

**FILE NOTATIONS**

Entered in NID File ..... ✓  
Location Map Pinned ..... ✓  
Card Indexed ..... ✓

Checked by Chief .....  
Approval Letter .....  
Disapproval Letter .....  
*Perk.*  
*10.8.14*

**COMPLETION DATA:**

Date Well Completed *12-11-74*  
NW..... WW..... ✓ TA.....  
GW..... OS..... PA.....

Location Inspected .....  
Bond released  
State or Fee Land .....

**LOGS FILED**

Driller's Log..... ✓  
Electric Logs (No.) .....  
..... Dist. 1 Int..... GR-N..... Micro.....  
Sonic GR..... Sonic.....  
CBLog..... CCLog..... Others.....

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

5. Lease Designation and Serial No.

**APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK**

6. If Indian, Allottee or Tribe Name

1a. Type of Work

DRILL

DEEPEN

PLUG BACK

7. Unit Agreement Name

b. Type of Well

Oil Well

Gas Well

Other **SWD**

Single Zone

Multiple Zone

8. Farm or Lease Name

2. Name of Operator

**Bluebell Field Waste Water Sys**

**Gulf Oil Corporation**

9. Well No.

**SWD 2-28A2**

3. Address of Operator

10. Field and Pool, or Wildcat

**P. O. Box 2619; Casper, Wyoming 82601**

**Bluebell**

4. Location of Well (Report location clearly and in accordance with any State requirements.)\*

11. Sec., T., R., M., or Blk. and Survey or Area

At surface

**2496' NSL & 1549' WEL (NW SE)**

At proposed prod. zone

**same**

**28-1S-2W**

14. Distance in miles and direction from nearest town or post office\*

12. County or Parrish 13. State

**\*See reverse side**

**Duchesne**

**Utah**

15. Distance from proposed\* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any)

**2496' FSL & 1549' FEL of Section 28**

16. No. of acres in lease **160**

17. No. of acres assigned to this well

18. Distance from proposed location\* to nearest well, drilling, completed, or applied for, on this lease, ft.

**46' N. & 101' E. of nearest well**

19. Proposed depth **3500'**

20. Rotary or cable tools **Rotary**

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

**5718' GL**

22. Approx. date work will start\*

**Upon Approval**

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
20"	13-3/8"	48#	30'	Cmt to surface
12-1/4"	9-5/8"	36# K-55	500'	Cmt to surface
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**Propose to drill 3500' well for produced water disposal into the Duchesne River formation.**

**BOP - Hydraulically actuated double gate from 500' to TD. 10" Series 900 equipment.**

**Mud - Fresh water, low solids, non-dispersed from surface to TD.**

**12-pt development plan will follow.**

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 **J. A. LAYTON**  
**J. A. Layton**

Title **Area Drilling Superintendent** Date **September 27, 1974**

(This space for Federal or State office use)

Permit No. .... Approval Date .....

Approved by..... Title..... Date.....

Conditions of approval, if any:

### Instructions

**General:** This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

**Item 1:** If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

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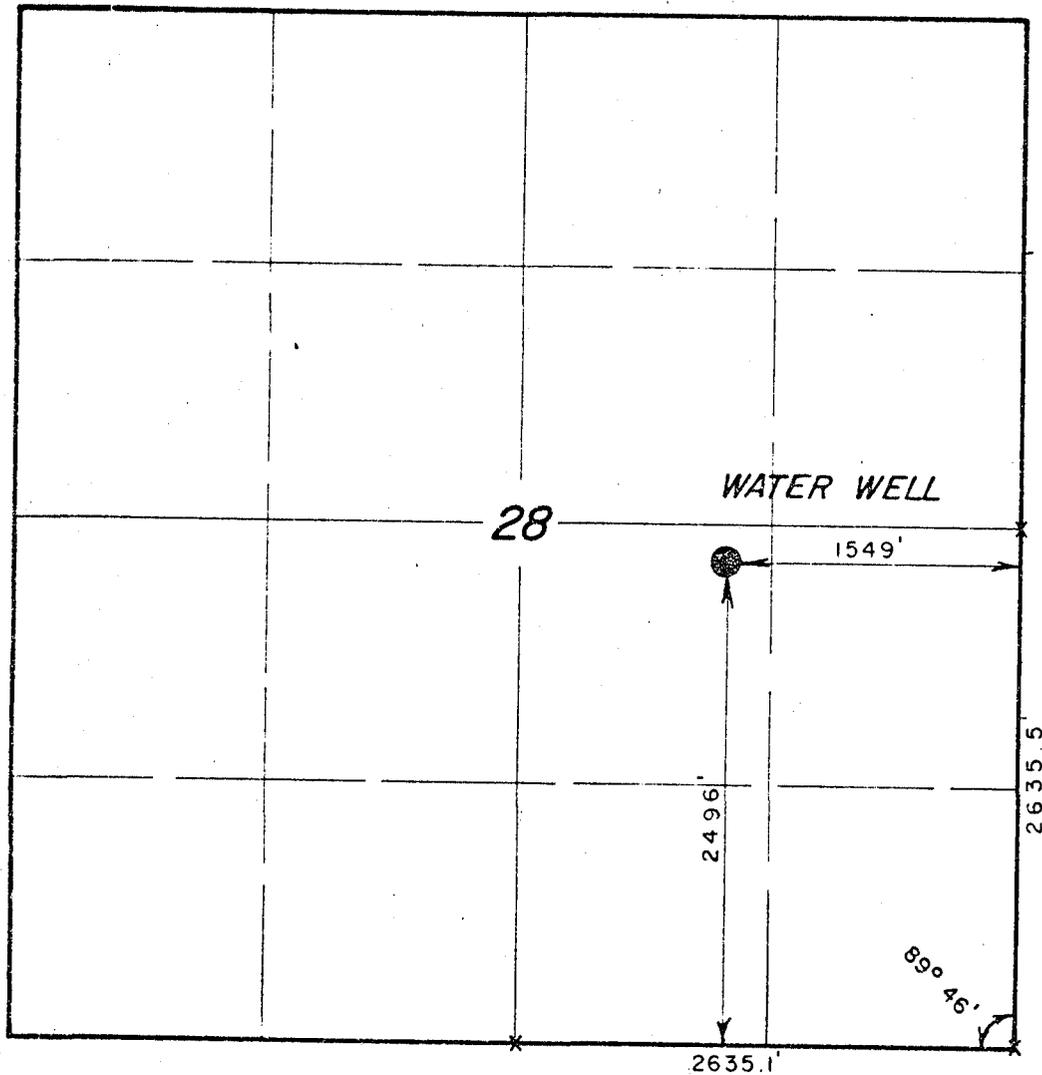
**\* Item 14 - From Neola, Utah 5 mi S on Hy 121, 3 mi W, 2 mi N, 1 mi W, 1/2 mi S, then W to location.**

**cc: (3) Utah Oil & Gas Commission; 1588 W. North Temple; Salt Lake City, UT 84116; Attn: Mr. Cleon Feight  
Gulf Oil Corp.; Box 2100; 18th Floor; Houston, TX 77001; Attn: Mr. W. F. Pinkerton**

T1S, R2W, U.S.B. & M.

PROJECT  
GULF OIL CORPORATION

Well location, located as shown in the  
 NW 1/4 SE 1/4 Section 28, T1S, R2W,  
 U.S.B. & M. Duchesne County, Utah.



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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.

*Robert J. ...*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO 2454  
 STATE OF UTAH

UTAH ENGINEERING & LAND SURVEYING P. O. BOX Q - 110 EAST - FIRST SOUTH VERNAL, UTAH - 84078	
SCALE 1" = 1000'	DATE AUG. 9, 1974
PARTY M.S. R.R.	REFERENCES GLO PLAT
WEATHER HOT	FILE GULF OIL RP.

X = Section Corners Located

GULF OIL CORPORATION  
12 Point Surface Use Plan  
for  
Owen Anderson Water Disposal Well  
in  
Sec. 28, T1S, R2W, U.S.B. & M.  
Duchesne County  
Utah

1. EXISTING ROAD

To reach Gulf Oil Corporation well location in Section 28, T1S, R2W, U.S.B. & M., proceed West on paved county road 1.25 miles; exit to the North on paved county road and proceed 1.0 miles; exit to the West on paved county road and proceed 2.0 miles; exit to the South and proceed 0.55 miles; exit to the West and proceed 0.3 miles on existing graded road to Said location.

2. PLANNED ACCESS ROADS

As shown on the attached topographic map, the existing access road leaves the location on the East side and proceeds easterly for 0.3 miles, to intersection with county road. No other access routes are planned.

3. LOCATION OF EXISTING WELLS

Gulf has an existing producing well 110' SW of proposed well location.  
*Owen Anderson 1-28-A-2 (Fee)*

4. LATERAL ROADS TO WELL LOCATIONS

Roads to well locations in the existing area are shown on the attached topographic map. *No new roads*

5. LOCATION OF TANK BATTERIES AND FLOWLINES

There will be no tank batterys or flowlines. *Disposal well*

6. LOCATION AND TYPE OF WATER SUPPLY

Water used to drill this well will be the produced water from the existing well.

7. METHODS FOR HANDLING WASTE DISPOSAL

All waste will be hauled from the well site.

8. LOCATION OF CAMPS

There will be no camps.

9. LOCATION OF AIRSTRIPS

There will be no airstrips.

10. LOCATION LAYOUT

See attached location layout sheet.

## 11. PLANS FOR RESTORATION OF SURFACE

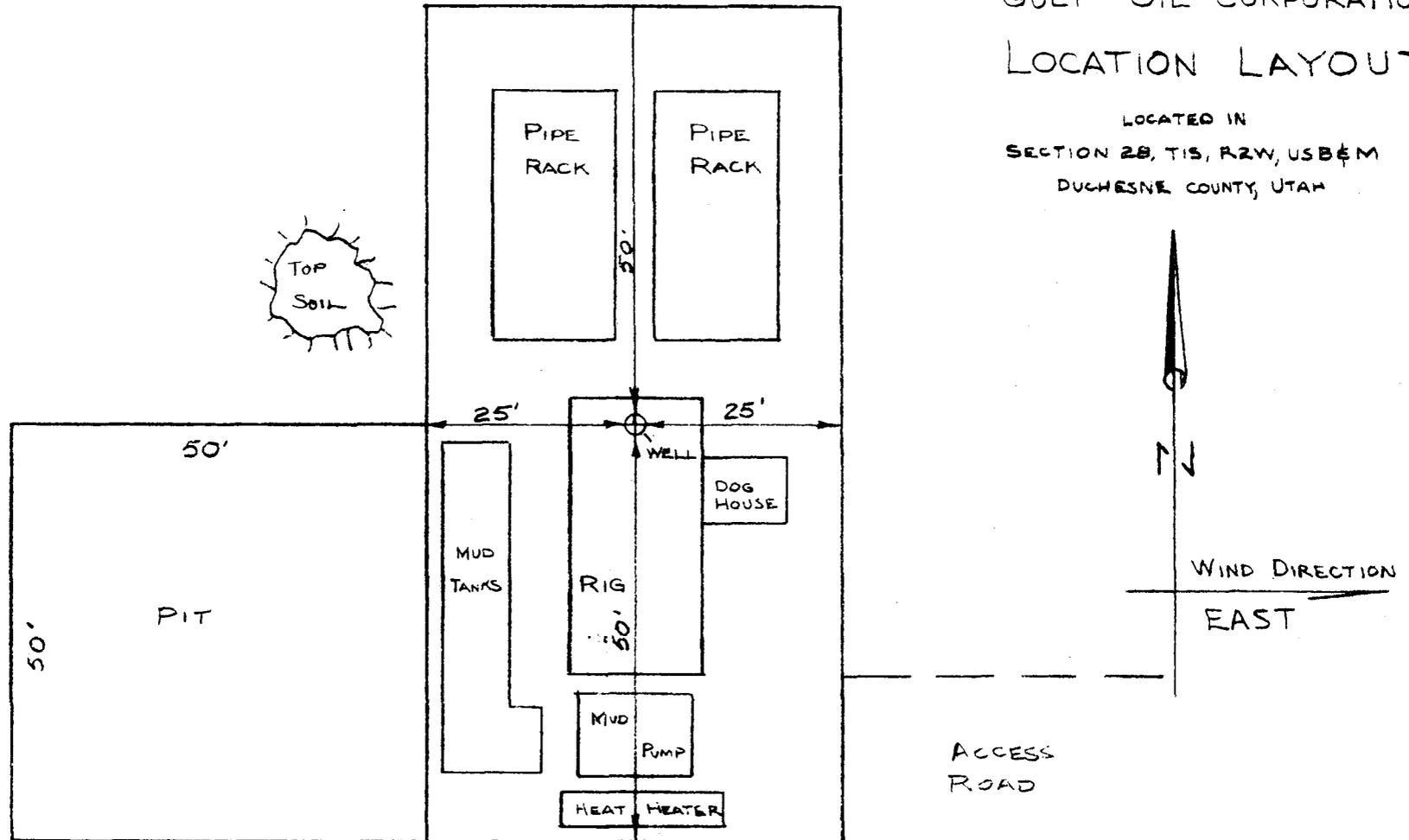
Top soil will be stock piled on the North west side of the location. On completion, pits will be filled, the surrounding area releveled, and reseeded with crested wheat grass at the rate of 6 pounds per acre.

## 12. TOPOGRAPHY

The area surrounding the well location consists of generally small rolling hills vegetated with juniper, grass, and sagebrush, with some gullies and washes. A pond is located 200' to the North.

# GULF OIL CORPORATION LOCATION LAYOUT

LOCATED IN  
SECTION 28, T1S, R2W, USB&M  
DUCHESENE COUNTY, UTAH



NOTE: WELL IS TO BE 3000' DEEP

DATE 9/30/74  
SCALE = 1" = 20'

# Gulf Oil Company - U.S.

PRODUCTION DEPARTMENT  
CASPER AREA

Oscar E. Stoner  
AREA PRODUCTION MANAGER

September 27, 1974

P. O. Box 2619  
Casper, Wyo. 82601

Division of Oil and Gas Conservation  
State of Utah  
1588 West North Temple  
Salt Lake City, UT 84116

Attn: Cleon B. Feight, Director

Re: Disposal Well, Bluebell Field, Duchesne County, Utah

Dear Sir:

Attached is the Gulf Oil Co. - U.S. application to The Board of Oil and Gas Conservation of the State of Utah for permission to drill and complete a waste water disposal well and to dispose of waste water in said well.

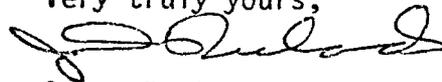
Gulf Oil Co. - U.S. requests administrative approval for this application so that work may proceed without delay in order to complete the well before winter.

Also attached is a completed "Application for Permit to Drill, ---", State Form OGC-1a, for this proposed disposal well. Gulf Oil Co. - U.S. does not wish to appear presumptuous but desires to further expedite the approval process by submitting both applications together.

Gulf Oil Co. - U.S. respectfully requests your approval of these applications.

Your assistance is greatly appreciated.

Very truly yours,



for Oscar E. Stoner

FSG/mas

Attachments



The Board of Oil and Gas Conservation  
Department of Natural Resources  
State of Utah

Gentlemen:

Gulf Oil Co. - U.S., an oil and gas operator in the Bluebell Field, Duchesne County, Utah, desires to drill and complete a waste water disposal well in the Bluebell Field, Duchesne County, Utah. In support of this application, Gulf Oil Co. - U.S. submits the following information in conformance with Rule C-11, Drilling and Development, Oil and Gas Conservation Commission.

1. There are many producing oil and gas wells in the Bluebell Field and surrounding area which are producing in association with oil and gas, salt water, brackish water or other water unfit for domestic, livestock, irrigation or other general uses. Applicant is now using surface pits to dispose of such produced water, but the anticipated volumes of such produced water may exceed the amount that can be effectively disposed of by evaporation.

2. In order to avoid surface damages and possible pollution of potable surface waters, applicant desires and proposes to dispose of such water produced with oil and gas from wells in the Bluebell Field and surrounding areas by injection underground into the Duchesne River formation underlying said area.

3. Applicant proposes to drill a water disposal well to be designated SWD 2-28A2 and located 1549 feet from the east line and 2496 feet from the south line of Section 28, Township 1 South, Range 2 West, U.S.M., Duchesne County, Utah. The locations of the proposed disposal well and the only other well within Section 28, a completed oil well, are shown on the attached plat, figure I.

4. All the names of the lessees of record within Sections 27, 28, 33, and 34 are attached in figure II. Lessees of record include all lessees of record within one-half mile of the proposed disposal well.

5. The Duchesne River formation in the area of the proposed disposal well consists of interbedded red shales and medium to coarse sandstone beds. The surface beds are Duchesne River formation with the bottom of this formation being approximately 3500'. The water in the basal part of the Duchesne River formation (2500' to 3500') is brackish and unfit for domestic, livestock, irrigation or general uses. It is into this 2500' to 3500' interval that we anticipate the waste water will be disposed.

6. The Gulf Anderson 1-28A2 in the same section as the disposal well was not logged at this level. However, Chevron Oil Company drilled a disposal well in Section 3, Township 1 South, Range 2 West, U.S.M., Duchesne County and ran logs through the Duchesne River formation. It is our belief that this log, attached as figure III, shows a typical Duchesne River section, as will be encountered in the proposed disposal well.

7. A sketch of the proposed casing and tubing program is attached in figure IV.

8. Before use as a disposal well, the casing will be pressured to 3000 psig and held for ten minutes to check for leaks.

9. Water to be disposed of is that which is produced with oil from the Green River-Wasatch formations in the Bluebell Field and surrounding areas.

10. The minimum injection rate is estimated to be 2000 barrels of water per day increasing to an estimated maximum of 5000 barrels of water per day.

11. Names and addresses of those notified by applicant are listed in figure V.

Respectfully submitted,

GULF OIL CO. - U.S.

By  J. D. Richards

CERTIFICATION

I, J. D. Richards, do herein certify that all persons listed in paragraph 11 of this application have been duly notified by registered mail on the date of this application.

 J. D. Richards

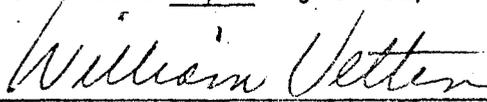
VERIFICATION

I, J. D. Richards, do solemnly swear that I have read the foregoing application and that I have been reliably informed and verily believe the facts therein stated to be true.

 J. D. Richards

STATE OF WYOMING )  
                          ) SS.  
COUNTY OF NATRONA )

Subscribed and sworn to before me this 27 day of September, 1974.

  
Notary Public

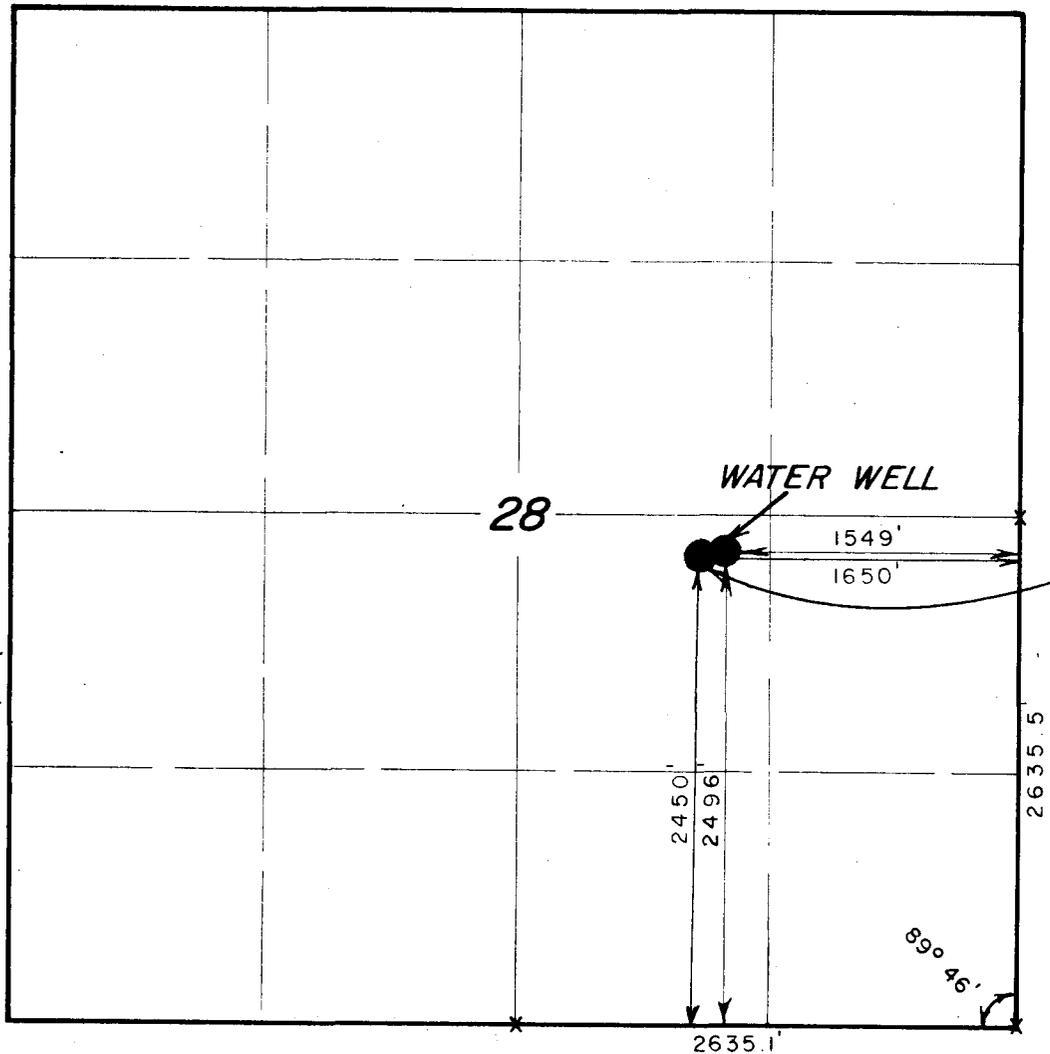
My Commission Expires:  
DEC 18, 1975

T1S, R2W, U.S.B. & M.

PROJECT  
**GULF OIL CORPORATION**

Well location, located as shown in the  
 NW 1/4 SE 1/4 Section 28, T1S, R2W,  
 U.S.B. & M. Duchesne County, Utah.

Figure I



Completed Oil Well  
 Owen Anderson I-28A2  
 1650' FEL & 2450' FSL



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 FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY  
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*Robert J. Hall*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO 2454  
 STATE OF UTAH

<b>UINTAH ENGINEERING &amp; LAND SURVEYING</b> P. O. BOX Q - 110 EAST - FIRST SOUTH VERNAL, UTAH - 84078	
SCALE 1" = 1000'	DATE AUG. 9, 1974
PARTY M.S. R.R.	REFERENCES GLO PLAT
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X = Section Corners Located

LESSEES OF RECORD WITHIN ONE-HALF MILE OF THE PROPOSED DISPOSAL WELL

Gulf Oil Company - U.S.

Chevron Oil Company

Shell Oil Company

W. Hughes Brockbank

Flying Diamond Corporation

Note: These are the lessees of record for all of Sections 27, 28, 33 and 34, Township 1 South, Range 2 West, U.S.M., Duchesne County, Utah, and will cover over one-half mile from the proposed disposal well.

FIGURE II

S W D 2-28A2  
PROPOSED CASING PROGRAM  
Sec. 28-1S-2W Duchesne Co. Utah  
Elevation 5718' (approx.) Ground

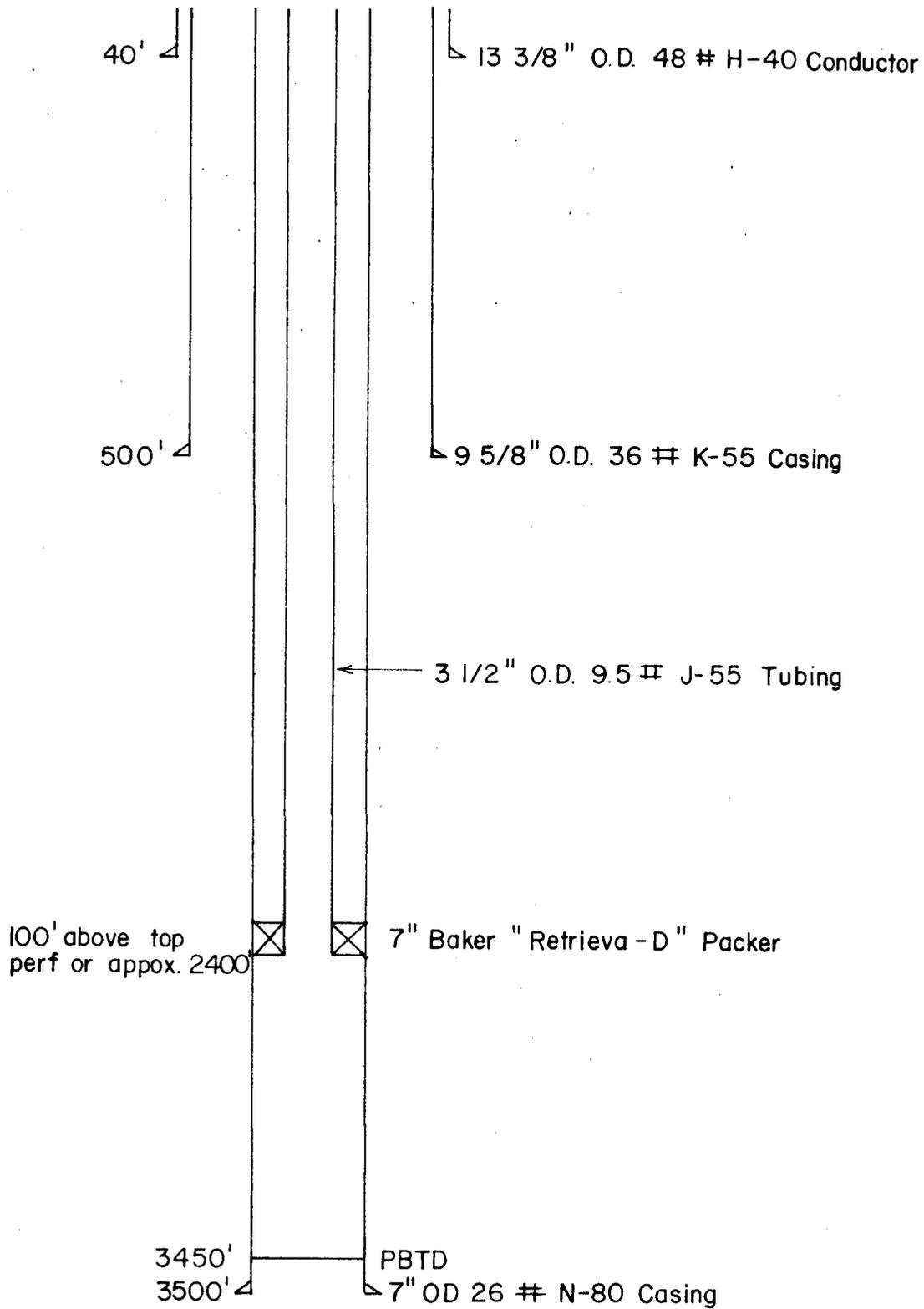


Figure IV

NAMES AND ADDRESSES OF THOSE NOTIFIED

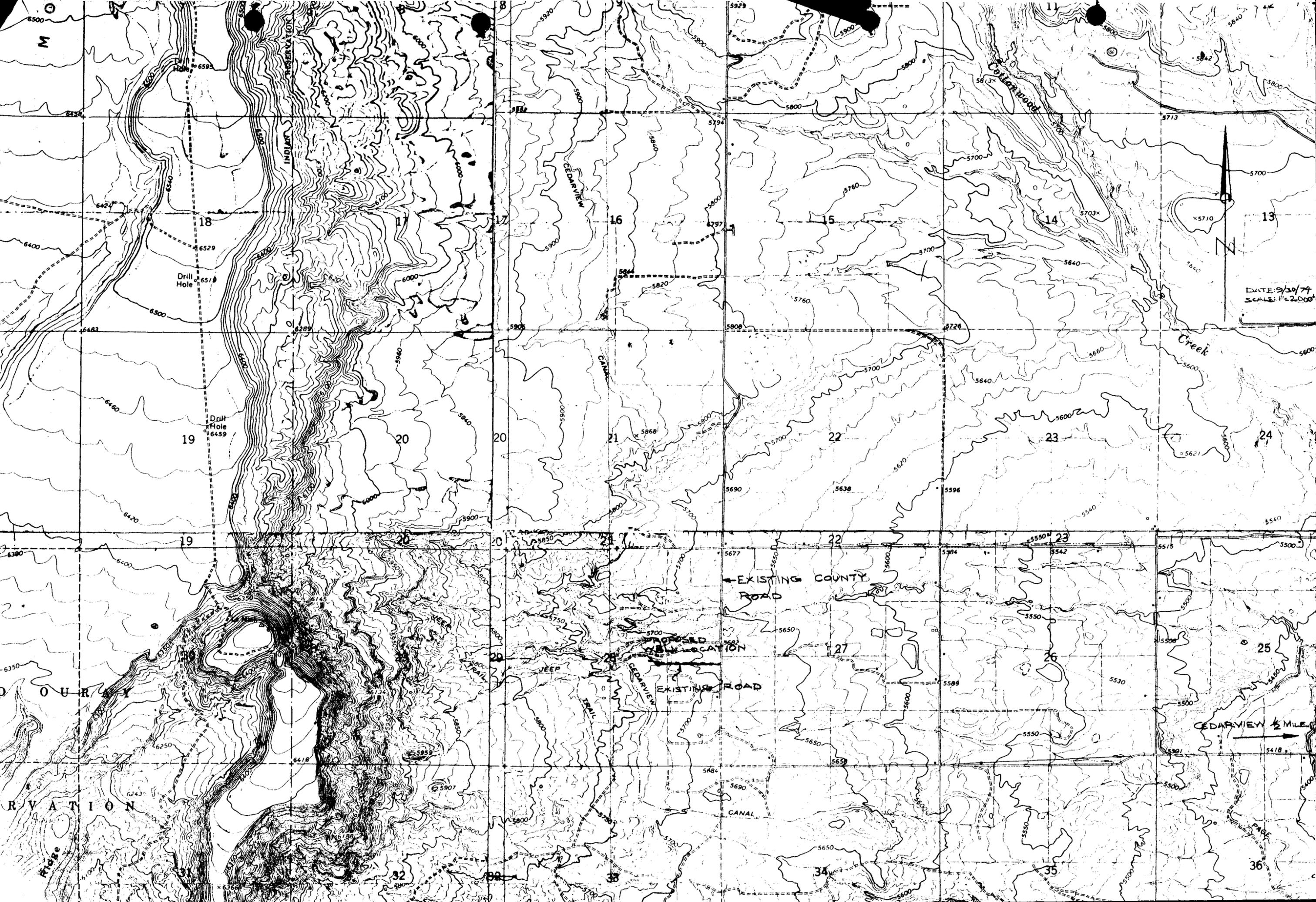
Chevron Oil Company  
P. O. Box 599  
Denver, CO 80202

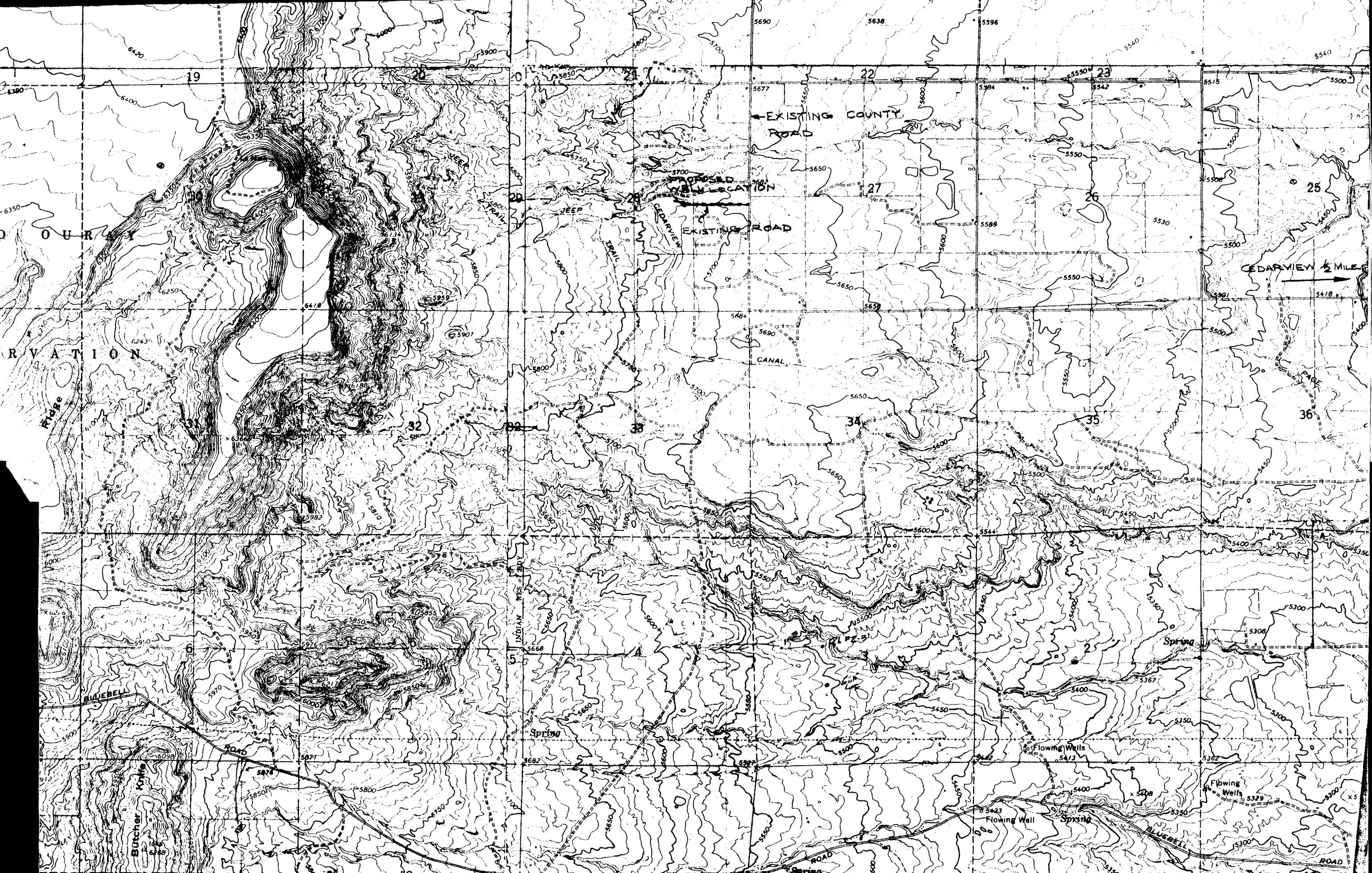
Shell Oil Company  
Western Division - Production  
P. O. Box 831  
Houston, TX 77001

W. Hughes Brockbank  
777 East South Temple  
Salt Lake City, UT 84102

Flying Diamond Corporation  
1776 Lincoln St. - Suite 811  
Denver, CO 80203

FIGURE V





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

5. Lease Designation and Serial No.

**APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK**

6. If Indian, Allottee or Tribe Name

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DRILL  DEEPEN  PLUG BACK

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Oil Well  Gas Well  Other **SWD** Single Zone  Multiple Zone

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**Gulf Oil Corporation**

**Bluebell Field Waste Water Sys**

3. Address of Operator

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At surface **2496' NSL & 1549' WEL (NW SE)**

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At proposed prod. zone

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Signed **J. A. LAYTON**  
**J. A. Layton**

Title **Area Drilling Superintendent** Date **September 27, 1974**

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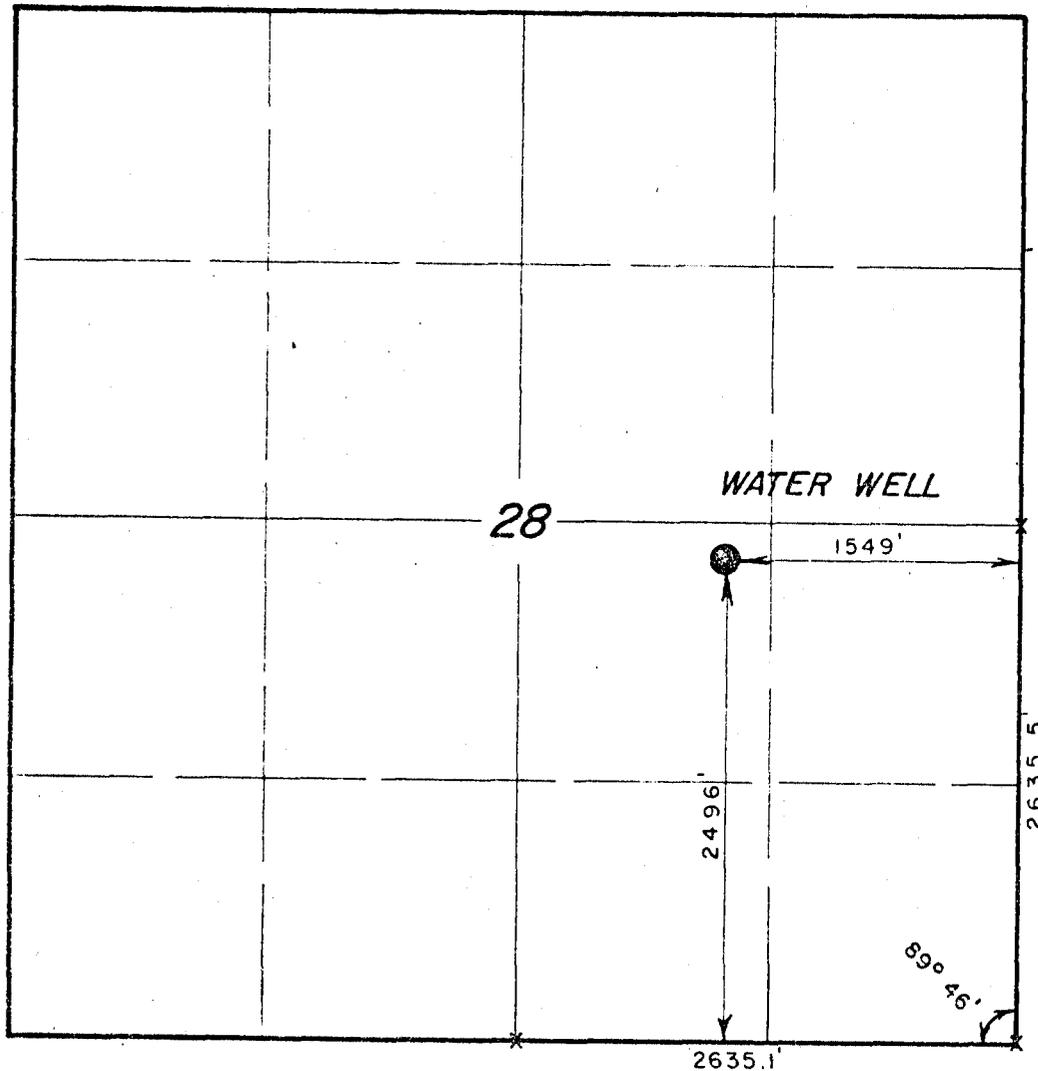
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T1S, R2W, U.S.B. & M.

