

ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION



GARREY CARRUTHERS  
GOVERNOR

July 27, 1987

POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87501  
(505) 827-5800

Texaco USA  
P.O. Box 728  
Hobbs, New Mexico 88240

Attention: K. L. Johnson

Re: Amendment of Order  
SWD-313

Dear Sir:

Reference is made to your request dated June 16, 1987 for an amendment to Division Order No. SWD-313. This order authorized the use of the A. H. Blinebry Federal (NCT-1) Well No. 11, located in Unit L of Section 28, Township 22 South, Range 38 East, NMPM; Lea County, New Mexico, as a disposal well with injection into the San Andres formation from approximately 4952 feet to approximately 5030 feet. It is our understanding that you now wish to extend the injection interval in the well to include perforations from approximately 4380 feet to approximately 5030.

You are therefore authorized to extend the injection interval in the above described well to include perforations from approximately 4380 feet to approximately 5030 feet subject to the following conditions:

(1) The subject well shall be perforated and squeeze cemented from a depth of approximately 4000 feet to approximately 4380 feet to insure the injected fluid will be confined to the San Andres zone.

(2) A mechanical integrity test shall be conducted on the well after cementing operations are completed.

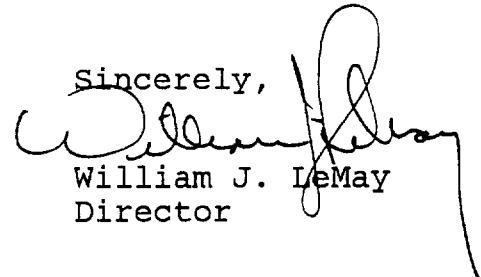
(3) The new packer setting depth will be approximately 4350 feet in the subject well.

(4) The new injection pressure limitation will be 876 p.s.i. for the subject well.

(5) The operator shall notify the supervisor of the Division's Hobbs district office of the date and time said cement operations and mechanical integrity test are to be conducted on the well.

(6) All other provisions contained in Division Order  
SWD-313 will remain in full force and effect.

Sincerely,

A handwritten signature in black ink, appearing to read 'William J. LeMay', with a long, sweeping vertical line extending downwards from the end of the signature.

William J. LeMay  
Director

xc: OCD- Hobbs  
File- SWD-313

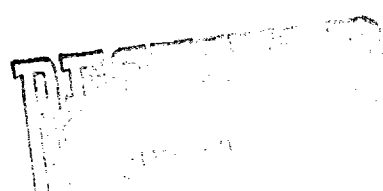


STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION  
HOBBS DISTRICT OFFICE

GARREY CARRUTHERS  
GOVERNOR

POST OFFICE BOX 1980  
HOBBS, NEW MEXICO 89241-1980  
(505) 393-6161

62581



OIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

RE: Proposed:

MC \_\_\_\_\_  
DHC \_\_\_\_\_  
NSL \_\_\_\_\_  
NSP \_\_\_\_\_  
SWD ☒ \_\_\_\_\_  
WFX \_\_\_\_\_  
PMX \_\_\_\_\_

Gentlemen:

I have examined the application for the:

*Tesaco Inc. A H Blumby Fed act-1 Bty 3 #11-L*  
Operator Lease & Well No. Unit S-T-R 28-22-38

and my recommendations are as follows:

*OK*  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Yours very truly,

*Jerry Sexton*  
Jerry Sexton  
Supervisor, District 1

/ed



Texaco Inc.

June 16, 1987

State of New Mexico  
Department of Energy & Minerals  
Oil Conservation Division  
P. O. Box 2088  
Santa Fe, New Mexico 87501

Attention: Mr. David Catanach

RE: Amendment to Salt Water Disposal Permit  
A. H. Blinebry Fed. NCT-1 Well No. 11  
Unit Letter L, Sec. 28, T-22-S, R-38-E  
Lea County, New Mexico

Gentlemen:

Texaco Inc. respectfully requests administrative approval of the following proposed modification to ORDER SWD-313, dated February 25, 1987, under the provisions of Rule 701.B.3. and 701.D.

It is proposed that the upper limit of the injection interval be extended to 4380', within the San Andres formation. As shown on the attached Injection Well Data Sheet, the top of cement in the subject well is at 4715'. To correct this, Texaco will perforate from 4378' to 4380', 2 SPF, and circulate or squeeze with 100 sacks of cement. It is calculated that this will result in a cement plug from approximately 4380' to 4000'.

In addition, it was found that the Bravo Energy - Lineberry Well No. 1. located in Unit Letter G, Sec. 29, T-22-S, R-38-E, is outside of the 1/2 mile radius of review according to New Mexico Oil Conservation Division records. The 1/2 mile radius of review plat and the table for the wells within this radius have been corrected.

