or in connection with the production of oil and gas, the transportation, containment, or disposal of salt water or other deleterious substance across, thereon, therein, or therefrom, the abandonment or plugging of any well or wells thereon or the repair or removal of any material or equipment therefrom, from and after the effective date hereof.

THIS BILL OF SALE AND ASSIGNMENT IS MADE WITHOUT WARRANTY OF TITLE EXPRESS OR IMPLIED, AND THE CONVEYANCE OF WELLS, PERSONAL PROPERTY, AND EQUIPMENT MADE HEREIN IS MADE "AS IS, WHERE IS", WITHOUT WARRANTY AS TO KIND, QUANTITY OR CONDITIONS (EXCEPT FOR THE REPRESENTATIONS AND WARRANTIES CONTAINED IN THE AGREEMENT TO PURCHASE AND SELL BETWEEN ASSIGNOR AND ASSIGNEE DATED SEPTEMBER 16, 1991). ASSIGNOR MAKES NO WARRANTY OF ANY KIND WHATSOEVER WITH RESPECT TO THE PERSONAL PROPERTY AND FIXTURES, INCLUDING, WITHOUT LIMITATION, WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE (EXCEPT FOR THE REPRESENTATIONS AND WARRANTIES CONTAINED IN THE AGREEMENT TO PURCHASE AND SELL BETWEEN ASSIGNOR AND ASSIGNEE DATED SEPTEMBER 16, 1991).

TO HAVE AND TO HOLD THE MINERAL INTERESTS, THE EQUIPMENT, THE CONTRACT RIGHTS, THE RESIDUE, THE ANETH GAS PLANT INTERESTS, THE DATA, AND ALL OTHER PROPERTY ASSIGNED HEREIN, FOREVER.



ACKNOWLEDGED, SUBSCRIBED AND SWORN to before me on this 17th day of October, 1991, to certify which witness my hand and official Seal.



Mildred M. Miller

Notary Public, State of New Mexico

Printed Name: MILDRED M. MILLER

Commission Expires: 1-30-93

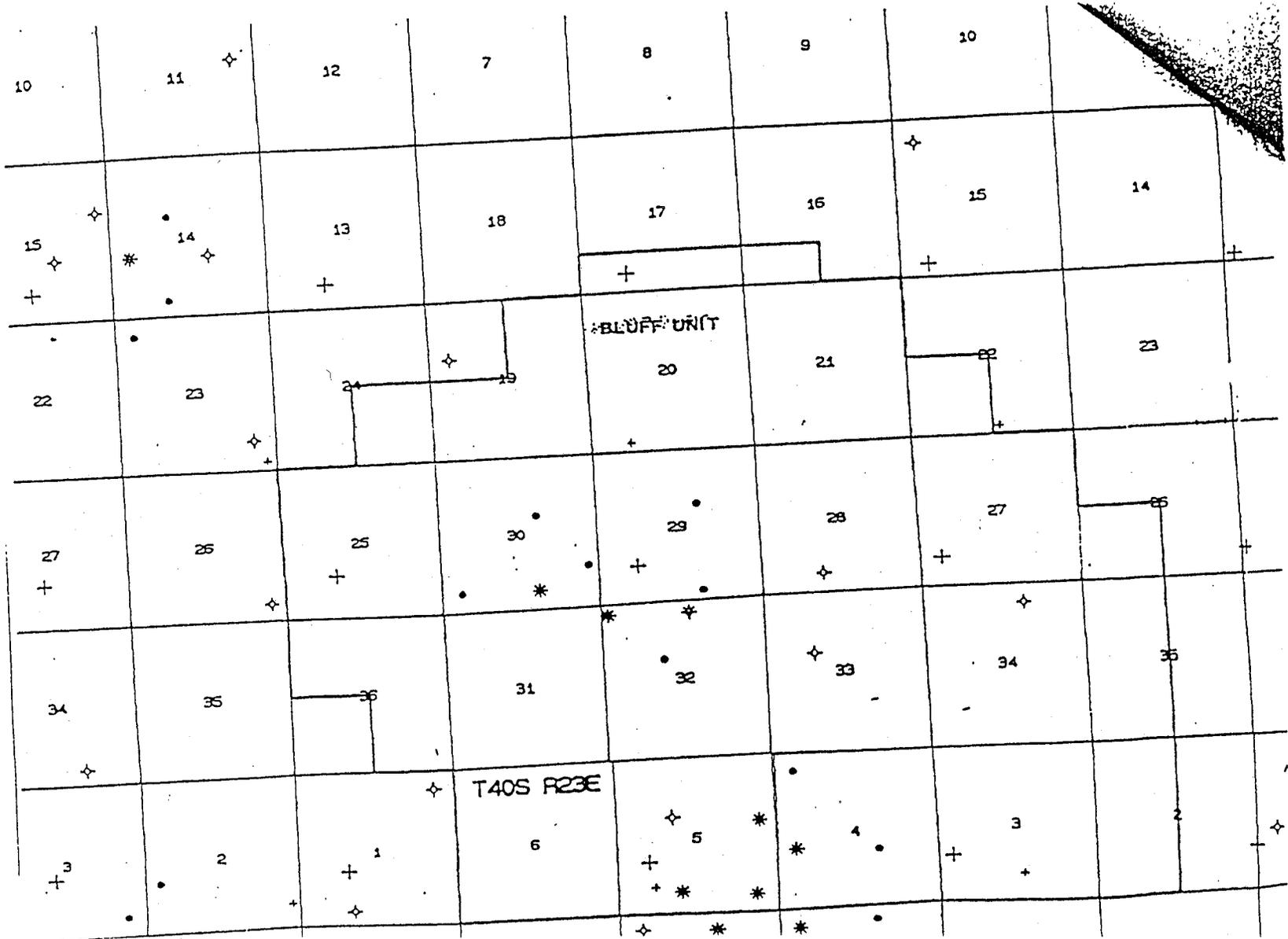


EXHIBIT "A"

Bluff Federal Unit  
San Juan County, Utah

| LEASE NUMBER | DESCRIPTION  | ACRES * |
|--------------|--|---------|
| SL-067706-A  | Township 39 South, Range 23 East<br>Sec. 22: SW/4<br>Sec. 26: SW/4<br>Sec. 27: All   | 960.00  |
| ML-4858      | Township 39 South, Range 23 East<br>Sec. 16: S/2 SW/4  | 80.00   |
| SL-067699-A  | Township 39 South, Range 23 East<br>Sec. 17: S/2 SE/4  | 80.00   |
| SL-067700-A  | Township 39 South, Range 23 East<br>Sec. 17: S/2 SW/4<br>Sec. 19: Lots 3, 4, E/2 SW/4, E/2<br>Sec. 20: All<br>Sec. 21: N/2, SW/4 | 1676.13 |
| SL-067691-A  | Township 39 South, Range 22 East<br>Sec. 24: SE/4  | 180.00  |
| SL-067692-A  | Township 39 South, Range 22 East<br>Sec. 26: S/2, NW/4, S/2 NE/4,<br>NW/4 NE/4   | 600.00  |
| ML-2004      | Township 39 South, Range 22 East<br>Sec. 25: NE/4 NE/4   | 40.00   |
| SL-067701    | Township 39 South, Range 23 East<br>Sec. 21: SE/4<br>Sec. 28: All<br>Sec. 29: All<br>Sec. 30: All<br>Sec. 31: N/2, SW/4          | 2547.48 |
| ML-4857      | Township 39 South, Range 22 East<br>Sec. 38: N/2, SE/4   | 480.00  |
| SL-067710-A  | Township 39 South, Range 23 East<br>Sec. 31: SE/4<br>Sec. 33: E/2, W/2 NW/4, SW/4<br>Sec. 34: All<br>Sec. 35: W/2                | 1680.00 |

\*More or Less

\*More or Less

| LEASE NUMBER | DESCRIPTION   | ACRES *  |
|--------------|---|----------|
| SL-087710-C  | Township 39 South, Range 23 East<br>Sec. 33: E/2 NW/4   | 80.00    |
| ML-2008      | Township 39 South, Range 23 East<br>Sec. 32: SE/4 SE/4 SE/4   | 10.00    |
| ML-2008-A    | Township 39 South, Range 23 East<br>Sec. 32: N/2, SW/4, W/2 SE/4, NE/4 SE/4,<br>N/2 SE/4 SE/4, SW/4 SE/4 SE/4 | 630.00   |
| SL-071404-A  | Township 40 South, Range 23 East<br>Sec. 6: All   | 638.44   |
| SL-071403-A  | Township 40 South, Range 23 East<br>Sec. 3: All<br>Sec. 4: All<br>Sec. 5: All                                 | 1920.00  |
| ML-2780      | Township 40 South, Range 23 East<br>Sec. 2: W/2   | 320.00   |
|              | TOTAL   | 11900.05 |

\*More or Less

# CHANGE IN UNIT OPERATOR

Bluff Unit Area  
County Of San Juan  
State of Utah  
No. 782

This indenture, dated as of the 14th day of October, 1991, by and between Dugan Production Corp., hereinafter designated as "First Party", and Sunfield Energy Company, hereinafter designated as "Second Party".

