

BW - 1

**GENERAL
CORRESPONDENCE**

YEAR(S):

CLOSED

2002-1990



Suzanne P. Holland, P.E.
Sr. Environmental Coordinator
Mid-Continent Region

Conoco Inc.
10 Desta Drive, Suite 100W
Midland, TX 79705-4500
(915) 686-5480

November 12, 2002

NMOCD - Environmental Bureau
1220 So. St. Francis Drive
Santa Fe, New Mexico 87505

Attn: Mr. Wayne Price

RECEIVED
NOV 21 2002
Environmental Bureau
Oil Conservation Division

Re: Conoco Warren McKee Site Closure and Termination of Discharge Plan BW-001

Conoco respectfully requests termination of NMOCD Discharge Plan BW-001.

Completion according to stipulations of the approved closure plan is documented below and pictorially on enclosed CD. The information is the same as submitted for your review in email dated 10/21/02.

Site # 1 - (Cl - 2920 mg/kg) - Received concurrence from City of Hobbs, to reclaim site surface. Closed ditch and dressed surface with backhoe leaving the erosion barrier. The ground was ripped to a depth of 8", disc turned and planted with native seed mix.

Site # 2 - (Cl - 1510 mg/kg) - Leveled location, eliminating the dirt pile, and dressed surface with a backhoe, leaving the erosion barrier. The ground was ripped to a depth of 8", disc turned and planted with native seed mix.

Site # 3 - (Cl - 8319 mg/kg) - Leveled and dressed surface, leaving the erosion barrier. The ground was ripped to a depth of 8" and liquid calcium amendment was applied to chloride-affected areas. The soil was disc turned and planted with native seed mix.

Site # 4 - (Cl - 2389 mg/kg) - Leveled and dressed surface, leaving the erosion barrier. The ground was ripped to a depth of 8". In addition to plan proposal, Conoco applied liquid calcium amendment to chloride-affected areas. The soil was disc turned and planted with native seed mix.

Old Exxon site located between Conoco sites - No action by Conoco.
The entrance to wells 2 & 4 was left for City and ranch use as requested.

I can be reached at 915-686-5480. Thank you.

Sincerely,

Suzanne P. Holland, P. E.

Certified mail receipt # 7099 3220 0005 7557 2984

cc: Hobbs Field Office
Environmental File



March 22, 2002

Suzanne P. Holland, P.E.
Sr. Environmental Coordinator
Mid-Continent Region

Conoco Inc.
10 Desta Drive, Suite 100W
Midland, TX 79705-4500
(915) 686-5480

NMOCD - Environmental Bureau
~~Surface Water Quality Department~~
Harold Runnels Building
1190 St. Francis Drive / P.O. Drawer 26110
Santa Fe, New Mexico 87502-0110

RECEIVED
APR 01 2002
SANTA FE, NM

Attn: Mr. Wayne Price

Re: Conoco Warren McKee Proposed Site Closure and Termination of Discharge Plan BW-001

Conoco is submitting the following closure plan for NMOCD approval. Copies of the final approved C-103's "Subsequent Reports" for wells #1,2,3 and 4 are enclosed. This will meet closure requirements; terminating Discharge Plan BW-001.

Per your verbal approval, composite samples were taken at each well site. Composite consisted of five samples from each well pad, taken at a depth of 6". The lab analysis results are enclosed.

Proposed Closure Plan of Warren McKee locations associated with P&A well sites 1, 2, 3, and 4.

- # 1 - (Cl - 2920 mg/kg) - Close ditch and dress surface with backhoe - plant native seed mix.
- # 2 - (Cl - 1510 mg/kg) - Reduce dirt pile, leaving erosion barrier. Dress surface with backhoe - plant native seed mix.
- # 3 - (Cl - 8319 mg/kg) - Dress surface with backhoe - apply liquid calcium amendment - plant native seed mix.
- # 4 - (Cl - 2389 mg/kg) - Dress surface with backhoe - plant native seed mix.

In 3 months time, inspect for plant growth and retreat as necessary.

Old Exxon site located between Conoco sites - No action planned by Conoco.
Entrance to wells 2 & 4 - Rancher requested that it be left 'as is' for his use.

Should there be any questions, I can be contacted at 915-686-5480. Thank you.

Sincerely,

Suzanne P. Holland, P. E.

cc: Hobbs Field Office
Environmental File

Return Receipt # 7099 3220 0005 75572847



Mobile Analytical Laboratories

LABORATORIES IN ODESSA, GIDDINGS & STACY DAM
 WEST UNIVERSITY AND WESTOVER STREET
 P.O. BOX 69210
 ODESSA, TEXAS 79769-0210
 PHONE (915) 337-4744
 FAX (915) 337-8781

MR. LEO GATSON
 CONOCO, INC.
 1410 W. CO RD
 HOBBS, NEW MEXICO 88240

MARCH 13, 2002

DEAR MR. GATSON:

THE FOLLOWING ARE THE RESULTS OF THE FOUR SOIL SAMPLES FOR
 EXTRACTABLE CHLORIDES, RECEIVED 03/11/02, LAB NOS. 342 - 345:

SAMPLES	CHLORIDES
WARREN McKEE BRINE	mg/Kg
SAMPLED 03/11/02	OF SAMPLE
LAB NO. 342: WELL #1 6"	2920
LAB NO. 343: WELL #2	1510
LAB NO. 344: WELL #3 6"	8319
LAB NO. 345: WELL #4	2389

METHOD: AGRICULTURE HANDBOOK NO. 60 - CHAPTER 6 SEC 3C
 CHLORIDES: SMWW 407-C.
 SAMPLE MIXED 50:50, SOIL WITH DISTILLED WATER.

WE APPRECIATE THE OPPORTUNITY TO WORK WITH YOU ON THESE TESTS.
 IF YOU HAVE ANY QUESTIONS OR REQUIRE ANY FURTHER INFORMATION,
 PLEASE FEEL FREE TO CONTACT ME AT ANY TIME.

SINCERELY,

STEPHEN REID
 SR/md



Suzanne P. Holland, P.E.
Sr. Environmental Coordinator
Mid-Continent Region

Conoco Inc.
10 Desta Drive, Suite 100W
Midland, TX 79705-4500
(915) 686-5480

August 2, 2002

NMOCD - Environmental Bureau
1220 So. St. Francis Drive
Santa Fe, New Mexico 87505

Attn: Mr. Wayne Price

Re: Conoco Warren McKee Site Closure and Termination of Discharge Plan BW-001

Conoco is submitting this completed closure plan for NMOCD approval. This plan will meet closure requirements; terminating Discharge Plan BW-001.

Following is the detail of June 2002 closures, as proposed, for Warren McKee locations associated with P&A well sites 1, 2, 3, and 4. A seed drill was used for planting native seed mix, which was applied according to recommended rate of 9.5 lbs. per acre. The liquid calcium amendment was applied to sites 3 and 4, according to manufacturer's recommendation, in a mix of 1000 lbs. liquid calcium to 1000 lbs. fresh water per acre. (Fresh water weighed 8.3 ppg and calcium amendment weighed 11 ppg). Area rains enhanced the process and eliminated the need to truck water. Enclosures include:

Copies of the final approved C-103's "Subsequent Reports" for wells #1,2,3 and 4.

The lab analysis of composite samples previously submitted with the proposed closure plan.

Picture documentation for each site, before and after reclamation.

1 - (Cl - 2920 mg/kg) - Received concurrence from City of Hobbs, to reclaim site surface. Closed ditch and dressed surface with backhoe leaving the erosion barrier. The ground was ripped to a depth of 8", disc turned and planted with native seed mix.

2 - (Cl - 1510 mg/kg) - Leveled location, eliminating the dirt pile, and dressed surface with a backhoe, leaving the erosion barrier. The ground was ripped to a depth of 8", disc turned and planted with native seed mix.

3 - (Cl - 8319 mg/kg) - Leveled and dressed surface, leaving the erosion barrier. The ground was ripped to a depth of 8" and liquid calcium amendment was applied to chloride-affected areas. The soil was disc turned and planted with native seed mix.

4 - (Cl - 2389 mg/kg) - Leveled and dressed surface, leaving the erosion barrier. The ground was ripped to a depth of 8". In addition to plan proposal, Conoco applied liquid calcium amendment to chloride-affected areas. The soil was disc turned and planted with native seed mix.

Old Exxon site located between Conoco sites - No action by Conoco.
The entrance to wells 2 & 4 was left for City and ranch use as requested.

Within 3 months time, Conoco will inspect for plant growth and if necessary, retreat area. Should there be any questions, I can be contacted at 915-686-5480. Thank you.

Sincerely,

Suzanne P. Holland, P. E.

cc: Hobbs Field Office
Environmental File

7000 0520 0020 7967 7907

RECEIVED
AUG 13 2002
Environmental Bureau
Oil Conservation Division

Warren McKee #1 After



Warren McKee 1-#1 Before



Warren McKee #2 After



Warren McKee #2 Before



Warren McKee #3 Before



Warren McKee #3 After



#3



Warren McKee #4 After -1



Warren McKee #4 -2



Warren McKee #4 Before



Warren McKee #4 Before





Mobile Analytical Laboratories

LABORATORIES IN ODESSA, GIDDINGS & STACY DAM
WEST UNIVERSITY AND WESTOVER STREET

P.O. BOX 69210

ODESSA, TEXAS 79769-0210

PHONE (915) 337-4744

FAX (915) 337-8781

MR. LEO GATSON
CONOCO, INC.
1410 W. CO RD
HOBBS, NEW MEXICO 88240

MARCH 13, 2002

DEAR MR. GATSON:

THE FOLLOWING ARE THE RESULTS OF THE FOUR SOIL SAMPLES FOR
EXTRACTABLE CHLORIDES, RECEIVED 03/11/02, LAB NOS. 342 - 345:

SAMPLES	CHLORIDES
WARREN MCKEE BRINE	mg/Kg
SAMPLED 03/11/02	OF SAMPLE
LAB NO. 342: WELL #1 6"	2920
LAB NO. 343: WELL #2	1510
LAB NO. 344: WELL #3 6"	8319
LAB NO. 345: WELL #4	2389

METHOD: AGRICULTURE HANDBOOK NO. 60 - CHAPTER 6 SEC 3C
CHLORIDES: SMWW 407-C.
SAMPLE MIXED 50:50, SOIL WITH DISTILLED WATER.

WE APPRECIATE THE OPPORTUNITY TO WORK WITH YOU ON THESE TESTS.
IF YOU HAVE ANY QUESTIONS OR REQUIRE ANY FURTHER INFORMATION,
PLEASE FEEL FREE TO CONTACT ME AT ANY TIME.

SINCERELY,

STEPHEN REID
SR/md

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO. 30-025-25836
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. B-9652
7. Lease Name or Unit Agreement Name WARREN MCKEE BRINE
8. Well No. 1
9. Pool name or Wildcat BSW: SALADO

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" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER BRINE EXTRACTION
2. Name of Operator CONOCO INC. <005073>
3. Address of Operator 10 Desta Drive Ste 100 W, Midland, TX 79705

4. Well Location Unit Letter <u>M</u> : <u>710</u> Feet From The <u>SOUTH</u> Line and <u>420</u> Feet From The <u>WEST</u> Line Section <u>2</u> Township <u>20 S</u> Range <u>38 E</u> NMPM <u>LEA</u> County

10. Elevation (Show whether DF, RKB, RT, GR, etc.) GR 3581

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input checked="" type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>		CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: _____ <input type="checkbox"/>		OTHER: _____ <input type="checkbox"/>	

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

3-13-95 MIRU. GIH W/ 9 5/8" CIBP SET @ 1425', CIRCULATE MUD. SPOT 70 SX CEMENT FROM 1425' TO 1235'. PUH TO 300' SPOT 50 SX CEMENT, PUH. TAG PLUG @ 110'. SPOT 15 SX CEMENT FROM 30' TO SURFACE. CUT OFF WELLHEAD AND INSTALL P&A MARKER.
3-14-95 RDMO. WELL IS PLUGGED.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.
SIGNATURE: Bill R. Keathly TITLE: SR. REGULATORY SPEC. DATE: 4-12-95
TYPE OR PRINT NAME: BILL R. KEATHLY TELEPHONE NO.: 915-686-5424

(This space for State Use)
APPROVED BY: [Signature] TITLE: Field Rep. DATE: 5-11-00
CONDITIONS OF APPROVAL, IF ANY: SHEAR, POWEA, COST ASST, FIELD, FILE ROOM

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

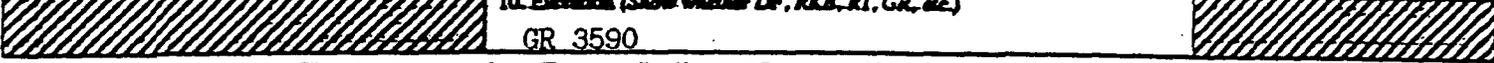
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO. 30-025-30707
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. B-9652
7. Lease Name or Unit Agreement Name WARREN MCKEE BRINE
8. Well No. 2
9. Pool name or Wildcat BSW: SALADO

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" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER BRINE EXTRACTION
2. Name of Operator CONOCO INC. <005073>
3. Address of Operator 10 Desta Drive Ste 100 W, Midland, TX 79705
4. Well Location Unit Letter N : 660 Feet From The SOUTH Line and 1980 Feet From The WEST Line Section 2 Township 20 S Range 38 E NMPM LEA County

10. Elevation (Show whether DF, RKB, RT, GR, etc.) GR 3590



11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input checked="" type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>		CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: _____ <input type="checkbox"/>		OTHER: _____ <input type="checkbox"/>	

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

3-14-95 MIRU. GIH W/ 7" CIBP SSET @ 1550'. CIRCULATE MUD. SPOT 35 SX CEMENT FROM 1550' TO 1340'. PUH TO 470' SPOT 25 SX CEMENT. PUH. TAG PLUG @ 320'. SPOT 15 SX CEMENT FROM 60' TO SURFACE. CUT OFF WELLHEAD AND INSTALL P&A MARKER.
3-05-95 RDMO. WELL IS PLUGGED.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.
SIGNATURE Bill R. Keathly TITLE SR. REGULATORY SPEC. DATE 4-12-95
TYPE OR PRINT NAME BILL R. KEATHLY TELEPHONE NO. 915-686-5424

(This space for State Use)
APPROVED BY [Signature] TITLE fld. Rep. DATE 5-11-00
CONDITIONS OF APPROVAL, IF ANY: SHEAR, PONCA, COST ASST, FIELD, FILE ROOM

+Submit 3 Copies to Appropriate District Office

State of New Mexico Energy, Minerals and Natural Resources Department

Form C 103 Revised 1-1-89

DISTRICT I P.O. Box 1980, Hobbs, NM 88240

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO. 30-025-32745

5. Indicate Type of Lease STATE [X] FEE []

6. State Oil & Gas Lease No. B-9652

7. Lease Name or Unit Agreement Name

Warren McKee Brine

8. Well No. 3

9. Pool name or Wildcat BSW: Salado

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 (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well [] Gas Well [] OTHER Brine Well

2. Name of Operator Conoco Inc.

3. Address of Operator 10 Desta Dr. Ste 100W, Midland, Tx 79705-4500

4. Well Location Unit Letter M 330 Feet From The South Line and 420 Feet From The West Line Section 2 Township 20S Range 38E NMPM Lea County

10. Elevation (Show whether DP, RKB, RT, GR, etc.)

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data. NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK [] PLUG AND ABANDON [] TEMPORARILY ABANDON [] CHANGE PLANS [] PULL OR ALTER CASING [] OTHER []. SUBSEQUENT REPORT OF: REMEDIAL WORK [] ALTERING CASING [] COMMENCE DRILLING OPNS. [] PLUG AND ABANDONMENT [X] CASING TEST AND CEMENT JOB [] OTHER []

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

This well was plugged and abandoned 1/24/00, per the attached documentation from Pool Company.

12. I hereby certify that the information above is true and complete to the best of my knowledge and belief. SIGNATURE Reesa Wilkes TITLE Sr. Staff Regulatory Assistant DATE 03/22/00 TYPE OR PRINT NAME Reesa R. Wilkes TELEPHONE NO. 915/686-5580

(this space for State Use) APPROVED BY [Signature] TITLE [Signature] DATE 5-11-00

Distribution: OCD (3); SHEAR, PONCA, COST ASST, FIELD, WELL FILE

+Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C 103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO.
30-025-32746

5. Indicate Type of Lease
STATE FEE

6. State Oil & Gas Lease No.
B-9652

7. Lease Name or Unit Agreement Name
Warren McKee Brine

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
(FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:
Oil Well Gas Well OTHER Brine Well

8. Well No.
4

2. Name of Operator
Conoco Inc.

9. Pool name or Wildcat
BSW: Salado

3. Address of Operator
10 Desta Dr. Ste 100W, Midland, Tx 79705-4500

4. Well Location
Unit Letter N 330 Feet From The South Line and 1980 Feet From The West Line
Section 2 Township 20S Range 38E NMPM Lea County

10. Elevation (Show whether DP, RKB, RT, GR, etc.)

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data
NOTICE OF INTENTION TO:
PERFORM REMEDIAL WORK PLUG AND ABANDON
TEMPORARILY ABANDON CHANGE PLANS
PULL OR ALTER CASING
OTHER:
SUBSEQUENT REPORT OF:
REMEDIAL WORK ALTERING CASING
COMMENCE DRILLING OPNS. PLUG AND ABANDONMENT
CASING TEST AND CEMENT JOB
OTHER

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

This well was plugged and abandoned 1/26/00, per the attached documentation from Pool Company.

12. I hereby certify that the information above is true and complete to the best of my knowledge and belief.
SIGNATURE Reesa Wilkes TITLE Sr. Staff Regulatory Assistant DATE 03/22/00
TYPE OR PRINT NAME Reesa R. Wilkes TELEPHONE NO. 915/686-5580

(this space for State Use)
APPROVED BY [Signature] TITLE fld. Rep. DATE 5-11-00
CONDITIONS OF APPROVAL, IF ANY:

Distribution: OCD (3), SHEAR, PONCA, COST ASST, FIELD, WELL FILE



March 22, 2002

OIL CONSERVATION DIV

Suzanne P. Holland, P.E.
Sr. Environmental Coordinator
Mid-Continent Region

02 APR 23 PM 1:2

Conoco Inc.
10 Desta Drive, Suite 100W
Midland, TX 79705-4500
(915) 686-5480

NM Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

9001 PENBRACK
01 TX 79762

Attn: Mr. Wayne Price

**Re: Conoco Warren McKee Proposed Site Closure and
Termination of Discharge Plan BW-001**

S. P. Holland
C-P.com

Conoco is submitting the following closure plan for NMOCDD approval. Copies of the final approved C-103's "Subsequent Reports" for wells #1,2,3 and 4 are enclosed. This will meet closure requirements; terminating Discharge Plan BW-001.

Per your verbal approval, composite samples were taken at each well site. Composite consisted of five samples from each well pad, taken at a depth of 6". The lab analysis results are enclosed.

Proposed Closure Plan of Warren McKee locations associated with P&A well sites 1, 2, 3, and 4.

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Entrance to wells 2 & 4 - Rancher requested that it be left 'as is' for his use.

Should there be any questions, I can be contacted at 915-686-5480. Thank you.

Sincerely,

915-368-1368

Suzanne P. Holland, P. E.

cc: Hobbs Field Office
Environmental File

Return Receipt # 7099 3220 0005 7557 2854

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO.	30-025-25836
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	B-9652

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" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER BRINE EXTRACTION	7. Lease Name or Unit Agreement Name WARREN MCKEE BRINE
2. Name of Operator CONOCO INC. <005073>	8. Well No. 1
3. Address of Operator 10 Desta Drive Ste 100 W, Midland, TX 79705	9. Pool name or Wildcat BSW: SALADO
4. Well Location Unit Letter <u>M</u> : <u>710</u> Feet From The <u>SOUTH</u> Line and <u>420</u> Feet From The <u>WEST</u> Line Section <u>2</u> Township <u>20 S</u> Range <u>38 E</u> NMPM <u>LEA</u> County	
10. Elevation (Show whether DF, RKB, RT, GR, etc.) GR 3581	

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input checked="" type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>		CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: _____ <input type="checkbox"/>		OTHER: _____ <input type="checkbox"/>	

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

3-13-95 MIRU. GIH W/ 9 5/8" CIBP SET @ 1425', CIRCULATE MUD. SPOT 70 SX CEMENT FROM 1425' TO 1235'. PUH TO 300' SPOT 50 SX CEMENT, PUH. TAG PLUG @ 110'. SPOT 15 SX CEMENT FROM 30' TO SURFACE. CUT OFF WELLHEAD AND INSTALL P&A MARKER.

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SIGNATURE: Bill R. Keathly TITLE: SR. REGULATORY SPEC. DATE: 4-12-95

TYPE OR PRINT NAME: BILL R. KEATHLY TELEPHONE NO.: 915-686-5424

(This space for State Use)

APPROVED BY: [Signature] TITLE: Field Rep. DATE: 5-11-00

CONDITIONS OF APPROVAL, IF ANY: SHEAR, POWEA, COST ASST, FIELD, FILE ROOM

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL API NO.	30-025-30707
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	B-9652

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1. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER BRINE EXTRACTION	7. Lease Name or Unit Agreement Name WARREN MCKEE BRINE
2. Name of Operator CONOCO INC. <005073>	8. Well No. 2
3. Address of Operator 10 Desta Drive Ste 100 W, Midland, TX 79705	9. Pool name or Wildcat BSW: SALADO
4. Well Location Unit Letter N : 660 Feet From The SOUTH Line and 1980 Feet From The WEST Line Section 2 Township 20 S Range 38 E NMPM LEA County	10. Elevation (Show whether DF, RKB, RT, GR, etc.) GR 3590

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input checked="" type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>		CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: _____ <input type="checkbox"/>		OTHER: _____ <input type="checkbox"/>	

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

3-14-95 MIRU. GIH W/ 7" CIBP SSET @ 1550'. CIRCULATE MUD. SPOT 35 SX CEMENT FROM 1550' TO 1340'. PUH TO 470' SPOT 25 SX CEMENT. PUH. TAG PLUG @ 320'. SPOT 15 SX CEMENT FROM 60' TO SURFACE. CUT OFF WELLHEAD AND INSTALL P&A MARKER.

3-05-95 RDMO. WELL IS PLUGGED.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Bill R. Keathly TITLE SR. REGULATORY SPEC. DATE 4-12-95
 TYPE OR PRINT NAME BILL R. KEATHLY TELEPHONE NO. 915-686-5424

(This space for State Use)
 APPROVED BY [Signature] TITLE fld. Rep. DATE 5-11-00
 CONDITIONS OF APPROVAL, IF ANY: SHEAR, PONCA, COST ASST, FIELD, FILE ROOM

DISTRICT I P.O. Box 1980, Hobbs, NM 88240

OIL CONSERVATION DIVISION P.O. Box 2088 Santa Fe, New Mexico 87504-2088

P.O. Drawer DD, Artesia, NM 88210

DISTRICT 111 1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO.	30-025-32745
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	B-9652
7. Lease Name or Unit Agreement Name	Warren McKee Brine
8. Well No.	3
9. Pool name or Wildcat	BSW: Salado

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 (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:	Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> OTHER Brine Well
2. Name of Operator	Conoco Inc.
3. Address of Operator	10 Desta Dr. Ste 100W, Midland, Tx 79705-4500
4. Well Location	Unit Letter <u>M</u> <u>330</u> Feet From The <u>South</u> Line and <u>420</u> Feet From The <u>West</u> Line Section <u>2</u> Township <u>20S</u> Range <u>38E</u> NMPM <u>Lea</u> County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)	
--	--

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input checked="" type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>		CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER <input type="checkbox"/>	

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.
This well was plugged and abandoned 1/24/00, per the attached documentation from Pool Company.

12. I hereby certify that the information above is true and complete to the best of my knowledge and belief.
SIGNATURE Reesa Wilkes TITLE Sr. Staff Regulatory Assistant DATE 03/22/00
TYPE OR PRINT NAME Reesa R. Wilkes TELEPHONE NO. 915/686-5580

(this space for State Use)
APPROVED BY [Signature] TITLE Fed. Reg. DATE 5-11-00
CONDITIONS OF APPROVAL, IF ANY:

+Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C 103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

P.O. Drawer DD, Artesia, NM 88210

DISTRICT 111
1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO.
30-025-32746

5. Indicate Type of Lease
STATE FEE

6. State Oil & Gas Lease No.
B-9652

7. Lease Name or Unit Agreement Name

Warren McKee Brine

8. Well No.
4

9. Pool name or Wildcat
BSW: Salado

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
(FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:
Oil Well Gas Well OTHER Brine Well

2. Name of Operator
Conoco Inc.

3. Address of Operator
10 Desta Dr. Ste 100W, Midland, Tx 79705-4500

4. Well Location
Unit Letter N 330 Feet From The South Line and 1980 Feet From The West Line
Section 2 Township 20S Range 38E NMPM Lea County

10. Elevation (Show whether DP, RKB, RT, GR, etc.)

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK ALTERING CASING
TEMPORARILY ABANDON CHANGE PLANS COMMENCE DRILLING OPNS. PLUG AND ABANDONMENT
PULL OR ALTER CASING CASING TEST AND CEMENT JOB
OTHER: _____ OTHER _____

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

This well was plugged and abandoned 1/26/00, per the attached documentation from Pool Company.

12. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Reesa Wilkes TITLE Sr. Staff Regulatory Assistant DATE 03/22/00

TYPE OR PRINT NAME Reesa R. Wilkes TELEPHONE NO. 915/686-5580

(this space for State Use)

APPROVED BY [Signature] TITLE fld. Rep. DATE 5-11-00

CONDITIONS OF APPROVAL, IF ANY:

Distribution: OCD (3); SHEAR, PONCA, COST ASST, FIELD, WELL FILE



Mobile Analytical Laboratories

LABORATORIES IN ODESSA, GIDDINGS & STACY DAM

WEST UNIVERSITY AND WESTOVER STREET

P.O. BOX 69210

ODESSA, TEXAS 79769-0210

PHONE (915) 337-4744

FAX (915) 337-8781

MR. LEO GATSON
CONOCO, INC.
1410 W. CO RD
HOBBS, NEW MEXICO 88240

MARCH 13, 2002

DEAR MR. GATSON:

THE FOLLOWING ARE THE RESULTS OF THE FOUR SOIL SAMPLES FOR
EXTRACTABLE CHLORIDES, RECEIVED 03/11/02, LAB NOS. 342 - 345:

SAMPLES	CHLORIDES
WARREN MCKEE BRINE	mg/Kg
SAMPLED 03/11/02	OF SAMPLE
LAB NO. 342: WELL #1 6"	2920
LAB NO. 343: WELL #2	1510
LAB NO. 344: WELL #3 6"	8319
LAB NO. 345: WELL #4	2389

METHOD: AGRICULTURE HANDBOOK NO. 60 - CHAPTER 6 SEC 3C
CHLORIDES: SMWW 407-C.
SAMPLE MIXED 50:50, SOIL WITH DISTILLED WATER.

WE APPRECIATE THE OPPORTUNITY TO WORK WITH YOU ON THESE TESTS.
IF YOU HAVE ANY QUESTIONS OR REQUIRE ANY FURTHER INFORMATION,
PLEASE FEEL FREE TO CONTACT ME AT ANY TIME.

SINCERELY,

STEPHEN REID
SR/md

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL API NO.
30-025-25836

5. Indicate Type of Lease
STATE FEE

6. State Oil & Gas Lease No.
B-9652

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"
(FORM G-101) FOR SUCH PROPOSALS.)