In support of this request, you will find attached:

- 1) Form 3160-5 proposing well work to modify the subject wellbore.
- 2) Injection Well Data Sheet.
- 3) Map identifying wells and leases within 2-mile radius.
- 4) Map identifying the 1/2 mile radius of review.
- 5) Table containing data on wells in the area of review.
- 6) List of affected offset operators and surface owner.
- 7) Letters mailed to offset operators and surface owner notifying them of this request.
- 8) Affidavit of publication and copy of legal notice.

Your timely consideration of this request will be greatly appreciated.

Yours very truly,

A handwritten signature in cursive script, appearing to read "K. L. Johnson".

K. L. Johnson  
Eunice Area Superintendent

RHP

Attachments

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

LC-032104

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

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

1.

OIL WELL ☐ GAS WELL ☐ OTHER S.W.D. WELL

2. NAME OF OPERATOR

TEXACO INC.

3. ADDRESS OF OPERATOR

P.O. BOX 728, HOBBS, N.M. 88240

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

UNIT LETTER L, 1980 FSL 4 330' FWL

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

A.H. BLUNE BRY FED. NCT-1

9. WELL NO.

11

10. FIELD AND POOL, OR WILDCAT

SAN ANDRES

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

SECT 28, T22S, R38E

14. PERMIT NO.

30-025-12144

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

3386' (DF)

12. COUNTY OR PARISH

LEA

13. STATE

NM

16.

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

☐  
☐  
☒  
☐

PULL OR ALTER CASING

☐  
☐  
☐  
☐

FRACTURE TREAT

MULTIPLE COMPLETION

SHOOT OR ACIDIZE

ABANDON\*

REPAIR WELL

CHANGE PLANS

(Other)

WATER SHUT-OFF

☐  
☐  
☐

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

☐  
☐  
☐

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

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

WELL IS CURRENTLY COMPLETED IN THE SAN ANDRES ZONE. THE S.W.D. SURFACE INJECTION PRESSURE TESTED ON MAY 21, 1987, REACHED 1250 PSI. THE N.M.O.C.D. WILL ALLOW 990 PSI SURFACE PRESSURE. IT IS PROPOSED TO PERFORATE ADDITIONAL SAN ANDRES.

1. M.I.R.U. TOH w/2 7/8" I.P.C. TUBING AND 7" BAKER TSN PACKER.

2. G.I.H. AND SET 7" C.I.B.P. @ 4800'. PERFORATE 7" CSG @ 4378'-80'.

3. T.I.H. w/WORKSTRING AND 7" CMT RETAINER. TRY TO ESTABLISH CIRCULATION. IF CIRC. CAN NOT BE ESTABLISHED. SQUEEZE 100% CLASS II + 2% CaCl<sub>2</sub> CEMENT THRU PERFS. TOH.

