



NEW MEXICO ENERGY, MINERALS  
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION  
2040 South Pacheco Street  
Santa Fe, New Mexico 87506  
(505) 827-7131

March 25, 1998

OXY USA, Inc.  
P. O. Box 50250  
Midland, Texas 79710-0250  
Attention: Richard E. Foppiano

*AMENDED Administrative Order NSL-3856(NSBHL)*

Dear Mr. Foppiano:

Reference is made to your application dated February 24, 1998 and the records of the Division in Santa Fe concerning OXY USA, Inc.'s ("OXY") request for a non-standard subsurface gas producing area/bottomhole gas well location for the Dow "B-33" Federal Well No. 1 (API No. 30-015-27068), located on the surface at a previously approved unorthodox gas well location (see Division Administrative Order NSL-3856, dated August 18, 1997) 2180 feet from the South line and 1980 feet from the East line (Unit J) of Section 33, Township 17 South, Range 31 East, NMPM, Undesignated East Loco Hills-Atoka Gas Pool, Eddy County, New Mexico. It is our understanding that while OXY was in the process of reentering the subject wellbore it became necessary to sidetrack and drill to a new total depth of 11,391 feet. It was determined that the actual subsurface location of the sidetrack at a depth of 10,372 feet was at a point 2408 feet from the South line and 1961 feet from the East line of said Section 33 (only 232 feet from the nearest side boundary of the standard 320-acre gas spacing and proration unit assigned the well comprising the S/2 of said Section 33). Based on inclination surveys below this point the bottom hole location at total depth could possibly be within 146 feet from the northern boundary of said 320-acre unit.

The subject application has been duly filed under the provisions of Rules 104.F, 111.C(2), and 111.A(7) of the General Rules and Regulations of the New Mexico Oil Conservation Division ("Division").

The applicable drilling window or "producing area" within the Undesignated East Loco Hills-Atoka Gas Pool for said wellbore shall include that area within the NW/4 SE/4 (Unit J) of said Section 33 that is:

- (a) no closer than 146 feet to the North line of Unit "J" of said Section 33; and,
- (b) no closer than 330 feet to the East, South, and West lines of Unit "J" of said Section 33.

Amended Administrative Order NSL-3856(NSBHL)

OXY USA, Inc.

March 25, 1998

Page 2

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By the authority granted me under the provisions of Division General Rule 104.F(2), the above-described non-standard subsurface gas producing area/bottomhole gas well location is hereby approved.

The operator shall comply with all provisions of Division General Rule 111 applicable in this matter.

All applicable provisions of said Administrative Order NSL-3856, dated August 18, 1997, shall remain in full force and affect until further notice.

Sincerely,



LORI WROTENBERY

Director

LW/MES/kv

cc: New Mexico Oil Conservation Division - Artesia  
U. S. Bureau of Land Management - Carlsbad  
File: DD-107  
NSL-3856



STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION  
2040 S. PACHECO  
SANTA FE, NEW MEXICO 87505  
(505) 827-7131

August 1, 1995

**Texaco Exploration and Production, Inc.**  
**P. O. Box 3109**  
**Midland, Texas 79702**

**Attention: C. Wade Howard**

*Administrative Order DD-107*

Dear Mr. Howard:

Under the provisions of General Rule 111 (c), (d) and (e), Texaco Exploration and Production, Inc. made application to the New Mexico Oil Conservation Division on June 28, 1995, for authorization to recomplete its existing Dow "B-33" Federal Well No. 1 in Eddy County, New Mexico by side tracking off of the vertical wellbore and directionally drill to a pre-determined bottom-hole location in order to further deplete the East Cedar Lake-Morrow Gas Pool underlying the standard 320-acre gas spacing and proration unit comprising the S/2 of said Section 33.

