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# GENERAL CORRESPONDENCE

# YEAR(S): CLOSEO

# 2002-1990

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

November 12, 2002

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

Attn: Mr. Wayne Price

(915) 686-5480 RECEIVED NOV 2 1 2002 Environmental Bureau Oil Conservation Division

10 Desta Drive, Suite 100W Midland, TX 79705-4500

conoc

Conoco Inc.

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.

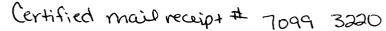
Old Exxon site located between Conoco sites - No action by Conoco. The entrance to wells 2 & 4 was left for City and ranch use as requested.

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

Sincerely,

anne

Suzanne P. Holland, P. E.



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2984 7557

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

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Return Receipt # 7099 3220 0005 75572847

conoc

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,

uzanne P. Holland

Suzanne P. Holland, P. E.

cc: Hobbs Field Office Environmental File 03/23/02 SAT 09:24 FAX 915 5509228

Gatson Inc.

C Mobile Analyzical Laboratories

LABORATORIES IN ODES: A, GIDDINGS & STACY DAM WEST UNIVERSITY A D WESTOVER STREET P.O. B 69210 ODESSA, TE 8 79769-0210 PHONE (5 3) 337-4744 FAX (91 337-8781

MR. LEO GATSON CONOCO, INC. 1410 W. CO RD HOBBS, NEW MEXICO 88240 MARCH 13, 2002

DEAR MR. GATSON:

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

	ICKEE BRINE 03/11/02	CH <b>LORIDES</b> mg/Kg OF SAMPLE
LAB NO. WELL #1		2920
LAB NO. WELL #2	343:	1510
LAB NO. WELL #3		8319
LAB NO. WELL #4	345:	2389

METHOD: AGRICULTURE HANDBOOK N 60 - CHAPTER 6 SEC 3C CHLORIDES: SMWW 407-C. SAMPLE MIXED 50:50, SO WITH DISTILLED WATER.

WE APPRECIATE THE OPPORTUNITY O 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. 2 STEPHEN REID SR/md

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CONOCO

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

RECEIVED AIIG 1 3 2002 ERVINONMENTER BURGEL Oll Cohesting Himiston

#### 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.

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

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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,

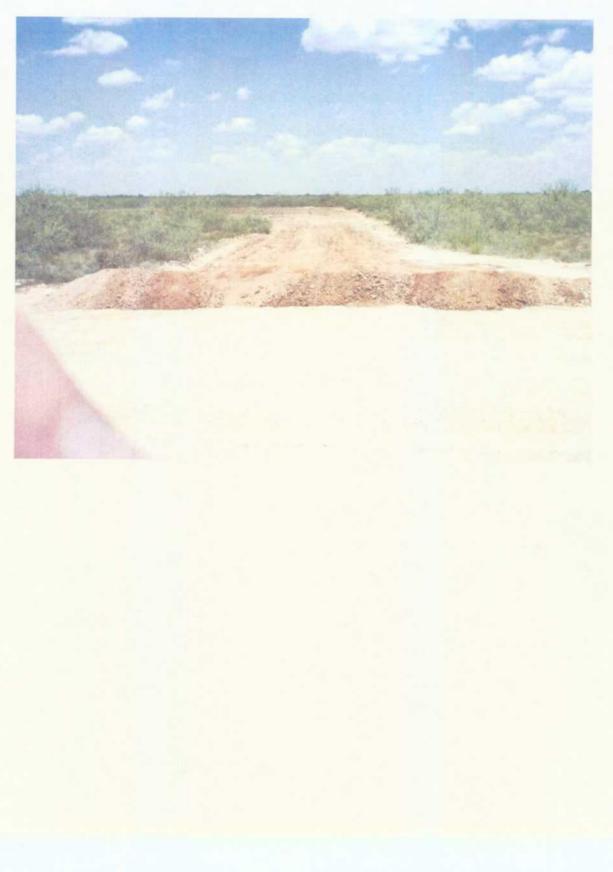
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Suzanne P. Holland, P. E.

cc: Hobbs Field Office Environmental File

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# Warren McKee #1 After







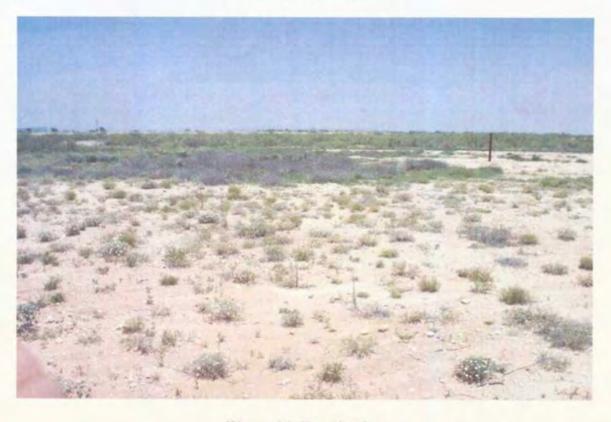
Warren McKee #2 After



# Warren McKee #2 Before



## Warren McKee #3 Before



# Warren McKee #3 After





## Warren McKee #4 After -1



Warren McKee #4 –2



Warren McKee #4 Before



Warren McKee #4 Before



03/23/02 SAT 09:24 FAX 915 5509228

Gatson Inc.



LABORATORIES IN ODES: A, GIDDINGS & STACY DAM WEST UNIVERSITY A: D WESTOVER STREET P.O. B: 0 69210 ODESSA, TE 35 79769-0210 PHONE (S: 0) 337-4744 FAX (91: 0 337-8781 MARCH 13, 2002

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

DEAR MR. GATSON:

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

<b>SAMPLES</b> WARREN MCKEE BRINE SAMPLED 03/11/02	ିH <b>LORIDES</b> mg/Kg ାନ 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 N 60 - CHAPTER 6 SEC 3C CHLORIDES: SMWW 407-C. SAMPLE MIXED 50:50, SO WITH DISTILLED WATER.

WE APPRECIATE THE OPPORTUNITY O 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 y, Minerals and Natural Resources D		r.	Form C-) Revised 1
DISTRICT I P.O. Box 1980, Hobbs, NM	III OIL	CONSERVATION DIV P.O. Box 2088		WELL API NO. 30-025-25	836
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DISTRICT III 1000 Rio Brzzes Rd., Artec,	NBA 87410			6. Sinte Oil & Gat Lenes No. B-9652	
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		SIGNATURE BILL	sr. REGULAT	DATE 915-686-5424 TELEPHONE NO.
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	. 1984 - Anna an Anna a' Anna a	CURRENTENSOF AFROVAL, F ANT:		- Doan

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+Submit 3 Copies to Appropriate District Office		ate of New Mexico and Natural Lesources Dep	nt	Form C 103 Revised 1-1-89
<u>DISTRICT</u> 1 P.O. Box 1980, Hobbs, NM S8240		ERVATION DIVISION P.O. Box 2088	WELL API NO.	-025-32745
P.O. Drawer DD, Artesia, NM 882	Santa Fe, 1	New Mexico 87504-2088	5. Indicate Type of L	case K
DISTRICT TIL 1000 Rio Brazos Rd., Aztec, NM 8	37410		6. State Oil & Gas Le	
( DO NOT USE THIS FORM FO	NOTICES AND REPOR DR PROPOSALS TO DRILL O RESERVOIR. USE •APPLIC DRM C-101) FOR SUCH PRO	OR TO DEEPEN OR PLUG BACK TO ATION FOR PERMIT	A 7. Lease Name or Uni	2 ////////////////////////////////
1. Type of Well: Oli Gas Well We		HER Brine Well	Warren	McKee Brine
2. Name of Operator Conoco			8. Well No.	3
3. Address of Operator 10 Desta Dr. Ste 100W, M		0	9. Pool name or Wild BS	
4. Well Location	220	South time and	420	
Unit Letter	330 Feet From The	South Line and	420 Feet From The	e West Li
Section 2		20S Range 38E		Lea County
	//////////////////////////////////////	a (Show whether DF, RKB. RT, GR, ctc.)	//	///////////////////////////////////////
		to Indicate Nature of Notice	, Report, or Other D	ata
NOTICE OF	F INTENTION TO:	SU	JBSEQUENT REP	ORT OF:
PERFORM REMEDIAL WORK		NDON . REMEDIAL WORK		
	CHANGE PLANS		ING OPNS.	IG AND ABANDONMENT
PULL OR ALTER CASING		CASING TEST AND	CEMENT JOB	
OTHER:			· · · · · · · · · · · · · · · · · · ·	`[
12. Describe Proposed or Comple work)SEE RULE 1103.	eted Operations (Clearly state al	l pertinent details, and give pertinent dates,	, including estimated data of st	irling any proposed
This well was plugged and aba	andoned 1/24/00, per the at	ttached documentation from Pool	Сотрапу.	
	- -		<u>.</u>	
12. I hereby certify the dife information a	boye is true and complete to the best of		gulatory Assistant	03/22/00
SIGNATURE	MILLACES	TITLE DI. DIAIT NO	Brand Toppelli	DATE03/22/00
TYPE OR PRINT NAME RCCSa R. V	Vilkes			TELEPHONE NO. 915/686-55
(this space for State Use)	> 1		1	
tanna ton	Juli	TITLE Fed. R	and .	DATE 5- 11-00
CONITIONS OF APPROVAL, IF ANY:			/	

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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 Der	ent Form C 103 - Revised 1-1-89
DISTRICT I P.O. Box 1980, Hobbs, NM S8240	OIL CONSERVATION DIVISIO P.O. Box 2088	WELL API NO.
P.O. Drawer DD, Artesia, NM 88210	Santa Fe, New Mexico 87504-2088	30-025-32746 5. Indicate Type of Lease
DISTRICT T11 1000 Rio Brazos Rd., Aztec, NM 87410		STATE FEE
· ·	·	<u>B-9652</u>
( DO NOT USE THIS FORM FOR PR DIFFERENT RES	TICES AND REPORTS ON WELLS ROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO ERVOIR. USE •APPLICATION FOR PERMIT C-101) FOR SUCH PROPOSALS.)	OA 7. Lease Name or Unit Agreement Name
1. Type of Well:	 ۲	
2. Name of Operator	OTHER Brine Well	8. Well No.
Conoco Inc.		4
3. Address of Operator 10 Desta Dr. Ste 100W, Midla	and Ty 70705.4500	9. Pool name or Wildcat
4. Well Location		BSW: Salado
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. Elevauon (Show whether DP, RKB. RT, GR, ctc.	
11. Check	Appropriate Box to Indicate Nature of Notic	e, Report, or Other Data
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	CHANGE PLANS	LING OPNS.
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OTHER:	OTHER	
12. Describe Proposed or Completed C work)SEE RULE 1103.	Operations (Clearly state all pertinent details, and give pertinent date	ss, including estimated date of starting any proposed
This well was plugged and abandon	ned 1/26/00, per the attached documentation from Poo	ol Company.

12. I hereby certify that the information above is true and complete to the best of my knowledge and SIGNATURE	belief. Sr. Staff Regulatory Assistant	DATE03/22/00
TYPE OR PRINT NAME Reesa R. Wilkes		TELEPHONE NO. 915/686-5580
(this space for State Use)	fed. Les.	- DATE 5-11-00 -
CONTIONS OF APPROVAL IF ANY:		

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

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March 22, 2002

ONOFOUNTION DIV

VIL UUNUU

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

Conoco Inc. 02 APR 23 PH 1: 2 10 Desta Drive, Suite 100W Midland, TX 79705-4500 (915) 686-5480

> Gool PERBROK 01 TX 79762

> > 3 . P. Hollo C-P. con

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 - (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 seedmix.

915-368-1368

# 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,

wanne P. Holland

Suzanne P. Holland, P. E.

Hobbs Field Office cc: **Environmental File** 

Return Receipt # 7099 3220 0005 7557 2854

to Appropriate District Office	<b>D</b> inergy, N	State of New Mexico Amerals and Natural Resources Depa		Form C-103 Rovins 1-1-29
DISTRICT I P.O. Box 1980, Hothe, NM R		CONSERVATION DIVIS P.O. Box 2088	WELL API NO.	025-25836
DISTRICT II P.O. Drawer DD, Artonia, NM	\$\$210 Sat	nna Fe, New Mexico 87504-2088	5. Indicate Type of I	
DISTRICT III 1000 Rio Brzzes Rd., Azzac, N	ME 87410		6. Sum Oil & Gen I B-9652	
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1. Type of Well: Off. Will.		OTHER BRINE EXTRACTION	WARREN MCKE	E BRINE
2. Name of Openator CONOCO_INC	. <005073>		8. Well No.	1
3. Address of Operator . 10 Desta D		N, Midland, TX 79705	9. Poot name or Wik BSW: SALADO	
4. Well Location Unit LotterM	. 710 Feet Pro	The SOUTH Lise and	420 Feet From T	WEST
Section 2	Townshi	<u>20 S</u> Rames 38	E National T	JEA Cor
		D. Electrica (Show whether DF, RKB, RT, GR, GR 3581	ac.)	
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Submit 3 Copies to Accortante	State of New Mexic Energy, Minerais and Natural Reso		Form C-103
lo Appropriate District Office DISTRICT I	OIL CONSERVATION		Reviné 1-1-89
P.Q. Box 1980, Hobbs, NM 88240	P.O. Box 2088 Santa Fe, New Mexico 87		Well API NO 30-025-30707
O. Drawer DD, Antonia, NM \$2210			S. Indicate Type of Lease
000 Rio Brazos Rd., Aziec, NM 87410			6. State Oil & Ges Lesse No. B-9652
( DO NOT USE THIS FORM FOR PR DIFFERENT RESE (FORM (	ICES AND REPORTS ON WELLS IOPOSALS TO DRILL OR TO DEEPEN OR AVOIR. USE "APPLICATION FOR PERME >101) FOR SUCH PROPOSALS.)	PLUG BACK TO A	7. Laase Name or Unit Agreement Name
Type of Well: Off GAS WEL	BRINE EX	TRACTION	WARREN MCKEE BRINE
Name of Operator CONOCO INC. <0	05073>		8. Well No. ··· 2
Address of Operator	Ste 100 W, Midland, TX 79	705	9. Pool ansas or Wildow BSW: SALADO
NOTICE OF IN FORM REMEDIAL WORK		ure of Notice, Re	
HER: Describe Proposed or Completed Open work) SEE RULE 1103.	Clearly sale all persistent details, and giv 7" CIBP SSET @ 1550 <sup>-</sup> , CI PUH TO 470 <sup>-</sup> SPOT 25 SX C DT 15 SX CEMENT FROM 60 <sup>-</sup> T		ing estimated date of starting any proposed
3-14-95 MIRU. GIH W, FROM 1550 TO 1340 . TAG PLUG @ 320 . SPO MARKER. 3-€5-95 RDMO. WELL :	Control of the base of my boowledge and ballef.	RCULATE MUD. EMENT, PUH. O SURFACE. C	SPOT 35 SX CEMENT UT OFF WELLHEAD AND INSTALL P&
HER: Describe Proposed or Completed Opera- work) SEE RULE 1103. 3-14-95 MIRU. GIH W. FROM 1550° TO 1340°. TAG PLUG @ 320°. SPO MARKER. 3-€5-95 RDMO. WELL 3-€5-95 RDMO. WELL Comby couly that the information shows in true MARKER.	Control of the base of my boowledge and ballef.	RCULATE MUD. EMENT, PUH. O SURFACE. C	ORY SPEC. ORY SPEC. DATE 0 4-12-95 915-686-5424 TELEPHONE NO.
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Daniel Ottek       OIL CONSERVATION DIVISION         P.O. Box 2088       Santa Fe, New Mexico 87504-2088         P.O. Dever DD, Atsaia, NM 8210       Santa Fe, New Mexico 87504-2088         INDUCT DIAL       Santa Fe, New Mexico 87504-2088         SUDDRY NOTICES AND REPORTS ON MELLS       Stata Oil a Gas Lease Ne.         INDUCT DIAL       SUNDRY NOTICES AND REPORTS ON MELLS         I DO NOT USE THE TORMAT RESERVORT, USE APPLICATION FOR PERMIT       B-9652         I DO NOT USE THE SERVORT, USE APPLICATION FOR PERMIT       Warren McKee Brind         Difference       Ornex Brine Well       Warren McKee Brind         I. Type of Well:       Stata Oil a Gas Lease Ne.       B-9652         S. Madress of Operator       Ornex Brine Well       Warren McKee Brind         I. Type of Well:       Stata Oil a Gas Lease Ne.       B-9652         Section       Conoco Inc.       3       Stata Oil a Gas Lease Ne.         Address of Operator       Ornex Brine Well       Warren McKee Brind       BSW: Salado         Uwil Lease       Marren McKee Brind       BSW: Salado       BSW: Salado         Uwil Lease       Marren McKee Brind       Section       Section       Section       Section         Uwil Lease       Marren McKee Appropriate Box to Indicate Nature of Notice, Report, or Other Data       NOTICE OF INTENTIO	to Appropriate				
P.O. Box 2088       P.O. Box 2088         Santa Fe, New Mexico 87504-2088       30-025-32745         S. Dawer DD, Atteia, NM 87410       Santa Fe, New Mexico 87504-2088         SUDDRY MOTICES AND REPORTS ON WELLS       E. State Ola Gas Lease No.         SUDDRY NOTICES AND REPORTS ON WELLS       B-9652         (DO NOT USE THIS FOR NOP ROPOSALS.)       The RESERVOR. USE - APPLICATION FOR PERMIT         (POR MCL       Gram Brine Well       Watren McKee Brine         1. Type of Well:       Gram Brine Well       Watren McKee Brine         2. Name of Operator       Oncoco Inc.       9. Pool name or Wildet         3. Address of Operator       9. Pool name or Wildet       BSW: Salado         4. Well Lease       330       Feet From The       South       Lies and       420       Feet From The       West         Section       2       Townaho       20S       Range       38E       NMPM       L6a       Co         Well Lease       330       Feet From The       South       Lies and       420       Feet From The       West         10. Elevason (Show whether DP, RER RT, GR. ctc.)       Willimininininininininininininininininini		nergy, Minerals and Nati	×.		Form C 103 Revised 1-1-89
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District       6. State Oil & Ges Lese No.         Divide Bakes Rd, Astee, NM 87410       6. State Oil & Ges Lese No.         SUNDRY NOTICES AND REPORTS ON WELLS       B-9652         (Do NOT USE THIS FORM FOR PROPOSALS TO DAILL OR TO DEPEN OR PUB GACK TO A DIFFERENT RESERVOR, USE APPLICATION FOR PERMIT       The State Oil & Ges Lese No.         1. Type of Well:       well (Control Proposals To DAIL OR TO PERMIT       Warren McKee Brine         2. Name of Operator       8. Well No.       3         3. Address of Operator       9. Pool same or Wildst         10 Desta Dr. Ste 100W, Midland, Tx 79705-4500       9. Pool same or Wildst         Unit Later M       330       Feet From The       South       Lise and       420       Feet From The       West         Section       2       Townsip       20S       Raage       38E       NMEM       Control         10. Lite Later M       330       Feet From The       South       Lise and       420       Feet From The       West         Section       2       Townsip       20S       Raage       38E       NMEM       Control         11.       Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data       NOTICE OF INTENTION TO:       SUBSEQUENT REPORT OF:         PERFORM ReWEDIAL WORK       PLUG AND ABANDON       Control	P.O. Drawer DD, Artesia, NM 88210	Santa Fe, New Mo	exico 87504-2088		case
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Canace of Operator       8. Well No.         2. Name of Operator       8. Well No.         3. Address of Operator       9. Pool assee or Wildest         10 Desta Dr. Ste 100W, Midland, Tx 79705-4500       9. Pool assee or Wildest         4. Well Location       9. Pool assee or Wildest         10 Desta Dr. Ste 100W, Midland, Tx 79705-4500       9. Pool assee or Wildest         4. Well Location       9. Pool assee or Wildest         10 Desta Dr. Ste 100W, Midland, Tx 79705-4500       9. Pool assee or Wildest         10 Desta Dr. Ste 100W, Midland, Tx 79705-4500       9. Pool assee or Wildest         4. Well Location       10. Elevasen (Show Variahr DF, REE, RT, GR, etc.)       Wetst         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         PULU AN ALTER CASING       CHANGE PLANS       COMWENCE DRILLING OPNS.       PLUG AND ABANDONME         OTHER       OTHER       OTHER       OTHER       10. Other Data         12. Describe Proposed of Completed Operations (Clearly state all partition detail, and give partition datas, including estimated data of starding any proposed word/SEE RULE 1103.       OTHER       11. Isorby certifyfables information shore is true and complete to the bat start be partition from Pool Company.	( DO NOT USE THIS FORM FOR PR DIFFERENT RES	ROPOSALS TO DRILL OR TO DE ERVOIR. USE •APPLICATION F	EEPEN OR PLUG BACK TO A OR PERMIT	///////////////////////////////////////	///////////////////////////////////////
2. Name of Operator       E. Well No.         3. Address of Operator       9. Pool name or Wildcat         10 Desta Dr. Ste 100W, Midland, Tx 79705-4500       9. Pool name or Wildcat         4. Well Location       9. Pool name or Wildcat         Unit Later M       330       Feet From The       South       Line and       420       Feet From The       West         Section       2       Township       20S       Range       38E       NMFM       Lea       Co         Multi Later M       330       Feet From The       20S       Range       38E       NMFM       Lea       Co         Multi Litter M       330       Feet From The       20S       Range       38E       NMFM       Lea       Co         Multi Litter M       10. Elevanoa (Show whether DP, RKS. RT, GR, etc.)       Willillillillillillillillillillillillill	Oli [""] Gas ["	отных Вгі	ne Well	Warren	1 McKee Brine
10 Desta Dr. Ste 100W, Midland, Tx 79705-4500       BSW: Salado         4. Well Location       330       Feet From The       South       Liss and       420       Feet From The       West         section       2       Township       20S       Range       38E       NMPM       Lea       cc         ////////////////////////////////////	•	<u></u>	. <u> </u>		
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Submit 3 Copies to Appropriate District Office	State of N	lew Mexico hural Resources Department		Form C 10 • Revised 1-1	-
DISTRICT I P.O. Box 1980, Hobbs, NM S8240	-	ATION DIVISION	WELL API NO.		
P.O. Drawer DD, Artesia, NM 88210		lexico 87504-2088	5. Indicate Type	30-025-32746	
DISTRICT T11 1000 Rio Brazos Rd., Aztec, NM 87410			6. State Oil & Ga	STATE	FEE
( DO NOT USE THIS FORM FOR PRO DIFFERENT RESE	ICES AND REPORTS OF OPOSALS TO DRILL OR TO D RVOIR. USE -APPLICATION F -101) FOR SUCH PROPOSALS	EEPEN OR PLUG BACK TO A FOR PERMIT	-[	9652	//////
1. Type of Well: Oll Gas Well Well	OTHER BR	ine Well	Wa	rren McKee Brine	
2. Name of Operator Conoco Inc.			8. Well No.	4	
3. Address of Operator 10 Desta Dr. Ste 100W, Midlau	nd, Tx 79705-4500		9. Pool name or V	Vildcat BSW: Salado	
4. Well Location Unit Letter <u>N</u> <u>330</u>	Feet From The So	Outh Line and 19	980 Feet From	The West	Line
Section 2	Township 20S	Range 38E	NMPM	Lea	County
	10. Elevauon (Show )	whether DF, RKB. RT, GR, ctc.)		<i>\////////////////////////////////////</i>	
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12. Describe Proposed or Completed O work)SEE RULE 1103. This well was plugged and abandon				of starting any proposed	
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12. I hereby certify that the information above is t	true and complete to the best of my know	riedze and belief.			
SIGNATURE _ KLESA L	llhes		ulatory Assistant	DATE03/22	2/00
TYPE OR PRINT NAME RCCSA R. WILKOS	\$			TELEPHONE NO. 915	/686-558
(this space for State Use)	~~	TITLE Fid. Ke	Л	DATE	-00
CONTIONS OF APPROVAL IF ANY:	A COST ASST SIELD MELL			•	
Distribution: OCÓ (3), SHEAR, PONC	A, COST ASST, FIELD, WELL	FILE			