4. T.I.H. w/6 1/8" BIT AND DRILL CUT CEMENT RETAINER, CMT, CLEANOUT TO 4800' TOH.

5. PERFORATE SAN ANDRES ZONE @ 4449'-4478', 4483'-4500', 4510'-4575', AND 4592'-4629'; 25PF, 242 SHOTS.

6. T.I.H. w/PKR AND WORKSTRING. ACIDIZE PERFORATIONS w/10,000 GALLONS 15% NEFE ACID AND BALL SEALERS.

7. SWAB LOAD BACK TOH.

8. T.I.H. w/BAKER 7" TSN PACKER AND 2 7/8" I.P.C. TBG. SET PKR @ 4350'.

9. CIRC. PKR FLUID AND PLACE WELL ON INJECTION.

10. ALLOW WELL TO STABILIZE AND RUN STEP RATE TEST.

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

SIGNED

*KE Johnson*

TITLE

AREA SUPERINTENDENT

DATE

6-15-87

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

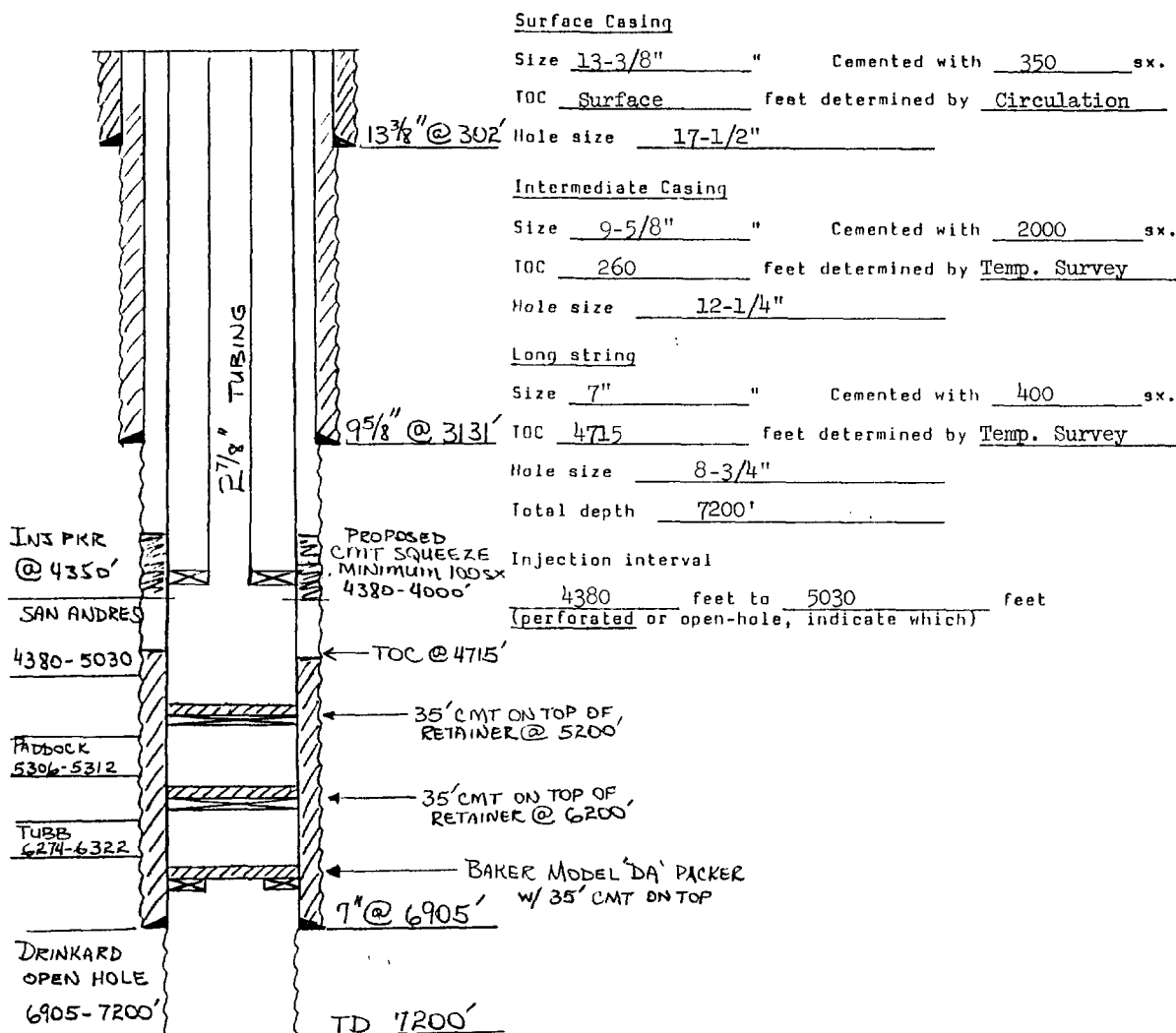
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

Texaco Inc. A. H. Blinebry Fed. NCT-1  
 OPERATOR LEASE  
 11 1980' FSL & 330' FWT. 28 22-S 38-E  
 WELL NO. FOOTAGE LOCATION SECTION TOWNSHIP RANGE

Schematic

Tabular Data



Tubing size 2-7/8" lined with Plastic set in a (material)

Baker Model TSN packer at 4350' feet  
 (brand and model)

(or describe any other casing-tubing seal).

Other Data

- Name of the injection formation San Andres
- Name of Field or Pool (if applicable) N/A
- Is this a new well drilled for injection? ☐ Yes ☒ No  
 If no, for what purpose was the well originally drilled? Oil Production
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) Paddock (5306-5312')  
squeezed with 100 sxs cement
- Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. Overlying - none Underlying - Paddock 5306'