**The Division Director Finds That:**

- (1) The application has been duly filed under the provisions of Rule 111(d) and (e) of the Division General Rules and Regulations;
- (2) The Dow "B-33" Federal Well No. 1 (API No. 30-015-27068), located 2180 feet from the South line and 1980 feet from the East line (Unit J) of Section 33, Township 17 South, Range 31 East, NMPM, Eddy County, New Mexico, was originally drilled in August/September 1992 to a total depth of 12,050 and was completed as a gas well in the Morrow formation;
- (3) The applicant/operator proposes to kick off vertical at a depth of approximately 10,341 feet in a westerly direction and drill in such a manner as to bottom back in the Morrow formation at a true vertical depth of approximately 11,800 feet at a standard gas well location within the NE/4 SW/4 (Unit K) of said Section 33;

- (4) The S/2 of said Section 33 is to be dedicated to said well forming a standard 320-acre gas spacing and proration unit;
- (5) Satisfactory information has been provided that all offset operators and mineral interest owners have been duly notified;
- (6) No objection to this application has been filed by any interested party within the required time frame; and,
- (7) The applicant has presented satisfactory evidence that all requirements prescribed in General Rule 111 have either been or will be met.

**IT IS THEREFORE ORDERED THAT:**

(1) The applicant, Texaco Exploration and Production, Inc., is hereby authorized to recomplete its existing Dow "B-33" Federal Well No. 1 (API No. 30-015-27068), located 2180 feet from the South line and 1980 feet from the East line (Unit J) of Section 33, Township 17 South, Range 31 East, NMPM, Eddy County, New Mexico, by side tracking off of the vertical wellbore at a depth of approximately 10,341 feet in a westerly direction and drill in such a manner as to bottom back in the Morrow formation at a true vertical depth of approximately 11,800 feet at a standard gas well location within the NE/4 SW/4 (Unit K) of said Section 33.

**PROVIDED HOWEVER THAT** prior to commencing directional drilling operations into said wellbore, the applicant shall establish the location of the kick-off point by means of a directional survey acceptable to the Division.

**PROVIDED HOWEVER THAT** during or upon completion of directional drilling operations, the applicant shall conduct an accurate wellbore survey from the kick-off point to total depth in order that the subsurface bottomhole location, as well as the wellbore's true depth and course, may be determined.

(2) The applicant shall notify the supervisor of the Artesia district office of the Division of the date and time said wellbore surveys are to be conducted so that they may be witnessed. The applicant shall further provide a copy of said wellbore surveys to the Santa Fe and Artesia offices of the Division upon completion.

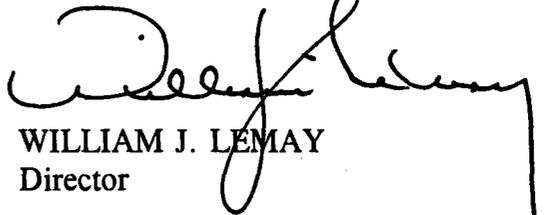
(3) Form C-105 shall be filed in accordance with Division Rule 1105 and the operator shall indicate thereon true vertical depth in addition to measured depths.

(4) The S/2 of said Section 33 shall be dedicated to said well to form a standard 320-acre gas spacing and proration unit for said interval.

(5) Jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION



WILLIAM J. LEMAY  
Director

S E A L

WJL/MES/kv

cc: Oil Conservation Division - Artesia  
U. S. Bureau of Land Management - Carlsbad