03/23/02 SAT 09:24 FAX 915 5509228

Gatson Inc.



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

DEAR MR. GATSON:

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

	CKEE BRINE 03/11/02	ାଧ <b>lorides</b> mg/Kg ାନ SAMPLE
LAB NO. WELL #1		2920
LAB NO. WELL #2	<b>343:</b>	1510
LAB NO. WELL #3	344;	8319
LAB NO. WELL #4	345:	2389

METHOD: AGRICULTURE HANDBOOK N . 60 - CHAPTER 6 SEC 3C CHLORIDES: SMWW 407-C. SAMPLE MIXED 50:50, SO WITH DISTILLED WATER.

WE APPRECIATE THE OPPORTUNITY O 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

Ø 002

- Submit 3 Copies	State of New Mexico	Form C-103
to Appropriate District Office	rgy, Minerala and Natural Resources Department.	Review 1-1-89
DISTRICT I P.O. Box 1980, Hobbs, NM \$1240	OIL CONSERVATION DIVISION P.O. Box 2088	WELL API NO. 30-025-25836
DISTRICT II 20. Drawer DD, Artonia, NM \$\$210	Santa Fe, New Mexico 87504-2088	5. Indicate Type of Lesse STATE FEE
DISTRICT III 000 Rio Brazos Rd., Aztec, NM 87410		6. State Oil & Gas Lesse No. B-9652
DO NOT USE THIS FORM FOR PR DIFFERENT RESE	TICES AND REPORTS ON WELLS IOPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A RVOIR, USE "APPLICATION FOR PERMIT" C-101) FOR SUCH PROPOSALS.)	7. Lasso Name or Unit Agreement Name
Type of Well: OIL CAS		WARREN MCKEE BRINE
Name of Operator	BRINE EXTRACTION	& Weil No.
CONOCO INC. <00	05073>	1
	Ste 100 W, Midland, TX 79705	9. Pool anna or Wildow BSW: SALADO
Well Location	10 Fest From The SOUTH Lise and 4	20 Feet From The WEST Line
	GR 3581	
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NOTICE OF IN RFORM REMEDIAL WORK	Appropriate Box to Indicate Nature of Notice, Reference of Note, Reference of Not	SEQUENT REPORT OF:
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Subusit 3 Copies to Appropriate Discriz Office	State of New Mexico rgy, Minerals and Natural Resources Department		Form C-103 Revinet 1-1-89		
DISTRICT I P.O. Box 1980, Hobbs, NM 82240	P.O. Box 2008		WELL API NO 30-025-30707		
	DISTRICT II Santa Fe, New Mexico 87504-2088 P.O. Drawer DD, Anenia, NM \$\$210		S. Indicate Type of Lease		
DISTRICT III 1000 Rio Britos Rd., Aziec, NM 87410		6. State Oil & Ges Lanas No. B-9652			
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2. Name of Operator			8. Well Na		
CONOCO INC. <005073>			9. Pool assas or Wildow		
10 Desta Driv	BSW: SALADO				
	660 Feet From The SOUTH	Liss and 19	80 Fest From The WEST Line		
Section 2	Township 20 S Ra	0F. RKB. RT. GR. etc.)	NIMETM LEA COUNTY		
	GR 3590				
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FROM 1550° TO 1340 TAG PLUG @ 320'. MARKER.	SPOT 15 SX CEMENT FROM 60	TO SURFACE. C	SPOT 35 SX CEMENT UT OFF WELLHEAD AND INSTALL P&4		
3-\$5-95 RDMO. WEI	L IS PLUGGED.				
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I hereby certify that the information above	is true and complete to the best of my knowledge and b				
SIGNATURE Relf K.	searchy m	SR. REGULAT	DATE		
TYPE OR FRONT NAME BI	LL R KEATHLY		915-686-5424 TELETHONE NO.		
(This space for State Use)		~			
- Ker		Lis R.	5-11-00		
APTROVED BY		f-ld. Kap	DATE		
	MEAR, PONCA, COST ASS	T, HELD, HUE	EKCOM		

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 S8240	OIL CONSERVATION DIVISION P.O. Box 2088	WELL API NO. 30-025-32745	
P.O. Drawer DD, Artesia, NM 88210	Santa Fe, New Mexico 87504-2088	5. Indicate Type of Lease	
DISTRICT T11 1000 Rio Brazos Rd., Aztec, NM 87410		6. State Oil & Gas Lease No.	
		<u>B-9652</u>	
SUNDRY NOT ( DO NOT USE THIS FORM FOR PR DIFFERENT RESI (FORM)	7. Lease Name or Unit Agreement Name		
1. Type of Well: Oil Gas Well Well	OTHER Brine Well	Warren McKee Brine	
2. Name of Operator	<u> </u>	8. Well No.	
Conoco Inc. 3. Address of Operator		9. Pool name or Wildcat	
10 Desta Dr. Ste 100W, Midla 4. Well Location	BSW: Salado		
Unit Letter M330	Feet From The South Line and4	420 Feet From The West Line	
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12. I hereby certify that the information above i SIGNATURE	s true and complete to the best of my knowledge and belief.	pulatory Assistant 03/22/00	
TYPE OR PRINT NAME RCCSA R. WILKO	25	TELEPHONE NO. 915/686-558	
(this space for State Use)		Λ	
; <del></del>	TITLE Fed. K.	DATE 5- 11-00	

	na n				
4 +Submit 3 Copies to Appropriate District Office	State of New Me grgy, Minerals and Natural Re	xico	Form C 103 - Revised 1-1-89		
DISTRICT	OIL CONSERVATION DIVISION				
P.O. Box 1980, Hobbs, NM S8240	P.O. Box 208	8	WELL API NO. 30-025-32746		
P.O. Drawer DD, Artesia, NM 88210 Santa Fe, New Mexico 87504-2088			5. Indicate Type of Lease		
DISTRICT TH					
1000 Rio Brazos Rd., Aztec, NM 87410			6. State Oil & Gas Lease No. B-9652		
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2. Name of Operator	OTHER Brine We		8. Well No.	McKee Brine	
Conoco Inc.			8. Well No. 4		
3. Address of Operator		· · · · · · · · · · · · · · · · · · ·	9. Pool name or Wild		
10 Desta Dr. Ste 100W, Midlar 4. Well Location	10, 1X /9/05-4500		ТВЭ	W: Salado	
Unit Letter N 330	Feet From The South	Line and19	80 Feet From Th	e West Line	
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This were was progged and abandon	ed 1/2000, per die andered doeur		mpany.		
12   hereby certify that the information above is	true and complete to the best of my knowledge and	belief			
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TYPE OR PRINT NAME RCCSA R. WILKOS	i			TELEPHONE NO. 915/686-5580	
(this space for State Use)	7				
2 Jun	and	fed has	Λ.	5-11-00.	
APPROVED BY	/ ti		<u></u>	- DATE	
CONITIONS OF APPROVAL IF ANY:					

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

### Price, Wayne

From:Price, WayneSent:Thursday, October 31, 2002 10:58 AMTo:'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

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











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

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

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conoc

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.

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

#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 - (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













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







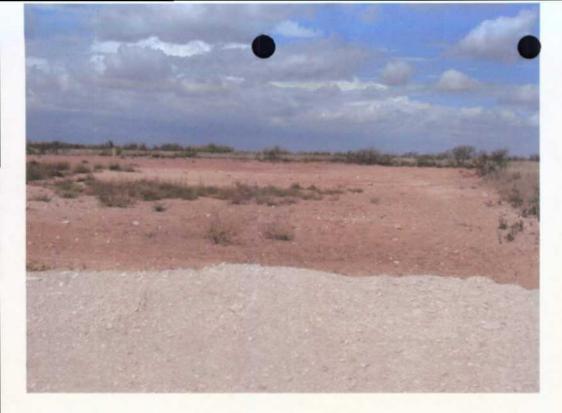


Warren McKee #2 Warren McKee #2 Warren McKee #2 Warren McKee #3 three months 0... three months 0... three months 0... three months 0... Wayne,

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 #3 three months 001.JPG>>



#2











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











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

Last pictures,

Sz

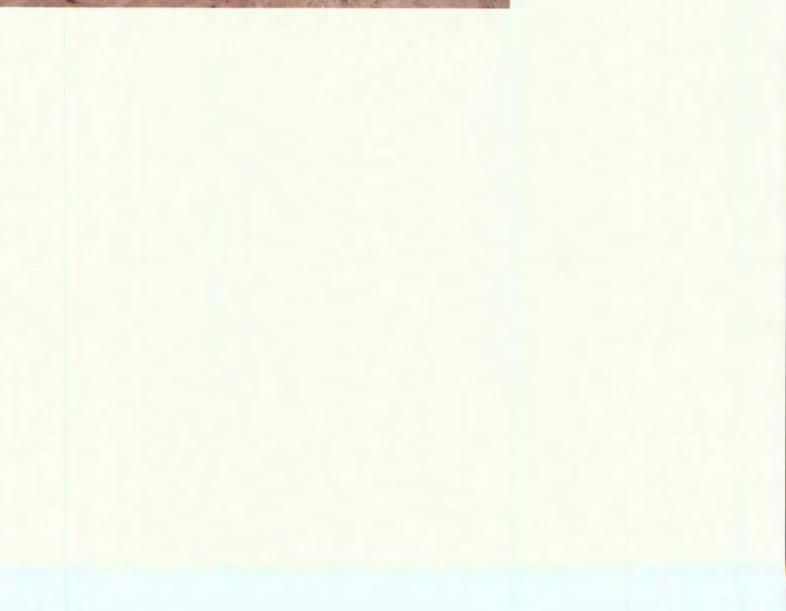
Suzanne P. Holland, P. E. ConocoPhillips, HSE Sr. Environmental Coordinator 915-686-5480

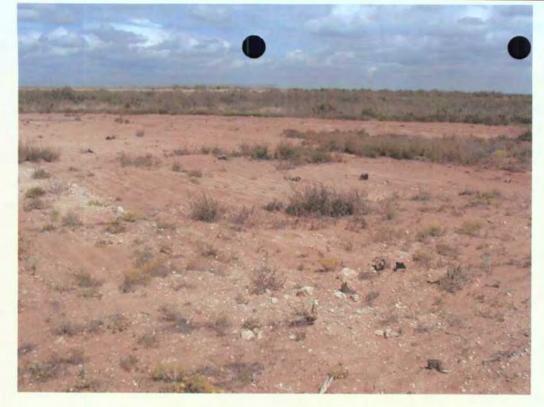
<<Warren McKee #3 three months 002.JPG>> <<Warren McKee #3 three months 004.JPG>> <<Warren McKee #4 three months 001.JPG>> <<Warren McKee #4 three months 003.JPG>>

<<Warren McKee #3 three months 003.JPG>>

<<Warren McKee #4 three months 002.JPG>>





















From:

Sent:

To: Cc:

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

OCD herby 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

Conoco

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 <u>1190 St. Francis Drive / P.O. Drawer 26110</u> 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.

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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

From: Sent: To: Subject: Price, Wayne Thursday, February 07, 2002 10:57 AM 'R-Neal.Goates@conoco.com' 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



DCP00251.JPG





DCP00254.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
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 I Yes & DP#_ PW-001 & IA FACILITY NAME: WARREN McKee BRINE WELL 3+4
FACILITY NAME: WARREN McKee BRINE WELL 3+4
PHYSICAL LOCATION: Legal: QTRQTRSec 2 TS 205 R 38 County LEA
ULM OWNER/OPERATOR (NAME) CONOCO INC.
Contact Person:Tele:#
MAILING
ADDRESS: State ZIP
Owner/Operator Rep's:
OCD INSPECTORS: DPRICE 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. <u>Above Ground Tanks</u> : 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.

OCD Inspection Sheet Page \_\_\_\_ of \_\_\_\_

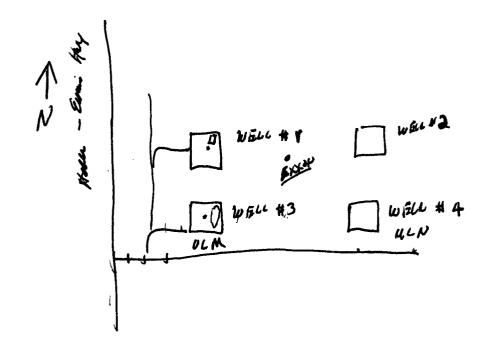
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4. Above Ground Saddle Tanks: Above ground saddle tanks must have impermeable pad and curb type containment unless they contain fresh water or fluids that are gases at atmospheric temperature and pressure. 5. <u>Labeling:</u> All tanks, drums and containers 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. <u>Underground Process/Wastewater Lines</u>: 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. .