Wells Within 2640' Radius of A. H. Blinebry Fed NCT-1 Well No. 11

<u>Well Name &amp; No.</u>	<u>Formation</u>	<u>Total Depth</u>	<u>Date Drilled</u>	<u>Current Status</u>	<u>Hole Size</u>	<u>Casing Size</u>	<u>Depth</u>	<u>Cement(sxs)</u>	<u>TOC</u>	<u>Determined By</u>
<b>Texaco</b>										
<b>A. H. Blinebry Fed NCT-1</b>										
Well No. 14	Drinkard Paddock	7,200'	9/14/61	Oil - Active	12-1/4" 8-3/4"	9-5/8" 7"	1348' 6922'	700 400	Surface 3462'	Circulated Calculated
Well No. 15	Drinkard	7,242'	3/15/62	Oil - Active	11" 7-7/8" 7-7/8"	8-5/8" 2-7/8" 2-3/8"	1350' 6864' 7242' >	500 1200	Surface 2475'	Circulated Survey
Well No. 24	Tubb Drinkard	7,300'	4/27/65	Oil - Active	11" 7-7/8" 7-7/8"	8-5/8" 2-7/8" 2-7/8"	1396' 7289' 7298' >	600 1000	Surface 2584'	Circulated Calculated
Well No. 25	Drinkard Tubb	7,250'	6/02/65	Oil - Active	11" 7-7/8" 7-7/8"	8-5/8" 2-7/8" 2-7/8"	1402' 7245' 7248' >	400 1000	Surface 3000'	Circulated Calculated
Well No. 27	Tubb Drinkard	7,300'	8/01/65	Oil - Active	11" 7-5/8" 7-5/8"	8-5/8" 2-7/8" 2-7/8"	1405' 7300' 7300' >	500 1060	Surface 2585'	Circulated Calculated
Well No. 28	Blinebry Tubb	7,310'	8/28/65	Oil - Active	11" 7-7/8"	8-5/8" 3 Strings 2-7/8"	1315' 7310' >	600 1050	Surface 1700'	Calculated Calculated
Well No. 31	Drinkard	7,330'	11/05/65	Oil - Active	11" 7-7/8" 7-7/8"	8-5/8" 2-7/8" 2-7/8"	1422' 7315' 7316' >	530 1000	Surface 2620'	Circulated Calculated
Well No. 33	Drinkard Tubb	7,350'	12/13/65	Oil - Active	11" 7-7/8" 7-7/8"	8-5/8" 2-7/8" 2-7/8"	1395' 7350' 7345' >	530 1000	Surface 2634'	Circulated Calculated
<b>Chevron - Higgins</b>										
Well No. 1	Blinebry Drinkard	7,003'	7/13/45	Oil - Active	17" 12-1/2" 8-3/4"	13-3/8" 9-5/8" 7"	307' 2938' 6910'	310 1325 700	Surface 1365' 2955'	Circulated N/A N/A
Well No. 2	Paddock	7,200'	4/14/62	Oil - Active	12-1/4" 8-3/4"	9-5/8" 7"	1362' 7200'	820 1055	Surface 1420'	Circulated Temp. Survey
<b>Chevron - Watkins</b>										
Well No. 1	Drinkard	7,000'	9/15/45	Oil - Active	17-1/2" 12-1/4" 8-3/4"	13-3/8" 9-5/8" 7"	311' 2930' 6901'	300 1300 700	Surface 425' 3370'	Circulated N/A N/A
Well No. 2	Drinkard Blinebry	7,150'	4/13/61	Oil - Active	12-1/4" 8-3/4"	9-5/8" 7"	1349' 7150'	700 1250	Surface Surface	Circulated Circulated
<b>Bravo Energy - XMAS</b>										
Well No. 1	Tubb	7,300'	10/08/65	P & A	12-1/4" 8-3/4"	9-5/8" 7"	1360' 7300'	590 600	Surface 4003'	Calculated Calculated

OFFSET OPERATORS WITHIN 1/2-MILE OF  
A. H. BLINEBRY FED. NCT-1 WELL NO. 11

Bravo Energy, Inc.  
P. O. Box 2160  
Hobbs, New Mexico 88240

Chevron U.S.A., Inc.  
P. O. Box 670  
Hobbs, New Mexico 88240

SURFACE OWNER

Mr. Tom Lineberry  
P. O. Box 1536  
Midland, Texas 79702



Texaco USA

P O Box 728  
Hobbs NM 88240  
505 393 7191

June 5, 1987

Mr. Tom Lineberry  
P. O. Box 1536  
Midland, Texas 79702

RE: Amendment to Salt Water Disposal Permit  
A. H. Blinebry Fed. NCT-1 Well No. 11  
Lea County, New Mexico

Dear Sir:

In compliance with New Mexico Oil Conservation Division Rule 701.B.2, Texaco Inc. hereby notifies you that an application to amend the approved disposal order, SWD-313, for the subject well has been submitted to the Oil Conservation Division. The water will be injected into the San Andres formation at a depth of 4380'-5030'. The well is located 1980' FSL and 330' FWL of Section 28, T-22-S, R-38-E.

Objections to this request or a request for a hearing should be filed with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico, 87501, within fifteen (15) days following receipt of this letter.

If there are any questions, please do not hesitate to call this office.

Yours very truly,

K. L. Johnson  
Area Superintendent, Eunice, New Mexico

RHP

Attachments



Texaco USA

P O Box 728  
Hobbs NM 88240  
505 393 7191

June 5, 1987

Chevron U.S.A., Inc.  
P. O. Box 670  
Hobbs, New Mexico 88240

RE: Amendment to Salt Water Disposal Permit  
A. H. Blinbry Fed. NCT-1 Well No. 11  
Unit Letter L, Sec. 28, T-22-S, R-38-E

Gentlemen:

This is to notify you, as an Offset Operator, that Texaco Inc. is requesting the New Mexico Oil Conservation Division to approve injection of water into the San Andres formation at the depth of 4380'-5030' into the subject well. A modification of NMOCD ORDER SWD-313. A copy of the plat is attached.

Objections to this request or a request for a hearing should be filed with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico, 87501, within fifteen (15) days following receipt of this letter.

Yours very truly,

K. L. Johnson  
Area Superintendent, Eunice, New Mexico

RHP

Attachments



Texaco USA

P O Box 728  
Hobbs NM 88240  
505 393 7191

June 5, 1987

Bravo Energy, Inc.  
P. O. Box 2160  
Hobbs, New Mexico 88240

RE: Amendment to Salt Water Disposal Permit  
A. H. Blinebry Fed. NCT-1 Well No. 11  
Unit Letter L, Sec. 28, T-22-S, R-38-E

Gentlemen:

This is to notify you, as an Offset Operator, that Texaco Inc. is requesting the New Mexico Oil Conservation Division to approve injection of water into the San Andres formation at the depth of 4380'-5030' into the subject well. A modification of NMOCD ORDER SWD-313. A copy of the plat is attached.