DP-107

Received 6/28/95  
Suspence Date  
7/28/95  
Released 7/31/95

July 31, 1995

**Texaco Exploration and Production, Inc.**  
**P. O. Box 3109**  
**Midland, Texas 79702**

**Attention: C. Wade Howard**

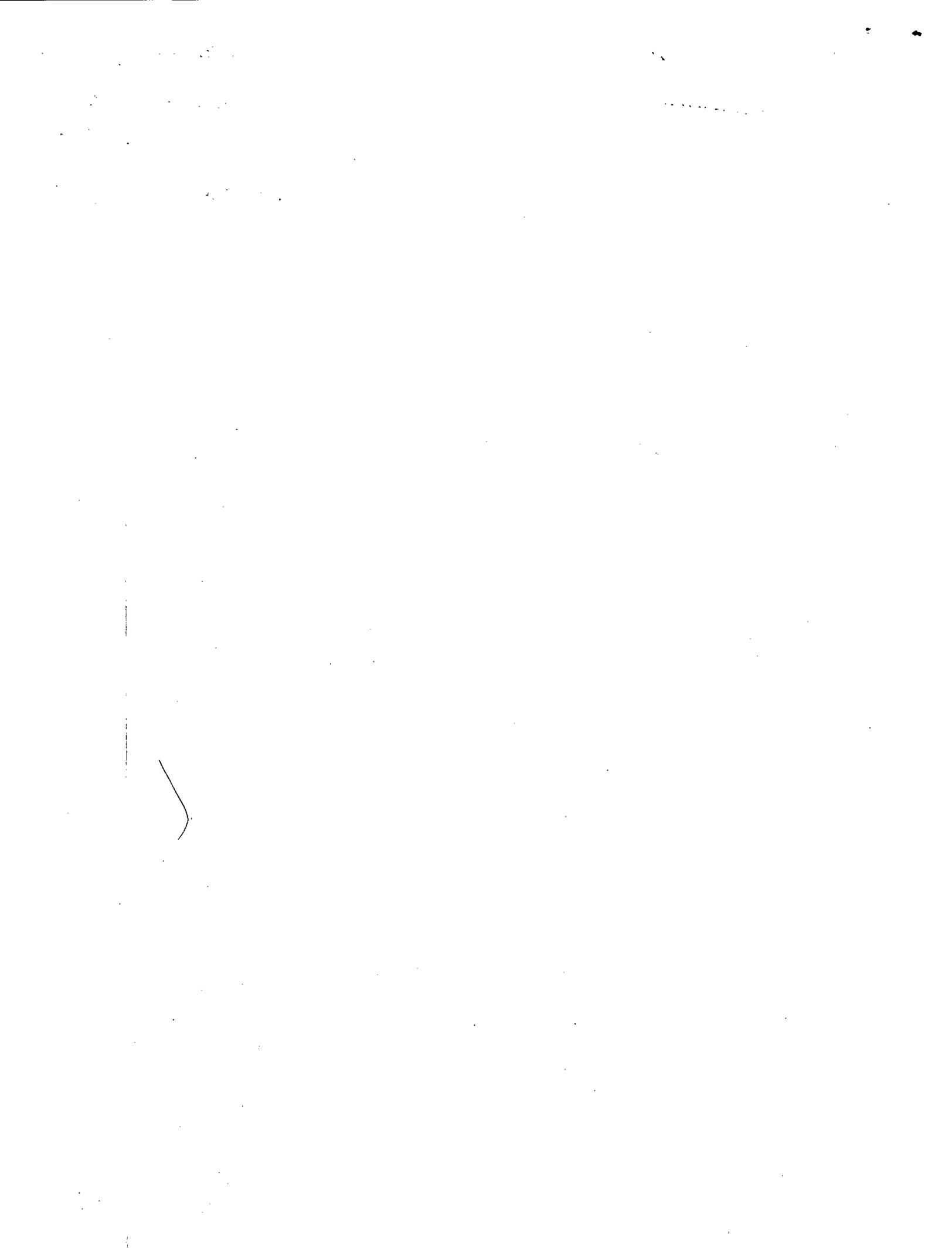
*Administrative Order DD-107*

Dear Mr. Howard:

Under the provisions of General Rule 111 (c), (d) and (e), Texaco Exploration and Production, Inc. made application to the New Mexico Oil Conservation Division on June 28, 1995, for authorization to recomplate its existing Dow "B-33" Federal Well No. 1 in Eddy County, New Mexico by side tracking off of the vertical wellbore and directionally drill to a pre-determined bottom-hole location in order to further deplete the East Cedar Lake-Morrow Gas Pool underlying the standard 320-acre gas spacing and proration unit comprising the S/2 of said Section 33.