## WITNESSETH:

Whereas under the provisions of the Act of February 25, 1920, 41 Stat. 437 30 U.S.C. secs. 181, et seq., as amended by the Act of August 8, 1946, 60 Stat. 950, the Secretary of the Interior, on the 17th day of May, 1951, approved a Unit Agreement for the Bluff Unit Area, wherein the First Party is designated as Unit Operator; and

Whereas the First Party desires to transfer, assign, release, and quitclaim, and the Second Party desires to assume all the rights, duties and obligations of Unit Operator under the Unit Agreement; and

Whereas for sufficient and valuable consideration, the receipt whereof is hereby acknowledged, the First Party has transferred, conveyed, and assigned all its rights under certain operating agreements involving lands within the area set forth in said unit agreement unto the Second Party;

Now, therefore, in consideration of the premises hereinabove set forth, the First Party does hereby transfer, assign, release, and quitclaim unto Second Party all of First Party's rights, duties, and obligations as Unit Operator under said unit agreement; and

Second Party hereby accepts this assignment and hereby covenants and agrees to fulfill the duties and assume the obligations of Unit Operator under and pursuant to all the terms of said unit agreement to the full extent set forth in this assignment, effective upon approval of this indenture by the Chief, Branch of Fluid Minerals, Bureau of Land Management, Robert A. Henricks; said Unit Agreement being hereby incorporated herein by reference and made a part hereof as fully and effectively as though said Unit Agreement were expressly set forth in this instrument.

In witness whereof, the parties hereto have executed this instrument as of the date hereinabove set forth.

First Party:

WITNESS my hand and seal  
this 17<sup>th</sup> of October, 1991.  
Melba D. Miller  
Notary Public  
My commission expires  
1-30-93

DUGAN PRODUCTION CORP.

By: Thomas A. Dugan  
Title: President

Second Party:

WITNESS my hand and seal  
this 17<sup>th</sup> day of October, 1991.  
Melba D. Miller  
Notary Public  
My commission expires  
1-30-93

SUNFIELD ENERGY COMPANY

By: Daniel P. Neelan  
Title: Executive Vice President

I hereby approve the foregoing indenture designating Sunfield Energy Company as Unit Operator under the Unit Agreement for the Bluff Unit Area, this \_\_\_\_\_ day of \_\_\_\_\_, 1991.

Authorized officer of the Bureau of Land Management:

Robert A. Henricks  
Chief, Branch of Fluid Minerals

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: 8-24-92 Time: 11:00

2. DOGM Employee (name) L. ROMERO (Initiated Call   
Talked to:

Name JOHN (Initiated Call  - Phone No. ( 510 ) 933-5464

of (Company/Organization) N1760-SUNFIELD ENERGY COMPANY

3. Topic of Conversation: OPERATOR CHANGE FROM DUGAN PRODUCTION CORP. TO  
SUNFIELD ENERGY COMPANY.

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

BLM/SL APPROVED BLUFF UNIT "HRMS A P.A." FROM DUGAN TO SUNFIELD 8-11-92.

(43-037-20236, 43-037-15327 & 43-037-30533)

BLM/MOAB DOES NOT HAVE ANY REQUESTS FOR OPERATOR CHANGE FOR 43-037-11079,

43-037-30989 & 43-037-15328 (WELLS ON LEASE BASIS), REFERRED HIM TO THE BLM/MOAB.

REQUESTED DOC FOR STATE LEASE WELL 43-037-16538 & 43-037-20236 & REFERRED HIM

TO STATE LANDS.

CONFIRMED ADDRESS & CONTACT PERSON IN REGARD TO PRODUCTION & DISP. REPORTS.

Form 3160-5  
(June 1990)

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.

SL 067701

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

Bluff Unit 892000782A

8. Well Name and No.

N/A

9. API Well No.

N/A

10. Field and Pool, or Exploratory Area

Field

11. County or Parish, State

San Juan County, Utah

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

Sunfield Energy Company

3. Address and Telephone No.

3315 Bloomfield Highway, Farmington, New Mexico 87401 505-326-5525

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

Please See Below:

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 Designation 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.)\*

PLEASE BE ADVISED THAT SUNFIELD ENERGY COMPANY HAS ASSUMED OPERATING RIGHTS FOR THE BLUFF UNIT #892000782A FROM DUGAN PRODUCTION CORP., EFFECTIVE IMMEDIATELY. THE WELLS ARE REFERENCED BELOW FOR YOUR REFERENCE:

- PA'd 8/85-Bluff Unit #8 29-39S-23E SL 067701 43-037-15326 eff. 9/91
- Bluff Unit #9 30-39S-23E ~~unit well~~
- Bluff Unit #10 30-39S-23E SL 067701-43-037-15328
- PA'd 10/87-Bluff Unit #12 30-39S-23E SL 067701-43-037-20046
- Bluff Unit #14 30-39S-23E ~~unit well~~
- Bluff Unit #16 29-39S-23E SL 067701-43-037-30989
- \*Underwood Bluff Unit #1 33-39S-23E - 43-037-11079
- \* SL 067710C

SUNFIELD ENERGY COMPANY CURRENTLY OPERATES UNDER STATEWIDE BLM FEDERAL BOND #B03571

RECEIVED  
MOAB DISTRICT OFFICE  
93 AUG 11 AM 7:49  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

Signed [Signature]

Title Landman

Date 7/16/93

(This space for Federal or State office use)

Approved by [Signature]

Title Associate District Manager

Date 8/18/93

Conditions of approval, if any:

CONDITIONS OF APPROVAL ATTACHED

Title 48 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Sunfield Energy Company  
Various Wells  
T. 39 S., R. 23 E.  
San Juan County, Utah  
Lease SL-067701 & SL-067710C

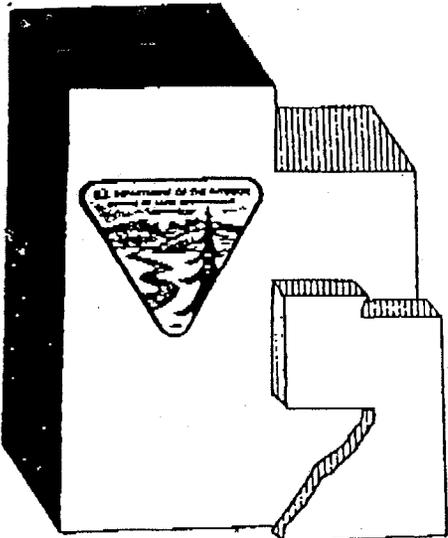
CONDITIONS OF APPROVAL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be advised that Sunfield Energy Company is considered to be the operator of the above well and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond coverage for this well is provided by UT0922 (Principal - Sunfield Energy Company) via surety consent as provided for in 43 CFR 3104.2.

This office will hold the aforementioned operator and bond liable until the provisions of 43 CFR 3106.7-2 continuing responsibility are met.