7. Lease Name or Unit Agreement Name

WARREN MCKEE BRINE

1. Type of Well:
OIL WELL GAS WELL OTHER BRINE EXTRACTION

8. Well No.
1

2. Name of Operator
CONOCO INC. <005073>

9. Pool name or Wildcat
BSW: SALADO

3. Address of Operator
10 Desta Drive Ste 100 W, Midland, TX 79705

4. Well Location
Unit Letter M : 710 Feet From The SOUTH Line and 420 Feet From The WEST Line
Section 2 Township 20 S Range 38 E NMPM LEA County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)
GR 3581

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

- | | | | |
|--|---|---|--|
| PERFORM REMEDIAL WORK <input type="checkbox"/> | PLUG AND ABANDON <input type="checkbox"/> | REMEDIAL WORK <input type="checkbox"/> | ALTERING CASING <input type="checkbox"/> |
| TEMPORARILY ABANDON <input type="checkbox"/> | CHANGE PLANS <input type="checkbox"/> | COMMENCE DRILLING OPNS. <input type="checkbox"/> | PLUG AND ABANDONMENT <input checked="" type="checkbox"/> |
| PULL OR ALTER CASING <input type="checkbox"/> | | CASING TEST AND CEMENT JOB <input type="checkbox"/> | |
| OTHER: <input type="checkbox"/> | | OTHER: <input type="checkbox"/> | |

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

3-13-95 MIRU. GIH W/ 9 5/8" CIBP SET @ 1425', CIRCULATE MUD. SPOT 70 SX CEMENT FROM 1425' TO 1235'. PUH TO 300' SPOT 50 SX CEMENT. PUH. TAG PLUG @ 110'. SPOT 15 SX CEMENT FROM 30' TO SURFACE. CUT OFF WELLHEAD AND INSTALL P&A MARKER.
3-14-95 RDMO. WELL IS PLUGGED.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.
SIGNATURE: Bill R. Keathly TITLE: SR. REGULATORY SPEC. DATE: 4-12-95
TYPE OR PRINT NAME: BILL R. KEATHLY TELEPHONE NO.: 915-686-5424

(This space for State Use)
APPROVED BY: [Signature] TITLE: Fld. Rep. DATE: 5-11-00
CONDITIONS OF APPROVAL, IF ANY: SHEAR, POWEA, COST ASST, FIELD, FILE ROOM

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO.
30-025-30707

5. Indicate Type of Lease
STATE FEE

6. State Oil & Gas Lease No.
B-9652

7. Lease Name or Unit Agreement Name

WARREN MCKEE BRINE

8. Well No.
2

9. Pool name or Wildcat
BSW: SALADO

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" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:
OIL WELL GAS WELL OTHER BRINE EXTRACTION

2. Name of Operator
CONOCO INC. <005073>

3. Address of Operator
10 Desta Drive Ste 100 W, Midland, TX 79705

4. Well Location
Unit Letter N : 660 Feet From The SOUTH Line and 1980 Feet From The WEST Line
Section 2 Township 20 S Range 38 E NMPM LEA County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)
GR 3590

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input checked="" type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>		CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

3-14-95 MIRU. GIH W/ 7" CIBP SSET @ 1550'. CIRCULATE MUD. SPOT 35 SX CEMENT FROM 1550' TO 1340'. PUH TO 470' SPOT 25 SX CEMENT. PUH. TAG PLUG @ 320'. SPOT 15 SX CEMENT FROM 60' TO SURFACE. CUT OFF WELLHEAD AND INSTALL P&A MARKER.

3-05-95 RDMO. WELL IS PLUGGED.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.
SIGNATURE Bill R. Keathly TITLE SR. REGULATORY SPEC. DATE 4-12-95
TYPE OR PRINT NAME BILL R. KEATHLY TELEPHONE NO. 915-686-5424

(This space for State Use)
APPROVED BY [Signature] TITLE fld. Rep. DATE 5-11-00
CONDITIONS OF APPROVAL, IF ANY: SHEAR, POMCA, COST ASST, FIELD, FILE ROOM

+Submit 3 Copies to Appropriate District Office

State of New Mexico Energy, Minerals and Natural Resources Department

Form C 103 Revised 1-1-89

DISTRICT I P.O. Box 1980, Hobbs, NM 88240

OIL CONSERVATION DIVISION

P.O. Box 2088 Santa Fe, New Mexico 87504-2088

P.O. Drawer DD, Artesia, NM 88210

DISTRICT T11 1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO. 30-025-32745

5. Indicate Type of Lease STATE [X] FEE []

6. State Oil & Gas Lease No. B-9652

7. Lease Name or Unit Agreement Name Warren McKee Brine

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 (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well [] Gas Well [] OTHER Brine Well

2. Name of Operator Conoco Inc.

3. Address of Operator 10 Desta Dr. Ste 100W, Midland, Tx 79705-4500

4. Well Location Unit Letter M 330 Feet From The South Line and 420 Feet From The West Line Section 2 Township 20S Range 38E NMPM Lea County

10. Elevaouon (Show whether DF, RKB, RT, GR, etc.)

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data. NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK [] PLUG AND ABANDON [] TEMPORARILY ABANDON [] CHANGE PLANS [] PULL OR ALTER CASING [] OTHER [] SUBSEQUENT REPORT OF: REMEDIAL WORK [] ALTERING CASING [] COMMENCE DRILLING OPNS. [] PLUG AND ABANDONMENT [X] CASING TEST AND CEMENT JOB [] OTHER []

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work)SEE RULE 1103.

This well was plugged and abandoned 1/24/00, per the attached documentation from Pool Company.

12. I hereby certify that the information above is true and complete to the best of my knowledge and belief. SIGNATURE Reesa Wilkes TITLE Sr. Staff Regulatory Assistant DATE 03/22/00

TYPE OR PRINT NAME Reesa R. Wilkes TELEPHONE NO. 915/686-5580

(this space for State Use) APPROVED BY [Signature] TITLE [Signature] DATE 5-11-00

+Submit 3 Copies to Appropriate District Office

State of New Mexico Energy, Minerals and Natural Resources Department

Form C 103 Revised 1-1-89

DISTRICT I P.O. Box 1980, Hobbs, NM 88240

OIL CONSERVATION DIVISION P.O. Box 2088 Santa Fe, New Mexico 87504-2088

P.O. Drawer DD, Artesia, NM 88210

DISTRICT T11 1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO.	30-025-32746
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	B-9652
7. Lease Name or Unit Agreement Name	Warren McKee Brine
8. Well No.	4
9. Pool name or Wildcat	BSW: Salado

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 (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:	Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> OTHER Brine Well <input checked="" type="checkbox"/>
2. Name of Operator	Conoco Inc.
3. Address of Operator	10 Desta Dr. Ste 100W, Midland, Tx 79705-4500
4. Well Location	Unit Letter N 330 Feet From The South Line and 1980 Feet From The West Line Section 2 Township 20S Range 38E NMPM Lea County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input checked="" type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>		CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER <input type="checkbox"/>	

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

This well was plugged and abandoned 1/26/00, per the attached documentation from Pool Company.

12. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Reesa Wilkes TITLE Sr. Staff Regulatory Assistant DATE 03/22/00

TYPE OR PRINT NAME Reesa R. Wilkes TELEPHONE NO. 915/686-5580

(this space for State Use)

APPROVED BY [Signature] TITLE fld. Rep. DATE 5-11-00

CONDITIONS OF APPROVAL, IF ANY:

Price, Wayne

From: Price, Wayne
Sent: Thursday, October 31, 2002 10:58 AM
To: 'Holland, Suzanne P'
Subject: RE: Closure of Warren McKee locations associated with P&A well sites 1, 2, 3, and 4.

Sorry! I see you have already included the pictures etc. Yes just a E-Mail requesting termination will suffice.

-----Original Message-----

From: Holland, Suzanne P [mailto:Suzanne.P.Holland@conoco.com]
Sent: Monday, October 21, 2002 9:36 AM
To: Wayne Price (E-mail)
Cc: Leach, Larry D; Parks, S Chris; Gatson, Leo; Coy, C. John
Subject: Closure of Warren McKee locations associated with P&A well sites 1, 2, 3, and 4.

Hi Wayne,

Per our closure plan on the Warren McKee site, the final activity is 3 month inspection of site revegetation. If this pictorial documentation is acceptable, I'll submit a request for site closure and termination of the Discharge Plan, BW-001. For your files, do you prefer the pictures on disk, or attached hardcopy to the final closure request? Due to file size, additional pictures are on 2 subsequent emails. Let me know if you have any questions.

Thanks,
Sz

Suzanne P. Holland, P. E.
ConocoPhillips, HSE
Sr. Environmental Coordinator
915-686-5480

<<Warren McKee Closure Plan 8.2.02.doc>> <<Warren McKee Proposed Closure Plan 3.22.02.doc>>
<<Warren McKee #1 three months 002.JPG>> <<Warren McKee #1 three months 003.JPG>>
<<Warren McKee #1 three months 004.JPG>> <<Warren McKee BW#1 three months001.JPG>>

Price, Wayne

From: Holland, Suzanne P [Suzanne.P.Holland@conoco.com]
Sent: Monday, October 21, 2002 9:36 AM
To: Wayne Price (E-mail)
Cc: Leach, Larry D; Parks, S Chris; Gatson, Leo; Coy, C. John
Subject: Closure of Warren McKee locations associated with P&A well sites 1, 2, 3, and 4.



Warren McKee Closure Plan 8.2....
Warren McKee Proposed Closure ...
Warren McKee #1 three months 0...
Warren McKee #1 three months 0...
Warren McKee #1 three months 0...
Warren McKee W#1 three months.

Hi Wayne,
Per our closure plan on the Warren McKee site, the final activity is 3 month inspection of site revegetation. If this pictorial documentation is acceptable, I'll submit a request for site closure and termination of the Discharge Plan, BW-001. For your files, do you prefer the pictures on disk, or attached hardcopy to the final closure request? Due to file size, additional pictures are on 2 subsequent emails. Let me know if you have any questions.

Thanks,
Sz

Suzanne P. Holland, P. E.
ConocoPhillips, HSE
Sr. Environmental Coordinator
915-686-5480

<<Warren McKee Closure Plan 8.2.02.doc>> <<Warren McKee Proposed Closure Plan 3.22.02.doc>>
<<Warren McKee #1 three months 002.JPG>> <<Warren McKee #1 three months 003.JPG>>
<<Warren McKee #1 three months 004.JPG>> <<Warren McKee BW#1 three months001.JPG>>



Suzanne P. Holland, P.E.
Sr. Environmental Coordinator
Mid-Continent Region

Conoco Inc.
10 Desta Drive, Suite 100W
Midland, TX 79705-4500
(915) 686-5480

August 2, 2002

NMOCD - Environmental Bureau
1220 So. St. Francis Drive
Santa Fe, New Mexico 87505

Attn: Mr. Wayne Price

Re: Conoco Warren McKee Site Closure and Termination of Discharge Plan BW-001

Conoco is submitting this completed closure plan for NMOCD approval. This plan will meet closure requirements; terminating Discharge Plan BW-001.

Following is the detail of June 2002 closures, as proposed, for Warren McKee locations associated with P&A well sites 1, 2, 3, and 4. A seed drill was used for planting native seed mix, which was applied according to recommended rate of 9.5 lbs. per acre. The liquid calcium amendment was applied to sites 3 and 4, according to manufacturer's recommendation, in a mix of 1000 lbs. liquid calcium to 1000 lbs. fresh water per acre. (Fresh water weighed 8.3 ppg and calcium amendment weighed 11 ppg). Area rains enhanced the process and eliminated the need to truck water. Enclosures include:

Copies of the final approved C-103's "Subsequent Reports" for wells #1,2,3 and 4.

The lab analysis of composite samples previously submitted with the proposed closure plan.

Picture documentation for each site, before and after reclamation.

1 - (Cl - 2920 mg/kg) - Received concurrence from City of Hobbs, to reclaim site surface. Closed ditch and dressed surface with backhoe leaving the erosion barrier. The ground was ripped to a depth of 8", disc turned and planted with native seed mix.

2 - (Cl - 1510 mg/kg) - Leveled location, eliminating the dirt pile, and dressed surface with a backhoe, leaving the erosion barrier. The ground was ripped to a depth of 8", disc turned and planted with native seed mix.

3 - (Cl - 8319 mg/kg) - Leveled and dressed surface, leaving the erosion barrier. The ground was ripped to a depth of 8" and liquid calcium amendment was applied to chloride-affected areas. The soil was disc turned and planted with native seed mix.

4 - (Cl - 2389 mg/kg) - Leveled and dressed surface, leaving the erosion barrier. The ground was ripped to a depth of 8". In addition to plan proposal, Conoco applied liquid calcium amendment to chloride-affected areas. The soil was disc turned and planted with native seed mix.

Old Exxon site located between Conoco sites - No action by Conoco.
The entrance to wells 2 & 4 was left for City and ranch use as requested.

Within 3 months time, Conoco will inspect for plant growth and if necessary, retreat area. Should there be any questions, I can be contacted at 915-686-5480. Thank you.

Sincerely,

Suzanne P. Holland, P. E.

cc: Hobbs Field Office
Environmental File

March 22, 2002



Suzanne P. Holland, P.E.
Sr. Environmental Coordinator
Mid-Continent Region

Conoco Inc.
10 Desta Drive, Suite 100W
Midland, TX 79705-4500
(915) 686-5480

NM Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Attn: Mr. Wayne Price

**Re: Conoco Warren McKee Proposed Site Closure and
Termination of Discharge Plan BW-001**

Conoco is submitting the following closure plan for NMOCD approval. Copies of the final approved C-103's "Subsequent Reports" for wells #1,2,3 and 4 are enclosed. This will meet closure requirements; terminating Discharge Plan BW-001.

Per your verbal approval, composite samples were taken at each well site. Composite consisted of five samples from each well pad, taken at a depth of 6". The lab analysis results are enclosed.

Proposed Closure Plan of Warren McKee locations associated with P&A well sites 1, 2, 3, and 4.

1 - (C1 - 2920 mg/kg) - Close ditch and dress surface with backhoe - plant native seed mix.

2 - (C1 - 1510 mg/kg) - Reduce dirt pile, leaving erosion barrier. Dress surface with backhoe - plant native seed mix.

3 - (C1 - 8319 mg/kg) - Dress surface with backhoe - apply liquid calcium amendment - plant native seed mix.

4 - (C1 - 2389 mg/kg) - Dress surface with backhoe - plant native seed mix.

In 3 months time, inspect for plant growth and retreat as necessary.

Old Exxon site located between Conoco sites - No action planned by Conoco.
Entrance to wells 2 & 4 - Rancher requested that it be left 'as is' for his use.

Should there be any questions, I can be contacted at 915-686-5480. Thank you.

Sincerely,

Suzanne P. Holland, P. E.

cc: Hobbs Field Office
Environmental File









Price, Wayne

From: Holland, Suzanne P [Suzanne.P.Holland@conoco.com]
Sent: Monday, October 21, 2002 9:36 AM
To: Wayne Price (E-mail)
Cc: Gatson, Leo; Coy, C. John; Wilson, Steve R.; Leach, Larry D; Parks, S Chris
Subject: Warren McKee #2, #3



Warren McKee #2 three months 0... Warren McKee #3 three months 0...

Wayne,

More pictures.
Sz

Suzanne P. Holland, P. E.
ConocoPhillips, HSE
Sr. Environmental Coordinator
915-686-5480

<<Warren McKee #2 three months 001.JPG>> <<Warren McKee #2 three months 002.JPG>>
<<Warren McKee #2 three months 003.JPG>> <<Warren McKee #2 three months 004.JPG>>
<<Warren McKee #3 three months 001.JPG>>



#2









Price, Wayne

From: Holland, Suzanne P [Suzanne.P.Holland@conoco.com]
Sent: Monday, October 21, 2002 9:37 AM
To: Wayne Price (E-mail)
Cc: Leach, Larry D; Parks, S Chris; Gatson, Leo; Coy, C. John
Subject: Warren McKee #3, #4



Warren McKee #3 three months 0... Warren McKee #3 three months 0... Warren McKee #3 three months 0... Warren McKee #4 three months 0... Warren McKee #4 three months 0... Warren McKee #4 three months 0...

Last pictures,

Sz

Suzanne P. Holland, P. E.
ConocoPhillips, HSE
Sr. Environmental Coordinator
915-686-5480

<<Warren McKee #3 three months 002.JPG>> <<Warren McKee #3 three months 003.JPG>>
<<Warren McKee #3 three months 004.JPG>>
<<Warren McKee #4 three months 001.JPG>> <<Warren McKee #4 three months 002.JPG>>
<<Warren McKee #4 three months 003.JPG>>













Price, Wayne

From: Price, Wayne
Sent: Thursday, April 11, 2002 3:38 PM
To: 'Holland, Suzanne P'
Cc: Sheeley, Paul; Johnson, Larry
Subject: RE: Proposed Closure of Warren McKee locations associated with P&A well sites 1, 2, 3, and 4.

OCD hereby approves of the action plan. Please submit request for Discharge Plan termination and site closure after the actions have been completed. Please provide documentation of final closure activities.

Please be advised that NMOCD approval of this plan does not relieve Conoco of liability should their operations fail to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD approval does not relieve Conoco of responsibility for compliance with any other federal, state, or local laws and/or regulations.

-----Original Message-----

From: Holland, Suzanne P [mailto:Suzanne.P.Holland@conoco.com]
Sent: Tuesday, March 26, 2002 10:05 AM
To: Price, Wayne
Subject: RE: Proposed Closure of Warren McKee locations associated with P&A well sites 1, 2, 3, and 4.

Thanks for helping - How does this look?
Suzanne

-----Original Message-----

From: Price, Wayne [mailto:WPrice@state.nm.us]
Sent: Monday, March 25, 2002 5:25 PM
To: Holland, Suzanne P
Subject: RE: Proposed Closure of Warren McKee locations associated with P&A well sites 1, 2, 3, and 4.

Please call me when you get back in!!

-----Original Message-----

From: Holland, Suzanne P [mailto:Suzanne.P.Holland@conoco.com]
Sent: Friday, March 22, 2002 4:41 PM
To: WPrice@state.nm.us
Cc: Gatson, Leo; Dosch, Jim T.; Johansen, Larry D.
Subject: Proposed Closure of Warren McKee locations associated with P&A well sites 1, 2, 3, and 4.

Wayne,
Here's the closure we discussed. I'll be sending this proposal with the NOT and the final approved C-103s next week.
Please call me at 915-686-5480 if you have any questions or suggestions.

Thanks,
Suzanne

<<Warren McKee Closure Plan 3.22.02.doc>>



March 22, 2002

Suzanne P. Holland, P.E.
Sr. Environmental Coordinator
Mid-Continent Region

Conoco Inc.
10 Desta Drive, Suite 100W
Midland, TX 79705-4500
(915) 686-5480

NMOCD - Environmental Bureau
Surface Water Quality Department
Harold Runnels Building
1190 St. Francis Drive / P.O. Drawer 26110
Santa Fe, New Mexico 87502-0110

Attn: Mr. Wayne Price

**Re: Conoco Warren McKee Proposed Site Closure and
Termination of Discharge Plan BW-001**

Conoco is submitting the following closure plan for NMOCD approval. Copies of the final approved C-103's "Subsequent Reports" for wells #1,2,3 and 4 are enclosed. This will meet closure requirements; terminating Discharge Plan BW-001.

Per your verbal approval, composite samples were taken at each well site. Composite consisted of five samples from each well pad, taken at a depth of 6". The lab analysis results are enclosed.

Proposed Closure Plan of Warren McKee locations associated with P&A well sites 1, 2, 3, and 4.

1 - (Cl - 2920 mg/kg) - Close ditch and dress surface with backhoe - plant native seed mix.

2 - (Cl - 1510 mg/kg) - Reduce dirt pile, leaving erosion barrier. Dress surface with backhoe - plant native seed mix.

3 - (Cl - 8319 mg/kg) - Dress surface with backhoe - apply liquid calcium amendment - plant native seed mix.

4 - (Cl - 2389 mg/kg) - Dress surface with backhoe - plant native seed mix.

In 3 months time, inspect for plant growth and retreat as necessary.

Old Exxon site located between Conoco sites - No action planned by Conoco.
Entrance to wells 2 & 4 - Rancher requested that it be left 'as is' for his use.

Should there be any questions, I can be contacted at 915-686-5480. Thank you.

Sincerely,

Suzanne P. Holland, P. E.

cc: Hobbs Field Office
Environmental File

Price, Wayne

From: Price, Wayne
Sent: Thursday, February 07, 2002 10:57 AM
To: 'R-Neal.Goates@conoco.com'
Subject: Conoco Warren McKee Brine wells Discharge Plan BW-001

Dear Neal:

Please find enclosed a copy of the letter dated November 23, 1999. Please note Item #1 has been completed. Item #2 needs to be addressed. Please submit a closure plan by April 01, 2002. Also enclosed is photos of my last visit to the site on 11/21/01.



DPTERM.doc



DCP00248.JPG



DCP00249.JPG



DCP00250.JPG



DCP00251.JPG



DCP00252.JPG



DCP00253.JPG



DCP00254.JPG



DCP00255.JPG



DCP00256.JPG



DCP00257.JPG

Pic #248 Well #3 entrance
Pic #249 Well #3 Pad
Pic #250 Well #3 Pad looking east
Pic #251 Well #3 Pad north and east of P&A marker shows salt stain
Pic #252 Well #1 Pad shows ditch- needs to be filled and covered.
Pic #253 Old Exxon well between brine wells
Pic #254 Entrance to Brine wells # 2&4
Pic #255 Well #4 general area
Pic #256 Well #4 P&A
Pic #257 Well #2 P&A in background- foreground has dirt pile and truck activity??

OCD ENVIRONMENTAL BUREAU

SITE INSPECTION SHEET

DATE: 11-21 Time: 1:30 PM

Type of Facility: Refinery Gas Plant Compressor St. Brine St. Oilfield Service Co.
Surface Waste Mgt. Facility E&P Site Crude Oil Pump Station
Other _____

Discharge Plan: No Yes DP# BW-001 & 1A

FACILITY NAME: WARREN McKee BRINE WELL 3 & 4

PHYSICAL LOCATION: _____

Legal: QTR QTR Sec 2 TS 205 R 38E County LEA

ULM
OWNER/OPERATOR (NAME) CONOCO INC.

Contact Person: _____ Tele:# _____

MAILING
ADDRESS: _____ State _____ ZIP _____

Owner/Operator Rep's: _____

OCD INSPECTORS: W PRICE

1. **Drum Storage:** All drums containing materials other than fresh water must be stored on an impermeable pad with curbing. All empty drums will be stored on their sides with the bungs in and lined up on a horizontal plane. Chemicals in other containers such as sacks or buckets will also be stored on an impermeable pad and curb type containment.

2. **Process Areas:** All process and maintenance areas which show evidence that leaks and spills are reaching the ground surface must be either paved and curbed or have some type of spill collection device incorporated into the design.

3. **Above Ground Tanks:** All above ground tanks which contain fluids other than fresh water must be bermed to contain a volume of one-third more than the total volume of the largest tank or of all interconnected tanks. All new tanks or existing tanks that undergo a major modification, as determined by the Division, must be placed within an impermeable bermed enclosure.

4. Above Ground Saddle Tanks: Above ground saddle tanks must have impermeable pad and curb type containment unless they contain fresh water or fluids that are gases at atmospheric temperature and pressure.

5. Labeling: All tanks, drums and containers will be clearly labeled to identify their contents and other emergency notification information.

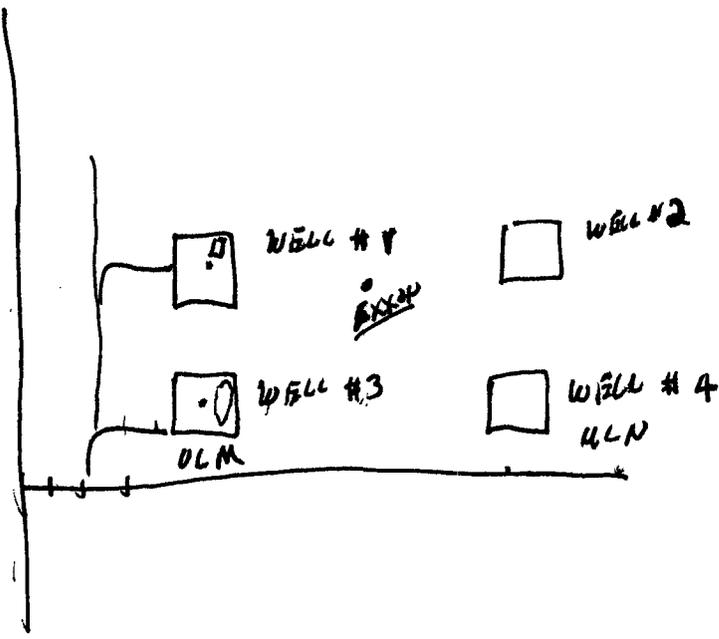
6. Below Grade Tanks/Sumps: All below grade tanks, sumps, and pits must be approved by the OCD prior to installation or upon modification and must incorporate secondary containment and leak-detection into the design. All pre-existing sumps and below-grade tanks must demonstrate integrity on an annual basis. Integrity tests include pressure testing to 3 pounds per square inch above normal operating pressure and/or visual inspection of cleaned out tanks and/or sumps, or other OCD approved methods. The OCD will be notified at least 72 hours prior to all testing.

7. Underground Process/Wastewater Lines: All underground process/wastewater pipelines must be tested to demonstrate their mechanical integrity at present and then every 5 years thereafter, or prior to discharge plan renewal. The permittee may propose various methods for testing such as pressure testing to 3 pounds per square inch above normal operating pressure or other means acceptable to the OCD. The OCD will be notified at least 72 hours prior to all testing.

8. Onsite/Offsite Waste Disposal and Storage Practices: Are all wastes properly characterized and disposed of correctly? Does the facility have an EPA hazardous waste number? Yes No

ARE ALL WASTE CHARACTERIZED AND DISPOSED OF PROPERLY? YES NO IF NO DETAIL BELOW.

North - East Hwy
↗



9. **Class V Wells:** Leach fields and other wastewater disposal systems at OCD regulated facilities which inject non-hazardous fluid into or above an underground source of drinking water are considered Class V injection wells under the EPA UIC program. All Class V wells that inject non-hazardous industrial wastes or a mixture of industrial wastes and domestic wastes will be closed unless it can be demonstrated that groundwater will not be impacted in the reasonably foreseeable future. Closure of Class V wells must be in accordance with a plan approved by the Division's Santa Fe Office. The OCD allows industry to submit closure plans which are protective of human health, the environment and groundwater as defined by the WQCC, and are cost effective. Class V wells that inject domestic waste only must be permitted by the New Mexico Environment Department.

ANY CLASS V WELLS NO YES IF YES DESCRIBE BELOW! Undetermined

10. **Housekeeping:** All systems designed for spill collection/prevention will be inspected weekly and after each storm event to ensure proper operation and to prevent overtopping or system failure. A record of inspections will be retained on site for a period of five years.

11. **Spill Reporting:** All spills/releases will be reported pursuant to OCD Rule 116 and WQCC 1203 to the proper OCD District Office.

12. **Does the facility have any other potential environmental concerns/issues?**

13. **Does the facility have any other environmental permits - i.e. SPCC, Stormwater Plan, etc.?**

14. **ANY WATER WELLS ON SITE? NO YES IF YES, HOW IS IT BEING USED?**

Miscellaneous Comments:

PIC #1 - WELL # 3 ENTRANCE, PIC #2 - WELL #3 PAD, PIC #3 LOOKING NW
PIC #4 - LOOKING EAST, PIC #5 - SLIGHT SALT STAIN (OLD DRILL PIE)
PIC #6 - WELL #1 PLOGS 8-14-95 / PIC #7 LOOKING SE OLD DRILL PIE OLD EXXON
P+ A 11-22-83 NM NS STATE #1 2-205-38A 660 BSL / 1320 FWL - THIS WELL BASE
of CONOCO #1 / PIC #8 ENTRANCE TO WELL # 2 + 4 / PIC #9 PAD LOOKING S / #10 P+ A

Number of Photos taken at this site: _____
attachments-

PIC #11 - P+ A + PAD WELL # 2



CONOCO BW-001 + 1A
PIC #1 WELL #3 ENTRANCE



pic #2 WELL #3 BW-001



PIC # 3 - SAME AS 2 BW-001



PIC # ~~4~~ EAST of WELL P+A WELL # 3
5 NORTH + EAST
- SALT STAIN -

BW-001
CONOCO



Pic # 6 WELL # 1 PtA - LOOKING NORTH BW-001



pic # 7

BW-001



PIC # 8 ENTRANCE TO WELL # 2 + 7 BW-001



pic # 9 - ~~SA~~ LOOKING SOUTH

BW-001



Pic # 10 P+A

BW-001



PIC # 11 POA Well # 2

BW-001

BW 001

SW/4 NW/4

2-20-38E

BW 001 A

SW/4 NW/4

2-20-38E

Flow Well # 1

SW/4 SW/4 NW/4

unit M

PJA C-103 APPROVED
12/05/94

NEED C-103 SUB
REPORTS

OP APPROVED 6/6/94

PJA

710 FSL / 420 FWL
660 FSL / 1780 FWL

Well # 1 + 2

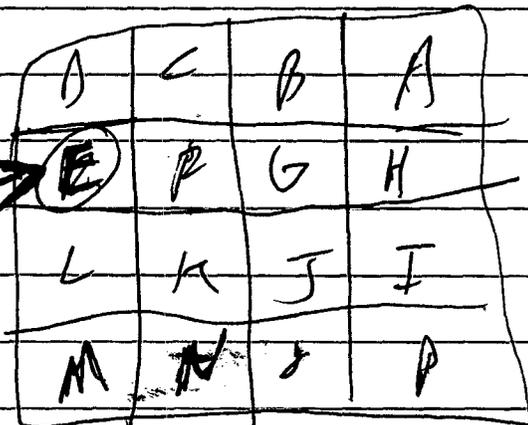
2-20-38

M N

Well # 3 + 4

M N
330 FSL 330 FSL
420 FWL 1980 FWL

1-17-38



1 2
.
3 4
.

To Mr. Price

Date 3-24-00

Attached are copies of C-103's
submitted 3-22-00 on the four
Warren McKee Bine Wells. I was
informed that your office is working
the cancellation of a permit regarding
these wells. If you need to see
the original filings, they were
submitted to your Hobbs office.

Thank you -
Reesa



+Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C 103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

P.O. Drawer DD, Artesia, NM 88210

DISTRICT 111
1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO.	30-025-23048
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	B-9652
7. Lease Name or Unit Agreement Name	Warren McKee Brine
8. Well No.	1
9. Pool name or Wildcat	BSW: Salado
10. Elevation (Show whether DF, RKB, RT, GR, etc.)	