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GULF OIL CORPORATION

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PARTY M.S. R.R.	REFERENCES GLO PLAT
WEATHER HOT	FILE GULF OIL 3P

X - Section Corners Located

*MS*

# Gulf Oil Company - U.S.

PRODUCTION DEPARTMENT  
CASPER AREA

Oscar E. Stoner  
AREA PRODUCTION MANAGER

September 27, 1974

P. O. Box 2619  
Casper, Wyo. 82601

Division of Oil and Gas Conservation  
State of Utah  
1588 West North Temple  
Salt Lake City, UT 84116

Attn: Cleon B. Feight, Director

Re: Disposal Well, Bluebell Field, Duchesne County, Utah

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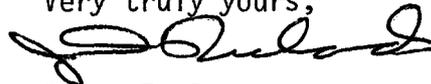
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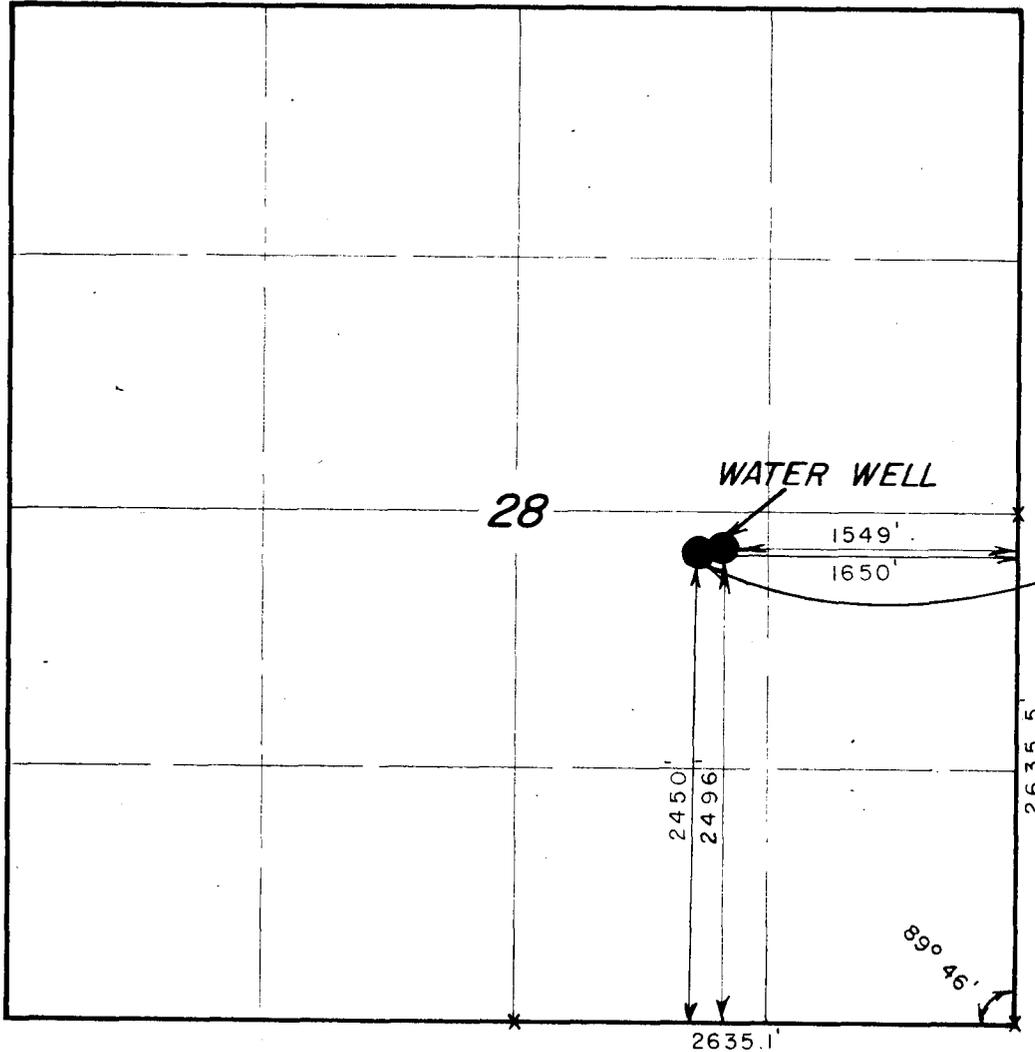


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REGISTERED LAND SURVEYOR  
 REGISTRATION NO 2454  
 STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING  
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Houston, TX 77001

W. Hughes Brockbank  
777 East South Temple  
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FIGURE V

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Sec. 28-1S-2W Duchesne Co. Utah  
Elevation 5718' (approx.) Ground

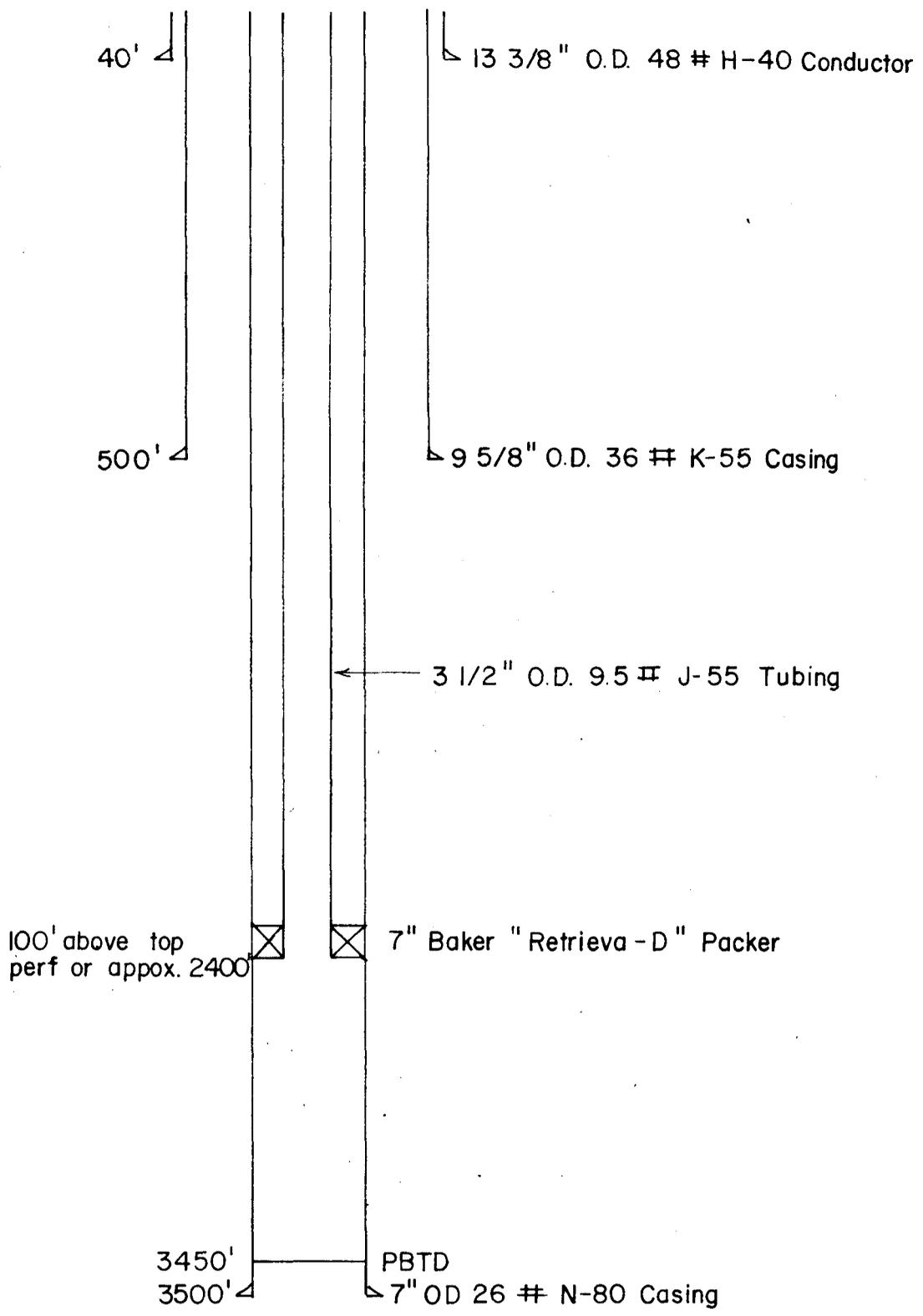


Figure IV

The Board of Oil and Gas Conservation  
Department of Natural Resources  
State of Utah

Gentlemen:

Gulf Oil Co. - U.S., an oil and gas operator in the Bluebell Field, Duchesne County, Utah, desires to drill and complete a waste water disposal well in the Bluebell Field, Duchesne County, Utah. In support of this application, Gulf Oil Co. - U.S. submits the following information in conformance with Rule C-11, Drilling and Development, Oil and Gas Conservation Commission.

1. There are many producing oil and gas wells in the Bluebell Field and surrounding area which are producing in association with oil and gas, salt water, brackish water or other water unfit for domestic, livestock, irrigation or other general uses. Applicant is now using surface pits to dispose of such produced water, but the anticipated volumes of such produced water may exceed the amount that can be effectively disposed of by evaporation.

2. In order to avoid surface damages and possible pollution of potable surface waters, applicant desires and proposes to dispose of such water produced with oil and gas from wells in the Bluebell Field and surrounding areas by injection underground into the Duchesne River formation underlying said area.

3. Applicant proposes to drill a water disposal well to be designated SWD 2-28A2 and located 1549 feet from the east line and 2496 feet from the south line of Section 28, Township 1 South, Range 2 West, U.S.M., Duchesne County, Utah. The locations of the proposed disposal well and the only other well within Section 28, a completed oil well, are shown on the attached plat, figure I.

4. All the names of the lessees of record within Sections 27, 28, 33, and 34 are attached in figure II. Lessees of record include all lessees of record within one-half mile of the proposed disposal well.

5. The Duchesne River formation in the area of the proposed disposal well consists of interbedded red shales and medium to coarse sandstone beds. The surface beds are Duchesne River formation with the bottom of this formation being approximately 3500'. The water in the basal part of the Duchesne River formation (2500' to 3500') is brackish and unfit for domestic, livestock, irrigation or general uses. It is into this 2500' to 3500' interval that we anticipate the waste water will be disposed.

6. The Gulf Anderson 1-28A2 in the same section as the disposal well was not logged at this level. However, Chevron Oil Company drilled a disposal well in Section 3, Township 1 South, Range 2 West, U.S.M., Duchesne County and ran logs through the Duchesne River formation. It is our belief that this log, attached as figure III, shows a typical Duchesne River section, as will be encountered in the proposed disposal well.

7. A sketch of the proposed casing and tubing program is attached in figure IV.

8. Before use as a disposal well, the casing will be pressured to 3000 psig and held for ten minutes to check for leaks.

9. Water to be disposed of is that which is produced with oil from the Green River-Wasatch formations in the Bluebell Field and surrounding areas.

10. The minimum injection rate is estimated to be 2000 barrels of water per day increasing to an estimated maximum of 5000 barrels of water per day.

11. Names and addresses of those notified by applicant are listed in figure V.

Respectfully submitted,

GULF OIL CO. - U.S.

By   
J. D. Richards

CERTIFICATION

I, J. D. Richards, do herein certify that all persons listed in paragraph 11 of this application have been duly notified by registered mail on the date of this application.

  
J. D. Richards

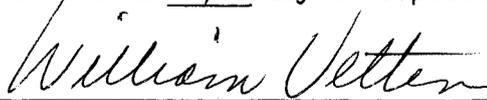
VERIFICATION

I, J. D. Richards, do solemnly swear that I have read the foregoing application and that I have been reliably informed and verily believe the facts therein stated to be true.

  
J. D. Richards

STATE OF WYOMING )  
                          ) SS.  
COUNTY OF NATRONA )

Subscribed and sworn to before me this 27 day of September, 1974.

  
Notary Public

My Commission Expires:  
DEC 18, 1975

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

5. Lease Designation and Serial No.

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 SWD Single Zone  Multiple Zone

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name

8. Farm or Lease Name

2. Name of Operator Gulf Oil Corporation

Bluebell Field Waste Water Sys  
9. Well No.

3. Address of Operator

SWD 2-28A2

4. Location of Well (Report location clearly and in accordance with any State requirements.\*)  
At surface P. O. Box 2619; Casper, Wyoming 82601

10. Field and Pool, or Wildcat

Bluebell

At proposed prod. zone same

11. Sec., T., R., M., or Blk. and Survey or Area

28-1S-2W

14. Distance in miles and direction from nearest town or post office\*

12. County or Parrish 13. State

\*See reverse side

Duchesne Utah

15. Distance from proposed\* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any) 2496' FSL & 1549' FEL of Section 28

17. No. of acres assigned to this well

160

18. Distance from proposed location\* to nearest well, drilling, completed, or applied for, on this lease, ft. 46' N. & 101' E. of nearest well

19. Proposed depth

3500'

20. Rotary or cable tools

Rotary

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

22. Approx. date work will start\*

5718' GL

Upon Approval

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
20"	13-3/8"	48#	30'	Cmt to surface
12-1/4"	9-5/8"	36# K-55	500'	Cmt to surface
8-3/4"	7"	26# N-80	TD	Cmt to surface

Propose to drill 3500' well for produced water disposal into the Duchesne River formation.  
BOP - Hydraulically actuated double gate from 500' to TD. 10" Series 900 equipment.  
Mud - Fresh water, low solids, non-dispersed from surface to TD.  
12-pt development plan will follow.

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

24. Signed J. A. Layton Title Area Drilling Superintendent Date September 27, 1974

(This space for Federal or State office use)

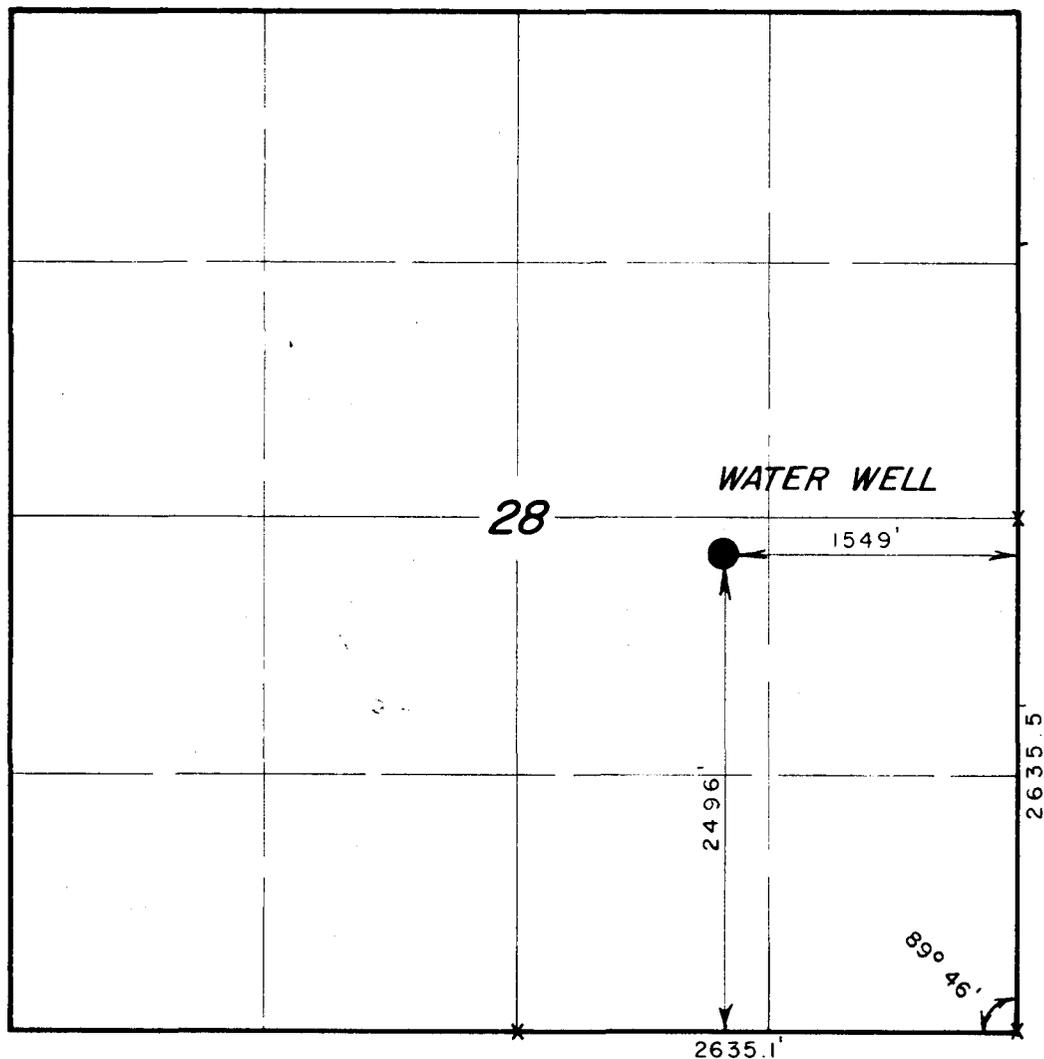
Permit No. 43-013-30346 Approval Date

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

T1S, R2W, U.S.B. & M.

PROJECT  
**GULF OIL CORPORATION**

Well location, located as shown in the  
 NW 1/4 SE 1/4 Section 28, T1S, R2W,  
 U.S.B. & M. Duchesne County, Utah.



CERTIFICATE

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.

*Robert J. ...*

REGISTERED LAND SURVEYOR  
 REGISTRATION NO 2454  
 STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING  
 P.O. BOX Q - 110 EAST - FIRST SOUTH  
 VERNAL, UTAH - 84078

X = Section Corners Located

SCALE 1" = 1000'	DATE AUG. 9, 1974
PARTY M.S. R.R.	REFERENCES GLO PLAT
WEATHER HOT	FILE GULF OIL 3P.

### Instructions

**General:** This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

**Item 1:** If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

**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 14:** Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

**Items 15 and 18:** If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

**Item 22:** Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

\* Item 14 - From Neola, Utah 5 mi S on Hy 121, 3 mi W, 2 mi N, 1 mi W, 1/2 mi S, then W to location.

cc: (3) Utah Oil & Gas Commission; 1588 W. North Temple; Salt Lake City, UT 84116; Attn: Mr. Cleon Feight  
Gulf Oil Corp.; Box 2100; 18th Floor; Houston, TX 77001; Attn: Mr. W. F. Pinkerton

October 8, 1974

Gulf Oil Corporation  
Box 2619  
Casper, Wyoming 82601

Re: Well No. Bluebell Salt Water  
Disposal Well No. 2-28A2  
Sec. 28, T. 1 S, R. 2 W,  
Duchesne County, Utah

Gentlemen:

Please be advised that administrative approval under Rule C-11, General Rules and Regulations, is hereby granted for the drilling of the above referred to water disposal well.

Said approval is, however, conditional upon adhering to the provisions of the Order issued in Cause No. 139-9, outlined as follows:

1. Applicant will take two samples of formation water by production swab tests, one from the subsurface interval 2500' to 2800'; and the other to be taken below 2800' over an interval selected by the Applicant.
2. Applicant will notify this office prior to taking such samples in order that a member of our staff may be present to witness such tests, and take independent samples.
3. Applicant will provide continuous monitoring of the salt water disposal well as to the volume of fluids injected and injection pressures.

Should you have any questions relative to the above, please do not hesitate to call or write.

Very truly yours,

CLEON B. FEIGHT  
DIRECTOR

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

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

State Lease No. \_\_\_\_\_  
 Federal Lease No. \_\_\_\_\_  
 Indian Lease No. \_\_\_\_\_  
 Fee & Pat. \_\_\_\_\_

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Duchesne FIELD/LEASE Bluebell

The following is a correct report of operations and production (including drilling and producing wells) for the month of November, 19 74

Agent's Address P. O. Box 2619  
Casper, Wyoming 82601  
 Phone No. 307-235-5783

Company Gulf Oil Corporation  
 Signed Pauline Whittledge  
 Title Senior Clerk

Sec. and 1/4 of 1/4	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (if none, so state)	REMARKS (If drilling, depth; if test down date and result of test for gas content of gas)
NE NW SE 28	1S	2W	2-28A2	SWD						TD 2,877' 12/1 Repair Rig Spud 11 AM 11/22/74 9-5/8" csg set at 495' cmtd w/380 sx
2- Utah Oil & Gas Cons. Comm. 1 - OE 1 - M. F. Bear y 1 - RP 2 - File										
Bluebell 1 WWD System #2-28A2 SWD										

GAS: (MCF)  
 Sold \_\_\_\_\_  
 Flared/Vented \_\_\_\_\_  
 Used On/Off Lease \_\_\_\_\_

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

CUMULATIVE PRODUCTION:  
 BO \_\_\_\_\_ BW \_\_\_\_\_ MCF \_\_\_\_\_

GULF OIL CORPORATION  
12 Point Surface Use Plan  
for  
Owen Anderson Water Disposal Well  
in  
Sec. 28, T1S, R2W, U.S.B. & M.  
Duchesne County  
Utah

## 1. EXISTING ROAD

To reach Gulf Oil Corporation well location in Section 28, T1S, R2W, U.S.B. & M., proceed West on paved county road 1.25 miles; exit to the North on paved county road and proceed 1.0 miles; exit to the West on paved county road and proceed 2.0 miles; exit to the South and proceed 0.55 miles; exit to the West and proceed 0.3 miles on existing graded road to Said location.

## 2. PLANNED ACCESS ROADS

As shown on the attached topographic map, the existing access road leaves the location on the East side and proceeds easterly for 0.3 miles, to intersection with county road. No other access routes are planned.

## 3. LOCATION OF EXISTING WELLS

Gulf has an existing producing well 110' SW of proposed well location.  
*Owen Anderson 1-28-A-2 (Fee)*

## 4. LATERAL ROADS TO WELL LOCATIONS

Roads to well locations in the existing area are shown on the attached topographic map. *No new roads*

## 5. LOCATION OF TANK BATTERIES AND FLOWLINES

There will be no tank batteries or flowlines. *Disposal well*

## 6. LOCATION AND TYPE OF WATER SUPPLY

Water used to drill this well will be the produced water from the existing well.

## 7. METHODS FOR HANDLING WASTE DISPOSAL

All waste will be hauled from the well site.

## 8. LOCATION OF CAMPS

There will be no camps.

## 9. LOCATION OF AIRSTRIPS

There will be no airstrips.

## 10. LOCATION LAYOUT

See attached location layout sheet.

## 11. PLANS FOR RESTORATION OF SURFACE

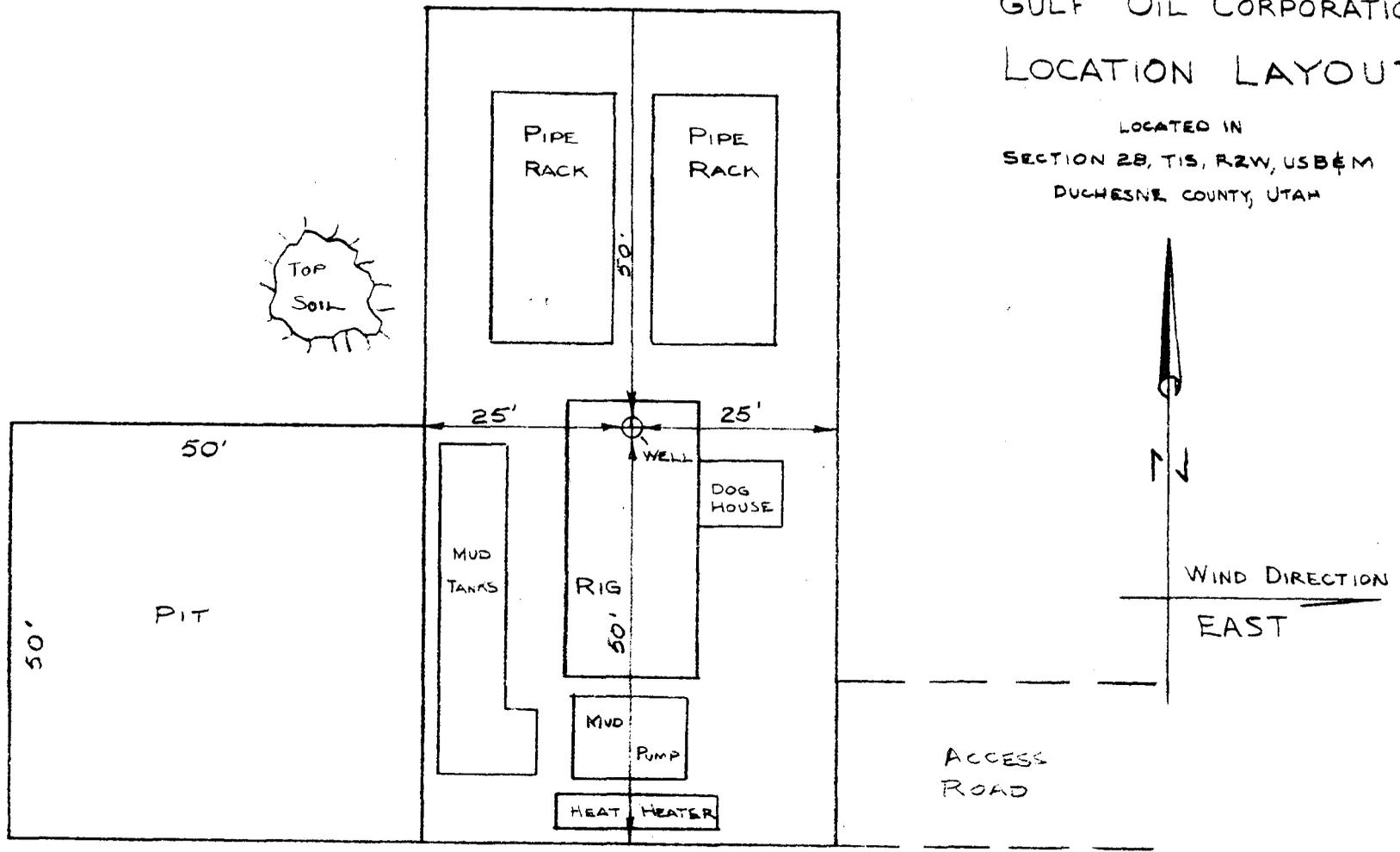
Top soil will be stock piled on the North west side of the location. On completion, pits will be filled, the surrounding area releveled, and reseeded with crested wheat grass at the rate of 6 pounds per acre.

## 12. TOPOGRAPHY

The area surrounding the well location consists of generally small rolling hills vegetated with juniper, grass, and sagebrush, with some gullies and washes. A pond is located 200' to the North.

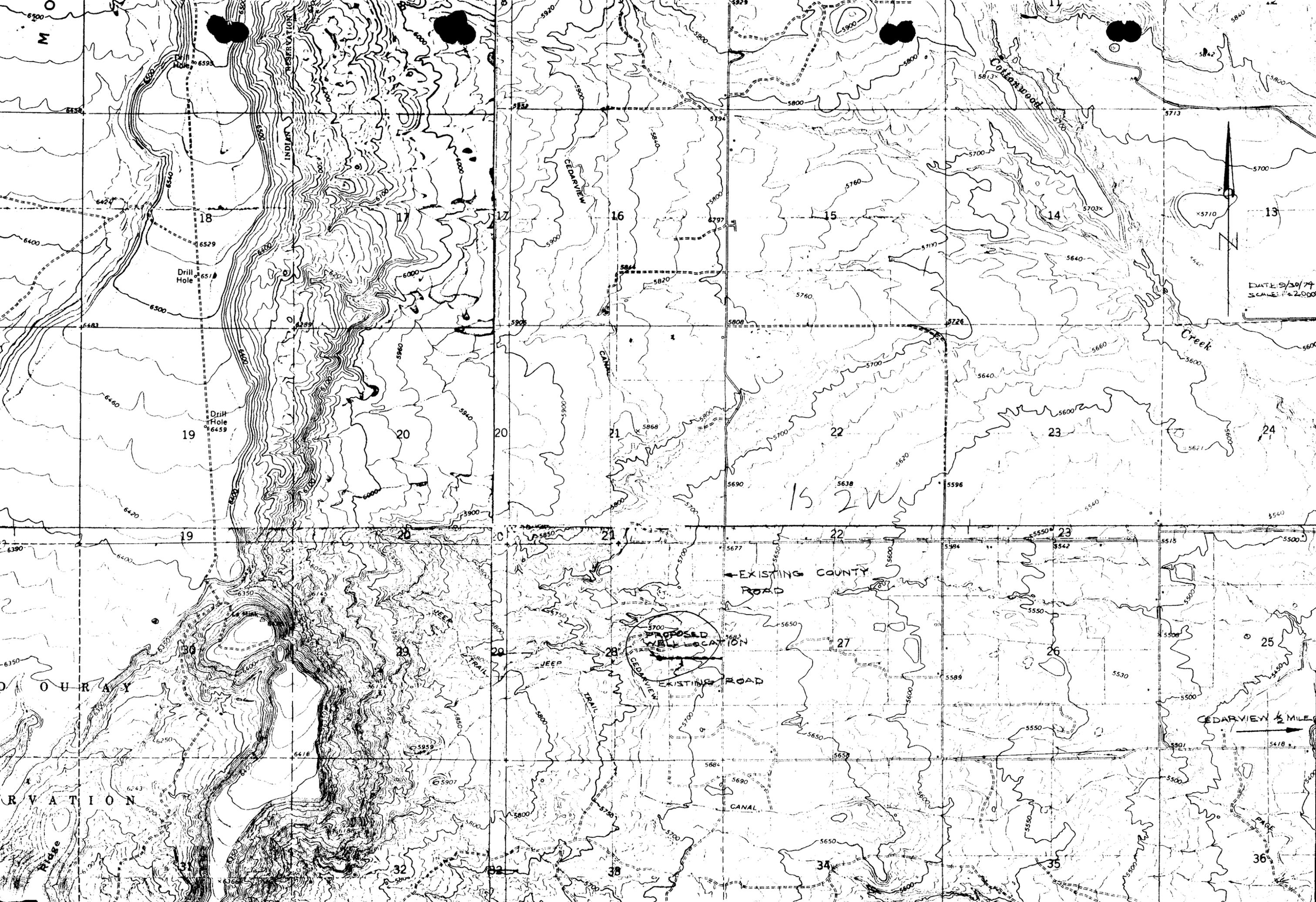
# GULF OIL CORPORATION LOCATION LAYOUT

LOCATED IN  
SECTION 28, T15, R2W, USB&M  
DUCHESTER COUNTY, UTAH



NOTE: WELL IS TO BE 3500' DEEP

DATE 9/30/74  
SCALE = 1" = 20'



DATE: 9/30/74  
SCALE: 1" = 2,000'

15 2W

← EXISTING COUNTY ROAD

PROPOSED WELL LOCATION

EXISTING ROAD

CEDARVIEW 1/2 MILE



November 21, 1974

MOMO FOR FILING

Re: Shell Oil Company  
Salt Water Disposal Well 2-4B3  
Sec. 4, T. 2 S., R. 3 W., USM  
Uintah County, Utah

On November 19, 1974, a visit was made to the above referred to well site.