FAX TRANSMITTAL  
MOAB DISTRICT OFFICE

TO: 1 Lisa

FROM: Vulture

SUBJECT: Change of Manager

NUMBER OF PAGES: 3  
(Including Cover Sheet)

DATE: 8/26/93

TIME: 4:43

FAX MACHINE NO.: \_\_\_\_\_

COMMENTS:

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

Routing:

|           |        |
|-----------|--------|
| 1- LOR    | 7- LOR |
| 2- DT87TS |        |
| 3- VLC    |        |
| 4- RJF    |        |
| 5- PL     |        |
| 6- SI     |        |

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: 9-01-91)

|  |  |
|--|--|
| TO (new operator) <u>SUNFIELD ENERGY COMPANY</u> | FROM (former operator) <u>DUGAN PRODUCTION CORP.</u> |
| (address) <u>3315 BLOOMFIELD HWY</u>             | (address) <u>709 E MURRAY DRIVE</u>                  |
| <u>FARMINGTON, NM 87401</u>                      | <u>PO BOX 420</u>                                    |
|  | <u>FARMINGTON, NM 87499-0420</u>                     |
| phone ( <u>505</u> ) <u>326-5525</u>             | phone ( <u>505</u> ) <u>325-1821</u>                 |
| account no. <u>N 1760</u>                        | account no. <u>N 2140</u>                            |

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

|                                      |                          |                    |   |                              |
|--------------------------------------|--------------------------|--------------------|---|------------------------------|
| Name: <u>UNDERWOOD BLUFF #1/DSCR</u> | API: <u>43-037-11079</u> | Entity: <u>630</u> | Sec <u>33</u> Twp <u>39S</u> Rng <u>23E</u> | Lease Type: <u>SL067710C</u> |
| Name: <u>BLUFF 16/DSCR</u>           | API: <u>43-037-30989</u> | Entity: <u>632</u> | Sec <u>29</u> Twp <u>39S</u> Rng <u>23E</u> | Lease Type: <u>SL067701</u>  |
| Name: <u>BLUFF 10/DSCR</u>           | API: <u>43-037-15328</u> | Entity: <u>627</u> | Sec <u>30</u> Twp <u>39S</u> Rng <u>23E</u> | Lease Type: <u>SL067701</u>  |
| 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**

- Sec 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 2-27-92)*
- Sec 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *\* see Bill of Sale and Assignment (Rec'd 8-26-93)*
- N/A 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: \_\_\_\_\_.
- Sec 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.
- Sec 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(8-30-93)*
- Sec 6. Cardex file has been updated for each well listed above. *(8-30-93)*
- Sec 7. Well file labels have been updated for each well listed above. *(8-30-93)*
- Sec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(8-30-93)*
- Sec 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) 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)

- 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) no. Today's date \_\_\_\_\_ 1993. If yes, division response was made by letter dated \_\_\_\_\_ 1993.

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 \_\_\_\_\_ 1993, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- 2. Copies of documents have been sent to State Lands for changes involving State leases.

MICROFILMING

- 1. All attachments to this form have been microfilmed. Date: 9.20 1993

FILED

- 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.

REMARKS

*\* other wells handled on separate change.*

- 920302 Btm/Mcab No documentation. (Referred operator "Sunfield" to the Btm)
- 920821 Btm/Mcab " "
- 921215 Btm/Mcab " "
- 930830 Btm/Mcab Approved 8-18-93 eff. 9/91. (Bill of Sale eff. date 9-1-91)

UNITED STATES DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY **Conoco Les. No. 161860**

SUBMIT IN THE MANNER INDICATED\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.  
**SL 067701**

**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.)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

**Bluff Unit**

8. FARM OR LEASE NAME

9. WELL NO.

**10**

10. FIELD AND POOL, OR WILDCAT

**Desert Creek**

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

**30, T39S, R23E-S1M**

12. COUNTY OR PARISH 13. STATE

**San Juan**

**Utah**

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
**Continental Oil Company**

3. ADDRESS OF OPERATOR  
**P. O. Box 1621, Durango, Colorado**

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

**660' FSL, 660' FWL**

14. PERMIT NO.

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

**4727' GR**

**4739' DF**

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

**Corr. on Report**

(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.)\*

**Please refer to Form 9-330 "Well Completion or Recompletion Report and Log" submitted 6/9/66 and Form 9-331 "Sundry Notices & Reports on Wells" (Well Completion) submitted 6/10/66. Both reports showed a completion interval of 5712'-40'. Please correct both reports to read 5728'-5740'.**

*Corrected Intervals*

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

SIGNED Original Signed By:  
**H. D. HALEY**

TITLE **District Manager**

DATE **6/14/66**

(This space for Federal or State office use)

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

\*See Instructions on Reverse Side

June 17, 1966

Continental Oil Company  
P. O. Box 1621  
Durango, Colorado

Re: Well No. Bluff Unit #10,  
Sec. 30, T. 39 S., R. 23 E.,  
San Juan County, Utah

Gentlemen:

We are in receipt of your well log for the above mentioned well (s). However, upon checking this information, we note that you did not report the water sands encountered while drilling.

Please complete the enclosed Forms OGCC-8-X, in quadruplicate, and return to this office as soon as possible.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

ANNETTE R. HANSEN  
RECORDS CLERK

arh

Enclosure

STATE OF UTAH  
DEPARTMENTAL MEMORANDUM

DATE:

DEPARTMENT

FILE:

SECTION

CLASSIFICATION

BY

DATE

July 19, 1966

Continental Oil Company  
Box 1621  
Durango, Colorado

Gentlemen:

As of this date we have not recieved the subsequent reports on the following wells:

Bluff Unit #10  
Sec. 30, T. 39 S., R. 23 E.,  
San Juan County, Utah

Subsequent report of  
notice to cement squeeze  
dated May 2, 1966.

Bluff Unit #12  
Sec. 30, T. 39 S., R. 23 E.,  
San Juan County, Utah

Subsequent report of  
notice to change plans  
dated March 30, 1966.

Please complete the inclosed forms on said wells and return them to this office as soon as possible.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

ANNETTE R. HANSEN  
RECORDS CLERK

ARR:cam



# CONTINENTAL OIL COMPANY

P. O. Box 1621  
Durango, Colorado 81301  
July 25, 1966

The State of Utah  
Oil & Gas Conservation Commission  
348 East South Temple  
Suite 301  
Salt Lake City, Utah 84111

Attention of Annette R. Hansen, Records Clerk

Dear Miss Hansen,

Regarding your letter of July 19, 1966, concerning subsequent reports of operations performed on Bluff Unit Well No. 10 and No. 12, please be advised that the report on Bluff No. 12 was submitted April 25, 1966, and the report on Bluff No. 10 was submitted June 7, 1966. We are sending Xerox copies of the subject reports as approved by the local U.S.G.S. office, and hope that this will be satisfactory for your records.

Since neither of these reports apparently reached you, we are wondering if you received the U.S.G.S. "Sundry Notice - Subsequent Report of Well Completion" and the "Well Completion Report and Log" on No. 10 dated June 9, 1966, and on No. 12 dated June 17, 1966. If not, please advise and we will furnish copies of these reports also.

Very truly yours, -

A handwritten signature in cursive script that reads "R K O'Neil".

R. K. O'Neil  
Senior Engineer  
Durango District  
Production Department

AE/ae

Attachments

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN  
(Other Instr  
verse side)

PLICATIONS  
ons on re-

Form approved.  
Budget Bureau No. 42-R1424.  
5. LEASE DESIGNATION AND SERIAL NO.

5L-067701  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NAVAJO  
7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
BLUFF UNIT - CONRAD

9. WELL NO.  
10

10. FIELD AND POOL, OR WILDCAT  
DESERT CREEK

11. SEC. T., R., M., OR BLK. AND  
SURVEY OR AREA  
SEC. 30 T-395 R 23E

12. COUNTY OR PARISH  
SAN JUAN

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  
CONTINENTAL OIL COMPANY

3. ADDRESS OF OPERATOR  
Box 460, HORBS, N.M. 88240

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

660' FSL & 660' FWL of Sec. 30

14. PERMIT NO.

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

4739' KB

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF   
FRACTURE TREAT   
SHOOT OR ACIDIZE   
REPAIR WELL   
(Other)   
PULL OR ALTER CASING   
MULTIPLE COMPLETE   
ABANDON\*   
CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF   
FRACTURE TREATMENT   
SHOOTING OR ACIDIZING   
(Other) Indefinitely Shut-In   
REPAIRING WELL   
ALTERING CASING   
ABANDONMENT\*

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

As required by Rule C-22, Utah Oil & Gas Conservation Commission, Para (3), the well named above is being reported as indefinitely shut-in for the reason indicated below:

REASON

Unconformable to Produce

DATE SHUT-IN

11-1-66

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

SIGNED [Signature]

TITLE Sr. Analyst

DATE 1-14-75

(This space for Federal or State office use)