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 (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:
Oil Well Gas Well OTHER Brine Well

2. Name of Operator
Conoco Inc.

3. Address of Operator
10 Desta Dr. Ste 100W, Midland, Tx 79705-4500

4. Well Location
Unit Letter ? 710 Feet From The South Line and 420 Feet From The West Line
Section 2 Township 20S Range 38E NMPM Lea County

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
OTHER: _____ <input type="checkbox"/>	PLUG AND ABANDONMENT <input checked="" type="checkbox"/>
	CASING TEST AND CEMENT JOB <input type="checkbox"/>
	OTHER: _____ <input type="checkbox"/>

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

This well was plugged and abandoned 3/14/95, per the attached procedure.

12. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Reesa Wilkes TITLE Sr. Staff Regulatory Assistant DATE 03/22/00

TYPE OR PRINT NAME Reesa R. Wilkes TELEPHONE NO. 915/686-5580

(this space for State Use) SIGNED COPIES IN OGD WELL FILES WP

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Distribution: OGD (3), SHEAR, PONCA, COST ASST, FIELD, WELL FILE

DA&S OIL WELL SERVICING INCORPORATED

Conoco, Inc.
Warren McKee No. 1

3/13/95 Rig up, run 9 5/8 cast iron bridge plug,
set at 1425', circulate mud, spot 70 sacks
cement from 1445' - 1235', pull to 300',
spot 50 sacks, shut down.

3/14/95 Tag cement at 110', cement plug from
300' - 110', pull tubing to 30',
circulate 15 sacks cement to surface,
cut off wellhead, put in marker, rig down,
move off.

Mud 25lb. Salt Gel per bbl.
Class "C" Cement

Total Cost: \$8,494.84

505-392-6591 • P.O. BOX 2545 • HOBBS, NEW MEXICO 88241

LOCATIONS

HOBBS, NEW MEXICO (505) 392-6591
ANDREWS, TEXAS (915) 523-4420

EUNICE, NEW MEXICO (505) 394-2557
MIDLAND, TEXAS (915) 685-8555

+Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C 103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

P.O. Drawer DD, Artesia, NM 88210

DISTRICT T11
1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO. 30-025-30707
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. B-9652
7. Lease Name or Unit Agreement Name Warren McKee Brine
8. Well No. 2
9. Pool name or Wildcat BSW: Salado
10. Elevaon (Show whether DF, RKB, RT, GR, etc.)

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
(FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:
Oil Well Gas Well OTHER Brine Well

2. Name of Operator
Conoco Inc.

3. Address of Operator
10 Desta Dr. Ste 100W, Midland, Tx 79705-4500

4. Well Location
Unit Letter N 660 Feet From The South Line and 1980 Feet From The West Line
Section 2 Township 20S Range 38E NMPM Lea County

10. Elevaon (Show whether DF, RKB, RT, GR, etc.)

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input checked="" type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>		CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: _____ <input type="checkbox"/>		OTHER: _____ <input type="checkbox"/>	

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

This well was plugged and abandoned 3/15/95, per the attached procedure.

It appears that a C-103 was prepared on this 4/12/95 (also see attached); however, an approved copy can not be located.

12. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Reesa Wilkes TITLE Sr. Staff Regulatory Assistant DATE 03/22/00
 TYPE OR PRINT NAME Reesa R. Wilkes TELEPHONE NO. 915/686-5580

(this space for State Use) SIGNED COPIES IN OCD WELL FILES WP

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

Distribution: OCD (3), SHEAR, PONCA, COST ASST, FIELD, WELL FILE

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL API NO.
30-025-30707

5. Indicate Type of Lease
STATE FEE

6. State Oil & Gas Lease No.
B-9652

7. Lease Name or Unit Agreement Name

WARREN MCKEE BRINE

8. Well No.
2

9. Pool name or Wildcat
BSW: SALADO

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" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:
OIL WELL GAS WELL OTHER BRINE EXTRACTION

2. Name of Operator
CONOCO INC. <005073>

3. Address of Operator
10 Desta Drive Ste 100 W. Midland, TX 79705

4. Well Location
Unit Lease N : 660 Feet From The SOUTH Line and 1980 Feet From The WEST Line
Section 2 Township 20 S Range 38 E NMPM LEA County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)
GR 3590

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input checked="" type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>		CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

3-14-95 MIRU. GIN W/ 7" CIBP SSET @ 1550'. CIRCULATE MUD. SPOT 35 SX CEMENT FROM 1550' TO 1340'. PUH TO 470' SPOT 25 SX CEMENT. PUH. TAG PLUG @ 320'. SPOT 15 SX CEMENT FROM 60' TO SURFACE. CUT OFF WELLHEAD AND INSTALL P&A MARKER.

3-05-95 RDMO. WELL IS PLUGGED.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Bill R. Keathly TITLE SR. REGULATORY SPEC. DATE 4-12-95
TYPE OR PRINT NAME BILL R. KEATHLY TELEPHONE NO. 915-686-5424

(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

DA&S OIL WELL SERVICING INCORPORATED

Conoco, Inc.
Warren McKee No. 2

3/15/95 Rig up, run 7" cast iron bridge plug, set at 1550', circulate mud, spot 35 sacks cement from 1550' - 1340', pull tubing to 470', spot 25 sacks, wait to tag, tag at 320', cement plug 470' - 320', spot 15 sacks from 60' to surface, cut off wellhead, put in marker.

Mud 25lb. Salt Gel per bbl.
Class "C" Cement

Total Cost: \$6,242.34

505-392-6591 • P.O. BOX 2545 • HOBBS, NEW MEXICO 88241

LOCATIONS

HOBBS, NEW MEXICO (505) 392-6591
ANDREWS, TEXAS (915) 523-4420

EUNICE, NEW MEXICO (505) 394-2557
MIDLAND, TEXAS (915) 685-8555

+Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C 103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

P.O. Drawer DD, Artesia, NM 88210

DISTRICT 111
1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO.
30-025-32745

5. Indicate Type of Lease
STATE FEE

6. State Oil & Gas Lease No.
B-9652

7. Lease Name or Unit Agreement Name
Warren McKee Brine

8. Well No.
3

9. Pool name or Wildcat
BSW: Salado

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
(FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:
Oil Well Gas Well OTHER Brine Well

2. Name of Operator
Conoco Inc.

3. Address of Operator
10 Desta Dr. Ste 100W, Midland, Tx 79705-4500

4. Well Location
Unit Letter M 330 Feet From The South Line and 420 Feet From The West Line
Section 2 Township 20S Range 38E NMPM Lea County

10. Elevaouon (Show whether DF, RKB, RT, GR, etc.)

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data
NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK PLUG AND ABANDON
TEMPORARILY ABANDON CHANGE PLANS
PULL OR ALTER CASING OTHER:
SUBSEQUENT REPORT OF: REMEDIAL WORK ALTERING CASING
COMMENCE DRILLING OPNS. PLUG AND ABANDONMENT
CASING TEST AND CEMENT JOB OTHER

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

This well was plugged and abandoned 1/24/00, per the attached documentation from Pool Company.

12. I hereby certify that the information above is true and complete to the best of my knowledge and belief.
SIGNATURE Reesa Wilkes TITLE Sr. Staff Regulatory Assistant DATE 03/22/00
TYPE OR PRINT NAME Reesa R. Wilkes TELEPHONE NO. 915/686-5580

(this space for State Use)
APPROVED BY _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

Distribution: OCD (3), SHEAR, PONCA, COST ASST, FIELD, WELL FILE

SIGNED COPIES IN OCD WELL FILES wp

Submit 3 Copies To Appropriate District
 Office
 District I
 1625 N. French Dr., Hobbs, NM 87240
 District II
 811 South First, Artesia, NM 87210
 District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV
 2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-10
 Revised March 25, 1999

OIL CONSERVATION DIVISION
 2040 South Pacheco
 Santa Fe, NM 87505

WELL API NO. 30-025-32745	
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>	
6. State Oil & Gas Lease No. B-9652	
7. Warren Mckee Brine Well	
8 3	9. Pool name or Wildcat BSW Salado (96173)

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" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:
 Oil Well Gas Well Other - Injection

2. Name of Operator
 Conoco Inc.

3. Address of Operator
 10 Desta Dr. Ste. 100w Midland, TX. 79705

10. Well Location
 Unit Letter M 330" feet from the South line and 420' feet from the West Line
 Section 2 Township 20S Range 38E NMPM LEA County

10. Elevation (Show whether DR, RKB, RT, GR, ETC.)
 3575'GR

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input checked="" type="checkbox"/>
PULL OR ALTER CASING	MULTIPLE COMPLETION <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	XXX
OTHER:		OTHER:	<input type="checkbox"/>

11. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

- RIH w/ C.I.B.P. to 1600' Set cibp Spotted plug #1 25sx. cement from 1600' to 1450'
- Circulated the hole w/ gelled brine mud (30sx. salt gel. 60bbbls. brine.)
- Spotted plug #2 (25sx. cement) from 500' to 350'
- Spotted a 10sx. surface plug.
- Installed Dry-hole Marker and cleaned location.

1
 hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE B. Fisher TITLE : FIELD SUPERVISOR DATE 01/24/00

Type or print name: BEN FISHER
 (This space for State use)

APPROVED BY _____ TITLE _____ DATE _____

Conditions of approval

+Submit 3 Copies to Appropriate District Office

DISTRICT I P.O. Box 1980, Hobbs, NM 88240

OIL CONSERVATION DIVISION P.O. Box 2088 Santa Fe, New Mexico 87504-2088

P.O. Drawer DD, Artesia, NM 88210

DISTRICT II 1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO. 30-025-32746

5. Indicate Type of Lease STATE [X] FEE []

6. State Oil & Gas Lease No. B-9652

7. Lease Name or Unit Agreement Name

Warren McKee Brine

8. Well No. 4

9. Pool name or Wildcat BSW: Salado

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 (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well [] Gas Well [] OTHER Brine Well

2. Name of Operator Conoco Inc.

3. Address of Operator 10 Desta Dr. Ste 100W, Midland, Tx 79705-4500

4. Well Location Unit Letter N 330 Feet From The South Line and 1980 Feet From The West Line Section 2 Township 20S Range 38E NMPM Lea County

10. Elevaouon (Show whether DF, RKB, RT, GR, etc.)

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK [] PLUG AND ABANDON [] REMEDIAL WORK [] ALTERING CASING [] TEMPORARILY ABANDON [] CHANGE PLANS [] COMMENCE DRILLING OPNS. [] PLUG AND ABANDONMENT [X] PULL OR ALTER CASING [] CASING TEST AND CEMENT JOB [] OTHER: [] OTHER []

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

This well was plugged and abandoned 1/26/00, per the attached documentation from Pool Company.

12. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Reesa Wilkes TITLE Sr. Staff Regulatory Assistant DATE 03/22/00

TYPE OR PRINT NAME Reesa R. Wilkes TELEPHONE NO. 915/686-5580

(this space for State Use) SIGNED SIGNED COPIES IN OCD WELL FILE WP

APPROVED BY TITLE DATE

CONDITIONS OF APPROVAL, IF ANY:

Distribution: OCD (3), SHEAR, PONCA, COST ASST, FIELD, WELL FILE

Submit 3 Copies To Appropriate District
 Office
 District I
 1625 N. French Dr., Hobbs, NM 87240
 District II
 811 South First, Artesia, NM 87210
 District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV
 2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-10
 Revised March 25, 1999

OIL CONSERVATION DIVISION
 2040 South Pacheco
 Santa Fe, NM 87505

WELL API NO. 30-025-32746
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. B-9652
7. Warren Mckee Brine Well
8 4
9. Pool name or Wildcat BSW Salado (96173)

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" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:
 Oil Well Gas Well Other - Injection Brine supply well

2. Name of Operator
 Conoco Inc.

3. Address of Operator
 10 Desta Dr. Ste. 100w Midland, TX. 79705

10. Well Location

Unit Letter N 330" feet from the South line and 1980' feet from the West Line

Section 2 Township 20S Range 38E NMPM LEA County

10. Elevation (Show whether DR, RKB, RT, GR, ETC.)
3568' GR

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input checked="" type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPLETION <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	XXX
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

11. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

- RIH w/ C.I.B.P. to 1600' Set cibp Spotted plug #1 25sx. cement from 1600' to 1450'
- Circulated the hole w/ gelled brine mud (30sx. salt gel. 60bbls. brine.)
- Spotted plug #2 (25sx. cement) from 500' to 350'
- Spotted a 10sx. surface plug.
- Installed Dry-hole Marker and cleaned location.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Ben Fisher TITLE : FIELD SUPERVISOR DATE 01/26/00

Type or print name: BEN FISHER
 (This space for State use)

APPROVED BY _____ TITLE _____ DATE _____

Conditions of approval

+Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C 103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

P.O. Drawer DD, Artesia, NM 88210

DISTRICT T11
1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO.
30-025-25836

5. Indicate Type of Lease
STATE FEE

6. State Oil & Gas Lease No.
B-9652

7. Lease Name or Unit Agreement Name
Warren McKee Brine

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
(FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:
Oil Well Gas Well OTHER Brine Well

2. Name of Operator
Conoco Inc.

8. Well No.
1

3. Address of Operator
10 Desta Dr. Ste 100W, Midland, Tx 79705-4500

9. Pool name or Wildcat
BSW: Salado

4. Well Location
Unit Letter ? 710 Feet From The South Line and 420 Feet From The West Line
Section 2 Township 20S Range 38E NMPM Lea County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data
NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK PLUG AND ABANDON
TEMPORARILY ABANDON CHANGE PLANS
PULL OR ALTER CASING
OTHER:
SUBSEQUENT REPORT OF: REMEDIAL WORK ALTERING CASING
COMMENCE DRILLING OPNS. PLUG AND ABANDONMENT
CASING TEST AND CEMENT JOB
OTHER:

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

This well was plugged and abandoned 3/14/95, per the attached procedure.

NOTE: Re-submission from 3/22/00 filing, correcting API No.

RECEIVED
AUG 03 2000
Environmental Bureau
Oil Conservation Division

12. I hereby certify that the information above is true and complete to the best of my knowledge and belief.
SIGNATURE Reesa Wilkes TITLE Sr. Staff Regulatory Assistant DATE 04/06/00
TYPE OR PRINT NAME Reesa R. Wilkes TELEPHONE NO. 915/686-5580

(this space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Distribution: OCD (3), SHEAR, PONCA, COST ASST, FIELD, WELL FILE

OCD Santa Fe

DA&S OIL WELL SERVICING INCORPORATED

Conoco, Inc.
Warren McKee No. 1

3/13/95 Rig up, run 9 5/8 cast iron bridge plug,
set at 1425', circulate mud, spot 70 sacks
cement from 1445' - 1235', pull to 300',
spot 50 sacks, shut down.

3/14/95 Tag cement at 110', cement plug from
300' - 110', pull tubing to 30',
circulate 15 sacks cement to surface,
cut off wellhead, put in marker, rig down,
move off.

Mud 25lb. Salt Gel per bbl.
Class "C" Cement

Total Cost: \$8,494.84

RECEIVED
AUG 03 2000
Environmental Bureau
Oil Conservation Division

505-392-6591 • P.O. BOX 2545 • HOBBS, NEW MEXICO 88241

LOCATIONS

HOBBS, NEW MEXICO (505) 392-6591
ANDREWS, TEXAS (915) 523-4420

ELNICE, NEW MEXICO (505) 394-2557
MIDLAND, TEXAS (915) 685-8555

+Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C 103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

P.O. Drawer DD, Artesia, NM 88210

DISTRICT 111
1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO.	30-025-23048
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	B-9652
7. Lease Name or Unit Agreement Name	Warren McKee Brine
8. Well No.	1
9. Pool name or Wildcat	BSW: Salado

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
(FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:	Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> OTHER Brine Well
2. Name of Operator	Conoco Inc.
3. Address of Operator	10 Desta Dr. Ste 100W, Midland, Tx 79705-4500
4. Well Location	Unit Letter <u>?</u> <u>710</u> Feet From The <u>South</u> Line and <u>420</u> Feet From The <u>West</u> Line Section <u>2</u> Township <u>20S</u> Range <u>38E</u> NMPM <u>Lea</u> County

10. Elevaon (Show whether DF, RKB, RT, GR, etc.)

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input checked="" type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>		CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: _____ <input type="checkbox"/>		OTHER _____ <input type="checkbox"/>	

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

This well was plugged and abandoned 3/14/95, per the attached procedure.

RECEIVED
AUG 03 2000
Environmental Bureau
Oil Conservation Division

13. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Reesa Wilkes TITLE Sr. Staff Regulatory Assistant DATE 03/22/00

TYPE OR PRINT NAME Reesa R. Wilkes TELEPHONE NO. 915/686-5580

(this space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:



Conoco Inc.

Request for Facsimile
Transmission

Date

8/4/00

From

Employee Rudy Quiroz	Ext. 505-676-3528
City, State, Country Maljamar, N.M.	Room No.
Acct. No. 505-676-2401	

To

Name Wayne Price	Phone No. Fax 505-827-8177
Department Oil Conservation Division	Room No.
City, State Country Santa Fe, N.M.	

No. of Pages

1+Cover

Note:

1. Your originals must have good contrast (dark detail on light background).
2. Legible.
3. 1/2 Inch margin on all sides of sheet.
4. Number all pages.

Special Instructions

This is your fax notice and you will also receive a copy via certified mail.

**Thank You,
Rudy Quiroz**



Rudy Quiroz
Operations Tech III
Natural Gas & Gas Products

Conoco Inc.
P.O. Box 90
Maljamar, NM 88264
505-676-3528

August 4, 2000

Ms. Donna Williams
District 1
Oil Conservation Division
1625 N. French Drive
Hobbs, NM 88240

**RE: Disposal of Clark Sump Pit Waste
Maljamar Gas Plant
Conoco Inc. Natural Gas & Gas Products**

Dear Ms. Williams:

Conoco Inc. submits the following information in accordance with OCD discharge plan requirements for disposing of oilfield wastes. The Maljamar Gas Plant generated 130 barrels of Clark sump pit waste. This waste was generated by cleaning the Clark sump pits and old Clark engines, which leak lube oil and water. This waste has been tested and is non-hazardous. Conoco Inc. has chosen Controlled Recovery Inc. as the disposal location.

Generator Name:	Conoco Inc., Natural Gas & Gas Products Maljamar Gas Plant
Location:	1001 Conoco Road Maljamar, N.M. 88264
Waste Hauler Name:	Hughes Steve Carter
Waste Stream:	Lube Oil and Water Mix
Approximate Quantity:	130 barrels
Disposal Site:	Controlled Recoveries P.O Box 388 Hobbs, N.M. 88241
OCD Permit No.:	R9166

Conoco Inc. appreciates your cooperation in this matter. If you have any questions or require additional information, please call me at (505) 676-3528. Thank you for your assistance.

Sincerely,

Rudy Quiroz

CC: Wayne Price
Environmental Bureau
Oil Conservation Division
2040 South Pacheco
Santa Fe, New Mexico 87505



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

November 23, 1999

CERTIFIED MAIL
RETURN RECEIPT NO. Z 274 520 729

Mr. Neil Goates
Conoco Inc.
10 Desta Drive, Suite 100w
Midland, Texas 79705-4500

**RE: Conoco Warren McKee Brine Station Termination
Discharge Plan BW-001**

Dear Mr. Goates:

The New Mexico Oil Conservation Division (NMOCD) is in receipt of the NMOCD C-103's Notice of Intent to plug and abandon the Warren McKee Brine Well #3 and Well #4 located in Unit Letter M and N respectively of Section 2, Township 20 south, Range 38 east. The plan to plug and abandon these wells is hereby approved.

Please be advised that NMOCD approval of this plan does not relieve Conoco Inc. of liability should their operations fail to adequately plug and abandon the above mentioned wells in a manner that will prevent ground or surface water contamination, and protect human health or the environment. In addition, NMOCD approval does not relieve Conoco Inc. of responsibility for compliance with any other federal, state, or local laws and/or regulations.

The NMOCD has the following requirements in order to terminate the Discharge Plan BW-001.

1. Submit to the NMOCD Environmental Bureau a copy of the final approved C-103's "Subsequent Reports" for wells #1,2,3 and 4.
2. Submit a closure plan for NMOCD approval. (Discharge Plan Approval Condition Item #14.)

If you require any further information or assistance please do not hesitate to write or call me at (505-827-7155).

Sincerely Yours,

Wayne Price-Pet. Engr. Spec.
Environmental Bureau

cc: OCD Hobbs Office

Submit 3 Copies to Appropriate District Office

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-103 Revised 1-1-89

DISTRICT I P.O. Box 1980, Hobbs, NM 88240

OIL CONSERVATION DIVISION 310 Old Santa Fe Trail, Room 206 Santa Fe, New Mexico 87503

DISTRICT II P.O. Drawer DD, Artesia, NM 88210

DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO. 30-025-32745

5. Indicate Type of Lease STATE [X] FEE []

6. State Oil & Gas Lease No. B-9652

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 (FORM C-101) FOR SUCH PROPOSALS.)

7. Lease Name or Unit Agreement Name

1. Type of Well: OIL WELL [] GAS WELL [] OTHER Brine Supply Well

Warren McKee Brine Well

2. Name of Operator CONOCO, Inc.

8. Well No. 3

3. Address of Operator 10 Desta Dr., Ste. 100W, Midland, Tx 79705

9. Pool name or Wildcat BSW Salado (96173)

4. Well Location: Unit Letter M : 330 Feet From The South Line and 420 Feet From The West Line Section 2 Township 20S Range 38E NMPM Lea County

10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3575' GR

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data. NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK [] PLUG AND ABANDON [X] TEMPORARILY ABANDON [] CHANGE PLANS [] PULL OR ALTER CASING [] OTHER: [] SUBSEQUENT REPORT OF: REMEDIAL WORK [] ALTERING CASING [] COMMENCE DRILLING OPNS. [] PLUG AND ABANDONMENT [] CASING TEST AND CEMENT JOB [] OTHER: []

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

- 1. Set a C.I.B.P. at 1600' with 35' of cement on top.
2. Circulate hole with gelled brine mud.
3. Spot a 25 sack cement plug 350'-500'.
4. Spot a 10 sack cement surface plug.
5. Install a dryhole marker and clear location.

RECEIVED OCT 27 1999 Environmental Bureau Oil Conservation Division

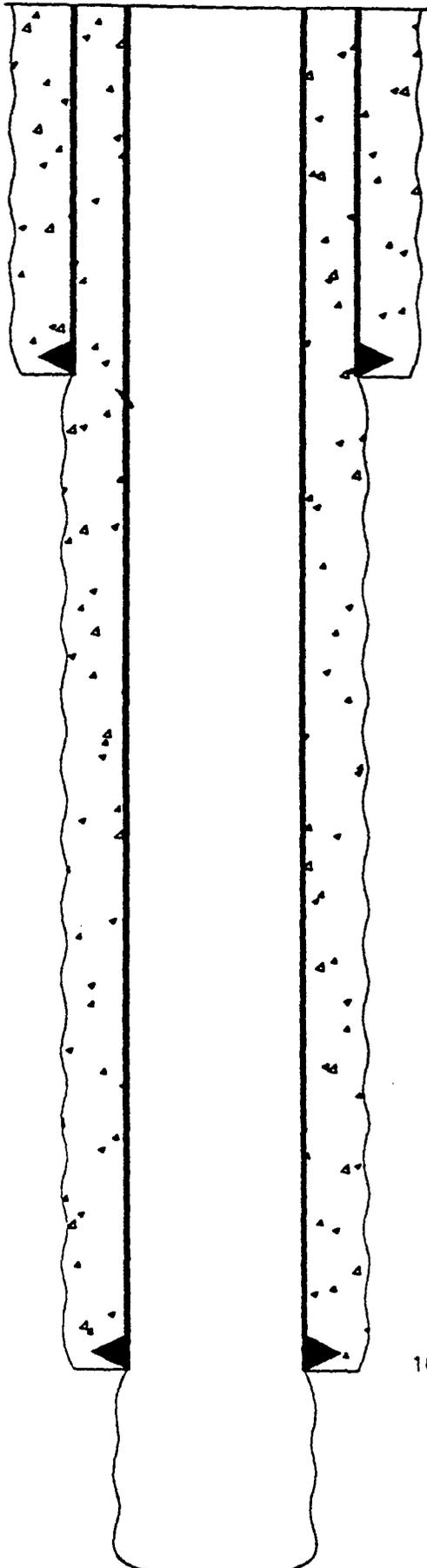
I hereby certify that the information above is true and complete to the best of my knowledge and belief. SIGNATURE Ben Fisher TITLE Field Supervisor DATE 08-12-99 TYPE OR PRINT NAME Ben Fisher TELEPHONE NO. 505-392-6591

(This space for State Use) APPROVED BY Gary W. Wink TITLE FIELD REPRESENTATIVE II DATE 8-27-99 CONDITIONS OF APPROVAL IF ANY:

CURRENT WELLBORE

8/9/99

Elev. = 3575' GR +12 KB



415' - 9 5/8" Casing. Cemented w/200 sxs. Circulated to Surface.

1650' - 7" , 24# Casing. Cemented w/350 Sxs. Circulated.

T.D. @ 2800'

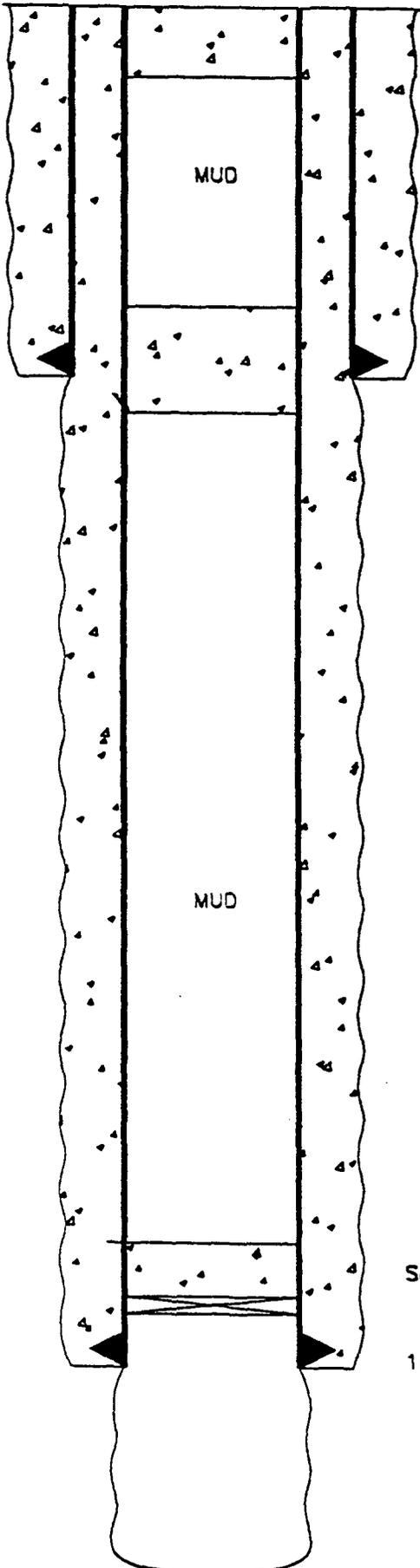
RECEIVED
OCT 27 1999
Environmental Bureau
Oil Conservation Division

CONOCO, INC.
Warren McKee Brine Well #3
330' FSL & 420' FWL
Sec. 2, T-20S, R-38E
Lea County, NM

PROPOSED PLUG AND ABANDONMENT

8/9/99

Elev. = 3575' GR +12 KB



SPOT 10 SXS CEMENT SURFACE PLUG

SPOT 25 SXS CEMENT 350'-500'

415' - 9 5/8" Casing. Cemented w/200 sxs. Circulated to Surface.

MUD

RECEIVED
OCT 27 1999
Environmental Bureau
Oil Conservation Division

SET A C.I.B.P. AT 1600' W/35' CEMENT ON TOP

1650' - 7" , 24# Casing. Cemented w/350 Sxs. Circulated.

T.D. @ 2800'

CONOCO, INC.
Warren McKee Brine Well #3
330' FSL & 420' FWL
Sec. 2, T-20S, R-38E
Lea County, NM

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

OIL CONSERVATION DIVISION
310 Old Santa Fe Trail, Room 206
Santa Fe, New Mexico 87503

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO.	30-025-32746
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	B-9652

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" (FORM C-101) FOR SUCH PROPOSALS.)			
1. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Brine Supply Well	Warren McKee Brine Well		
2. Name of Operator Conoco, Inc.	8. Well No. 4		
3. Address of Operator 10 Desta Dr., Ste. 100W, Midland, Tx 79705	9. Pool name or Wildcat BSW Salado (96173)		
4. Well Location Unit Letter <u>N</u> : <u>330</u> Feet From The <u>South</u> Line and <u>1980</u> Feet From The <u>West</u> Line Section <u>2</u> Township <u>20S</u> Range <u>38E</u> NMPM <u>Lea</u> County	10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3568' GR		

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input checked="" type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>		CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: _____ <input type="checkbox"/>		OTHER: _____ <input type="checkbox"/>	

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

- Set a C.I.B.P. at 1600' with 35' of cement on top.
- Circulate hole with gelled brine mud.
- Spot a 25 sack cement plug 350'-500'.
- Spot a 10 sack cement surface plug.
- Install dryhole marker and clear location.