Met with Mr. Pete Driscall and John Manning, engineers for Shell, and witnessed a swabbing test being conducted. They had swabbed zones in the upper portion of the Duchesne River-Uinta Formation from perforations 3,000' to 3,292'. Over 152 barrels of fluid had been swabbed. The water stabilized at 53,000' PPM of NaCl equivalent.

Cement bond logs that were run in the hole showed excellent cement bonding from T.D. to surface. Samples were taken for future analysis by the Bureau of Mines and Utah Environmental Health Dept. in accordance with cause 139-9. The retrievable bridge plug and packer were then released and set across a lower group of perforations from 3,428' to 3,836'. Several swabbing attempts were made, however the formation would not give up any connate or interstitial water. Recommend that they ~~break~~ break the formation down with fresh water and continue swabbing in an attempt to recover formation fluid. Water sample bottles were left on location in the event they were successful.

Paul W. Burchell  
CHIEF PETROLEUM ENGINEER

PWB: sk

cc: U.S. Geological Survey

W  
D Richards - Gulf office  
over post office -  
TD 3500  
3310-30 3148-68

Rain water & perched 3100 feet at  
sunked 1900<sup>hrs</sup> - 0600 hours - 120 BWS  
4 trips pond level 2200' 900' ~~vertical~~  
recovered + will set bridge plug <sup>3100'</sup> 2800'  
& perforate (2nd stage) 2506-02, 2650-60  
2688-98 set packer at 2488'  
80 ft from upper zone

Gulf Hands

Jim Brown auto phone 789-0708  
Franka Matthews . . . 545-7412

Gulf office in Rossum - above post office  
922 3639

approx 2021' of water from upper zone  
sinking zone over 900' per day sample 8.15 AM

John Helco - Driller  
Bill Pilcher - Pusher

Measure Resistivity & Temperature

Soil contents if over 6000 PPM  
if under 6000 1 hr deep - check electric logs

Bottom zone water 200,000 ppm in soil  
Formation water 3000 to 7000

SUBMIT IN DUPLICATE\*

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

(See other instructions on reverse side)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other SWD

5. LEASE DESIGNATION AND SERIAL NO.  
-----

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
-----

7. UNIT AGREEMENT NAME  
-----

8. FARM OR LEASE NAME

Bluebell Field Waste Water System

9. WELL NO.

SWD 2-28A2

10. FIELD AND POOL, OR WILDCAT

Bluebell

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

28-1S-2W

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

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

2. NAME OF OPERATOR  
Gulf Oil Corporation

3. ADDRESS OF OPERATOR  
P/O Box 2619 - Casper, WY 82601

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

At surface  
2496' NSL & 1549' WEL (NW SE)

At top prod. interval reported below

Same

At total depth  
Same

14. PERMIT NO. DATE ISSUED

30346

15. DATE SPUNDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 19. ELV. CASINGHEAD

11-22-74 12-8-74 12-11-74 5718' GL -----

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

3500' 3440' ----- Surf to TD None

24. INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* 25. WAS DIRECTIONAL SURVEY MADE

2506-3330 Waste Water Disposal Well None

26. TYPE ELECTRIC AND OTHER LOGS RUN 27. WAS WELL CORED

IE log, CDL, PFC chart; DIFF TEMP No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36#	495'	12-1/4"	380 SX	
7"	26#	3484'	8-3/4"	845 SX	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
None					2-7/8"	2453'	2453'

31. PERFORATION RECORD (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

INTERVAL	SIZE	AMOUNT AND KIND OF MATERIAL USED
3310'-30'	4 HPF	10,000 gals. HCl
3148'-68'		
2688'-98'		
2650'-60'		
2506'-62'		

33.\* PRODUCTION

DATE FIRST PRODUCTION disposal PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping WELL STATUS (Producing or shut-in) Active Disposal Well

DATE OF TEST 12-12-74 (See Reverse Side) HOURS TESTED CHOKE SIZE PROD'N. FOR TEST PERIOD OIL—BBL. GAS—MCF. WATER—BBL. GAS-OIL RATIO

FLOW—TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE OIL—BBL. GAS—MCF. WATER—BBL. OIL GRAVITY-API (CORR.)

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

No Gas

35. LIST OF ATTACHMENTS  
Logs per item 26

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

SIGNED R. E. Penick TITLE Petroleum Engineer DATE December 23, 1974

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

\* Routine disposal not yet begun. Notification will be sent when begun.

# INSTRUCTIONS

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

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

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

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

**Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29: "Sacks Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

cc: Gulf Oil Corporation - Box 2100, 18th Floor, Houston, Texas 77001 Attn: Mr. W. F. Pinkerton

**37. SUMMARY OF POROUS ZONES:**

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
No DST's or Cores			
Duchesne River FM	2504	2560	Porous Sandstone Med to Coarse
Duchesne River FM	3150	3170	Grained Porosity 15%
Duchesne River FM	3310	3330	Sandstone as above
			Sandstone as above
			Ran water inj test after acidizing as follows:
	6-1/4 BPM	1600#	50 bbls ISIP 1250#
	8-1/2 BPM	2000#	50 bbls ISIP 1300#
	12-1/4 BPM	2600#	50 bbls ISIP 1300#
	TORT. RR @ 4:00 a.m., 12-12-74. Completed as Waste Water Disposal		
	Well 2-28A2 for the Bluebell Waste Water Disposal System - AFE 83162		
	Water disposal to be started within approximately 2 weeks on routine basis. DROP.		

**38. GEOLOGIC MARKERS**

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Duchesne River FM	Surface to	Total Depth

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL & GAS CONSERVATION

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

State Lease No. \_\_\_\_\_  
Federal Lease No. \_\_\_\_\_  
Indian Lease No. \_\_\_\_\_  
Fee & Pat. \_\_\_\_\_

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Duchesne FIELD/LEASE Bluebell

The following is a correct report of operations and production (including drilling and producing wells) for the month of December, 19 74.

Agent's Address P. O. Box 2619  
Casper, Wyoming 82601  
Phone No. 307-235-5783

Company Gulf Oil Corporation  
Signed Pauline Whittledge  
Title Senior Clerk

Sec. and % of %	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (if none, so state)	REMARKS (If drilling, depth; if shut down, date and result of test for gas content of gas)
NE NW SE 28	1S	2W	2-28A2	SWD						SI W0 start of water disposal 1/1 TD 3500', PBD 3,440' 7" csg set 3,484' cmtd w/845 sx cmt Perfd 4 HPF 3,310-30', 3,148-68', 2,688-98', 2,650-60' and 2,506-62' Acidize w/10,000 gal HCL Work complete SI
2 - Utah Oil & Gas Cons. Comm. 1 - OC 1 - M. F. Bearly 1 - RP 1 - DeGolyer and MacNaughton							Bluebell WWD System #2-28A2 SWD			
2 - File										

GAS: (MCF)  
Sold \_\_\_\_\_  
Flared/Vented \_\_\_\_\_  
Used On/Off Lease \_\_\_\_\_  
CUMULATIVE PRODUCTION:  
\_\_\_\_\_ BO \_\_\_\_\_ BW \_\_\_\_\_ MCF

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

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

<p>1. <input type="checkbox"/> OIL WELL    <input type="checkbox"/> GAS WELL    <input type="checkbox"/> OTHER    <u>Salt Water Disposal Well</u></p> <p>2. NAME OF OPERATOR <u>Gulf Oil Corporation</u></p> <p>3. ADDRESS OF OPERATOR <u>P. O. Box 2619; Casper, WY 82601</u></p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <u>2496' NSL &amp; 1549' WEL (NW SE)</u></p>		<p>5. LEASE DESIGNATION AND SERIAL NO. -----</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME -----</p> <p>7. UNIT AGREEMENT NAME -----</p> <p>8. FARM OR LEASE NAME <u>Bluebell Field Waste Water</u></p> <p>9. WELL NO. <u>SWD 2-28A2</u></p> <p>10. FIELD AND POOL, OR WILDCAT <u>Bluebell</u></p> <p>11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA <u>28-1S-2W</u></p> <p>12. COUNTY OR PARISH    13. STATE <u>Duchesne</u>                      <u>Utah</u></p>
<p>14. PERMIT NO.</p>	<p>15. ELEVATIONS (Show whether DF, RT, OR, etc.) <u>5718' GL</u></p>	

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

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

Notice of first water disposal into Gulf's Bluebell Field, Salt Water Disposal well No. 2-28A2 on January 20, 1975. Refer to initial well completion report dated December 23, 1974.

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

ORIGINAL SIGNED BY  
R. E. PENICK

SIGNED R. E. Penick TITLE Petroleum Engineer DATE January 31, 1975

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:

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

1508 WEST NORTH TEMPLE  
 SALT LAKE CITY, UTAH 84116  
 328 5771

State Lease No. ....  
 Federal Lease No. ....  
 Indian Lease No. ....  
 Fee & Pat. ....

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Duchesne FIELD/LEASE Bluebell

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

Agent's Address P. O. Box 2619  
Casper, Wyoming 82601  
 Phone No. 307-235-5783

Company Gulf Oil Corporation  
 Signed Pauline Whiteledge  
 Title Senior Clerk

Sec. and % of %	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (if none, so state)	REMARKS (If drilling, depth, if shut in date and result of test, if contact or pay)
NE NW SE 28	1S	2W	2-28A2 SWD						18,575	First Inj 1/22/75 avg pressure 1,365 into Uintah zone perforations 3310-30, 3148-68, 2688-98, 2650-60, and 2,506-62'.
2 - Utah Oil & Gas Cons. Comm. 1 - DeGolyer and MacNaughton 1 - M. F. Beary 1 - RP 1 - OC. 2 - File 1 - Gary										
West Bluebell WVD System #2-28A2 SWD										

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

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

CUMULATIVE PRODUCTION:  
 BO \_\_\_\_\_ BW \_\_\_\_\_ MCF \_\_\_\_\_

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

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

7

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. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Salt Water Disposal Well		5. LEASE DESIGNATION AND SERIAL NO. -----
2. NAME OF OPERATOR Gulf Oil Corporation		6. IF INDIAN, ALLOTTEE OR TRIBE NAME -----
3. ADDRESS OF OPERATOR P. O. Box 2619; Casper, WY 82601		7. UNIT AGREEMENT NAME -----
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2496' NSL & 1549' WEL (NW SE)		8. FARM OR LEASE NAME Bluebell Field Waste Water
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, OR, etc.) 5718' GL	9. WELL NO. SWD 2-28A2
		10. FIELD AND POOL, OR WILDCAT Bluebell
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 28-1S-2W
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

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

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

Notice of first water disposal into Gulf's Bluebell Field, Salt Water Disposal well No. 2-28A2 on January 20, 1975. Refer to initial well completion report dated December 23, 1974.

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

SIGNED R. E. Penick TITLE Petroleum Engineer DATE January 31, 1975  
(This space for Federal or State office use)

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

July 11, 1975

Gulf Oil Company  
P.O. Box 2619  
Casper, Wyoming 82601

Gentlemen:

Enclosed is a memo pertaining to the existing conditions of the Bluebell SWD #2-28A2, in Duchesne County, Utah.

It is requested that these conditions be corrected, and acted upon promptly.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

PATRICK L. DRISCOLL  
CHIEF PETROLEUM ENGINEER

PLD:tb

cc: U. S. GEOLOGICAL SURVEY

August 5, 1975

Mr. J.D. Richards  
Gulf Oil Company  
P.O. Box 2619  
Casper, Wyoming 82601

Re: Bluebell SWD  
#2-28A2

Dear Mr. Richards:

I have received your reply to the conditions of this lease, that I noted in my previous letter.

In regarding the order as well as the minutes of the meeting on April 22, 1975, concerning the U.S.G.S. regulations on Federal leases, I note that the phrase "continuous monitoring" is not specifically defined, and I am aware that one might construe "continuous" as sequentially daily visits. This Division will accept this definition, but request that a copy of the monthly record be submitted to this office. At the next board meeting, a clarification of intent will be requested for future wells.

I further note that in the minutes of the U.S.G.S. meeting, that the maximum pressure allowed on a disposal well as reflected by the well head pressure will be limited to an equivalent pressure at the top perforation of the injection zone or sandface to not more than 90% of the determined fracture gradient. It was noted from the minutes, that some operators felt that this was not a practical stipulation and asked, "what is the determined fracture gradient?" The fracture gradient was to be determined and the findings submitted.

As this has not been done, the Division of Oil, Gas, and Mining will continue to apply their interpretation, and in the case of the above reference well, the 1625 psig on well head pressure I noted on my inspection is, in my opinion, 125-150 psig above fracture pressure.

If you should have additional information indicating a different gradient that would allow a higher pressure, I would welcome the opportunity to review it.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

PATRICK L. DRISCOLL  
CHIEF PETROLEUM ENGINEER

PLD:tb

cc: U. S. GEOLOGICAL SURVEY

OIL & GAS CONSERVATION COMMISSION

**SUNDRY NOTICES AND REPORTS ON WELLS**

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<p>1. <input type="checkbox"/> OIL WELL    <input type="checkbox"/> GAS WELL    <input type="checkbox"/> OTHER Salt Water Disposal Well</p> <p>2. NAME OF OPERATOR Gulf Oil Corporation</p> <p>3. ADDRESS OF OPERATOR Box 2619, Casper, Wyoming 82601</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2496' NSL &amp; 1549' WEL (NW SE)</p>		<p>5. LEASE DESIGNATION AND SERIAL NO. ---</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME ---</p> <p>7. UNIT AGREEMENT NAME ---</p> <p>8. FARM OR LEASE NAME Bluebell Field Waste Water</p> <p>9. WELL NO. SWD 2-28A2</p> <p>10. FIELD AND POOL, OR WILDCAT Bluebell</p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 28-1S-2W</p>
<p>14. PERMIT NO.</p>	<p>15. ELEVATIONS (Show whether DF, RT, OR, etc.) 5718' GL</p>	<p>12. COUNTY OR PARISH Duchesne</p> <p>13. STATE Utah</p>

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

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

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Isolate and treat perforations in Waste Water Disposal well 2-28A2 per attached:

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

SIGNED R. L. Crum TITLE Petroleum Engineer DATE Sept 11, 1975

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:

Make reports complete, such as description of casing . . . Show, as soon as known, name of contractor, type of rig, and kind of fuel . . .  
In guide margin show casing (as, 7"), "Contractor," "Shot," "Acidized," etc.

GUIDE MARGIN      DATE      YEAR      1975      A. F. E.      89442      LEASE AND WELL      Bluebell Waste Water Disposal 2-28A2

BLUEBELL FIELD

Bluebell Waste Water Disposal 2-28A2  
28-1S-2W, Duchesne Co., Utah  
1.0000

9/10/75 On 9/2/75, MI WO rig to isolate & fracture from 3,148'-68' and 3,310'-30'. Gulf AFE 89442. Injection profile 8/16/75 showed no fluid entry in these perfs. Move pkr to 3,100' & set. On 9/3/75, MI & RU Howco to frac down 2-7/8" OD tbg. Press test lines to 5000 psi. Pumped acid spearhead of 2000 gals 15% HCl w/ 6 gals 3N non-emulsifier, 2 gals Pen-5 penetrating agent, and 6 gals HAI-50 inhibitor. All fracturing fluid consisted of 40#/1000 gals W6-7 gelling agent, 30#/1000 gals WAC-11 fluid loss additive, 3 gals/1000 gals 3N non-emulsifying and 1/4#/1000 gals ammonia persulfate breaker. Pumped w/ the following schedule for sand concentration:

<u>Volume</u>	<u>Stage</u>	<u>Sand Mesh</u>	<u>ppg</u>
5000 gals	Pad		No Sand
5000 gals		20/40	1
5000 gals		10/20	2
5000 gals		8/12	3
1680 gals	Flush		Formation Water

AIR = 14 B/M, Avg press 2925 psi, ISIP 1800 psi, 5 min = 1700 psi, 10 min = 1650 psi, 15 min = 1650 psi. SIFN. On 9/4/75, unseat pkr. Wash to btm. PU to approx 2,400'. Set pkr. MO workover rig. Resume inj. Injectivity on 9/9/75 was 3200 BWPD @ 1500 psi. Injectivity prior to workover was 3200 BWPD @ 1850 psi. DROP.

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

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

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SUBSEQUENT REPORT OF:

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FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input checked="" type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
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REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	
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Isolate and treat perforations in Waste Water Disposal well 2-28A2 per attached:

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

SIGNED R. L. Crum TITLE Petroleum Engineer DATE Sept 11, 1975

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
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GUIDE MARGIN      DATE      YEAR      1975      A. F. E.      89442      LEASE AND WELL      Bluebell Waste Water Disposal 2-28A2

BLUEBELL FIELD

Bluebell Waste Water Disposal 2-28A2  
 28-1S-2W, Duchesne Co., Utah  
 1.0000

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STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

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

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Isolate and treat perforations in Waste Water Disposal well 2-28A2 per attached:

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

SIGNED R. L. Crum TITLE Petroleum Engineer DATE Sept 11, 1975

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
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GUIDE MARGIN	DATE	YEAR	1975	A. F. E.	89442	LEASE AND WELL	Bluebell Waste Water Disposal 2-28A2
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**BLUEBELL FIELD**

Bluebell Waste Water Disposal 2-28A2  
28-1S-2W, Duchesne Co., Utah  
1.0000

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SECONDARY RECOVERY  
 WATER INJECTION - WELL REPORT  
 GULF T - 1311-A

West

LEASE, POOL, OR UNIT BLUEBELL WIND-SYSTEM 2-28A2 OPERATOR GULF OIL CORP

MONTH 9 1975

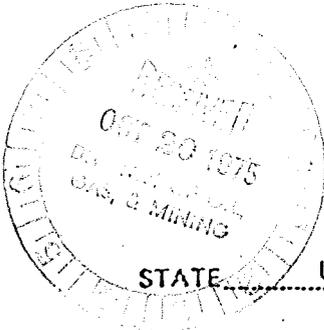
DATE	ANDERSON WELL NO. 1			WELL NO.			WELL NO.			WELL NO.			WELL NO.			HEADER PRESS.
	BBLs.	PRESS.	METER READING	BBLs.	PRESS.	METER READING	BBLs.	PRESS.	METER READING	BBLs.	PRESS.	METER READING	BBLs.	PRESS.	METER READING	
75 <sup>m</sup>	507220	3251	1800													
142 <sup>s</sup>	509288	2068	1800													
14 <sup>00</sup>	509288	0	0	100 - frac												
14 <sup>00</sup>	509288	0	0													
5 <sup>00</sup>	511355	2067	1450													
5 <sup>00</sup>	512519	1164	1452													
5 <sup>00</sup>	514114	1575	1200													
7 <sup>00</sup>	514114	2000	1500 est													
7 <sup>00</sup>	516639	2525	1500													
5 <sup>00</sup>	518376	1737	1500													
5 <sup>00</sup>	520602	2226	1500													
10 <sup>00</sup>	520602	1000	1500 est													
14 <sup>00</sup>	523091	2489	1525													
14 <sup>00</sup>	523091	1000	1500 est													
15 <sup>00</sup>	526144	3353	1600													
15 <sup>00</sup>	527147	703	1600													
15 <sup>00</sup>	527147	701	1500 est													
5 <sup>00</sup>	529443	2296	1500													
7 <sup>00</sup>	530523	1060	1500													
15 <sup>00</sup>	530523	500	1500 est													
21 <sup>00</sup>	532923	2420	1500													
22 <sup>00</sup>	532923	500	1500 est													
4 <sup>00</sup>	534876	1953	1500													
24 <sup>00</sup>	535676	800	1500													
16 <sup>00</sup>	537791	2115	1400													
16 <sup>00</sup>	537791	800	1500 est													
16 <sup>00</sup>	537791	800	1500 est													
9 <sup>00</sup>	539351	1566	1400													
29 <sup>00</sup>	541352	1792	1450													
16 <sup>00</sup>	543006	1657	1700													
3 <sup>00</sup>																

30035 trucked  
 16303 Anderson  
 46338 = Total

46338/1505

STATE OF UTAH  
 DEPARTMENT OF NATURAL RESOURCES  
 DIVISION OF OIL & GAS CONSERVATION  
 1500 WEST NORTH TEMPLE  
 SALT LAKE CITY, UTAH 84116  
 328 5771

State Lease No. \_\_\_\_\_  
 Federal Lease No. \_\_\_\_\_  
 Indian Lease No. \_\_\_\_\_  
 Fee & Pat. \_\_\_\_\_



REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Duchesne FIELD/LEASE Bluebell

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

Agent's Address P. O. Box 2619  
Casper, Wyoming 82601  
 Phone No. 307-235-5783

Company Gulf Oil Corporation  
 Signed Pauline Whittledge  
 Title Senior Clerk

Sec. and % of %	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (if none, so state)	REMARKS (If drilling, depth, if shut in, date and result of test for content of gas)
NE NW SE 28	1S	2W	2-28A2 SWD						46,338	bbls. injected average 1,505 pressure Frac treated w/ 2,000 gal 15% HCL spearhead
2 - Utah Oil & Gas Cons. Comm. 1 - DeGolyer and MacNaughton  1 - KK 1 - OC. 2 - File 1 - BH										
West Bluebell WWD System #2-28A2 SWD										

GAS: (MCF)  
 Sold \_\_\_\_\_  
 Flared/Vented \_\_\_\_\_  
 Used On/Off Lease \_\_\_\_\_

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

CUMULATIVE PRODUCTION:  
 \_\_\_\_\_ BO \_\_\_\_\_ BW \_\_\_\_\_ MCF

OIL & GAS CONSERVATION COMMISSION

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 Salt Water Disposal Well

2. NAME OF OPERATOR  
Gulf Oil Corporation

3. ADDRESS OF OPERATOR  
P. O. Box 2619, Casper, Wyoming 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\* See also space 17 below.)  
At surface  
2496' NSL & 1549' WEL (NW SE)

14. PERMIT NO. \_\_\_\_\_ 15. ELEVATIONS (Show whether DF, RT, OR, etc.)  
5718' GL

5. LEASE DESIGNATION AND SERIAL NO.  
-----

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
-----

7. UNIT AGREEMENT NAME  
-----

8. FARM OR LEASE NAME  
Bluebell Field Waste Water

9. WELL NO.  
SWD 2-28A2

10. FIELD AND POOL, OR WILDCAT  
Bluebell

11. SEC., T., S., M., OR BLE. AND SURVEY OR AREA  
28-1S-2W

12. COUNTY OR PARISH  
Duchesne

13. STATE  
Utah

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

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

(Other) Test Additional Sands

(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.)\*

See Attached Procedure.

APPROVED BY THE DIVISION OF  
OIL, GAS, AND MINING  
DATE July 26, 1976  
BY: R. L. Crum



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

SIGNED R. L. Crum TITLE Petroleum Engineer DATE 7-12-76  
R. L. Crum

(This space for Federal or State office use)

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

## Instructions

**General:** This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

**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 17:** Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

cc: Shell Oil Company, P. O. Box 831, Houston, TX 77001  
Chevron Oil Company, P. O. Box 599, Denver, Colorado 80201

O. ANDERSON 2-28A2

SWD WELL

TEST ADDITIONAL SANDS

- 1) MIRU. Workover Rig. Remove injection head and install BOP.
- 2) POH w/Baker Model E Retrievable Cementer and 2 7/8" tubing.
- 3) PU & RIH w/Retrievable Bridge Plug and Cementer. Set BP at approximately 2,450'. Pressure test to ensure no communication POH w/2 7/8" tbg and Cementer.
- 4) RU Dresser Atlas. Test lubricator to 2000 psi. Jet perf w/2 HPF using 4" OD Dresser Atlas "Golden Jet" casing gun w/27 gram charges from 2072-2074'. Measurements per Dresser Atlas compensated Densilog dated 12-6-74 as correlated to Dresser Atlas GR-CCL log.
- 5) PU & RIH w/retrievable cementer and set at approximately 2,050'. Swab test. Should swab sufficient uncontaminated formation fluid for samples for Utah Oil and Gas Commission representative and a sample to be analyzed by the Ute Lab.
- 6) If the zone is too fresh to be accepted squeeze procedure will be provided. If it is acceptable, perforate additional zones per attached sheet as in Step A. Swab test as before.
- 7) If the perforations have to be squeezed it will be necessary to drill out any excess cement and run a casing scraper.
- 8) After cleaning out it will be necessary to test the zone from 2256-2258', perforated as in Step A and swab as in Step 5. If acceptable perforated remaining zones on attached sheet. If too fresh squeeze procedure will be provided. Workover will be finished and injection resumed in present zones from 2506-3330'.
- 9) If testing is successful stimulation will be provided.

R. L. Crum

Approved HSS Date 7-7-76

Approved \_\_\_\_\_ Date \_\_\_\_\_

cc: WRM(3), JAL, FRM, CLM, RLC, JDR, MFB (2), Well File, HSS (original)

Casper, Wyoming  
July 7, 1976

ADDITIONAL SANDS TO BE TESTED

2398-2404 (6')  
2383-2388 (5')  
2370-2376 (6')  
2352-2354 (2')  
2334-2342 (8')  
2310-2324 (14')

2300-2306 (6')  
\*2254-2279 (25')  
2210-2221 (11')  
2172-2176 (4')  
2148-2162 (14')  
\*2070-2086 (16')

117 feet  
234 holes  
12 intervals.

\* Total footage for the two sands that may be tested.  
Testing 2 foot intervals necessary to reduce repeated squeezing if they  
are too fresh.

O. ANDERSON #2-2812 SWD

H = 10.5' (KB = 5729')

495' 9 5/8" OD 36# K-55 BTD ST+C

2 7/8" OD 6.5# H-80 +bg.

2453' Baker Model E Retrivable Cementer

2521'-12' (56')

2650'-55' (10')

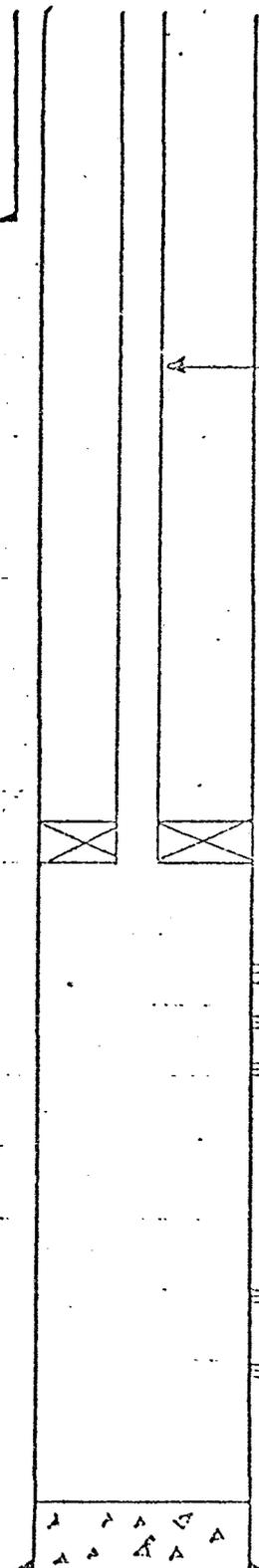
2655'-95" (10')

3145'-68' (20')

3310'-30' (20')

3550' PBD

3554' 7" OD 26# K-55



All measurements are from KB

# Gulf Energy and Minerals Company - U. S.

PRODUCTION DEPARTMENT  
CASPER AREA OFFICE

J. D. Richards  
AREA PRODUCTION MANAGER

P. O. Box 2619  
Casper, Wyoming 82601

August 30, 1976



Mr. Patrick Driscoll  
Utah Natural Resources  
1588 West North Temple  
Salt Lake City, Utah 84116

Dear Mr. Driscoll,

Enclosed are the water analysis you requested Mr. Errol Glaze of Gulf Energy and Minerals in Roosevelt to submit. Sample number W-3419 was from the zone 2072' - 2074' which was cement squeezed. Sample number W-3434 was from 2256' - 2258'. Sample number W-3355 was taken from the salt water gathering tanks on location.

If any further information is required, please notify us.