OCD Inspection Sheet Page \_\_\_\_ of \_\_\_\_

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9. <u>Class V Wells</u>: Leach fields and other wastewater disposal systems at OCD regulated facilities which inject nonhazardous 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. <u>Housekeeping</u>: 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. <u>Spill Reporting</u>: 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:** ENTERANCE, PIC #2- WELL #3 PAD PICH3 LOOKAUG NW WEH # 3 (C #1-10#4- LOOKING EAST PIC #5 - SLIGHE SALT STAIN (OLD DRILL PIE) 10#6- WELL #1 plogues 8-14-95/PIC #7 LOOKING SE OLD DRILL PIE OLD EXLON A 11-22-83 NM AS 5THTE #1 2-205-388 660 BSL /1320 FWL - THIS LEGAL BASTS CONOCO #1 / PIC #8 ENERANCE TO WELL # 2+4/ PIC #9 PAD LOOKING 5/ NIO PIA Number of Photos taken at this site: attachmentspic # 11 - P+A + PAO well # 2 OCD Inspection Sheet

Page \_\_\_\_ of \_\_\_\_

A . . . R



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



BW-001 WELL #3 pic #2



PIC#3 - SAME AS 2 BW-001

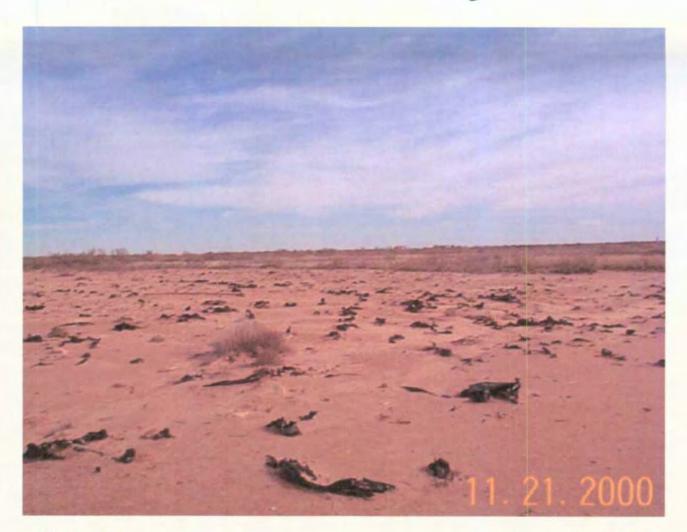


PIC # & EAST of WELL POA WELL # 3 BW-001 5 NORTHOFEAST \_SALT STAIN -

file://O:\ENVIRONM\WORD\WAYNE\CONOCO\BRINE\DCP00251.JPG



Pic # 6 WELL #1 POA - LOOKING NORTH BW-OOI



p1 = #7

BW-001



PIC # 8 ENTERANCE TO WELL # 2+4 BW-001



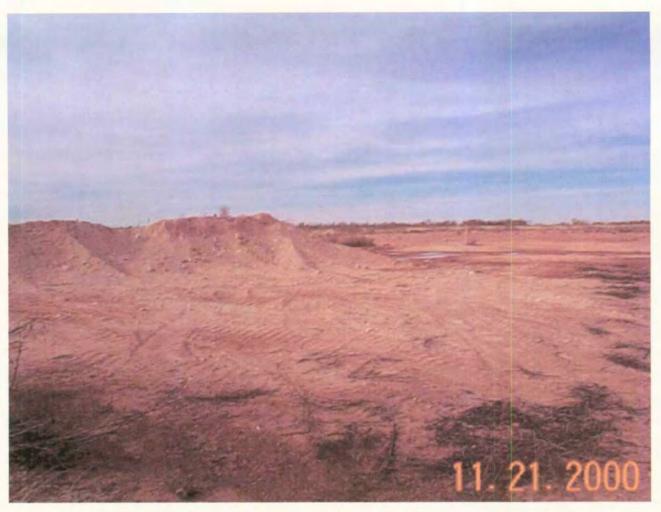
# Pic # 9- 50 Looking South

BW-001



PIE # 10 P+A

8W-001



PIE # 11 POA WALL # 2 BW-001

54/4 14/4 2-205-38/2 BWOOL , 11 AW 00 / A 36/4 NU/4 2-20-78E for Well # 1 54/4 JW/4 Na/4 unit M в PIA C-103 APPROLAD 4 P 3 9 (7 H 12/05/94 ----K-NEED C-103 SUB REPORTS M Þ OP APPRAGO 6/6/94 166 FSL 1980 FUL 710 FSL 420 FbL AVA Well # 1+2 . 2-20-38 M N 1-17-30 Well # 3 + 4 Μ N 330 KSL 330 FSE 420 FWL 1980 FWL



To Mr. Price Date 3-24-00

Attached are copies of C-103's Submitted 3-22-00 on the four Warren McKee Brine Wells. I was informed that your office is working the cancellation of a paimit regarding these wells. If you need to see the original Gilings, they were Dubmitted to your Hollos office.

Thank you-Reesa :



COMMITMENT # LEADERSHIP # TEAMWORK

Submit 3 Copies to Appropriste District Office	State of New Yexico Herey, Minerals and Natural Resources Department	Form C 103 Revised 1-1-89
DISTRICT 1 P.O. Box 1980, Hobbs, NM S8240	OIL CONSERVATION DIVISION	WELL API NO.
	P.O. Box 2088 Santa Fe, New Mexico 87504-2088	30-025-23048
P.O. Drawer DD, Artesia, NM 88210		5. Indicate Type of Lease STATE FEE
DISTRICT T11 1000 Rio Brazos Rd., Aztec, NM 87410		6. State Oil & Gas Lease No. B-9652
( DO NOT USE THIS FORM FOR PF DIFFERENT RES	FICES AND REPORTS ON WELLS ROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A ERVOIR. USE •APPLICATION FOR PERMIT C-101) FOR SUCH PROPOSALS.)	7. Lease Name or Unit Agreement Name
1. Type of Well:	]	
2. Name of Operator	OTHER Brine Well	Warren McKee Brine 8. Well No.
Conoco Inc		1 8. Well No.
3. Address of Operator		9. Pool name or Wildcat
10 Desta Dr. Ste 100W, Midla 4. Well Location	and, Tx 79705-4500	BSW: Salado
	Feet From The South Line and 4	20 Feet From The West Line
Section 2	Township 20S Range 38E	NMPM Lea County
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	10. Elevauon (Show whether DF, RKB. RT, GR, ctc.)	V/////////////////////////////////////
n. Check	Appropriate Box to Indicate Nature of Notice, I	Report of Other Data
		SEQUENT REPORT OF:
		G OPNS. L. PLUG AND ABANDONMENT
PULL OR ALTER CASING	CASING TEST AND C	
OTHER:	OTHER	
12. Describe Proposed or Completed work) SEE RULE 1103.	Operations (Clearly state all pertinent details, and give pertinent dates, in	ciuding estimated date of starting any proposed
This well was plugged and abando	oned 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		ulatory Assistant 03/22/00
TYPE OR PRINT NAME RCCSA R. WILK	es	TELEPHONE NO. 915/686-558
(this space for State Use) 519 N	ED COPIES IN OCD WELL A	CILES
-		Ŵſ
APPROVED BY	TITLE	DATE
CONITIONS OF APPROVAL, IF ANY:		

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I.

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

## DA&S OIL WELL SERVICING

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INCORPORATED

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### 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 251b. Salt Gel per bbl. Class "C".Cement

Total Cost: \$8,494.84

505-392-6591

P.O. BOX 2545

#### HOBBS, NEW MEXICO 88241

HOBBS, NEW MEXICO (505) 392-6591 ANDREWS, TEXAS (915) 523-4420 EUNICE, NEW MEXICO [505] 394-2557 MIDLAND, TEXAS [915] 685-8555

to Appropriate District Office	State of New Moxico Energy, Minerals and Natural Resources Department	Form C 103 Revised 1-1-89
DISTRICT I F.U. Box 1980, Hobbs, NM S8240	OIL CONSERVATION DIVISION P.O. Box 2088	WELL API NO.
P.O. Drawer DD, Artesia, NM 88210	Santa Fe, New Mexico 87504-2088	30-025-30707 5. Indicate Type of Lease
DISTRICT T11 1000 Rio Brazos Rd., Aztec, NM 87410		STATE FEE 6. State Oil & Gas Lease No. B-9652
( DO NOT USE THIS FORM FOR PE DIFFERENT RES	TICES AND REPORTS ON WELLS ROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A ERVOIR. USE •APPLICATION FOR PERMIT C•101) FOR SUCH PROPOSALS.)	7. Lease Name or Unit Agreement Name
1. Type of Well: Oil Well Well Well	OTHER Brine Well	Warren McKee Brine
2. Name of Operator		8. Well No.
Conoco Inc 3. Address of Operator	•	2 9. Pool name or Wildcat
10 Desta Dr. Ste 100W, Midla 4. Well Location	and, Tx 79705-4500	BSW: Salado
	Feet From The South Line and!	980 Feet From The West
Section 2	Township 20S Range 38E	NMPM Lea Count
	10. Elevauon (Show whether DF, RKB. RT, GR, ctc.)	V////////////////////////////////
	Appropriate Box to Indicate Nature of Notice, 1	-
NOTICE OF IN		BSEQUENT REPORT OF:
	PLUG AND ABANDON	
TEMPORARILY ABANDON	CHANGE PLANS	G OPNS. DPLUG AND ABANDONMENT
PULL OR ALTER CASING	CASING TEST AND C	
OTHER:	OTHER	
12. Describe Proposed or Completed	Operations (Clearly state all pertinent details, and give pertinent dates, in	icidallid asmuetea aste ol steland suà biobosea
work) SEE RULE 1103. This well was plugged and abando	Operations (Clearly state all pertinent details, and give pertinent dates, in oned 3/15/95, per the attached procedure. red on this 4/12/95 (also see attached); however, an appro	
work) SEE RULE 1103. This well was plugged and abando	oned 3/15/95, per the attached procedure.	
work) SEE RULE 1103. This well was plugged and abando	oned 3/15/95, per the attached procedure.	
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work) SEE RULE 1103. This well was plugged and abando	oned 3/15/95, per the attached procedure.	
work) SEE RULE 1103. This well was plugged and abando It appears that a C-103 was prepar	oned 3/15/95, per the attached procedure.	
work) SEE RULE 1103. This well was plugged and abando It appears that a C-103 was prepar 12. I hereby certify that the information above	oned 3/15/95, per the attached procedure. red on this 4/12/95 (also see attached); however, an appro	ved copy can not be located.
work) SEE RULE 1103. This well was plugged and abando It appears that a C-103 was prepar	is true and complete to the best of my knowledge and belief.	ved copy can not be located.
work) SEE RULE 1103. This well was plugged and abando It appears that a C-103 was prepar 12. I hereby certify the information above SIGNATURE	is true and complete to the best of my knowledge and belief.	ved copy can not be located.         ulatory Assistant       03/22/00         TELEPHONE NO. 915/686-
work) SEE RULE 1103. This well was plugged and abando It appears that a C-103 was prepar 12. I hereby certify that the information above SIGNATURE	is true and complete to the best of my knowledge and belief.	ved copy can not be located. ulatory Assistant DATE 03/22/00 TELEPHONE NO. 915/686-

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Submit 3 Copies to Approximate Distant Office	State of New Mexico	Form C-103 Reviewe 1-1-89
DISTRACT I P.O. Box 1980, Hobbs, NM 82240	OIL CONSERVATION DIVISION P.O. Box 2088	WELL API NO.
DISTRICT II P.O. Drawer DD, Antonia, NM \$2210	Santa Fe, New Mexico 87504-2088	30-025-30707 5. Indicate Type of Lease
DISTRICT III 1000 Rio Brizos Rd., Aziec, NM \$7410		STATE FEE
		B-9652
( DO NOT USE THIS FORM FOR P DIFFERENT REE (FORM	TICES AND REPORTS ON WELLS PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A BERVOIR. USE "APPLICATION FOR PERMIT" I C-101) FOR SUCH PROPOSALS.)	7. Lesse Neme or Unit Agreement Name
I. Type of Well: Off. CAS WEL	BRINE EXTRACTION	WARREN MCKEE BRINE
2. Name of Operator CONOCO_INC<	005073>	& Wet Na.
3. Address of Operator	Ste 100 W. Midland, TX 79705	9. Pool serves of Wildow BSW: SALADO
4. Well Location '	· ·	1980 WEST
Unit Letter !	660 Feet From The Line and	1980 Fest From The WEST Line
Section 2	Torrenting 20 S Range 38 E	NMETM LEA County
	GR 3590	
	Appropriate Box to Indicate Nature of Notice,	Report, or Other Data
NOTICE OF I	NTENTION TO: SU	BSEQUENT REPORT OF:
	PLUG AND ABANDON REMEDIAL WORK	
TEMPORARILY ABANDON	CHANGE PLANS	
PULL OR ALTER CASING	CASING TEST AND	
OTHER:	ОТНЕЯ:	[]
work) SEE RULE 1103.	entions (Clearly note all persinent details, and give persinent dates, in	
3-14-95 MIRU. GLH FROM 1550 TO 1340 TAG PLUG @ 320 . S MARKER.	W/ 7" CIBP SSET @ 1550', CIRCULATE MUD PUH TO 470' SPOT 25 SX CEMENT, PUH. SPOT 15 SX CEMENT FROM 60' TO SURFACE.	CUT OFF WELLHEAD AND INSTALL P&A
3-€5-95 RDMO. WELL	IS PLUGGED.	
I have carely that the information store a	true and complete to the bolt of my knowledge and belief.	
SORATURE Bill K. 2	SR. REGUL	ATORY SPEC. 4-12-95
TYPE OR PRINT NAME BILL	R. KEATHLY	915-686-5424 Telethome NO.
(This space for State Uss)		
		DATE
CONDITIONS OF ATTROVAL, IF ANT:		

- - -

#### ELL SERVICING DA&S OIL W INCORPORATED

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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 251b. Salt Gel per bbl. Class "C" Cement

Total Cost: \$6,242.34

505-392-6591

P.O. BOX 2545

HOBBS, NEW MEXICO 88241

ANDREWS, TEXAS

LOCATIONS H0885, NEW MEXICO (505) 392-6591 (915) 523-4420

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

bmit 3 Copies to Appropriate District Office	State of New J Energy, Minerals and Natural			Form C 103 Revised 1-1-89
<u>DISTRICT I</u> P.O. Box 1980, Hobbs, NM S8240	OIL CONSERVAT		WELL API NO.	-025-32745
P.O. Drawer DD, Artesia, NM 88210	Santa Fe, New Mexic	co 87504-2088	5. Indicate Type of I	case E
DISTRICT T11 1000 Rio Brazos Rd., Aztec, NM 87410			6. State Oil & Gas L	
1000 No Diazos Ra, Fiziko, Nil 07410			B-96	
( DO NOT USE THIS FORM FOR PR DIFFERENT RESI	ICES AND REPORTS ON W OPOSALS TO DRILL OR TO DEEP ERVOIR. USE •APPLICATION FOR C-101) FOR SUCH PROPOSALS.)	EN OR PLUG BACK TO A	7. Lease Name or Ur	//////////////////////////////////////
1. Type of Well:			1	
Well Well 2. Name of Operator	OTHER Brine	Well	Warre 8. Well No.	n McKee Brine
Conoco Inc.			8. Well No.	3
3. Address of Operator	ad Tx 20705 4500		9. Pool name or Wil	
10 Desta Dr. Ste 100W, Midla 4. Well Location	ind, 1x /9/05-4500		В	SW: Salado
Unit Letter M 330	Feet From The South	Line and4	20 Feet From 7	he West Line
Section 2	Township 20S	Range 38E	NMPM	Lea County
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	CHANGE PLANS		_	LUG AND ABANDONMENT
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PULL OR ALTER CASING	C			[
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DTHER: 12. Describe Proposed or Completed work) SEE RULE 1103. This well was plugged and abando 13. The construction of the information above in SIGNATURE COMPANY NAME Reesa R. Wilkow TYPE OR PRINT NAME Reesa R. Wilkow	ned 1/24/00, per the attached do s true and complete to the best of my knowledg	OTHER	ulatory Assistant	03/22/00
DTHER: 12. Describe Proposed or Completed work)SEE RULE 1103. This well was plugged and abando 13. I hereby certify that the information above in SIGNATURE COMPLETED IN THE STORY OF	s true and complete to the best of my knowledg	OTHER	ulatory Assistant	03/22/00

Office Revised March 25, 1999
District
District II OUL CONSERVATION DIVISION 30-025-32745
District III 2040 South Pacheco
1000 Rio Brazos Rd., Aztec, NM 87410     20 10 South Filence     STATE X     FEE       District IV     Santa Fe, NM 87505     Image: State South Filence     Image: State South Filence
2040 South Pacheco, Santa Fe, NM 87505 B-9652
SUNDRY NOTICES AND REPORTS ON WELLS       7.         (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A       7.         DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH       Warren Mckee Brine Well         1. Type of Well:       7.
Oil Well     Gas Well     Other - Injection       2     Name of Operator     8
2. Name of Operator 8 Conoco Inc. 3
3. Address of Operator9. Pool name or Wildcat10 Desta Dr. Ste. 100w Midland, TX. 797059. BSW Salado (96173)
10. Well Location
Unit Letter M330"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 PLUG AND ABANDON
TEMPORARILY ABANDON CHANGE PLANS COMMENCE DRILLING OPNS. PLUG AND ABANDONMENT XXX
PULL OR ALTER CASING MULTIPLE CASING TEST AND CEMENT JOB
OTHER: OTHER:
<ol> <li>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.</li> </ol>
<ul> <li>RIH w/ C.I.B.P. to 1600' Set cibp Spotted plug #1 25sx. cement from 1600' to 1450'</li> <li>Circulated the hole w/ gelled brine mud (30sx. salt gel. 60bbls. brine.)</li> <li>Spotted plug #2 ( 25sx. cement ) from 500' to 350'</li> <li>Spotted a 10sx. surface plug.</li> <li>Installed Dry-hole Marker and cleaned location.</li> </ul>
l hereby certify that the information above is true and complete to the best of my knowledge and belief.
SIGNATURE B. Fish TITLE : FIELD SUPERVISOR DATE 01/24/00
Type or print name: BEN FISHER
(This space for State use)       APPROVED BY     DATE
Conditions of approval