RECEIVED
OCT 27 1999
Environmental Bureau
Oil Conservation Division

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Ben Fisher TITLE Field Supervisor DATE 08-12-99

TYPE OR PRINT NAME Ben Fisher TELEPHONE NO. (505) 392-6591

(This space for State Use)

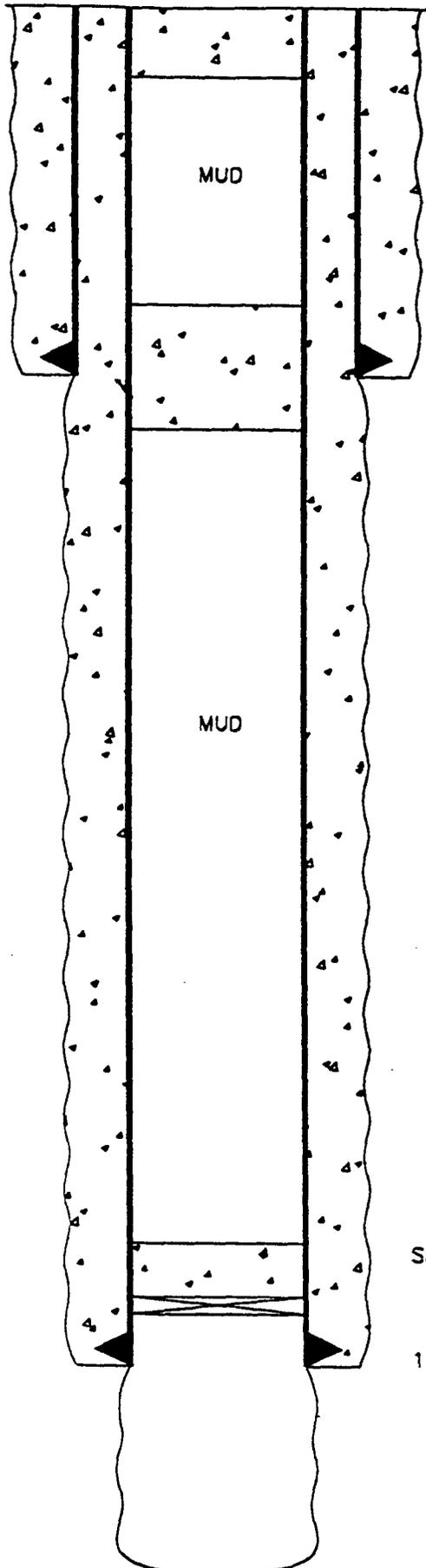
APPROVED BY Gary W. Wink TITLE FIELD REPRESENTATIVE II DATE 8-27-99

CONDITIONS OF APPROVAL IF ANY:

PROPOSED PLUG AND ABANDONMENT

8/9/99

Elev. = 3568' GR +12 KB



SPOT 10 SXS CEMENT SURFACE PLUG

SPOT 25 SXS CEMENT 350'-500'

415' - 9 5/8" Casing. Cemented w/200 sxs. Circulated to Surface.

MUD

MUD

RECEIVED

OCT 27 1999

Environmental Bureau
Oil Conservation Division

SET A C.I.B.P. AT 1600' W/35' CEMENT ON TOP

1645' - 7" , 24# Casing. Cemented w/350 Sxs. Circulated.

T.D. ● 2800'

CONOCO, INC.
Warren McKee Brine Well #4
330' FSL & 1980' FWL
Sec. 2, T-20S, R-38E
Lea County, NM



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

Fax: 1-915-686-5468

October 19, 1999

Mr. Neil Goates
Conoco, Inc.
10 Desta Drive, Suite 100w
Midland, Texas 79705-4500

Re: Mechanical Integrity Testing of Brine Supply Wells.

This is a reminder that New Mexico Oil Conservation Division (NMOCD) will be witnessing mechanical integrity test for all brine supply wells during the time period between October 25 through November 2, 1999. A schedule was sent to each operator on September 11, 1999.

NMOCD understands that Conoco, Inc. is planning on closing out the Discharge Plan and plugging the wells. Therefore, the scheduled test is hereby canceled.

If you require any further information or assistance please do not hesitate to write or call me at (505-827-7155) or notify Mr. Roger Anderson at (505-827-7152).

Sincerely Yours,

Wayne Price-Pet. Engr. Spec.
Environmental Bureau



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

September 11, 1999

CERTIFIED MAIL
RETURN RECEIPT NO. Z 357 870 150

Mr. Neil Goates
Conoco, Inc.
10 Desta Drive, Suite 100w
Midland, Texas 79705-4500

Re: Mechanical Integrity Testing of Brine Supply Wells

Dear Mr. Neil Goates:

The Underground Injection Control Program of the Federal Safe Drinking Water Act requires that operators demonstrate mechanical integrity of all injection wells by ensuring there are no leaks in the tubing, casing, or packer, and injected/produced fluids are confined within the piping and injection zones.

The Oil Conservation Division (OCD) requires operators of brine supply wells to perform the following mechanical integrity test:

1. At least once every five years isolate the cavern formation from the casing/tubing annuals and pressure test the casing at 300 psig for 30 minutes. New brine wells and wells being worked over will have to be tested in this manner before operations begin.
2. Annually perform an open hole cavern formation pressure test by pressuring up the formation one and one-half times the normal operating pressure (not to exceed formation fracture pressure) or 300 psig whichever is greater for four hours. Brine supply wells operating with packers will have to pressure both the cavern formation and casing/tubing annuals.

Please find enclosed an OCD Brine Well Test Schedule and Test Procedure for this Fall October 25, 1999 through November 2, 1999. Please have your well ready for testing on the date and time you are schedule. Operators will be responsible for providing equipment and shall bear all costs incurred. All test must be witnessed by the New Mexico Oil Conservation Division.

If you require any further information or assistance please do not hesitate to write or call me at (505-827-7155).

Sincerely Yours,

Wayne Price-Pet. Engr. Spec.
Environmental Bureau

cc: OCD District Offices
attachments- OCD Brine Well Test Schedule & Brine Well Testing Procedure Guidance Document



Brine Well Testing Procedure Guidance Document

- 1) The cavern and all piping must be filled, pressured up and stabilized for a period of at least 24 hours prior to testing. If this test requires a packer then casing/tubing annulus must be loaded with inert fluid 24 hours prior to testing.
- 2) Have manpower and equipment available for pressure test. Well head shall be prepared for test and all valves and gauges should be in good working order.
- 3) Pressure devices i.e pumps, truck pumps, etc. must be isolated from the well head before and during test.
- 4) A continuous recording pressure chart with an 8 hour clock shall be installed on the casing/tubing annulus. The pressure range shall not be greater than 1,000 psig. The operator must provide proof that the recording device has been calibrated within the past 6 months. **Note: Wells with packer installed: If this test requires both the casing/tubing annulus and cavern to be tested then two recording devices must be supplied or one recording device with two pins.**
- 5) A minimum of one pressure gage shall be installed in the system.
- 6) OCD must witness the beginning of test (putting chart on) and ending of test (removing chart). At the end of test operator shall bleed-off pressure by 10% to demonstrate recorder response.
- 7) The following information shall be place on the chart:
 1. Date, time test started, time stop.
 2. Company name, Discharge Plan #, well name and number, legal location UL, section, township, range and county.
 3. Type of Test; Open hole, Casing Test, or Both.
 4. Printed name and signature of company representative and OCD representative.

Note: NMOCD recognizes that different operations, well constructions and field conditions may cause variations in the above procedures. If operator wishes to make or anticipate changes please notify the OCD for approval.



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

September 3, 1999

CERTIFIED MAIL
RETURN RECEIPT NO. Z 357 870 122

Mr. Neil Goates
Conoco Inc.
10 Desta Drive, Suite 100w
Midland, Texas 79705-4500

**RE: Conoco Warren McKee Brine Station
Discharge Plan BW-001**

Dear Mr. Goates:

The groundwater discharge plan BW-001 for the Conoco Warren McKee Brine Station, located in the SW/4 NW/4 of Section 2, Township 20 South, Range 38 East, NMPM, Lea County, New Mexico expired on April 10, 1999. Conoco shall submit a Discharge Plan renewal application or closure plan for the facility by October 4, 1999.

If you require any further information or assistance please do not hesitate to write or call me at (505-827-7155).

Sincerely Yours,

Wayne Price-Pet. Engr. Spec.
Environmental Bureau

cc: OCD Hobbs Office



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

Jennifer A. Salisbury
CABINET SECRETARY

Oil Conservation Div.
Environmental Bureau
2040 S. Pacheco
Santa Fe, NM 87505

Memorandum of Meeting or Conversation

Telephone X
Personal

Time: 1 pm
Date: 8/20/99

Originating Party: Wayne Price-OCD

Other Parties: David Wacker 281-293-5450 fax 915-686-5780 3:55 PM

Subject: Conoco Warren McKey Brine St. BW-001.

Discussion:

Notified Mr. Wacker that Discharge Plan BW-001 expired on April 10, 1999.

Conclusions or Agreements:

Mr. Wacker will notify the Midland office and ensured compliance in the future.

Signed: Wayne Price

CC:

Price, Wayne

From: Price, Wayne
Sent: Thursday, August 19, 1999 4:38 PM
To: Williams, Chris
Subject: Conoco Warren McKee Brine wells

Dear Chris!

Conoco had four wells two are suppose to be P&A wells #1 #2
We were checking on the status in our well files and we have not received the C-103 subsequent reports.
Larwence called Donna P. and she said she was waiting on the field inspectors report! Could you have a field
inspector check the two wells that are P&A . Unit letter M&N sec 2-Ts20s-R38e.

Also their DP has expired for wells 3&4, same locations. Could you check and see if there is any activity!

Thanks!



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

November 24, 1997

Mr. Jerry Hoover
Conoco, Inc.
10 Desta Drive, Suite 100w
Midland, Texas 79705-4500

RE: Mechanical Integrity Testing of Brine Supply Wells

Dear Mr. Jerry Hoover:

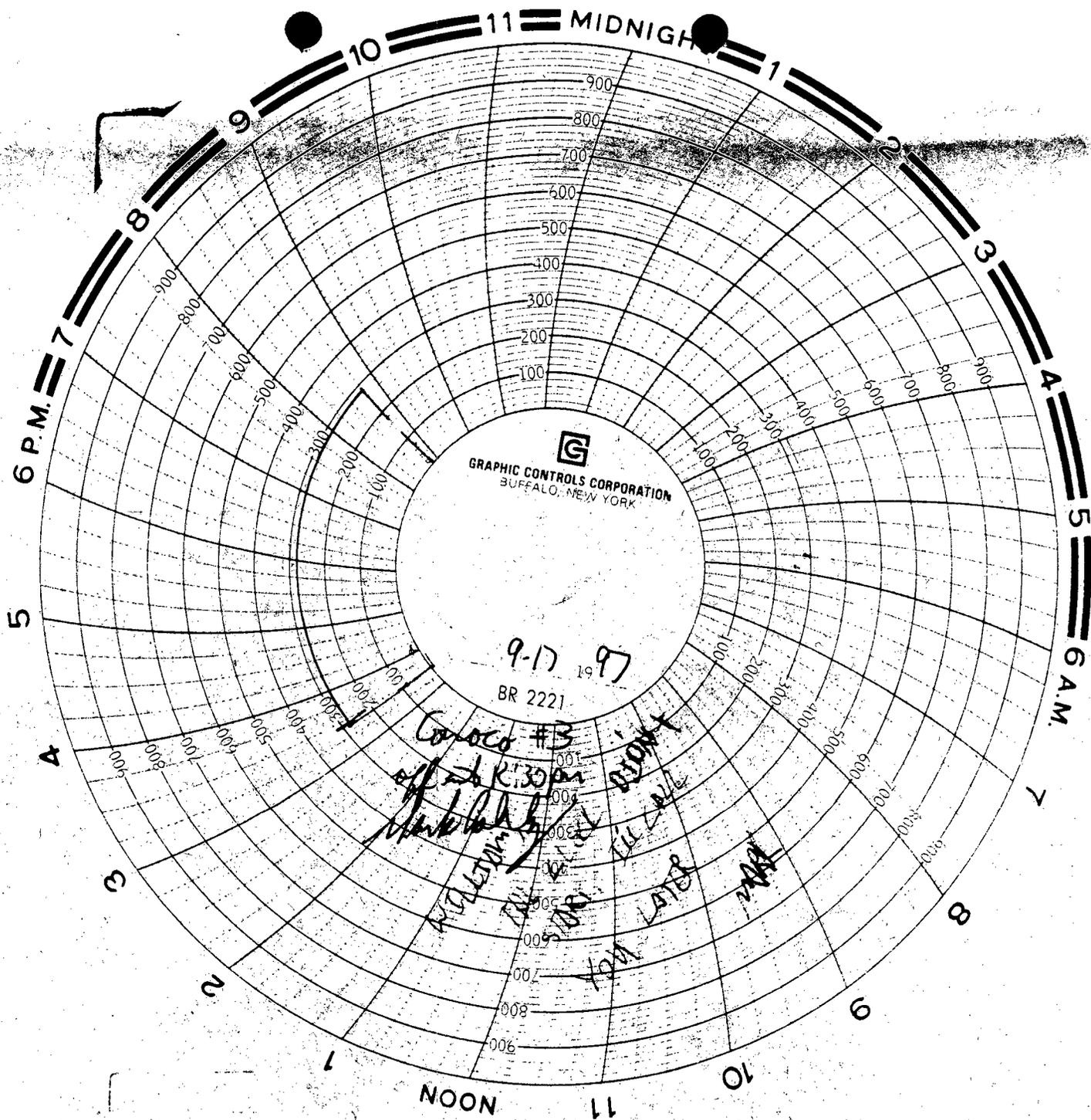
Enclosed is a copy of the mechanical integrity test conducted on your brine well. Please retain this copy for your records.

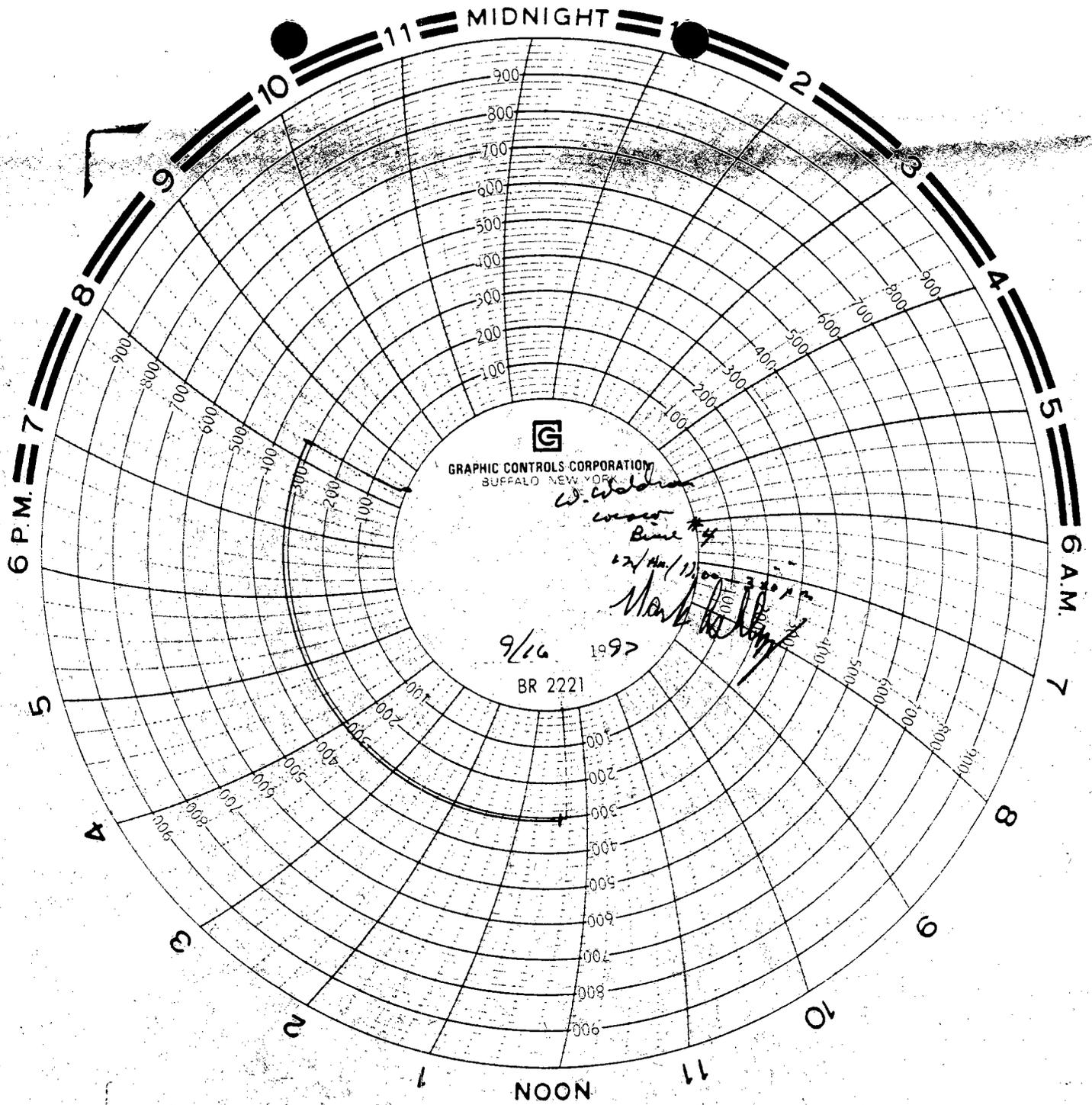
On behalf of the New Mexico Oil Conservation Division, I would like to thank you for your time and cooperation during the testing. If you have any questions, please contact me at (505) 827-7155.

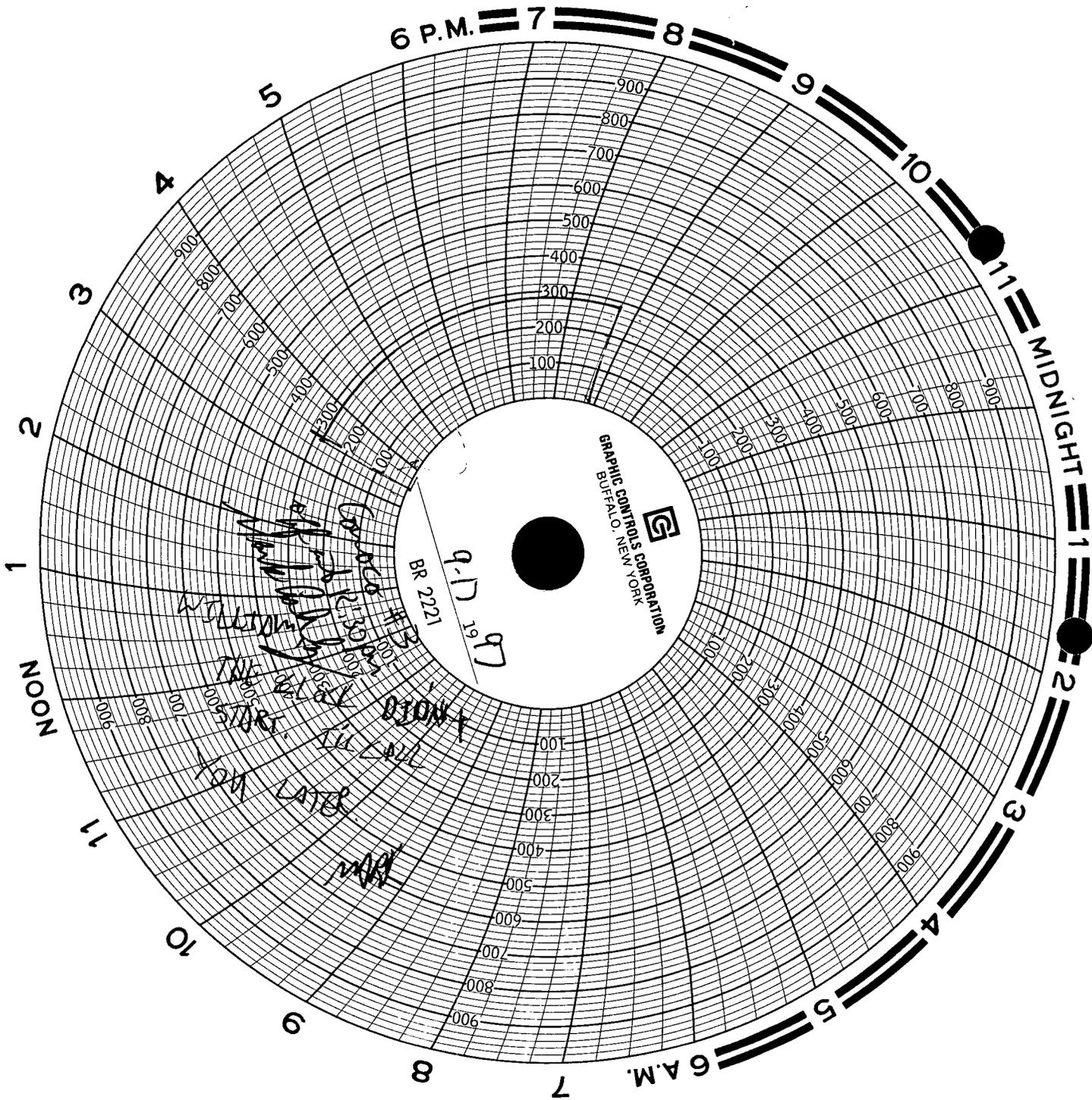
Sincerely,

Mark Ashley
Geologist

Attachment









**NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT**

OIL CONSERVATION DIVISION
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

August 12, 1997

Certified Mail

Return Receipt No. P-288-258-947

Mr. Jerry Hoover
Conoco Inc.
10 Desta Drive, Suite 100w
Midland, Texas 79705-4500

**RE: Mechanical Integrity Testing of Brine Supply Wells
Annual Test
Warren McKee Brine Station BW-001
Wells #3 and #4
Lea County, New Mexico**

Dear Mr. Hoover:

The Underground Injection Control Program of the Federal Safe Drinking Water Act requires that operators demonstrate mechanical integrity of all injection wells by ensuring that there are no leaks in the tubing, casing, or packer, and that the injected fluid is confined within the injection zone through proper cementing.

All brine wells that operate without a packer will be required to have an annual open hole pressure test equal to 1.5 times the normal operating pressure or 300 psi, whichever is greater, for four hours with a maximum of 10 percent bleed-off allowed. Every five years or at the time of discharge plan renewals they will be required to have an open hole pressure test equal to 1.5 times the normal operating pressure or 300 psi, whichever is greater, for four hours with zero bleed-off.

All brine wells that operate with a packer will be required to have an annual casing/tubing annulus pressure test equal to 300 psi for 30 minutes.

Operators will be responsible for providing equipment and shall bear all costs incurred. The date and time of all tests will be scheduled and witnessed by the New Mexico Oil Conservation Division.

Please your wells ready for testing on September 16, 1997 at 9:00 AM as outlined below.

For brine wells operating without a packer:

- 1) The cavern must be pressured up and stabilized for a period of at least 24 hours prior to testing.

Mr. Jerry Hoover

August 12, 1997

Page 2

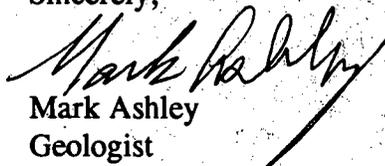
- 2) The system shall be tested to 1.5 times the normal operating pressure or 300 psi, whichever is greater, for a period of four hours. A maximum of 10 percent bleed-off will be allowed for annual tests. Testing conducted every five years or at the time of discharge plan renewal will have zero bleed-off.
- 3) A continuous recording pressure chart with an 8 hour clock shall be installed on the casing/tubing annulus. The pressure range shall not be greater than 1,000 psi.
- 4) Have well head prepared for test. All valves should be in good working order.
- 5) All gauges shall be in good working order.
- 6) Have manpower and equipment available for pressure test.

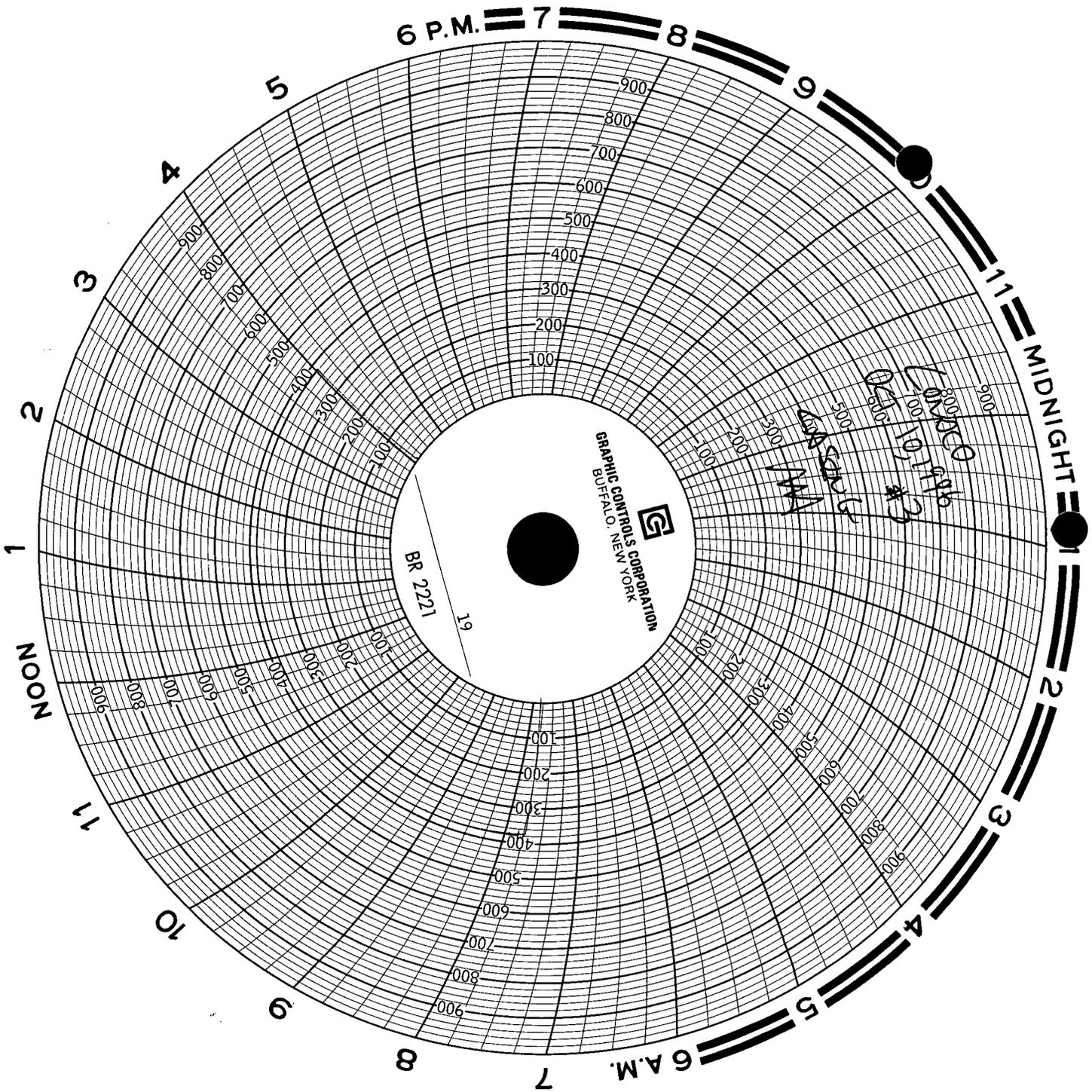
For brine wells operating with a packer:

- 1) Have the casing/tubing annulus and tubing loaded with inert fluid prior to testing.
- 2) The casing/tubing annulus shall be tested to 300 psi for 30 minutes.
- 3) A continuous recording pressure chart with an 8 hour clock shall be installed on the casing/tubing annulus. The pressure range shall not be greater than 1,000 psi.
- 4) Have well head prepared for test. All valves should be in good working order.
- 5) All gauges shall be in good working order.
- 6) Have manpower and equipment available for pressure test.

If you have any questions regarding this matter, please feel free to contact me at (505) 827-7155.

Sincerely,


Mark Ashley
Geologist





NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

October 3, 1996

Mr. Jerry Hoover
Conoco, Inc.
10 Desta Drive, Suite 100w
Midland, Texas 79705-4500

RE: Mechanical Integrity Testing of Brine Supply Wells

Dear Mr. Jerry Hoover:

Enclosed is a copy of the mechanical integrity test conducted on your brine well. Please retain this copy for your records.

On behalf of the New Mexico Oil Conservation Division, I would like to thank you for your time and cooperation during the testing. If you have any questions, please contact me at (505) 827-7155.

Sincerely,

A handwritten signature in cursive script, appearing to read "Mark Ashley".