Very truly yours,

J. D. Richards

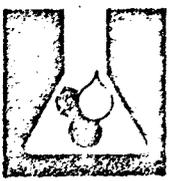
RLC/djj

*O.K. Composite  
Note: disposal  
and formation water  
of zone opened is  
16,400 PPM*

CIRCULATE TO:  
DIRECTOR  
PETROLEUM ENGINEER  
MINE COORDINATOR  
ADMINISTRATIVE ASSISTANT  
ALL

RETURN TO Kathy  
FOR FILING





# LITE RESEARCH LABORATORIES

P O Box 119

Fort Duchesne, Utah 84026

(801) 722-2254

LABORATORY NUMBER W-1648  
 SAMPLE TAKEN 12-11-74  
 SAMPLE RECEIVED 12-11-74  
 RESULTS REPORTED 12-11-74

SAMPLE DESCRIPTION \_\_\_\_\_ FIELD NO. \_\_\_\_\_  
 COMPANY GULF OIL LEASE Bluebell WWD System WELL NO. 2-28-A2  
 FIELD Bluebell COUNTY Duchesne STATE Utah SWD  
 SAMPLE TAKEN FROM \_\_\_\_\_  
 PRODUCING FORMATION 2506-2698 TOP \_\_\_\_\_  
 REMARKS \_\_\_\_\_

SAMPLE TAKEN BY John Wilaby (sp)

## CHEMICAL AND PHYSICAL PROPERTIES

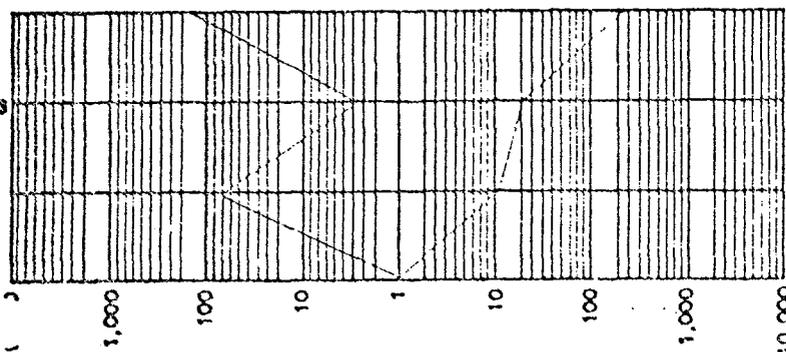
SPECIFIC GRAVITY @60/60° F. 1.007 pH 8.0 RES. 0.52 OHM METERS @ 77° F

TOTAL HARDNESS Mg/L as CaCO<sub>3</sub> 1687.76 TOTAL ALKALINITY Mg/L as CaCO<sub>3</sub> 241

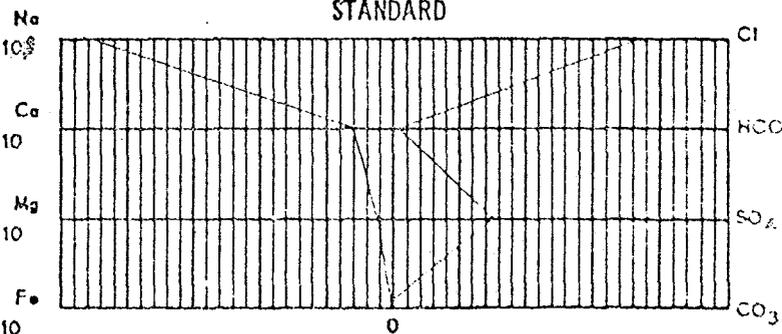
CONSTITUENT	MILLIGRAMS PER LITER Mg/L.	MILLEQUIVALENTS PER LITER MEQ/L		REMARKS
CALCIUM - Ca ++	473.0	23.65		
MAGNESIUM - Mg ++	123.0	10.08		
SODIUM - Na +	5281.0	229.60		
BARIUM (INCL. STRONTIUM) - Ba ++	8.30	0.12		
TOTAL IRON - Fe ++ AND Fe +++	0.20	0.01	263.46	
BICARBONATE - HCO <sub>3</sub> <sup>-</sup>	241	3.95		
CARBONATE - CO <sub>3</sub> <sup>--</sup>	0	0		
SULFATE - SO <sub>4</sub> <sup>--</sup>	3600	75		
CHLORIDE - CL <sup>-</sup>	6550.0	184.51	263.46	
TOTAL DISSOLVED SOLIDS	14360			

MILLEQUIVALENTS PER LITER

LOGARITHMIC

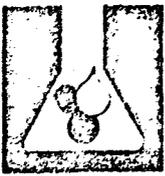


STANDARD



ANALYST \_\_\_\_\_

CHECKED \_\_\_\_\_



# ELITE RESEARCH LABORATORIES

P O Box 119

Fort Duchesne, Utah 84026

(801) 722-2254

LABORATORY NUMBER W-1640  
 SAMPLE TAKEN 12-10-74  
 SAMPLE RECEIVED 12-10-74  
 RESULTS REPORTED 12-11-74

SAMPLE DESCRIPTION \_\_\_\_\_ FIELD NO. \_\_\_\_\_  
 COMPANY GULF OIL COMPANY LEASE SWD System Bluebell Field WELL NO. 2-28A2  
 FIELD Bluebell COUNTY Duchesne STATE Utah  
 SAMPLE TAKEN FROM \_\_\_\_\_  
 PRODUCING FORMATION 3310-333 3148-3168 TOP \_\_\_\_\_  
 REMARKS Swabbed Sample  
taken D400-0500

SAMPLE TAKEN BY F. R. Matthews

## CHEMICAL AND PHYSICAL PROPERTIES

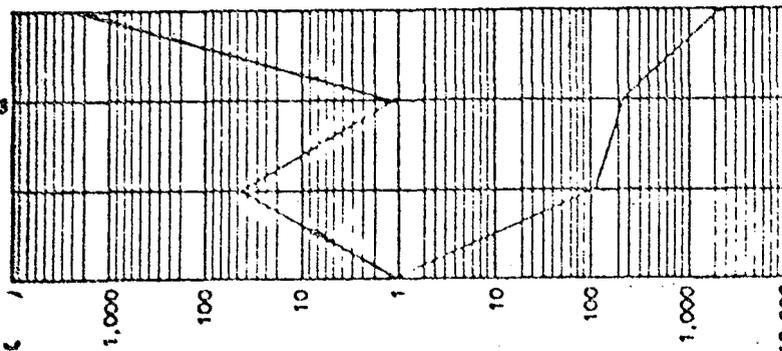
SPECIFIC GRAVITY @60/60° F. 1.060 pH 6.94 RES. 0.08 OHM METERS @ 77° F

TOTAL HARDNESS Mg/L as CaCO<sub>3</sub> 17136.0 TOTAL ALKALINITY Mg/L as CaCO<sub>3</sub> 32

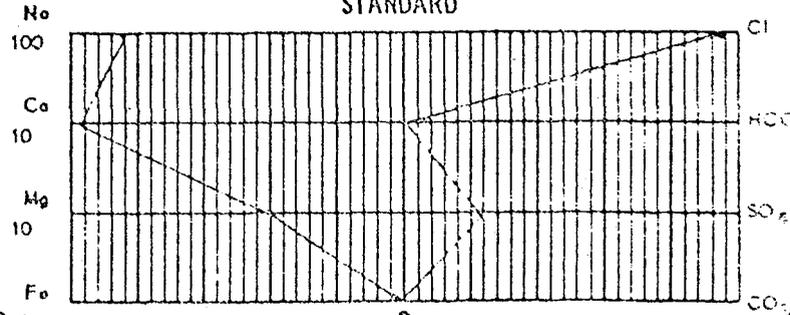
CONSTITUENT	MILLIGRAMS PER LITER Mg/L.	MILLEQUIVALENTS PER LITER MEQ/L	REMARKS
CALCIUM - Ca ++	4800.0	240.00	
MAGNESIUM - Mg ++	1250.0	102.46	
SODIUM - Na +	48432.0	2105.76	
BARIUM (INCL. STRONTIUM) - Ba ++	0.85	0.01	
TOTAL IRON - Fe ++ AND Fe +++	2.75	0.10	2448.33
BICARBONATE - HCO <sub>3</sub> <sup>-</sup>	32	0.52	
CARBONATE - CO <sub>3</sub> <sup>--</sup>	0	0	
SULFATE - SO <sub>4</sub> <sup>--</sup>	2611	54.40	
CHLORIDE - CL <sup>-</sup>	84966.0	2393.4	2448.33
TOTAL DISSOLVED SOLIDS	153840.0		

MILLEQUIVALENTS PER LITER

LOGARITHMIC



STANDARD



ANALYST \_\_\_\_\_



# LITE RESEARCH LABORATORIES

P.O. Box 119

Fort Duchesne, Utah 84026

(801) 722-2254

LABORATORY NUMBER W-3355  
 SAMPLE TAKEN 7/16/76  
 SAMPLE RECEIVED 7/16/76  
 RESULTS REPORTED \_\_\_\_\_

SAMPLE DESCRIPTION \_\_\_\_\_ FIELD NO. 2-28A2  
 COMPANY Gulf Oil Company LEASE \_\_\_\_\_ WELL NO. \_\_\_\_\_  
 FIELD \_\_\_\_\_ COUNTY \_\_\_\_\_ STATE \_\_\_\_\_  
 SAMPLE TAKEN FROM Owen Anderson 2-28A2 SWD  
 PRODUCING FORMATION \_\_\_\_\_ TOP \_\_\_\_\_  
 REMARKS Salt water disposal well  
Stock Tanks  
 SAMPLE TAKEN BY \_\_\_\_\_

### CHEMICAL AND PHYSICAL PROPERTIES

SPECIFIC GRAVITY @60/60° F. 1.0037 pH 8.05 RES. 0.86 OHM METERS @ 77° F

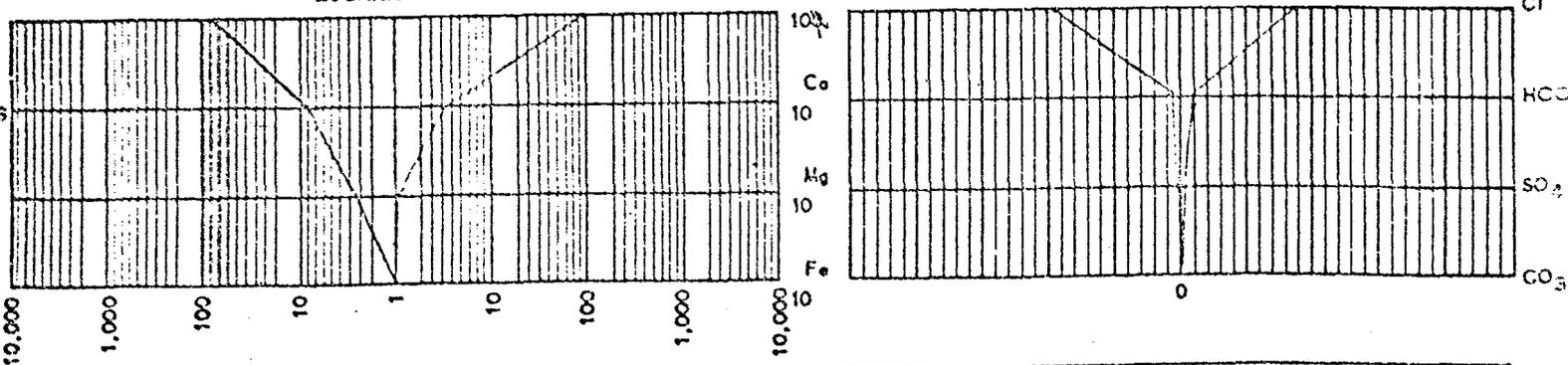
TOTAL HARDNESS 251.2 mg/L as CaCO<sub>3</sub> TOTAL ALKALINITY 926.4 mg/L as CaCO<sub>3</sub>

CONSTITUENT	MILLIGRAMS PER LITER mg/L	MILLEQUIVALENTS PER LITER MEQ/L	REMARKS
CALCIUM - Ca <sup>++</sup>	86.7	4.34	
MAGNESIUM - Mg <sup>++</sup>	8.35	0.68	
SODIUM - Na <sup>+</sup>	2200.0	95.65	
BARIUM (INCL. STRONTIUM) - Ba <sup>++</sup>	0	0	
TOTAL IRON - Fe <sup>++</sup> AND Fe <sup>+++</sup>	0.14	0.01	100.68
BICARBONATE - HCO <sub>3</sub> <sup>-</sup>	565.2	9.27	
CARBONATE - CO <sub>3</sub> <sup>--</sup>	0	0	
SULFATE - SO <sub>4</sub> <sup>--</sup>	183.6	3.83	
CHLORIDE - CL <sup>-</sup>	3123.75	87.99	101.1
TOTAL DISSOLVED SOLIDS	6,934.0		

### MILLEQUIVALENTS PER LITER

LOGARITHMIC

STANDARD



ANALYST \_\_\_\_\_



# LITE RESEARCH LABORATORIES

P.O. Box 119

Fort Duchesne, Utah 84026

(801) 722-2254

LABORATORY NUMBER W-3434  
 SAMPLE TAKEN \_\_\_\_\_  
 SAMPLE RECEIVED \_\_\_\_\_  
 RESULTS REPORTED \_\_\_\_\_

SAMPLE DESCRIPTION \_\_\_\_\_ FIELD NO. 2-28A2  
 COMPANY R Gulf Oil Company LEASE \_\_\_\_\_ WELL NO. \_\_\_\_\_  
 FIELD \_\_\_\_\_ COUNTY \_\_\_\_\_ STATE \_\_\_\_\_  
 SAMPLE TAKEN FROM O Anderson S.W.D. 2256' - 2258'  
 PRODUCING FORMATION \_\_\_\_\_ TOP \_\_\_\_\_  
 REMARKS \_\_\_\_\_

SAMPLE TAKEN BY \_\_\_\_\_

## CHEMICAL AND PHYSICAL PROPERTIES

SPECIFIC GRAVITY @60/60° F. 1.0231 pH 8.32 RES. 0.45 OHM METERS @ 77°F

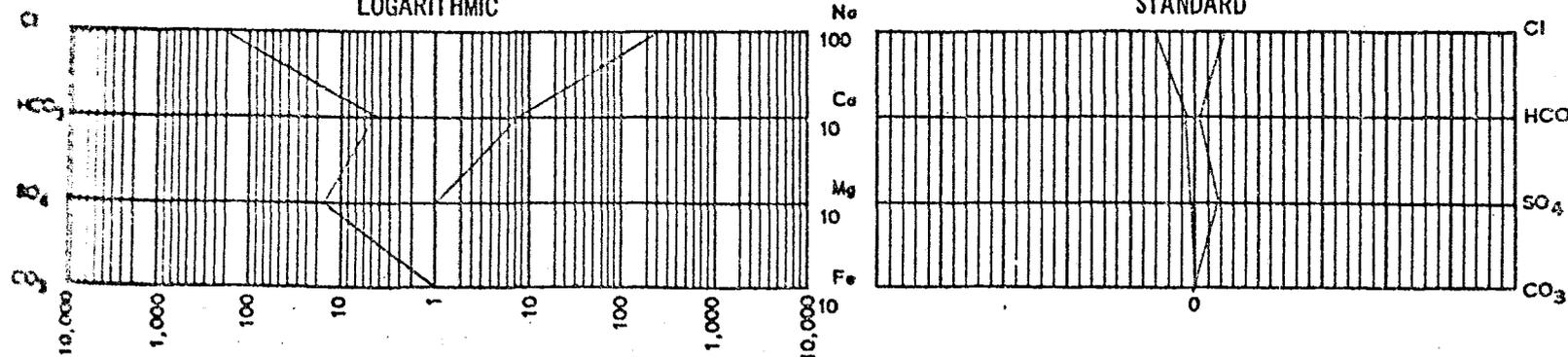
TOTAL HARDNESS 466.8 mg/L as CaCO<sub>3</sub> TOTAL ALKALINITY 510.0 mg/L as CaCO<sub>3</sub>

CONSTITUENT	MILLIGRAMS PER LITER mg/L.	MILLEQUIVALENTS PER LITER MEQ/L		REMARKS
CALCIUM - Ca ++	170.0	8.50		
MAGNESIUM - Mg ++	9.76	0.80		
SODIUM - Na +	7,000.0	304.35		
BARIUM (INCL. STRONTIUM) - Ba ++	0	0		
TOTAL IRON - Fe++ AND Fe+++	1.2	0.04	313.69	
BICARBONATE - HCO <sub>3</sub> <sup>-</sup>	306.3	5.02		
CARBONATE - CO <sub>3</sub> <sup>--</sup>	0	0		
SULFATE - SO <sub>4</sub> <sup>--</sup>	840.0	17.50		
CHLORIDE - CL <sup>-</sup>	8046.8	226.67	249.19	
TOTAL DISSOLVED SOLIDS	16,400			

MILLEQUIVALENTS PER LITER

LOGARITHMIC

STANDARD



ANALYST \_\_\_\_\_

CHECKED \_\_\_\_\_

# UTE RESEARCH LABORATORIES

40 North 400 West  
SALT LAKE CITY, UTAH 84103  
Telephone (801) 359-3252

P. O. Box 119  
FT. DUCHESNE, UTAH 84026  
Telephone (801) 722-2254

## Certificate of Analysis

Date: August 12, 1976

Client: Gulf Oil Company

Sample Number: W-3419  
Well # 2-28A2

Date received: August 9, 1976

Submitted by: Errol Glaze

Samples analyzed for:

### Results:

Total Dissolved Solids	3400.0	mg/l
Chloride 1st	1200.0	
2nd	1450.0	
3rd	1400.0	
Sulfate	740.0	mg/l

Remarks: Zone 2072' - 2074'

By \_\_\_\_\_

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

<b>1.</b> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Salt Water Disposal Well		<b>5. LEASE DESIGNATION AND SERIAL NO.</b> ---
<b>2. NAME OF OPERATOR</b> Gulf Oil Corporation		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</b> ---
<b>3. ADDRESS OF OPERATOR</b> P. O. Box 2619; Casper, WY 82602		<b>7. UNIT AGREEMENT NAME</b> ---
<b>4. LOCATION OF WELL</b> (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  2496' NSL & 1549' WEL (NW SE)		<b>8. FARM OR LEASE NAME</b> Bluebell Field Waste Water
<b>14. PERMIT NO.</b> ---		<b>9. WELL NO.</b> SWD 2-28A2
<b>15. ELEVATIONS</b> (Show whether DF, RT, GR, etc.) 5718' GL		<b>10. FIELD AND POOL, OR WILDCAT</b> Bluebell
		<b>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA</b>  28-1S-2W
		<b>12. COUNTY OR PARISH</b>   <b>13. STATE</b> Duchesne   Utah

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

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

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

See attached.

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

SIGNED R. L. Crum TITLE Petroleum Engineer DATE 8-31-76

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:

## Instructions

**General:** This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

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cc: Shell Oil Company  
P. O. Box 831  
Houston, TX 77001

Chevron Oil Company  
P. O. Box 599  
Denver, CO 80201

Make reports complete, such as description of casing . . . Show, as soon as known, name of contractor, type of rig, and kind of fuel . . .  
 In guide margin show casing (as, 7"), "Contractor," "Shot," "Acidized," etc.

GUIDE MARGIN	DATE	YEAR	A. F. E.	LEASE AND WELL
		1976	83324	OWEN ANDERSON 2-28A2 SWD

- 8/18/76 RU Dowell. Run injection tests as follows: 1 1/2 BPM at 500#-15 min, 2 1/2 BPM at 800#-15 min, 3 1/2 BPM at 900#-15 min, 5 BPM at 1250#-15 min, 8 BPM at 1700#-15 min, 3 1/2 BPM at 1000#-15 min. ISIP 600#-10 min SI 400#, 15 min SI 350#. WOO. Release packer. POOH w/2 7/8" tbg and packer. Ran Ret Head and wash sd off Lok-Set plug at 2445'. Release plug and POOH. Lost plug while POOH. SION.
- 8/19/76 Run Ret Head on 2 7/8" tbg. Found plug at 2,267'. Release plug. POOH w/plug. Ran Baker Full Bore Packer on 2 7/8" and 3 1/2" tbg. Remove BOP. Set Packer at 2,199' w/20,000# tension. Install well head. Rig dn. Tbg Tally: 2,205.49' btm of pipe, 6.00' Baker 7" OD X 2 7/8" Full Bore Packer Tension, 991.34', 32 jts tbg 2 7/8" OD 6.50# N-80 8Rd EUE, 1.00' X over 2 7/8" 8Rd X 3 1/2" 8Rd, 1,197.65', 39 jts tbg 3 1/2" OD 9.50# J55 8 Rd plastic coated, 9.50' Dist H.
- 8/20/76 Moved out rig. Connected well to wtr inj. Injected 1300 bbbls wtr at 350-400# inj pressure. DROP.



Make reports complete, such as description of casing . . . Show, as soon as known, name of contractor, type of rig, and kind of fuel . . .  
In guide margin show casing (as, 7"), "Contractor," "Shot," "Acidized," etc.

GUIDE MARGIN	DATE	YEAR 1976	A. F. E. 83324	LEASE AND WELL OWEN ANDERSON 2-28A2 SWD
--------------	------	-----------	----------------	---

BLUEBELL FIELD

Owen Anderson 2-28A2 SWD  
28-1S-2W, Duchesne Co., UT  
1.0000

- 8/6/76 Evaluate addl 117' of new sds for SWD. Gulf AFE 83324. MIRU compl rig. Remove well head and install BOP. Unseat pkr and POOH w/pkr and tbg. Well flwg wtr. SIP 1400#.
- 8/7/76 Ran Baker Model "C" BP and Ret Packer. BP set at 20' account of well flow. Release BP. POOH. Ran Baker Model A-2 Lok Set Packer w/on/off tool set at 2,445'. Ran Baker FSG blanking plug. POOH w/2 7/8" tbg.
- 8/8/76 Perf 2072-74' 2 JHPF. GIH w/Ret Packer set at 2,043'. Swab 21 1/2 bbls wtr.
- 8/9/76 Shut down for Sunday.
- 8/10/76 RU to swab well. Swab well to 2,000'. Swabbed 230 bbls wtr last sample checked 1400 ppm chlorides. Preparing to squeeze.
- 8/11/76 Release pkr. POOH w/2 7/8" OD tbg. LD pkr. GIH w/2 7/8" OD tbg. Spot 2 sxs sand on plug. POOH w/tbg. PU pkr. GIH and set pkr at 1,769'. RU HOWCO. Squeezed perfs at 2,072-74' w/50 sxs Kaiser Class "G" w/6/10% Halad-9 2% CaCl. Initial pump press 1000 psi at 4 1/2 BPM. Final squeeze press 1800 psi at 1/4 BPM. Shut down for 1/2 hrs. Press test 2000 psi for 5 min. Held OK. Release press and POOH w/2 7/8" OD tbg.
- 8/12/76 GIH w/Bit. Drill cement w/6" Bit and csg scraper from 1970' to 2074'. Circ pressure csg to 1600#. No leak off. POOH w/Bit. Rig up to perf.
- 8/13/76 Perf 2 HPF ~~2256-58'~~. Ran Baker Lok-Set Full Bore packer set at 2229'. Swab 150 bbls wtr. Release packer and POOH. Wtr tested 7500 ppm chlorides.
- 8/14/76 Perf gun would not go below 2,387'. GIH w/6" bit and casing scraper on 2 7/8" tubing to 2,437'. Circ. POOH. Casing jet per 2 HPF 2398'-~~2394'~~, 2383-88', 2370-76', 2352-54', 2334-42', 2310-24', 2300-06', 2254-79', 72' 144 holes. Ran Baker Full Bore packer on 2 7/8" tbg. Set packer at 2229'. Swab 10 BW.
- 8/15/76 Swab 220 BW. Swab to 2200'. FL near surface. Rig up HOWCO pump. Injection test 250# at 1 1/2 BPM up to 1275# after 10 min. 1275# at 1 1/2 BPM 15 min, 1300# at 2 1/2 BPM 15 min, 1600# at 3 1/2 BPM 15 min. Shut down 1/2 hrs press dropped to 200#. 1750# at 5 BPM 15 min, 2000# at 8 BPM 5 min, 1300# at 3 1/2 BPM 10 min. Shut down 1/2 hrs press dropped to 200#.
- 8/16/76 Shut down for Sunday.
- 8/17/76 Rig up Dowell and acidize dn 2 7/8" OD tbg w/10,000 gal 3% HF1, 12% HCl. Initial pump press 2100#. Drop 150 ball sealers 1 every 1 1/2 bbls. Press increased to 2200# at end of treatment. ISIP 800#. 5 min SI 550#. 15 min SI 450#. AIR 10 BPM. Flowed well back. Rec 240 bbls load and acid water and 20 bbls formation wtr.

CIRCULATE TO:

DIRECTOR  
PETROLEUM ENGINEER  
MINE COORDINATOR  
ADMINISTRATIVE ASSISTANT  
ALL

[initials]

RETURN TO Kathy  
FOR FILING

August 10, 1976

MEMO FOR FILING:

Re: Gulf Oil Corp.  
Bluebell SWD #2-28A2  
Sec. 28, T. 1 S, R. 2 W  
Duchesne Co., Utah

A telephonic communication was received on August 3, 1976, from Gulf Oil Corp. to the effect they were moving in a workover rig in order to complete the previously approved work.

Essentially, it will involve opening three additional zones in the permitted disposal strata. Each of these results will be individually tested, except, if the first zone under consideration accepts a sufficient amount of water. In that case, only the one zone will be opened and the other two will remain behind until such time as they are deemed economically feasible.

PATRICK L. DRISCOLL  
CHIEF PETROLEUM ENGINEER

PLD/tlb

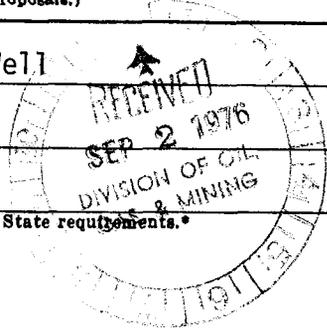
cc: U.S. Geological Survey

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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



1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Salt Water Disposal Well		5. LEASE DESIGNATION AND SERIAL NO. ---
2. NAME OF OPERATOR Gulf Oil Corporation		6. IF INDIAN, ALLOTTEE OR TRIBE NAME ---
3. ADDRESS OF OPERATOR P. O. Box 2619; Casper, WY 82602		7. UNIT AGREEMENT NAME ---
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface  2496' NSL & 1549' WEL (NW SE)		8. FARM OR LEASE NAME Bluebell Field Waste Water
14. PERMIT NO. ---		9. WELL NO. SWD 2-28A2
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5718' GL		10. FIELD AND POOL, OR WILDCAT Bluebell
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 28-1S-2W
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

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

NOTICE OF INTENTION TO:

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

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <u>Tested Additional Sands</u> <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.)\*

See attached.

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

SIGNED R. L. Crum TITLE Petroleum Engineer DATE 8-31-76  
 (This space for Federal or State office use)

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

## Instructions

**General:** This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

**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 17:** Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

cc: Shell Oil Company  
P. O. Box 831  
Houston, TX 77001

Chevron Oil Company  
P. O. Box 599  
Denver, CO 80201

Make reports complete, such as description of casing . . . Show, as soon as known, name of contractor, type of rig, and kind of fuel . . .  
 In guide margin show casing (as, 7"), "Contractor," "Shot," "Acidized," etc.

GUIDE MARGIN	DATE	YEAR 1976	A. F. E. 83324	LEASE AND WELL OWEN ANDERSON 2-28A2 SWD
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BLUEBELL FIELD

Owen Anderson 2-28A2 SWD  
 28-1S-2W, Duchesne Co., UT  
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GUIDE MARGIN

DATE

YEAR

1976

A. F. E. 83324

LEASE AND WELL

OWEN ANDERSON 2-28A2 SWD

8/18/76 RU Dowell. Run injection tests as follows: 1 1/2 BPM at 500#-15 min, 2 1/2 BPM at 800#-15 min, 3 1/2 BPM at 900#-15 min, 5 BPM at 1250#-15 min, 8 BPM at 1700#-15 min, 3 1/2 BPM at 1000#-15 min. ISIP 600#-10 min SI 400#, 15 min SI 350#. WOO. Release packer. POOH w/2 7/8" tbg and packer. Ran Ret Head and wash sd off Lok-Set plug at 2445'. Release plug and POOH. Lost plug while POOH. SION.

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8/20/76 Moved out rig. Connected well to wtr inj. Injected 1300 bbls wtr at 350-400# inj pressure. DROP.

*Note:*  
 Final Analysis  
 By site Lab  
 indicates PAM  
 newly opened  
 injection zone

---

Composite analysis of  
 disposed water is slightly  
 over brown 11/22

CIRCULATE TO:

DIRECTOR  
PETROLEUM ENGINEER  
MINE COORDINATOR  
ADMINISTRATIVE ASSISTANT  
ALL

RETURN TO

K.O.  
FOR FILING  
Memos To File

July 8, 1977

Re: Saltwater Disposal Wells  
Greater Bluebell-Altamont Area

Gulf Oil Co.  
West Bluebell SDW  
Sec. 28, T. 1 S., R. 2 W.

There was no cumulative meter reading available at this location. A pressure recording device indicated the well had been disposing of water at slightly over 500 pounds psi. The general area needs cleaning up.

\* \* \*

Gulf Oil Co.  
Central Bluebell SDW  
Sec. 26, T. 1 S., R. 2 W.

This well did not have a pressure recorder present. The cumulative meter reading was 1,076,375 barrels. The overall general facility is in good condition.

\* \* \*

Chevron Oil Co.  
SDW #2-10B1  
Sec. 10, T. 2 S., R. 1 W.

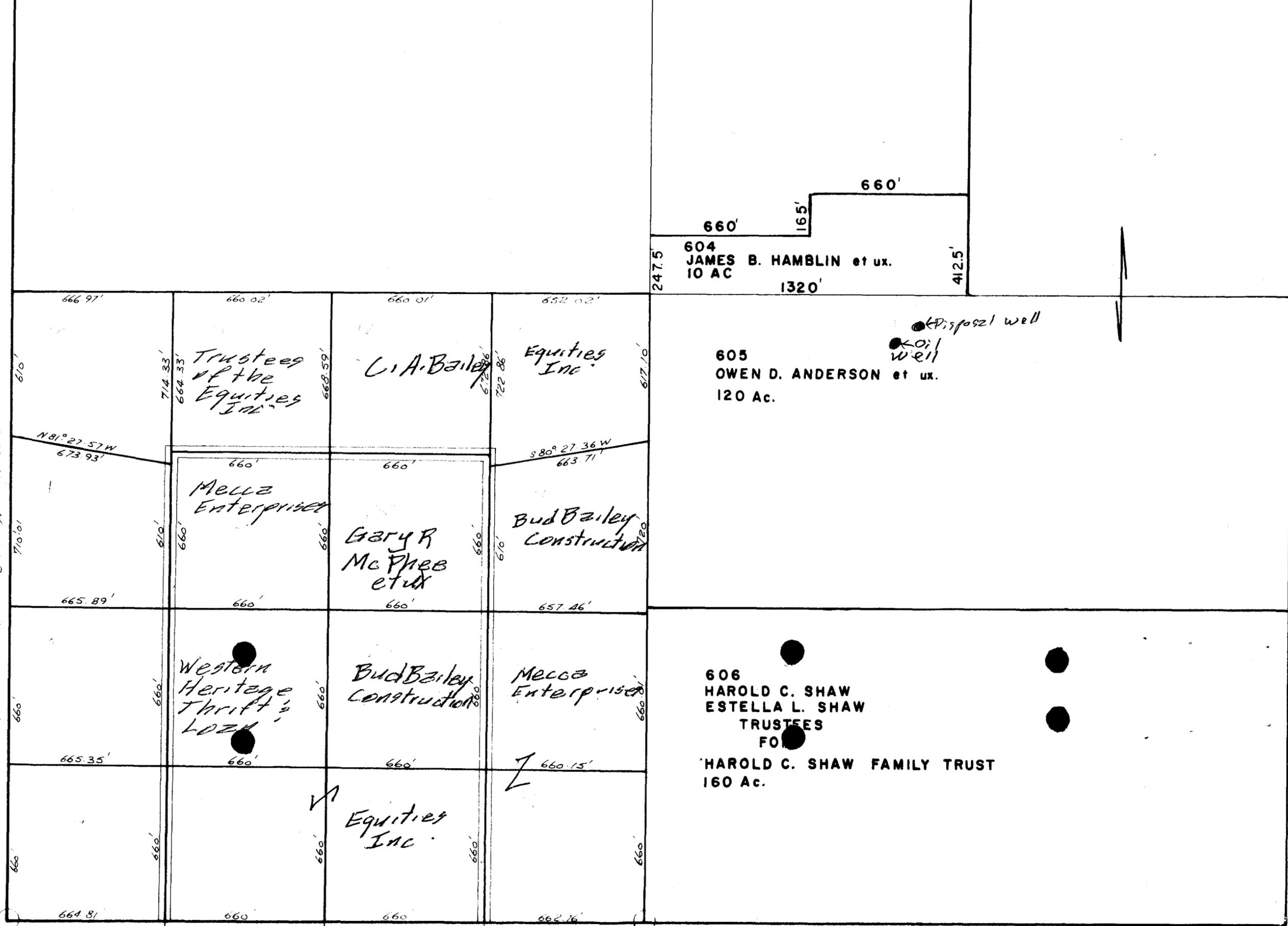
Several new facilities have been installed at this location, including new incoming well manifolds and new storage tanks. The general appearance has improved considerably.

At the time of the visit, water was being injected at 1,150 pounds psi. Cumulative meter reading was 589,681 barrels.

  
PATRICK L. DRISCOLL  
CHIEF PETROLEUM ENGINEER

PLD/src





Corner A to west of Road

See original plat for Sec. 605 position

See original plat for Sec. 606 position

SCALE: 1" = 400'

640 ACRES

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

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

State Lease No. ....  
Federal Lease No. ....  
Indian Lease No. ....  
Fee & Pat. ....



REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Duchesne FIELD/LEASE Bluebell

The following is a correct report of operations and production (including drilling and producing wells) for the month of June, 19 79.

Agent's Address P. O. Box 2619  
Casper, Wyoming 82601  
Phone No. 307-235-1311

Company Gulf Oil Corporation  
Signed Merle H. Wood  
Title Senior Clerk

Sec. and 1/4 of 1/4	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (if none, so state)	REMARKS (If drilling, depth of shut down date and result of test for contact of oil)
NE NW SE 28	1S	2W	2-28A2 SWD						56,096	barrels injected at an estimated average injection pressure of 1000

2 - Utah Oil & Gas Cons. Comm.  
1 - DeGolyer and MacNaughton

1 - GP  
1 - OC.  
2 - File

West Bluebell WWD System #2-28A2 SWD

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

OIL or CONDENSATE: (To be reported in Barrels)

On hand at beginning of month .....  
Produced during month .....  
Sold during month .....  
Unavoidably lost .....  
Reason: .....  
On hand at end of month .....

CUMULATIVE PRODUCTION:

     BO      BW      MCF



SCOTT M. MATHESON  
Governor

OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON  
Executive Director,  
NATURAL RESOURCES

STATE OF UTAH

CHARLES R. HENDERSON  
Chairman

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT  
Director

1588 West North Temple  
Salt Lake City, Utah 84116  
(801) 533-5771

JOHN L. BELL  
C. RAY JUVELIN  
THADIS W. BOX  
CONSTANCE K. LUNDBERG  
EDWARD T. BECK  
E. STEELE McINTYRE

TO: All Water Disposal Well  
Operators

DATE: September 30, 1980

FROM: CLEON B. FEIGHT

SUBJECT: Waste Water Disposal  
Well's

A recent survey of the WDW'S in the Uintah Basin was made and the following apparent deficiencies were noted:

(1) If a high-low pressure shut-off switch was installed, in most instances the high shut-off was far above the formation break-down pressure. Also, on many wells, a pressure chart or gauge for injection pressure had not been installed.

(At this point we'd like to remind all operators that one of the conditions for the utilization of WDW'S was the selection of 0.5/lb. square inch/ft. of depth as the overall formation fracture gradient).

(2) In numerous cases we were unable to determine the presence of a recording device or meter for daily volume injected. (This Division does not at this time specify the type of recording device to be utilized, however, in the case of continued absence of any recorder, it shall and will be the prerogative of the Division to shut the WDW in until such time a working recording device is installed).

(3) Housekeeping in many areas is totally inadequate, and results in unnecessary pollution.

(4) Well identification signs were missing on several locations.

This Division would appreciate if all operators would take immediate steps to put these wells in proper operating order no later than October 30, 1980.

Due to the recent adoption of Rules & Regulations for underground injection of produced water, as well as secondary recovery, etc. by the EPA, a representative from said agency will accompany a member of this Division on our November inspection.

Memo  
September 30, 1980  
Page Two

So at this time we ask and hope that these wells be in First Class condition.

THANK YOU

DIVISION OF OIL, GAS AND MINING

*Cleon B. Feight*  
CLEON B. FEIGHT  
DIRECTOR

CBF/bjh

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
4241 State Office Building  
Salt Lake City, Utah 84114

WELL INTEGRITY REPORT  
\*\*\*\*\*

DATE: 6-23-83 COMPANY/OPERATOR Gulf Oil

Water Disposal Well  Enhanced Recovery Well  Other

API Well Number 43-112-30344 Field Name Bluebell

SEC. 28 TOWNSHIP 15 RANGE 2W WELL NAME/NUMBER 1-28A2

Lease Name/Number \_\_\_\_\_ Location NE 1/4 of SE 1/4 COUNTY: Cook

\*\*\*

INITIAL CONDITIONS:

Long string Rate/Pressure: \_\_\_\_\_ bw/d 225 psi

Short String Rate/Pressure: N/A bw/d N/A psi

Csg-tbg Annulus Pressure: 0 psi

CONDITIONS DURING TEST:

Long string Pressure: 225 psi 11 Minutes Time: 9:14 to 9:25

Short string Pressure N/A psi N/A Minutes

Csg-tbg Annulus Pressure \* 1050 psi \*\* 1,000 psi

Amount of water added to annulus: \_\_\_\_\_ bbls

AFTER ANNULUS BLEED OFF:

Long string Pressure: 500 psi

Short string Pressure: N/A psi

Csg-tbg Annulus Pressure: 0 psi

REMARKS: \* Pressure dropped 25 psi in 2 minutes &

within 6 min, it bled down to 1,000 psi -

which was due to a leak in the pack-off.

\*\* Pressure held @ 1,000 psi for 11 minutes.

Test looks good.