APPROVED BY  
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

1565-d (Farmington), UO6CC-2 File

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

*SL-067701*

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  
*Continental Oil Company*

3. ADDRESS OF OPERATOR  
*P. O. Box 460, Hobbs, New Mexico 88240*

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

*660 15L & 660 FWL*

14. PERMIT NO.

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

*4739' KB*

7. UNIT AGREEMENT NAME

*BLUFF*

8. FARM OR LEASE NAME

*Bluff Unit - Cased*

9. WELL NO.

*10*

10. FIELD AND POOL, OR WILDCAT

*Desert Creek*

11. SEC., T., R., M., OR B.L.K. AND SURVEY OR AREA

*Sec 30, T. 139S, R. 23E*

12. COUNTY OR PARISH

13. STATE

*SAN JUAN*

*UTAH*

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(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.)\*

Status of Well: *Shut In*

Approximate date that temp. aban. commenced: *11-1-66*

Reason for temp. aban.: *Uneconomic*

Future plans for well: *EVALUATE DEEPER ZONE*

Approximate date of future W. O. or plugging: *Indefinite*

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

SIGNED

*A. Puller*

TITLE

*Asst. Geol.*

DATE

*12-1-75*

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

USGS (5) FILE *406006*

\*See Instructions on Reverse Side

W. C. Blackburn  
Division Manager  
Production Department  
Western Hemisphere Petroleum Division

Continental Oil Company  
152 North Durbin  
Pacific Western Life Building  
Casper, Wyoming 82601  
(307) 234-7311

August 13, 1976

RECEIVED  
AUG 15 1976

*copy to [unclear]*

State of Utah  
Department of Natural Resources  
Division of Oil, Gas and Mining  
1588 West North Temple  
Salt Lake City, Utah 84116

Gentlemen:

Water Quality Analyses  
File: DM-535.11-CF

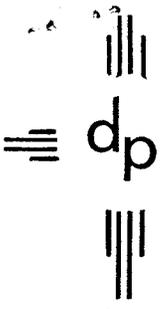
This letter is in reply to your request dated August 11, 1976, for water quality analyses taken on wells in the State of Utah since July, 1972. Continental Oil Company's Casper Production office has no wells in the State of Utah under its jurisdiction and it is believed that our Hobbs, New Mexico office will forward any requested data that is applicable.

Very truly yours,

*W. C. Blackburn*

jf

cc: Mr. L. P. Thompson  
Continental Oil Company  
Box 460  
Hobbs, New Mexico 88240



# dugan production corp.

---

January 4, 1979

Cleon D. Feight, Director  
Division of Oil, Gas & Mining  
1588 West North Temple  
Salt Lake City, UT 84116

RE: Bluff Unit  
San Juan County, Utah

*Bluff Unit #10*

Dear Mr. Feight:

Effective October 1, 1978 Dugan Production Corp. succeeded to the interests of the Continental Oil Company in the captioned unit.

Enclosed is a list of the wells and their locations for which Dugan Production Corp. is now the Operator.

Please advise if you need further information or assistance.

Sincerely,

Richard Tully  
RT/sak

Enclosure

cc: Alton J. Carroll  
Continental Oil Company  
Box 2197  
Houston, TX 77001



BLUFF UNIT  
SAN JUAN COUNTY, UTAH

Dugan Production Corp.-Operator

| <u>Name of Well</u>     | <u>Location</u>                                |
|-------------------------|--|
| Bluff Unit #8           | <u>T-39-5, R-23-E</u><br>Section 29: SW/4 NE/4 |
| Bluff Unit #12          | <u>T-39-5, R-23-E</u><br>Section 30: SW/4 NE/4 |
| Underwood Bluff Unit #1 | <u>T-39-5, R-23-E</u><br>Section 33: SE/4 NW/4 |
| Hermosa Penn A #1       | <u>T-39-5, R-23-E</u><br>Section 32: NW/4 NW/4 |
| Hermosa Penn A #9       | <u>T-39-5, R-23-E</u><br>Section 30: SW/4 SE/4 |
| Bluff State #2          | <u>T-39-5, R-23-E</u><br>Section 32: SE/4 NW/4 |
| <u>Bluff Unit #10</u>   | <u>T-39-5, R-23-E</u><br>Section 30: SW/4 NE/4 |

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424

5. LEASE DESIGNATION AND SERIAL NUMBER

SL-067701

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.)

7. UNIT AGREEMENT NAME

Bluff Unit

8. FARM OR LEASE NAME

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR

Continental Oil Company

3. ADDRESS OF OPERATOR

152 North Durbin St., Casper, Wyo. 82601

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

At surface

660' FSL, 660' FWL

9. WELL NO.

10

10. FIELD AND POOL, OR WILDCAT

Bluff - Desert Creek

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

Sec. 30, T39S, R23E

14. PERMIT NO.

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

4727' Gr., 4739' DF

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

Recomplete

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(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.)\*

TD 5781', PBTD 5745'. Zone III perforated 5728-40' and acidized. Well shut in November, 1966.

It is proposed to clean the well out, perforate Zone II and Lower Ismay, and acidize and test for production from these zones. The well will be returned to production from the Desert Creek and Lower Ismay zones commingled down hole.

USCS(4) UO&GCC(2) Tenneco Shell File

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

SIGNED

*J.A. Urban*

TITLE Administrative Supervisor

DATE

1/8/74

(This space for Federal or State office use)

APPROVED

CONDITIONS OF APPROVAL, IF ANY:

JAN 15 1974

JERRY W. LONG  
DISTRICT ENGINEER

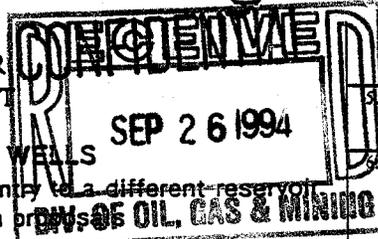
TITLE

DATE

\*See Instructions on Reverse Side

UTAH DEPT. OF NAT. RES.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT



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

Lease Designation and Serial No.  
SL 067701  
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 reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.

SUBMIT IN TRIPLICATE

1. Type of Well  
 Oil Well    Gas Well    Other   **Shut-In**

2. Name of Operator  
**Sunfield Energy**

3. Address and Telephone No.  
**P. O. Box 612007, Dallas, TX 75261   (817) 695-4900**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**Sec. 30-39S-23E (SW/SW)  
 660' FSL & 660' FWL**

7. If Unit or CA, Agreement Designation  
**Bluff**

8. Well Name and No.  
**Bluff Unit #10**

9. API Well No.  
**13-037-15328**

10. Field and Pool, or Exploratory Area  
**Desert Creek**

11. County or Parish, State  
**San Juan, Utah**

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

| TYPE OF SUBMISSION  | TYPE OF ACTION  |
|---|---|
| <input checked="" type="checkbox"/> Notice of Intent<br><input type="checkbox"/> Subsequent Report<br><input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Abandonment<br><input type="checkbox"/> Recompletion<br><input type="checkbox"/> Plugging Back<br><input type="checkbox"/> Casing Repair<br><input type="checkbox"/> Altering Casing<br><input checked="" type="checkbox"/> Other <u>TA Status</u>   |
|   | <input type="checkbox"/> Change of Plans<br><input type="checkbox"/> New Construction<br><input type="checkbox"/> Non-Routine Fracturing<br><input type="checkbox"/> Water Shut-Off<br><input type="checkbox"/> Conversion to Injection<br><input type="checkbox"/> Dispose Water<br><small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</small> |

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.)

Sunfield respectfully request a 6 month extension on the TA status of the subject wellbore for the following reason:

- Currently evaluating offer of purchase
- Wellbore previously was permitted for disposal
- New operator may choose to reactivate disposal permit

cc: State of Utah

CONFIDENTIAL

14. I hereby certify that the foregoing is true and correct  
 Signed Rachelle Montgomery Title Production Administrator Date 9/21/94

(This space for Federal or State office use)  
 Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
 Conditions of approval, if any:

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

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.  
**SL 067701**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

**Bluff**

8. Well-Name and No.

**Bluff Unit #10**

9. API Well No.

**45-037-15328**

10. Field and Pool, or Exploratory Area

**Desert Creek**

11. County or Parish, State

**San Juan, UT**

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

**SUNFIELD ENERGY COMPANY**

3. Address and Telephone No.

**P. O. Drawer 612007, Dallas, TX 75261 - 0007 (214) 753-6900**

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

**SW/SW Section 30-39S-23E  
660' FSL & 660' FWL**

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 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.)\*

Sunfield Energy request an additional 6 months of approved SI status. This request is made pursuant to the recompletion of the Bluff #1 well. Pending further results and time for evaluation of the Bluff #1, the Bluff #10 wellbore maybe a candidate for the same type of work. Any proposed work on the Bluff #10 well would take place in the last half of 1995.