Mark Ashley
Geologist

Attachment



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

August 16, 1996

Certified Mail

Return Receipt No. P-288-258-823

Mr. Jerry Hoover
Conoco Inc.
10 Desta Drive, Suite 100w
Midland, Texas 79705-4500

**RE: Mechanical Integrity Testing of Brine Supply Wells
Annual Test
Warren McKee Brine Station BW-001
Lea County, New Mexico**

Dear Mr. Hoover:

The Underground Injection Control Program of the Federal Safe Drinking Water Act requires that operators demonstrate mechanical integrity of all injection wells by ensuring that there are no leaks in the tubing, casing, or packer, and that the injected fluid is confined within the injection zone through proper cementing.

All brine wells that operate without a packer will be required to have an annual open hole pressure test equal to 1.5 times the normal operating pressure or 300 psig, whichever is greater, for four hours with a maximum of 10-percent bleed-off allowed. Every five years or at the time of discharge plan renewals they will be required to have an open hole pressure test equal to 1.5 times the normal operating pressure or 300 psig, whichever is greater, for four hours with zero bleed-off.

All brine wells that operate with a packer will be required to have an annual casing/tubing annulus pressure test equal to 1.5 times the normal operating pressure or 300 psig, whichever is greater, for four hours.

Operators will be responsible for providing equipment and shall bear all costs incurred. The date and time of all tests will be scheduled and witnessed by the New Mexico Oil Conservation Division.

Please have your wells ready for testing on September 17, 1996 at 9:00 AM as outlined below.

Mr. Jerry Hoover
August 16, 1996
Page 2

For brine wells operating without a packer:

- 1) The cavern must be pressured up and stabilized for a period of at least 24 hours prior to testing.
- 2) The system shall be tested to 1.5 times the normal operating pressure or 300 psig, whichever is greater, for a period of four hours. A maximum of 10 percent bleed-off will be allowed for annual tests. Testing conducted every five years or at the time of discharge plan renewal will have zero bleed-off.
- 3) A continuous recording pressure chart with an 8 hour clock shall be installed on both the casing/tubing annulus and tubing. The pressure range shall not be greater than 1,000 psig.
- 4) Have well head prepared for test. All valves should be in good working order. All casing/tubing annulus and tubing valves shall be open.
- 5) All gauges shall be in good working order.
- 6) Have manpower and equipment available for pressure test.

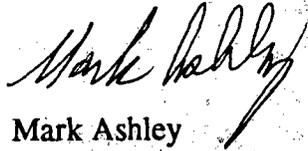
For brine wells operating with a packer:

- 1) Have the casing/tubing annulus and tubing loaded with inert fluid prior to testing.
- 2) The casing/tubing annulus shall be tested to 1.5 times the normal operating pressure or 300 psig, whichever is greater, for four hours.
- 3) A continuous recording pressure chart with an 8 hour clock shall be installed on the casing/tubing annulus. The pressure range shall not be greater than 1,000 psig.
- 4) Have well head prepared for test. All valves should be in good working order.
- 5) All gauges shall be in good working order.
- 6) Have manpower and equipment available for pressure test.

Mr. Jerry Hoover
August 16, 1996
Page 3

If you have any questions regarding this matter, please feel free to contact me at (505) 827-7155.

Sincerely,



Mark Ashley
Geologist

PS Form 3800, April 1995

P 288 258 823

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail (See reverse)

Sent to	
Street & Number	
Post Office, State, & ZIP Code	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

NOTICE OF PUBLICATION

**STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION**

Notice is hereby given that pursuant to the New Mexico Water Quality Control Commission Regulations, the following discharge plan modification application have been submitted to the Director of the Oil Conservation Division, State Land Office Building, P.O. Box 2088, Santa Fe, New Mexico 87504-2088, Telephone (505) 827-5800:

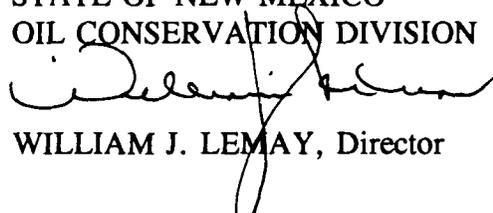
(BW-001) - Conoco Inc., Jerry Hoover, Senior Conservation Coordinator, 10 Desta Drive West, Midland, Texas, 79705-4514 has submitted a discharge plan modification application for its Warren McKee Brine Station extraction operations, located in the S/2 SW/4 Section 2, Township 20 South, Range 38 East, NMPM, Lea County, New Mexico. The proposed modification is (a) the Warren McKee brine wells No.s 1 and 2 will be plugged and abandoned and (b) two new brine extraction wells, Warren McKee brine wells No. 3 and 4, will be drilled and completed to provide brine water for Conoco's Warren McKee and Warren Unit Blinebry-Tubb waterflood operations. Groundwater most likely to be affected by any accidental discharge to the surface is at a depth of 70 to 145 feet with a total dissolved solids concentration of 1150 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan modification application may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday thru Friday. Prior to ruling on any proposed discharge plan or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and public hearing may be requested by any interested person. Request for public hearing shall set forth the reasons why a hearing shall be held. A hearing will be held if the director determines that there is significant public interest.

If no hearing is held, the Director will approve or disapprove the plan based on the information available. If a public hearing is held, the Director will approve the plan based on the information in the plan and information presented at the hearing.

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 18th day of October, 1994.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION


WILLIAM J. LEMAY, Director

SEAL

NOTICE OF PUBLICATION
 STATE OF NEW MEXICO
 ENERGY, MINERALS
 AND NATURAL
 RESOURCES DEPARTMENT
 OIL CONSERVATION DIVISION
 Notice is hereby given that pursuant
 to the New Mexico Water Quality
 Control Commission Regulations, the
 following discharge plan modification
 application have been submitted to
 the Director of the Oil Conservation
 Division, State Land Office Building,
 P.O. Box 2088, Santa Fe, New
 Mexico 87504-2088, Telephone (505)
 827-5800:

(BW-001) - Conoco, Inc.,
 Jerry Hoover, Senior Con-
 servation Coordinator, 10
 Delta Drive West, Midland,
 Texas, 79705-4514 has sub-
 mitted a discharge plan
 modification application for
 its Warren McKee Brine Sta-
 tion extraction operations,
 located in the S/2 SW/4 Sec-
 tion 2, Township 20 South,
 Range 38 East, NMPM, Lea
 County, New Mexico. The
 proposed modification is (a)
 the Warren McKee brine
 wells No. 1 and 2 will be
 plugged and abandoned and
 (b) two new brine extraction
 wells, Warren McKee brine
 wells No. 3 and 4, will be
 drilled and completed to
 provide brine water for Con-
 oco's Warren McKee and
 Warren Unit Blinsby-Tubb
 waterflood operations.
 Groundwater most likely to
 be affected by any
 accidental discharge to the
 surface is at a depth of 70 to
 145 feet with a total dis-
 solved solids concentration
 of 1150 mg/l. The discharge
 plan addresses how spills,
 leaks, and other accidental
 discharges to the surface
 will be managed.

Any interested person may obtain
 further information from the Oil Con-
 servation Division and may submit
 written comments to the Director of
 the Oil Conservation Division at the
 address given above. The discharge
 plan modification application may be
 viewed at the above address between
 8:00 a.m. and 4:00 p.m., Monday thru
 Friday. Prior to ruling on any pro-
 posed discharge plan or its modifica-
 tion, the Director of the Oil Conserva-
 tion Division shall allow at least thirty
 (30) days after the date of publication
 of this notice during which comments
 may be submitted to him and public
 hearing may be requested by any
 interested person. Request for public
 hearing shall set forth the reasons
 why a hearing shall be held. A hearing
 will be held if the director determines
 that there is significant public interest.
 If no hearing is held, the Director will
 approve or disapprove the plan based
 on the information available. If a
 public hearing is held, the Director will
 approve the plan based on the
 information in the plan and informa-
 tion presented at the hearing.
 GIVEN under the Seal of New Mexico
 Oil Conservation Commission at
 Santa Fe, New Mexico, on this 18th
 day of October, 1994.

STATE OF NEW MEXICO
 OIL CONSERVATION COMMISS-
 SION

William J. Lemay, Director
 Journal: October 28, 1994.

STATE OF NEW MEXICO
 County of Bernalillo

SS

Bill Tafoya being duly sworn declares and says that he is Classified
 Advertising manager of The Albuquerque Journal, and that this newspaper is
 duly qualified to publish legal notices or advertisements within the meaning of
 Section 3, Chapter 167, Session Laws of 1937, and that payment therefore has
 been made or assessed as court costs; that the notice, copy of which is hereto
 attached, was published in said paper in the regular daily edition,
 for 1 times, the first publication being on the 28 day
 of Oct., 1994, and the subsequent consecutive publications
 on _____, 1994

Bill Tafoya

Sworn and subscribed to before me, a notary Public in
 and for the County of Bernalillo and State of New
 Mexico, this 28 day of Oct. 1994.

PRICE \$ 34.28

Statement to come at end of month.



CLA-22-A (R-1/93) ACCOUNT NUMBER C80932

Affidavit of Publication

STATE OF NEW MEXICO)
) ss.
COUNTY OF LEA)

Joyce Clemens being first duly sworn on oath deposes and says that he is Adv. Director of THE LOVINGTON DAILY LEADER, a daily newspaper of general paid circulation published in the English language at Lovington, Lea County, New Mexico; that said newspaper has been so published in such county continuously and uninterruptedly for a period in excess of Twenty-six (26) consecutive weeks next prior to the first publication of the notice hereto attached as hereinafter shown; and that said newspaper is in all things duly qualified to publish legal notices within the meaning of Chapter 167 of the 1937 Session Laws of the State of New Mexico.

That the notice which is hereto attached, entitled
Notice Of Publication

~~and number~~ in the

~~of the~~ County of Lea

~~County of New Mexico~~ was published in a regular and entire issue of THE LOVINGTON DAILY LEADER and not in any supplement thereof, ~~once each week on the~~

~~same day of the week~~, for one (1) day

~~consecutive weeks~~ beginning with the issue of

October 26, 19 94

and ending with the issue of

October 26, 19 94

And that the cost of publishing said notice is the sum of \$ 36.36

which sum has been (Paid) (Assessed) as Court Costs

Joyce Clemens

Subscribed and sworn to before me this 26th

day of October, 19 94

Jean Serier
Notary Public, Lea County, New Mexico

My Commission Expires Sept. 28, 19 98

LEGAL NOTICE NOTICE OF PUBLICATION STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION

Notice is hereby given that pursuant to the New Mexico Water Quality Control Commission Regulations, the following discharge plan modification application have been submitted to the director of the Oil Conservation Division, State Land Office Building, P.O. Box 2088, Santa Fe, New Mexico 87504-2088, Telephone (505) 827-5800:

(BW-001) - Conoco Inc., Jerry Hoover, Senior Conservation Coordinator, 10 Desta Drive West, Midland, Texas, 79705-4514 has submitted a discharge plan modification application for its Warren McKee Brine Station extraction operations, located in the S/2 SW/4 Section 2, Township 20 South, Range 38 East, NMPM, Lea County, New Mexico. The proposed modification is (a) the Warren McKee brine wells No.s 1 and

2 will be plugged and abandoned and (b) two new brine extraction wells, Warren McKee brine wells No. 3 and 4, will be drilled and completed to provide brine water for Conoco's Warren McKee and Warren Unit Blinbry-Tubb waterflood operations. Groundwater most likely to be affected by any accidental discharge to the surface is at a depth of 70 to 145 feet with a total dissolved solids concentration of 1150 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan modification application may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday thru Friday. Prior to ruling on any proposed discharge plan or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and public hearing may be requested by any interested person. Request for public hearing shall set forth the reasons why a hearing shall be held. A Hearing will be held if the director determines that there is significant public interest.

If no hearing is held, the Director will approve or disapprove the plan based on the information available. If a public hearing is held, the Director will approve the plan based on the information in the plan and information presented at the hearing.

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 18th day of October, 1994.

STATE OF NEW MEXICO
OIL CONSERVATION
DIVISION
WILLIAM J. LEMAY,
Director

Published in the Lovington
Daily Leader October 26, 1994.

ACKNOWLEDGEMENT OF RECEIPT
OF CHECK/CASH

I hereby acknowledge receipt of check No. [redacted] dated 6-14-94,
or cash received on 6-23-94 in the amount of \$ 690⁰⁰
from Conoco, Inc
for Warren McKee Brine Station (BW-001)

Submitted by: _____ Date: _____
(Facility Name) (CP No.)

Submitted to ASD by: CHRIS EUSTICE Date: 6-23-94

Received in ASD by: Charles Martin Date: 6-23-94

Filing Fee _____ New Facility _____ Renewal
Modification _____ Other _____
(Specify)

Organization Code 521.07 Applicable FY 94

To be deposited in the Water Quality Management Fund.

Full Payment or Annual Increment _____

CONOCO, INC.
SHERRI L WILLIAMS
WORKING FUND
10 DESTA DR., SUITE 100W
MIDLAND, TEXAS 79705

6/14 19 94 88-1046
1163

PAY TO THE ORDER OF NMED - Water Quality Management \$ 690.00
Six hundred ninety & no/100 DOLLARS

<u>Renewal fee</u>				

Sherril Williams NP

THIS CHECK IS DELIVERED FOR PAYMENT ON THE ACCOUNTS LISTED

TEXAS NATIONAL BANK
OF MIDLAND
POST OFFICE BOX 3050, MIDLAND, TEXAS 79702



OIL CONSERVATION DIVISION

Midland Division
Exploration Production

RECEIVED

Conoco Inc.
10 Desta Drive, Suite 100W
Midland, TX 79705-4500
(915) 686-5400

'94 JUN 17 AM 8 50

June 9, 1994

Mr. William J. LeMay
Oil Conservation Division
P. O. Box 2088
Santa Fe, NM 87501

**RE: Renewal Fee for Conoco's
Discharge Plan BW-001
Warren McKee Brine Station
Lea County, New Mexico**

Dear Mr. LeMay:

Enclosed is a check in the amount of \$690.00 in payment for the renewal of Conoco's Discharge Plan BW-001 for the Warren McKee Brine Station in Lea County, New Mexico. With it's submittal it is understood that this renewal approval and discharge plan fee is valid for five years through April 10, 1999.

Very truly yours,

Jerry W. Hoover
Sr. Conservation Coordinator



STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION



BRUCE KING
GOVERNOR

ANITA LOCKWOOD
CABINET SECRETARY

June 6, 1994

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87504
(505) 827-5800

CERTIFIED MAIL
RETURN RECEIPT NO. P 111 334 320

Mr. Jerry W. Hoover
Conoco Inc.
10 Desta Drive, Suite 100W
Midland, TX 79705

**Re: Discharge Plan BW-001
Warren McKee Brine Station
Lea County, New Mexico**

Dear Mr. Prather,

The groundwater discharge plan renewal, BW-001, for the Conoco Warren McKee Brine Station, located in the SW/4 SW/4 NW/4 of Section 2, Township 20 South, Range 38 East, NMPM, Lea County, New Mexico, **is hereby approved** under the conditions contained in the enclosed attachment. The discharge plan consists of the renewal application dated March 21, 1994, which includes by reference the information contained within the original discharge plan application.

The discharge plan was submitted pursuant to section 3-106 of the Water Quality Control Commission Regulations. It is approved pursuant to section 3-109.A. Please note Section 3-109.F., which provides for possible future amendment of the plan. Please be advised that approval of this plan does not relieve you of your liability should your operation result in actual pollution of surface or ground waters or the environment which may be actionable under other laws and/or regulations.

Please be advised that all exposed pits, including lined pits and open top tanks (exceeding 16 feet in diameter) shall be screened, netted, or otherwise rendered nonhazardous to wildlife including migratory birds.

Please note that Section 3-104 of the regulations requires that "when a plan has been approved, discharges must be consistent with the terms and conditions of the plan." Pursuant to Section 3-107.C. you are required to notify the Director of any facility

Mr. Jerry Hoover
May 31, 1994
Page 2

expansion, production increase, or process modification that would result in any change in the discharge of water quality or volume.

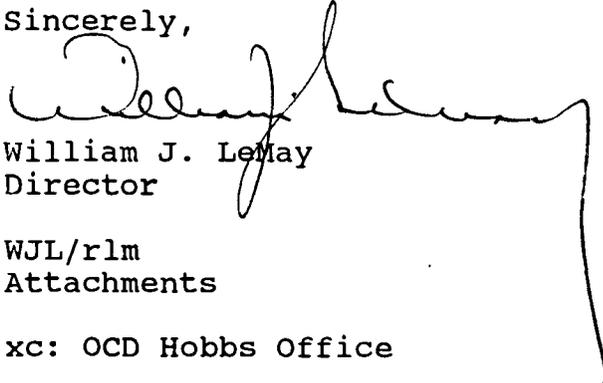
Pursuant to Section 3-109.G.4., this approval is for a period of five years. This approval will expire April 10, 1999, and an application for renewal should be submitted in ample time before that date.

The discharge plan application for the Conoco Warren McKee Brine Station is subject to the WQCC Regulation 3-114 discharge plan fee. Every billable facility submitting a discharge plan will be assessed a fee equal to the filing fee of fifty (50) dollars plus the flat rate of seven hundred ninety dollars (\$790.00) for brine station discharge plan renewal. The fifty (50) dollar filing fee was received by the OCD on March 29, 1994. The seven hundred ninety dollar (\$790.00) flat fee has not been received by the Oil Conservation Division, and shall be submitted on receipt of this approval. The required flat fee may be paid in a single payment or in five equal installments over the expected duration of the discharge plan. Installment payments shall be remitted yearly, with the first installment due on the date of the discharge plan approval and subsequent letters due on this date of each calendar year.

Please make all checks payable to: **NMED-Water Quality Management** and addressed to the OCD Santa Fe Office.

On behalf of the staff of the Oil Conservation Division, I wish to thank you and your staff for your cooperation during this discharge plan review.

Sincerely,



William J. Lemay
Director

WJL/rlm
Attachments

xc: OCD Hobbs Office

ATTACHMENT TO THE DISCHARGE PLAN BW-001 APPROVAL
CONOCO INC.
WARREN MCKEE BRINE STATION
DISCHARGE PLAN REQUIREMENTS
(June 6, 1994)

1. The seven hundred ninety dollar (\$790.00) flat fee shall be submitted on receipt of this approval. The required flat fee may be paid in a single payment or in equal installments over the expected duration of the discharge plan. Installment payments shall be remitted yearly, with the first installment due upon receipt of this approval and subsequent letters due on this date of each calendar year.
2. Production Method: Fresh water shall be injected down the annulus and brine shall be recovered up the tubing. Reverse flow will be allowed once a month for up to 24 hours for clean out.
3. Production/Injection Volumes: The volumes of fluids injected (fresh water) and produced (brine) will be recorded monthly and submitted to the OCD Santa Fe Office quarterly.
4. Mechanical Integrity Testing: A mechanical integrity test shall be conducted on the well prior to renewal of this discharge plan on April 10, 1999. A pressure equal to one and one-half of the normal operating pressure will be maintained for four hours. The OCD will be notified at least 72 hours prior to the test so that they may witness the test.
5. Brine Transfer Lines: All below-grade brine transfer lines will be tested for integrity once every five years. A proposed method and schedule shall be submitted to the OCD by July 1, 1994.
6. Maximum Injection Pressure: The maximum operating injection pressure at the well head will be such that the fracture pressure of the injection formation (Salado) will not be exceeded.
7. Cavity Configuration: A test will be conducted to determine the size and configuration of the mined cavity prior to discharge plan renewal (April 10, 1999). The method and time of testing will be approved by the OCD prior to performing the test.
8. Sump Construction: All new or rebuilt sumps and below-grade tanks will be approved by the OCD prior to installation and will incorporate secondary synthetic containment and leak detection in their designs.

Mr. Jerry Hoover
 May 31, 1994
 Page 4

9. Tank Berming: All tanks that contain materials other than fresh water will be bermed to contain one and one-third times the capacity of the tank.
10. Drum Storage: All chemical and lubrication drums shall be stored on pad and curb type containment.
11. Spill Containment: All brine storage and transfer will be managed in such a manner to keep brine off of the ground surface. Any brine spilled onto the ground surface will be cleaned up upon discovery.
12. Spill Reporting: All spills and/or leaks shall be reported to the OCD Hobbs District office pursuant to WQCC Rule 1-203 and OCD Rule 116.
13. Well Workover Operations: OCD approval will be obtained prior to performing remedial work or any other workover. Approval will be requested at the OCD Hobbs District office on OCD Form C-103 "Sundry Notices and Reports on Wells" (OCD Rule 1103-A).
14. Closure: The OCD will be notified when operations of the facility is discontinued for a period in excess of six months. Prior to closure of the facility a closure plan will be submitted for OCD approval. Closure and waste disposal will be in accordance with the statutes, rules and regulations in effect at the time of closure.

PS Form 3800, June 1991

Postmark or Date	
TOTAL Postage & Fees	\$
Return Receipt Showing Date, and Addressee's Address	
Return Receipt Showing to Whom, & Date Delivered	
Restricted Delivery Fee	
Special Delivery Fee	
Certified Fee	\$
Postage	
P.O., State and Zip Code	Midland TX 79705
Street and No.	10 Dosta Dr. Ste 100W
Send to	Hoover, Genoco


 UNITED STATES POSTAL SERVICE
Receipt for Certified Mail
 No Insurance Coverage Provided
 Do not use for International Mail
 (See Reverse)
 P 111 334 320



OIL CONSERVATION DIVISION
RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
FISH AND WILDLIFE SERVICE
Ecological Services
Suite D, 3530 Pan American Highway, NE
Albuquerque, New Mexico 87107

'94 MAY 9 AM 8 50

May 5, 1994

William J. Lemay, Director
New Mexico Water Quality Control Commission
Oil Conservation Division
State Land Office Building
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Dear Mr. Lemay:

This responds to your agency's public notice dated April 19, 1994, regarding the State of New Mexico's proposal to approve discharge plan applications for the applicant listed below.

(BW-01) - Conoco Inc., Jerry Hoover, Sr. Conservation Coordinator, 10 Desta Drive West, Midland, Texas, 79705-4514, has submitted an application for the renewal of a discharge plan for the Warren McKee Brine Station, located in Section 2, Township 20 South, Range 38 East, NMPM, Lea County, New Mexico. Approximately 9,000 barrels per day of reclaimed sewage effluent is mixed into a brine water with a solution of 1.3 gravity and piped to waterflood injection facilities. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth from 70 to 145 feet with a total dissolved solids concentration of 1150 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

The U.S. Fish and Wildlife Service (Service) has reviewed the public notice and has no objection to the Oil Conservation Division granting approval for the discharge plan application outlined above.

Thank you for the opportunity to review and comment on this discharge plan application. If you have any questions, please contact Mark Wilson at (505) 883-7877.

Sincerely,

R. Mark Wilson

For/ Jennifer Fowler-Propst
State Supervisor

cc:
Director, New Mexico Department of Game and Fish, Santa Fe, New Mexico

**NOTICE OF PUBLICATION
STATE OF NEW MEXICO ENERGY,
MINERALS AND NATURAL
RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION**

Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations, the following discharge plan renewal application has been submitted to the Director of the Oil Conservation Division, State Land Office Building, P.O. Box 2088, Santa Fe, New Mexico 87504-2088, Telephone (505) 827-5800:

(BW-01) - Conoco Inc., Jerry Hoover, Sr. Conservation Coordinator, 10 Desta Drive West, Midland, Texas, 79705-4614, has submitted an application for the renewal of a discharge plan for the Warren McKee Brine Station, located in Section 2, Township 20 South, Range 38 East, NMPM, Lea County, New Mexico. Approximately 9,000 barrels per day of reclaimed sewage effluent is mixed into a brine water with a solution of 1.3 gravity and piped to waterflood injection facilities. Groundwater most likely to be effected by a spill, leak, or accidental discharge to the surface is at a depth from 70 to 145 feet with a total dissolved solids concentration of 1150 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan application may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday. Prior to ruling on any proposed discharge plan or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and public hearing may be requested by any interested person. Requests for public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines there is significant public interest.

If no public hearing is held, the Director will approve or disapprove the proposed plan based on information available. If a public hearing is held, the director will approve or disapprove the proposed plan based on information in the plan and information submitted at the hearing.

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 19th day of April, 1994.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION
/s/ WILLIAM J. LEMAY, Director
Journal: April 28, 1994

STATE OF NEW MEXICO

County of Bernalillo

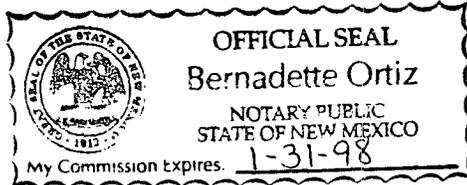
ss

Bill Tafoya being duly sworn declares and says that he is Classified Advertising Manager of The Albuquerque Journal, and that this newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Session Laws of 1937, and that payment therefore has been made or assessed as court costs; that the notice, copy of which is hereto attached, was published in said paper in the regular daily edition, for 1 times, the first publication being on the 28th day of April, 1994 and the subsequent consecutive publications on _____, 1994

Bill Tafoya
Sworn and subscribed to before me, a Notary Public in and for the County of Bernalillo and State of New Mexico, this 28th day of April 1994.

PRICE \$29.71

Statement to come at end of month.



CLA-22-A (R-1/93) ACCOUNT NUMBER C81184

Affidavit of Publication

STATE OF NEW MEXICO)
) ss.
COUNTY OF LEA)

Joyce Clemens being first duly sworn on oath deposes and says that he is Adv Director of THE LOVINGTON DAILY LEADER, a daily newspaper of general paid circulation published in the English language at Lovington, Lea County, New Mexico; that said newspaper has been so published in such county continuously and uninterruptedly for a period in excess of Twenty-six (26) consecutive weeks next prior to the first publication of the notice hereto attached as hereinafter shown; and that said newspaper is in all things duly qualified to publish legal notices within the meaning of Chapter 167 of the 1937 Session Laws of the State of New Mexico.

That the notice which is hereto attached, entitled

Notice of Publication

and numbered in the Court of Lea County, New Mexico, was published in a regular and entire issue of THE LOVINGTON DAILY LEADER and not in any supplement thereof, once each week on the same day of the week, for one (1)

consecutive weeks, beginning with the issue of

April 12, 1994

and ending with the issue of 19.....

And that the cost of publishing said notice is the sum of \$ 74.88

which sum has been (Paid) ~~Assessed~~ as Court Costs

Joyce Clemens
Subscribed and sworn to before me this 27th

day of April, 1994

Mrs. Jean Serier
Notary Public, Lea County, New Mexico

My Commission Expires Sept. 28, 1994

LEGAL NOTICE NOTICE OF PUBLICATION STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations, the following discharge plan applications have been submitted to the Director of the Oil Conservation Division, State Land Office Building, P.O. Box 2088, Santa Fe, New Mexico 87504-2088, Telephone (505)827-5800:

(BW-01) - Conoco, Inc., Jerry W. Hoover, 10 Desta Drive, Suite 100W, Midland, Texas, 79705, has submitted a renewal application for the previously approved discharge plan for their Insitu extraction brine well facility located in the SW/4 NW/4, Section 2, Township 20 South, Range 38 East, NMPM, Lea County, New Mexico. Fresh water produced from two water supply wells is injected down two brine wells to an approximate depth of 1650 feet and brine is extracted and piped to injection facilities for use in Conoco Waterfloods. The brine has an approximate total dissolved solids (TDS) concentration of approximately 300,000 mg/1. Groundwater most likely to be affected by an accidental discharge is at a depth of 70 to 145 feet with a TDS of 1150 mg/1. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-164) Electric Submersible Pumps, Inc., Steve Denson, Manager, 8426 N. Dal Paso, P.O. Box 596, Hobbs, New Mexico, 88241, has submitted a discharge plan application for their Hobbs Service Facility located in the NW/4 NW/4, Section 35, Township 17 South, Range 38 East, NMPM, Lea County, New Mexico. Approximately 150 gallons per day of waste water is collected in a sump, pumped to an above ground closed top tank and disposed of offsite at an OCD approved disposal facility. Groundwater most likely to be affected by an accidental discharge is at a depth of approximately 50 feet with a total dissolved solids concentration of approximately 420 mg/1. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-158) - Pioneer Contracting Company, Inc., Frank Santoro, 5970 U.S. Highway 64, Farmington, New Mexico 87401, has submitted a discharge plan application for their Farmington Service Facility located in the NE/4 NE/4, Section 26, Township 29 North, Range 12 West, NMPM, San Juan County, New Mexico. Approximately 100 gallons per day of waste water is collected in a closed top fiberglass tank and recycled as drilling fluid. Groundwater most likely to be affected by an accidental discharge is at a depth of less than 20 feet with a total dissolved solids concentration of approximately 600 mg/1. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

(GW-001) - Bloomfield Refining Company, Chris Hawley, Environmental Manager, P.O. Box 159, Bloomfield, New Mexico 87413, has submitted an application for the renewal of a discharge plan for the Bloomfield Refinery located in the NW/4 NE/4 and the S/2 NE/4 and the N/2 NE/4 SE/4 of Section 27, and the S/2 NW/4 and the N/2 NW/4 SW/4 and the SE/4 NW/4 SW/4 and the NE/4 SW/4 of Section 26, Township 29 North, Range 11 West, NMPM, San Juan County, New Mexico. Approximately 115,200 gallons per day of process waste water with a total dissolved solids concentration of approximately 13,600 mg/1 is disposed of in a UIC-permitted non-hazardous Class I disposal well. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth from 10 to 50 feet with a total dissolved solids concentration of approximately 4400 mg/1. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed, as well as disposal of waste oil and solid wastes.

address given above. The discharge plan application may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday. Prior to ruling on any proposed discharge plan or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and public hearing may be requested by any interested person. Requests for public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines there is significant public interest.