Van Jensen & Lee, Mechan  
Operator Representative (Name)

Shahin Patel  
UIC FIELD INSPECTOR (Witness)

UIC FIELD INSPECTOR (Witness)



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Dr. G. A. (Jim) Shirazi, Division Director

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

June 29, 1983

Mr. R.Y. Arnold  
Gulf Oil Expl. & Prod.  
Box 1450  
Roosevelt, UT 84066

Re: Well No's. 1-28A2,  
1-26A2 & 1-17C5

Dear Mr. Arnold,

Please find enclosed copies of the Well Integrity Reports relative to the pressure tests performed on 6-23-83, on the above mentioned wells.

All tests appear to be good, and I would like to express our appreciation for the cooperation and help provided by Mr. Van Jensen and Mr. Lee Mecham.

If you have any questions relative to the above, please do not hesitate to call or write.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

A handwritten signature in cursive script, appearing to read 'Thalia R. Pratt'.

THALIA R. PRATT  
UIC SPECIALIST

TRP/tp

Enclosures: Copies of Well Integrity Reports

Water being injected into  
West Bluebell WWD #2-28A2



# REPORT OF WATER ANALYSIS

Company **GULF**

Date **9/21/83**  
Analysis No.  
Sampling Date **9/21/83**  
Date Sample Rec'd. **9/21/83**

Sample Marked **OWEN- ANDERSON**

### DISSOLVED SOLIDS

#### Cations

Sodium, Na (Calc.) .....  
Calcium, Ca .....  
Magnesium, Mg .....  
Barium, Ba .....

mg/l	mg/l
3220	140
85	4.0
28	2.0

### RESULTS AS COMPOUNDS

	mg/l
as NaCl .....	
as CaCO <sub>3</sub> .....	213
as CaCO <sub>3</sub> .....	117
as BaSO <sub>4</sub> .....	

Cations Total ..... **3333**      **146**

#### Anions

Chloride, Cl .....  
Sulfate, SO<sub>4</sub> .....  
Carbonate, CO<sub>3</sub> .....  
Bicarbonate, HCO<sub>3</sub> .....

	mg/l
4006	113
189	4.0
21	-
1781	29

as NaCl .....	6600
as Na <sub>2</sub> SO <sub>4</sub> .....	280
as CaCO <sub>3</sub> .....	35
as CaCO <sub>3</sub> .....	1460

Anions Total ..... **5997**      **146**

Total Dissolved Solids (Calc.) ...

**9330**

Total Iron, Fe .....  
Acidity to Phenolphthalein, CO<sub>2</sub> ..

**0.2**  
**0.0**

as Fe .....	0.2
as CaCO <sub>3</sub> .....	0.0

### OTHER PROPERTIES

pH .....  
Specific Gravity .....  
Turbidity (JTU) .....

**8.5**

### CaCO<sub>3</sub> STABILITY INDEX

@ 70° F.  
@ 120° F.  
@ 160° F.  
Method of Stiff & Davis

Remarks:

**NALCO CHEMICAL COMPANY**  
**VISCO CHEMICALS**

P. O. BOX 817 • SUGAR LAND, TEXAS 77478

STATE OF UTAH  
 DIVISION OF OIL, GAS, AND MINING  
 ROOM 4241 STATE OFFICE BUILDING  
 SALT LAKE CITY, UTAH 84114  
 (801) 533-5771  
 (RULE I-5 & RULE I-4)

FORM NO. DOGM-UIC-1  
 (Revised 1982)

IN THE MATTER OF THE APPLICATION OF  
Gulf Oil Corporation  
 ADDRESS P. O. Box 2619  
Casper, Wyoming ZIP 82602  
 INDIVIDUAL        PARTNERSHIP        CORPORATION X  
 FOR ADMINISTRATIVE APPROVAL TO DISPOSE OR  
 INJECT FLUID INTO THE W. Bluebell WWD WELL  
 SEC. 28 TWP. 1S RANGE 2W  
Duchesne COUNTY, UTAH

CAUSE NO. \_\_\_\_\_

ENHANCED RECOVERY INJ. WELL	<input type="checkbox"/>
DISPOSAL WELL	<input checked="" type="checkbox"/>
LP GAS STORAGE	<input type="checkbox"/>
EXISTING WELL (RULE I-4)	<input checked="" type="checkbox"/>

APPLICATION

- Comes now the applicant and shows the Corporation Commission the following:
1. That Rule i-5 (g) (iv) authorizes administrative approval of enhanced recovery injections, disposal or LP Gas storage operations.
  2. That the applicant submits the following information.

Lease Name <u>West Bluebell WWD</u>	Well No. <u>2-28A2</u>	Field <u>Bluebell</u>	County <u>Duchesne</u>
Location of Enhanced Recovery Injection or Disposal Well <u>NE NW SE</u> Sec. <u>28</u> Twp. <u>1S</u> Rge. <u>2W</u>			
New Well To Be Drilled Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Old Well To Be Converted Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Casing Test Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Date <u>06/23/83</u>	
Depth-Base Lowest Known Fresh Water Within 1/2 Mile <u>228</u>	Does Injection Zone Contain Oil-Gas-Fresh Water Within 1/2 Mile YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		State What
Location of Injection Source(s) <u>Bluebell Field Produced Water</u>	Geologic Name(s) <u>Green River and Wasatch</u> and Depth of Source(s) <u>10565 to 14671</u>		
Geologic Name of Injection Zone <u>Uintah</u>	Depth of Injection Interval <u>2254</u> to <u>3330</u>		
a. Top of the Perforated Interval: <u>2254</u>	b. Base of Fresh Water: <u>2054</u>	c. Intervening Thickness (a minus b) <u>200</u>	
Is the intervening thickness sufficient to show fresh water will be protected without additional data? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>			
Lithology of Intervening Zones			
Injection Rates and Pressures Maximum <u>N/A</u> B/D <u>1500</u> PSI			
The Names and Addresses of Those to Whom Notice of Application Should be Sent.			
<u>See attached plat</u>			

State of Wyoming )  
 County of Natrona )

D. F. McHugo  
 Applicant

Before me, the undersigned authority, on this day personally appeared D. F. McHugo, Production Engineer known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Suscribed and sworn to before me this 23rd day of September, 1983

SEAL  
 My commission expires 03/16/86

Bette P. Hergenraeder  
 Notary Public  
 County of Natrona State of Wyoming  
 Notary Public in and for Natrona County, Wyoming  
 My Commission Expires March 16, 1986

(OVER)

INSTRUCTIONS

1. Attach qualitative and quantitative analysis of representative sample of water to be injected and a qualitative and quantitative analysis of the injection formation of water.
2. Attach plat showing subject well and all known oil and gas wells, abandoned, drilling and dry holes within one-half mile, together and with the name of the operator(s).
3. Attach Drillers Log (Form DOGM-UIC-2). (Appropriate Surety must be on file with Conservation Division or appropriate government agencies.)
4. Attach Electric or Radioactivity Log of Subject well (if released).
5. Attach schematic drawing of subsurface facilities including; Size, setting depth, amount of cement used measured or calculated tops of cement surface, intermediate (if any) and production casings; size and setting depth of tubing; type and setting depth of packer; geologic name of injection zone showing top and bottom of injection interval.
6. If the application is for a NEW well the original and six (6) copies of the application and three (3) complete sets of attachments shall be mailed to the Division. For EXISTING well applications (Rule I-4) only ONE copy of the application and ONE complete set of attachments are required to be mailed to the Division.
7. The Division is required to send notice of application to the surface owner of the land within one-half mile of the injection well and to each operator of a producing leasehole within one-half mile of the injection well. List all required names and addresses in the appropriate space provided on the front of this form.
8. Notice that an application has been filed shall be published by the Division in a newspaper of general circulation in the county of publication before the application is approved. The notice shall include the name and address of applicant, location of proposed injection or disposal well, injection zone, injection pressure and volume. If no written objection is received within 15 days from date of publication the application may be approved administratively.
9. A well shall not be used for injection or disposal unless completed machine accounting Form DOGM-UIC-3b is filed by January 31st each year.
10. Approval of this application, if granted, is valid only as long as there is no substantial change in the operations set forth in the application. A substantial operation change requires the approval of a new application.
11. If there is less intervening thickness required by Rule I-5 (b) 4, attach sworn evidence and data.
12. For enhanced recovery projects, information required by Rule I-4 which is common to more than one well, need be reported only once on the application.

CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
Surface	9 5/8"	495	300	Surface	Circ. Cmt. to Surf.
Intermediate					
Production	7"	3484	845	646	Temp. Survey
Tubing	2 7/8" & 3 1/2"	2199	Name - Type - Depth of Tubing Packer		
<b>Total Depth</b> 3500	<b>Geologic Name - Inj. Zone</b> Uinta and Duchesne River		<b>Depth - Top of Inj. Interval</b> 2054	<b>Depth - Base of Inj. Interval</b> 3330	

offset Ocean Park 1-28A2

10 3/4 2927' 1350 SX

7 5/8 11290' hole 9 7/8 684 SX

Count tp 7 5/8 = 7536.8

PLEASE TYPE OR USE BLACK INK ONLY

(To be filed within 30 days after drilling is completed)

DEPARTMENT OF NATURAL RESOURCES AND ENERGY

DIVISION OF OIL, GAS, AND MINING  
Room 4241 State Office Building  
Salt Lake City, Utah 84114

COUNTY  
LEASE NO.

API NO. 43-013-30346  
640 Acres  
N


S  
Locate Well Correctly  
and Outline Lease

COUNTY Duchesne SEC. 28 TWP. 1S RGE. 2W  
COMPANY OPERATING Gulf Oil Corporation  
OFFICE ADDRESS P. O. Box 2619  
TOWN Casper STATE ZIP WY 82602  
FARM NAME W. Bluebell WWD WELL NO. 2-28A2  
DRILLING STARTED 11/22 19 74 DRILLING FINISHED 12/05 19 74  
DATE OF FIRST PRODUCTION \_\_\_\_\_ COMPLETED \_\_\_\_\_  
WELL LOCATED NE  $\frac{1}{4}$  NW  $\frac{1}{4}$  SE  $\frac{1}{4}$   
2496 FT. FROM SL OF  $\frac{1}{4}$  SEC. & 1091 FT. FROM WL OF  $\frac{1}{4}$  SEC.  
ELEVATION DERRICK FLOOR 5728 $\frac{1}{2}$  GROUND 5718

TYPE COMPLETION

Single Zone X  
Multiple Zone \_\_\_\_\_  
Comingled \_\_\_\_\_

LOCATION EXCEPTION

OIL OR GAS ZONES

Name	From	To	Name	From	To
N/A					

CASING & CEMENT

Casing Set				Csg. Test	Cement		
Size	Wgt.	Grade	Feet	Psi	Sax	Fillup	Top
9 5/8"	36#	K-55	495	1000	300		Surface
7"	26#	K-55	3484		845		646

TOTAL DEPTH 3500

PACKERS SET  
DEPTH 2199

NOTE: THIS FORM MUST ALSO BE ATTACHED WHEN FILING PLUGGING FORM DOGM-UIC-6

COMPLETION & TEST DATA BY PRODUCING FORMATION

	1	2	3
FORMATION	Uinta	Duchesne River	
SPACING & SPACING ORDER NO.			
CLASSIFICATION (DISPOSAL WELL, ENHANCED RECOVERY, LP GAS STORAGE)	Disposal Well	Disposal Well	
PERFORATED	3310-30	2398-2404	2334-42
INTERVALS	3148-68	2383-88	2310-24
	2688-98	2370-76	2300-06
	2650-60	2352-54	2254-79
ACIDIZED?	2506-62 Yes	Yes	
FRACTURE TREATED?	No	No	

INITIAL TEST DATA

Date	N/A	N/A	
Oil, bbl./day			
Oil Gravity			
Gas, Cu. Ft./day	CF	CF	CF
Gas-Oil Ratio Cu. Ft./Bbl.			
Water-Bbl./day			
Pumping or Flowing			
CHOKE SIZE			
FLOW TUBING PRESSURE			

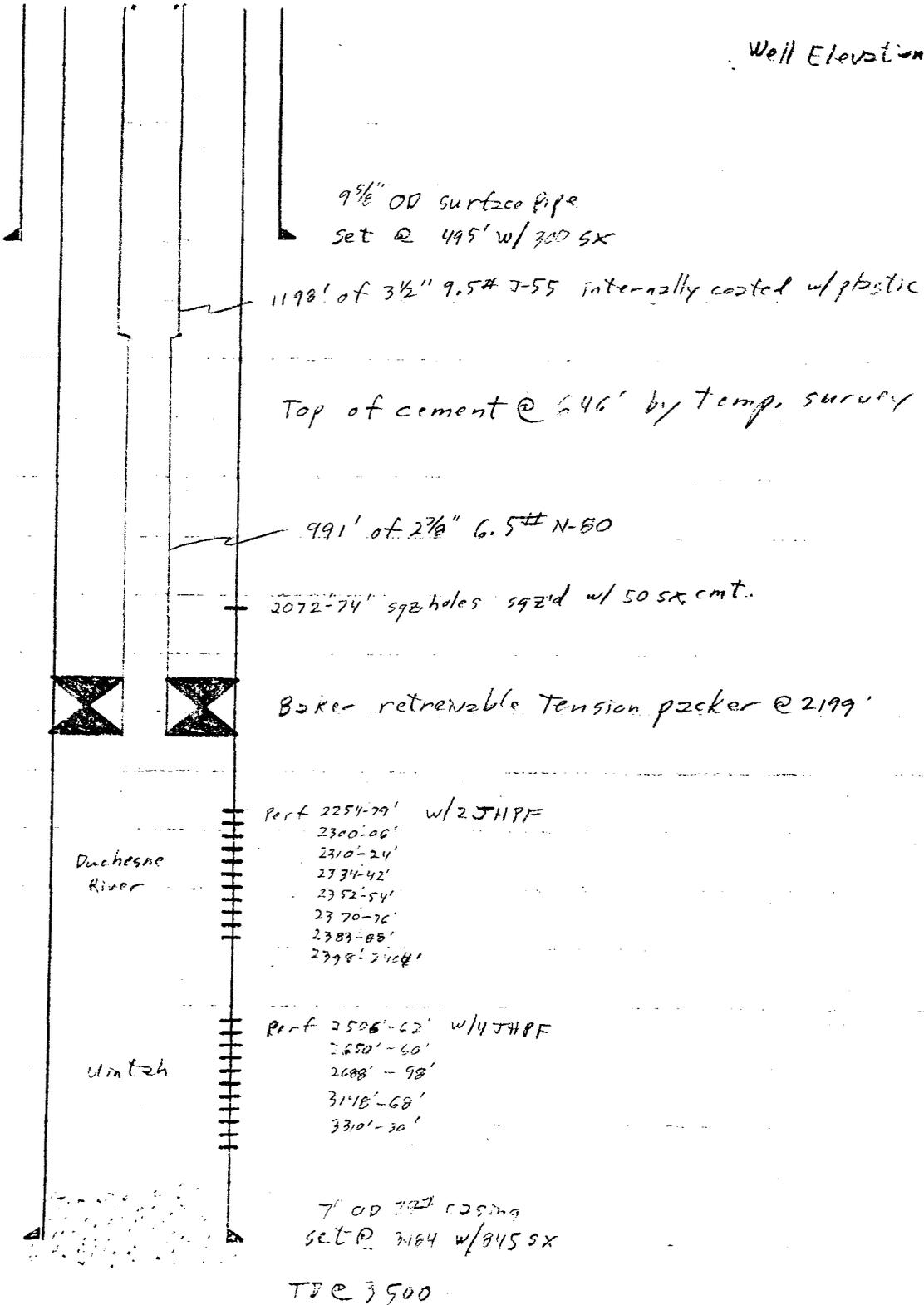
A record of the formations drilled through, and pertinent remarks are presented on the reverse.  
(use reverse side)

I, the undersigned, being first duly sworn upon oath, state that this well record is true, correct and complete according to the records of this office and to the best of my knowledge and belief.

Telephone (307) 235-1311 D. F. Mchugo  
Name and title of representative of company  
D. F. Mchugo, Production Engineer  
Subscribed and sworn before me this 23rd day of September, 19 83

# West Bluebell WWD 2-28A2 Well Diagram

Well Elevation: 5728 1/2' KB 5718' 6L



STATE OF UTAH  
 DIVISION OF OIL, GAS, AND MINING  
 ROOM 4241 STATE OFFICE BUILDING  
 SALT LAKE CITY, UTAH 84114  
 (801) 533-5771  
 (RULE 1-5 & RULE 1-4)

FORM NO. DOGM-UIC-1  
 (Revised 1982)

IN THE MATTER OF THE APPLICATION OF  
Gulf Oil Corporation  
 ADDRESS P. O. Box 2619  
Casper, Wyoming ZIP 82602  
 INDIVIDUAL  PARTNERSHIP  CORPORATION   
 FOR ADMINISTRATIVE APPROVAL TO DISPOSE OR  
 INJECT FLUID INTO THE W. Bluebell WWD WELL  
 SEC. 28 TWP. 1S RANGE 2W  
Duchesne COUNTY, UTAH

CAUSE NO. \_\_\_\_\_

ENHANCED RECOVERY INJ. WELL	<input type="checkbox"/>
DISPOSAL WELL	<input checked="" type="checkbox"/>
LP GAS STORAGE	<input type="checkbox"/>
EXISTING WELL (RULE 1-4)	<input checked="" type="checkbox"/>

APPLICATION

Comes now the applicant and shows the Corporation Commission the following:

1. That Rule 1-5 (g) (iv) authorizes administrative approval of enhanced recovery injections, disposal or LP Gas storage operations.
2. That the applicant submits the following information.

Lease Name <u>West Bluebell WWD</u>	Well No. <u>2-28A2</u>	Field <u>Bluebell</u>	County <u>Duchesne</u>
Location of Enhanced Recovery Injection or Disposal Well <u>NE NW SE</u> Sec. <u>28</u> Twp. <u>1S</u> Rge. <u>2W</u>			
New Well To Be Drilled Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Old Well To Be Converted Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Casing Test Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Date <u>06/23/83</u>	
Depth-Base Lowest Known Fresh Water Within 1/2 Mile <u>228</u>	Does Injection Zone Contain Oil-Gas-Fresh Water Within 1/2 Mile YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		State What
Location of Injection Source(s) <u>Bluebell Field Produced Water</u>	Geologic Name(s) and Depth of Source(s) <u>Green River and Wasatch 10565 to 14671</u>		
Geologic Name of Injection Zone <u>Uintah</u>	Depth of Injection Interval <u>2254</u> to <u>3330</u>		
a. Top of the Perforated Interval: <u>2254</u>	b. Base of Fresh Water: <u>2054</u>	c. Intervening Thickness (a minus b) <u>200</u>	
Is the intervening thickness sufficient to show fresh water will be protected without additional data? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>			
Lithology of Intervening Zones			
Injection Rates and Pressures Maximum <u>N/A</u> B/D <u>1500</u> PSI			
The Names and Addresses of Those to Whom Notice of Application Should be Sent.			
<u>See attached plat</u>			

State of Wyoming)  
 County of Natrona)

D. F. McHugo  
 Applicant

Before me, the undersigned authority, on this day personally appeared D. F. McHugo, Production Engineer known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Suscribed and sworn to before me this 23rd day of September, 1983

SEAL

My commission expires 03/16/86

Bette P. Hergenraeder - Notary Public  
 County of Natrona State of Wyoming  
 Notary Public in and for Natrona County, Wyoming  
 My Commission Expires March 16, 1986

(OVER)

INSTRUCTIONS

1. Attach qualitative and quantitative analysis of representative sample of water to be injected and a qualitative and quantitative analysis of the injection formation of water.
2. Attach plat showing subject well and all known oil and gas wells, abandoned, drilling and dry holes within one-half mile, together and with the name of the operator(s).
3. Attach Drillers Log (Form DOGM-UIC-2). (Appropriate Surety must be on file with Conservation Division or appropriate government agencies.)
4. Attach Electric or Radioactivity Log of Subject well (if released).
5. Attach schematic drawing of subsurface facilities including; Size, setting depth, amount of cement used measured or calculated tops of cement surface, intermediate (if any) and production casings; size and setting depth of tubing; type and setting depth of packer; geologic name of injection zone showing top and bottom of injection interval.
6. If the application is for a NEW well the original and six (6) copies of the application and three (3) complete sets of attachments shall be mailed to the Division. For EXISTING well applications (Rule I-4) only ONE copy of the application and ONE complete set of attachments are required to be mailed to the Division.
7. The Division is required to send notice of application to the surface owner of the land within one-half mile of the injection well and to each operator of a producing leasehold within one-half mile of the injection well. List all required names and addresses in the appropriate space provided on the front of this form.
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9. A well shall not be used for injection or disposal unless completed machine accounting Form DOGM-UIC-3b is filed by January 31st each year.
10. Approval of this application, if granted, is valid only as long as there is no substantial change in the operations set forth in the application. A substantial operation change requires the approval of a new application.
11. If there is less intervening thickness required by Rule I-5 (b) 4, attach sworn evidence and data.
12. For enhanced recovery projects, information required by Rule I-4 which is common to more than one well, need be reported only once on the application.

CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
Surface	9 5/8"	495	300	Surface	Circ. Cmt. to Surf.
Intermediate					
Production	7"	3484	845	646	Temp. Survey
Tubing	3 7/8" &	2199	Name - Type - Depth of Tubing Packer		
<b>Total Depth</b> 3500	<b>Geologic Name - Inj. Zone</b> Uinta and Duchesne River		<b>Depth - Top of Inj. Interval</b> 2054	<b>Depth - Base of Inj. Interval</b> 3330	

PLEASE TYPE OR USE BLACK INK ONLY

(To be filed within 30 days after drilling is completed)

DEPARTMENT OF NATURAL RESOURCES AND ENERGY

COUNTY  
LEASE NO.

API NO. 43-013-30346  
640 Acres  
N

DIVISION OF OIL, GAS, AND MINING  
Room 4241 State Office Building  
Salt Lake City, Utah 84114


COUNTY Duchesne SEC. 28 TWP. 1S RGE. 2W

COMPANY OPERATING Gulf Oil Corporation

OFFICE ADDRESS P. O. Box 2619

TOWN Casper STATE ZIP WY 82602

FARM NAME W. Bluebell WWD WELL NO. 2-28A2

DRILLING STARTED 11/22 19 74 DRILLING FINISHED 12/05 19 74

DATE OF FIRST PRODUCTION \_\_\_\_\_ COMPLETED \_\_\_\_\_

WELL LOCATED NE  $\frac{1}{4}$  NW  $\frac{1}{4}$  SE  $\frac{1}{4}$

2496 FT. FROM SL OF  $\frac{1}{4}$  SEC. & 1091 FT. FROM WL OF  $\frac{1}{4}$  SEC.

ELEVATION DERRICK FLOOR 5728 $\frac{1}{2}$  GROUND 5718

COMPLETION & TEST DATA BY PRODUCING FORMATION

1 2 3

FORMATION	Uinta	Duchesne River	
SPACING & SPACING ORDER NO.			
CLASSIFICATION (DISPOSAL WELL, ENHANCED RECOVERY, LP GAS STORAGE)	Disposal Well	Disposal Well	
PERFORATED	3310-30	2398-2404	2334-42
	3148-68	2383-88	2310-24
INTERVALS	2688-98	2370-76	2300-06
	2650-60	2352-54	2254-79
	2506-62		
ACIDIZED?	Yes	Yes	
FRACTURE TREATED?	No	No	

Locate Well Correctly and Outline Lease

TYPE COMPLETION

Single Zone X

Multiple Zone \_\_\_\_\_

Comingled \_\_\_\_\_

LOCATION EXCEPTION

OIL OR GAS ZONES

Name	From	To	Name	From	To
N/A					

CASING & CEMENT

Casing Set				Csg. Test	Cement		
Size	Wgt.	Grade	Feet	Psi	Sax	Fillup	Top
9 5/8"	36#	K-55	495	1000	300		Surface
7"	26#	K-55	3484		845		646

TOTAL DEPTH 3500

PACKERS SET DEPTH 2199

NOTE: THIS FORM MUST ALSO BE ATTACHED WHEN FILING PLUGGING FORM DOGM-UIC-6

INITIAL TEST DATA

Date	N/A	N/A	
Oil, bbl./day			
Oil Gravity			
Gas, Cu. Ft./day	CF	CF	CF
Gas-Oil Ratio Cu. Ft./Bbl.			
Water-Bbl./day			
Pumping or Flowing			
CHOKE SIZE			
FLOW TUBING PRESSURE			

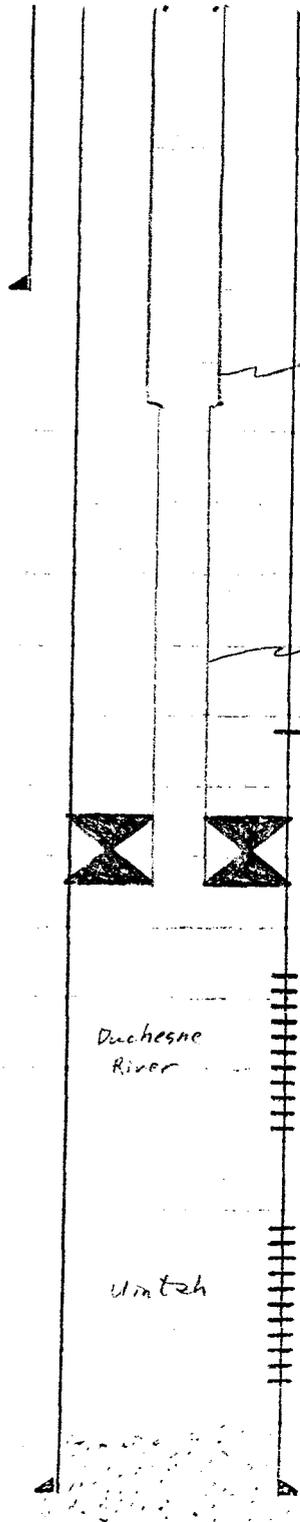
A record of the formations drilled through, and pertinent remarks are presented on the reverse. (use reverse side)

I, the undersigned, being first duly sworn upon oath, state that this well record is true, correct and complete according to the records of this office and to the best of my knowledge and belief.

Telephone (307) 235-1311  
Name and title of representative of company  
D. F. McHugo, Production Engineer  
Subscribed and sworn before me this 23rd day of September, 19 83

West Bluebell WWD 2-28A2  
Well Diagram

Well Elevation: 5728 1/2' KB 5718' 6L



9 5/8" OD surface pipe  
set @ 495' w/ 300 SX

1198' of 3 1/2" 9.5# J-55 internally coated w/ plastic

Top of cement @ 646' by temp. survey

991' of 2 7/8" 6.5# N-80

2072-74" sqz holes sqz'd w/ 50 SX cmt.

Baker retrievable tension packer @ 2199'

Duchess River

Perf 2254'-79' w/ 2 JHPF  
2300'-00'  
2310'-24'  
2334'-42'  
2352'-54'  
2370'-70'  
2383'-88'  
2398'-2404'

Uintah

Perf 2506'-62' w/ 4 JHPF  
2650'-60'  
2688'-98'  
3118'-68'  
3310'-30'

9873  
93410

7" OD 29.7 casing  
set @ 7184 w/ 845 SX

TR @ 3500

CHECKLIST FOR INJECTION WELL APPLICATION AND FILE REVIEW

\* \* \* \* \*

Operator: Gulf Well No. WDW 2-28A2

County: Duchesne T 15 R 2W Sec. 28 API# 43-013-30346

New Well  Conversion  Disposal Well  Enhanced Recovery Well

	<u>YES</u>	<u>NO</u>
UIC Forms Completed	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Plat including Surface Owners, Leaseholders, and wells of available record	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Schematic Diagram	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fracture Information	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Pressure and Rate Control	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Adequate Geologic Information	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fluid Source	<u>Green River Water table</u>	

Analysis of Injection Fluid      Yes  No       TDS 930

Analysis of Water in Formation  
to be injected into      Yes  No       TDS 16430

Known USDW in area      Duchesne River Depth 2054

Number of wells in area of review      1 Prod. 1 P&A 0  
Water 0 Inj. 0

Aquifer Exemption      Yes  NA

Mechanical Integrity Test      Yes  No

Date 6-23-83 Type 1000 psi 11 mm

Comments: Tap of cement 644 Bottom 3484

Reviewed by: [Signature]

**PENNZOIL EXPLORATION AND PRODUCTION COMPANY**

P.O. DRAWER 1139 • DENVER, COLORADO 80201-1139 • (303) 832-6060

December 23, 1985

State of Utah  
Division of Oil, Gas and Mining  
Room 4241 State Office Building  
Salt Lake City, UT 84114

Attn: Gil Hunt

Re: Notice of Transfer of Ownership  
Disposal Wells  
Bluebell/Altamont Area  
Duchesne County, Utah

RECEIVED

DEC 26 1985

DIVISION OF OIL  
GAS & MINING

Gentlemen:

Please find attached copies of those certain Transfers of Ownership affecting the following disposal wells which Pennzoil has recently purchased from Chevron, U.S.A. Inc.

- |  |   |
|--|---|
| A) SWD 2-26A2 - 43-013-30389<br>26-1S-2W | E) SWD 1-3A2 43-013-30021<br>3-1S-2W    |
| B) SWD 2-17C5 - 43-013-30388<br>17-3S-5W | F) SWD 1-11A2 43-013-20255<br>11-1S-2W  |
| C) SWD 3-31A3 - 43-013-30368<br>31-1S-3W | G) SWD 2-28A2 - 43-03-30346<br>28-1S-2W |
| D) SWD 2-10B1 - 43-013-30367<br>10-2S-1W |   |

As indicated on the attached materials, the Order No. Authorizing Injection has been left blank affecting the SWD 2-26A2, SWD 2-17C5, and the SWD 2-28A2 wells, due to the fact that same could not be found during our initial review of Chevron's records.

If you should have any questions, please do not hesitate to contact this office.

Sincerely,

PENNZOIL COMPANY



Robert E. Burton, Jr.  
Land Project Supervisor

REB/cm

Attachments

STATE OF UTAH  
DIVISION OF OIL, GAS, AND MINING  
Room 4241 State Office Building  
Salt Lake City, Utah 84114

RECEIVED

DEC 26 1985

RULE 1-9

DIVISION OF OIL  
GAS & MINING

NOTICE OF TRANSFER OF OWNERSHIP

Classification of Well Transferred: Disposal Well  Enhanced Recovery Injection Well

Name of Present Operator Chevron U.S.A. Inc.

Address 700 South Colorado Boulevard

Denver, Colorado 80222

Well Being Transferred:

Name: SWD 2-28A2 (Salt Water Disposal)

Location: Sec. 28 Twp. 1S Rng. 2W County Duchesne

Order No. Authorizing Injection \_\_\_\_\_ Date \_\_\_\_\_

Zone Injected Into: Duchesne River-Uinta Formation

Effective Date of Transfer December 2, 1985

[Signature]  
Signature

Dec 2 1985  
Date

Name of New Operator Pennzoil Company

Address 700 Milam, Houston, Texas 77002

[Signature]  
Signature of New Operator

12-2-85  
Date

<p><b>FOR DOGM USE ONLY</b></p> <p>It is acknowledged by the Division of Oil, Gas, and Mining that <u>Pennzoil</u> is the new operator of the above-named well and may:</p> <p><input checked="" type="checkbox"/> continue to inject fluids as authorized by Order No. <u>190-3</u></p> <p><input type="checkbox"/> not inject fluids until after Notice, Hearing, and Approval by the Division</p> <p>Signature <u>[Signature]</u> Date <u>1/3/86</u></p>
---

## WATER ANALYSIS REPORT

 COMPANY Pennzoil Company ADDRESS Neola, UT. DATE: 3-27-87

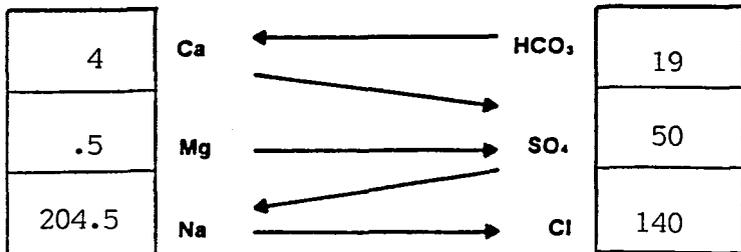
 SOURCE West Bluebell 2-28A2 DATE SAMPLED 3-26-87 ANALYSIS NO. \_\_\_\_\_

*15 24 Sec 28*

Analysis	Mg/l (ppm)	*Meq/l
1. PH	7.9	
2. H <sub>2</sub> S (Qualitative)	24	
3. Specific Gravity	1.006	
4. Dissolved Solids		
5. Suspended Solids		
6. Anaerobic Bacterial Count		C/MI
7. Methyl Orange Alkalinity (CaCO <sub>3</sub> )	940	
8. Bicarbonate (HCO <sub>3</sub> )	HCO <sub>3</sub> 1,147	÷61 19 HCO <sub>3</sub>
9. Chlorides (Cl)	Cl 4,956	÷35.5 140 Cl
10. Sulfates (SO <sub>4</sub> )	SO <sub>4</sub> 2,400	÷48 50 SO <sub>4</sub>
11. Calcium (Ca)	Ca 72	÷20 4 Ca
12. Magnesium (Mg)	Mg 7	÷12.2 .5 Mg
13. Total Hardness (CaCO <sub>3</sub> )	210	
14. Total Iron (Fe)	.4	
15. Barium (Qualitative)		
16. Phosphate Residuals		

\*Milli equivalents per liter

### PROBABLE MINERAL COMPOSITION



Compound	Equiv. Wt.	X	=	Mg/l
Ca (HCO <sub>3</sub> ) <sub>2</sub>	81.04	4		324
Ca SO <sub>4</sub>	68.07			
Ca Cl <sub>2</sub>	55.50			
Mg (HCO <sub>3</sub> ) <sub>2</sub>	73.17	.5		37
Mg SO <sub>4</sub>	60.19			
Mg Cl <sub>2</sub>	47.62			
Na HCO <sub>3</sub>	84.00	14.5		1,218
Na <sub>2</sub> SO <sub>4</sub>	71.03	50		3,552
Na Cl	58.46	140		8,184

Saturation Values	Distilled Water 20° C
Ca CO <sub>3</sub>	13 Mg/l
Ca SO <sub>4</sub> · 2H <sub>2</sub> O	2,090 Mg/l
Mg CO <sub>3</sub>	103 Mg/l

REMARKS \_\_\_\_\_



355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

October 15, 1987

Pennzoil  
 Post Office Box 290  
 Neola, Utah 84053

Gentlemen:

Re: Testing of Water Disposal Wells for Mechanical Integrity

The Underground Injection Control (UIC) program, which the Division of Oil, Gas and Mining (DOG M) administers in Utah, requires all Class II injection wells demonstrate mechanical integrity. It has been policy of the Division to require pressure testing of all water disposal wells in accordance with Rule R615-5-3.1, Oil and Gas Conservation General Rules. This rule requires that the casing-tubing annulus above the packer be pressure tested at a pressure equal to the maximum authorized injection pressure or 1,000 psi, whichever is lesser, provided that no test pressure is less than 200 psi. This test shall be performed at least every five year period beginning October, 1982.