**The Division Director Finds That:**

- (1) The application has been duly filed under the provisions of Rule 111(d) and (e) of the Division General Rules and Regulations;
- (2) The Dow "B-33" Federal Well No. 1 (API No. 30-015-27068), located 2180 feet from the South line and 1980 feet from the East line (Unit J) of Section 33, Township 17 South, Range 31 East, NMPM, Eddy County, New Mexico, was originally drilled in August/September 1992 to a total depth of 12,050 and was completed as a gas well in the Morrow formation;
- (3) The applicant/operator proposes to kick off vertical at a depth of approximately 10,341 feet in a westerly direction and drill in such a manner as to bottom back in the Morrow formation at a true vertical depth of approximately 11,800 feet at a standard gas well location within the NE/4 SW/4 (Unit K) of said Section 33;
- (4) The S/2 of said Section 33 is to be dedicated to said well forming a standard 320-acre gas spacing and proration unit;



- 5 (2) Satisfactory information has been provided that all offset operators and mineral interest owners have been duly notified;
- 6 (3) No objection to this application has been filed by any interested party within the required time frame; and,
- 7 (4) The applicant has presented satisfactory evidence that all requirements prescribed in General Rule 111 have either been or will be met.

IT IS THEREFORE ORDERED THAT:

(1) The applicant, Texaco Exploration and Production, Inc., is hereby authorized to recomplete its existing Dow "B-33" Federal Well No. 1 (API No. 30-015-27068), located 2180 feet from the South line and 1980 feet from the East line (Unit J) of Section 33, Township 17 South, Range 31 East, NMPM, Eddy County, New Mexico, by side tracking off of the vertical wellbore at a depth of approximately 10,341 feet in a westerly direction and drill in such a manner as to bottom back in the Morrow formation at a true vertical depth of approximately 11,800 feet at a standard gas well location within the NE/4 SW/4 (Unit K) of said Section 33.

PROVIDED HOWEVER THAT prior to commencing directional drilling operations into said wellbore, the applicant shall establish the location of the kick-off point by means of a directional survey acceptable to the Division.

PROVIDED HOWEVER THAT during or upon completion of directional drilling operations, the applicant shall conduct an accurate wellbore survey from the kick-off point to total depth in order that the subsurface bottomhole location, as well as the wellbore's true depth and course, may be determined.

(2) The applicant shall notify the supervisor of the Artesia district office of the Division of the date and time said wellbore surveys are to be conducted so that they may be witnessed. The applicant shall further provide a copy of said wellbore surveys to the Santa Fe and Artesia offices of the Division upon completion.

(3) Form C-105 shall be filed in accordance with Division Rule 1105 and the operator shall indicate thereon true vertical depth in addition to measured depths.

(4) The S/2 of said Section 33 shall be dedicated to said well to form a standard 320-acre gas spacing and proration unit for said interval.

(5) Jurisdiction of this cause is retained for the entry of such further orders as the

*Administrative Order DD-107*  
*Texaco Exploration and Production, Inc.*  
*July 31, 1995*  
*Page No. 3*

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Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION

WILLIAM J. LEMAY  
Director

S E A L

WJL/MES/kv

cc: Oil Conservation Division - Artesia  
U. S. Bureau of Land Management - Carlsbad



Texaco Exploration and Production Inc  
Midland Producing Division

500 N Loraine  
Midland TX 79701

OIL CONSERVATION DIVISION

RECEIVED

P O Box 3109  
Midland TX 79702

'95 JUN 28 AM 8 52

June 15, 1995

GOV - STATE AND LOCAL GOVERNMENTS

Directional Drilling

Dow "B" -33- Federal Well No. 1  
Cedar Lake, East Morrow Field  
Eddy County, New Mexico

State of New Mexico  
Energy and Minerals Department  
Oil Conservation Division  
2040 South Pacheco  
Santa Fe, New Mexico 87505

Attention: Mr. Michael E. Stogner

Gentlemen:

Administrative approval, Rule 111 c.2, is requested to sidetrack and directionally drill the captioned well to an orthodox bottomhole location.

This well is no longer economical to produce because of high water production. Plans are to sidetrack to well at +/-10,341' and directionally drill to a TVD of 11,850' at a proposed bottomhole location of 2145' FWL and 1815' FSL of Section 33, T-17-S, R-31-E. Productive formation should be encountered in the morrow formation resulting in a commercial well. Attached for your information is a copy of the proposed deviation program.

The "affected" offset operators to this well have been notified of this request (see attached offset operator's list and certified mail receipts).

Attached is Form C-102 showing the surface location and proposed bottomhole location for this well. Any questions concerning this request should be directed to me at (915) 688-4606.