If no public hearing is held, the Director will approve or disapprove the proposed plan based on information available. If a public hearing is held, the director will approve or disapprove the proposed plan based on information in the plan and information submitted at the hearing.

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 5th day of April, 1994.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION
WILLIAM J. LEMAY, Director

(SEAL)

Published in the Lovington Daily Leader April 12, 1994.

NOTICE OF PUBLICATION

**STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION**

Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations, the following discharge plan renewal application has been submitted to the Director of the Oil Conservation Division, State Land Office Building, P.O. Box 2088, Santa Fe, New Mexico 87504-2088, Telephone (505) 827-5800:

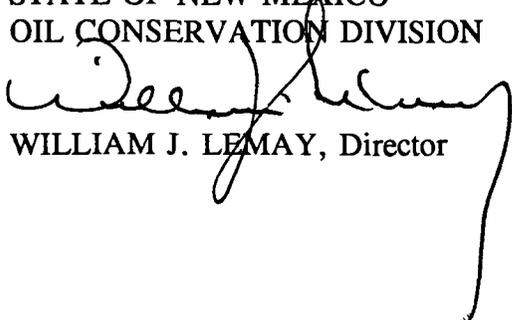
(BW-01) - Conoco Inc., Jerry Hoover, Sr. Conservation Coordinator, 10 Desta Drive West, Midland, Texas, 79705-4514, has submitted an application for the renewal of a discharge plan for the Warren McKee Brine Station, located in Section 2, Township 20 South, Range 38 East, NMPM, Lea County, New Mexico. Approximately 9,000 barrels per day of reclaimed sewage effluent is mixed into a brine water with a solution of 1.3 gravity and piped to waterflood injection facilities. Groundwater most likely to be affected by a spill, leak, or accidental discharge to the surface is at a depth from 70 to 145 feet with a total dissolved solids concentration of 1150 mg/l. The discharge plan addresses how spills, leaks, and other accidental discharges to the surface will be managed.

Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan application may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Friday. Prior to ruling on any proposed discharge plan or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and public hearing may be requested by any interested person. Requests for public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines there is significant public interest.

If no public hearing is held, the Director will approve or disapprove the proposed plan based on information available. If a public hearing is held, the director will approve or disapprove the proposed plan based on information in the plan and information submitted at the hearing.

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 19th day of April, 1994.

S E A L

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

WILLIAM J. LEMAY, Director



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE

OIL CONSERVATION DIVISION
RECEIVED
'94 APR 25 AM 8 50

BRUCE KING
GOVERNOR

POST OFFICE BOX 1980
HOBBS, NEW MEXICO 88241-1980
(505) 393-6161

NMOCD Inter-Correspondence

To: Roger Anderson-Environmental Bureau Chief

From: Wayne Price-Environmental Engineer District I

Date: April 25, 1994

Reference: Request from Bobby Myers to inspect the Conoco brine wells.

Subject: Discharge plan renewal BW-01

Comments: Please find attached info for recent inspections performed by Conoco and witnessed by Wayne Price. These locations look good. I recommend that the underground brine line be pressure tested.

As of today I have not received the C-103's and pressure charts from Conoco. These are coming from Mr. Bill Keathy out of their Midland Texas office; (915-686-5400). Feel free to call him and ask for the results.

Let me know if I can be of any further assistance.

cc: Jerry Sexton-District I Supervisor
Attachments-1





Midland Division
Exploration Production

OIL CONSERVATION DIVISION
RECEIVED

Conoco Inc.
10 Desta Drive, Suite 100W
Midland, TX 79705-4500
(915) 686-5400

'94 APR 11 AM 8 49

April 8, 1994

Kathy Brown
Environmental Bureau Office
Oil Conservation Division
P.O. Box 2088
Santa Fe, NM 87504

**RE: Discharge Plan BW-01 Renewal
Conoco Warren McKee Brine Station
Lea County, New Mexico**

Dear Kathy:

As promised in our recent renewal application of this discharge plan, current mechanical integrity tests are enclosed for the two brine extraction wells at Conoco's Warren McKee Brine Station. Since I have not received any further contact from you concerning our application, I assume that everything is in order.

If you have further questions please call me at (915) 686-6548.
Thank you.

Very truly yours,

Jerry W. Hoover
Sr. Conservation Coordinator



Interoffice Communication

To: Jerry Hoover
 From: D. Sharp
 Date: 4/4/94
 Subject: CASING INTEGRITY TEST

LEASE NAME: Warren McKee WELL NO. 1
 WELL STATUS: WFL DATE TESTED: 3/25/94
 RESULTS OF TEST: 500psi / 30 min

REASON TEST WAS TAKEN:

Annual Test for Injection Well: _____
 Shut Well In: _____
 Temporarily Abandon: _____
 Well Service or Well Work: _____
 Other: 54r test

REGULATORY AGENCIES NOTIFIED: BLM: _____ NMOCD:

NMOCD WITNESS: Wayne Price

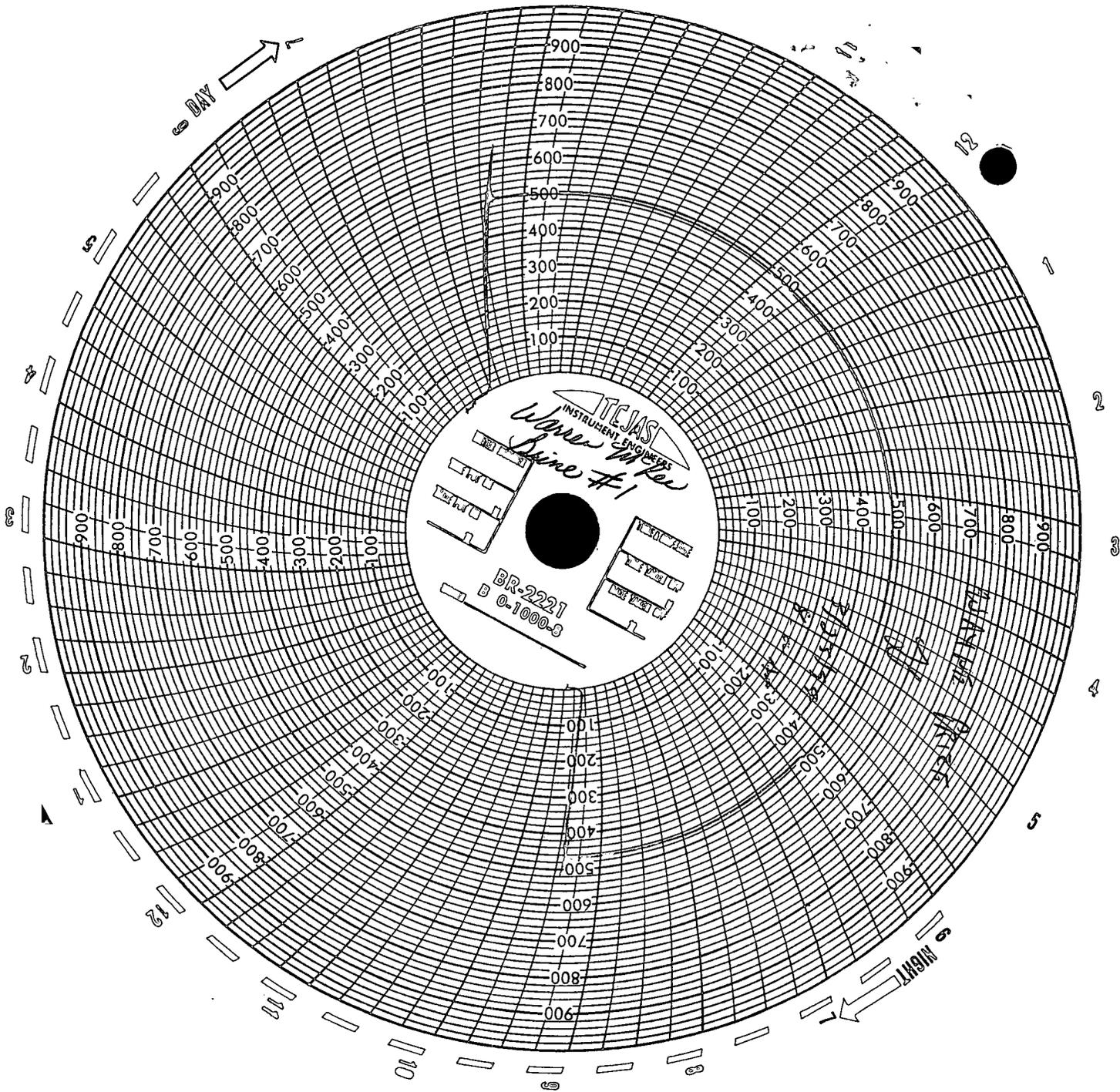
BLM WITNESS: _____

CONOCO WITNESS: D. Sharp

Signed: D. Sharp

DAY

12





Interoffice Communication

To: Jerry Hoover
 From: B. Sharp
 Date: 4/14/94
 Subject: CASING INTEGRITY TEST

LEASE NAME: Warren McKee WELL NO. 2
 WELL STATUS: WFL DATE TESTED: 3/23/94
 RESULTS OF TEST: 540psi/30 min.

REASON TEST WAS TAKEN:

Annual Test for Injection Well: _____
 Shut Well In: _____
 Temporarily Abandon: _____
 Well Service or Well Work: _____
 Other: 54v test

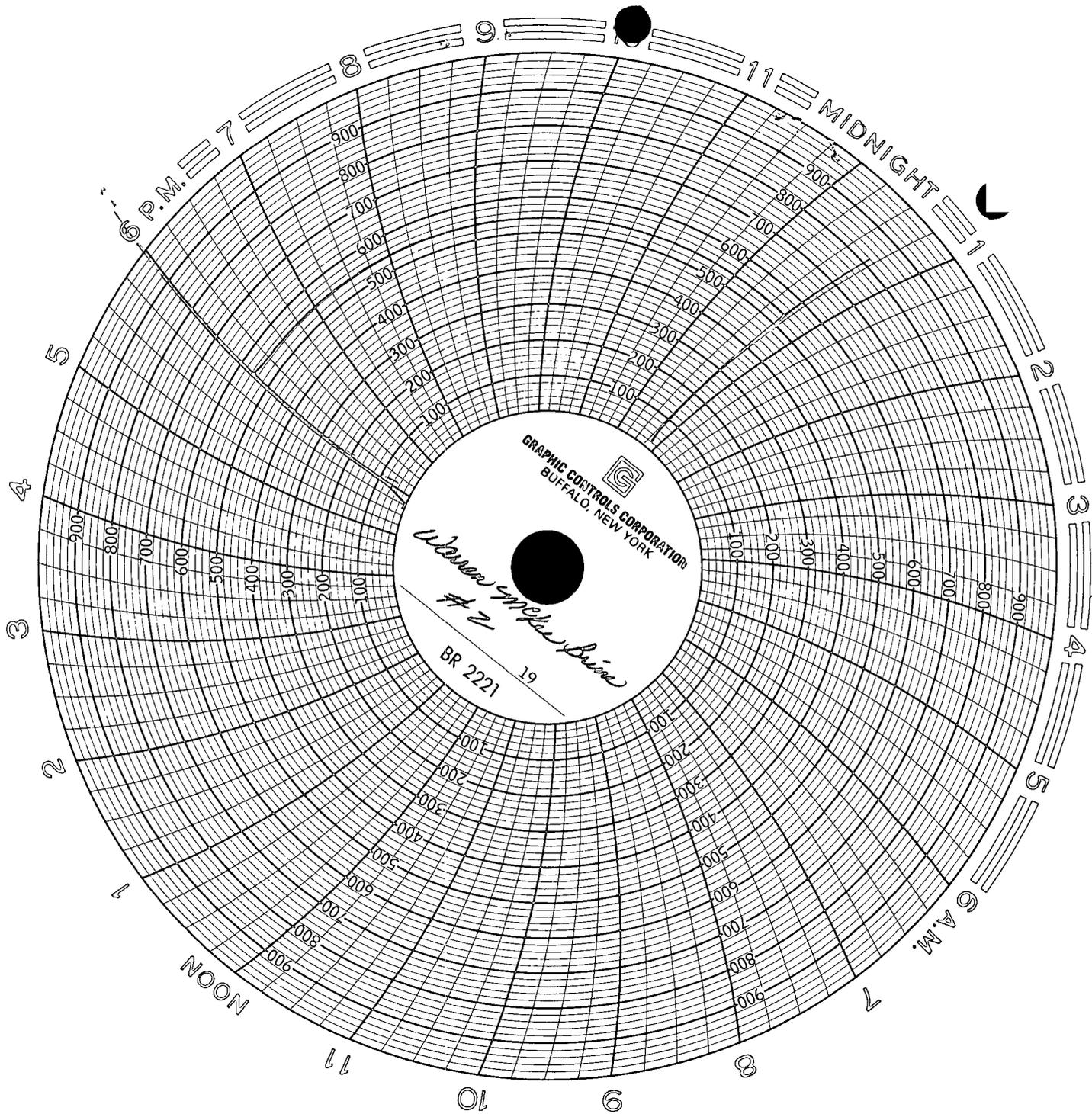
REGULATORY AGENCIES NOTIFIED: BLM: _____ NMOCD:

NMOCD WITNESS: Wayne Price

BLM WITNESS: _____

CONOCO WITNESS: B. Sharp

Signed: B. Sharp





STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

SERVICED DIVISION
RECEIVED

OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE

94 MAR 29 AM 8 49

BRUCE KING
GOVERNOR

POST OFFICE BOX 1980
HOBBS, NEW MEXICO 88241-1980
(505) 393-6161

NMOCD Inter-Correspondence

To: Roger Anderson-Environmental Bureau Chief
From: Wayne Price-Environmental Engineer District I
Date: March 25, 1994

Reference: Conoco Brine Wells Permit Renewal BW-01
sec 2-20s-38e unit N & M

Comments:

The two conoco brine wells were tested this week. Unit N which is the main operating well was tested first, the second well, Unit M which is located about 400 yards west was tested also, the second well is an old back-up well. The integrity on this well is not perfect but appeared to pass. Both wells were being produced out of the annulus, I notified the production foreman that this should be reversed, unless they are performing salt removal maintenance. The fresh water used to produce these wells are two water wells located near their storage facility just about 1/4 mi to the north, located near the city of hobbs waste water ponds.

Due to salt cave-ins both wells left bent tubing in the hole.

Bill Keathy with Conoco Midland office (915-686-5400) will send C-103's with the pressure charts. I will forward these to you as soon as I receive them. I have already sent Kathy Brown my field report.

cc: Jerry Sexton-District I Supervisor



NEW MEXICO OIL CONSERVATION COMMISSION
FIELD TRIP REPORT

INSPECTION
CLASSIFICATION
FACILITY
HOURS
QUARTER
HOURS

Name WAYNE PRICE Date 3/25/94 Miles 15 District I
Time of Departure 7:30 AM Time of Return 8:30 AM Car No. 116

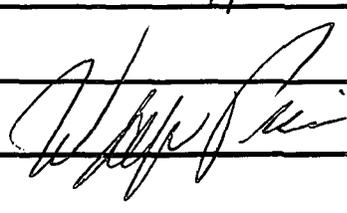
In the space below indicate the purpose of the trip and the duties performed, listing wells or leases visited and any action taken.

Signature Wayne Price

X
T

CONOCO BRINE WELL - WARREN McKee 2-20-38 UNIT M
MIT - SET PACKER AT 1415'
FOUND LEAK ON BOP, TIGHTEN, PRESSURE WOULD
NOT GO OVER 400 PSIG - RESET PACKARD -
RAW PRESSURE CHART 45 MIN \approx 15 LB DROP -
OK PER TELEPHONE WITH JERRY SEXTON

WITNESS: BRUCE SHARP - CONOCO
GERALD HUDSON - HUDSON PACKARD
X-PEARL DRASO PULLING UNIT
GOLD STAR - SUPPLIER PRESSURE CHART!
COMPARED PRESSURE CHART WITH TRUCK
GAUGE - \approx \pm 10 LB'S



<u>Mileage</u>	<u>Per Diem</u>	<u>Hours</u>
UIC _____	UIC _____	UIC _____
RFA _____	RFA _____	RFA _____
Other _____	Other _____	Other _____

- | TYPE INSPECTION PERFORMED | INSPECTION CLASSIFICATION | NATURE OF SPECIFIC WELL OR FACILITY INSPECTED |
|--|--|--|
| <ul style="list-style-type: none"> H = Housekeeping P = Plugging C = Plugging Cleanup T = Well Test R = Repair/Workover F = Waterflow M = Mishap or Spill W = Water Contamination O = Other | <ul style="list-style-type: none"> U = Underground Injection Control - Any inspection of or related to injection project, facility, or well or resulting from injection into any well. (SWD, 2ndry injection and production wells, water flows or pressure tests, surface injection equipment, plugging, etc.) R = Inspections relating to Reclamation Fund Activity O = Other - Inspections not related to injection or The Reclamation Fund | <ul style="list-style-type: none"> D = Drilling P = Production I = Injection C = Combined prod. inj. operations S = SWD U = Underground Storage G = General Operation F = Facility or location M = Meeting O = Other |
- E = Indicates some form of enforcement action taken in the field (show immediately below the letter U, R or O)

NEW MEXICO OIL CONSERVATION COMMISSION
FIELD TRIP REPORT

INSPECTION	CLASSIFICATION	FACILITY	HOURS	QUARTER	HOURS
------------	----------------	----------	-------	---------	-------

Name WAYNE PRICE Date 3/23/74 Miles 15 District I
 Time of Departure 1:15 PM Time of Return 5:20 PM Car No. 116

In the space below indicate the purpose of the trip and the duties performed, listing wells or leases visited and any action taken.

Signature Wayne Price

X			3		
T					

CONOCO BRINE WELL - WARREN McNEE 2-20-38 UNIT N
 WITNESS PRESSURE TEST - SET PACKER AT 1550'
 FILLED WITH WATER PRESSURED 545 PSI HELD 30 MIN
 NO DROP! OTC SIGNED CHART!
 ON SITE BRUCE SHARP - CONOCO
 GERALD HUDSON - HUDSON PACKERS
 X-PEAT WELL SERVICE
 Mc CLASLAND HOT OILER FOR PRESSURE & CHART.
 NOTE: CHECKED PIPING MADE SURE PRESSURE PUMP
 WAS REMOVED DURING TEST! CHECKED VALVES!

Wayne Price

<u>Mileage</u>	<u>Per Diem</u>	<u>Hours</u>
UIC <u>30</u>	UIC _____	UIC _____
RFA _____	RFA _____	RFA _____
Other _____	Other _____	Other _____

TYPE INSPECTION PERFORMED	INSPECTION CLASSIFICATION	NATURE OF SPECIFIC WELL OR FACILITY INSPECTED
H = Housekeeping P = Plugging C = Plugging Cleanup T = Well Test R = Repair/Workover F = Waterflow M = Mishap or Spill W = Water Contamination O = Other	U = Underground Injection Control - Any inspection of or related to injection project, facility, or well or resulting from injection into any well. (SWD, 2ndry injection and production wells, water flows or pressure tests, surface injection equipment, plugging, etc.) R = Inspections relating to Reclamation Fund Activity O = Other - Inspections not related to injection or The Reclamation Fund E = Indicates some form of enforcement action taken in the field (show immediately below the letter U, R or O)	D = Drilling P = Production I = Injection C = Combined prod. inj. operations S = SWD U = Underground Storage G = General Operation F = Facility or location M = Meeting O = Other

ACKNOWLEDGEMENT OF RECEIPT
OF CHECK/CASH

I hereby acknowledge receipt of check No. [redacted] dated 3/21/94,
or cash received on 3/29/94 in the amount of \$ 50.00
from Conoco, Inc.

for Warren-McKee Brine Well Facility BW-01
(Facility Name) (OP No.)

Submitted by: _____ Date: _____

Submitted to ASD by: Kathy Brown Date: 3/30/94

Received in ASD by: Angie Alire Date: 3/30/94

Filing Fee New Facility _____ Renewal _____
Modification _____ Other _____
(specify)

Organization Code 521.07 Applicable FY 94

To be deposited in the Water Quality Management Fund.

Full Payment _____ or Annual Increment _____

 <p>TEXAS NATIONAL BANK POST OFFICE BOX 3090, MIDLAND, TEXAS 79702</p>	CONOCO, INC. SHERRI L. WILLIAMS WORKING FUND 10 DESTA DR., SUITE 100W MIDLAND, TEXAS 79705		[redacted]
	PAY TO THE ORDER OF <u>NMOCU</u>		<u>3-21</u> 19 <u>94</u>
	<u>fifty & no/100</u>		\$ <u>50.00</u>
			DOLLARS
			0991
THIS CHECK IS DELIVERED FOR PAYMENT ON THE ACCOUNTS LISTED			<u>Sherril Williams</u> MP

State of New Mexico
Energy, Minerals and Natural Resources Department
OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, NM 87501

OIL CONSERVATION DIVISION
RECEIVED

APR 19 1999

DISCHARGE PLAN APPLICATION FOR BRINE EXTRACTION FACILITIES

(Refer to OCD Guidelines for assistance in completing the application.)

NEW RENEWAL

- I. FACILITY NAME: Conoco Warren McKee Brine Station
- II. OPERATOR: Conoco Inc.
ADDRESS: 10 Desta Drive, Suite 100W, Midland, TX 79705
CONTACT PERSON: Jerry W. Hoover (915) 686-6548 PHONE: _____
- III. LOCATION: SW/4 NW/4 Section 2 Township 20S Range 38E
Submit large scale topographic map showing exact location.
- IV. Attach the name and address of the landowner of the facility site.
- V. Attach a description of the types and quantities of fluids at the facility.
- VI. Attach a description of all fluid transfer and storage and fluid and solid disposal facilities.
- VII. Attach a description of underground facilities (i.e. brine extraction well).
- VIII. Attach a contingency plan for reporting and clean-up of spills or releases.
- IX. Attach geological/hydrological evidence demonstrating that brine extraction operations will not adversely impact fresh water.
- X. Attach such other information as is necessary to demonstrate compliance with any other OCD rules, regulations and/or orders.
- XI. CERTIFICATION

I hereby certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

Name: Jerry W. Hoover Title: Sr. Conservation Coordinator

Signature: _____

Date: 3/21/99

DISTRIBUTION: Original and one copy to Santa Fe with one copy to appropriate Division District Office.



Midland Division
Exploration Production

Conoco Inc.
10 Desta Drive, Suite 100W
Midland, TX 79705-4500
(915) 686-5400

DISCHARGE PLAN RENEWAL APPLICATION FOR BRINE EXTRACTION FACILITY

Submitted to:

**State of New Mexico
Energy, Minerals and Natural Resources Department
OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, NM 87501**

Conoco Inc. requests a renewal of it's Discharge Plan BW-1 for the below described facility. There have been no modifications to the brine extraction process since the last approved modification on June 11, 1991.

I. Name of Facility

Conoco Warren McKee Brine Station
(Also referred to as "Warren McKee In-Situ Salt Extraction")

II. Name of Operator

Conoco Inc.
10 Desta Drive, Suite 100W
Midland, TX 79705

III. Location of Facility

Storage & Mixing Facilities: SW/4 SW/4 NW/4, Sec. 2, T-20S, R-38E
Lea County, New Mexico

Extraction Wells: Warren McKee Brine Well No. 1 -
710' FSL & 420" FWL, Sec. 2, T-20S, R-38E
Lea County, New Mexico

Warren McKee Brine Well No. 2 -
660' FSL & 1980' FWL, Sec. 2, T-20S, R-38E
Lea County, New Mexico

Attachment 1: Area map showing cities, roads, wells, and pipelines

Attachment 2: Topographic map of the general area of the Brine Extraction Operations

Attachment 3: Plat of Brine Extraction Area showing locations of the Brine Facility, reclaimed effluent sewage water wells, and brine extraction wells.

IV. Landowners

The surface beneath the actual tank battery is owned by Conoco Inc. The surface area at the locations of the two brine extraction wells and the two water supply wells and beneath associated pipelines is owned by the City of Hobbs.

V. Type and Quantities of Fluids Stored or Used at the Facility

Approximately 9,000 BPD of reclaimed effluent sewage water is produced from the water supply wells. A small portion of this amount (± 1300 BWPD) is circulated through one of the brine extraction wells. The resulting brine is then mixed with the produced effluent water yielding a solution with approximately 1.03 specific gravity. This fluid is then piped to injection facilities located about 4 miles to the southwest for use in the SEMU-Warren McKee and Warren Unit Blinbry-Tubb Waterfloods.

VI. Description of Fluid Storage and Transfer Facilities

Attachment 4 is a current facility diagram. The only difference from previous diagrams is the addition of two water supply wells (Nos. 1 and 2) in the area. These wells are used to reclaim effluent sewage water as it soaks into the ground in the adjacent holding ponds operated by the City of Hobbs.

VII, VIII, IX, and X.

These items from the Discharge Plan Application were submitted with the initial and modified applications previously filed.

Mechanical integrity tests will be performed in the brine extraction wells and forwarded to the OCD Environmental Bureau Office by the April 10, 1994 renewal date of this application.

The \$50 filing fee required for the discharge plan renewal is also attached to this application.

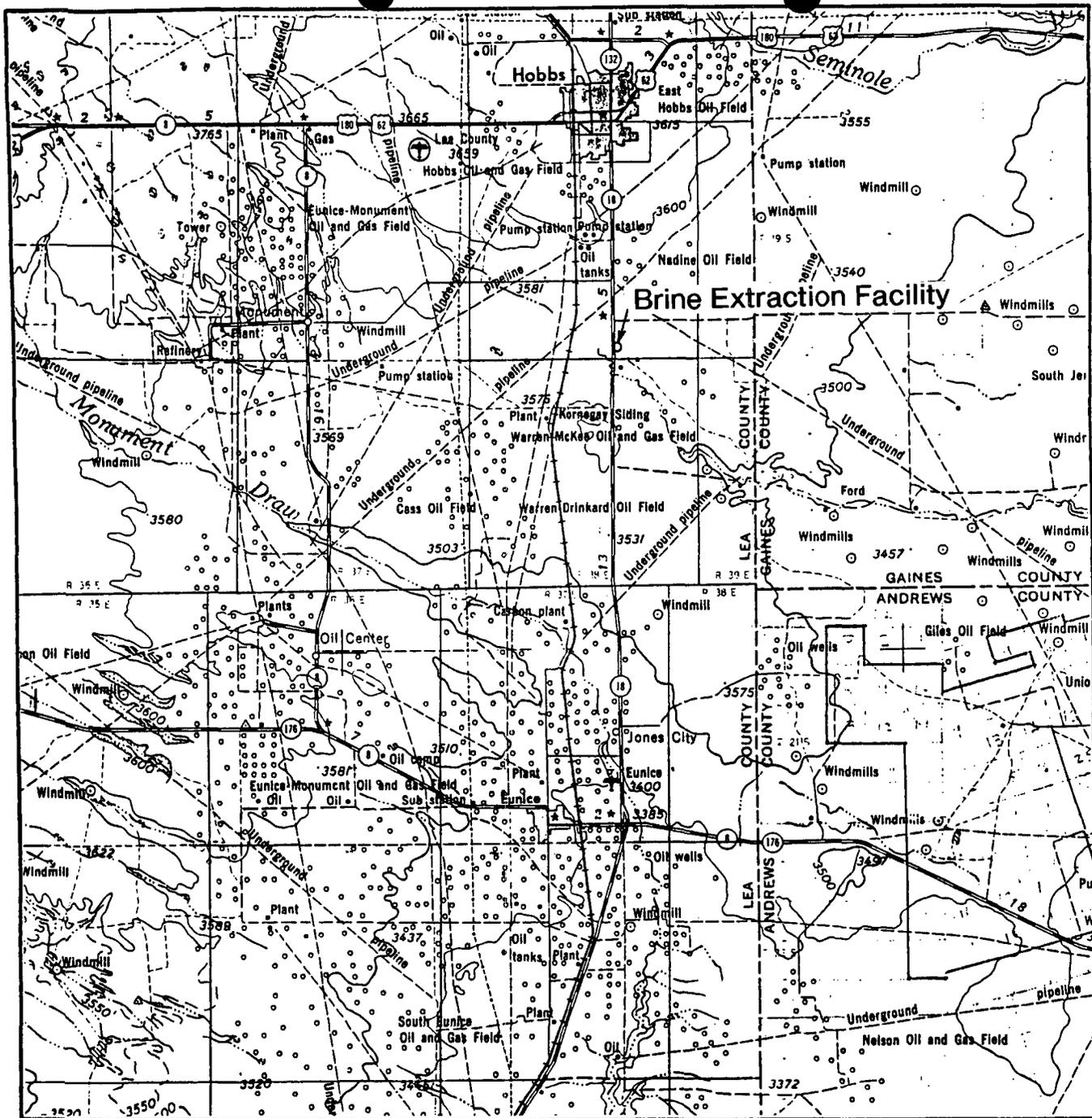
If there are any further questions or information required, please contact me at (915) 686-6548.