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING  
DATE: 2/27/95  
BY: [Signature]

*See rule R649-3-36*

RECEIVED  
FEB 24 1995  
DIV OF OIL, GAS & MINING

CC: State of Utah

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

Signed

*[Signature]*

Title

**Production Administrator**

Date

2/8/95

(This space for Federal or State office use)

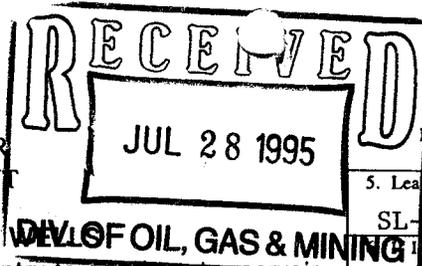
Approved by

Conditions of approval, if any:

Title

Date

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 DEVELOPMENT OF OIL, GAS & MINING**

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.  
SL-067701  
Indian, Allottee or Tribe Name  
N/A

**SUBMIT IN TRIPLICATE**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
SUNFIELD ENERGY COMPANY

3. Address and Telephone No.  
P. O. Box 612007, Dallas, TX 75261 (214) 753-6900

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
SW/SW Section 30-39S-23E  
660' FSL & 660' FWL

7. If Unit or CA, Agreement Designation  
BLUFF

8. Well Name and No.  
BLUFF UNIT #10

9. API Well No.  
43-037-15328

10. Field and Pool, or Exploratory Area  
DESERT CREEK

11. County or Parish, State  
SAN JUAN, UT

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

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

Pursuant to verbal conversation, this date, between a BLM representative and Sunfield field personnel, please be advised Sunfield Energy proposes the following work on the subject wellbore:

Pull existing rods and downhole pump

Swab test

Circ hole clean and attempt to remove all salt build-up

If the wellbore fails to produce any hydrocarbon during the swabbing procedures, Sunfield will SI the wellbore. In addition, Sunfield will investigate the feasibility of alternate uses for the wellbore prior to permanently plugging.

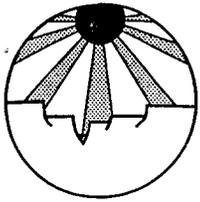
14. I hereby certify that the foregoing is true and correct

Signed [Signature] Title PRODUCTION ADMINISTRATOR Date 7/27/95

(This space for Federal or State/office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any:

*CA St. of Utah*

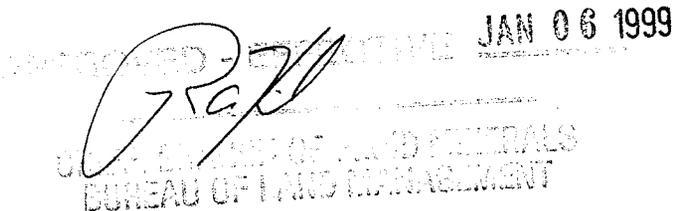


# SUNFIELD ENERGY COMPANY

*A subsidiary of Harken Energy Corporation*

December 28, 1998

Bureau of Land Management  
Utah State Office  
Branch of Fluid Minerals  
324 South State, Suite 310  
Salt Lake City, UT 84111-2303



RE: Bluff Unit - 1997/1998 Plan of Development  
Agreement No. 1 - Section 782  
San Juan County, Utah

Gentlemen:

On March 3, 1998, Sunfield Energy Company submitted its proposed Plan of Development for the Bluff Unit. However, due to the continued decline of oil prices during 1998 the Bluff #10 remains in a Temporarily Abandoned status and has not been permanently abandoned.

Sunfield Energy will permanently abandon the Bluff #10 wellbore located in Section 30-39S-23E, San Juan County, Utah, but wishes to postpone said plugging until such time that product prices rise above current levels. Therefore, Sunfield respectfully request an exception to the original Plan of Development as filed in March of 1998.

Sunfield Energy will address future proposals/plans for the Bluff Unit with the filing of the 1998/1999 Plan of Development.

Very truly yours,

SUNFIELD ENERGY COMPANY

Ms. Rachelle Whiteman  
Production Administrator

CC: Bruce Huff  
Mike Childers  
R. O. Cottle  
Steve Mansur

MacArthur Center II / 5605 N. MacArthur Blvd., Suite 400 / Irving, Texas 75038

P.O. Drawer 612007 / Dallas, Texas 75261

214-753-6900

AMM



STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number:  
SL 067701

**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:  
Bluff Unit #10

2. Name of Operator:  
Sunfield Energy Company

9. API Well Number:  
43-037-15328

3. Address and Telephone Number:  
16285 Park Ten Place, Suite 600, Houston, Texas 77084

10. Field and Pool, or Wildcat:  
Desert Creek

4. Location of Well  
Footages: 660' FSL & 660' FWL  
QQ, Sec., T., R., M.: Section 30-39S-23E

County: San Juan  
State: Utah

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

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

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

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

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

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

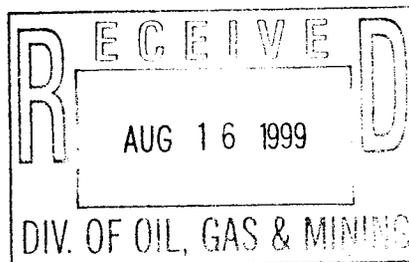
Date of work completion \_\_\_\_\_

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

\* Must be accompanied by a cement verification report.

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.)

Change of operator from Sunfield Energy Company to Basin Exploration, Inc. with effective date of transfer of operations being August 16, 1999.



13. Name & Signature: Carolyn Bryant Carolyn Bryant Title: Regulatory Coordinator Date: 8-13-99

(This space for State use only)

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 a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil Well     Gas Well     Other

2. Name of Operator

**Basin Exploration Incorporated**

3. Address and Telephone No.

**370 17th St., Suite 3400 - Denver, Colorado 80202**

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

**660' FSL & 660' FWL  
Section 30-T39S-R23E**

5. Lease Designation and Serial No.

**SL 067701**

6. If Indian, Allottee or Tribe Name

**N/A**

7. If Unit or CA, Agreement Designation

**Bluff**

8. Well Name and No.

**Bluff Unit #10**

9. API Well No.

**4303715328**

10. Field and Pool, or Exploratory Area

**Desert Creek**

11. County or Parish, State

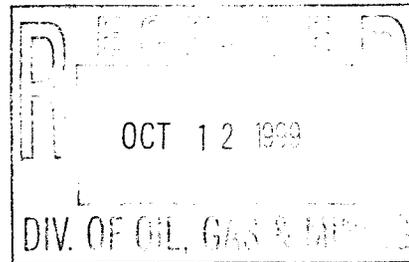
**San Juan Co., Utah**

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

| TYPE OF SUBMISSION  | TYPE OF ACTION  |
|---|---|
| <input type="checkbox"/> Notice of Intent<br><input checked="" type="checkbox"/> Subsequent Report<br><input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Abandonment<br><input type="checkbox"/> Recompletion<br><input type="checkbox"/> Plugging Back<br><input type="checkbox"/> Casing Repair<br><input type="checkbox"/> Altering Casing<br><input checked="" type="checkbox"/> Other <u>Change of Operator</u><br><input type="checkbox"/> Change of Plans<br><input type="checkbox"/> New Construction<br><input type="checkbox"/> Non-Routine Fracturing<br><input type="checkbox"/> Water Shut-Off<br><input type="checkbox"/> Conversion to Injection<br><input type="checkbox"/> Dispose Water<br><small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</small> |

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.)\*

**Please be advised that effective August 16, 1999 Basin Exploration, Inc. assumed operatorship of the referenced well. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Basin Exploration, Incorporated under their Nationwide bond, BLM Bond Number WY3181. They will be responsible for compliance under the lease terms and conditions for that portion of the lease associated with this notice.**