10. Elevauon (Show whether DF, RK         11.       Check Appropriate Box to Indicate Natur         NOTICE OF INTENTION TO:         PERFORM REMEDIAL WORK       PLUG AND ABANDON         TEMPORARILY ABANDON       CHANGE PLANS         OULL OR ALTER CASING       CAS	es Departme		Form C 103 Revised 1-1-89
P.O. Drawer DD, Artesia, NM 88210     Santa Fe, New Mexico 87504     DISTRICT TI1     TWO KO Brazos Rd, Aztec, NM 87410     SUNDRY NOTICES AND REPORTS ON WELLS     (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PL     DIFFERENT RESERVOIR. USE -APPLICATION FOR PERMIT     (FORM C-101) FOR SUCH PROPOSALS.)     Type of Well:         Conoco Inc.     Address of Operator     Conoco Inc.     Address of Operator     Unit Letter N	VIVISION	WELL API NO.	
P.O. Drawer DD, Artesia, NM 85210         DISTRICT TI1         TWOE RO BRAZOG R.d., Aztec, NM 87410         (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PL         DIFFERENT RESERVOIR, USE -APPLICATION FOR PERMIT (FORM C-101) FOR SUCH PROPOSALS.)         1. Type of Well:         Well         Owner         Operator         2. Name of Operator         10 Desta Dr. Ste 100W, Midland, Tx 79705-4500         4. Well Location         Unit Letter         Section       2         Township       20S         Range         MINIMUMENT         10. Elevauon (Show whether DF, RK         NOTICE OF INTENTION TO:         PERFORM REMEDIAL WORK       PLUG AND ABANDON         REM         PULL OR ALTER CASING       CON         PULL OR ALTER CASING       CAS         OTHER:       OTHER         12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and gi work/SEE RULE 1103.         This well was plugged and abandoned 1/26/00, per the attached documentat         12. Levely certify this the information shore in true and complete to the best of my knowledge and belief.         SIGMATURE       CLARA         Worky SEE RULE 1103.       TITHE			0-025-32746
TOOD ROP BRADS Rd., Aztec, NM 87410         SUNDRY NOTICES AND REPORTS ON WELLS         (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PL         DIFFERENT RESERVOIR. USE APPLICATION FOR PERMIT         (FORM C-101) FOR SUCH PROPOSALS.)         1. Type of Well:         OTHER Brine Well         2. Name of Operator         10 Desta Dr. Ste 100W, Midland, Tx 79705-4500         4. Well Location         Unit Letter N         South         South         South         South         South         South         Unit Location         Unit Location         Unit Location         10. Elevauon (Show whether DF, RK         INTECTION TO:         PERFORM REMEDIAL WORK         PLUG AND ABANDON         CON         CON         PLUE AND ABANDON         CON         DI Elevauon (Show whether DF, RK         PULL OR ALTER CASING         CON <tr< td=""><td>4-2088</td><td>5. Indicate Type of</td><td></td></tr<>	4-2088	5. Indicate Type of	
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEFERENT RESERVOIR. USE APPLICATION FOR PERMIT (FORM C-101) FOR SUCH PROPOSALS)         1. Type of Well:		6. State Oil & Gas I B-90	Lease No.
Cut       Conco Inc.         2. Name of Operator       Concoc Inc.         3. Address of Operator       Concoc Inc.         10. Desta Dr. Ste 100W, Midland, Tx 79705-4500         4. Well Lecter N       330         Feet From The       South         Section       2         Township       20S         Range       10. Elevauon (Show whether DF, RE         11.       Check Appropriate Box to Indicate Natur         NOTICE OF INTENTION TO:         PERFORM REMEDIAL WORK       PLUG AND ABANDON         REMPORARILY ABANDON       CHANGE PLANS         OTHER:       OTH         12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and gi work)SEE RULE 1103.         This well was plugged and abandoned 1/26/00, per the attached documentat         12. I hereby certify that the information above is true and somplete to the best of my knowledge and belief.         SIGNATURE       LOGA         TYPE OR PRINT NAME       RCCSA R. WilkCS	LUG BACK TO A	7. Lesse Name of U	//////////////////////////////////////
Conoco Inc.         3. Address of Operator         10 Desta Dr. Ste 100W, Midland, Tx 79705-4500         4. Well Location         Unit Letter_N		Wan	ren McKee Brine
10 Desta Dr. Ste 100W, Midland, Tx 79705-4500         4. Well Location         Unit Letter N       330       Feet From The       South         Section       2       Township       20S       Range         10. Elevauon (Show whether DF, RK         11.       Check Appropriate Box to Indicate Natur         NOTICE OF INTENTION TO:         PERFORM REMEDIAL WORK       PLUG AND ABANDON       REM         TEMPORARILY ABANDON       CHANGE PLANS       COW         OTHER:       OTHER:       OTH         12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and gi work)SEE RULE 1103.       This well was plugged and abandoned 1/26/00, per the attached documentat         12. I hereby certify this information above is true and gom plete to the best of my knowledge and belief.       SIGNATURE         12. I hereby certify this information above is true and gom plete to the best of my knowledge and belief.       SIGNATURE         12. I hereby certify this information above is true and gom plete to the best of my knowledge and belief.       SIGNATURE		8. Well No.	4
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Section       2       Township       20S       Range         11.       Check Appropriate Box to Indicate Natur         NOTICE OF INTENTION TO:         PERFORM REMEDIAL WORK       PLUG AND ABANDON       REM         TEMPORARILY ABANDON       CHANGE PLANS       CON         PULL OR ALTER CASING       CAS       OTHER:       OTH         12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and gi work)SEE RULE 1103.       This well was plugged and abandoned 1/26/00, per the attached documentation shore is true and complete to the best of my knowledge and belief.         SIGMATURE       Lean Wilkes       TITLE         TYPE OR PRINT NAME       Recesa R. Wilkes       TITLE		I	3SW: Salado
10. Elevation (Show whether DF, RK         11.       Check Appropriate Box to Indicate Natur         NOTICE OF INTENTION TO:         PERFORM REMEDIAL WORK       PLUG AND ABANDON         TEMPORARILY ABANDON       CHANGE PLANS         OTHER:       OTHER:         12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and gi work)SEE RULE 1103.         This well was plugged and abandoned 1/26/00, per the attached documentat         12. I hereby cartify that the information above is true and complete to the best of my knowledge and belief.         SIGNATURE       LOGA         TYPE OR PRINT NAME       Recesa R. Wilkes	_ Line and198	80 Feet From	The West Line
11.       Check Appropriate Box to Indicate Natur NOTICE OF INTENTION TO:         PERFORM REMEDIAL WORK       PLUG AND ABANDON         PERFORM REMEDIAL WORK       PLUG AND ABANDON         REM       COW         TEMPORARILY ABANDON       CHANGE PLANS         OTHER:       OTH         12. Describe Proposed or Completed Operations (Clearly state all pertinent detalls, and git work)SEE RULE 1103.         This well was plugged and abandoned 1/26/00, per the attached documentate         12. I hereby certify that the information above is true and complete to the best of my knowledge and belief.         SIGNATURE       COMA         TYPE OR PRINT NAME       RCCS3 R. Wilkes			Lea County
NOTICE OF INTENTION TO:         PERFORM REMEDIAL WORK       PLUG AND ABANDON         REM         TEMPORARILY ABANDON       CHANGE PLANS         COW         PULL OR ALTER CASING         CHANGE PLANS         COW         PULL OR ALTER CASING         COTHER:         OTHER:         OTHER:         OTHER:         12. Describe Proposed or Completed Operations (Clearly state all pertinent detalls, and git work)SEE RULE 1103.         This well was plugged and abandoned 1/26/00, per the attached documentat         12. I hereby certify that the information above is true and complete to the best of my knowledge and belief.         SIGNATURE       COMA Wilkes         TYPE OR PRINT NAME       RCCSA R. Wilkes			V/////////////////////////////////////
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12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and giwork) SEE RULE 1103.         This well was plugged and abandoned 1/26/00, per the attached documentat         12. I hereby certify that the information above is true and complete to the best of my knowledge and belief.         SIGNATURE         TYPE OR PRINT NAME	SING TEST AND CE	EMENT JOB	
work)SEE RULE 1103.         This well was plugged and abandoned 1/26/00, per the attached documentat         12.1 hereby certify that the information above is true and complete to the best of my knowledge and belief.         SIGNATURE         TYPE OR PRINT NAME         RCCS3 R. Wilkes	HER		
12. I hereby certify that the information above is true and complete to the best of my knowledge and belief. SIGNATURE	vive pertinent dates, Incl	luding estimated date o	if starting any proposed
SIGNATURE KOCA Wilkes	tion from Pool Co	ompany.	
SIGNATURE KOCSA R. WILKOS			
SIGNATURE KOCA Wilkes			
SIGNATURE KOCSA R. WILKOS			
SIGNATURE KOCSA R. WILKOS			
TYPE OR PRINT NAME RCCSa R. Wilkes	· · · · · · · · · · · · · · · · · · ·		
	Sr. Staff Regul	latory Assistant	DATE03/22/00
(this space for State Use) - Start 519NED COPIES IN			TELEPHONE NO. 915/686-5580
	OCO WELL	FILE uf	
APPROVED BT TITLE	<u></u>	<u> </u>	DATE
CONITIONS OF APPROVAL, IF ANY:			

Submit 3 Copies To Appropriate District       State of New Mexico         Office       Energy, Minerals and Natural Resources         D_strict I       Energy, Minerals and Natural Resources         1625 N. French Dr., Hobbs, NM 87240       OIL CONSERVATION DIVISION         District II       OIL CONSERVATION DIVISION         811 South First, Artesia, NM 87210       OIL CONSERVATION DIVISION         District III       2040 South Pacheco         1000 Rio Brazos Rd., Aztec, NM 87410       2040 South Pacheco         District IV       Santa Fe, NM 87505         2040 South Pacheco, Santa Fe, NM 87505       6. State Oil & Gas Lease No.
D. strict I       Energy, Minerals and Natural Resources         1625 N. French Dr., Hobbs, NM 87240       District II         District II       OIL CONSERVATION DIVISION         811 South First, Artesia, NM 87210       OIL CONSERVATION DIVISION         District III       2040 South Pacheco         1000 Rio Brazos Rd., Aztec, NM 87410       Santa Fe, NM 87505
District II       OIL CONSERVATION DIVISION       30-025-32746         811 South First, Artesia, NM 87210       OIL CONSERVATION DIVISION       5. Indicate Type of Lease         District III       2040 South Pacheco       Santa Fe, NM 87505         District IV       Santa Fe, NM 87505       STATE State FEE
District III       2040 South Pacheco         1000 Rio Brazos Rd., Aztec, NM 87410       2040 South Pacheco         District IV       Santa Fe, NM 87505
1000 Rio Brazos Rd., Aztec, NM 87410 District IV Santa Fe, NM 87505 Santa Fe, NM 87505
2040 L D. Loss Conte D. NM 97505
B-9652
SUNDRY NOTICES AND REPORTS ON WELLS       7.         (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A       7.
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)
I. Type of Well: Oil Well Gas Well D Other - Injection אוז Supply well
2. Name of Operator     8       Conoco Inc.     4
3. Address of Operator 9. Pool name or Wildcat
10 Desta Dr. Ste. 100w Midland, TX. 79705         BSW Salado (96173)
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  PLUG AND ABANDON  REMEDIAL WORK ALTERING CASING
TEMPORARILY ABANDON CHANGE PLANS COMMENCE DRILLING OPNS. PLUG AND ABANDONMENT XXX
PULL OR ALTER CASING MULTIPLE CASING TEST AND CEMENT JOB
OTHER: OTHER:
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'
<ul> <li>Spotted a 10sx. surface plug.</li> <li>Installed Dry-hole Marker and cleaned location.</li> </ul>
Ι
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: <u>BEN FISHER</u>
(This space for State use)       APPROVED BY     TITLE     DATE
Conditions of approval

ubmit 3 Copies to Appropriate District Office	State of New Mexico Energy, Minerals and Natural Resources Dep	Form C 103 Deartment Revised 1-1-89
DISTRICT I P.O. Box 1980, Hobbs, NM S8240	OIL CONSERVATION DIVIS P.O. Box 2088	30-025-25836
P.O. Drawer DD, Artesia, NM 88210	Santa Fe, New Mexico 87504-208	8 5. Indicate Type of Lease
DISTRICT T11 1000 Rio Brazos Rd., Aztec, NM 87410		STATE FEE
( DO NOT USE THIS FORM FOR PRO DIFFERENT RESE	ICES AND REPORTS ON WELLS DPOSALS TO DRILL OR TO DEEPEN OR PLUG BA RVOIR. USE +APPLICATION FOR PERMIT -101) FOR SUCH PROPOSALS.)	B-9652 ACK TO A 7. Lease Name or Unit Agreement Name
1. Type of Well: Oil Gas Well Well	OTHER Brine Well	Warren McKee Brine
2. Name of Operator		8. Well No.
Conoco Inc. 3. Address of Operator 10 Desta Dr. Ste 100W, Midlar		9. Pool name or Wildcat BSW: Salado
4. Well Location		
Unit Letter ? 710	Feet From The South Line a	and Feet From The West Line
Section 2	Township 20S Range 3	8E NMPM Lea County
///////////////////////////////////////	10. Elevauon (Show whether DF, RKB. RT, )	GR, ctc.)
NOTICE OF IN PERFORM REMEDIAL WORK	PLUG AND ABANDON	SUBSEQUENT REPORT OF: WORK ALTERING CASING SE DRILLING OPNS. PLUG AND ABANDONMENT SET AND CEMENT JOB
12. Describe Proposed or Completed O work)SEE RULE 1103.	perations (Clearly state all pertinent details, and give pertin	nent dates, including estimated date of starting any proposed
This well was plugged and abandon	red 3/14/95, per the attached procedure.	
		RECEIVED
NOTE: Re-submission from 3/22	2/00 filing, correcting API No.	AUG 0 3 2000
		Environmental Bureau Oil Conservation Division
	<i>.</i> ,	
		· ·
12. I hereby certify that the information above, is i	true and complete to the best of my knowledge and belief.	<u> </u>
signature <u>Kloda W</u> I	IRON TITLE ST.	Staff Regulatory Assistant 04/06/00
TYPE OR PRINT NAME RCCSA R. Wilkes	} 	TELEPHONE NO. 915/686-558
(this space for State Use)		
(this space for State Use)	TITLE	DATE

# 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 wellhéad, put in marker, rig down, move off.

Mud 251b. Salt Gel per bbl. Class "C". Cement

Total Cost: \$8,494.84

RECEIVED AIR 0 3 2000 Environmental Bureau Oil Conservation Division

505-392-6591

P.O. 80X 2545 •

HOBBS, NEW MEXICO 88241

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

LOCATIONS \_\_\_\_\_

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

ubmit 3 Copics to Appropriste District Office	State of N Energy, Minerals and Nati		-		Form ( Revised	C 103 I 1-1- <b>8</b> 9
<u>DISTRICT I</u> P.O. Box 1980, Hobbs, NM S8240	OIL CONSERVA P.O. B			WELL API NO.	30-025-23048	·
P.O. Drawer DD, Artesia, NM 88210	Santa Fe, New M	exico 8	7504-2088	5. Indicate Type	of Lease	
DISTRICT TIL 1000 Rio Brazos Rd., Aztec, NM 87410				6. State Oil & Ga		FEE
( DO NOT USE THIS FORM FOR PRO DIFFERENT RESE	CES AND REPORTS OF POSALS TO DRILL OR TO D RVOIR. USE •APPLICATION F •101) FOR SUCH PROPOSALS	EEPEN C	OR PLUG BACK TO A	111111111	9652 ////////////////////////////////////	//////////////////////////////////////
1. Type of Well: Oil Ges Well Well	OTHER BR	ine Well	·	Wa	arren McKee Brin	e
2. Name of Operator Conoco Inc.				8. Well No.		
3. Address of Operator 10 Desta Dr. Ste 100W, Midlar	nd. Tx 79705-4500			9. Pool name or		
4. Well Location						
Unit Letter <u>?</u> <u>710</u>	Feet From TheS	outh	Line and4	20 Feet Fro	m TheWes	t Lin
Section 2	Township 20S	Ran		NMPM	Lea	County
	10. Elevauon (Show	whether D	DF, RKB. RT, GR, ctc.)		///////////////////////////////////////	///////////////////////////////////////
	Appropriate Box to Ind	licate N	-	-	•	
NOTICE OF IN	TENTION TO:		SUE	SEQUENT I	REPORT OF:	
	PLUG AND ABANDON		REMEDIAL WORK		ALTERING CASI	ng [
TEMPORARILY ABANDON	CHANGE PLANS			G OPNS.	PLUG AND ABAN	
PULL OR ALTER CASING		-	CASING TEST AND C	EMENT JOB		
OTHER:			OTHER			[
12. Describe Proposed or Completed O work) SEE RULE 1103.	perations (Clearly state all pertine	ent details,	and give pertinent dates, in	cluding estimated dat	e of sterting eny propo	sed
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This well was plugged and abandor	led 3/14/95, per the attached	d proced	lure.	•.	RECEIVED	
					AUG 0 3 200	N
				E	nvironmental Bui	
				Oil	Conservation Div	ision
12. I hereby certify that the information above is	true and complete to the best of my kno	wledge and	belief.			
SIGNATURE - KLESCE	Vilkas	TIT	LE Sr. Staff Reg	ulatory Assistant	DATE	03/22/00
TYPE OR PRINT NAME REESA R. WILKE	<u>s</u>					. 915/686-55
(this space for State Use)						
APPROVED BT		TIT	1 F		DATE	
					•	1



8- 4-00;11:29AM;CONOCO INC.

Conoco Inc.

**Request for Facsimile** Transmission

# 1/ 2

1

;5056762401

Date **8/4/00** 

5 m 3

I

1

Ext.	
505-676-3528	
Room No.	
	505-676-3528

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



Note:

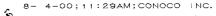
1. Your originals must have good contrast (dark detail on light background).

Legible.
 ½ Inch margin on all sides of sheet.
 Number all pages.