Objections to this request or a request for a hearing should be filed with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico, 87501, within fifteen (15) days following receipt of this letter.

Yours very truly,

K. L. Johnson  
Area Superintendent, Eunice, New Mexico

RHP

Attachments

P 169 585 085

**RECEIPT FOR CERTIFIED MAIL**

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

PS Form 3800, Feb. 1982

★ U.S.G.P.O. 1984-446-014

Sent to	John J. Lenny	
Street and No.	Box 1536	
P.O., State and ZIP Code	Madison, W. 79702	
Postage	\$	22
Certified Fee		75
Special Delivery Fee		
Restricted Delivery Fee		
Return Receipt Showing to whom and Date Delivered		70
Return receipt showing to whom, Date, and Address of Delivery		
TOTAL Postage and Fees	\$	1.67
Postmark or District Office		

P 169 585 086

**RECEIPT FOR CERTIFIED MAIL**

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

PS Form 3800, Feb. 1982

★ U.S.G.P.O. 1984-446-014

Sent to	Blanco Energy, Inc.	
Street and No.	Box 2160	
P.O., State and ZIP Code	Helena, W.M. 88231	
Postage	\$	22
Certified Fee		75
Special Delivery Fee		
Restricted Delivery Fee		
Return Receipt Showing to whom and Date Delivered		70
Return receipt showing to whom, Date, and Address of Delivery		
TOTAL Postage and Fees	\$	1.67
Postmark or District Office		

P 169 585 087

**RECEIPT FOR CERTIFIED MAIL**

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

PS Form 3800, Feb. 1982

★ U.S.G.P.O. 1984-446-014

Sent to	William U.S.A. Corp.	
Street and No.	Box 670	
P.O., State and ZIP Code	Helena, W.M. 88240	
Postage	\$	22
Certified Fee		75
Special Delivery Fee		
Restricted Delivery Fee		
Return Receipt Showing to whom and Date Delivered		70
Return receipt showing to whom, Date, and Address of Delivery		
TOTAL Postage and Fees	\$	1.67
Postmark or District Office		

**SENDER:** Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.  
Put your address in the "RETURN TO" space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1. ☐ Show to whom delivered, date, and addressee's address. 2. ☐ Restricted Delivery.

3. Article Addressed to:  CHEVRON U.S.A. INC. P.O. Box 670 Hobbs, N.M. 88240	4. Article Number P-169-585-087 Type of Service: <input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail Always obtain signature of addressee or agent and <b>DATE DELIVERED.</b>
5. Signature - Addressee X <i>[Signature]</i>	8. Addressee's Address (ONLY if requested and fee paid)
6. Signature - Agent X	
7. Date of Delivery 6-9-87	

PS Form 3811, Feb. 1986

DOMESTIC RETURN RECEIPT

**SENDER:** Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.  
Put your address in the "RETURN TO" space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1. ☐ Show to whom delivered, date, and addressee's address. 2. ☐ Restricted Delivery.

3. Article Addressed to:  BRAVO Energy, Inc. P.O. Box 2160 Hobbs, New Mexico 88240	4. Article Number P-169 585 086 Type of Service: <input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail Always obtain signature of addressee or agent and <b>DATE DELIVERED.</b>
5. Signature - Addressee X <i>C. E. Coogan</i>	8. Addressee's Address (ONLY if requested and fee paid)
6. Signature - Agent X	
7. Date of Delivery 6-9-87	

PS Form 3811, Feb. 1986

DOMESTIC RETURN RECEIPT

**SENDER:** Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.  
Put your address in the "RETURN TO" space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1. ☐ Show to whom delivered, date, and addressee's address. 2. ☐ Restricted Delivery.

3. Article Addressed to:  MR. Tom LINEBERRY P.O. Box 1536 Midland, TEXAS 79702	4. Article Number P-169 585 085 Type of Service: <input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail Always obtain signature of addressee or agent and <b>DATE DELIVERED.</b>
5. Signature - Addressee X <i>Barbie Jackson</i>	8. Addressee's Address (ONLY if requested and fee paid)
6. Signature - Agent X	
7. Date of Delivery JUN - 9 1987	

PS Form 3811, Feb. 1986

DOMESTIC RETURN RECEIPT

**AFFIDAVIT OF PUBLICATION**

State of New Mexico,  
County of Lea.

I, \_\_\_\_\_

Robert L. Summers

of the Hobbs Daily News-Sun, a daily newspaper published at Hobbs, New Mexico, do solemnly swear that the clipping attached hereto was published once a week in the regular and entire issue of said paper, and not a supplement thereof for a period

of \_\_\_\_\_

One weeks.