Very truly yours,



Jerry W. Hoover
Sr. Conservation Coordinator

VICINITY MAP



SCALE: 1" = 5 MILES

SEC. 2 TWP. 20-SOUTH RGE. 38-EAST
 SURVEY N. M. P. M.
 COUNTY LEA STATE NM
 DESCRIPTION 1501'S 194'W
 ELEVATION 3586
 OPERATOR CONOCO, INC.
 LEASE Brine Extraction Facility

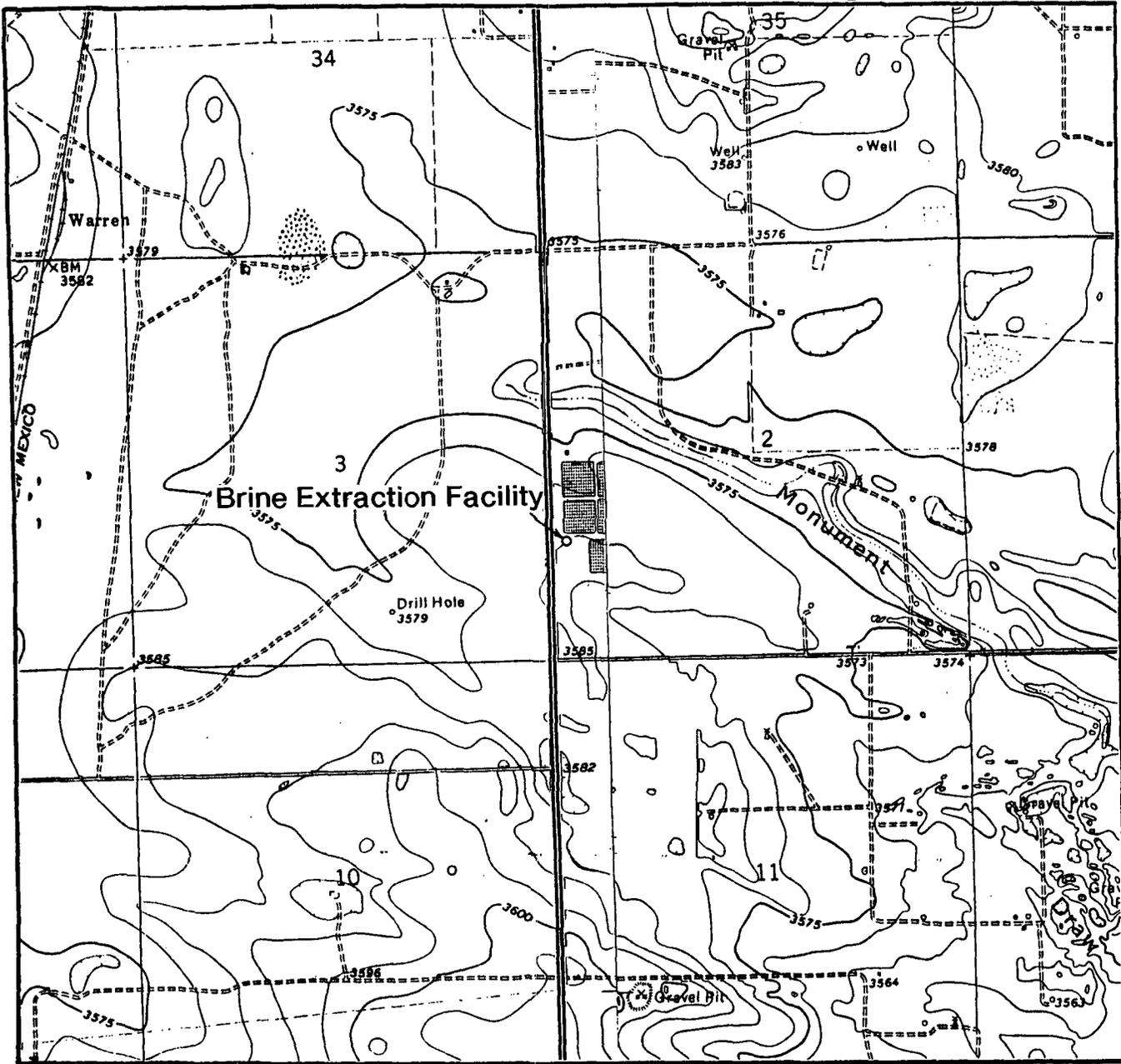
WEST TEXAS CONSULTANTS, INC.

ENGINEERS-PLANNERS-SURVEYORS

MIDLAND, TEXAS

915-685-3800

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL 5'

SEC. 2 TWP. 20-SOUTH RGE. 38-EAST

SURVEY N. M. P. M.

COUNTY LEA STATE NM

DESCRIPTION 1501' /S 194' /W

ELEVATION 3586

OPERATOR CONOCO, INC.

LEASE Brine Extraction Facility

U.S.G.S. TOPOGRAPHIC MAP

HOBBS SW, N. MEX. HOBBS SE, TEX. - N. MEX.

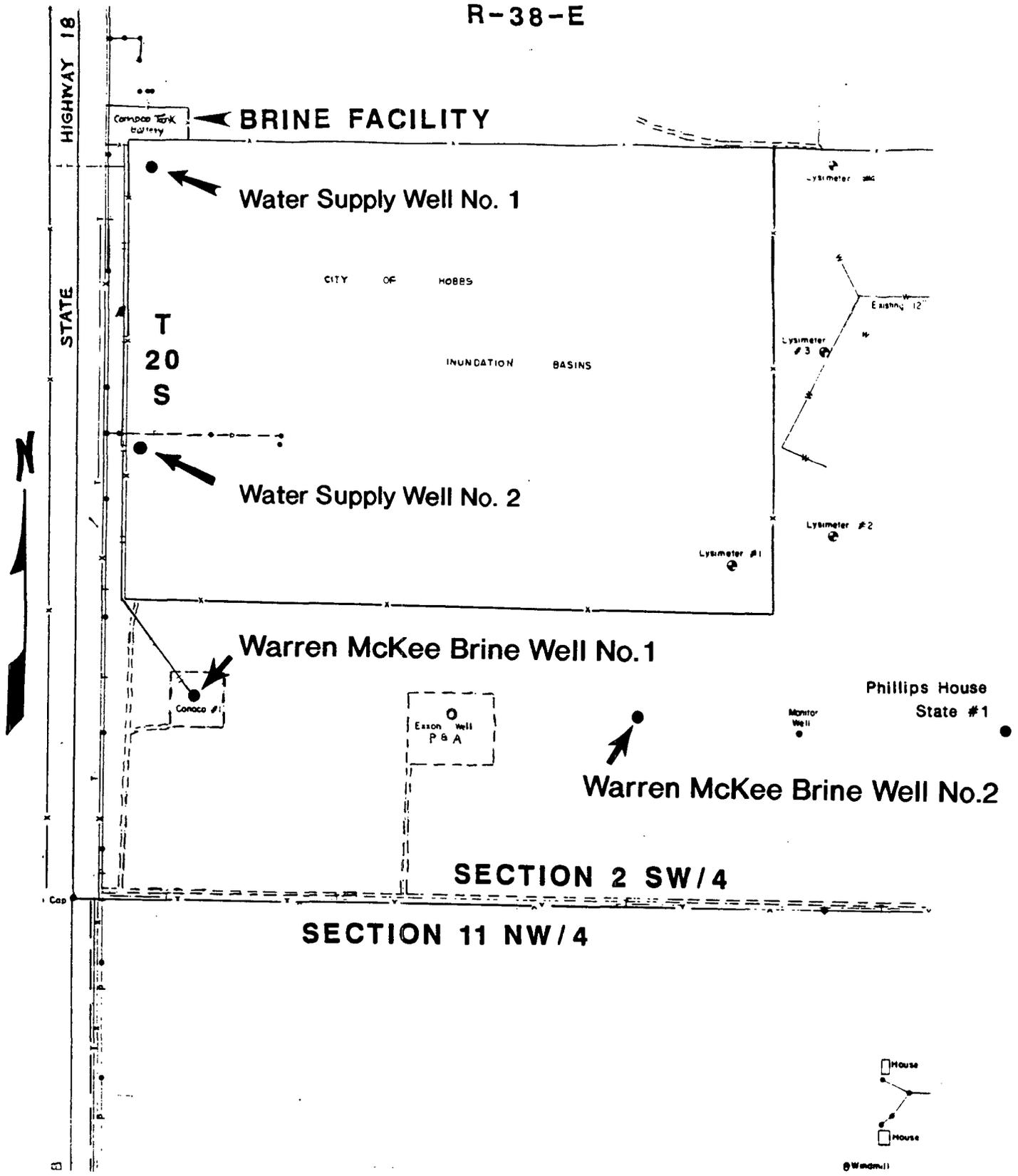
WEST TEXAS CONSULTANTS, INC.

ENGINEERS-PLANNERS-SURVEYORS

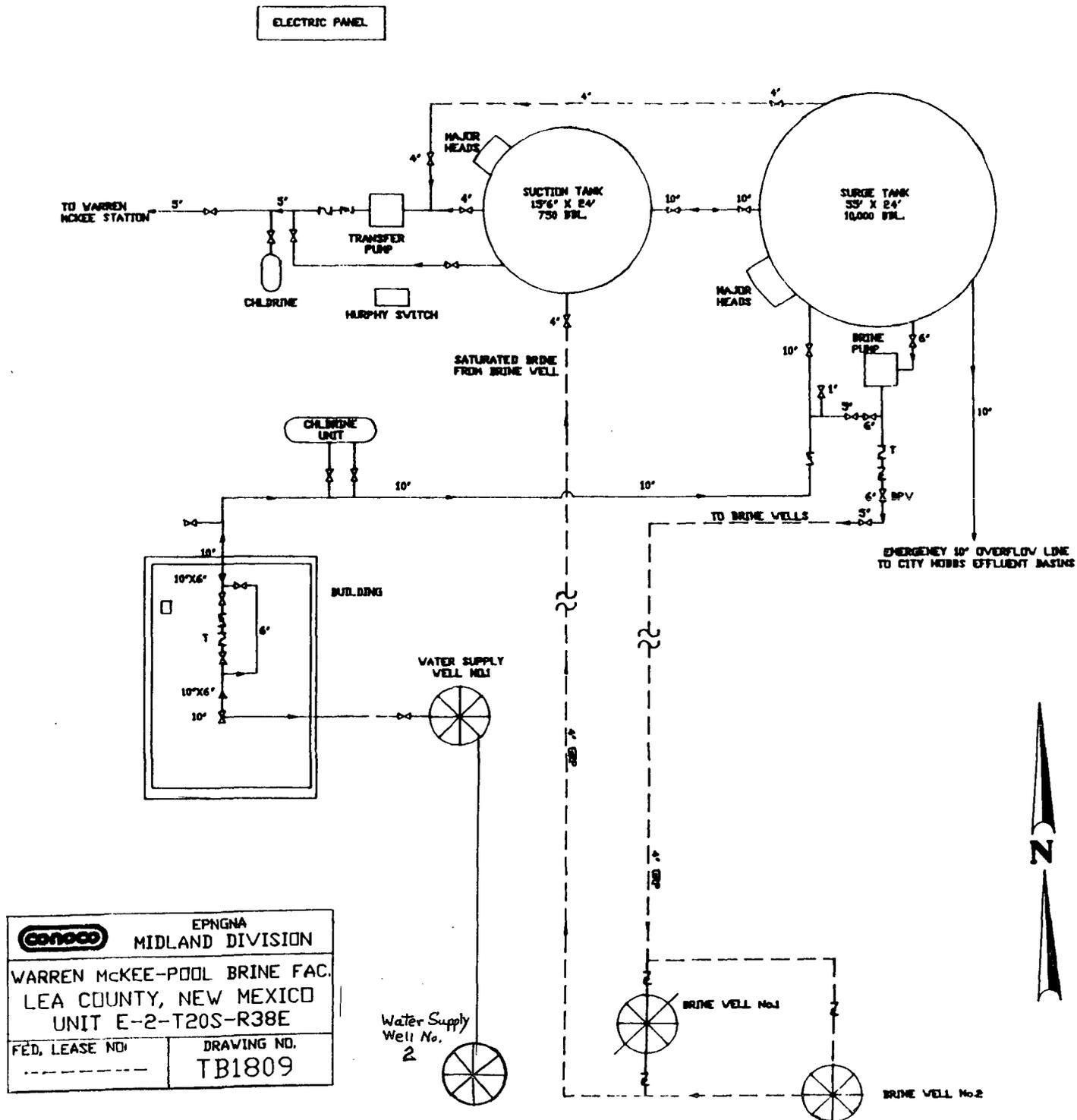
MIDLAND, TEXAS

915-685-3800

R-38-E



General Area of Brine Extraction Operations



 EPNOMA MIDLAND DIVISION	
WARREN MCKEE-PHOL BRINE FAC. LEA COUNTY, NEW MEXICO UNIT E-2-T20S-R38E	
FED. LEASE NO: -----	DRAWING NO. TB1809

Water Supply
Well No.
2

BRINE WELL No.1

BRINE WELL No.2



STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION



BRUCE KING
GOVERNOR

ANITA LOCKWOOD
CABINET SECRETARY

March 4, 1994

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87504
(505) 827-5800

CERTIFIED MAIL

RETURN RECEIPT NO.P-111-334-181

Mr. Jerry W. Hoover
Conoco, Inc.
10 Desta Drive West
Midland, Texas 79705-4514

**RE: DISCHARGE PLAN BW-01 RENEWAL
CONOCO WARREN MCKEE BRINE STATION
LEA COUNTY, NEW MEXICO**

Dear Mr. Squires:

On December 18, 1982, the ground water discharge plan, GWB-3 for the Conoco, Inc. Brine Station located in Section 2, Township 20 South, Range 38 East, NMPM, Lea County, New Mexico, was approved by the Director of the New Mexico Oil Conservation Division (OCD). This discharge plan was required and submitted pursuant to Water Quality Control Commission (WQCC) Regulations and was approved for a period of five years. The discharge plan (DP-318, formerly GWB-3) was renewed on April 10, 1989 by the Director of the Environmental Improvement Division (EID). The approval will expire on April 10, 1994.

Authority to administer the brine program was returned to the OCD in 1989 and all brine well permits and activities are again under the OCD's jurisdiction. Please note the new discharge plan number BW-01, formerly DP-318, which will be the permanent designation used in all future correspondence.

If your facility continues to have potential or actual effluent or leachate discharges and you wish to continue operations, you must renew your discharge plan. The OCD is reviewing discharge plan submittals and renewals carefully and the review time can often extend for several months. Please indicate whether you have made, or intend to make, any changes in your discharge system, and if so, please include these modifications in your application for renewal.

Mr. Jerry Hoover
March 4, 1994
Page 2

To assist you in preparation of your renewal application, I have enclosed an application form and a copy of the OCD's Guidelines for the Preparation of Ground Water Discharge Plans at Brine Extraction Facilities, revised May 1991, and a copy of the Water Quality Control Commission Regulations. Note that the completed and signed application form must be submitted with your discharge plan renewal request.

The discharge plan renewal application for the Conoco, Inc. Brine Station is subject to the WQCC Regulation 3-114 discharge plan fee. Every billable facility submitting a discharge plan renewal will be assessed a fee equal to the filing fee of fifty (50) dollars plus one-half of the flat fee or six-hundred and ninety (690) dollars for brine extraction facilities.

The \$50 filing fee is to be submitted with the discharge plan renewal application and is nonrefundable. The flat fee for an approved discharge plan renewal may be paid in a single payment due at the time of approval, or in equal annual installments over the duration of the discharge plan.

If you no longer have any actual or potential discharges a discharge plan renewal is not needed, please notify this office. If you have any questions, please do not hesitate to contact Kathy Brown at (505) 827-5884.

Sincerely,



Roger C. Anderson
Environmental Bureau Chief

RCA/kmb

Enclosures

xc: Wayne Price, OCD Hobbs Office

STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION



June 11, 1991

BRUCE KING
GOVERNOR

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87504
(505) 827-5800

CERTIFIED MAIL
RETURN RECEIPT NO. P-327-278-143

Mr. Jerry W. Hoover
Regulatory Coordinator
Conoco Inc.
10 Desta Drive West
Midland, Texas 79705-4514

RE: Approval of Discharge Plan BW-1 Modification
Conoco Warren McKee Brine Station

Dear Mr. Hoover:

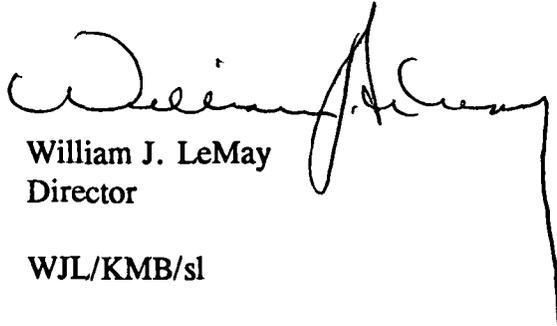
The discharge plan ^{modification} renewal (BW-1) for the Conoco Warren McKee Brine Station located in the SW/4 NW/4 of Section 2, Township 20 South, Range 38 East, NMPM, Lea County, New Mexico, is hereby approved. The modification application consists of the request for modification of discharge plan dated April 11, 1991. The original discharge plan was approved December 18, 1982, renewed on April 10, 1989, and will expire on April 10, 1994. Please note the new discharge plan number (BW-1), formerly DP-318, which will be the permanent designation used in all future correspondence.

The modification application was submitted pursuant to Section 3-107.C of the New Mexico Water Quality Control Commission (WQCC) Regulations. Based on the information provided in the modification application and in the approved discharge plan, it is approved pursuant to Sections 5-101.A and 3-109. Please be advised that the approval of this plan does not relieve you of liability should your operation result in actual pollution of surface water, ground water, or the environment which may be actionable under other laws and/or regulations.

The monitoring and reporting shall be as specified in the above referenced materials. Please note that Section 3-104 of the regulations requires that "When a plan has been approved, discharges must be consistent with the terms and conditions of the plan." Pursuant to Section 3-107.C. you are required to notify the Director of any facility expansion, production increase, or process modification that would result in any change in the discharge of water quality or volume.

Before performing remedial work, altering or pulling casing, plugging or abandonment, or any other workover, approval of the OCD must be obtained. Approval should be requested on the OCD Form C-103 "Sundry Notices and Reports on Wells" (OCD Rule 1103-A). Submit the original form to the appropriate district office and a copy of the form to the Environmental Bureau in the Santa Fe Office.

Sincerely,

A handwritten signature in cursive script, appearing to read "William J. LeMay". The signature is written in black ink and is positioned above the typed name and title.

William J. LeMay
Director

WJL/KMB/sl

cc: OCD Hobbs Office



UNITED STATES
DEPARTMENT OF THE INTERIOR
FISH AND WILDLIFE SERVICE
Ecological Services
Suite D, 3530 Pan American Highway, NE
Albuquerque, New Mexico 87107

May 28, 1991

RECEIVED

MAY 31 1991

OIL CONSERVATION DIVISION

Mr. William J. Lemay, Director
New Mexico Energy, Minerals and
Natural Resources Department
Oil Conservation Division
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Dear Mr. Lemay:

The U.S. Fish and Wildlife Service (Service) has reviewed the Public Notices dated April 24, 1991, regarding the effects of granting State of New Mexico groundwater discharge permits on fish, shellfish, and wildlife resources in New Mexico.

The Service has determined that there are no wetlands or other environmentally sensitive habitats that will be adversely affected by the following activities.

BW-1: Conoco Incorporated, Midland, Texas.

BW-4: Wasserhund Incorporated, Lovington, New Mexico.

The Service has determined that there may be risks to migratory birds from the proposed permitted activities listed below, and that nets or screens be erected over the tanks to prevent any migratory bird species (waterfowl, shorebirds, songbirds, or raptors) from gaining access to the washdown water and used oil. If a migratory bird should be killed by coming in contact with these fluids, a violation of the Migratory Bird Treaty Act will have occurred.

The proposed permittees are:

GW-61: Williams Field Services, Salt Lake City, Utah, Horse Canyon Compressor Station.

GW-62: Williams Field Services, Salt Lake City, Utah, Manzanares Compressor Station.

GW-63: Williams Field Services, Salt Lake City, Utah, Pump Mesa Compressor Station.

GW-64: Williams Field Services, Salt Lake City, Utah, Middle Mesa Compressor Station.

GW-77: Meridian Oil, Inc., Farmington, New Mexico, Middle Mesa Compressor Station.

If you have any questions, please call Richard Roy at (505) 883-7877.

Sincerely,

A handwritten signature in black ink, appearing to read "Jennifer Fowler-Propst", with a long horizontal flourish extending to the right.

Jennifer Fowler-Propst
Field Supervisor

cc:

Director, New Mexico Department of Game and Fish, Santa Fe, New Mexico
Director, New Mexico Energy, Minerals and Natural Resources Department,
Forestry and Resources Conservation Division, Santa Fe, New Mexico
Regional Administrator, U.S. Environmental Protection Agency, Dallas, Texas
Regional Director, U.S. Fish and Wildlife Service, Fish and Wildlife
Enhancement, Albuquerque, New Mexico

**NOTICE OF PUBLICATION
STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION**

Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations, the following discharge plan applications have been submitted to the Director of the Oil Conservation Division, State Land Office Building, P.O. Box 2088, Santa Fe, New Mexico 87504-2088, Telephone (505) 827-5800:

(GW-69) Continental Natural Gas, Inc., Terry Spencer, P.O. Box 21470, Tulsa, Oklahoma 74121, has amended the previously advertised discharge plan application for its proposed Eddy County Gas Processing Plant. The amendment changes the location from the NW/4 NE/4, Section 15, Township 23 South, Range 28 East, NMPM, Eddy County, New Mexico to the NW/4 SE/4 Section 10, Township 23 South, Range 28 East, NMPM, Eddy County, New Mexico. Approximately 460 gallons per day of process wastewater will be collected and stored in above ground steel tanks prior to disposal in an OCD permitted offsite commercial disposal facility. The total dissolved solids concentration of the wastewater will not be known until the plant begins operation. Groundwater most likely to be affected by any spill, leak or other accidental discharge to the surface is at a depth of approximately 30 feet with a total dissolved solids concentration of approximately 5000 mg/l. The discharge plan addresses how spills, leaks and other accidental discharges to the surface will be managed.

(BW-4) Wasserhund Incorporated, J.E. Hasseloff, President, P.O. Box 249, Lovington, New Mexico 88260, has submitted a renewal application for the previously approved discharge plan application for their insitu extraction brine well facility. The brine station is located in the SW/4, SW/4, Section 31, Township 16 South, Range 35 East, NMPM, Lea County, New Mexico. Fresh water is injected to an approximate depth of 2000 feet and brine is extracted with an average Total Dissolved Solids content of 300,000 mg/l. Groundwater most likely to be affected by any accidental discharge at a depth of approximately 120 feet and has a total dissolved solids content of about 500 mg/l. The discharge plan addresses how spills, leaks and other accidental discharges to surface will be managed.

(BW-1) Conoco, Inc., Jerry W. Hoover, Regulatory Coordinator, 10 Desta Drive West, Midland, Texas 79705-4514, has submitted a discharge plan modification application for the previously approved discharge plan application for its Warren McKee brine extraction located in the SW/4, NW/4, Section 2, Township 20 South, Range 38 East, NMPM, Lea County, New Mexico. The proposed modification is that the Warren McKee Brine Well No. 1, which has been temporarily abandoned for the past year, be returned to active status. Currently,

**STATE OF NEW MEXICO
County of Bernalillo**

SS

Thomas J. Smithson being duly sworn declares and says that he is National Advertising manager of the **Albuquerque Journal**, and that this newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Session Laws of 1937, and that payment therefore has been made or assessed as court costs; that the notice, a copy of which is hereto attached, was published in said paper in the regular daily edition,

for.....1.....times, the first publication being on the.....2.....day
of.....May....., 1991, and the subsequent consecutive
publications on....., 1991.

Thomas J. Smithson

Sworn and subscribed to before me, a Notary Public in and for the County of Bernalillo and State of New Mexico, this2..... day of.....May....., 1991.

PRICE.....\$ 391.69.....

Statement to come at end of month.

ACCOUNT NUMBER.....C 81184.....

NOTARIAL SEAL
Bernadette Ortiz
12-18-93

CLA-22-A (R-12/91)

Affidavit of Publication

STATE OF NEW MEXICO)
) ss.
COUNTY OF LEA)

Joyce Clemens being first duly sworn on oath deposes and says that he is **Adv. Director** of THE LOVINGTON DAILY LEADER, a daily newspaper of general paid circulation published in the English language at Lovington, Lea County, New Mexico; that said newspaper has been so published in such county continuously and uninterruptedly for a period in excess of Twenty-six (26) consecutive weeks next prior to the first publication of the notice hereto attached as hereinafter shown; and that said newspaper is in all things duly qualified to publish legal notices within the meaning of Chapter 167 of the 1937 Session Laws of the State of New Mexico.

That the notice which is hereto attached, entitled

Notice Of Publication

and numbered _____ in the

_____ Court of Lea County, New Mexico, was published in a regular and entire issue of THE LOVINGTON DAILY LEADER and not in any supplement thereof, once each week on the same day of the week, for one (1)

consecutive weeks, beginning with the issue of _____

May 1, 1991

and ending with the issue of _____

May 1, 1991

And that the cost of publishing said notice is the sum of \$48.65

which sum has been (Paid ~~assessed~~) as Court Costs

Subscribed and sworn to before me this 7th

day of May, 1991

Ms. Jean Serier
Notary Public, Lea County, New Mexico

My Commission Expires Sept. 28, 1994

LEGAL NOTICE NOTICE OF PUBLICATION STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION

Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations, the following discharge plan renewal, modification and amendment applications have been submitted to the Director of the Oil Conservation Division, State Land Office Building, P. O. Box 2088, Santa Fe, New Mexico 87504-2088, Telephone (505) 827-5800:

(GW-69) - Continental Natural Gas, Inc., Terry Spencer, P. O. Box 21470, Tulsa, Oklahoma 74121, has amended the previously advertised discharge plan application for its proposed Eddy County Gas Processing Plant. The amendment changes the location from the NW/4 NE/4, Section 15, Township 23 South, Range 28 East, NMPM, Eddy County, New Mexico to the NW/4 SE/4 Section 10; Township 23 South, Range 28 East, NMPM, Eddy County, New Mexico. Approximately 460 gallons per day of process wastewater will be collected and stored in above ground steel tanks prior to disposal in an OCD permitted offsite commercial disposal facility. The total dissolved solids concentration of the wastewater will not be known until the plant begins operation. Groundwater most likely to be affected by any spill, leak or other accidental discharge to the surface is at a depth of approximately 30 feet with a total dissolved solids concentration of approximately 5000 mg/l. The discharge plan addresses how spills, leaks and other accidental discharges to the surface will be managed.

(BW-4) - Wasserhund Incorporated, J. E. Hasseloff, President, P. O. Box 249, Lovington, New Mexico, 88260, has submitted a renewal application for the previously approved discharge plan application for their insitu extraction brine well facility. The brine station is located in the SW/4, SW/4, Section 31, Township 16 South, Range 35 East, NMPM, Lea County, New Mexico. Fresh water is injected to an approximate depth of 2000 feet and brine is extracted with an average Total Dissolved Solids content of 300,000 mg/l. Groundwater most likely to be affected by any accidental discharge is at a depth of approximately 120 feet and has a total dissolved solids content of about 500 mg/l. The discharge plan addresses how spills, leaks and other accidental discharges to the surface will be managed.

(BW-1) - Conoco, Inc., Jerry W. Hoover, Regulatory Coordinator, 10 Desta Drive West, Midland, Texas 79705-4514, has submitted a discharge plan modification application for the previously approved discharge plan application for its Warren McKee brine extraction located in the SW/4, NW/4, Section 2, Township 20 South, Range 38 East, NMPM, Lea County, New Mexico. The proposed modification is that the Warren McKee Brine Well No. 1, which has been temporarily abandoned for the past year, be returned to active status. Currently, the Warren McKee Brine Well No. 2 is the only active well and is supplying all of the brine used in the Warren McKee Waterflood. The proposed modification allows for the two wells to be operated either alternately or simultaneously in order to optimize brine production and minimize shut down time of the waterflood. Groundwater most likely to be affected by any accidental discharge to the surface is at a depth of 70 to 145 feet with a total dissolved solids concentration of 1150 mg/l. The discharge plan addresses how spills, leaks and other accidental discharges to the surface will be managed.

Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan application may be viewed at the above address between 8:00 a.m. and 5:00 p.m., Monday through Friday. Prior to ruling on any proposed discharge plan or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and public hearing may be requested by any interested person. Requests for public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines there is significant public interest. If no public hearing is held, the Director will approve or disapprove the proposed plan based on information available. If a public hearing is held, the Director will approve or disapprove the proposed plan based on information in the plan and information submitted at the hearing. GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 24th day of April, 1991. To be published on or before May 1, 1991.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION
WILLIAM J. LEMAY, Director

SEAL

Published in the Lovington Leader May 1, 1991.