#### Special Instructions

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

Thank You, Rudy Quiroz





;5056762401

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 MERGY, MINERALS & NATURAL RESOURCES DEPARTMENT

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

November 23, 1999

#### <u>CERTIFIED MAIL</u> <u>RETURN RECEIPT NO. Z 274 520 729</u>

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

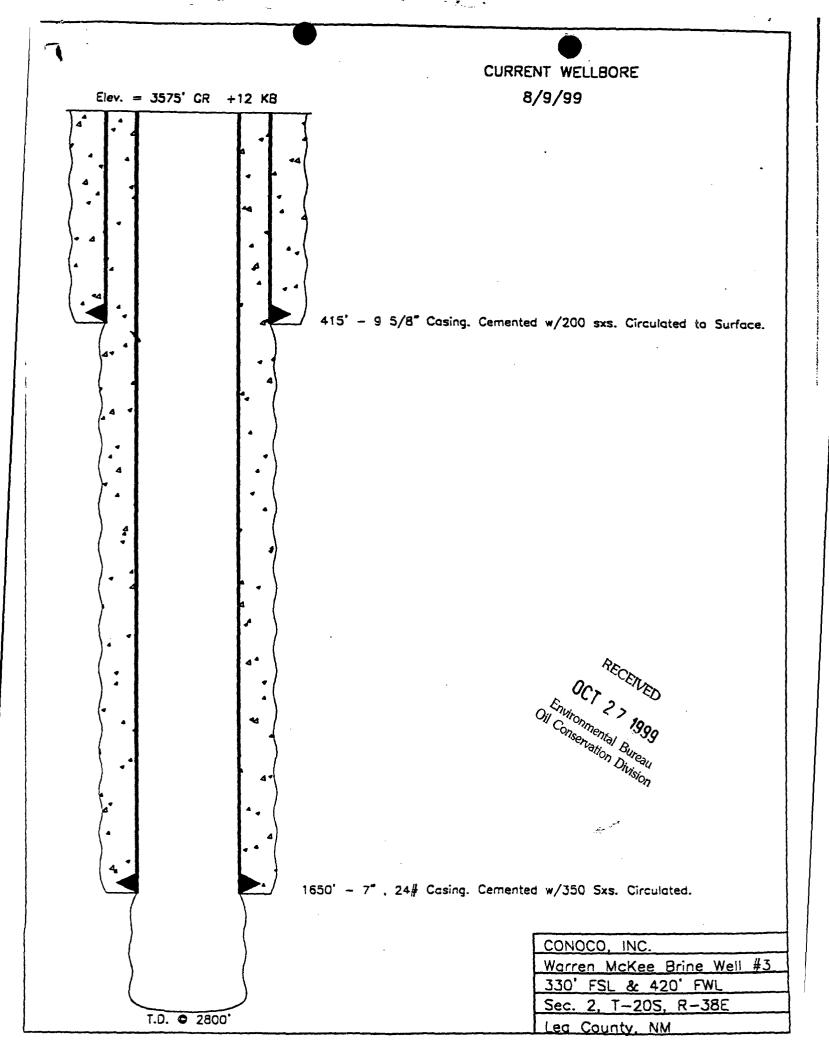
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to Amoriale	Energy, Minerals and Natural Re	sources Department	Form C-103 Revised 1-1-89	1
Diaria Office				
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	310 Old Santa Fe Trail,		30-025-32745	
DISTRICT II P.O. Drawer DD, Artesia, NM \$8210	Santa Fe, New Mexic	∞ 87503	S. Indicate Type of Lease	-
			STATE XX FEE	٦.
DISTRICT III 1000 Rig Brazos Rd., Aztec, NM 87410		•	6. State Oil & Ges Lease Na.	<u> </u>
		,	B-9652	
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	-101) FOR SUCH PROPOSALS.)			
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CONOCO, Inc.			3	
3. Address of Operator	10000	70705	9. Pool same or Wildcat	l
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		HEMEDIAL WORK		
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1. Set a C.I.B.P.		-		
1. Set a C.1.B.P.	at 1600' with 35'	or cement on	top.	
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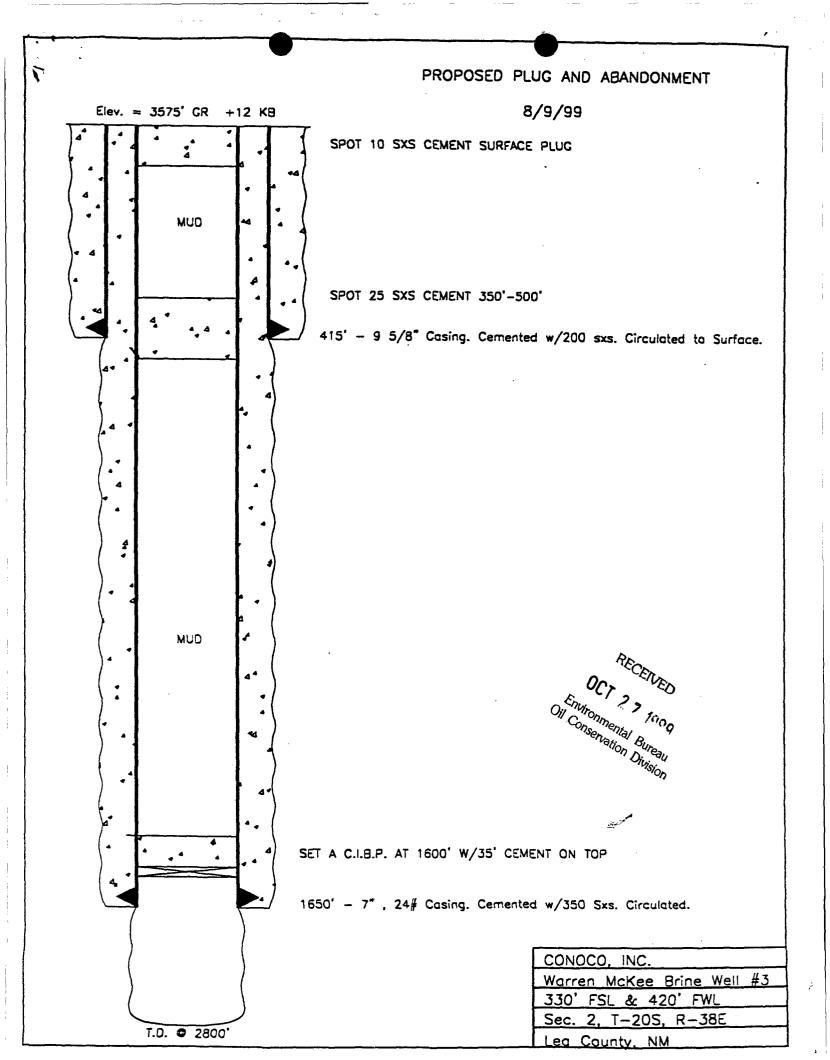
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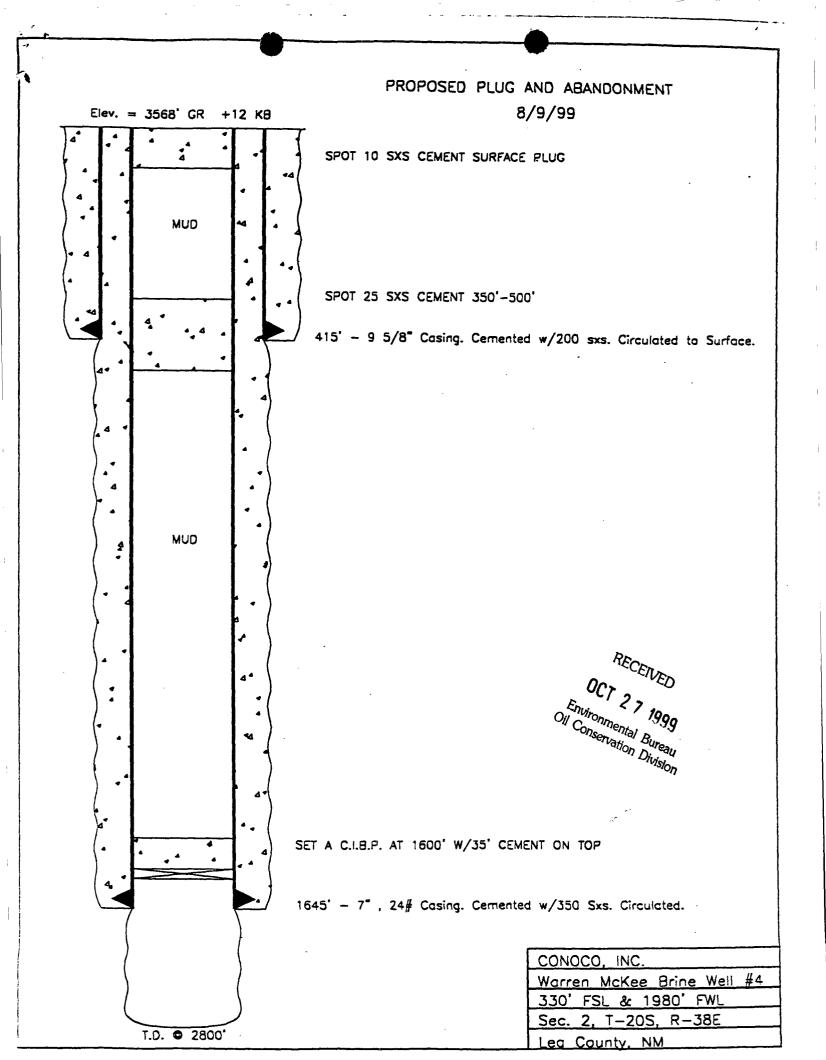


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Submit 2 Copies to Appropriate District Office	State of New Me Energy, Minerals and Natural Re		Form C-103 Revised 1-1-19	
DISTRICT I P.O. Box 1980, Hobbe, NM \$\$240	OIL CONSERVATION DIVISION 310 Old Santa Fe Trail, Room 206		WELL API NO. 30-025-32746	
DISTRICT II P.O. Drawer DD, Artesia, NM 88210	Santa Fe, New Mexi	∞ 8/303	5. Indicate Type of Lease	
DISTRICT III 1000 Rio Brazos Rd., Azzer, NM 87410			STATE XK FEE 6. Salo Oil & Gas Losse No. B-9652	
	TICES AND REPORTS ON WEL			
DIFFERENT RESE (FORM	ROPOSALS TO DRILL OR TO DEEPEN RVOIR. USE "APPLICATION FOR PER 2-101) FOR SUCH PROPOSALS.)		7. Lease Name or Unit Agreement Name	
1. Type of Well: OL CAS WELL VELL	) _ ·			
2 Name of Operator	omer Brine	Supply Well	Warren McKee Brine Wel 8. Well No.	
Conoco, Inc.			4	
3. Address of Operator 10 Desta Dr., Ste.	100W, Midland, Tx	79705	9. Pool same or Wildcak BSW Salado (96173)	
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Unit Letter <u>N</u> : <u>33</u>	0 Feet From The South	Line and198	0 Feet From The West	
Section 2	Township 20S Ra	urge 38E	NMPM Lea Cou	
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		8' GR		
n. Check NOTICE OF IN	Appropriate Box to Indicate 1	-	SEQUENT REPORT OF:	
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	PLUG AND ABANDON XX	REMEDIAL WORK		
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work) SEE RULE 1103.			luding estimated date of starting any proposed	
	at 1600' with 35'		top.	
2. Circulate hole	with gelled brine :	mud.	Dn.	
3. Spot a 25 sack	cement plug 350'-5	001.	RECEIVED	
4. Spot a 10 sack	cement surface plu	g.	UCT2-	
5. Install dryhol	e marker and clear	location.	Environmental Bureau Oil Conservation Division	
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### 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,

Walper 1

Wayne Price-Pet. Engr. Spec. Environmental Bureau



# NEW MEXICO RERGY, MINERALS & NATURAL RESOURCES DEPARTMENT



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September 11, 1999

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

<u>CERTIFIED MAIL</u> <u>RETURN RECEIPT NO. Z 357 870 150</u>

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

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.

<u>Please find enclosed an OCD Brine Well Test Schedule and Test Procedure for this Fall October</u> 25, 1999 through November 2, 1999. Please have your well ready for testing on the date and <u>time you are schedule</u>. 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

#### OCD BRINE WELL TEST SCHEDULE

#### FALL OF 1999

Company		DP#	Facility Nar	ne		Date of Test	Start	Stop	Type of Test(s) Required
P&S Brine	**	BW-002	Eunice Eunice W	Vater ST.	Oct	ober 25 1999	8 am	12 noon	Isolate cavern & pressure test casing + Cavern survey**
Simms-McCasland	**	BW-009A	Eunice Brine Sta	tion	Oct	ober 25 1999	9:30 am	1:30 pm	Isolate cavern & pressure test casing + Cavern survey**
Goldstar		BW-028	Eunice Brine Sta	tion	Oct	ober 25 1999	11 am	3 pm	Pressure test cavern
Key Energy		BW-018	Rowland Trucke	rs #2	Oct	ober 26 1999	8 am	12 noon	Pressure test cavern + Cavern survey***
Scurlock-Permian	**	BW-012	Hobbs Station		Oct	ober 26 1999	9:30 am	1:30 pm	Isolate cavern & pressure test casing + Cavern survey**
Salty Dog, Inc.	**	BW-008	Arkansas-Jct		Oc	ober 26 1999	11 am	3 pm	Pressure test cavern + Cavern survey***
Quality Oil (Salado Brine Sales)		BW-025	Salado Brine St.			ober 27 1999	8 am	12 noon	Isolate cavern & pressure test casing + Cavern survey**
Conoco		BW-001	Warren -McKee			ober 27 1999	1:30 pm	5:30 pm	Isolate cavern & pressure test casing
Conoco	**	BW-001	Warren -McKee	#4	Oc	ober 27 1999	1:30 pm	5:30 pm	Isolate cavern & pressure test casing
ality Brine		BW-022	Tatum Water St.		Oct	ober 28 1999	9 am	1 pm	Pressure test cavern
Kenneth Tank Service		BW-013	Crossroads		Oc	ober 28 1999	11 am	3 pm	Pressure test cavern
WasserHaun		BW-004	Buckeye		- Oc	ober 29 1999	9 am	1 pm	Pressure test cavern
Marathon Brine St.		BW-015	Marthon Road			tober 29 1999	11 am	3 pm	Pressure test cavern
Loco Hills Brine	<u>.</u>	BW-021	Loco Hills		No	vember 1 1999	9 am	1 pm	Pressure test cavern
Jims Water Ser.		BW-005	SE of Artesia			vember 1 1999	11 am	3 pm	Pressure test cavern
&W Trucking		BW-006 &6A	Carlsbad Yard		- No	vember 2 1999	8 am	12 noon	Pressure test cavern
Key Energy-Carlsbad		BW-019	Rowland Trucke	rs		vember 2 1999	9:30 am	1:30 pm	Pressure test cavern
Scurlock/Permian	**	BW-027 &27A	Carlsbad Brine S	St.	No	vember 2 1999	11 am	3 pm	Isolate cavern & pressure test casing + Cavern survey**
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Notes:									
** Discharge Plan up for renew	val				_				
*** Cavern Surveys are Dischar			Companies have	the option	onto	perform now			· · ·
are at a later date approved	by O	CD.							
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### **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 **DI**ERGY, MINERALS & NATURAL RESOURCES DEPARTMENT



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

September 3, 1999

### <u>CERTIFIED MAIL</u> <u>RETURN RECEIPT NO. Z 357 870 122</u>

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

0	riginating	Party:	Wavne	Price-OCD
~				

Other Parties: David Wacker 281-293-5450 JAx 915-686-5780 3:55 pr

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 Mighand office and ensured compliance in the future.

Signed: 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

2802.44

RE: Mechanical Integrity Testing of Brine Supply Wells

Dear Mr. Jerry Hoover:

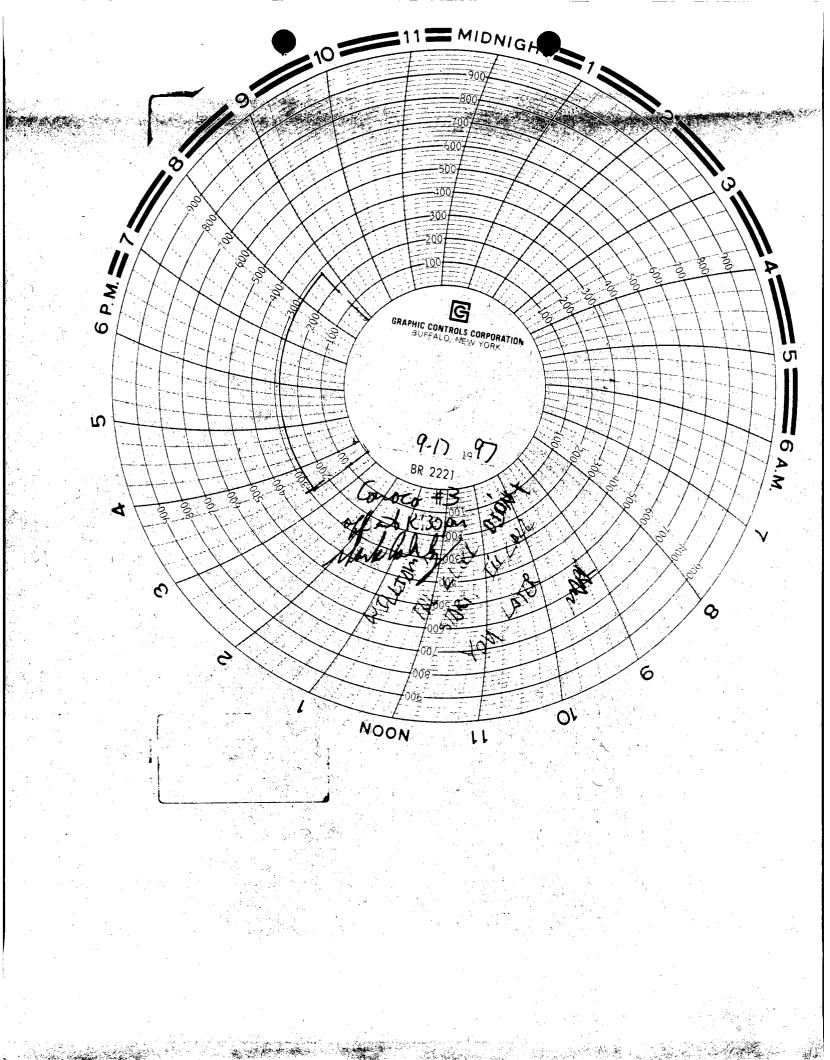
Enclosed is a copy of the mechanical integrity test conducted on your brine well. Please retain this copy for your records.

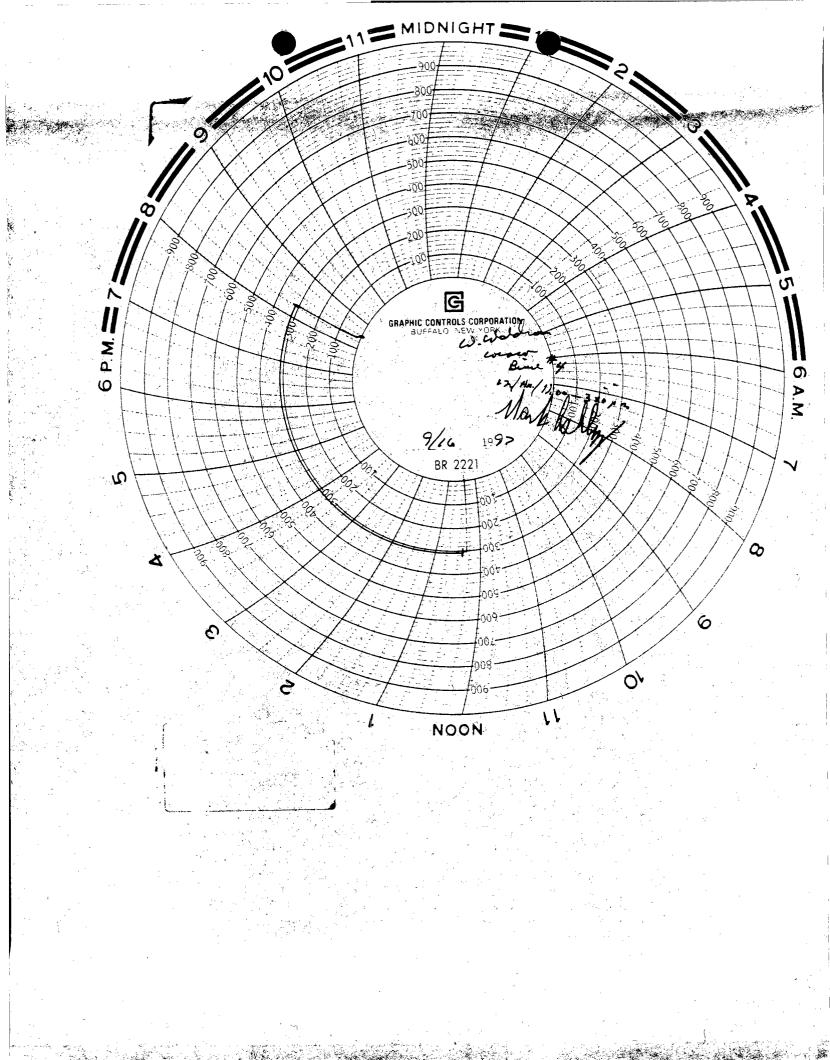
On behalf of the New Mexico Oil Conservation Division, I would like to thank you for your time and cooperation during the testing. If you have any questions, please contact me at (505) 827-7155.