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

Signed Terry L. Hoffman Title Engineering Technician Date 10/7/99

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any:

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

**\*See Instruction on Reverse Side**

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 a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

RECEIVED  
BLM

99 OCT 10 AM 5:10

5. Lease Designation and Serial No.  
**SL 067701**

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

7. If Unit or CA, Agreement Designation  
~~Bluff~~ **not a unit well**

8. Well Name and No.  
**Bluff Unit #10**

9. API Well No.  
**4303715328**

10. Field and Pool, or Exploratory Area  
**Desert Creek**

11. County or Parish, State  
**San Juan Co., Utah**

**SUBMIT IN TRIPLICATE**

070 FARMINGTON, NM

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

**Basin Exploration Incorporated**

3. Address and Telephone No.

**370 17th St., Suite 3400 - Denver, Colorado 80202**

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

**660' FSL & 660' FWL  
Section 30-T39S-R23E**

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

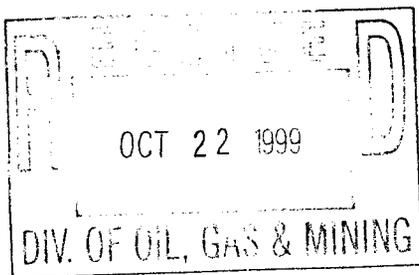
Abandonment  
 Recompletion  
 Plugging Back  
 Casing Repair  
 Altering Casing  
 Other **Change of Operator**

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.)\*

Please be advised that effective August 16, 1999 Basin Exploration, Inc. assumed operatorship of the referenced well. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Basin Exploration, Incorporated under their Nationwide bond, BLM Bond Number WY3181. They will be responsible for compliance under the lease terms and conditions for that portion of the lease associated with this notice.



RECEIVED  
NOAB FIELD OFFICE  
1999 OCT 18 P 2:  
DEPT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

CONDITIONS OF APPROVAL ATTACHED

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

Signed Jerry L. Hoffman

Title Engineering Technician

Date 10/7/99

(This space for Federal or State office use)

Approved by William

Title Assistant Field Manager,  
Division of Resources

Date 10/19/99

Conditions of approval, if any:

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

cc: DOGM 10/19/99

\*See Instruction on Reverse Side

Basin Exploration Incorporated  
Well No. 10  
SWSW Sec. 30, T. 39 S., R. 23 E.  
Lease SL067701  
San Juan County, Utah

CONDITIONS OF APPROVAL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be advised that Basin Exploration Incorporated is considered to be the operator of the above well and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond coverage for this well is provided by WY3181 (Principal - Basin Exploration Incorporated) via surety consent as provided for in 43 CFR 3104.2.

This office will hold the aforementioned operator and bond liable until the provisions of 43 CFR 3106.7-2 continuing responsibility are met.

# OPERATOR CHANGE WORKSHEET

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

|   |  |
|---|--|
| 1-KDR <input checked="" type="checkbox"/> | 6-KAS <input checked="" type="checkbox"/>  |
| 2-GLH <input checked="" type="checkbox"/> | 7-SJ <input checked="" type="checkbox"/>   |
| 3-JRB <input checked="" type="checkbox"/> | 8-FILE <input checked="" type="checkbox"/> |
| 4-CDW <input checked="" type="checkbox"/> |  |
| 5-KDR <input checked="" type="checkbox"/> |  |

- 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: 8-16-99

|                           |                                  |                             |                                |
|---------------------------|----------------------------------|-----------------------------|--------------------------------|
| <b>TO:</b> (new operator) | <u>BASIN EXPLORATION INC.</u>    | <b>FROM:</b> (old operator) | <u>SUNFIELD ENERGY COMPANY</u> |
| (address)                 | <u>370 17TH STREET STE. 1800</u> | (address)                   | <u>16285 PARK TEN PL #600</u>  |
|                           | <u>DENVER, CO 80202</u>          |                             | <u>HOUSTON, TX 77084</u>       |
|                           |                                  |                             | <u>CAROLYN BRYANT</u>          |
| Phone:                    | <u>(303) 685-8000</u>            | Phone:                      | <u>(281) 717-1305</u>          |
| Account no.               | <u>N5070</u>                     | Account no.                 | <u>N1760</u>                   |

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

|                                  |                          |                      |             |              |              |                         |
|----------------------------------|--------------------------|----------------------|-------------|--------------|--------------|-------------------------|
| Name: <u>BLUFF U #9 (SOW)</u>    | API: <u>43-037-15327</u> | Entity: <u>00625</u> | S <u>30</u> | T <u>39S</u> | R <u>23E</u> | Lease: <u>SL-067701</u> |
| Name: <u>BLUFF U ST #1 (SOW)</u> | API: <u>43-037-20236</u> | Entity: <u>00625</u> | S <u>32</u> | T <u>39S</u> | R <u>23E</u> | Lease: <u>ML-2008</u>   |
| Name: <u>BLUFF U #14 (POW)</u>   | API: <u>43-037-30533</u> | Entity: <u>00625</u> | S <u>30</u> | T <u>39S</u> | R <u>23E</u> | Lease: <u>SL-067701</u> |
| Name: <u>BLUFF 10 (SOW)</u>      | API: <u>43-037-15328</u> | Entity: <u>00627</u> | S <u>30</u> | T <u>39S</u> | R <u>23E</u> | Lease: <u>SL-067701</u> |
| Name: <u>BLUFF STATE 2 (SOW)</u> | API: <u>43-037-16538</u> | Entity: <u>00629</u> | S <u>32</u> | T <u>39S</u> | R <u>23E</u> | Lease: <u>ML-2008</u>   |
| Name: <u>BLUFF 16 (POW)</u>      | API: <u>43-037-30989</u> | Entity: <u>00632</u> | S <u>29</u> | T <u>39S</u> | R <u>23E</u> | Lease: <u>SL-067701</u> |
| Name: _____                      | API: _____               | Entity: _____        | S _____     | T _____      | R _____      | Lease: _____            |

## OPERATOR CHANGE DOCUMENTATION

- KDR 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). *(Rec'd 8.16.99)*
- KDR 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). *(Rec'd 10.12.99)*
- 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: \_\_\_\_\_
- KDR 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. *(Rec'd 9.16.99)*
- KDR 5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. *(12.10.99)*
- KDR 6. **Cardex** file has been updated for each well listed above.
- N/A 7. Well **file labels** have been updated for each well listed above. *\*new filing system*
- KDR 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. *(12.10.99)*
- KDR 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**

- KDP 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.
- KDP 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

**BOND VERIFICATION - (FEE WELLS ONLY)**

- N/A 1. (r649-3-1) 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 operator's bond files.
- + 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**

- KDP 1. Copies of documents have been sent on email sent 10-27-99 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.
- N/A 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated \_\_\_\_\_ 19 \_\_\_\_, of their responsibility to notify all interest owners of this change.

**FILMING**

- ✓ 1. All attachments to this form have been microfilmed. Today's date: APR. 13 2000.

**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**

991004 called Basin Expl. regarding Sundries from them. (left message)  
991008 rec'd fax from Terry Hoffman including Sundries fr. Basin Exploration.  
991008 Sent e-mail to Ed Bonner to check for bonding.

State of Delaware  
Office of the Secretary of State

PAGE 1

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF CONVERSION OF "BASIN EXPLORATION, INC.", CHANGING ITS NAME FROM "BASIN EXPLORATION, INC." TO "STONE ENERGY, L.L.C.", FILED IN THIS OFFICE ON THE FIRST DAY OF FEBRUARY, A.D. 2001, AT 3:30 O'CLOCK P.M.



*Harriet Smith Windsor*  
Harriet Smith Windsor, Secretary of State

2289801 8100

AUTHENTICATION: 0958659

010060875

DATE: 02-06-01

CERTIFICATE OF CONVERSION  
OF  
BASIN EXPLORATION, INC.  
INTO  
STONE ENERGY, L.L.C.

February 1, 2001

UNDER SECTION 266 OF THE GENERAL CORPORATION LAW  
OF THE STATE OF DELAWARE AND SECTION 18-214 OF THE  
DELAWARE LIMITED LIABILITY COMPANY ACT

Basin Exploration, Inc., a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware (the "Company"), DOES HEREBY CERTIFY THAT:

1. *Name of Corporation to be Converted.* The name of the Company immediately prior to conversion is Basin Exploration, Inc. and the name under which the Company was originally incorporated was Basin Exploration, Inc.