Beginning with the issue dated

June 9, 19 87

and ending with the issue dated

June 9, 19 87

Robert L. Summers  
Publisher.

Sworn and subscribed to before

me this 10 day of

June, 19 87

Dora Murphy  
Notary Public.

My Commission expires \_\_\_\_\_

Nov. 14, 19 88

(Seal)

This newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Laws of 1937, and payment of fees for said publication has been made.

**LEGAL NOTICE**

June 9, 1987

35  
Notice is hereby given of the application of Texaco Inc. Attention: L. J. Seeman, District Petroleum Engineer, P.O. Box 728, Hobbs, New Mexico, 88240, Telephone (505) 393-7191, to the Oil Conservation Division, New Mexico Energy & Minerals Department, for the amendment of Division Order SWD-313 for the purpose of salt water disposal.

Well(s) No(s): 11

Lease/Unit Name: A.H. Blinbry Fed. NCT-1

Location: Unit Letter L (1980' FSL & 330' FWL), Sec. 28, T-22-S, R-38-E Lea County, New Mexico.

The injection formation is San Andres at a depth of 4380' to 5030' below the surface of the ground. Expected maximum injection rate is 350 barrels per day, and expected maximum injection pressure is 990 pounds per square inch. Interested parties must file objections or requests for hearing with Oil Conservation Division, P.O. Box 2088, Santa Fe, New Mexico, 87501, within fifteen (15) days of this publication.



ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

GARREY CARRUTHERS  
GOVERNOR

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

September 11, 1987

Texaco, Inc.  
P.O. Box 728  
Hobbs, NM 88240

RE: Injection Pressure Increase  
A. H. Blinebry Fed NCT-1  
Well No. 11  
Lea County, New Mexico

Dear Sir:

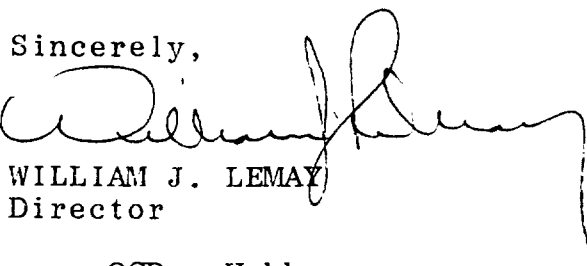
Reference is made to your request dated September 1, 1987, to increase the surface injection pressure on the above referenced well. This request is based on a step rate test conducted on the well on August 25, 1987. The results of the test have been reviewed by my staff and we feel an increase in injection pressure on the well is justified at this time.

You are therefore authorized to increase the surface injection pressure on the following well.

<u>WELL &amp; LOCATION</u>	<u>MAXIMUM INJECTION SURFACE PRESSURE</u>
A. H. Blinebry Fed NCT-1 Well No. 11 Unit L, Section 28, Township 22 South, Range 38 East, Lea County, New Mexico.	1210 PSIG

The Division Director may rescind this injection pressure increase if it becomes apparent that the injected water is not being confined to the injection zone or is endangering any fresh water aquifers.

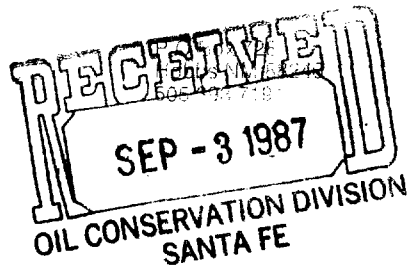
Sincerely,

  
WILLIAM J. LEMAY  
Director

cc: OCD - Hobbs  
D. McDonald  
D. Catanach  
File - SWD -313



Texaco USA



September 1, 1987

State of New Mexico  
Department of Energy and Minerals  
Oil Conservation Division  
P. O. Box 1980  
Hobbs, New Mexico 88240

Attention: Mr. Jerry Sexton

RE: Amendment to Salt Water Disposal Permit  
A. H. Blinbry Fed. NCT-1 Well No. 11  
Unit Letter L, Sec. 28, T-22-S, R-38-E  
Lea County, New Mexico

Gentlemen:

Texaco Inc. respectfully requests administrative approval of the following proposed modification to Paragraph (4) of the amended Division Order No. SWD-313, dated July 27, 1987.

It is proposed that the injection pressure limitation be raised to 1210 p.s.i. for the subject well. As presented on the attached Step Rate Test, performed August 25, 1987, the estimated fracture pressure is 1260 p.s.i.. The final injection pressure during the test was 1400 p.s.i. with an initial shut-in pressure of 1290 p.s.i..

Your timely consideration of this request will be greatly appreciated.