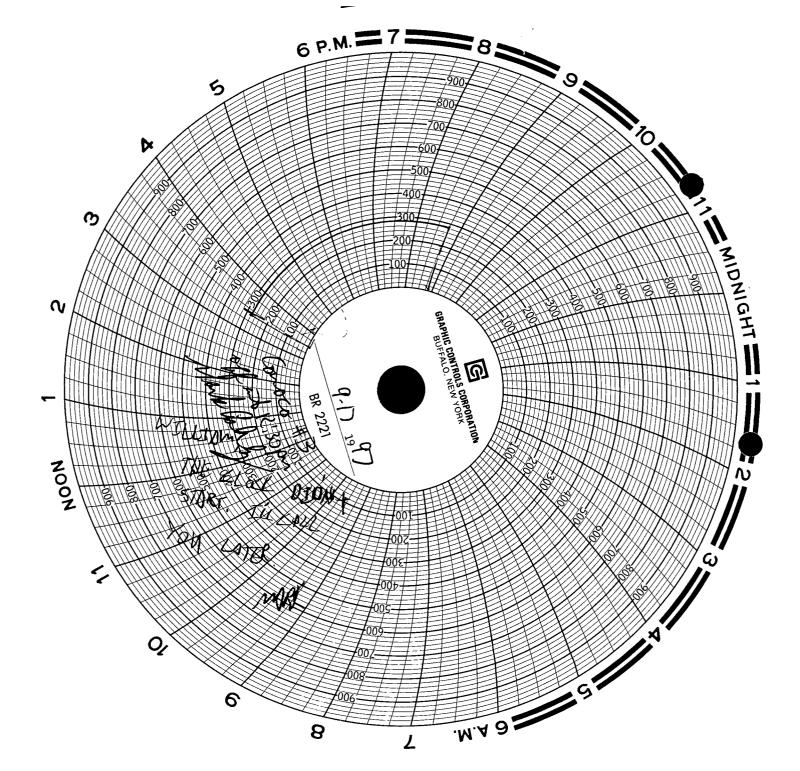
Sincerely, ark Jehly

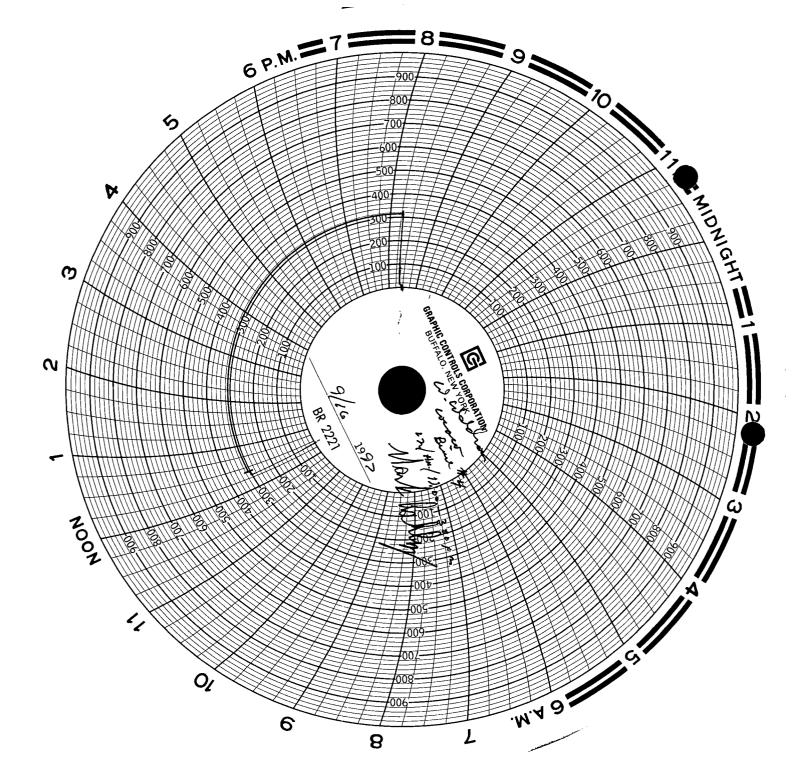
Mark Ashley Geologist

Attachment











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

OIL CONSERVATION DIVISION 2040 South Pachaco Street Santa Fe, New Mexico 87505

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

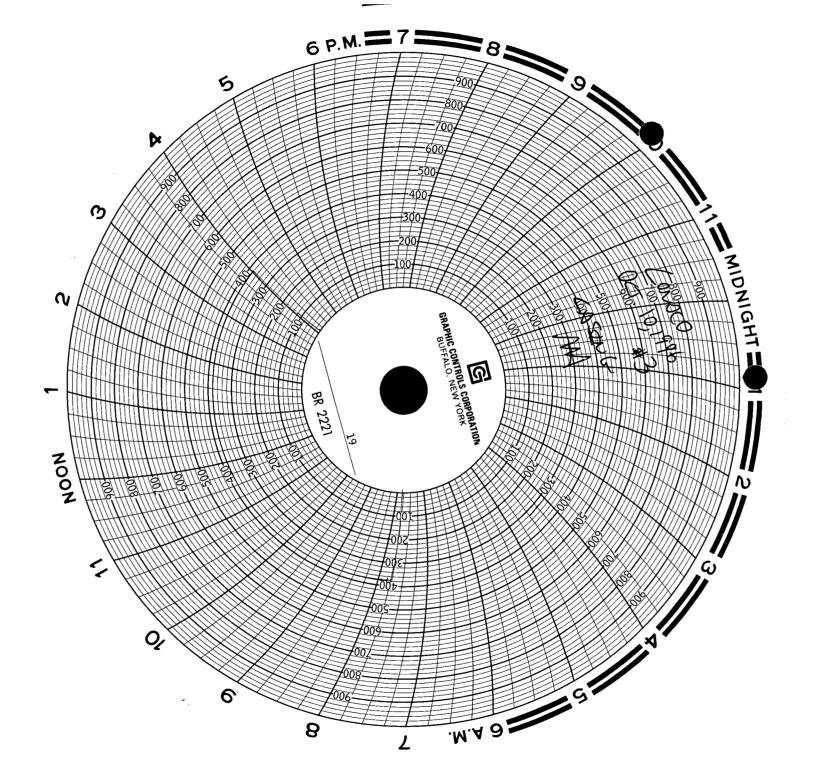
- 2) The system shall be tested to 1.5 times the normal operating pressure or 300 psi, whichever is greater, for a period of four hours. A maximum of 10 percent bleedoff will be allowed for annual tests. Testing conducted every five years or at the time of discharge plan renewal will have zero bleed-off.
- 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.

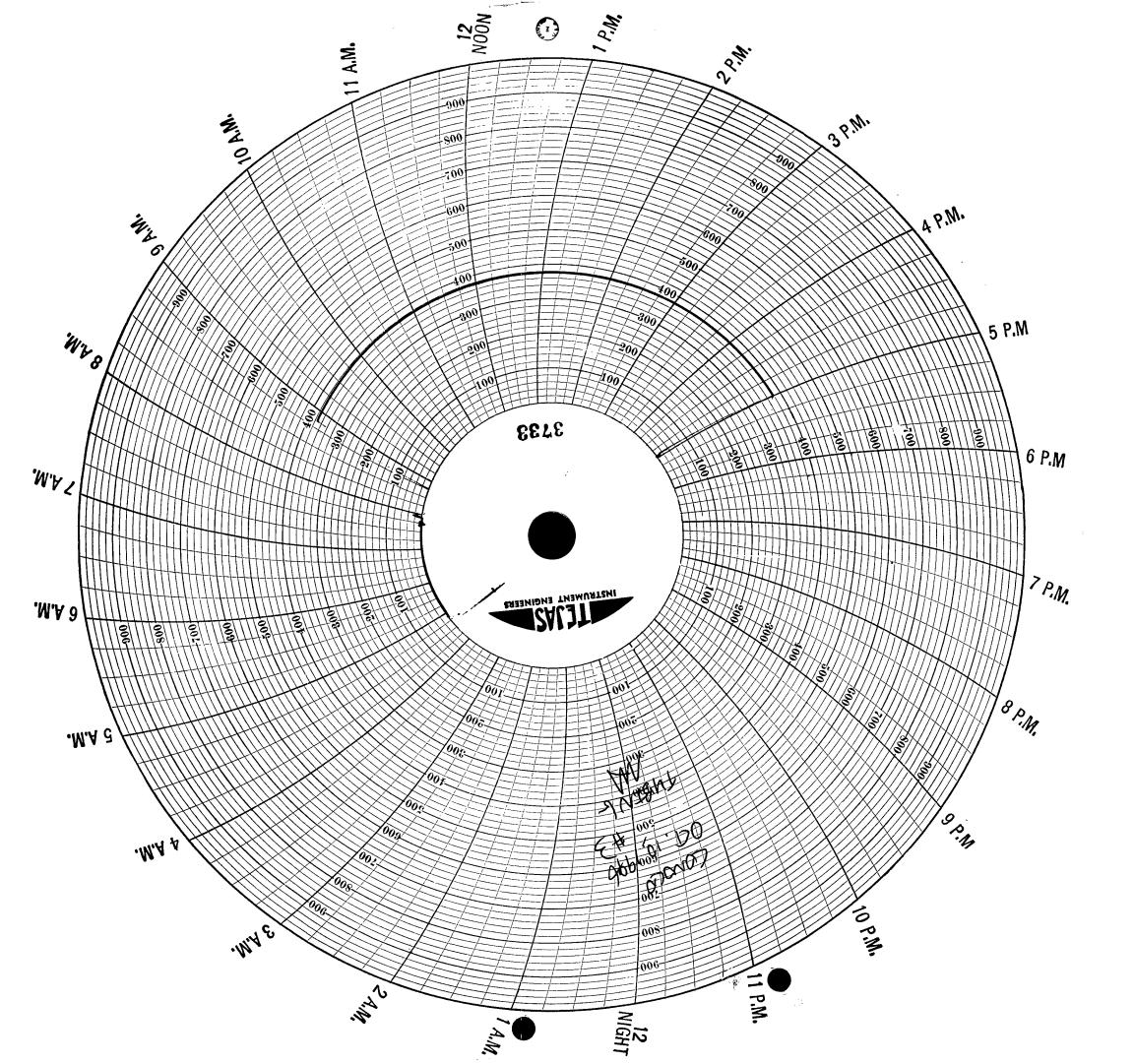
For brine wells operating with a packer:

- 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, ark harly Mark Ashley Geologist









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, Mark Ashley

Geologist

Attachment



# NEW MEXICO EN RGY, 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 bleedoff 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,

Halla

Mark Ashley Geologist

PS Form 3	800	, Apri	1 199	5										1
Postmark or Date	TOTAL Postage & Fees	Return Receipt Showing to Whom, Date, & Addressee's Address	Return Receipt Showing to Whorn & Date Delivered	Restricted Delivery Fee	Special Delivery Fee	Certified Fee	Postage	Post Office, State, & ZIP Code	Street & Number	Sent to	No Insurance Coverage Provided. Do not use for International Mail (See reverse)	US Postal Service Receipt for Certified Mail	P 288 258	
	47						\$	le			Provided. nal Mail ( <i>See reverse)</i>	tified Mail	623	

#### 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

NOTICE OF PUBLICATION STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION Notice is be to given that pursuant of the New Mexico Weber Quality let the Nëw Mexico Water Qualify-Control Commission Regulations, the following distraarge plan modification application have been submitted to the Director of the Oli Conservation Division, State Land Office Building, P.O. 'Box 2088, Santa Fé, New Mexico 87504-2088, Telephone (505) 827-500. 827-5800

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co 87504-2088, Telephone (505) i300: (BW-001) - Conoco Inc., Jerry Hoover, Sonior Con-erryation Coordinator, 10 Desta Brive West, Midland, Toxas, 79705-4514 has sub-mitted 'a discharge' plan modification application for its Warron McKee Brine Sta-tion struction, operations, located in the S/2 SW/4 Sec-tion 2, Township 20 South, Range 39 East, MMPM, Loa County, New Mexico. The proposed modification is (a) the Warren McKee brine wells: No.5 1 and 2 will be plugged and abandoned and (b) two new brine extraction wells, Worren McKee brine wells No. 3 and 4, will be drillod and completed to provide brine wator for Con-Doo's Warren McKee provide brine water for Con-bco's Warren McKee and Warren Unit Bilnebry-Tubb Warren Unit Blincbry-Tubb waterflood operations. Groundwater most likely to be affected by any academial discharge to the surface is at a depth of 70 to 145 test with a total dis-served solids concentration of 1160 mg/l. The dischargo plan addresses how spilla, leaks, and other academial discharges to the surface with be winninged.

will be managed. Any internsted saison may obtain further information from the Oil Con-Any interested period new obuilt interer information from the Oil Con-relyvation Division and may submit written commonits to the Director of the Oil Conservation Division at the addrese 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 thuy Friday! Priot to ruling on any prop-locad discharge plan or its modifica-tion, the Director of the Oil Conserva-tion by ison shail above at least thirty (30) days after the date of publication of this notice during which comments may be requested by, any interested person. Request for public thearing that set the date of publication of the notice during which comments may be requested by, any interested person. Request for public thearing that set for the vessions. why a hearing shall be held. A hearing Nearing shall sait torth 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 interming is held, the Director will approve the shan based on the information in the plan based on the information in the plan based on the searched at the hearing. GIVEN under the Seat of New Mexico Oli is Conservation. Commission at Oil Conservation Commission at Santa Fa, New Mexico, on this 18th day of October, 1994. STATE OF NEW MEXICO

OIL CONSERVATION COMMIS-SION

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

STATE OF NEW MEXICO County of Bernalillo



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 times, the first publication being on the dav OCL, 1994, and the subsequent consecutive publications of

1994



on

Sworn and subscribed to before me, a notary Pablic in and for the County of Bernalillo and State of New Mexico, this  $\Im$ day of . ()(£ € 1994.

PRICE

CLA-22-A (R-1/93) ACCOUNT NUMBER <u>C80</u>932

Statement to come at end of month.

# 😞 Affidavit of Pyblics

) ) ss.

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STATE OF NEW MEXICO

COUNTY OF LEA

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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 inf 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

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XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
entire issue of THE LOVINGTON DAILY LEADER and
not in any supplement thereof, one was week week week week week week week wee
www.www.www.www. for
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
October 26
and ending with the issue of
October 26 , 19.94
And that the cost of publishing said notice is the

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

which sum has been (Paid) (Assessed) as Court Costs unce Subscribed and sworn to before me this .26th day of  $\hat{\boldsymbol{z}}$ **/**\_\_\_\_\_, 19...9.4.... tober enner 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, Micland, 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. Published in the Lovington Daily Leader October 26, 1994.

## ACKNOWLEDGEMENT OF RECEIPT OF CHECK/CASH

	I hereby acknowledge receipt of check No. dated $6-14-94$ ,
	or cash received on $6 - 23 - 94$ in the amount of \$ $690^{-22}$
	from <u>Conoco</u> , Inc
	for <u>Karren Mckee Brine Station</u> (BW-cor)
	Submitted by: Date:
	Submitted to ASD by:
	Submitted to ASD by: <u>CHRIS EUSTICE</u> Date: <u>6-23-94</u> Received in ASD by: <u>Marken</u> Date: <u>6-23-94</u>
	Filing Fee New Facility Renewal _/
	Modification Other
	Organization Code <u>521.07</u> Applicable FY <u>94</u>
	To be deposited in the Water Quality Management Fund.
	Full Payment or Annual Increment
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NK XAS 78702	CONOCO, INC. SHERRI L WILLIAMS WORKING FUND 10 DESTA DR., SUITE 100W MIDLAND, TEXAS 79705
POST OFFICE BOX 3090, MIDI AND. TEXAS	PAY TO THE MED-Water Quality Managements \$ 690.00 Sur hundred menetry & 100 Dollars 0991 Renewal Lee THIS CHECK IS DELIVERENT ON THE ACCOUNTS LISTED Share & MULLARS

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OIL CONSERVE ON DIVISION Midland Division RECEIVED Exploration Production

'94 JUN 17 AM 8 50

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

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 Installment payments shall be remitted yearly, discharge plan. 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. Lethay 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)

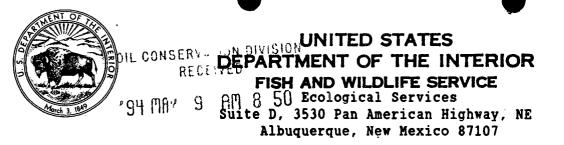
- 1. The seven hundred ninety dollar (\$790.00) flat fee shall be submitted on receipt of this approval. The required flat fee may be paid in a single payment or in equal installments over the expected duration of the discharge plan. Installment payments shall be remitted yearly, with the first installment due upon receipt of this approval and subsequent letters due on this date of each calendar year.
- 2. <u>Production Method:</u> 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. <u>Production/Injection Volumes:</u> The volumes of fluids injected (fresh water) and produced (brine) will be recorded monthly and submitted to the OCD Santa Fe Office quarterly.
- 4. <u>Mechanical Integrity Testing:</u> 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 the may witness the test.
- 5. <u>Brine Transfer Lines</u>: 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. <u>Maximum Injection Pressure:</u> 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. <u>Cavity Configuration:</u> 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. <u>Sump Construction:</u> 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. <u>Tank Berming</u>: 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. <u>Drum Storage:</u> All chemical and lubrication drums shall be stored on pad and curb type containment.
- 11. <u>Spill Containment:</u> 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. <u>Spill Reporting:</u> 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. <u>Well Workover Operations:</u> 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. <u>Closure:</u> 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.

& Fees Postmark or Date	Return Receipt Showing to Whom, Date, and Addressee's Address	Return Receipt Showing to Whom & Date Delivered	Restricted Delivery Fee	Special Delivery Fee	Certified Fee	M idla	P.O. State and ZIP Code	Hoover Com	Receipt Receipt Certifie Do not use (See Revers	P 111 :
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PS Form 3800, June 1991



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 DYNSION OKIEN & DEFAULTION DEFUSION

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

Jerry

(BW-01) - Conoco Inc., Jerry Hoover, Sr. Conservation Coordi (BW-01) - Concco Inc., Jerry, Hoover, Sr. Conservation Coordi-hator, 10 Desta Drive West, Mid-land, Texas, 79705-4514, has sub-nitted an application for the renewa of a discharge plan for the Warren McKee Brine Station, lo-Cated in Section 2; Township 20 South, Range 38 East, MIPH, Lea County, New Mexico. Approxi-mately 9,000 barrels per day of reclaimed sweage 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 cet with a total dissolved solids concentration of 1150 mg/1. The concentration of 1150 mg/l. The discharge plan addresses spills, leaks, and other accid es how mbal discharges to the surface will be managed. Any interested person may obtain further information from the Oil Con-Numer 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 application may be viewed at the above address between 8:00 a.m. and 4:00 p.m., Monday through Fri-day. Prior to ruling on any proposed day. Prior to ruling on any proposed discharge plan or its modification, the Director of the Oil Conservation Divi-Director of the Oil Conservation Divi-sion shall allow at least thirty (30) days after the date of publication of this notice during which comments may be submitted tohim and public hearing may be requested by any interested person. Requests for pub-lic 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 inter

t no public hearing is held, ... the Director will approve or disapprove the proposed plan based on informathe proposed pian based on informa-tion available. If a public hearing is held, the director will approve or disapprove the proposed pian based on information in the pian based on information submitted at the hearing. GIVEN under the Seal of New Mexico Dil Concentre Computer Sector New Mexico Oil Conservatin Commission at Santa Fe, New Mexico, on this 19th day of April, 1994

STATE OF NEW MEXICO OIL CONSERVATION DIVISION Journal: April 28, 1994

STATE OF NEW MEXICO **County of Bernalillo** 

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1913

My Commission Expires.

OFFICIAL SEAL

Bernadette Ortiz

NOTARY PUBLIC

STATE OF NEW MEXICO

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, 28th day for times, the first publication being on the

of April , 1994 and the subsequent consecutive publications

SS

1994

Sworn and subscribed to before me, a notary Public in and for the County of Bernalillo and State of New Mexico, this 284day of  $\mathcal{N}$ Dri 1994.

\$20.71 PRICE

Statement to come at end of month.

CLA-22-A (R-1/93) ACCOUNT NUMBER C 81184

# Affidavit of Publication

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

**JOYCO CLOEND** 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, forQNE
consecutive weeks, beginning with the issue of
April 12 194
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
Subseribed and sworn to before me this 27th day of
Mrs Jean Server
Notated Public, Eca County, New Mexico My Commission Expires Sept. 28, 19.94

#### LEGAL NOTICE NOTICE OF PUBLICATION STATE OF NEW EXICO 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 Bülding, P.O. Box 2088, Santa Fe, New Mexico 87504-2088, Telephone (505)827-5800:

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(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 sollds 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 Enday. 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.

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

SEAL



STATE OF NEW MEXICO



OIL CONSERVATION DIVISION

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENTE CERVED **OIL CONSERVATION DIVISION** HOBBS DISTRICT OFFICE

194 APR 26 AM 8 50

BRUCE KING GOVERNOR

To:

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

#### NMOCD Inter-Correspondence

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.

Jerry Sexton-District I Supervisor cc: Attachments-1

DRUG FRE



Midland Division Exploration Production  
 O'L CONSERVE (JN DIVIS**Contecto Inc.** RECE VED
 10 Desta Drive, Suite 100W Midland, TX 79705-4500

 \*94 АРК 11 АЛ 8 49
 1915) 686-5400

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.