2. *Original Date and Jurisdiction of Incorporation.* The original certificate of incorporation of the Company was filed on March 2, 1992 with the Secretary of the State of Delaware.

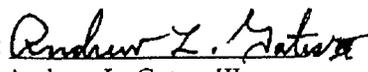
3. *Name of Limited Liability Company.* The name of the limited liability company into which the Company will be converted is Stone Energy, L.L.C.

4. *Approval of Conversion.* This conversion has been approved in accordance with the provisions of Section 266 of the General Corporation Law of Delaware and Section 18-214 of the Delaware Limited Liability Company Act.

5. *Effective Time.* The effective time of the conversion of the Company to a limited liability company contemplated hereby shall be February 1, 2001.

IN WITNESS WHEREOF, the undersigned has executed this Certificate of Conversion as of the date first written above.

BASIN EXPLORATION, INC.

By:   
Andrew L. Gates, III  
Attorney In Fact

**CERTIFICATE OF FORMATION  
OF  
STONE ENERGY, L.L.C.**

This Certificate of Formation, dated February 1, 2001, has been duly executed and is filed pursuant to Section 18-201 of the Delaware Limited Liability Company Act (the "Act") to form a limited liability company (the "Company") under the Act.

1. **Name.** The name of the Company is "Stone Energy, L.L.C."
2. **Registered Office; Registered Agent.** The address of the registered office required to be maintained by Section 18-104 of the Act is:

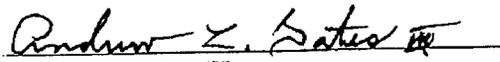
1209 Orange Street  
Wilmington, Delaware 19801

The name and address of the registered agent for service of process required to be maintained by Section 18-104 of the Act are:

The Corporation Trust Company  
1209 Orange Street  
Wilmington, Delaware 19801

3. **Effective Time.** The effective time of the formation of the Company contemplated hereby is February 1, 2001.

**EXECUTED** as of the date first written above.

  
Andrew L. Gates, III  
Authorized Person

State of Delaware  
Office of the Secretary of State

PAGE 2

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE DO HEREBY CERTIFY THAT THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF FORMATION OF "STONE ENERGY, L.L.C." FILED IN THIS OFFICE ON THE FIRST DAY OF FEBRUARY, A.D. 2001, AT 3:30 O'CLOCK P.M.



*Harriet Smith Windsor*  
Harriet Smith Windsor, Secretary of State

2289801 8100V

AUTHENTICATION: 0950237

010053850

DATE: 02-01-01

CERTIFICATE OF FORMATION  
OF  
STONE ENERGY, L.L.C.

This Certificate of Formation, dated February 1, 2001, has been duly executed and is filed pursuant to Section 18-201 of the Delaware Limited Liability Company Act (the "Act") to form a limited liability company (the "Company") under the Act.

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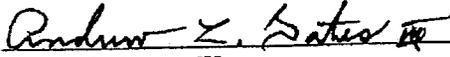
1209 Orange Street  
Wilmington, Delaware 19801

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The Corporation Trust Company  
1209 Orange Street  
Wilmington, Delaware 19801

3. **Effective Time.** The effective time of the formation of the Company contemplated hereby is February 1, 2001.

EXECUTED as of the date first written above.

  
Andrew L. Gates, III  
Authorized Person

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

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

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

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

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

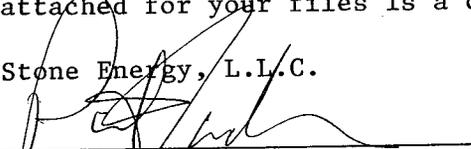
**12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.**

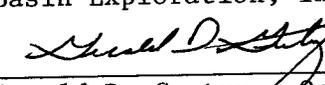
Effective 2/1/01 Basin Exploration, Incorporated merged with Stone Energy. The new name is as follows:

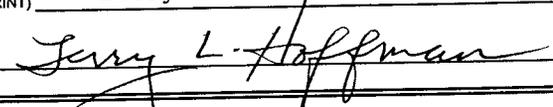
Stone Energy, L.L.C.  
1670 Broadway, Suite 2800  
Denver, CO 80202

Blanket Bond #RLB0002054

Attached is the list of wells that will be effected in the State of Utah. Also attached for your files is a copy of the merger documentation.

Stone Energy, L.L.C.  
  
Pat Jackson - Denver District  
Manager

Basin Exploration, Inc.  
  
Gerald D. Gentry Operations Manager

|   |                                     |
|---|-------------------------------------|
| NAME (PLEASE PRINT) <u>Terry L. Hoffman</u>   | TITLE <u>Engineering Technician</u> |
| SIGNATURE  | DATE <u>2/1/01</u>                  |

(This space for State use only)

**RECEIVED**  
  
MAR 05 2001  
  
DIVISION OF  
OIL, GAS AND MINING

| Lease #              | Well Name & Number         | API Number            | Field              | Legal Location                | County              |
|----------------------|----------------------------|-----------------------|--------------------|-------------------------------|---------------------|
| <del>UTU 75140</del> | <del>Bierotat #21-13</del> | <del>4303731703</del> | <del>Wildcat</del> | <del>NE NW 10-T40S-R22E</del> | <del>San Juan</del> |
| SL 067701            | Bluff #10                  | 4303715328            | Desert Creek       | SW SW 30-T39S-R23E            | San Juan            |
| SL 071403A           | Bluff #13-4                | 4303730726            | Bluff              | NW SE 4-T40S-R23E             | San Juan            |
| SL 067701            | Bluff #16                  | 4303730989            | Desert Creek       | SW SE 29-T39S-R23E            | San Juan            |
| ML 2008              | Bluff #2                   | 4303716538            | Desert Creek       | SE NW 32-T39S-R23E            | San Juan            |
| SL 071403A           | Bluff #42-5                | 4303730866            | Desert Creek       | SE NE 5-T40S-R23E             | San Juan            |
| SL 071403A           | Bluff #44-5                | 4303715867            | Bluff              | SE SE 5-T40S-R23E             | San Juan            |
| 892000782A           | Bluff #9                   | 4303715327            | Desert Creek       | NE SE 30-T-39S-T23E           | San Juan            |
| 892000782A           | Bluff State #1             | 4303720236            | Desert Creek       | NW NW 32-T39S-R23E            | San Juan            |
| SL 067701            | Bluff Unit #14             | 4303730533            | Desert Creek       | NE SE 30-T-39S-T23E           | San Juan            |
| 1420603248           | Desert Creek #11-35        | 4303731806            | Wildcat            | NW NE 35-T41S-R23E            | San Juan            |
| 1420603248           | Desert Creek #2            | 4303715868            | Desert Creek       | SE SE 35-T41S-R23E            | San Juan            |
| 1420603270           | Navajo Tribal #23-1        | 4303710535            | Tohonadla          | NE NE 2-T42S-21E              | San Juan            |
| U-01890              | Recapture Creek #1         | 4303715871            | Recapture Creek    | SE SE 21-T40S-R23E            | San Juan            |
| U-01890              | Recapture Creek #2         | 4303730727            | Recapture Creek    | NW SW 21-T40S-R23E            | San Juan            |
| U-01890              | Recapture Creek #3         | 4303730926            | Recapture Creek    | NW SE 21-T40S-R23E            | San Juan            |
| 1420603229           | Tohonadla #1               | 4303715872            | Tohonadla          | SW SE 35-T41S-R21E            | San Juan            |
| 1420603229           | Tohonadla #23-35           | 4303715874            | Tohonadla          | NE SW 35-T41S-R21E            | San Juan            |
| 1420603229           | Tohonadla #2-35            | 4303731568            | Tohonadla          | N2 S2 35-T41S-R21E            | San Juan            |



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

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

In Reply Refer To:  
3100  
SL-067701 et al  
(UT-932)

MAR 23 2001

### NOTICE

Stone Energy, L.L.C. : Oil and Gas Leases  
1670 Broadway, #2800 :  
Denver, CO 80202 :

#### Name Change Recognized

Acceptable evidence has been received in this office concerning the change of name of Basin Exploration, Inc. to Stone Energy, L.L.C. on Federal oil and gas leases.