Yours very truly,

K. L. Johnson  
Eunice Area Superintendent

RHP

Attachments

# B & D WELL TESTERS

## Step Rate Test

Phone (505) 397-3914

Hobbs, New Mexico 88240

Company <b>Texaco, Inc.</b>						Test Date <b>8-25-87</b>		Unit
Total Depth						Plug Back TD		Lease <b>A. H. Blinebry Fed, NCT-1</b>
Csg size						Elevation		Well # <b>11</b>
Wt		d	Set at	Perfs: From	To	Sec	Twp-Blk	Rge
Tbg size		d	Set at	Perfs: From	To	County		State
Producing thru						Packer set at		Co. Rep
Time of Reading	Elap Time Hrs.	Well Information					Remarks	
		Rate BBLs Per Day	Total BBLs Per Rate	Surface PSIG	Surface PSI Cor for Friction	BHP		
9:30	SI			390				
9:45	Start	50		390				
9:50		50		440				
9:55	:10	50	.34	535				
10:00		85		575				
10:05	:20	85	.59	600				
10:10		120		635				
10:15	:30	120	.83	670				
10:20		160		725				
10:25	:40	160	1.11	760				
10:30		200		805				
10:35	:50	200	1.38	840				
10:40		240		905				
10:45	1:00	240	1.61	945				
Stop test @ 10:50								
Restart Test @ 12:35 - obtain 945 psi at 240 BPD								
12:40		240		830				
12:45		240		890				
12:50		240		920				
12:55		240		945				
Increase to 280 BPD @ 12:55								
1:00		280		995				
1:05	1:10	280	1.94	1025				
1:10		320		1070				
1:15	1:20	320	2.22	1100				
1:20		360		1135				
1:25	1:30	360	2.50	1160				
1:30		400		1200				
1:35	1:40	400	2.77	1220				

**Hobbs, New Mexico 88240**

Test Date 8-25-87

Lease A. H. Blinebry Fed. NCT-1

### Elevation

Well # 11

To

**Rge**

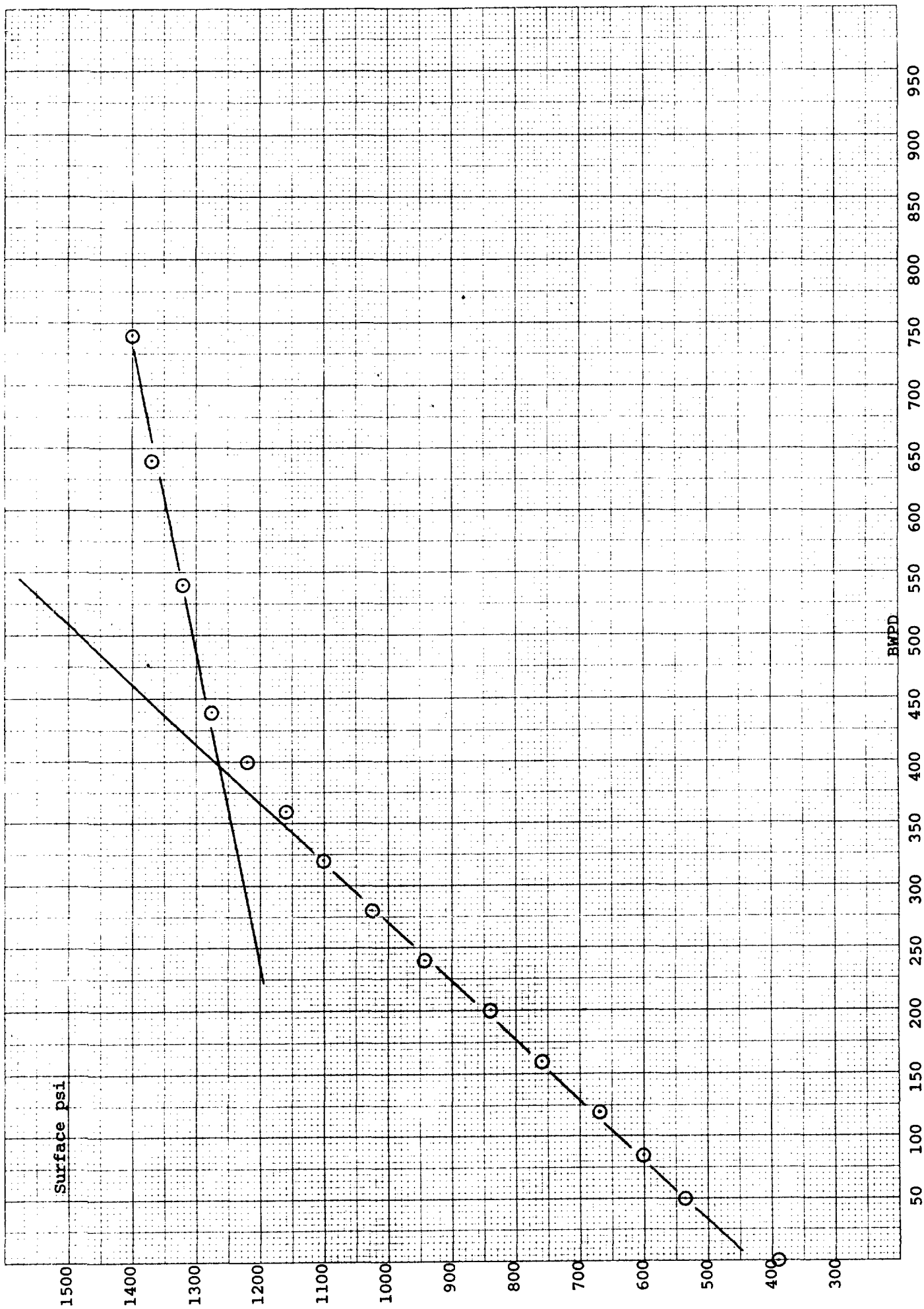
To

**State**

**Packer set at**

Co. Rep

[illegible]