Yours very truly,

*C. Wade Howard*

C. W. Howard  
Engineer's Assistant

CWH:

CC: BLM, P. O. Box 1778, Carlsbad, NM 88220

Attachments

Submit to Appropriate  
District Office  
State Lease - 4 copies  
Fee Lease - 3 copies

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised 1-1-89

**OIL CONSERVATION DIVISION**

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

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

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

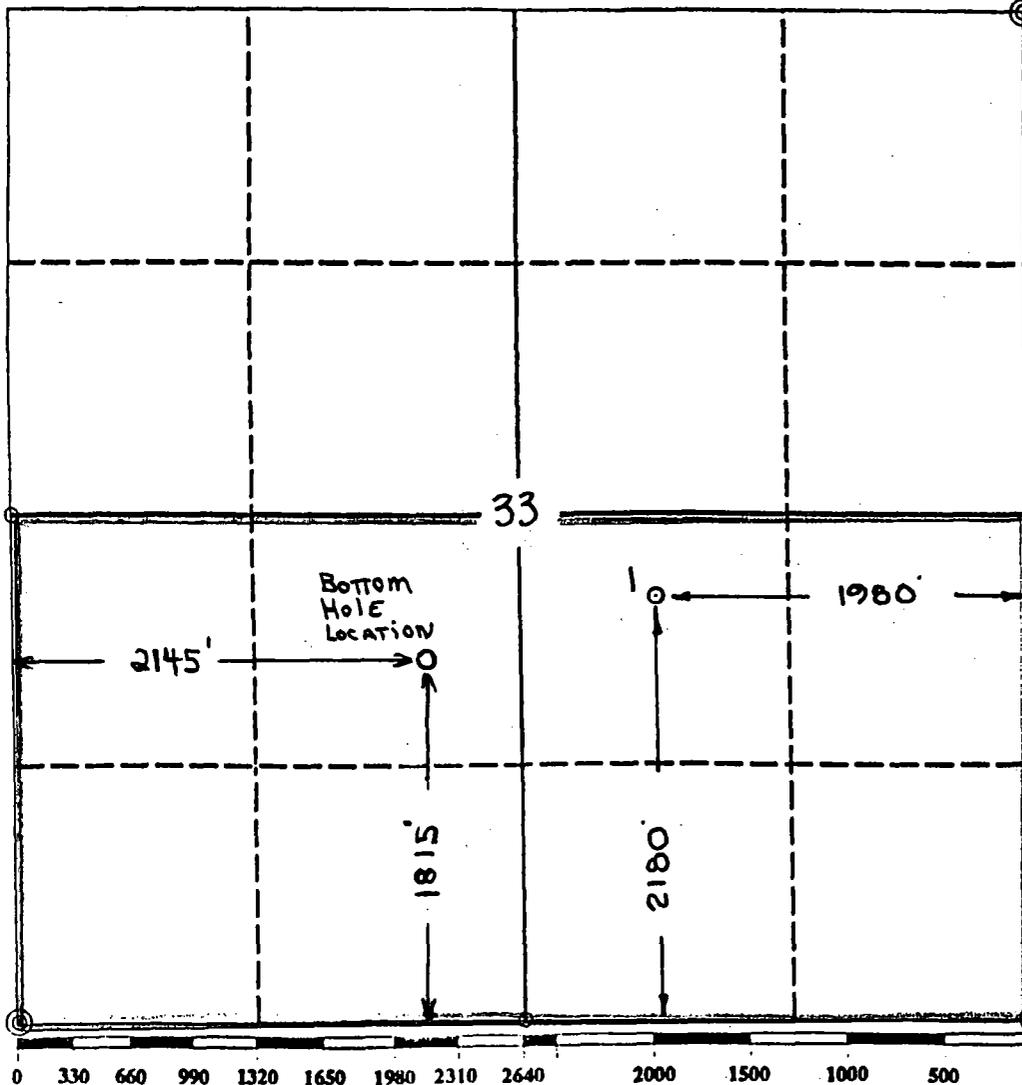
**DISTRICT III**  
1000 Rio Brazos Rd., Aztec, NM 87410