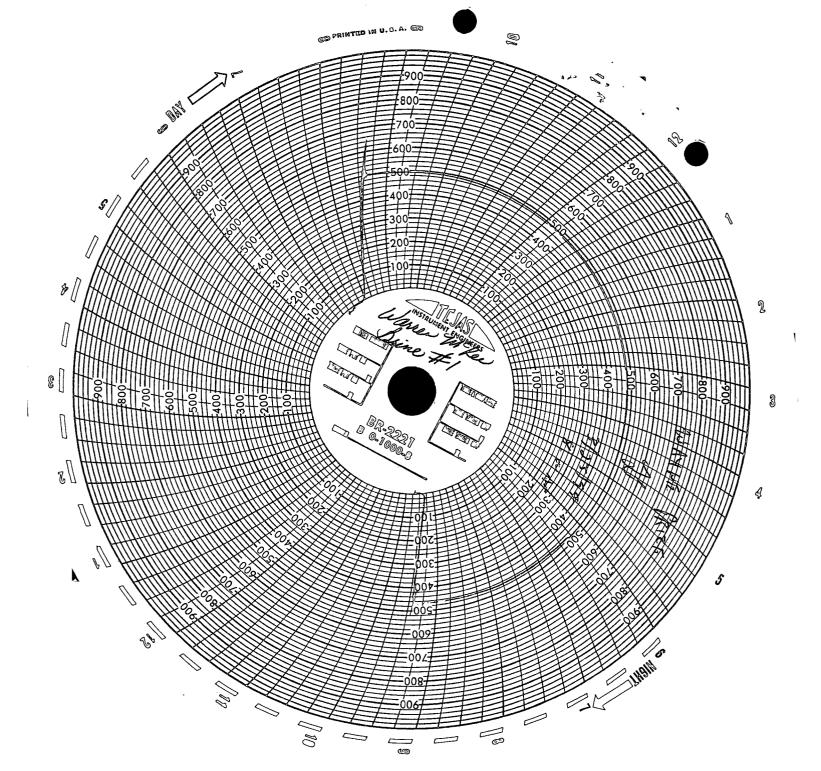
If you have further questions please call me at (915) 686-6548. Thank you.

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: UMsrew MCKee WELL NO
WELL STATUS: UFL DATE TESTED: 3/35/94
RESULTS OF TEST: 50005: 130 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:
NMOCOWITNESS: Ulayme Prices
BLM WITNESS:
CONOCOWITNESS: D. Sharp
Signed:

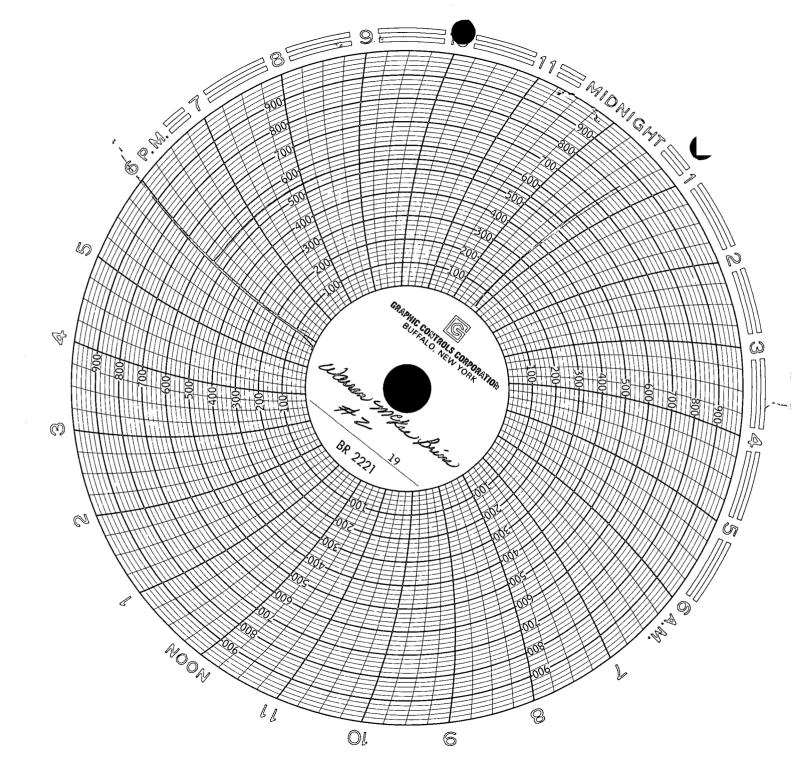
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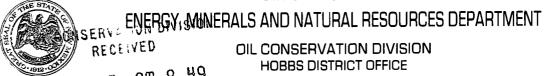
	e Communication
То:	Jerry Hoover
From:	B. Sharp
Date:	4/4/94
Subject:	ASING INTEGRITY TEST
	X
LEASE NAM	: Warner Mckee WELLNO. 2
WELL STAT	S: <u>UFL</u> DATE TESTED: <u>3/23/94</u>
RESULTS O	TEST: <u>54005; [30 min</u> .
REASON TE	T WAS TAKEN:
	Annual Test for Injection Well: Shut Well In: Temporarily Abandon: Well Service or Well Work: Other: 54v test
	Shut Well In: Temporarily Abandon: Well Service or Well Work: Other: Y AGENCIES NOTIFIED: BLM: NMOCD:
	Shut Well In: Temporarily Abandon: Well Service or Well Work: Other: Y AGENCIES NOTIFIED: BLM: NMOCD:
REGULATO NMOCDWITI BLM WITNE	Shut Well In: Temporarily Abandon: Well Service or Well Work: Other: Y AGENCIES NOTIFIED: BLM: NMOCD: ESS:

Signed: \_\_\_\_\_

COY\dw CASING.IOC



STATE OF NEW MEXICO



**OIL CONSERVATION DIVISION** HOBBS DISTRICT OFFICE

AM 8 49 °94 MAN 29

BRUCE KING GOVERNOR

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

#### NMOCD Inter-Correspondence

To:

Wayne Price-Environmental Engineer District I Will March 25, 1994

From:

Date:

Conoco Brine Wells Permit Renewal BW-01 Reference: 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 I have already sent Kathy Brown my field them. report.

Jerry Sexton-District I Supervisor cc:

New Mexico /11/ DRUG FREE

I N S	C L A	P A C	н О U	Q U A	NEW MEXICO OIL CONSERVATION COMMISSION FIELD TRIP REPORT							
P E	SI	I L	R S		Name <u>NAYNE PRICE</u> Date <u>3/25/94</u> Miles <u>15</u> District <u>I</u>							
CTI	S S I F I C A	· I T Y		E R	Time of Departure 7:3° Am Time of Return 8:3° Am Car No. 116	r 1						
Ô N	CATION			H O U R S	In the space below indicate the purpose of the trip and the duties performed, listing wells of leases visited and any action taken. Signature							
X					CONSCO BRINE WELL - WARREN Mekee 2-20-38 UNIT M							
T					MIT - SEL PACKER AZ 1415'							
					FOUND LEAK ON BOP, TIGHTENN, PRESSURE WOULD							
					NOT go OVER 400 psig - RESEL PACKARD-							
					RAN PRESSURE CHART 45 MIN & 15 LB OROP-							
					OK PER TELEPHONE WITH JERRY SEXTON							
					The per or prove preserves							
					WITNESS: BRUCE SHAND - EDVOED							
					GEPALA HUNSOU- HUDSON PARKARD							
					X-PERT Drost polling upit							
					GOLDSTAR - SUPPLIER PRESSURE EMART!							
					COMPAREN PRESSURE ENAML WITH TRUZK GAUGE- & ± 10 LB'S							
					( M/W/ lei							
					w prop v							
					Mileage     Per Diem     Hours       UIC     UIC     UIC							
1					UIC UIC UIC RFA RFA RFA							
					Other Other Other							
		NSPEC		<u> </u>	INSPECTION NATURE OF SPECIFIC WELL CLASSIFICATION OR FACILITY INSPECTED							
R F N W	= P1 = P1 = Wc = Ref = Wat	ll Te pair/ terfl shap ter C	g Clo st Norke or Sp	eanup over	U = Underground Injection Control - Any inspection of or related to injection project, facility, or well or P = Production resulting from injection into any well. (SWD, 2ndry I = Injection injection and production wells, water flows or pressure tests, surface injection equipment, plugging, etc.)       D = Drilling							

INSPECTI		P A C I L T	U R S	Q U A R T E R	F	Date <u>3/23/74</u> Time of Return 5	diles <u>/5</u> _District I				
I N N	FICATION	Y		H O U R S	In the space below indicate the performed, listing wells or lead Signature Where Puin	DUTDOSE of the trip and	the duties				
X			3		CONOZO BRIAG WELL - WARPH	N McHee 2-20-38	unit N				
T					WITNESS PRESSURE T	EST - SEL PACK	ER AL 1550'				
					FILLED WITH WATER PI	CESSURED 545 ps	C HELD 30 MIN				
					No DROP' det 513	NED EHARt!					
					ON SILE BRUZE SHAFA -	Copielo					
					SEPALN HUNSON	- HUNSON PACKERS	5				
					X- PEAL WELL	SEAVIER					
					Me CLASLAND HOT OILED for PRESSURE , CHAR						
					NOTE: CHECKED PIPIN WAS REMOVED	DURING TEST!					
							/ MAS Nie				
					Mileage HIC 30	Per Diem	Hours				
					UIC <u>JO</u> RFA		UIC				
					Other	RFA	RFA Other				
	TPE I	NSPEC			INSPECTION CLASSIFICATION		NATURE OF SPECIFIC WELL				
W	- Ho - Pl - Pl - Vo - Re( - Wat - Mit	useki Uggif Uggif 11 Tu pair/ terfi Shap ter C	ig ig ig Cl ist Nork or S	eanup over	U = Underground Injection Contr related to injection project resulting from injection in injection and production we tests, surface injection eq R = Inspections relating to Recommendation of the section of the sec	t, facility, or well or to any well. (SWD, 2ndry bls, water flows or pressure upment, plugging, etc.) clamation Fund Activity ated to injection or The Frement action taken in the	operations S = SMD U = Underground Storage G = General Operation F = Facility of location				

### ACKNOWLEDGEMENT OF RECEIPT OF CHECK/CASH

I	hereby acknowledge	e receipt of ch	eck No.	_ dated 3/21/94,
0	r cash received on	3/29/94	_ in the amount	of \$ <u>50.00</u>
f	rom Conoco, Ir	<u>C</u>		
f	or Warren-McKeen	Brine Well Fa	cility	RW-01
S	(Freiky Manner)		/ Date:	(DP No.)
S	ubmitted to ASD by:	Katty Bro	un Date:	3/30/911
R	eceived in ASD by:	đ	<u>Îl</u> Date:	3/38/04
	Filing Fee 🖄	_ New Facilit	Y Renewal	· ,
	Modification _	Other	·	
	Organization Code To be deposited in Full Payment	the Water Qual	ity Management H	
POST OFFICE BOX 3090, MDL AND, TEXAS 79702	SHERRI L WORKI 10 DESTA DF		3- Shorni L	22 1994 <sup>88-1046</sup> 3 1994 <sup>88-1046</sup> 3 1163 <sup>3</sup> 50.094 × DOLLARS 0991 0991

4	
	State of New Mexico Energy, Minerals and Natural Resources Department OIL CONSERVATION DIVISION P.O. Box 2088 Santa Fe, NM 87501
	234 [1] 8 39 DISCHARGE PLAN APPLICATION FOR BRINE EXTRACTION FACILITIES (Refer to OCD Guidelines for assistance in completing the application.)
	$\Box$ NEW $\Box$ 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: <u>SW</u> /4 <u>NW</u> /4 Section <u>2</u> Township <u>20S</u> Range <u>38E</u> 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.
Х.	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 personnaly 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: Juli Anna Date: 3/21/94

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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 ( $\pm$ 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 Blinebry-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.

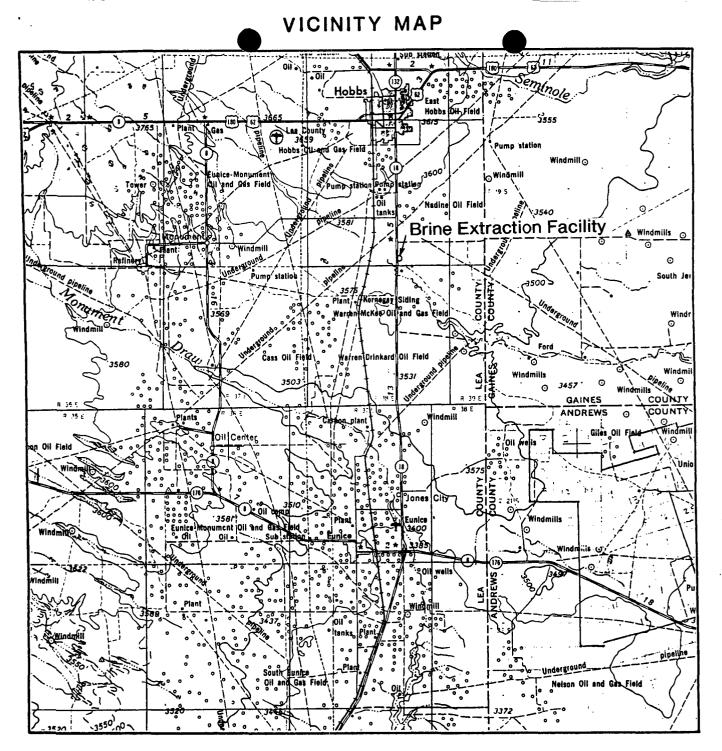
The \$50 filing fee required for the discharge plan renewal is also attached to this application.

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

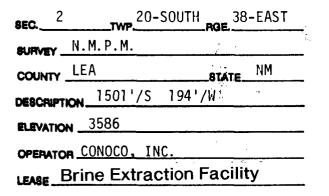
Very truly yours,

MMAam

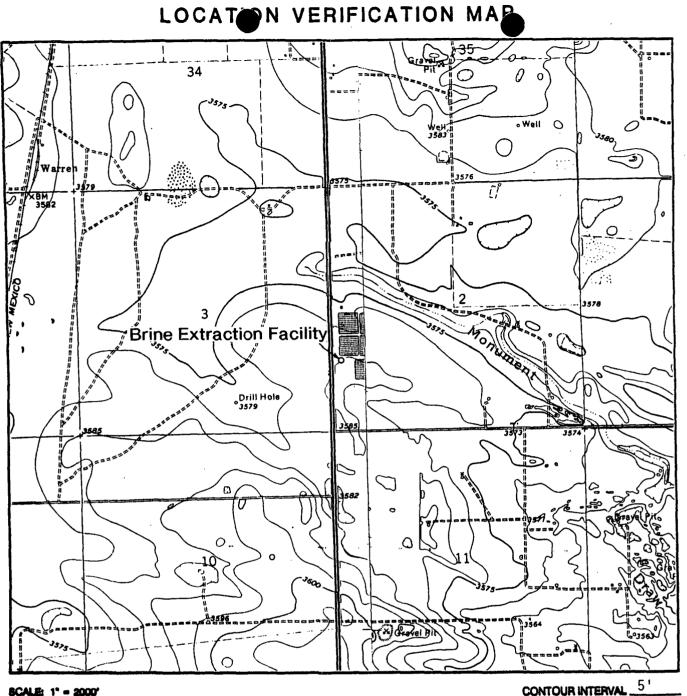
Øerry W. Hoover Sr. Conservation Coordinator



SCALE: 1" = 5 MILES



# WEST TEXAS CONSULTANTS, INC. ENGINEERS-PLANNERS-SURVEYORS MIDLAND, TEXAS 915-685-3800

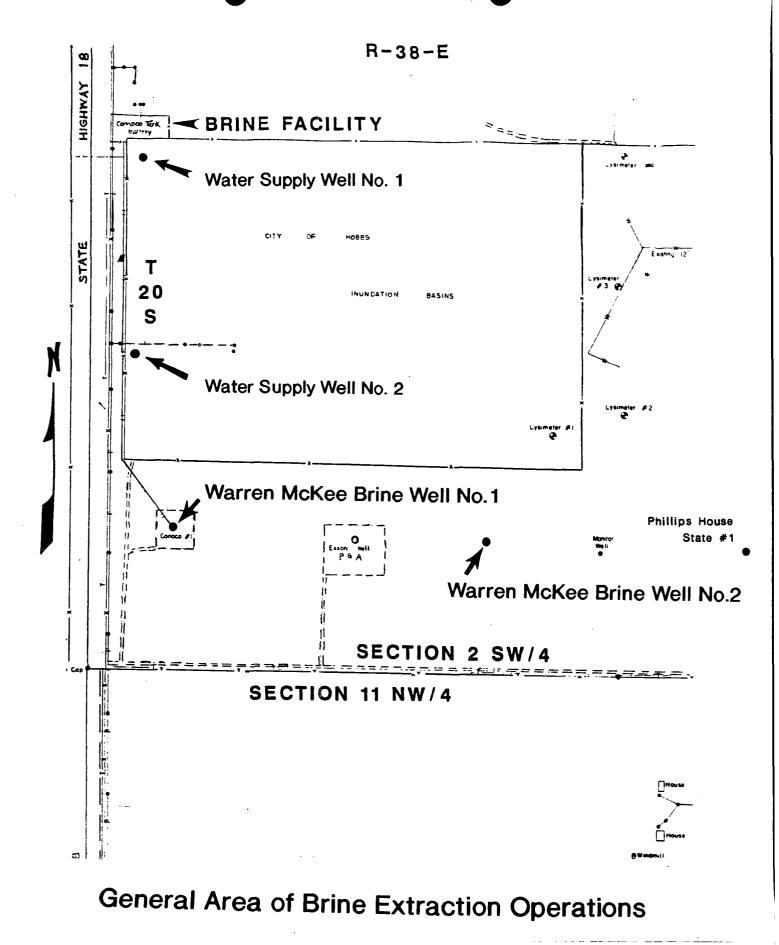


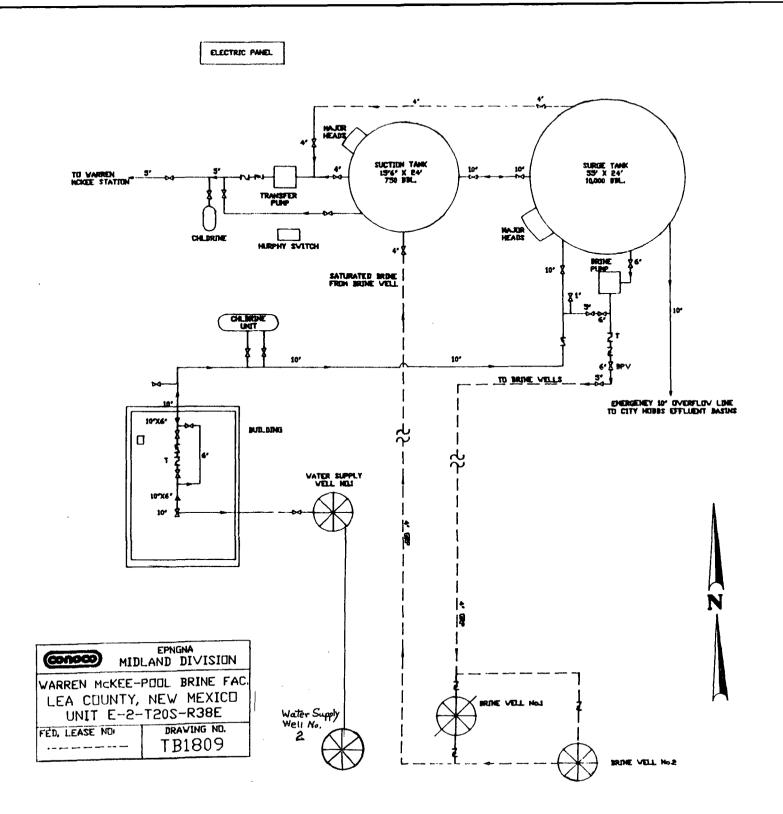
SCALE: 1" = 2000"

TWP. 20-SOUTH BGE 38-EAST 2 N.M.P.M. SURVEY LEA NM STATE\_ COUNTY DESCRIPTION\_1501'/S 194'/W 3586 ELEVATION CONOCO, INC. OPERATOR . **Brine Extraction Facility** LEAGE 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





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STATE OF NEW MEXICO



ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION



ANITA LOCKWOOD CABINET SECRETARY March 4, 1994

POST OFFICE BOX 2088 STATE LANO 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 MEXICD 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 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 charge 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.