4 5 6 AM

7

8

9

10

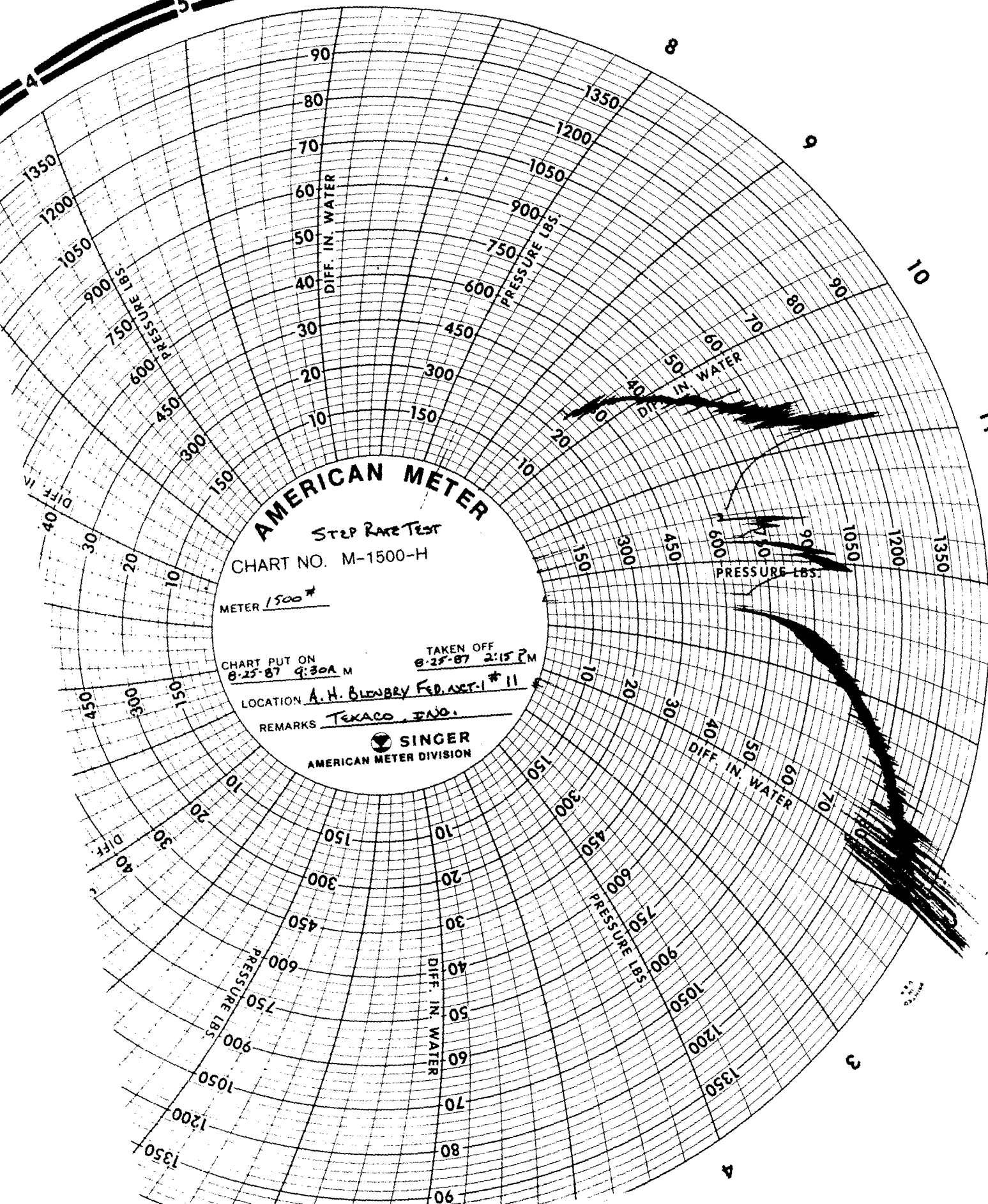
11

NOON

1

3

4



# AMERICAN METER

STEP RATE TEST

CHART NO. M-1500-H

METER 1500\*

CHART PUT ON  
8-25-87 9:30A M

TAKEN OFF  
8-25-87 2:15 PM

LOCATION A. H. BLOWBY FLD. NET-1 # 11

REMARKS TEXACO, INC.



SINGER

AMERICAN METER DIVISION