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

All Distances must be from the outer boundaries of the section

Operator <b>TEXACO EXPLORATION AND PRODUCTION INC.</b>		Lease <b>DOW "B" 33 FEDERAL</b>		Well No. <b>1</b>
Unit Letter <b>J</b>	Section <b>33</b>	Township <b>17-South</b>	Range <b>31-East</b>	County <b>EDDY</b>
Actual Footage Location of Well: <b>2180</b> feet from the <b>South</b> line and <b>1980</b> feet from the <b>East</b> line				
Ground level Elev. <b>3760</b>	Producing Formation <b>Morrow</b>	Pool <b>Cedar Lake, East Morrow</b>		Dedicated Acreage: <b>320</b> Acres

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?
  - Yes       No      If answer is "yes" type of consolidation \_\_\_\_\_
 If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary).  
 No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



**OPERATOR CERTIFICATION**  
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature: *Royce D. Mariott*  
Printed Name: **Royce D. Mariott**  
Position: **Division Surveyor**  
Company: **Texaco Expl. & Prod. Inc.**  
Date: **June 17, 1992**

**SURVEYOR CERTIFICATION**  
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed: **June 16, 1992**  
Signature & Seal of Professional Surveyor: *John S. Piper*  
Certificate No.: **7254 John S. Piper**  
Sheet of

○ = Found 1" Iron Pipe with GLO Brass Cap      ⊙ = Found 2 or 3" Iron Pipe with GLO Brass Cap



Texaco Exploration and Production Inc  
Midland Producing Division

500 N. Loraine  
Midland TX 79701

P O Box 3109  
Midland TX 79702

June 13, 1995

GOV - STATE AND LOCAL GOVERNMENTS

Directional Drilling

Dow "B" -33- Federal Well No. 1  
Sec. 33, T-17-S, R-31-E  
Cedar Lake, East Morrow Field  
Eddy County, New Mexico

TO THE OFFSET OPERATORS

Gentlemen:

As an offset operator to the captioned lease, you are being furnished with a copy of our Application to sidetrack and directionally drill the captioned well. If you have no objection, please sign the waiver at the bottom of this letter and return in the enclosed envelope.

Any questions concerning this request should be directed to me at (915) 688-4606.

Yours very truly,

*C. Wade Howard*

C. W. Howard  
Engineer's Assistant

CWH:cwh

File

**WAIVER APPROVED:**

**COMPANY:** \_\_\_\_\_

**BY:** \_\_\_\_\_

**DATE:** \_\_\_\_\_

**OFFSET OPERATOR'S LIST  
DOW "B" -33- FEDERAL WELL No. 1  
EDDY COUNTY, NEW MEXICO**

**Texaco Exploration and Production Inc.  
P. O. Box 3109  
Midland, Texas 79702**

**Coastal Management Corporation  
P. O. Box 2720  
Midland, Texas 79702**

**Atlantic Richfield Company  
P. O. Box 1610  
Midland, Texas 79702**

**Anadarko Petroleum Corporation  
P. O. Box 2497  
Midland, Texas 79702**

**Marathon Oil Company  
P. O. Box 552  
Midland, Texas 79702**

**Harvey E. Yates Company  
Spiral, Inc.  
Explorers Petroleum Corporation  
Heyco Employees, Ltd.  
P. O. Box 1933  
Roswell, New Mexico 88202**

**Yates Energy Corporation  
Yates-McMinn Drilling Venture 1984-1  
1010 Sunwest Centre  
Roswell, New Mexico 88202**

**Jalapeno Corporation  
P. O. Box 1608  
Albuquerque, New Mexico 87103**

**William A. Hudson/Roxie  
William A. Hudson, III, Trustee  
Edward R. Hudson, Jr., Trustee  
616 Texas St.  
Fort Worth, Texas 76102**

**Mary Hudson Ard, Trustee  
Edward R. Hudson Trust 4  
4808 Westridge  
Fort Worth, Texas 76116**

**Is your RETURN ADDRESS completed on the reverse side?**

**SENDER:**

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

- Addressee's Address
- Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:  
Coastal Mgmt. Corp  
P.O. Box 2720  
Midland, TX 79702

4a. Article Number  
P 188 919 626

4b. Service Type  
 Registered     Insured  
 Certified     COD  
 Express Mail     Return Receipt for Merchandise