-i, - ÷

Sincerely,

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, July John Hour 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 WOTICE OF PUBLICATION STATE OF NEW MEXICO ENERGY, MINERALS AND NATU-TAL REBOURCES DEPARTMENT OIL CONSERVATION DIVISION

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### STATE OF W MEXICO County of Bernalillo

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, Chaper 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

SS

in the regular daily edition,

CLA-22-A (R-12/91)

of......, 1991, and the subsequent consecutive publications on..... ....., 1991. Sworn and subscribed to before me, a Notary Public in  $\mathbf{S}$ and for the County of Bernalillo and State of New # 391.6 HADEFIT PRICE..... PERCICAN ..... am see 12-18-92 Statement to come at end of month.

ACCOUNTNUMBER C 31184

## Affidavit of Publication

STATE OF NEW MEXICO ١ ) 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
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) hassessed) as Court Costs

men2

Subscribed and sworn to before me this ......7th..

Maw dav of Public, Lea County, New Mexico Notary Frank Sept. 19.94 28

My Commission Expires

GAL NOTICE TION STATE OF NEW MEXICO NOTICE OF PUB ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION

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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 Polication

No	13521
SIATE OF NEW MEXICO,	
County of Eddy:	
Gary D. Scott	being duly
sworn, says: That he is the <u>Publisher</u>	of The
Artesia Daily Press, a daily newspaper of	general circulation,
published in English at Artesia, said count	y and state, and that
the hereto attached Legal Notice	
· · · · · · · · · · · · · · · · · · ·	
was published in a regular and entire issu	ie of the said Artesia
Daily Press, a daily newspaper duly quali	fled for that purpose
within the meaning of Chapter 167 of the	1937 Session Laws of
1	days
the state of New Mexico for	consecutive weeks on
the same day as follows:	
First Publication <u>May 1, 1991</u>	
Second Publication	
Third Publication	_
Fourth Publication	- <u></u>
	, , , , , , , , , , , , , , , , , , , ,
X/ann DC	JUN
Subscribed and sworn to before me this	<u>6th</u> day
of`	<u>May 19 91</u>
Baihara an	Bound
Notary Public, Eddy	County, New Mexico
My Commission expires September 23	
	LEGAL NOTICE
	NOTICE OF PUBLICATIC STATE OF NEW MEXIC
	ENERGY, MINERALS AN NATURAL RESOURCE: DEPARTMENT
	OIL CONSERVATION DIVISION
	Notice is hereby given t
	pursuant to New Mexi Water Quality Control Co
	mission Regulations, the flowing discharge pl
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	STA7 0 0 2 8 E A L Publishe Press, A 1991.

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### STATE OF NEW MEXICO

#### ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

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STATE OF NEW MEXICO OIL CONSERVATION DIVISION

Utilian J.Len IAMJ. LEMAY, Director

SEAL

CONOCO - WARREN MCKEE - CHRONOLOGY

-	
2-26-78	Warren McKee No 1 Well TD (2400-)
7-78 F	first record of produced brine
9-30-82	Conoco submits original DP to OCD
10-8-82	OCD reply requisiting additional into
11-11-82	Conoros submits additional infor requirsled
12-18-82	OCD original approval of D.P. GWB-3 DP-318
2-9-84	EID informs (onoro of transfer of authority i new Part 5
11-20-85	EID letter statur, concern over F.A & Bollapse
1-10-86	Conoco's response to Elij's 2 concerns?
1-24-86	Ell's response de Conords letter
2-25-87	EID request DP-318 renamed application
6-12-87	Conoro submits DP renewal application
11-24-87 12-18-87 5-26-88	DP-318 expires Conorois response w/ requested info
7-26-88	EID'S 200 request for add info. for DP renewal
10-18-88	EID resends their 7-26-88 letter (runors never received)
1-16-89	Conoros response to EID's 2nd megues -
2-27-8:	Concre submits DP modification for DP-318 (doit 2000) to ElDI
41-10-89	EID approves Concrois DP-318 renewal (exp. 4-10-74)
10-4-87	(voors submits DP modufirction for DA 318 (dull perimeter) to OCD
10-17-89	OCD approves DP modification
4-11-91	(ichore submit's DP modification to use both wells (DP-318 + BW-1)

KmB WARREN MCKEE BRINE STATION - (ONOCO SW/4 SW/4 NW/4 Sec 2, T205, R 38E, Lea (our ty Mark Mosley - Division Manager \$50,000 blanket plugging formal Jerry Hoover - - Regulator ; Coordinator

4-91

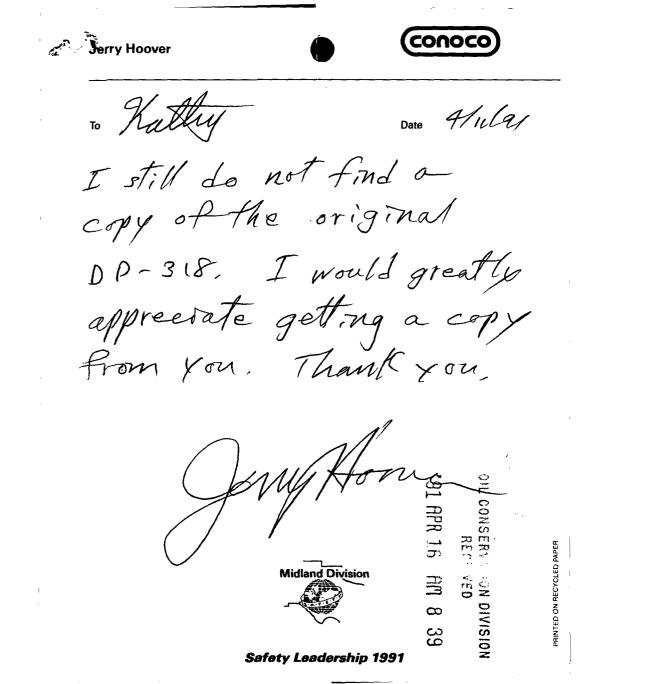
### Procedus-es & i

1) Circ. 1250 to 1650 bb! water purchased from (ity of Hobbs. Brine moduces 267,320 ppm7DS (10-8-79) Brine used for Conorois Warren McKee Water flowd \* Freshwater taken from 10,000 bbl freshwater - a. K (ang i kubb) to well, brine produced, piped to .750 bbl mixing tank where mixed with fresh water for appropriate mixture and then piped to waterflood 41 mil to sw via underground fiberglass pipelines w/ plastic coated constrations

Hydro

-GW is located @ 70'+0145' w/ a TDS of 1,150 mg/l -Water well 's mi North: 105'TD ogalalla agenifer TDS=1112 mg/l

ATTACHMENT #1 WAREN MEKee Brine Well . 1 Date Spudded: 1-20-78 Date Completed: 2-26-78 Elev: 3580.9 G.L. Location: 710' FSL & 420' FWL TD: 2400' RBM: IL'AGL Sec. 2, T-205, R-38E Lea County, New Merico Sw14 Sw14 NW14 Unit M 0'- 40' Caliche & ste. Reck 40'-150' Surface Rock Rack-150'-1560' Redbed 133/8" 48# H-40 stc. (59.6250" 1560'-1650' Anhydrife Cmt. w/250 5x. Cire. 1650'. 2400' Salt, Anhydrife Red Bed 3.5" 9.30# J.55 EUE Tubing @ 2168 Completion Report 9518" 36# H-40 (sq. @ 1456' 7 1456-2400 Cmt. w/721sx. Circ. Salado Salt Rustler Holydrib 1650 -- SALADO SALT - OPEN hole section (83/4") 2168' Salado Sall & Andryde its TD 2400' 2750 from 2 ather well 5





OIL CONSERV ION DIVISION RECEVED

Midland Division Exploration and Production

'91 APR 16 AM 8 59

Conoco Inc. 10 Desta Drive West Midland, TX 79705-4514 (915) 686-5400

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

FOR Rathy	NT ME SAGE	A.M. P.M.
TELEPHONED	PLEASE CALL	
CAME TO SEE YOU	WILL CALL AGAIN	
WANTS TO SEE YOU	RUSH	
RETURNED YOUR CALL	SPECIAL ATTENTION	
MESSAGE Re: Wa Brind	rren Mckee DP-318	

•

, A Jerry Hoover 4-11-91 Drilled 2<sup>nd</sup> Brie Well. Slaughing down hole Want to reopen Well#1 (TAd) - (Warren Mckee being water flooded } - (Hobbs city, Water, circulate, saturate) Using City of Hobbs water to inject into insite bone wells & produce bone to use for water flood. Not being sold or used commercially. Want to restart Well I which was TA? because their was sloughing down hole which tured Conoco to doill Well # 2. Having problems. now (also stoughing) with Well # 2. Want to get both wells in working order and use both wells of 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 sert). Well #2 is currently being used, but periodically have to shut down for several days to Work over · · · · · 

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; 1991 9-10 10 - 1117 7

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STATE OF NEW MEXICO



### ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

**OIL CONSERVATION DIVISION** 

GARREY CARRUTHERS

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 classigied 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,

Rogér C. Anderson Environmental Engineer

RCA/sl

cc: Hobbs District Office



Midland Division Exploration and Production OIL CONSERVE ON DIVISION RECEIVED

Conoco Inc. 10 Desta Drive West Midland, TX 79705-4514 (915) 686-5400

'90 NOU 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,

O14 R. D. Kiker

Safety, Environmental, Regulatory and Training Manager

JTD\078\tm

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 onWaterClientConoco, Inc.Delivered byJim 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 Analyst	11-9-90 J. Barnett	Method: SW846,5030/8020	
<u>Compound</u> Benzene		<u>mg/L</u> *0.005	
Toluene		*0.005	
Ethyl Benzen	e	*0.005	
Total Xylene	:S	*0.005	

#### \*Denotes "less than"

Copies: Conoco, Inc. Attn: Jim Dosch

Reviewed by

GRIES sout ABORA

Our letters and reports are for the exclusive use of the client to whom they are addressed. The letters and reports shall not be reproduced except in full without the approval of the testing laboratory. The use of our name must receive prior written approval.



January 26, 1990

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

GARREY CARRUTHERS

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,

OHL CONSERVATION DIVESION

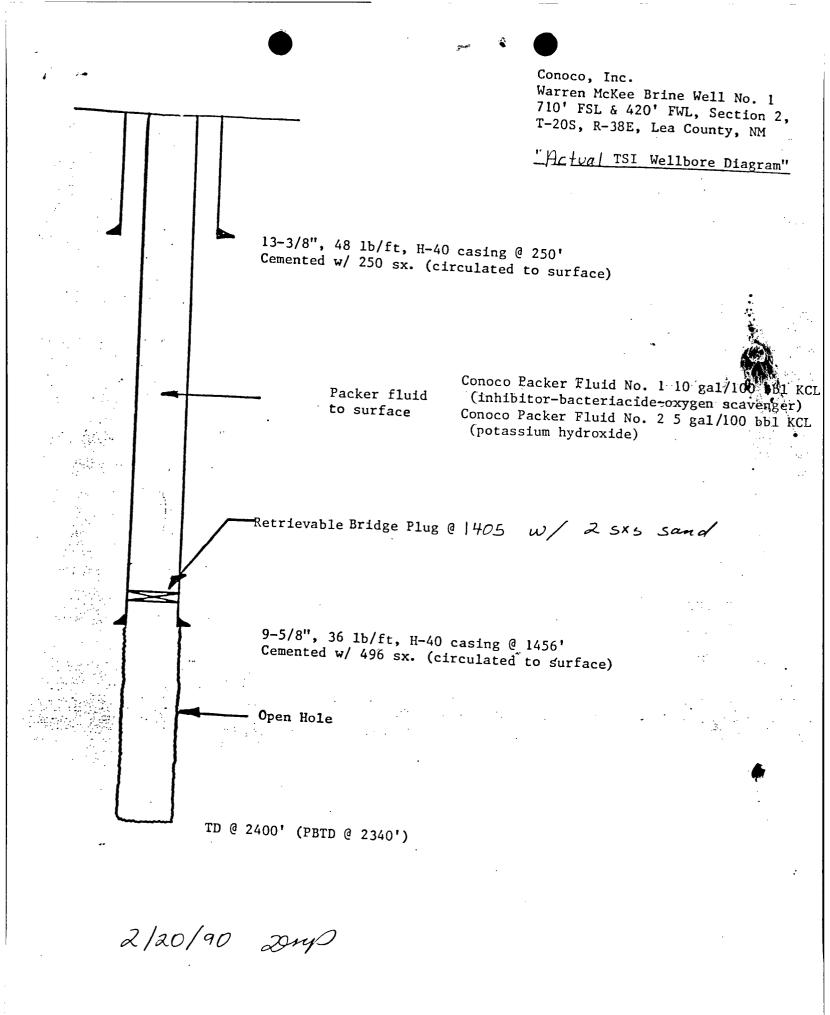
Jerry Sexton Supervisor, District I

ed

cc: Dave Boyer - OCD Santa Fe

Submit 3 Copies	State of New Mexico Energy, Minerals and Natural Resources Department	Form C-103 Revised 1-1-89
DISTRICT J P.O. Box 1980, Hobbs, NM 88240	OIL CONSERVATION DIVISION P.O. Box 2088	WELL API NO.
DISTRICT II P.O. Drawer DD, Anesia, NM 88210	Santa Fe, New Mexico 87504-2088	5. Indicate Type of Lease
DISTRICT III 1000 Rio Brazoc Rd., Alece, NM 87410		STATE FEE
TOD MAR IS		6-9652
( DO NOT USE THIS FORM FOR PRO DIFFERENT RESER	CES AND REPORTS ON WELLS POSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A RVOIR. USE "APPLICATION FOR PERMIT" 101) FOR SUCH PROPOSALS.)	7. Lease Name or Unit Agreement Name
OL GAS WELL	OTHER Prine Extraction	Navin MALL
2. Name of Operator	lue.	8. Well Na.
3. Address of Operator D. Box	460 - Hobby NM 82240	9. Pool name or Wildcat Massen MEKee
4. Well Location Unit Letter:7/0	Feet From The South Line and 42	O Feet From The West Line
Section	205 20E	
11. Check A NOTICE OF INT	Appropriate Box to Indicate Nature of Notice, R ENTION TO: SUB	eport, or Other Data SEQUENT REPORT OF:
PULL OR ALTER CASING	CASING TEST AND CE	
OTHER:	OTHER:_/emf	yarily Avaidon &
	tions (Clearly state all pertinent details, and give pertinent dates, inclu	
2/15/90 POOH w/	ttg. Set RBP@ 1405. Ter	+ caring to 500# for
15 minutes.,	Held. Circulate wellbore i	w/150 Bbl packes
pluid Apo	of 2 sta sand on RBF	Top well off w/per
fluid. Cha	Held. Cisculate wellbore of A 2 sta Sand on RBF st and wellbore diagra	m attached.
I hereby certify that the information above is true	e and complete to the best of my knowledge and belief.	
SKONATURE	12 me Denservate	on Coordinator DATE 3/2/90
TYPE OR PRINT NAME HA	LAgram	TELEPHONE NO. 397-5800
(This space for State Use) ORIGINAL STOTION DISTENT 1.5	BY JERRY SECTON DE RAMICOR	MAR 1 6 1990
APTROVED BY		

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## THE REPRODUCTION OF

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FOLLOWING

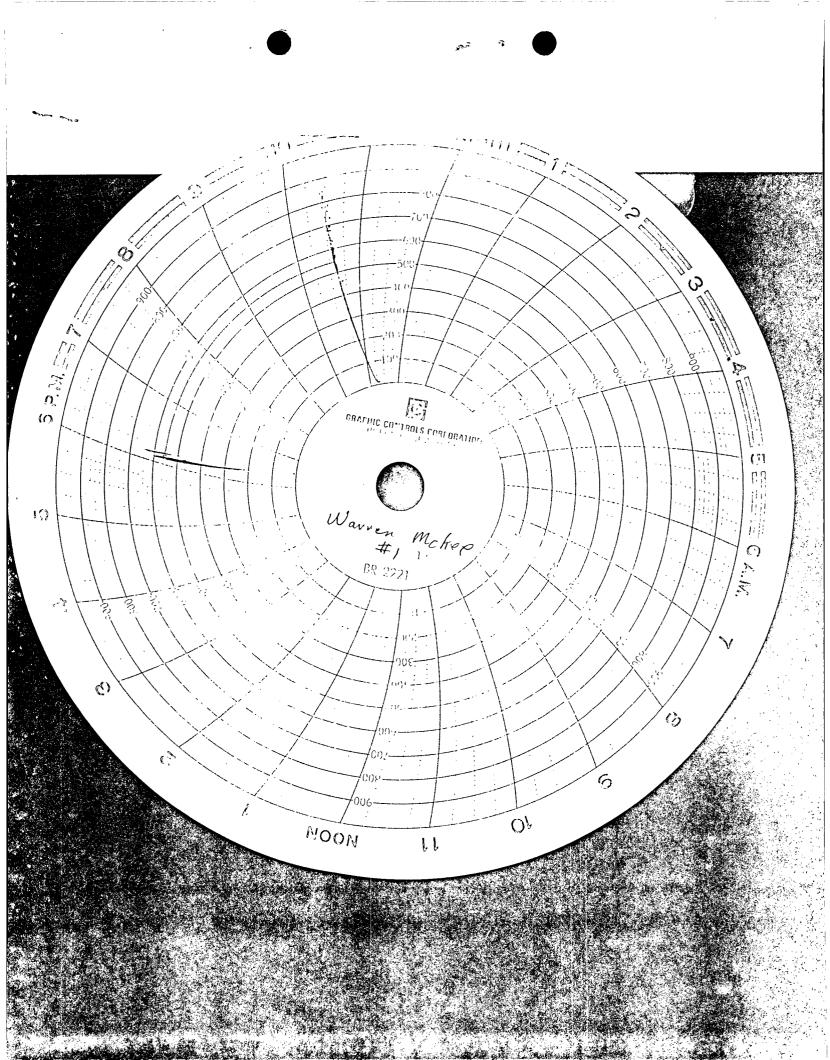
**DOCUMENT (S)** 

**CANNOT BE IMPROVED** 

**DUE TO** 

THE CONDITION OF

**THE ORIGINAL** 







### 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.

## **NM OIL CONSERVATION DEPT**

WELL LOG # Waven MCKee Brine Well #2

## **REMOVED FROM FILE**

BWOOL

\_\_\_\_\_ . BOX

NUMBER <u>30</u>

# **RETURNED TO CUSTOMER**