Our records indicate that several of Pennzoil's water disposal wells are due for the second five-year mechanical integrity test. The Division is also requiring a radioactive tracer survey be run on the older disposal wells which are due for the second five-year test. The Division would like to schedule the pressure tests on the wells listed below for the week of November 9, 1987.

<u>Previous Test</u>	<u>Well</u>	<u>Township</u>	<u>Range</u>	<u>Section</u>
6-23-83	2-17C5	3 South	5 West	17
11-4-82	1-3A2	1 South	2 West	3
6-23-83	2-26A2 (optional)	1 South	2 West	26
6-23-83	2-28A2 (optional)	1 South	2 West	28
11-4-82	2-10B1	2 South	1 West	10
1-21-84	1-11A2 (optional)	1 South	2 West	11

The wells marked optional were tested more recently than the others. However, if Pennzoil desires, they could all be tested at this time and therefore be on similar testing schedules for the future. The results of the tracer surveys shall be sent to the Division within six months after the pressure tests are performed.

Page 2  
Pennzoil  
October 15, 1987

Pennzoil shall furnish connections, accurate pressure gauges, hot oil truck (or other means of pressuring annulus), as well as personnel to open valves etc.

Please contact the undersigned to arrange a meeting time and place or discuss options if this plan is unacceptable to you.

Sincerely,



Gil Hunt  
UIC Program Manager

mfp  
0298U/24

**RECEIVED**  
JUN 13 1988

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

DIVISION OF  
OIL, GAS & MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. LEASE DESIGNATION AND SERIAL NO.
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FIRM OR LEASE NAME See Attached List
9. WELL NO.
10. FIELD AND POOL, OR WILDCAT Bluebell/Altamont
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
12. COUNTY OR PARISH Duchesne & Uintah
13. STATE Utah

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER	
2. NAME OF OPERATOR Pennzoil Company Utah Acct. # N0705	
3. ADDRESS OF OPERATOR P.O. Box 2967 Houston, TX 77252-2967	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface See Attached List of Wells	
14. API NUMBER	15. ELEVATIONS (Show whether OP, RT, GR, etc.)

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

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

Change of operator name from Pennzoil Company to Pennzoil Exploration & Production Company, effective June 1, 1988.

See Attached List of wells

OIL AND GAS	
DRN	RJF
JRB	GLH
DTS	SLS
TAS	
① - MICROFILM ✓	
③ - FILE ✓	

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

SIGNED Arvo P. San Filippo TITLE Western Div. Production Mgr. DATE 6-9-88

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

SUNDRY NOTICE OF NAME CHANGE  
EXHIBIT A

ENTITY NUMBER	LEASE NAME	LEGAL DESC.	API #	REMARKS
5780	VIC BROWN 1-4A2	1S 2W 4	4301330011	
5785	UTE ALOTTED 1-36Z2	1N 2W 36	4301330307	
5790	HORROCKS 1-6A1	1S 1W 6	4301330390	
5795	J YACK 1-7A1	1S 1W 7	4301330018	
5800	BASTAIN FEE #1	1S 1W 7	4301330026	
5805	CHASEL FLY DIAMOND 1-18A1	1S 1W 18	4301330030	
5810	STATE 3-18A1	1S 1W 18	4301330369	
5815	RG DYE 1-29A1	1S 1W 29	4301330271	WSTC ✓
5820	SUMMERALL 1-30 A1	1S 1W 30	4301330250	
5825	LL PACK 1-33A1	1S 1W 33	4301330261	
5835	UTE 11-6A2	1S 2W 6	4301330381	
5836	UTE 2-7A2	1S 2W 7	4301331009	
5840	DOUG BROWN 1-4A2	1S 2W 4	4301330017	
5845	LAMICQ URRUTY 4-5A2	1S 2W 5	4301330347	
5850	UTE 1-7A2	1S 2W 7	4301330025	
5855	LAMICQ URRUTY 2-9A2	1S 2W 9	4301330046	GRRV ✓
5860	STATE 1-10A2	1S 2W 10	4301330006	
5865	SPRGFIELD M/BK 1-10A2	1S 2W 10	4301330012	
5870	L. BOREN 2-11A2	1S 2W 11	4301330277	
5875	KENDALL 1-12A2	1S 2W 12	4301330013	
5876	CLYDE MURRAY 1-2A2	1S 2W 2	4301330005	GRRV ✓
5877	BLANCHARD 1-3A2	1S 2W 3	4301320316	GRRV ✓
5880	OLSEN 1-12A2	1S 2W 12	4301330031	
5885	L. BOREN 1-14A2	1S 2W 14	4301330035	GRRV ✓
5890	UTE 3-18A2	1S 2W 18	4301330125	
5895	UTE TRIBAL 4-19A2	1S 2W 19	4301330147	
5900	L. BOREN 5-22A2	1S 2W 22	4301330107	
5905	L. BOREN 4-23A2	1S 2W 23	4301330115	
5910	UTE TRIBAL 5-30A2	1S 2W 30	4301330169	WSTC ✓
5920	BECKSTEAD 1-30A3	1S 3W 30	4301330070	WSTC ✓
5925	UTE TRIBAL 10-13A4	1S 4W 13	4301330301	
5930	KARL SHISLER 1-3B1	2S 1W 3	4301330249	
5935	C B HATCH 1-5B1	2S 1W 5	4301330226	
5940	NORLING 1-9B1	2S 1W 9	4301330315	
5945	H.G. COLTHARP 1-15B1	2S 1W 15	4301330359	
5950	GEORGE MURRAY 1-16B1	2S 1W 16	4301330297	
5960	EH BUZZI 1-11B2	2S 2W 11	4301330248	WSTC ✓
5965	DL GALLOWAY 1-14B2	2S 2W 14	4301330564	
5970	STATE PICKUP 1-6B1E	2S 1E 6	4304730169	WSTC ✓
5975	LAMICQ URRUTY 1-8A2	1S 2W 8	4301330036	
9770	SMITH 1-14C5	3S 5W 14	4301330980	
9895	RACHEL JENSEN 2-16C5	3S 5W 16	4301330912	
10452	LAKEFORK 2-13B4	2S 4W 13	4301331134	
10615	HATCH 2-3B1	2S 1W 3	4301331147	
10616	NORLING 2-9B1	2S 1W 9	4301331151	
10679	ROBERTSON 2-29A2	1S 2W 29	4301331150	
10753	SHAW 2-27A2	1S 2W 27	4301331184	
10764	LAMICQ URRUTY 4-17A2	1S 2W 17	4301331190	Dulg. WSTC Cont.
10785	BOREN 3-11A2	1S 2W 11	4301331192	" " "
10794	LAMICQ 2-20A2	1S 2W 20	4301331191	" " "
	FRESTON 2-8B1	2S 1W 8	4301331203	CURRENTLY BEING DRILLED OPA 43-013-31203
	SALERATUS WASH 1-17C5 SMD	3S 5W 17	4301399998	SALT WATER DISPOSAL WELL 43-013-30388-GRRV
	ANDERSON 2-28A2 SMD	1S 2W 28	4304399992	SALT WATER DISPOSAL WELL 43-013-30346 WNTA

**RECEIVED**  
JUN 13 1988

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

DIVISION OF  
OIL, GAS & MINING

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> <small>(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.)</small>		5. LEASE DESIGNATION AND SERIAL NO.
1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
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3. ADDRESS OF OPERATOR P.O. Box 2967 Houston, TX 77252-2967		8. FARM OR LEASE NAME See Attached List
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12. COUNTY OR PARISH Duchesne & Uintah		18. STATE Utah

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
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(Other) Operator Name Change <input checked="" type="checkbox"/>		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

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See Attached List of wells

**OIL AND GAS**

DRN	RJF
JRB	GLH
DTS	SLS
TAS	
- MICROFILM	
3- FILE	

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

SIGNED George P. San Filippo TITLE Western Div. Production Mgr. DATE 6-9-88

(This space for Federal or State office use)

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

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EXHIBIT A

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5815	RG DYE 1-29A1	1S 1W 29	4301330271	WSTC ✓
5820	SUMMERALL 1-30 A1	1S 1W 30	4301330250	
5825	LL PACK 1-33A1	1S 1W 33	4301330261	
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5960	EH BUZZI 1-11B2	2S 2W 11	4301330248	WSTC ✓
5965	DL GALLOWAY 1-14B2	2S 2W 14	4301330564	
5970	STATE PICKUP 1-6B1E	2S 1E 6	4304730169	WSTC ✓
5975	LAMICQ URRUTY 1-8A2	1S 2W 8	4301330036	
9770	SMITH 1-14C5	3S 5W 14	4301330980	
9895	RACHEL JENSEN 2-16C5	3S 5W 16	4301330912	
10452	LAKEFORK 2-13B4	2S 4W 13	4301331134	
10615	HATCH 2-3B1	2S 1W 3	4301331147	
10616	NORLING 2-9B1	2S 1W 9	4301331151	
10679	ROBERTSON 2-29A2	1S 2W 29	4301331150	
10753	SHAW 2-27A2	1S 2W 27	4301331184	
10764	LAMICQ URRUTY 4-17A2	1S 2W 17	4301331190	Dulq - WSTC Cont.
10785	BOREN 3-11A2	1S 2W 11	4301331192	" " "
10794	LAMICQ 2-20A2	1S 2W 20	4301331191	" " "
	FRESTON 2-8B1	2S 1W 8	4301331203	CURRENTLY BEING DRILLED O/A 43-013-31203
	SALERATUS WASH 1-17C5 SWD	3S 5W 17	4301399998	SALT WATER DISPOSAL WELL 43-013-30388-GRV
	ANDERSON 2-28A2 SWD	1S 2W 28	4304399992	SALT WATER DISPOSAL WELL 43-013-30346 WNTA

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

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL  GAS WELL  OTHER  DISPOSAL WELL

2. NAME OF OPERATOR PENNZOIL EXPL. AND PROD. NOV 23 1990

3. ADDRESS OF OPERATOR P.O. BOX 290 NEOLA, UTAH 84053

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\* See also space 17 below.)  
At surface  
2496' FSL AND 1549' FEL

14. PERMIT NO. 43-013-30346-00

15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5718 GR

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME D. ANDERSON SWD

9. WELL NO. 2-28AZ

10. FIELD AND POOL, OR WILDCAT BLUEBELL

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SEC 28, T15, R2W

12. COUNTY OR PARISH DUCHESNE

13. STATE UTAH

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

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.)\*

ON 11-21-90, IT WAS DISCOVERED THAT THE TUBING INJECTION PRESSURE HAD COMMUNICATED TO THE CASING (1475 PSI ON BOTH SIDES). DISPOSAL OPERATIONS WERE CURTAILED AND THE WELL WAS LEFT SHUT-IN.

NO LATER THAN

PENNZOIL PLANS TO RIG UP 11-26-90, PULL THE PACKER AND REPAIR THE TBG AND/OR PACKER AS NECESSARY. AFTER ALL REPAIRS ARE MADE AND A NEW PACKER IS INSTALLED, THE TUBING - CASING ANNULUS WILL BE TESTED TO 1000 PSI BEFORE DISPOSAL OPERATIONS RESUME.

PLEASE REFER TO THE FOLLOWING PAGES FOR HISTORICAL INFORMATION.

Accepted by the State  
of Utah Division of  
Oil, Gas and Mining

Date: 11-30-90

JESS DULLNIG  
NEOLA, UTAH  
11-21-90

18. I hereby certify that the foregoing is true and correct. By: Jess Dullnig TITLE PETROLEUM ENGR. DATE 11-21-90

(This space for Federal or State office use)

Federal Approval of this Action is Necessary  
APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TABLE 4

SWD 2-28A2  
SECTION 28, T1S, R2W  
DUCHESNE COUNTY, UTAH

GENERAL DESCRIPTION OF SWD 2-28A2 WELL

<u>FORMATION</u>	<u>PERFORATIONS</u>	<u>AVG DAILY INJ MAY, 1987 (BBLS)</u>	<u>AVG INJ PRESS (PSI)</u>	<u>MAX PERMITTED PRESS (PSI)</u>	<u>CUMULATIVE INJ THRU 6-87 (BBLS)</u>
Duchesne River	2,506-3,330'	1295	1400	1500	unknown

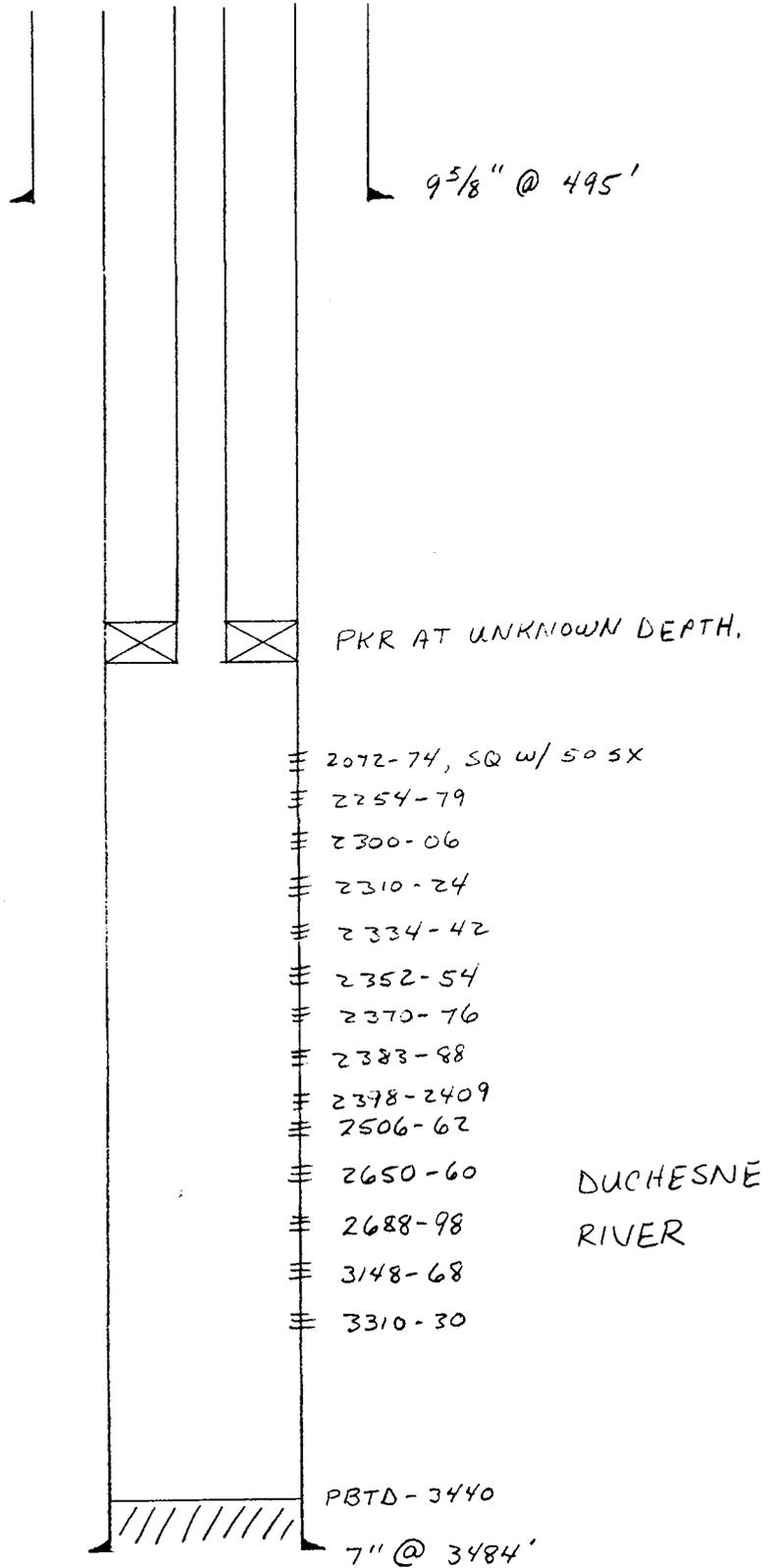
Date Converted to SWD: 12/11/74 (drilled as a SWD well)  
TD: 3,500'  
Current PBTB: 3,440'  
Casing: 9-5/8", 36#, K-55 @ 495' (circ cement)  
7", 26#, K-55 @ 3,484' (TOC-646' by temp survey)  
Tubing: 2-7/8", 6.5#, N-80 @ 2,453'  
Packer: 7" Baker model 'G' at unknown depth  
Open Perforations: 2,506-62' (56', 224 holes), 2,650-60' (10', 40 holes), 2,688-98'  
(10', 40 holes), 3,148-68' (20', 80 holes), 3,310-30' (20', 80  
holes) Duchesne River.

WELL HISTORY

?/10/74: Perforated from 2,506-3,330' (see above)  
12/12/74: Acidized perforations 2,506-3,330' with 10,000 gallons HCL. Set 7"  
model 'G' packer at 2,453.  
8/76: Perforated 2,072-74' and sq with 50 sx. Perforated 2,254-2,409'.  
Acidized with 10,000 gals 15-3 acid.

RECENT HISTORY NOT AVAILABLE

SWD 2-28A2



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

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

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

12. COUNTY OR PARISH

13. STATE

### SUNDRY NOTICES AND REPORTS ON WELLS

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1.

OIL WELL  GAS WELL  OTHER

DISPOSAL WELL

2. NAME OF OPERATOR

PENNZOIL EXPL. AND PRODUCTION

3. ADDRESS OF OPERATOR

P. O. BOX 290, NEOLA, UTAH 84053

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

At surface

2496' FSL AND 1549' FEL

14. PERMIT NO.

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

43-013-30346-00

5718 GR

12. COUNTY OR PARISH

DUCHESNE

13. STATE

UTAH

#### 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

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON\*

SHOOTING OR ACIDIZING

ABANDONMENT\*

REPAIR WELL

CHANGE PLANS

(Other)

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#### SUMMARY OF WORKOVER FROM 11-24-90 TO 12-3-90

- MI AND RU PULLING UNIT. POOH WITH TBG AND 7" BAKER FULL BORE PKR.
- SET RETRIEVABLE BRIDGE PLUG AT 2010' (ABOVE ALL PERFS) AND TESTED CSG TO 1000 PSI FOR 45 MINUTES, HELD OK. PULLED BRIDGE PLUG.
- SET 7" MODEL 'D' PKR ON WIRELINE AT 1970'.
- RAN 2 7/8" TBG (HYDROTESTING TO 9000 PSI), LATCHED INTO PKR AND LANDED TBG W/ 10,000 # COMPRESSION. INSTALLED WELLHEAD AND TESTED CSG-TBG ANNULUS TO 1000 PSI, HELD OK.
- ACIDIZED PERFS 2254-3330 WITH 12,500 GALS 7 1/2% HCL WITH 10% XYLENE AND 1200 BALL SEALERS.
- RESUMED DISPOSAL OPERATIONS AND RO PULLING UNIT.

JESS DULLNIG  
NEOLA, UTAH  
801 353-4397

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

SIGNED

Jess Dullnig

TITLE

PETROLEUM ENGR

DATE

12-3-90

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:



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

*Edmund*

Michael O. Leavitt  
Governor

Ted Stewart  
Executive Director

James W. Carter  
Division Director

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

May 13, 1993

Jess Dullnig  
Pennzoil Exploration & Production Company  
P.O. Box 290  
Neola, Utah 84053

Dear Mr. Dullnig:

Re: Salt Water Disposal Well #2-28A2 Located in Section 28, Township 1 South, Range 2 West, Duchesne County, Utah

A routine inspection of your facility was conducted on April 21, 1993. At the time of this inspection, a number of maintenance/environmental problems were noted. The general housekeeping of the facility is quite poor. Oil was leaking out of the building which houses the triplex pump. It also appears that after oil had been spilled inside the pump house it was merely pushed out the door and onto the ground. An area of approximately 80 square feet of ground was covered with oil and sludge.

Pennzoil E & P Company as operator of the above referenced facility needs to address these problems. Please cleanup the location within 30 days of receipt of this letter, then notify the Division so that a follow-up inspection can be made.

We appreciate your cooperation and attention to this matter. If you have questions or would like to discuss your plans for this disposal facility, please call Dan Jarvis or me at (801)538-5340.

Sincerely,

Gil Hunt  
UIC Manager

ldc  
cc: R.J. Firth  
WUI143



STATE OF UTAH  
 Division of Oil, Gas and Mining  
 1594 West North Temple, Suite 1210  
 Box 145801  
 Salt Lake City, Utah 84114-5801

**INJECTION WELL - PRESSURE TEST**

Test Date: <u>1/6/98</u>	Well Owner/Operator: <u>FENNELL COMPANY</u>
Disposal Well: _____	Enhanced Recovery Well: _____ Other: _____
API No.: 43- <u>013-30340</u>	Well Name/Number: <u>SWD # 2-28A2</u>
Section: <u>28</u>	Township: <u>1S</u> Range: <u>2W</u>

**Initial Conditions:**

Tubing - Rate: \_\_\_\_\_ Pressure: 860 psi  
 Casing/Tubing Annulus - Pressure: 0 psi

**Conditions During Test:**

Time (Minutes)	Annulus Pressure	Tubing Pressure
0	<u>1099</u>	<u>860</u>
5	<u>1089</u>	_____
10	<u>1083</u>	_____
15	<u>1085</u>	_____
20	<u>1103</u>	<u>1200</u>
25	<u>1108</u>	_____
30	<u>1090</u>	<u>1300</u>

Results: Pass/Fail

**Conditions After Test:**

Tubing Pressure: 1300 psi  
 Casing/Tubing Annulus Pressure: 0 psi

**REMARKS:**

Injection pump kicked in during casing test. TESTED WITH Schlumberger/Dowell & used COMPUTER CHART.

Jess Gulley  
 Operator Representative

James [Signature]  
 DOGM Witness

# Mechanical Integrity Test Casing or Annulus Pressure Test

U.S. Environmental Protection Agency  
Underground Injection Control Program, UIC Implementation Section, 8WM-DW  
999 18th Street, Suite 500, Denver, CO 80202-2466

EPA Witness: NONE Date 1/6/98 Time 1:40 am/pm

Test conducted by: DOWELL SCHLUMBERGER FOR PENNZOIL

Others present: JESS DULLNIG (PENNZOIL), DENNIS INGRAM (ST OF UT - DOG M)

*Jess Dullnig*                      *Dennis Ingram*

Well: <u>SW10 2-28AZ</u> <u>43-013-30346</u>	Well ID: <u>UT 2667-02723</u>
Field: <u>BLUEBELL</u>	Company: <u>PENNZOIL</u>
Well Location: <u>SEC. 28, T15, R2W.</u> <u>DUCHESNE CO., UT</u>	Address: <u>P.O. DRAWER 10</u> <u>ROOSEVELT, UT 84066</u>

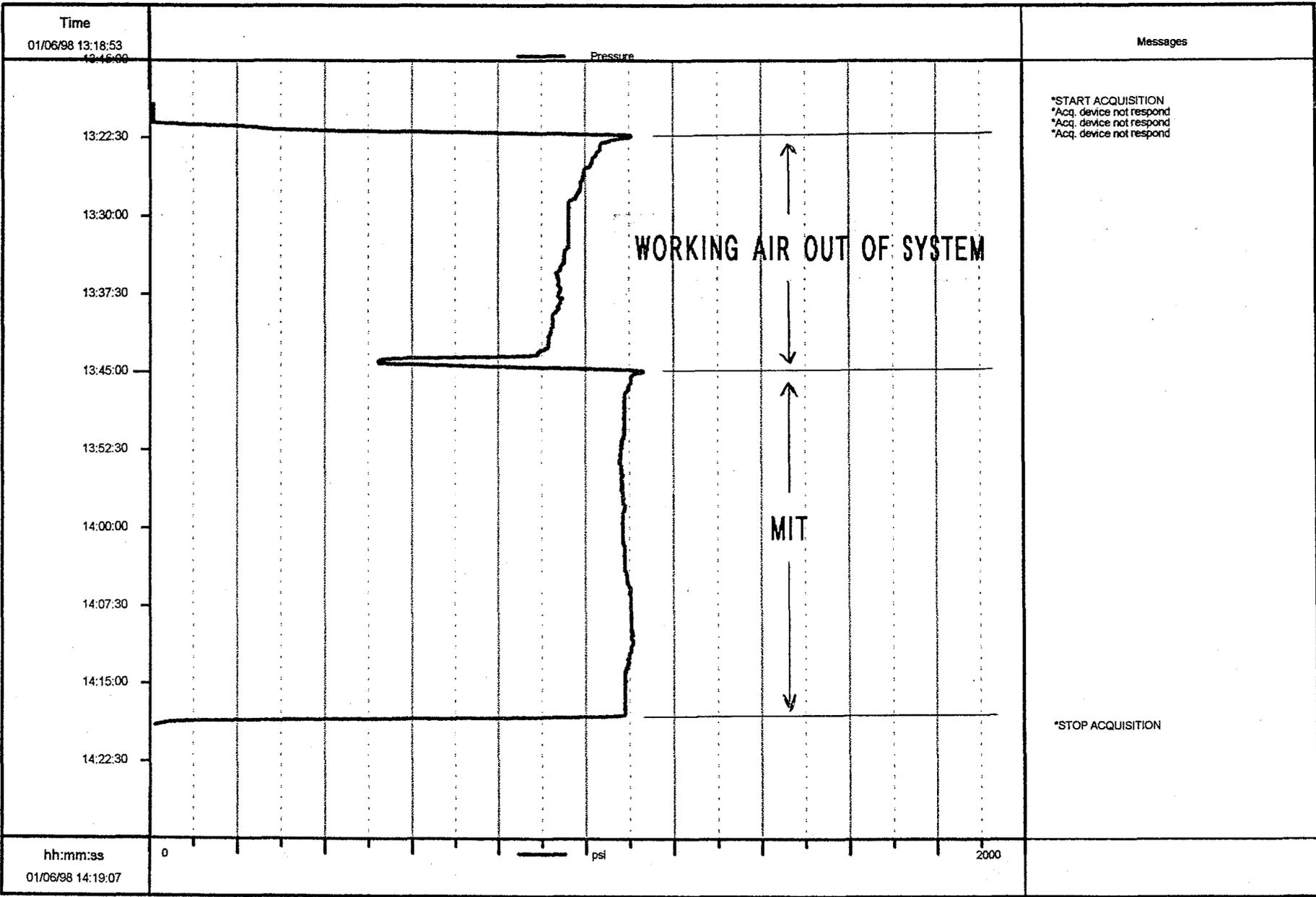
Time	Test #1	Test #2	Test #3
0 min	<u>996</u> psig	<u>1099</u> psig	_____ psig
5	<u>961</u>	<u>1089</u>	_____
10	<u>938</u>	<u>1083</u>	_____
15	<u>920</u>	<u>1085</u>	_____
20	<u>WORKING AIR</u>	<u>1103</u>	_____
25	<u>OUT OF SYSTEM</u>	<u>1108</u>	_____
30 min	_____	<u>1090</u>	_____
35	_____	_____	_____
40	_____	_____	_____
45	_____	_____	_____
50	_____	_____	_____
55	_____	_____	_____
60 min	_____	_____	_____
Tubing press	_____ psig	_____ psig	_____ psig

Result (circle) Pass    Fail                      Pass    Fail                      Pass    Fail

Signature of EPA Witness: \_\_\_\_\_

See back of page for any additional comments & compliance followup.

Well	SWD2-28A2	Client	PENNZOIL EXPL
Field	BLUEBELL ALTAMONT	SIR No.	20671716
Country	USA	Job Date	1/6/98 1:18:53 PM



01/06/1998 18:10 Job: vut1742b

**INJECTION WELL - INSPECTION RECORD**

Well Name: <u>BLUEBELL #2-28A2</u>	API Number: <u>43-013-30346</u>
Qtr/Qtr: <u>NE/NE</u> Section: <u>28</u>	Township: <u>1S</u> Range: <u>2W</u>
Company Name: <u>PENNZOIL COMPANY</u>	
Lease: State _____ Fee <u>YES</u>	Federal _____ Indian _____
Inspector: <u>DENNIS L. INGRAM</u>	Date: <u>2/03/99</u>
-	

Injection Type:

Disposal: WDW Enhanced Recovery: \_\_\_\_\_ Other: \_\_\_\_\_

Injecting: YES Shut-In: \_\_\_\_\_

Rate: 1978.8 (bpd) Totalizer: 116 (bbls)

Gauges: Tubing: YES

Casing: YES Casing Pressure: 0 (psig)

Tubing Pressure: 1550 (psig) Housekeeping: GOOD

Equipment Condition: GOOD

COMMENTS: PUMP IS RUNNING. MURPHY HIGH PRESSURE SWITCH SET TO SHUT DOWN PUMP AT 2100 PSI. PUMP HAS A BARTON RECORDER WITH CHART DATED ON 2/1/99.

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# PENNZENERGY

P. O. Box 5519  
Vienna, West Virginia 26105-5519  
(304) 480-2201 Fax (304) 480-2239

Michael G. Kirsch  
Senior Landman  
Land Department

July 30, 1999

Ms. Kristen Risbeck  
State of Utah  
Division of Oil, Gas & Minerals  
1594 West N. Temple # 1210  
Salt Lake City, UT 84114-5801

Dear Ms. Risbeck:

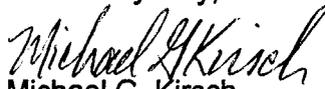
Re: PennzEnergy Company  
Bluebell-Altamont Field  
Duchesne and Uintah Counties, Utah

Pursuant to our telephone conversation last month, enclosed are completed Transfer of Authority to Inject forms that transfer the following six saltwater disposal wells into PennzEnergy Company.

<u>PZE LEASE NO.</u>	<u>WELL NAME</u>	<u>API NO.</u>
73336-00	\ Timothy 2-10B1 (swd)	43-013- <del>43043</del> 30367
73332-00	Hamblin 2-26A2 (swd)	43-013-30389
73331-00	\ Dillman 2-28A2 (swd)	43-013-30346
73333-00	\ Blanchard 1-3A2 (swd)	43-013- <del>30005</del> 30021
73334-00	Boren 4-11A2 (swd)	43-013-20255
73330-00	\ Saleratus 2-17C5 (swd)	43-013-30388

Please advise this office if you need any additional information relative to above matter.

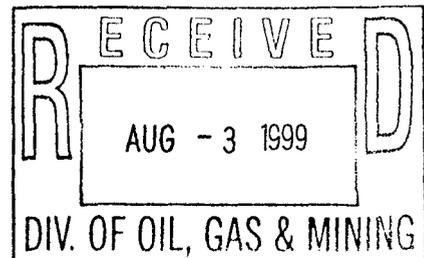
Yours very truly,

  
Michael G. Kirsch

Enclosures

cc: Craig Goodrich (w/ enclosure)  
Jo Carol Moon (w/ enclosure)

bluebell/letters/Utah St SWD.doc



STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

TRANSFER OF AUTHORITY TO INJECT - UIC FORM 5

Well name and number: Dillman 2-28A2 (SWD)

Field or Unit name: Bluebell Field API no. 43-013-30346

Well location: QQ NWSE section 28 township 1S range 2W county Duchesne

Effective Date of Transfer: 12/30/98

CURRENT OPERATOR

Transfer approved by:

Name Michael McCown Company Pennzoil Company

Signature Michael McCown Address P. O. Box 5519

Title Attorney-in-Fact Vienna, WV 26105

Date 7/16/99 Phone (304) 480-2201

Comments:

NEW OPERATOR

Transfer approved by:

Name Michael McCown Company PennzEnergy Company

Signature Michael McCown Address P. O. Box 5519

Title Attorney-in-Fact Vienna, WV 26105

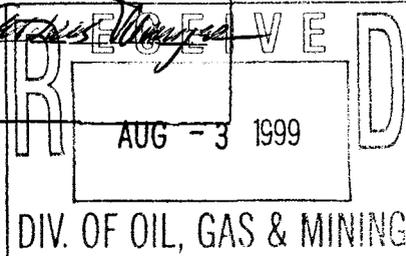
Date 7/16/99 Phone (304) 480-2201

Comments:

(State use only)

Transfer approved by [Signature] Title Technical Services Manager

Approval Date 8/9/99



**OPERATOR CHANGE WORKSHEET**

1-GLH ✓	4-KAS ✓
██████	5-SJ
3-JLT	6-FILE

Check each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (Well Sold)       Designation of Agent  
 Operator Name Change Only       **Transfer of Authority to Inject**

The operator of the well(s) listed below has changed, effective: 8-9-99

**TO:**(New Operator) PENNZENERGY *Company*  
 Address: P. O BOX 5519  
Vienna, WV 26105-5519  
 Phone: 1-(304)-480-2201  
 Account No. N4945

**FROM:**(Old Operator) PENNZOIL COMPANY  
 Address: P. O BOX 4616  
HOUSTON, TX 7721-4616  
 Phone: 1-(713)-546-6590  
 Account No. N0705

WELL(S):	CA Nos.	or	Unit
Name: <u>TIMOTHY 2-10B1 (SWD)</u>	API: <u>43-013-30367</u>	Entity: <u>99990</u>	<u>S 10 T 02S R 01W Lease: FEE</u>
Name: <u>DILLMAN 2-28A2 (SWD)</u>	API: <u>43-013-30346</u>	Entity: <u>99990</u>	<u>S 28 T 01S R 02W Lease: FEE</u>
Name: <u>BLANCHARD 1-3A2 (SWD)</u>	API: <u>43-013-30021</u>	Entity: <u>99990</u>	<u>S 03 T 01S R 02W Lease: FEE</u>
Name: <u>SALERATUS 2-17C5 (SWD)</u>	API: <u>43-013-30388</u>	Entity: <u>99990</u>	<u>S 17 T 03S R 05W Lease: FEE</u>
Name: _____	API: _____	Entity: _____	<u>S T R Lease: _____</u>
Name: _____	API: _____	Entity: _____	<u>S T R Lease: _____</u>
Name: _____	API: _____	Entity: _____	<u>S T R Lease: _____</u>

**OPERATOR CHANGE DOCUMENTATION**

- YES 1. A pending operator change file has been set up.
- YES 2. (R649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator on 8-3-99.
- YES 3. (R649-8-10) Sundry or other legal documentation has been received from the **NEW** operator on 8-3-99.
- YES 4. The new company has been looked up in the **Department of Commerce, Division of Corporations Database** if the new operator above is not currently operating any wells in Utah. Is the operator registered with the State? **Yes/No** If yes, the company file number is 047752. If no, Division letter was mailed to the new operator on \_\_\_\_\_.
- N/A 5. **Federal and Indian Lease Wells.** The BLM or the BIA has approved the merger, name change or **operator change** for all wells listed above involving Federal or Indian leases on \_\_\_\_\_.
- N/A 6. **Federal and Indian Units.** The BLM or the BIA has approved the successor of unit operator for all wells listed above involving unit operations on \_\_\_\_\_.
- N/A 7. **Federal and Indian Communitization Agreements ("CA").** The BLM or the BIA has approved the operator change for all wells listed above involved in the CA on \_\_\_\_\_.