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

Due to the name change, the name of the principal on oil and gas bond WY3181 is required to be changed from Basin Exploration, Inc. to Stone Energy, L.L.C. You may accomplish this change either by consent of the surety on the original bond or by a rider to the original bond. The rider should be submitted to the Wyoming State Office.

**ROBERT LOPEZ**

Robert Lopez  
Chief, Branch of  
Minerals Adjudication

Enclosure  
Exhibit of Leases

**RECEIVED**

MAR 27 2001

**DIVISION OF  
OIL, GAS AND MINING**

cc: MMS-Reference Desk Branch, MS 3130, Box 5860, Denver, CO 80217  
State of Utah, DOGM, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC, UT 84114-5801  
Teresa Thompson (UT-931)  
Rhonda Flynn/Angela Williams (UT-942)  
Vernal Field Office  
Moab Field Office  
Price Field Office  
San Juan Field Office

EXHIBIT A  
LEASES AFFECTED BY NAME CHANGE

|           |                       |                            |
|-----------|-----------------------|----------------------------|
| SL-067701 | SL-067710A            | SL-071403A                 |
| U-01058   | U-01890               | U-056794                   |
| U-23147   | U-37841               | UTU-72671                  |
| UTU-73064 | UTU-73734             | UTU-74461                  |
| UTU-75000 | UTU-75013             | UTU-75140                  |
| UTU-75501 | UTU-76062             | UTU-76303                  |
| UTU-76304 | UTU-76728             | UTU-76865                  |
| UTU-76957 | UTU-77288             | UTU-77289                  |
| UTU-77299 | UTU-77528             | UTU-77529                  |
| UTU-77536 | UTU-78027             | UTU-78226                  |
| UTU-78227 | UTU-78230             | UTU-78441                  |
| UTU-78522 | UTU-78730             | UTU-79006                  |
| UTU-79007 | UTU-79008             | UTU-79009                  |
| UTU-79131 | UTU-79182             | UTU-79183                  |
| UTU-79148 | U-63011X (Bluff Unit) | U-63020X (Recapture Creek) |

**OPERATOR CHANGE WORKSHEET**

**ROUTING**

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

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

**X Operator Name Change (Only)**

Merger

The operator of the well(s) listed below has changed, effective: **2/1/2001**

|                                  |
|----------------------------------|
| <b>FROM: (Old Operator):</b>     |
| BASIN EXPLORATION INC            |
| Address: 1670 BROADWAY, STE 2800 |
|                                  |
| DENVER, CO 80202                 |
| Phone: 1-(303)-685-8000          |
|                                  |
| Account No. N5070                |

|                                  |
|----------------------------------|
| <b>TO: ( New Operator):</b>      |
| STONE ENERGY LLC                 |
| Address: 1670 BROADWAY, STE 2800 |
|                                  |
| DENVER, CO 80202                 |
| Phone: 1-(303)-685-8000          |
|                                  |
| Account No. N1555                |

**CA No.**

**Unit:**

**WELL(S)**

| NAME                    | API NO.      | ENTITY NO. | SEC. TWN RNG | LEASE TYPE | WELL TYPE | WELL STATUS |
|-------------------------|--------------|------------|--------------|------------|-----------|-------------|
| BLUFF 16                | 43-037-30989 | 632        | 29-39S-23E   | FEDERAL    | OW        | P           |
| BLUFF 10                | 43-037-15328 | 627        | 30-39S-23E   | FEDERAL    | OW        | TA          |
| BLUFF 2                 | 43-037-16538 | 629        | 32-39S-23E   | STATE      | OW        | S           |
| TORREYS FEDERAL 43-12   | 43-037-31807 | 99999      | 12-40S-22E   | FEDERAL    | OW        | APD         |
| BIERSTADT FEDERAL 11-13 | 43-037-31793 | 99999      | 13-40S-22E   | FEDERAL    | OW        | APD         |
| RECAPTURE CREEK 2       | 43-037-30727 | 6255       | 21-40S-23E   | FEDERAL    | OW        | P           |
| RECAPTURE CREEK 3       | 43-037-30926 | 8450       | 21-40S-23E   | FEDERAL    | OW        | S           |
|                         |              |            |              |            |           |             |

**OPERATOR CHANGES DOCUMENTATION**

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 03/05/2001
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 03/05/2001
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 03/28/2001
4. Is the new operator registered in the State of Utah: YES Business Number: 4874937-0161
5. If **NO**, the operator was contacted on: N/A
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: 03/23/2001
7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: 03/23/2001

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") Prog:** 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

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**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 03/29/2001
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 03/29/2001
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

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**STATE BOND VERIFICATION:**

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

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**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 No: N/A
2. The **FORMER** operator has requested a release of liability from their bond on: N/A  
The Division sent response by letter on: N/A
3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

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**FILMING:**

1. All attachments to this form have been **MICROFILMED** on: APR 25 2001

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**FILING:**

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

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**COMMENTS:**

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires: July 31, 1996

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.  
**UT SL-067701**

6. If Indian, Allottee, or Tribe Name  
**NA**

7. If Unit or CA. Agreement Designation  
**NA**

8. Well Name and No.  
**Bluff #10**

9. API Well No.  
**43-037-15328**

10. Field and Pool, or Exploratory Area  
**Bluff**

11. County or Parish, State  
**San Juan County, UT**

*SUBMIT IN TRIPLICATE- Other Instructions on the reverse side*

1. Type of Well  
 Oil Well     Gas Well     Other

2. Name of Operator  
**Stone Energy, L.L.C.**

3a. Address  
**1670 Broadway, Suite 2800 - Denver, CO 80202**

3b. Phone No. (include area code)  
**660' FSL & 660' FWL - SW SW  
Section 30-T39S-R23E**

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

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

| TYPE OF SUBMISSION                                    | TYPE OF ACTION                                |  |  |   |
|---|---|--|--|---|
| <input type="checkbox"/> Notice of Intent             | <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen                      | <input type="checkbox"/> Production ( Start/ Resume) | <input type="checkbox"/> Water Shut-off |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Altering Casing      | <input type="checkbox"/> Fracture Treat              | <input type="checkbox"/> Reclamation                 | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment Notice     | <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction            | <input type="checkbox"/> Recomplete                  | <input type="checkbox"/> Other          |
|   | <input type="checkbox"/> Change Plans         | <input checked="" type="checkbox"/> Plug and abandon | <input type="checkbox"/> Temporarily Abandon         |   |
|   | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug back                   | <input type="checkbox"/> Water Disposal              |   |

13. Describe Proposed or Completed Operation (clearly state all pertinent details including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths or pertinent markers and sands. Attach the Bond under which the work will be performed or provide the Bond No. on file with the BLM/ BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomplate in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notice shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The above mentioned well was P&A'd 3/27/01. Plugging procedure as follows:  
 MIRU Halliburton mixed 15.7 bbls Class "G" cement (75 sxs) @ 15.6# displaced w/31.5 BW. Pumped mud 18.3 bbls displaced w/22 BW. TOOH. RU perforators shot perfs 3 spf @ 4602', 1634', 350' & 50'. TIH w/175 jts to 5374' mixed 18.3 bbls cement displaced w/23 BW. LD 25 jts. Mixed & pumped 7.3 bbls cement from 4602-4469' displaced w/20 BW. Reversed out tbg - 26 bbls. Pumped mud 67.5 bbls from 4469-1634', set CIRC @ 1575' estimated rate 2.0 bpm. Mixed & pumped 7.3 bbls cement from 1634-1524' displaced w/9 BW. Pumped mud 28 bbls, displaced w/2 BW. TOOH. Mixed & pumped 3 bbls cement from 248-50' displaced w/1.5 bbls mud. LD 11 jts. Removed BOP RIH w/2 jts, mixed & pumped 4.2 bbls cement. Did not get cement to surface. Mixed 4.6 bbls cement - did not get cement to surface. SDFN. Mixed 1 sx gel & pumped down csg. Mixed 17 sxs Class "G" cement, set plug @ surface. Cut off wellhead & installed dry hole marker. Reclamation to follow.

**RECEIVED**  
APR 16 2001

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

Name (Printed/ Typed) **Terry L. Hoffman** Title **Engineering Technician**

Signature *Terry L. Hoffman* Date **4/11/01**

**DIVISION OF OIL, GAS AND MINING**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Office \_\_\_\_\_

Conditions of approval, if any are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

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