Affidavit of Publication

No. 13521

STATE OF NEW MEXICO,

County of Eddy:

Gary D. Scott being duly sworn, says: That he is the Publisher of The Artesia Daily Press, a daily newspaper of general circulation, published in English at Artesia, said county and state, and that the hereto attached Legal Notice

was published in a regular and entire issue of the said Artesia Daily Press, a daily newspaper duly qualified for that purpose within the meaning of Chapter 167 of the 1937 Session Laws of

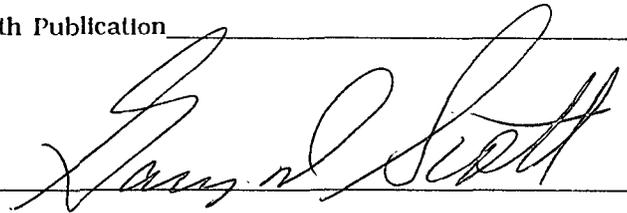
the state of New Mexico for 1 consecutive weeks on the same day as follows:

First Publication May 1, 1991

Second Publication _____

Third Publication _____

Fourth Publication _____



Subscribed and sworn to before me this 6th day of May 19 91

Barbara Ann Beans
Notary Public, Eddy County, New Mexico

My Commission expires September 23, 1991

LEGAL NOTICE

NOTICE OF PUBLICATION
STATE OF NEW MEXICO
ENERGY, MINERALS AND
NATURAL RESOURCES
DEPARTMENT
OIL CONSERVATION
DIVISION

Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations, the following discharge plan

interested person. Requests for public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines there is significant public interest.

If no public hearing is held, the Director will approve or disapprove the proposed plan based on information available. If a public hearing is held, the Director will approve or disapprove the proposed plan based on information in the plan and information submitted at the hearing.

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 24th day of April, 1991. To be published on or before May 1, 1991.

STATE OF NEW MEXICO
OIL CONSERVATION
DIVISION

s-William J. LeMay
WILLIAM J. LEMAY,
Director

SEAL
Published in the Artesia Daily Press, Artesia, N.M. May 1, 1991.

Legal 13521

Copy of Publication

renewal, modification and amendment applications have been submitted to the Director of the Oil Conservation Division, State Land Office Building, P.O. Box 2088, Santa Fe, New Mexico 87504-2088, Telephone (505) 827-5800:

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(BW-4) - Wasserhund Incorporated, J.E. Hasseloff, President, P.O. Box 249, Lovington, New Mexico, 88260, has submitted a renewal application for the previously approved discharge plan application for their insitu extraction brine well facility. The brine station is located in the SW/4, SW/4, Section 31, Township 16 South, Range 35 East, NMPM, Lea County, New Mexico. Fresh water is injected to an approximate depth of 2000 feet and brine is extracted with an average Total Dissolved Solids content of 300,000 mg/l. Groundwater most likely to be affected by any accidental discharge is at

a depth of approximately 120 feet and has a total dissolved solids content of about 500 mg/l. The discharge plan addresses how spills, leaks and other accidental discharges to the surface will be managed.

(BW-1) - Conoco, Inc., Jerry W. Hoover, Regulatory Coordinator, 10 Desta Drive West Midland, Texas 79705-4514, has submitted a discharge plan modification application for the previously approved discharge plan application for its Warren McKee brine extraction located in the SW/4, NW/4, Section 2, Township 20 South, Range 38 East, NMPM, Lea County, New Mexico. The proposed modification is that the Warren McKee Brine Well No. 1, which has been temporarily abandoned for the past year be returned to active status. Currently, the Warren McKee Brine Well No. 2 is the only active well and is supplying all of the brine used in the Warren McKee Waterflood. The proposed modification allows for the two wells to be operated either alternately or simultaneously in order to optimize brine production and minimize shut down time of the waterflood. Groundwater most likely to be affected by any accidental discharge to the surface is at a depth of 70 to 145 feet with a total dissolved solids concentration of 1150 mg/l. The discharge plan addresses how spills, leaks and other accidental discharges to the surface will be managed.

Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan application may be viewed at the above address between 8:00 a.m. and 5:00 p.m., Monday through Friday. Prior to ruling on any proposed discharge plan or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and public hearing may be requested by any

NOTICE OF PUBLICATION

STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

Notice is hereby given that pursuant to New Mexico Water Quality Control Commission Regulations, the following discharge plan renewal, modification and amendment applications have been submitted to the Director of the Oil Conservation Division, State Land Office Building, P. O. Box 2088, Santa Fe, New Mexico 87504-2088, Telephone (505) 827-5800:

(GW-69) - Continental Natural Gas, Inc., Terry Spencer, P. O. Box 21470, Tulsa, Oklahoma 74121, has amended the previously advertised discharge plan application for its proposed Eddy County Gas Processing Plant. The amendment changes the location from the NW/4 NE/4, Section 15, Township 23 South, Range 28 East, NM/PM, Eddy County, New Mexico to the NW/4 SE/4 Section 10, Township 23 South, Range 28 East, NM/PM, Eddy County, New Mexico. Approximately 460 gallons per day of process wastewater will be collected and stored in above ground steel tanks prior to disposal in an OCD permitted offsite commercial disposal facility. The total dissolved solids concentration of the wastewater will not be known until the plant begins operation. Groundwater most likely to be affected by any spill, leak or other accidental discharge to the surface is at a depth of approximately 30 feet with a total dissolved solids concentration of approximately 5000 mg/l. The discharge plan addresses how spills, leaks and other accidental discharges to the surface will be managed.

(BW-4) - Wasserhund Incorporated, J. E. Hasseloff, President, P. O. Box 249, Lovington, New Mexico, 88260, has submitted a renewal application for the previously approved discharge plan application for their insitu extraction brine well facility. The brine station is located in the SW/4, SW/4, Section 31, Township 16 South, Range 35 East, NM/PM, Lea County, New Mexico. Fresh water is injected to an approximate depth of 2000 feet and brine is extracted with an average Total Dissolved Solids content of 300,000 mg/l. Groundwater most likely to be affected by any accidental discharge is at a depth of approximately 120 feet and has a total dissolved solids content of about 500 mg/l. The discharge plan addresses how spills, leaks and other accidental discharges to the surface will be managed.

(BW-1) - Conoco, Inc., Jerry W. Hoover, Regulatory Coordinator, 10 Desta Drive West, Midland, Texas 79705-4514, has submitted a discharge plan modification application for the previously approved discharge plan application for its Warren McKee brine extraction located in the SW/4, NW/4, Section 2, Township 20 South, Range 38 East, NMPM, Lea County, New Mexico. The proposed modification is that the Warren McKee Brine Well No. 1, which has been temporarily abandoned for the past year, be returned to active status. Currently, the Warren McKee Brine Well No. 2 is the only active well and is supplying all of the brine used in the Warren McKee Waterflood. The proposed modification allows for the two wells to be operated either alternately or simultaneously in order to optimize brine production and minimize shut down time of the waterflood. Groundwater most likely to be affected by any accidental discharge to the surface is at a depth of 70 to 145 feet with a total dissolved solids concentration of 1150 mg/l. The discharge plan addresses how spills, leaks and other accidental discharges to the surface will be managed.

Any interested person may obtain further information from the Oil Conservation Division and may submit written comments to the Director of the Oil Conservation Division at the address given above. The discharge plan application may be viewed at the above address between 8:00 a.m. and 5:00 p.m., Monday through Friday. Prior to ruling on any proposed discharge plan or its modification, the Director of the Oil Conservation Division shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted to him and public hearing may be requested by any interested person. Requests for public hearing shall set forth the reasons why a hearing should be held. A hearing will be held if the Director determines there is significant public interest.

If no public hearing is held, the Director will approve or disapprove the proposed plan based on information available. If a public hearing is held, the Director will approve or disapprove the proposed plan based on information in the plan and information submitted at the hearing.

GIVEN under the Seal of New Mexico Oil Conservation Commission at Santa Fe, New Mexico, on this 24th day of April, 1991. To be published on or before May 1, 1991.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION


WILLIAM J. LEMAY, Director

S E A L

CONOCO - WARREN MCKEE - CHRONOLOGY

- 2-26-78 Warren McKee No 1 Well TD (2400')
- 7-78 First record of produced brine
- 9-30-82 Conoco submits original DP to OCD
- 10-8-82 OCD reply, requesting additional info
- 11-11-82 Conoco's submits additional info requested
- 12-18-82 OCD original approval of DP GWB-3
- 2-9-84 EID informs Conoco of transfer of authority; new Part 5 DP-318
- 11-20-85 EID letter stating concern over FA & collapse
- 1-10-86 Conoco's response to EID's 2 concerns[↑]
- 1-24-86 EID's response to Conoco's letter
- 2-25-87 EID request DP-318[Ⓢ] renewal application
- 6-12-87 Conoco submits DP renewal application
- 11-24-87 EID's response to Conoco's DP renewal - asks for add^l info.
- 12-18-87 DP-318 expires
- 5-26-88 Conoco's response w/ requested info.
- 7-26-88 EID's 2nd request for add^l info. for DP renewal
- 10-18-88 EID resends their 7-26-88 letter (Conoco never received)
- 1-16-89 Conoco's response to EID's 2nd request
- 2-27-89 Conoco submits DP modification for DP-318 (dnll 2nd reqst to EID)
- 4-10-89 EID approves Conoco's DP-318 renewal (exp. 4-10-74)
- 10-4-89 Conoco submits DP modification for DP-318 (dnll 2nd reqst to OCD)
- ↓ 10-17-89 OCD approves DP modification
- 4-11-91 Conoco submits DP modification to use both wells (DP-318 to BW-1)

4-91
KMB

WARREN McKee BRINE STATION - CONOCO

SW/4 SW/4 NW/4 Sec 2, T20S, R38E, Lea County

Mark Mosley - Division Manager

Jerry Hoover - Regulatory Coordinator

\$50,000 blanket plugging bond

Procedures

- 1) Circ. 1250 to 1650 bbl water purchased from City of Hobbs.
Brine produced 267,320 ppm TDS (10-8-79)
Brine used for Conoco's Warren McKee Waterflood
- Fresh water taken from 10,000 bbl fresh water tank (on site) to well, brine produced, piped to 750 bbl mixing tank where mixed with fresh water for appropriate mixture and then piped to waterflood 4 mi to SW via underground fiberglass pipelines w/ plastic coated connections

Hydro

- GW is located @ 90' to 145' w/ a TDS of 1,150 mg/l
- Water well 1/2 mi North = 105' TD Ogallala aquifer TDS = 1112 mg/l

WARREN McKEE Brine Well

Date Spudded: 1-20-78

Date Completed: 2-26-78

Elev: 3580.9' G.L.

TD: 2400'

Location: 710' FSL & 420' FWL

RBM: 11' AGL

Sec. 2, T-20S, R-38E
Lea County, New Mexico
SW/4 SW/4 NW/4
Unit M

0' - 40' Caliche & sfc. Rock
 40' - 150' Surface Rock
 150' - 1560' Redbed
 1560' - 1650' Anhydrite
 1650' - 2400' Salt, Anhydrite

40' Caliche
 Surface Rock - SS

Red Bed

← 13 3/8" 48# H-40 stc. CS9 @ 250'
 Cmt. w/ 250 sx. Circ.

← 3.5" 9.30# J-55 EUE Tubing @ 2168'

← 9 5/8" 36# H-40 CS9 @ 1456'
 Cmt. w/ 721 sx. Circ.

← SALADO SALT - open hole section (8 3/4")

2168'

TD 2400'

Completion Report
 7 1456-2400
 Salado Salt

1560' Rustler Anhydrite
 1650'

Salado
 Salt &
 Anhydrite

2750' _____
 from 2 other wells

To *Kathy*

Date *4/16/91*

I still do not find a copy of the original DP-318. I would greatly appreciate getting a copy from you. Thank you.

Jerry Hoover

Midland Division



Safety Leadership 1991

OIL CONSERVATION DIVISION
RECEIVED
91 APR 16 AM 8 39



OIL CONSERVATION DIVISION

Midland Division
Exploration and Production

RECEIVED

Conoco Inc.
10 Desta Drive West
Midland, TX 79705-4514
(915) 686-5400

'91 APR 16 AM 8 59

April 11, 1991

Ms. Kathy Brown
Oil Conservation Division
P.O. Box 2088
Santa Fe, NM 87501-2088

Dear Ms. Brown:

MODIFICATION OF DISCHARGE PLAN, DP-318 FOR
WARREN MCKEE BRINE WELLS AND FACILITY

It is requested that the Warren McKee Brine Well No. 1, which has been temporarily abandoned for the past year be returned to active status and that either or both of the following operational plans be approved for operation of the Brine Well Nos. 1 and 2:

1. These two wells may be operated alternately to prevent the need for shutting in the Warren McKee Waterflood when the other brine well must be worked on.
2. These two wells may be operated simultaneously with each well circulating a smaller volume of water to minimize the cave-in problems that both have experienced.

Although the Warren McKee Brine Well No. 1 was a mechanically sound wellbore, it became costly to operate due to increasingly frequent cave-ins which caused parted tubing and temporarily halted waterflood operations while it was being repaired.

In January 1990, a replacement well, the Warren McKee Brine Well No. 2 was drilled as a replacement wellbore. Following its completion, the No. 1 well was temporarily abandoned in February 1990. A RBP was set at 1405', packer fluid circulated, and a casing integrity pressure test conducted.

Since its completion, the No. 2 well has experienced the same periodic shut-downs due to minor cave-ins that the No. 1 well had. These cave-ins cause parted tubing and require that the Warren McKee Waterflood be shut-in until the brine well can be repaired.

The uninterrupted injection of fluid into the Warren McKee Waterflood is critical to the efficient and prudent recovery of secondary oil reserves. The proposed changes in our operational plan should not only result in efficient oil recovery but could also result in less well repair in the brine wells.

As per our phone conversation of 4/11/98, we are proceeding with plans to reactivate well NO. 1. When that procedure is written and reported to the Hobbs OCD Office, a copy will be sent to your office. Thank you for your help in this matter.

Very truly yours,

Jerry W. Hoover
Regulatory Coordinator

JWH/tm

IMPORTANT MESSAGE

FOR Kathy

DATE _____ TIME _____ A.M.
P.M.

M. Jerry Hoover

OF _____

PHONE (915) 686 6548

AREA CODE

NUMBER

EXTENSION

TELEPHONED	<input checked="" type="checkbox"/>	PLEASE CALL	<input type="checkbox"/>
CAME TO SEE YOU	<input type="checkbox"/>	WILL CALL AGAIN	<input type="checkbox"/>
WANTS TO SEE YOU	<input type="checkbox"/>	RUSH	<input type="checkbox"/>
RETURNED YOUR CALL	<input type="checkbox"/>	SPECIAL ATTENTION	<input type="checkbox"/>

MESSAGE _____

Re: Warren McKee
Brine DP-318

SIGNED _____

LITHO IN U.S.A.

Drilled 2nd Brine Well.
Sloughing down hole

Jerry Hoover 4-11-91
Want to reopen Well #1
(TA#)

{ Warren McKee being water flooded
Hobbs city water, circulate, saturate, }

Using City of Hobbs water to inject into in situ
brine wells & produce brine to use for water flood.
Not being sold or used commercially.

Want to restart Well #1 which was TA# because
there was sloughing down hole which forced
Conoco to drill Well #2. Having problems
now (also sloughing) with Well #2. Want to
get both wells in working order and use
both wells ~~at~~ simultaneously. Need to
modify their discharge plan to allow for
re-operating Well #1. Will send a letter
to this effect (4-15-91 talked to [?], had already sent).

Well #2 is currently being used, but periodically
have to shut down for several days to
workover.



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

GARREY CARRUTHERS
GOVERNOR

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87504
(505) 827-5800

November 19, 1990

CERTIFIED MAIL -
RETURN RECEIPT NO. P-327-278-303

Mr. R. D. Kiker
CONOCO, INC.
10 Desta Drive West
Midland, Texas 79705-4514

RE: DISCHARGE PLAN DP-318
WARREN MCKEE BRINE FACILITY
LEA COUNTY, NEW MEXICO

Dear Mr. Kiker:

The Oil Conservation Division (OCD) has received your request, dated November 12, 1990, to dispose of any bottoms encountered from the cleaning of two 750 BBL brine storage tanks at an approved oilfield disposal facility.

Based on the information and analysis results contained in your request, the tank bottoms would not be classified as a "Hazardous Waste" as defined by the Resource Conservation and Recovery Act. The tank bottoms recovered during the cleaning operation may be disposed of at an OCD approved oilfield disposal facility.

If you have any questions, please call me at (505) 827-5884.

Sincerely,

Roger C. Anderson
Environmental Engineer

RCA/sl

cc: Hobbs District Office



Midland Division
Exploration and Production

OIL CONSERVATION DIVISION
RECEIVED

Conoco Inc.
10 Desta Drive West
Midland, TX 79705-4514
(915) 686-5400

'90 NOV 16 AM 9 08

November 12, 1990

Mr. Roger Anderson
State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division
Post Office Box 2088
State Land Office Building
Santa Fe, New Mexico 87504

Dear Mr. Anderson:

Mr. Jim Dosch of this office spoke with you on November 2, 1990, concerning the planned cleaning of two brine production well storage tanks. The brine water has been commingled with treated sewage effluent prior to entering the tanks. The discussion focused on the need to certify that any bottoms removed from the tanks would not be considered hazardous waste per the Resource Conservation and Recovery Act.

A water sample was taken from a 750 BBL tank at the Warren McKee Water Storage (Brine Facility) and from a 750 BBL tank from the Warren McKee Waterflood Station on November 5, 1990. The samples were taken from the top of the tanks with a thieving instrument. The samples taken did not reveal bottom sediments so water samples were obtained.

Enclosed are the sample analysis results for your review. Please note that in both samples the results were less than .005 mg/l for BTEX.

Please forward a letter to Conoco certifying that any bottoms encountered during the cleaning of the two 750 BBL tanks would be considered non-hazardous waste.

Please contact Jim Dosch at (915) 686-5492, if you should have any questions.

Sincerely,

R. D. Kiker
Safety, Environmental, Regulatory
and Training Manager

JTD\078\tn

cc: BDM, FEP
C. R. Paschal - Hobbs



SOUTHWESTERN LABORATORIES

Materials, environmental and geotechnical engineering, nondestructive, metallurgical and analytical services
1703 West Industrial Avenue • P.O. Box 2150 • Midland, Texas 79702

Report of tests on Water
Client Conoco, Inc.
Delivered by Jim Dosch

File No. 6152975
Report No. 69225
Report Date 11-8-90
Date Received 11-5-90

Identification Warren McKee Water Storage (750 bbl) @ 12:00 pm, Sampled
by Client

REPORT OF ORGANICS ANALYSIS

Date of Analysis 11-9-90
Analyst J. Barnett

Method: SW846,5030/8020

<u>Compound</u>	<u>mg/L</u>
Benzene	*0.005
Toluene	*0.005
Ethyl Benzene	*0.005
Total Xylenes	*0.005

*Denotes "less than"

Copies: Conoco, Inc.
Attn: Jim Dosch



Reviewed by



SOUTHWESTERN LABORATORIES



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
RECEIVED

OIL CONSERVATION DIVISION

HOBBS DISTRICT OFFICE
90 JAN 30 AM 10 29

GARREY CARRUTHERS
GOVERNOR

January 26, 1990

POST OFFICE BOX 1980
HOBBS, NEW MEXICO 88241-1980
(505) 393-6161

Conoco Inc.
Box 460
Hobbs, NM 88240

Attn: Hugh Ingram

Re: Warren McKee Brine Well #1
Sec. 2, T20S, R38E

Gentlemen:

Your request to leave the Warren McKee Brine Well #1 shut in with the well to be used as a backup supply well for the #2 well is hereby granted.

This approval is subject to the proper TA of the #1 well with a retrievable bridge plug at approximately 1400 feet and the annulus loaded with packer fluid.

Very truly yours,

OIL CONSERVATION DIVISION

Jerry Sexton
Supervisor, District I

ed

cc: Dave Boyer - OCD Santa Fe

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Artesia, NM 87410

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL API NO.
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. B-9652

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" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:
 OIL WELL GAS WELL OTHER Brine Extraction

7. Lease Name or Unit Agreement Name
Warren McKee

2. Name of Operator
Conoco Inc.

8. Well No. #1

3. Address of Operator
P.O. Box 460 - Hobbs, NM 88240

9. Pool name or Wildcat
Warren McKee

4. Well Location
 Unit Letter M : 710 Feet From The South Line and 420 Feet From The West Line
 Section 2 Township 205 Range 38E NMPM Lea County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>		CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: <input type="checkbox"/>		OTHER: <u>Temporarily Abandon</u> <input checked="" type="checkbox"/>	

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

2/15/90 POOH w/tyg. Set RBP @ 1405. Test casing to 500' for 15 minutes. Hold. Circulate wellbore w/150 Bbl packer fluid. Spot 2 sts sand on RBP. Top well off w/pkr fluid. Chart and wellbore diagram attached.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE [Signature] TITLE Conservation Coordinator DATE 3/2/90

TYPE OR PRINT NAME HA Ingram TELEPHONE NO. 397-5800

(This space for State Use)
 ORIGINAL SIGNED BY JERRY SEXTON
 DISTRICT I SUPERVISOR

APPROVED BY _____ TITLE _____ DATE _____

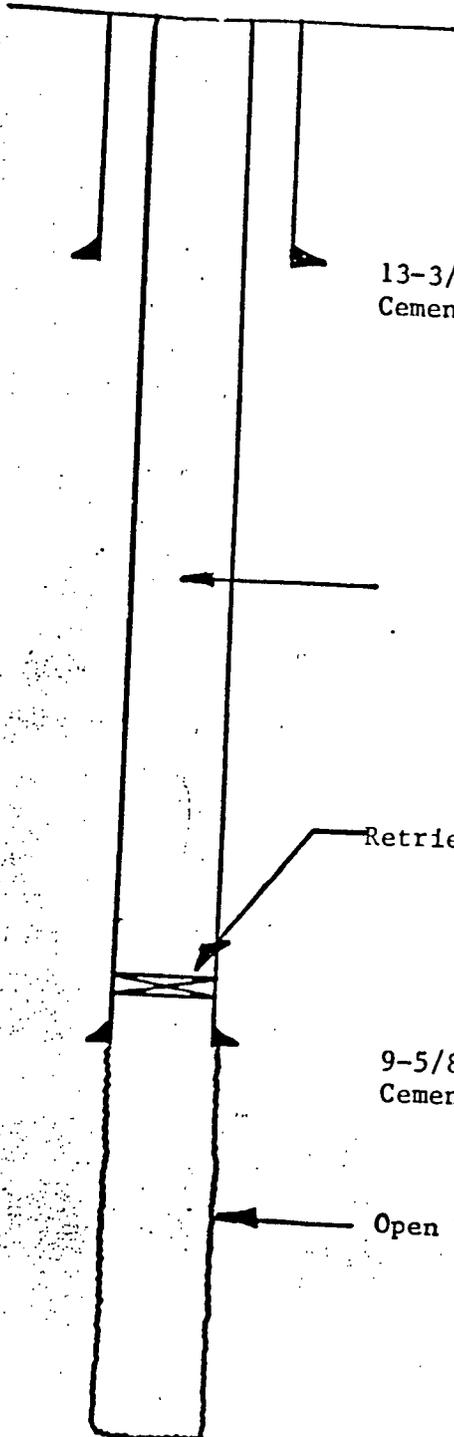
MAR 16 1990

CONDITIONS OF APPROVAL, IF ANY:

TA expires 3-1-91

Conoco, Inc.
Warren McKee Brine Well No. 1
710' FSL & 420' FWL, Section 2,
T-20S, R-38E, Lea County, NM

"Actual TSI Wellbore Diagram"



13-3/8", 48 lb/ft, H-40 casing @ 250'
Cemented w/ 250 sx. (circulated to surface)

Packer fluid
to surface

Conoco Packer Fluid No. 1-10 gal/100 bbl KCL
(inhibitor-bacteriacide-oxygen scavenger)
Conoco Packer Fluid No. 2 5 gal/100 bbl KCL
(potassium hydroxide)

Retrievable Bridge Plug @ 1405 w/ 2 sx3 sand

9-5/8", 36 lb/ft, H-40 casing @ 1456'
Cemented w/ 496 sx. (circulated to surface)

Open Hole

TD @ 2400' (PBSD @ 2340')

2/20/90 *DMF*



THE REPRODUCTION OF

THE

FOLLOWING

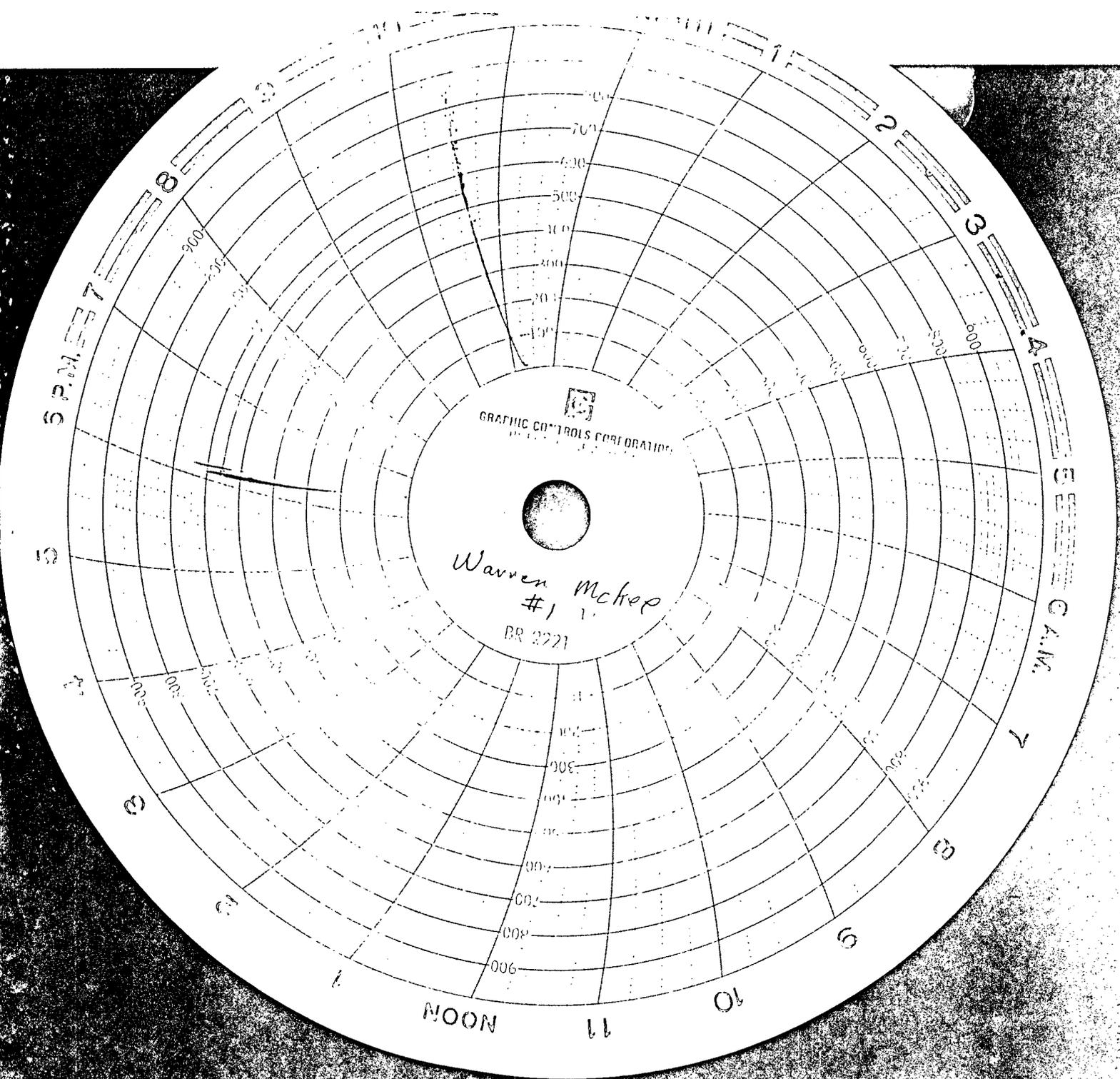
DOCUMENT (S)

CANNOT BE IMPROVED

DUE TO

THE CONDITION OF

THE ORIGINAL



GRAPHIC CONTROLS CORPORATION

Warren McKee
#1
BR 2221

1

Memo

From

JERRY SEXTON
District Supervisor

January 24, 1990

To Dave Boyer

I am enclosing the cement bond log on the Conoco Inc. Warren McKee Brine Well No. 2 located in Unit N of Section 2, Township 20 South, Range 38 East.

I have checked it and I feel the bonding is satisfactory.

I am assuming that you will keep this log as a permanent part of the record for this well.

'90 JAN 25 AM 9 53

NM OIL CONSERVATION DEPT

WELL LOG # Warren McKee Brine Well #2

REMOVED FROM FILE

BW001 . **BOX**

NUMBER 30

RETURNED TO CUSTOMER