YES 8. **Underground Injection Control ("UIC") Program.** The Division has approved UIC Form 5, Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project and/or for the water disposal well(s) listed above.

NO 9. Changes have been entered in the **Oil and Gas Information System** for each well listed on 6-27-00.

NO 10. Changes have been included on the **Monthly Operator Change letter** on 6-27-00.

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### STATE BOND VERIFICATION

N/A 1. State Well(s) covered by Bond No. \_\_\_\_\_.

---

### FEE WELLS - BOND VERIFICATION / LEASE INTEREST OWNER NOTIFICATION

YES 1. (R649-3-1) The **NEW** operator of any fee lease well(s) listed above has furnished a proper bond.

N/A 2. A **copy of this form** has been placed in the **new and former operator's bond files** on \_\_\_\_\_.

N/A 3. The **FORMER** operator has requested a release of liability from their bond as of today's date \_\_\_\_\_? If yes, Division response was made to this request by letter dated \_\_\_\_\_. (see bond file).

N/A 4. (R649-2-10) The **Former** operator of any Fee lease wells listed above has been contacted and informed by letter dated \_\_\_\_\_, of their responsibility to notify all interest owners of this change.

NO 5. Bond information added to **RBDMS** on 6-27-00-RBDMS (BOND) SYSTEM DOWN.

NO 6. Fee wells attached to bond in **RBDMS** on 6-27-00 RBDMS (BOND) SYSTEM DOWN.

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### FILMING

\_\_\_\_\_ 1. All attachments to this form have been **microfilmed** on 3-26-00.

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### FILING

\_\_\_\_\_ 1. **Originals/Copies** of all attachments pertaining to each individual well have been filed in each **well file**.

\_\_\_\_\_ 2. The **original of this form** has been filed in the operator file and a copy in the old operator file.

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### COMMENTS

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# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

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

**RECEIVED**

FEB 17 2000

DIVISION OF  
OIL, GAS AND MINING

In Reply Refer To:  
3106  
U-0575A et al  
(UT-932)

FEB 16 2000

### NOTICE

Devon Energy Production Company L.P.	:	Oil and Gas
20 North Broadway, Suite 1500	:	U-0575A et al
Oklahoma City, Oklahoma 73102-8260	:	

### Merger Recognized

Acceptable evidence has been filed in this office concerning the merger of Devon Energy Corporation (Nevada) and PennzEnergy Exploration and Production Company, L.L.C. into Devon Energy Production Company, L.P. with that company being the surviving entity.

The oil and gas lease files listed on the enclosed exhibit have been noted as to the merger. The exhibit was compiled from your list of leases, and a list of leases obtained from our computer system. We have not attempted to identify leases where the entities are 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 merger 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.

PennzEnergy Company assigned 100 percent of the record title interest, in the following leases on the list submitted by Devon Energy Production Company L.P., to Barrett Resources Corporation (Barrett) effective January 1, 2000.

U-0143511  
U-0143512

U-4377  
U-4378

UTU-67943

Subsequently, Barrett assigned 100 percent of the record title interest to Coastal Oil & Gas Corporation effective February 1, 2000. A copy of this notice is being placed in these files to cover any overriding royalty interest that would be held by the surviving entity.

Lease U-0115614A is held 100 percent by Flying J Oil & Gas. PennzEnergy Company holds 100 percent of the record title interest in lease U-3575. No record title assignment assigning the interest to PennzEnergy Exploration and Production Company, L.L.C. has been filed in this office. A copy of this notice will be placed in the lease files to cover any overriding royalty interest that would be held by the surviving entity.

Leases U-61343, UTU-64532, UTU-66485 and UTU-75200 have expired and are closed on the records of this office.

An assumption rider for BLM Bond No. CO1104 has been filed in the Colorado State Office.

**/s/ Robert Lopez**

Robert Lopez  
Chief, Branch of  
Minerals Adjudication

Enclosure  
Exhibit

cc: Vernal Field Office (w/encl.)  
Moab Field Office (w/encl.)  
MMS, Reference Data Branch, MS3130, P.O. Box 5860, Denver, CO 80217 (w/encl.)  
State of Utah, DOGM, Attn: Kristen Risbeck (Ste. 1210), Box 145801, SLC, UT (w/encl.)  
Teresa Thompson (UT-931) (w/encl.)  
Irene Anderson (UT-932) (w/encl.)  
LaVerne Steah (UT-942) (w/encl.)

Exhibit of Leases

U-0575A  
U-01188B  
U-016654  
U-0115614A  
U-0115615  
U-0126825  
U-0141454

U-0141459  
U-0143511  
U-0143512  
U-0144868A  
U-3099  
U-3575  
UTU-74888

U-4377  
U-4378  
U-16131  
U-31262  
U-44426  
UTU-67943

Communitization Agreements

U-58774  
U-58799  
U-58830  
U-58834

U-58835  
U-58839  
U-58844  
U-58854

U-60827  
U-60831  
U-68998



# 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  
U-4377  
UTU-66485  
(UT-932)

**MAR 26 1999**

### NOTICE

PennzEnergy Exploration and Production L.L.C. : Oil and Gas  
P.O. Box 2967 :  
Houston, TX 77252-2967 :

#### Merger Recognized

Acceptable evidence has been filed in this office concerning the merger of Pennzoil Exploration and Production Company into PennzEnergy Exploration and Production L.L.C. with PennzEnergy Exploration and Production L.L.C. being the surviving entity.

For our purposes, the merger is recognized effective December 28, 1998, (Secretary of State's approval date).

Oil and gas lease files U-4377 and UTU-66485 have been noted as to the merger. The lease file numbers were obtained from a list of leases drawn from our Automated Land and Mineral Record System (ALMRS). We have not abstracted the lease files to determine if the entity affected by the merger holds an interest in the leases identified nor have we attempted to identify leases where the entity is the operator on the ground maintaining no vested record title or operating rights interests. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the 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.

By recognition of the merger, the principal/obligor is automatically changed by operation of law from Pennzoil Exploration and Production Company to PennzEnergy Exploration and Production L.L.C. on Bond No. 8023 29 91 (BLM Bond No. NM0043). The principal/obligor is also automatically changed from Pennzoil Exploration and Production Company to PennzEnergy Exploration and Production L.L.C. on Bond No. 8134-90-99 (BLM Bond No. NM2142).

**IRENE J. ANDERSON**

Irene J. Anderson  
Acting Group Leader,  
Minerals Adjudication Group

cc: Moab Field Office  
Vernal Field Office  
MMS, Reference Data Branch, MS 3130, Box 5860, Denver, CO 80217  
State of Utah, DOGM, Attn: Kristen Risbeck (Ste. 1210), Box 145801, SLC, UT 84114-5801  
Teresa Thompson (UT-931)



# 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  
U-0115615 et al  
(UT-932)

**MAR 26 1999**

### NOTICE

PennzEnergy Company : Oil and Gas  
P.O. Box 2967 :  
Houston, TX 77252-2967 :

### Merger Recognized

Acceptable evidence has been filed in this office concerning the merger of PennzEnergy Company into Pennzoil Company with PennzEnergy Company being the surviving entity.

For our purposes, the merger is recognized effective December 30, 1998, (Secretary of State's approval date).

The oil and gas lease files and communitization agreement computer files identified on the enclosed exhibit have been noted as to the merger. The exhibit was compiled from a list of leases obtained from our Automated Land and Mineral Record System (ALMRS). We have not abstracted the lease files to determine if the entity affected by the merger holds an interest in the leases identified nor have we attempted to identify leases where the entity is the operator on the ground maintaining no vested record title or operating rights interests. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the 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.

By recognition of the merger, the principal/obligor is automatically changed by operation of law from Pennzoil Company to PennzEnergy Company on Bond No. 8134-90-99 (BLM Bond No. NM2142).

**IRENE J. ANDERSON**

Irene J. Anderson  
Acting Group Leader,  
Minerals Adjudication Group

Enclosure  
Exhibit

cc: Moab Field Office  
Vernal Field Office  
MMS, Reference Data Branch, MS 3130, Box 5860, Denver, CO 80217  
State of Utah, DOGM, Attn: Kristen Risbeck (Ste. 1210), Box 145801, SLC, UT 84114-5801  
Teresa Thompson (UT-931)

Devon Energy Production Company, L.P.

FILED

DEC 30 1999

OKLAHOMA SECRETARY OF STATE

Certificate of Merger

TO: The Oklahoma Secretary of State  
101 State Capitol  
Oklahoma City, Oklahoma 73105

Devon Energy Production Company, L.P., a limited partnership organized under the laws of the State of Oklahoma, for the purpose of filing a Certificate of Merger pursuant to the provisions of 54 O.S. § 310.1, does hereby execute the following Certificate of Merger:

1. The name and jurisdiction of formation or organization of each of a domestic limited partnership, a foreign corporation and a foreign limited liability company which are to merge are:

<u>Name of Organization</u>	<u>Type of Organization</u>	<u>Jurisdiction of Formation</u>
Devon Energy Production Company, L.P.	Limited Partnership	Oklahoma
Devon Energy Corporation (Nevada)	Corporation	Nevada
PennzEnergy Exploration and Production Company, L.L.C.	Limited Liability Company	Delaware

2. An Agreement of Merger has been approved and executed by the limited partnership, the corporation and the limited liability company which are to merge.

3. The name of the surviving or resulting limited partnership is:

Devon Energy Production Company, L.P.

4. The merger shall be effective upon the filing of this Certificate of Merger with the Secretary of State of Oklahoma.

5. The Agreement of Merger is on file at the place of business of the surviving limited partnership at 1500 Mid-America Tower, 20 North Broadway, Oklahoma City, Oklahoma 73102.

6. A copy of the Agreement of Merger shall be furnished by the surviving or resulting limited partnership, upon request and without cost, to any partner of any limited partnership or any person holding an interest in any other business entity which is to merge.

RECEIVED

MAR 13 2000

DIVISION OF OIL, GAS AND MINING

DATED as of the 30th day of December, 1999.

Devon Energy Management Company, L.L.C.  
General Partner

By: J. Larry Nichols  
J. Larry Nichols, Manager

**RECEIVED**

MAR 13 2000

DIVISION OF  
OIL, GAS AND MINING

LD 635381-001

OFFICE OF THE SECRETARY OF STATE



CERTIFICATE OF MERGER

WHEREAS,

DEVON ENERGY PRODUCTION COMPANY, L.P.

*a limited partnership organized under the laws of the State of OKLAHOMA, has filed in the office of the Secretary of State duly authenticated evidence of a merger whereby said limited partnership is the survivor, as provided by the laws of the State of Oklahoma.*

*NOW THEREFORE, I, the undersigned Secretary of State of Oklahoma, by virtue of the powers vested in me by law, do hereby issue this Certificate evidencing such merger.*

*IN TESTIMONY WHEREOF, I hereunto set my hand and cause to be affixed the Great Seal of the State of Oklahoma.*

*Filed in the City of Oklahoma City this 30TH  
day of DECEMBER, 1999.*

*Mike Hunter*  
\_\_\_\_\_  
Secretary of State

By: *Burt L. Lene*  
\_\_\_\_\_

RECEIVED

APR 21 2000

TRANSFER OF AUTHORITY TO INJECT - UIC FORM 5

DIVISION OF  
OIL, GAS AND MINING

Well name and number: SWD 2-28A2  
Field or Unit name: Bluebell API no. 43-013-30346  
Well location: QQ NWSE section 28 township 1S range 2W county Duchesne  
Effective Date of Transfer: January 1, 2000

CURRENT OPERATOR

Transfer approved by:

Name R. D. Clark Company PennzEnergy Exploration and  
Production Company, L.L.C.  
Signature  Address 20 North Broadway, Suite 1500  
Oklahoma City, OK 73102-8260  
Title Vice President  
Date 4-17-00 Phone ( 405 ) 235-3611

Comments: Please use April 1, 2000 as the starting date for production reporting purposes.

NEH OPERATOR

Transfer approved by:

Name Rich K. McClanahan Company Devon Energy Production  
Company, L.P.  
Signature  Address 20 North Broadway, Suite 1500  
Oklahoma City, OK 73102-8260  
Title District Operations Supervisor  
Date 4-17-00 Phone ( 405 ) 235-3611

Comments: Please use April 1, 2000 as the starting date for production reporting purposes.

(State use only)

Transfer approved by  Title Prod. Services Manager  
Approval Date 10-16-00

## DESIGNATION OF AGENT OR OPERATOR

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

LEASE NAME: As per the attached spreadsheet.

LEASE NUMBER: \_\_\_\_\_

and hereby designates

NAME: Devon Energy Production Company, L.P.

ADDRESS: 20 North Broadway, Suite 1500, Oklahoma City, OK 73102-8260

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

(Describe acreage to which this designation is applicable, and identify each applicable oil and gas well by name and API number. Attach additional pages as needed.)

See attached spreadsheet.

Note: Please use April 1, 2000 as the starting date for production reporting purposes.

RECEIVED

APR 20 2000

DIVISION OF  
OIL, GAS AND MINING

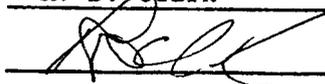
It is understood that this designation of agent/operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Oil and Gas Conservation General Rules and Procedural Rules of the Board of Oil, Gas and Mining of the State of Utah. It is also understood that this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

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

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

Effective Date of Designation: January 1, 2000

BY: (Name) R. D. Slark

(Signature) 

(Title) Vice President

(Phone) 405-235-3611

OF: (Company) PennzEnergy Exploration and Production Company, L.L.C.

(Address) 20 North Broadway, Suite 1500

Oklahoma City, OK 73102-8260

**DEVON ENERGY PRODUCTION COMPANY, L.P.**  
**UTAH PROPERTIES**

	<u>API NO.</u>	<u>WELL NAME &amp; NO.</u>	<u>LOCATION</u>	<u>COUNTY</u>	<u>FIELD NAME</u>	<u>LEASE NO. / AGREEMENT NO.</u>
82	4304730164	ROBERTSON UTE ST 1-12B1	SWNE-12-2S-1W	UNITAH	BLUEBELL	96101
83	4304730176	MAY UTE FEDERAL 1-13B1	NWSE-13-2S-1W	UNITAH	BLUEBELL	NW673
84	4304731981	COOK 1-26B1	SWSW-26-2S-1W	UNITAH	BLUEBELL	UTU68998
85	4304732178	CHRISTIANSEN 2-12B1	SWSE-12-2S-1W	UNITAH	BLUEBELL	96101
86	4304732351	BALLARD 2-15B1	SENE-15-2S-1W	UNITAH	BLUEBELL	
87	4304732744	RICH 2-13B1	NWNW-13-2S-1W	UNITAH	BLUEBELL	NW673
88	4301320255	SWD 4-11A2	NWNW-11-1S-2W	DUCHESNE	BLUEBELL	96107
89	4301330021	SWD 1-3A2	SESE-3-1S-2W	DUCHESNE	BLUEBELL	
90	4301330346	SWD 2-28A2	NWSE-28-1S-2W	DUCHESNE	BLUEBELL	
91	4301330367	SWD 2-10B1	NWNW-10-2S-1W	DUCHESNE	BLUEBELL	
92	4301330389	SWD 2-26A2	NESW-26-1S-2W	DUCHESNE	BLUEBELL	
93	4301330388	SWD 2-17C5	SENE-17-3S-5W	DUCHESNE	BLUEBELL	

**RECEIVED**

APR 20 2000

DIVISION OF  
OIL, GAS AND MINING

**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. GLH		4-KAS ✓
2. CDW		5- <del>STJ</del> ✓
3. JLT		6-FILE

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

**X Merger**

The operator of the well(s) listed below has changed, effective: 4-1-2000

**FROM:** (Old Operator):

PENNZENERGY COMPANY

Address: P. O. BOX 4616

6TH FLOOR

HOUSTON, TX 77210-4616

Phone: 1-(713)-546-6590

Account No. N4945

**TO:** ( New Operator):

DEVON ENERGY EXPL & PROD CO L. L. C.

Address 20 NORTH BROADWAY STE 1500

OKLAHOMA CITY, OK 73102-8260

Phone: 1-(405)-235-3611

Account N1275

WELL(S)	CA No.	Unit:				
	NAME	API NO.	ENTITY NO.	SEC. TWN RNG	LEASE TYPE	WELL TYPE
SWD 1-3A2	43-013-30021	99990	03-01S-02W	FEE	WD	A
SWD 4-11A2	43-013-20255	99990	11-01S-02W	FEE	WD	A
SWD 2-26A2	43-013-30389	99990	26-01S-02W	FEE	WD	A
SWD 2-28A2	<b>43-013-30346</b>	99990	<b>28-01S-02W</b>	FEE	WD	A
SWD 2-10B1	43-013-30367	99990	10-02S-01W	FEE	WD	A
SWD 2-17C5	43-013-30388	99990	17-03S-05W	FEE	WD	A

**OPERATOR CHANGES DOCUMENTATION**

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 04/20/2000
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 04/20/2000
- The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 10-12-2000
- Is the new operator registered in the State of Utah: YES Business Number: 4549132-0143
- If **NO**, the operator was contacted on: \_\_\_\_\_
- 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: 02/16/2000
- Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: N/A
- Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator

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

9. **Underground Injection Control ("UIC") Proj**; The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 10/16/2000

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**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 10/16/2000
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 10/16/2000
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: \_\_\_\_\_

---

**STATE BOND VERIFICATION:**

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

---

**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: YES
2. The **FORMER** operator has requested a release of liability from their bond on: 09/27/2000  
The Division sent response by letter on: 10/03/2000
3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: \_\_\_\_\_

---

**FILMING:**

1. All attachments to this form have been **MICROFILMED** on: 3.2.01

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>DISPOSAL WELL</u>		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: DEVON ENERGY PRODUCTION COMPANY, L.P.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: P.O BOX 290 CITY NEOLA STATE UT ZIP 84053		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2496' FSL, 1549' FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 28 1S 2W 6		8. WELL NAME and NUMBER: SWD 2-28A2
PHONE NUMBER: (435) 353-4121		9. API NUMBER: 4301330346
COUNTY: DUCHESNE		10. FIELD AND POOL, OR WILDCAT: BLUEBELL/DUCHESNE
STATE: UTAH		

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit In Duplicate) Approximate date work will start: <u>11/20/2002</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: <u>RUN STEP RATE TEST</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

SHUT WELL DOWN, RECORD SHUT IN PRESSURE  
RUN STEP RATE TEST WITH FORMATION WATER AT 1/2, 3/4, 1.0, 1.5, 2.0, 3.0 & 5.0 BPM FOR 30 MINUTES EACH,  
RECORD STABILIZED INJECTION RATE FOR EACH RATE. SHUT DOWN, RECORD ISIP.  
RETURN WELL TO PRODUCTION.

NAME (PLEASE PRINT) JOHN PULLEY TITLE SR. OPERATIONS ENGINEER  
SIGNATURE *John Pulley* DATE 11/14/2002

(This space for State use only)

\* Recommended procedures Attached.

\* APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING  
DATE: 11-19-2002  
BY: *[Signature]*

RECOMMENDATIONS FOR PERFORMING  
INJECTION WELL  
STEP-RATE TESTS



STATE OF UTAH  
DIVISION OF OIL, GAS & MINING  
UNDERGROUND INJECTION CONTROL PROGRAM

## General

Step-rate injection tests are performed on wells to determine the maximum safe injection pressure at which a well can operate that is below the formation fracturing (parting) pressure. Tests on wells which have been previously fractured will determine pressure at which fractures will re-open or be extended. It is important to stay below the parting pressure during normal operation of injection wells to prevent out of zone fluid and energy loss.

## Testing Procedure

Step-rate tests are run by injecting fluid at a series of increasing rates or pressures with each step being of equal time length. Injection pressures, rates, and times are recorded for each step.

- Plans should be made to assure an adequate water supply is available for the entire test.
- Steps should be long enough to allow for adequate stabilization of the reservoir. A minimum of 15 minutes is recommended and 30 to 60 minutes especially if the injection zone has low permeability.
- A minimum of 7 steps is recommended to define the parting pressure, 4 steps below the parting pressure and 3 steps above the parting pressure.
- Either rate or pressure must be held constant during each step.
- Steps must be of equal time length.
- Plot test results. Pressure versus rate should be plotted using downhole pressure data. A break in slope should indicate the parting pressure of the formation.

Pressure fall-off tests can be run to verify if a break in a pressure-rate plot is actually caused by fracturing. Short term fall-off tests can be run above and below the apparent parting pressure and analyzed for fracture length. If the calculated fracture length from the high pressure test is much longer, the break probably represents fracturing.

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

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

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5. LEASE DESIGNATION AND SERIAL NUMBER:		
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
7. UNIT or CA AGREEMENT NAME:		
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>SWD</u>		8. WELL NAME and NUMBER: <b>SWD 2-28A2</b>
2. NAME OF OPERATOR: <b>DEVON ENERGY PRODUCTION COMPANY, LP</b>		9. API NUMBER: <b>4301330346</b>
3. ADDRESS OF OPERATOR: <b>P.O. BOX 290</b> CITY <b>NEOLA</b> STATE <b>UT</b> ZIP <b>84066</b>	PHONE NUMBER: <b>(435) 353-4121</b>	10. FIELD AND POOL, OR WILDCAT: <b>BLUEBELL/DUCHESNE RIVER</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>2496' FSL &amp; 1549' FEL</b> COUNTY: <b>DUCHESNE</b>  QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>NENW 28 T1S R2W 6</b> STATE: <b>UTAH</b>		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will start: <u>1/6/2003</u>  <input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion: _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/RESUME) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: <u>MIT</u>

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

THE MECHANICAL INTEGRITY TEST ON THE ABOVE REFERENCED WELL IS DUE JANUARY 2003. DEVON ENERGY PRODUCTION COMPANY, LP WOULD LIKE TO SCHEDULE THE TEST FOR MONDAY, JANUARY 6, 2003. PLEASE CONTACT ME AT (435) 353-5784 TO SCHEDULE A TIME.

**RECEIVED**  
**DEC 13 2002**  
**DIV. OF OIL, GAS & MINING**

NAME (PLEASE PRINT) <u>GEORGE GURR</u>	TITLE <u>ASSISTANT FOREMAN</u>
SIGNATURE	DATE <u>12/10/2002</u>

(This space for State use only)

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

FORM 9

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1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>SWD</u>		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: DEVON ENERGY PRODUCTION COMPANY, LP		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: P.O. BOX 290 CITY <u>NEOLA</u> STATE <u>UT</u> ZIP <u>84066</u>		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: <u>2496' FSL &amp; 1549' FEL</u> QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <u>NENW 28 T1S R2W 6</u>		8. WELL NAME and NUMBER: <u>SWD 2-28A2</u>
PHONE NUMBER: <u>(435) 353-4121</u>		9. API NUMBER: <u>4301330346</u>
COUNTY: <u>DUCHESNE</u>		10. FIELD AND POOL, OR WILDCAT: <u>BLUEBELL/DUCHESNE RIVER</u>
STATE: <u>UTAH</u>		

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: <u>1/6/2003</u>	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
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	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
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	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>MIT</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

ATTACHED IS THE STATE OF UTAH INJECTION WELL - PRESSURE TEST FORM AND THE UNITED STATES ENVIROMENTAL PROTECTION AGENCY MECHANICAL INTEGRITY FORM COMPLETED BY DENNIS INGRAM, STATE OF UTAH INSPECTOR, AND KENT BASTIAN, DEVON ENERGY PRODUCTION COMPANY, LP REPRESENTATIVE.

TESTING OCCURRED FOR 30 MINUTES, MAXIMUM ANNULUS PRESSURE WAS 915 PSI, MAXIMUM TUBING PRESSURE WAS 1350 PSI. BASED ON THE RESULTS OF THE TEST, THE ABOVE REFERENCED WELL PASSED THE MECHANICAL INTEGRITY TEST.

**RECEIVED**  
1/7/2003  
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) GEORGE GURR TITLE ASSISTANT FOREMAN

SIGNATURE *George Gurr* DATE 1/7/2003

(This space for State use only)

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

## INJECTION WELL - PRESSURE TEST

Test Date: <u>01-06-03</u>	Well Owner/Operator: <u>DEWEN ENERGY EXPLORATION</u>
Disposal Well: <u>WDW</u>	Enhanced Recovery Well: _____ Other: _____
API No.: <u>43-013-</u>	Well Name/Number: <u>ANDERSON 2-28A2</u>
Section: <u>28</u>	Township: <u>15</u> Range: <u>2W</u>

## Initial Conditions:

Tubing - Rate: \_\_\_\_\_ Pressure: 1180 psi  
 Casing/Tubing Annulus - Pressure: 0 psi

## Conditions During Test:

Time (Minutes)	Annulus Pressure	Tubing Pressure
0	<u>900</u>	<u>1180</u>
5	<u>900</u>	<u>1220</u>
10	<u>900</u>	<u>1250</u>
15	<u>905</u>	<u>1280</u>
20	<u>910</u>	<u>1300</u>
25	<u>915</u>	<u>1320</u>
30	<u>915</u>	<u>1350</u>

Results: Pass/Fail

## Conditions After Test:

Tubing Pressure: 1350 psi  
 Casing/Tubing Annulus Pressure: 0 psi

## REMARKS:

Tested @ 10:35 am Injection during test.

E.K. Bastian

Operator Representative

DOG M Witness

Annals Longman



Devon Energy Production Company, LP  
8345 North 5125 West  
Neola, UT 84053  
(435) 353-4121 (Voice)  
(435) 353-4139 (Fax)

January 7, 2003

Mr. Al Craver (Mail code: 8ENF-T)  
United States Environmental Protection Agency  
Region 8  
999 18<sup>th</sup> Street  
Suite 300  
Denver, CO 80202-2466

**RE: MECHANICAL INTEGRITY TEST  
EPA PERMIT UT2667-02723  
SWD 2-28A2  
2496' FSL & 1549' FEL  
SECTION 28 T1S, R2W  
DUCHESNE COUNTY, UTAH**

Dear Mr. Craver:

Attached is the State of Utah Injection Well – Pressure Test and the United States Environmental Protection Agency Mechanical Integrity forms completed on the above referenced well.

Test was conducted by Kent Bastian, Devon Energy Production Company, LP Representative and witnessed by Dennis Ingram, State of Utah Inspector.

Testing occurred for 30 minutes, maximum annulus pressure was 915 psi, maximum tubing pressure was 1350 psi. Based on results of test, well passed mechanical integrity test.

Sincerely,

George Gurr  
Assistant Forman

Attachments: U.S. EPA Mechanical Integrity Test  
State of Utah Injection Well – Pressure Test



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 REGION VIII  
 999 18th STREET - SUITE 500  
 DENVER, COLORADO 80202-2405

MECHANICAL INTEGRITY PRESSURE TEST  
 CASING/TUBING ANNULUS

Company Name: Devon Energy Production Date: 1-6-03  
 Well Name: Owen Anderson Permit No. UT 2667-02723  
 Field Name: Altamont Bluebell County: Duchesne  
 Well Location: 2496 FSL + 1549 FEL Sec 28 T 1 S R 2 W  
 Well Type: SWD  ER  2H  Other:   
 Type of Packer: Model D Baker Total Depth: 3440  
 Packer Set at (depth): 1970' FT  
 Surface Casing Size: 9 5/8 From: Surface FT to 495 FT  
 Casing Size: 7 From: Surface FT to 3500 FT  
 Tubing Size: 2 7/8" Tubing Pressure during Test: 1180 psig  
 Time of Day: 10:35 am/pm

	Test #1	Test #2
0 Min:	<u>900</u> psig	_____ psig
5	<u>900</u> psig	_____ psig
10	<u>900</u> psig	_____ psig Tbg- 1220
15	<u>905</u> psig	_____ psig Tbg- 1250
20	<u>910</u> psig	_____ psig Tbg 1280
25	<u>915</u> psig	_____ psig Tbg 1300
30	<u>915</u> psig	_____ psig Tbg 1320
35	_____ psig	_____ psig Tbg 1350
40	_____ psig	_____ psig
45	_____ psig	_____ psig
50	_____ psig	_____ psig
55	_____ psig	_____ psig
60	_____ psig	_____ psig

Test Conducted by: Kent Bastian  
 Inspected by: Donald E. Taylor (State of Utah)  
 Others Present: \_\_\_\_\_



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

FORM 9

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		7. UNIT or CA AGREEMENT NAME:
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2. NAME OF OPERATOR: <b>DEVON ENERGY PRODUCTION COMPANY, LP</b>		9. API NUMBER: <b>4301330346</b>
3. ADDRESS OF OPERATOR: P.O. BOX 290 CITY <u>NEOLA</u> STATE <u>UT</u> ZIP <u>84066</u>		10. FIELD AND POOL, OR WILDCAT: <b>BLUEBELL/DUCHESNE RIVER</b>
PHONE NUMBER: <b>(435) 353-4121</b>		
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>2496' FSL &amp; 1549' FEL</b>		COUNTY: <b>DUCHESNE</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>NENW 28 T1S R2W 6</b>		STATE: <b>UTAH</b>

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: <u>1/6/2003</u>	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>MIT</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

ATTACHED IS THE STATE OF UTAH INJECTION WELL - PRESSURE TEST FORM AND THE UNITED STATES ENVIROMENTAL PROTECTION AGENCY MECHANICAL INTEGRITY FORM COMPLETED BY DENNIS INGRAM, STATE OF UTAH INSPECTOR, AND KENT BASTIAN, DEVON ENERGY PRODUCTION COMPANY, LP REPRESENTATIVE.

TESTING OCCURRED FOR 30 MINUTES, MAXIMUM ANNULUS PRESSURE WAS 915 PSI, MAXIMUM TUBING PRESSURE WAS 1350 PSI. BASED ON THE RESULTS OF THE TEST, THE ABOVE REFERENCED WELL PASSED THE MECHANICAL INTEGRITY TEST.

**RECEIVED**  
JAN 14 2003  
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) <u>GEORGE GURR</u>	TITLE <u>ASSISTANT FOREMAN</u>
SIGNATURE	DATE <u>1/7/2003</u>

(This space for State use only)

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

INJECTION WELL - PRESSURE TEST

Test Date: <u>01-06-03</u>	Well Owner/Operator: <u>DEAN ENERGY EXPLORATION</u>
Disposal Well: <u>WDW</u>	Enhanced Recovery Well: _____ Other: _____
API No.: <u>43-013-</u>	Well Name/Number: <u>ANDERSON 2-28A2</u>
Section: <u>28</u>	Township: <u>1S</u> Range: <u>2W</u>

Initial Conditions:

Tubing - Rate: \_\_\_\_\_ Pressure: 1180 psi  
 Casing/Tubing Annulus - Pressure: 0 psi

Conditions During Test:

Time (Minutes)	Annulus Pressure	Tubing Pressure
0	<u>900</u>	<u>1180</u>
5	<u>900</u>	<u>1220</u>
10	<u>900</u>	<u>1250</u>
15	<u>905</u>	<u>1280</u>
20	<u>910</u>	<u>1300</u>
25	<u>915</u>	<u>1320</u>
30	<u>915</u>	<u>1350</u>

Results: Pass/Fail

Conditions After Test:

Tubing Pressure: 1350 psi  
 Casing/Tubing Annulus Pressure: 0 psi

REMARKS:

Tested @ 10:35 am Injecting during test.

E.K. Bastian  
 \_\_\_\_\_  
 Operator Representative

DOG M Witness Annab Longman



Devon Energy Production Company, LP  
8345 North 5125 West  
Neola, UT 84053  
(435) 353-4121 (Voice)  
(435) 353-4139 (Fax)

January 7, 2003

Mr. Al Craver (Mail code: 8ENF-T)  
United States Environmental Protection Agency  
Region 8  
999 18<sup>th</sup> Street  
Suite 300  
Denver, CO 80202-2466

**RE: MECHANICAL INTEGRITY TEST  
EPA PERMIT UT2667-02723  
SWD 2-28A2  
2496' FSL & 1549' FEL  
SECTION 28 T1S, R2W  
DUCHESNE COUNTY, UTAH**

Dear Mr. Craver:

Attached is the State of Utah Injection Well – Pressure Test and the United States Environmental Protection Agency Mechanical Integrity forms completed on the above referenced well.

Test was conducted by Kent Bastian, Devon Energy Production Company, LP Representative and witnessed by Dennis Ingram, State of Utah Inspector.

Testing occurred for 30 minutes, maximum annulus pressure was 915 psi, maximum tubing pressure was 1350 psi. Based on results of test, well passed mechanical integrity test.

Sincerely,

George Gurr  
Assistant Forman

Attachments: U.S. EPA Mechanical Integrity Test  
State of Utah Injection Well – Pressure Test



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 REGION VIII  
 999 18th STREET - SUITE 500  
 DENVER, COLORADO 80202-2405

MECHANICAL INTEGRITY PRESSURE TEST  
 CASING/TUBING ANNULUS

Company Name: Devon Energy Production Date: 1-6-03  
 Well Name: Owen Anderson Permit No. UT 2667-02723  
 Field Name: Altamont Bluebell County: Duchesne  
 Well Location: 2496 FSL + 1549 FEL Sec 28 T 1 S R 2 W  
 Well Type: SWD  ER  2H  Other:   
 Type of Packer: Model D Baker Total Depth: 3440  
 Packer Set at (depth): 1970' FT  
 Surface Casing Size: 9 5/8 From: Surf face FT to 495 FT  
 Casing Size: 7 From: Surf face FT to 3500 FT  
 Tubing Size: 2 7/8" Tubing Pressure during Test: 1180 psig  
 Time of Day: 10:35 am/pm

	Test #1	Test #2
0 Min:	<u>900</u> psig	_____ psig
5	<u>900</u> psig	_____ psig
10	<u>900</u> psig	_____ psig Tbg. 1220
15	<u>905</u> psig	_____ psig Tbg. 1250
20	<u>910</u> psig	_____ psig Tbg 1280
25	<u>915</u> psig	_____ psig Tbg 1300
30	<u>915</u> psig	_____ psig Tbg 1320
35	_____ psig	_____ psig Tbg 1350
40	_____ psig	_____ psig
45	_____ psig	_____ psig
50	_____ psig	_____ psig
55	_____ psig	_____ psig
60	_____ psig	_____ psig

Test Conducted by: Kent Bostain Devon Energy  
 Inspected by: James E. Layman (State of Utah)  
 Others Present: \_\_\_\_\_

# Mechanical Integrity Test

Additional comments for mechanical integrity test \_\_\_\_\_

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Signature of EPA Witness \_\_\_\_\_

OFFICE USE ONLY - COMPLIANCE FOLLOWUP		Staff	Date
Do you agree that the well passed/failed the test?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Transfer of ownership?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	OLD NEW <input type="checkbox"/> Yes <input type="checkbox"/> No
Change in operating status (computer update)	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Possible violation identified?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
If YES - Followup initiated?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No

- Data Entry
- Compliance Staff
- 2nd Data Entry
- Hard Copy Filing

This is the back side of two sides.

INSPECTION FORM 6

STATE OF UTAH  
DIVISION OF OIL GAS AND MINING

RBDMS  
CP

INJECTION WELL - PRESSURE TEST

*Bluebell*  
 Well Name: SWO 2-28A2 API Number: 43 013 30346  
 Qtr/Qtr: NWSE Section: 28 Township: 15 Range: 2W  
 Company Name: Devon Energy Production Company, LP  
 Lease: State  Fee  Federal  Indian   
 Inspector: [Signature] Date: 01/07/08

Initial Conditions:

Tubing - Rate: Injecting Pressure: 1450 psi  
 Casing/Tubing Annulus - Pressure: 0 to 1040 psi

Conditions During Test:

Time (Minutes)	Annulus Pressure	Tubing Pressure
0	<u>1040</u>	<u>1450</u>
5	<u>1040</u>	<u>1450</u>
10	<u>1040</u>	<u>1450</u>
15	<u>1040</u>	<u>1450</u>
20	<u>1040</u>	<u>1450</u>
25	<u>1040</u>	<u>1450</u>
30	<u>1040</u>	<u>1450</u>

Results: Pass/Fail

Conditions After Test:

Tubing Pressure: 1450 psi  
 Casing/Tubing Annulus Pressure: 1040 psi

COMMENTS: Tested @ 11:25 am for 5 year life

E.K. Bastian  
 Operator Representative

ALREADY placed into  
RBDMS

RECEIVED

JAN 07 2008

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Water Disposal Well	8. WELL NAME and NUMBER: BLUEBELL 2-28A2
2. NAME OF OPERATOR: DEVON ENERGY PROD CO LP	9. API NUMBER: 43013303460000
3. ADDRESS OF OPERATOR: P.O. Box 290 8345 North 5125 West, Neola, UT, 84053	PHONE NUMBER: 405 228-4248 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2496 FSL 1549 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 28 Township: 01.0S Range: 02.0W Meridian: U	9. FIELD and POOL or WILDCAT: BLUEBELL
	COUNTY: DUCHESNE
	STATE: UTAH

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

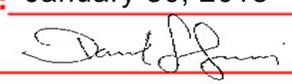
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 1/16/2013	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="Mechanical Integrity Test"/>

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

The mechanical integrity test on the above referenced well is due January 2013. The test can be witnessed on Wednesday, January 16, 2013. George Gurr will be your contact and can be reached at 435-353-5784 or 435-610-0802. Thank you for your assistance. 1/16/2013 Due to inclement weather (below 0°), we are requesting that this MIT be done in Spring when weather is warmer; reviewed with Dennis Ingram.

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

**Date:** January 30, 2013

**By:** 

<b>NAME (PLEASE PRINT)</b> Deanna Bell	<b>PHONE NUMBER</b> 435 353-5780	<b>TITLE</b> Senior Field Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 1/7/2013	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Water Disposal Well	8. WELL NAME and NUMBER: BLUEBELL 2-28A2
2. NAME OF OPERATOR: DEVON ENERGY PROD CO LP	9. API NUMBER: 4301330346000
3. ADDRESS OF OPERATOR: P.O. Box 290 8345 North 5125 West, Neola, UT, 84053	PHONE NUMBER: 405 228-4248 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2496 FSL 1549 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 28 Township: 01.0S Range: 02.0W Meridian: U	9. FIELD and POOL or WILDCAT: BLUEBELL
	COUNTY: DUCHESNE
	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <b>3/27/2013</b>	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <span style="border: 1px solid black; padding: 2px;">INJECTION WELL PRESSURE TEST</span>

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

Subsequent report for NOI dated 1/7/2013 to perform an injection well pressure test. State of Utah, Division of Oil, Gas & Mining Injection Well - Pressure Test Form is completed and attached; Dennis Ingram, DOGM Specialist, witnessed and passed test. If additional information is needed, please contact George Gurr, Production Foreman, 435-353-5784.

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

Date: April 10, 2013

By:

<b>NAME (PLEASE PRINT)</b> Deanna Bell	<b>PHONE NUMBER</b> 435 353-5780	<b>TITLE</b> Senior Field Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 4/2/2013	

INSPECTION FORM 6

STATE OF UTAH  
DIVISION OF OIL GAS AND MINING

**INJECTION WELL - PRESSURE TEST**

Well Name: <u>SWD Anderson 2-28A2</u>	API Number: <u>43-013-30346</u>
Qtr/Qtr: <u>NWSE</u>	Section: <u>28</u> Township: <u>1S</u> Range: <u>2W</u>
Company Name: <u>DEVON ENERGY Prod Co LP.</u>	
Lease: State <u>Utah</u> <input checked="" type="checkbox"/> Fee <input checked="" type="checkbox"/>	Federal <input type="checkbox"/> Indian <input type="checkbox"/>
Inspector: <u>[Signature]</u>	Date: <u>3-27-13</u>

Initial Conditions:

Tubing - Rate: 800 RPD Pressure: 1490 psi

Casing/Tubing Annulus - Pressure: 0 psi

Conditions During Test: Warm

Time (Minutes)	Annulus Pressure	Tubing Pressure
0	<u>1050</u>	<u>1490</u>
5	<u>1050</u>	<u>1490</u>
10	<u>1050</u>	<u>1490</u>
15	<u>1050</u>	<u>1490</u>
20	<u>1050</u>	<u>1490</u>
25	<u>1050</u>	<u>1490</u>
30	<u>1050</u>	<u>1490</u>

Results: Pass/Fail

Conditions After Test: Warm

Tubing Pressure: 1490 psi

Casing/Tubing Annulus Pressure: 0 psi

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

E.K. Barton  
Operator Representative

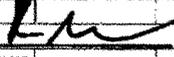
State of Utah - Division of OGM  
 1594 West North Temple  
 Suite 1210 Box 145801  
 SLC, UT 84114-5801

Devon Energy Production Co., LP  
 333 W Sheridan Ave.  
 Oklahoma City, OK 73102-8260

Monthly Injection Report for September 2013

Well No.	Sep-13	Hrs On	Volume		Max. PSI	Avg. PSI	TBG/CSB Annul PSI	Dn. Hrs.
			Injected BBL					
SWD 2-28A2	1	24	103		1480	1480	0	0
SWD 2-28A2	2	24	24		1500	1500	0	0
SWD 2-28A2	3	24	0		1450	1450	0	0
SWD 2-28A2	4	24	12		1450	1450	0	0
SWD 2-28A2	5	24	0		1500	1500	0	0
SWD 2-28A2	6	24	15		1500	1500	0	0
SWD 2-28A2	7	24	327		1450	1450	0	0
SWD 2-28A2	8	24	32		1500	1500	0	0
SWD 2-28A2	9	24	0		1500	1500	0	0
SWD 2-28A2	10	24	4		1050	1050	0	0
SWD 2-28A2	11	24	96		1050	1050	0	0
SWD 2-28A2	12	24	103		1500	1500	0	0
SWD 2-28A2	13	24	5		1100	1100	0	0
SWD 2-28A2	14	24	51		1100	1100	0	0
SWD 2-28A2	15	24	38		1100	1100	0	0
SWD 2-28A2	16	24	76		1100	1100	0	0
SWD 2-28A2	17	24	0		1000	1000	0	0
SWD 2-28A2	18	24	50		1000	1000	0	0
SWD 2-28A2	19	24	50		1000	1000	0	0
SWD 2-28A2	20	24	93		1000	1000	0	0
SWD 2-28A2	21	24	0		1000	1000	0	0
SWD 2-28A2	22	24	137		1000	1000	0	0
SWD 2-28A2	23	24	119		1400	1400	0	0
SWD 2-28A2	24	24	114		1400	1400	0	0
SWD 2-28A2	25	24	122		1400	1400	0	0
SWD 2-28A2	26	24	130		1400	1400	0	0
SWD 2-28A2	27	24	140		1400	1400	0	0
SWD 2-28A2	28	24	230		1400	1400	0	0
SWD 2-28A2	29	24	118		1300	1300	0	0
SWD 2-28A2	30	24	219		1500	1500	0	0
<b>Total/Avg Cumulative</b>		720	2408 17,494,985					0

API NO. 43-013-30346-00. I certify the foregoing is true and correct to the best of my knowledge.

Signed  Date 4/2/2014  
 Rachel Lowe

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

**ROUTING**  
 CDW

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

Operator Name Change/Merger

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

**8/29/2014**

<b>FROM:</b> (Old Operator): DEVON ENERGY PRODUCTION COMPANY L.P. N1275 333 WEST SHERIDAN AVENUE OKLAHOMA CITY OK 73102-5015	<b>TO:</b> ( New Operator): LINN OPERATING INC N4115 1999 BROADWAY STE 3700 DENVER CO 80202  303-999-4275
---	--

WELL NAME	CA No.	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
See Attached List									

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/16/2014
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/16/2014
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 10/8/2014
- a. Is the new operator registered in the State of Utah: Business Number: 9031632-0143
- a. (R649-9-2)Waste Management Plan has been received on: Yes
- b. Inspections of LA PA state/fee well sites complete on: N/A
- c. Reports current for Production/Disposition & Sundries on: 10/8/2014
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM NOT YET BIA NOT YET
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: N/A
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- Underground Injection Control ("UIC")** 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: 9/24/2014

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 10/8/2014
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 10/8/2014
- Bond information entered in RBDMS on: 10/8/2014
- Fee/State wells attached to bond in RBDMS on: 10/8/2014
- Injection Projects to new operator in RBDMS on: N/A
- Receipt of Acceptance of Drilling Procedures for APD/New on: 10/8/2014
- Surface Agreement Sundry from **NEW** operator on Fee Surface wells received on: 9/16/2014

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: NMB000501
- Indian well(s) covered by Bond Number: NMB000501
- a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number LPM9149893
- b. The **FORMER** operator has requested a release of liability from their bond on: N/A

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 10/8/2014

**COMMENTS:**

Devon Energy Production Company, L.P. N1275 to Linn Operating, Inc N4115  
Effective 8/29/2014

Well Name	Section	Township	Range AP	API Number	Entity	Mineral Lease	Well Type	Well Status
SWD 4-11A2	11	010S	020W	4301320255	99990	Fee	WD	A
VIRGIL MECHAM 1-11A2	11	010S	020W	4301330009	5760	Fee	WD	A
1-3A2	3	010S	020W	4301330021	99990	Fee	WD	A
BLUEBELL 2-28A2	28	010S	020W	4301330346	99990	Fee	WD	A
SALERATUS 2-17C5	17	030S	050W	4301330388	99990	Fee	WD	A
CENTRAL BLUEBELL 2-26A2	26	010S	020W	4301330389	99990	Fee	WD	A
BALLARD 2-15B1	15	020S	010W	4304732351	11476	Fee	WD	A
GALLOWAY #3-14B2	14	020S	020W	4301351741		Fee	OW	APD
GALLOWAY #3-12B2	12	020S	020W	4301351742		Fee	OW	APD
GALLOWAY 4-14B2	14	020S	020W	4301351818		Fee	OW	APD
MORRIS #3-8B1	8	020S	010W	4301351836		State	OW	APD
FRITZ #3-24A2	24	010S	020W	4301351837		Fee	OW	APD
GALLOWAY #2-14B2	14	020S	020W	4301351739	19044	Fee	OW	DRL
EMERALD 2-32A1	32	010S	010W	4301350059	17980	Fee	OW	OPS
CLYDE MURRAY 1-2A2	2	010S	020W	4301330005	5876	Fee	OW	P
VICTOR C BROWN 1-4A2	4	010S	020W	4301330011	5780	Fee	OW	P
DOUG BROWN 2-4A2	4	010S	020W	4301330017	5840	Fee	OW	P
L BOREN U 3-15A2	15	010S	020W	4301330086	5755	Fee	OW	P
LAMICQ-URTY U 3-17A2	17	010S	020W	4301330099	5745	Fee	OW	P
L BOREN U 5-22A2	22	010S	020W	4301330107	5900	Fee	OW	P
L BOREN U 4-23A2	23	010S	020W	4301330115	5905	Fee	OW	P
TOMLINSON FED 1-25A2	25	010S	020W	4301330120	5535	Federal	OW	P
WOODWARD 1-21A2	21	010S	020W	4301330130	5665	Fee	OW	P
LAMICQ 1-20A2	20	010S	020W	4301330133	5400	Fee	GW	P
L RBRTSN ST 1-1B2	1	020S	020W	4301330200	5410	State	OW	P
SMITH ALBERT 1-8C5	8	030S	050W	4301330245	5490	Fee	OW	P
FRESTON ST 1-8B1	8	020S	010W	4301330294	5345	Fee	OW	P
GEORGE MURRAY 1-16B1	16	020S	010W	4301330297	5950	Fee	OW	P
LAMICQ-URTY U 4-5A2	5	010S	020W	4301330347	5845	Fee	OW	P
H G COLTHARP 1-15B1	15	020S	010W	4301330359	5945	Fee	OW	P
STATE 3-18A1	18	010S	010W	4301330369	5810	Fee	OW	P
LAMICQ 2-6B1	6	020S	010W	4301330809	2301	Fee	OW	P
DILLMAN 2-28A2	28	010S	020W	4301330821	5666	Fee	OW	P
HAMBLIN 2-26-A2	26	010S	020W	4301330903	5361	Fee	OW	P
JOHN 2-3-B2	3	020S	020W	4301330975	5387	Fee	OW	P
LAMICQ-ROBERTSON ST 2-1B2	1	020S	020W	4301330995	5412	Fee	OW	P
UTE TRIBAL 2-7A2	7	010S	020W	4301331009	5836	Indian	OW	P
HATCH 2-3B1	3	020S	010W	4301331147	10615	Fee	OW	P
NORLING 2-9B1	9	020S	010W	4301331151	10616	Fee	OW	P
SHAW 2-27A2	27	010S	020W	4301331184	10753	Fee	OW	P
LAMICQ-URRITY 4-17A2	17	010S	020W	4301331190	10764	Fee	OW	P
LAMICQ 2-20A2	20	010S	020W	4301331191	10794	Fee	OW	P
FRESTON 2-8B1	8	020S	010W	4301331203	10851	Fee	OW	P
WISSE 3-35A2	35	010S	020W	4301331215	10925	Fee	OW	P
MECCA 2-8A2	8	010S	020W	4301331231	10981	Fee	OW	P
SWYKES 2-21A2	21	010S	020W	4301331235	10998	Fee	OW	P
SHERMAN 2-12B2	12	020S	020W	4301331238	11009	Fee	OW	P
DUNCAN 4-2A2	2	010S	020W	4301331276	11258	Fee	GW	P
HAMBLIN 3-9A2	9	010S	020W	4301331278	11094	Fee	GW	P
BAR-F 2-5B1	5	020S	010W	4301331286	11113	Fee	OW	P
SMITH 2-9C5	9	030S	050W	4301331321	11245	Fee	OW	P
LORANGER 2-24A2	24	010S	020W	4301331322	11244	Fee	OW	P
UTE 2-6B3	6	020S	030W	4301331325	11446	Indian	OW	P
MCELPRANG 2-30A1	30	010S	010W	4301331326	11252	Fee	OW	P

Devon Energy Production Company, L.P. N1275 to Linn Operating, Inc N4115  
 Effective 8/29/2014

Well Name	Section	Township	Range AP	API Number	Entity	Mineral Lease	Well Type	Well Status
SMITH 2-7C5	7	030S	050W	4301331327	11324	Indian	OW	P
SMITH 2-18C5	18	030S	050W	4301331328	11336	Indian	OW	P
UTE 2-24A3	24	010S	030W	4301331329	11339	Indian	OW	P
UTE 5-19A2	19	010S	020W	4301331330	11277	Indian	OW	P
EDWARDS 3-10B1	10	020S	010W	4301331332	11264	Fee	OW	P
SUNDANCE 4-15A2	15	010S	020W	4301331333	11269	Fee	OW	P
LORANGER 6-22A2	22	010S	020W	4301331334	11335	Fee	OW	P
COX 2-36A2	36	010S	020W	4301331335	11330	Fee	OW	P
SMITH 2-6C5	6	030S	050W	4301331338	11367	Indian	OW	P
FRESTON 2-7B1	7	020S	010W	4301331341	11338	Fee	OW	P
PEARSON 2-11B2	11	020S	020W	4301331356	11359	Fee	OW	P
CHAPMAN 2-4B2	4	020S	020W	4301331378	11485	Fee	OW	P
LAMB 2-16A2	16	010S	020W	4301331390	11487	Fee	OW	P
LABRUM 2-23A2	23	010S	020W	4301331393	11514	Fee	OW	P
POWELL 2-16B1	16	020S	010W	4301331820	12342	Fee	OW	P
BOWMAN 5-5A2	5	010S	020W	4301332202	13043	Fee	OW	P
BOREN 4-9A2	9	010S	020W	4301332203	13079	Fee	OW	P
BLANCHARD 3-10A2	10	010S	020W	4301332223	13149	Fee	OW	P
SQUIRES 3-8A2	8	010S	020W	4301332227	13176	Fee	OW	P
BROWN 3-4A2	4	010S	020W	4301332684	14673	Fee	OW	P
GALLOWAY 3-11B2	11	020S	020W	4301334304	18527	Fee	OW	P
OWL AND THE HAWK 3-9C5	9	030S	050W	4301351214	18649	Fee	OW	P
Bingham #3-4B1	4	020S	010W	4301351464	18825	Fee	OW	P
RED MOUNTAIN 3-5B1	5	020S	010W	4301351632	18954	Fee	OW	P
MECHAM #3-1B2	1	020S	020W	4301351844	19082	State	OW	P
MIKE AND SHELLEY #3-4B2	4	020S	020W	4301351845	19083	Fee	OW	P
RBRTSN UTE ST 1-12B1	12	020S	010W	4304730164	5475	Fee	OW	P
MAY UTE FED 1-13B1	13	020S	010W	4304730176	5435	Fee	OW	P
COOK 1-26B1	26	020S	010W	4304731981	11212	Fee	OW	P
CHRISTIANSEN 2-12B1	12	020S	010W	4304732178	11350	Fee	OW	P
RICH 2-13B1	13	020S	010W	4304732744	12046	Fee	OW	P
THOMAS 4-10B1	10	020S	010W	4304734080	13284	Fee	OW	P
HAMAKER 3-12B1	12	020S	010W	4304752294	18650	Fee	OW	P
BETTS 2-26B1	26	020S	010W	4304752435	18698	Fee	OW	P
STATE 1-10A2 (3-10C)	10	010S	020W	4301330006	5860	State	GW	S
L BOREN U 6-16A2	16	010S	020W	4301330123	5750	Fee	OW	S
UTE TRIBAL 1-6B3	6	020S	030W	4301330136	5705	Indian	OW	S
MAUREL TAYLOR FEE 1-36A2	36	010S	020W	4301330143	5525	Fee	OW	S
CAMPBELL UTE ST 1-7B1	7	020S	010W	4301330236	5295	Indian	OW	S
D L GALLOWAY 1-14B2	14	020S	020W	4301330564	5965	Fee	OW	S
MARK 2-25A2	25	010S	020W	4301331232	10986	Fee	OW	S
MITCHELL 2-4B1	4	020S	010W	4301331317	11231	Fee	OW	S

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

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>See Attached Well List</u>		5. LEASE DESIGNATION AND SERIAL NUMBER: <u>See Attached Well List</u>
2. NAME OF OPERATOR: <u>LINN OPERATING, INC</u> <u>N4115</u>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: <u>1999 Broadway, Suite 3700</u> CITY <u>Denver</u> STATE <u>CO</u> ZIP <u>80202</u>		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: _____		8. WELL NAME and NUMBER: <u>See Attached Well List</u>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____		9. API NUMBER:
COUNTY: <u>Duchsene/Uintah</u>		10. FIELD AND POOL, OR WILDCAT: <u>Bluebell/Altamont</u>
STATE: <u>UTAH</u>		

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

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

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

Effective 08/29/2014, Change of Operator from Devon Energy Production Company, LP, to Linn Operating, Inc. is responsible under the terms and conditions of the leases for operations conducted on the leased lands or a portion thereof under their blanket state bond number LPM9149893.

Attached is a list of wells that are associated with this Change of Operator.

Devon Energy Production Company, LP N1275  
333 West Sheridan Avenue  
Oklahoma City, OK 73102-5015

  
\_\_\_\_\_  
John D. Raines  
Vice President

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SEP 16 2014  
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Russell des Cognets II TITLE Asset Manager  
SIGNATURE Russell des Cognets DATE 9/8/14

(This space for State use only)  
**APPROVED**  
**OCT 08 2014**  
DIV. OIL GAS & MINING  
BY: Rachael Medina

(See Instructions on Reverse Side)

**Devon Energy Production Company, LP**  
**Existing Well List for State/Fee/Indian Leases**

Well Name	API #	Legal Location	Producing Status	Well Type	Lease Type	Field	State	County
BAR F 2-5B1	430133128600	005-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BINGHAM 3-4B1	430135146400	004-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BLANCHARD 3-10A2	430133222300	010-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
<del>BOREN 1-14A2</del>	430133003500	014-001S-002W	Shut-In	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BOREN 3-11A2	430133119200	011-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BOREN 3-15A2	430133008600	015-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BOREN 4-23A2	430133011500	023-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BOREN 4-9A2	430133220300	009-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BOREN 5-22A2	430133010700	022-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BOREN 6-16A2	430133012300	016-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BOWMAN 5-5A2	430133220200	005-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BROWN DOUG 2-4A2	430133001700	004-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BROWN VICTOR C 1-4A2	430133001100	004-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BROWN 3-4A2	430133268400	004-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
CAMPBELL UTE ST 1-7B1	430133023600	007-002S-001W	Shut-In	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
CHAPMAN 2-4B2	430133137800	004-002S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
CLYDE MURRAY 1-2A2	430133000500	002-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
COLTHARP 1-15B1	430133035900	015-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
CORNABY 2-14A2 (RECOMP)	430133129900	014-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
COX 2-36A2	430133133500	036-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
DILLMAN 2-28A2	430133082100	028-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
DUNCAN 4-2A2	430133127600	002-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
EDWARDS 3-10B1	430133133200	010-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
FRESTON STATE 1-8B1	430133029400	008-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
FRESTON 2-7B1	430133134100	007-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
FRESTON 2-8B1	430133120300	008-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
GALLOWAY 1-14B2	430133056400	014-002S-002W	Shut-In	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
GALLOWAY 3-11B2	430133430400	011-002S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
HAMBLIN 2-26A2	430133090300	026-001S-002W	Shut-In	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
HAMBLIN 3-9A2	430133127800	009-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
HATCH 2-3B1	430133114700	003-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
JOHN 2-3B2	430133097500	003-002S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
LABRUM 2-23A2	430133139300	023-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
LAMB 2 16A2	430133139000	016-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
LAMICQ ROBERTSON 1-1B2	430133020000	001-002S-002W	Producing	OIL	STATE	BLUEBELL ALTAMONT	UT	DUCHESNE

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LAMICQ ROBERTSON 2-1B2	430133099500	001-002S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
LAMICQ URRUTY 3-17A2	430133009900	017-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
LAMICQ URRUTY 4-17A2	430133119000	017-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
LAMICQ URRUTY 4-5A2	430133034700	005-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
LAMICQ 1-20A2	430133013300	020-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
LAMICQ 2-20A2	430133119100	020-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
LAMICQ 2-6B1	430133080900	006-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
LORANGER 2-24A2	430133132200	024-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
LORANGER 6-22A2	430133133400	022-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
MARK 2 25A2	430133123200	025-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
MCCELPRANG 2-30A1	430133132600	030-001S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
MECCA 2-8A2	430133123100	008-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
MECHAM VIRGIL B 1-11A2 SWD	430133000900	011-001S-002W	Injecting	SWD	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
MECHAM 3-1B2	430135184400	1-2S-2W	Producing	OIL	STATE	BLUEBELL ALTAMONT	UT	DUCHESNE
MIKE AND SHELLEY 3-4B2	430135184500	4-2S-2W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
MITCHELL 2-4B1	430133131700	004-002S-001W	Shut-in	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
MURRAY GEORGE 1-16B1	430133029700	016-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
NORLING 2-9B1	430133115100	009-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
OWL AND THE HAWK 3-9C5	430135121400	9-003S-005W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
PEARSON 2-11B2	430133135600	011-002S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
POWELL 2 16B1	430133182000	016-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
RED MOUNTAIN 3-5B1	430135163200	05-2S-1W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
SHAW 2-27A2	430133118400	027-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
SHERMAN 2-12B2	430133123800	012-002S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
SMITH ALBERT 1-8C5	430133024500	008-003S-005W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
SMITH 2-18C5	430133132800	018-003S-005W	Producing	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
SMITH 2-6C5	430133133800	006-003S-005W	Producing	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
SMITH 2-7C5	430133132700	007-003S-005W	Producing	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
SMITH 2-9C5	430133132100	009-003S-005W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
SQUIRES 3-8A2	430133222700	008-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
STATE 1-10A2	430133000600	010-001S-002W	Producing	OIL	STATE	BLUEBELL ALTAMONT	UT	DUCHESNE
STATE 3-18A1	430133036900	018-001S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
SUNDANCE 4 15A2 (BOREN)	430133133300	015-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
SWD ANDERSON 2-28A2	430133034600	028-001S-002W	Injecting	SWD	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
SWD HAMBLIN 2-26A2	430133038900	026-001S-002W	Injecting	SWD	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
SWD SALERATUS 2-17C5	430133038800	017-003S-005W	Injecting	SWD	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
SWD 1-3A2	430133002100	003-001S-002W	Injecting	SWD	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
SWD 4-11A2	430132025500	011-001S-002W	Injecting	SWD	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE

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SWYKES 2 21A2	430133123500	021-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
TAYLOR MAUREL FEE 1-36A2	430133014300	036-001S-002W	Shut-In	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
TOMLINSON 1 25A2	430133012000	025-001S-002W	Producing	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
UTE TRIBAL 2-7A2	430133100900	007-001S-002W	Producing	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
UTE TRIBAL 5-19A2	430133133000	019-001S-002W	Producing	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
UTE 1-6B3	430133013600	006-002S-003W	Shut-In	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
UTE 2-24A3	430133132900	024-001S-003W	Producing	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
UTE 2-6B3	430133132500	006-002S-003W	Producing	OIL	INDIAN	BLUEBELL ALTAMONT	UT	DUCHESNE
WISSE 3-35A2	430133121500	035-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
WOODWARD 1-21A2	430133013000	021-001S-002W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	DUCHESNE
BALLARD 2-15B1 SWD	430473235100	015-002S-001W	Injecting	SWD	FEE	BLUEBELL ALTAMONT	UT	UINTAH
BETTS 2-26B1	430475243500	26-2S-1W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH
CHRISTENSEN 2-12B1	430473217800	012-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH
COOK 1-26B1	430473198100	026-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH
HAMAKER 3-12B1	430475229400	12-2S-1W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH
MAY UTE FED 1-13B1	430473017600	013-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH
RICH 2-13B1	430473274400	013-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH
ROBERTSON UTE STATE 1-12B1	430473016400	012-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH
THOMAS 4-10B1	430473408000	010-002S-001W	Producing	OIL	FEE	BLUEBELL ALTAMONT	UT	UINTAH

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**STATE OF UTAH**  
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DIVISION OF OIL, GAS AND MINING

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>See Attached Well List</b>
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>See Attached Well List</u>		7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: <b>LINN OPERATING, INC</b>		8. WELL NAME and NUMBER: <b>See Attached Well List</b>
3. ADDRESS OF OPERATOR: 1999 Broadway, Suite 3700    CITY <u>Denver</u> STATE <u>CO</u> ZIP <u>80202</u>		9. API NUMBER:
PHONE NUMBER: <b>(303) 999-4275</b>		10. FIELD AND POOL, OR WILDCAT: <b>Bluebell/Altamont</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: _____ COUNTY: <u>Duchsene</u>		
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____ STATE: <b>UTAH</b>		

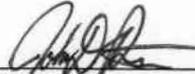
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input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

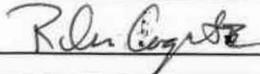
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective 08/29/2014, Change of Operator from Devon Energy Production Company, LP, to Linn Operating, Inc. is responsible under the terms and conditions of the leases for operations conducted on the leased lands or a portion thereof under their blanket state bond number LPM9149893 .

Attached is a list of Applications for Permit to Drill (APD) that are associated with this Change of Operator.

Devon Energy Production Company, LP  
333 West Sheridan Avenue  
Oklahoma City, OK 73102-5015

  
\_\_\_\_\_  
John D. Raines  
Vice President

NAME (PLEASE PRINT) <u>Russell des Cognets II</u>	TITLE <u>Asset Manager</u>
SIGNATURE 	DATE <u>9/16/14</u>

(This space for State use only)

**APPROVED**

**OCT 08 2014**

DIV. OIL GAS & MINING

BY: Rachael Medina

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

STATE OF UTAH  
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UIC FORM 5

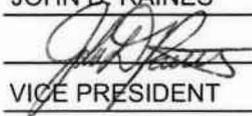
TRANSFER OF AUTHORITY TO INJECT

Well Name and Number BLUEBELL 2-28A2	API Number 4301330346
Location of Well Footage : 2496' FSL & 1549' FEL County : DUCHESNE	Field or Unit Name BLUEBELL ALTAMONT
QQ, Section, Township, Range: NWSE 28 1S 2W State : UTAH	Lease Designation and Number FEE

EFFECTIVE DATE OF TRANSFER: 8/29/2014

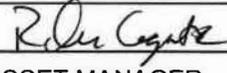
CURRENT OPERATOR

Company: DEVON ENERGY PRODUCTION CO., L.P.  
Address: 333 WEST SHERIDAN AVENUE  
city OKLAHOMA CITY state OK zip 73102-5015  
Phone: (405) 228-4480  
Comments:

Name: JOHN D. RAINES  
Signature:   
Title: VICE PRESIDENT  
Date:

NEW OPERATOR

Company: LINN OPERATING, INC.  
Address: 1999 BROADWAY, SUITE 3700  
city DENVER state CO zip 80202  
Phone: (303) 999-4275  
Comments:

Name: Russell des Cognets II  
Signature:   
Title: ASSET MANAGER  
Date: 9/15/14

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Transfer approved by:   
Title: Environmental Manager

Approval Date: 9/24/14

Comments:

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**STATE OF UTAH**  
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FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:

**SUNDRY NOTICES AND REPORTS ON WELLS**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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

7. UNIT or CA AGREEMENT NAME:

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

8. WELL NAME and NUMBER:  
Misc.

2. NAME OF OPERATOR:  
LINN OPERATING, INC.

9. API NUMBER:

3. ADDRESS OF OPERATOR:      PHONE NUMBER:  
1999 Broadway, Ste #3700      Denver      CO      80202      (303) 999-4016

10. FIELD AND POOL, OR WILDCAT:  
Bluebell

4. LOCATION OF WELL  
FOOTAGES AT SURFACE:      COUNTY: UINTAH  
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:      14    1S    2W      STATE: UTAH

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

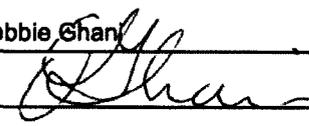
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input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

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

Do not process Change of Operator from Devon Energy Production Company, LP to LINN Operating, Inc. for the following wells.

- 43-013-31192 BOREN 3-11A2      Oil Well Producing BLUEBELL DUCHESNE 1S-2W Sec 11
- 43-013-51846 MIKE AND SHELLEY #4-14A2      Oil Well Approved permit (APD) BLUEBELL DUCHESNE 1S-2W Sec14
- 43-013-31299 CORNABY 2-14A2      Oil Well Producing BLUEBELL DUCHESNE 1S-2W Sec 14
- 43-013-30035 FLY/DIA L BOREN 1-14A2      Oil Well Shut-In BLUEBELL DUCHESNE 1S-2W Sec 14

The Devon transaction to Linn Energy allowed EP Energy to exercise their preferential right to purchase the leases and wells in Sections 11 and 14 of T1S, 2W so EP Energy now owns these wells.

NAME (PLEASE PRINT) Debbie Chan      TITLE Reg. Compliance Supervisor  
SIGNATURE       DATE 9/23/2014

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