7. Date of Delivery

5. Signature (Addressee)

6. Signature (Agent)  
*Shirley Jackson*

8. Addressee's Address (Only if requested and fee is paid)

PS Form 3811, December 1991    U.S. GPO: 1993-362-714    **DOMESTIC RETURN RECEIPT**

**Thank you for using Return Receipt Service.**

**Is your RETURN ADDRESS completed on the reverse side?**

**SENDER:**

- Complete items 1 and/or 2 for additional services.
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- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

- Addressee's Address
- Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:  
Atlantic Richfield Co.  
P. O. Box 1610  
Midland, Texas 79702

4a. Article Number  
P 188 919 627

4b. Service Type  
 Registered     Insured  
 Certified     COD  
 Express Mail     Return Receipt for Merchandise

7. Date of Delivery  
JUN 4 1995

5. Signature (Addressee)  
*[Signature]*

6. Signature (Agent)

8. Addressee's Address (Only if requested and fee is paid)

PS Form 3811, December 1991    U.S. GPO: 1993-362-714    **DOMESTIC RETURN RECEIPT**

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I also wish to receive the following services (for an extra fee):

- Addressee's Address
- Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:  
Anadarko Petroleum Corp.  
P. O. Box 2497  
Midland, TX 79702

4a. Article Number  
P 188 919 628

4b. Service Type  
 Registered     Insured  
 Certified     COD  
 Express Mail     Return Receipt for Merchandise

7. Date of Delivery  
JUN 14 1995

5. Signature (Addressee)

6. Signature (Agent)  
*[Signature]*

8. Addressee's Address (Only if requested and fee is paid)

PS Form 3811, December 1991    U.S. GPO: 1993-362-714    **DOMESTIC RETURN RECEIPT**

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**SENDER:**

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I also wish to receive the following services (for an extra fee):

- Addressee's Address
- Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:  
 Marathon Oil Company  
 P. O. Box 552  
 Midland, Texas 79702

4a. Article Number  
 P 188 919 629

4b. Service Type  
 Registered  Insured  
 Certified  COD  
 Express Mail  Return Receipt for Merchandise

7. Date of Delivery  
 JUN 4 1995

5. Signature (Addressee)

8. Addressee's Address (Only if requested and fee is paid)

6. Signature (Agent)

PS Form 3811, December 1991 U.S. GPO: 1993-352-714 **DOMESTIC RETURN RECEIPT**

Thank you for using Return Receipt Service.

Is your RETURN ADDRESS completed on the reverse side?

**SENDER:**

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
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- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

- Addressee's Address
- Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:  
 Harvey E. Yates Company  
 Spiral, Inc.  
 Explorers Pet. Corp.  
 Heyco Employees, Ltd.  
 P. O. Box 1933  
 Roswell, New Mexico 88202

4a. Article Number  
 P 188 919 630

4b. Service Type  
 Registered  Insured  
 Certified  COD  
 Express Mail  Return Receipt for Merchandise

7. Date of Delivery  
 JUN 14 1995

5. Signature (Addressee)

8. Addressee's Address (Only if requested and fee is paid)

6. Signature (Agent)

PS Form 3811, December 1991 U.S. GPO: 1993-352-714 **DOMESTIC RETURN RECEIPT**

Thank you for using Return Receipt Service.

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**SENDER:**

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- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

- Addressee's Address
- Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:  
 Yates Energy Corporation  
 Yates-McMinn Drilling Venture  
 1010 Sunwest Centre 1948-1  
 Roswell, New Mexico 88202

4a. Article Number  
 P 188 919 631

4b. Service Type  
 Registered  Insured  
 Certified  COD  
 Express Mail  Return Receipt for Merchandise

7. Date of Delivery  
 JUN 14 1995

5. Signature (Addressee)

8. Addressee's Address (Only if requested and fee is paid)

6. Signature (Agent)

PS Form 3811, December 1991 U.S. GPO: 1993-352-714 **DOMESTIC RETURN RECEIPT**

Thank you for using Return Receipt Service.

Is your RETURN ADDRESS completed on the reverse side?

**SENDER:**

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
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- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

- Addressee's Address
- Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

JALAPENO CORPORATION  
P.O. BOX 1608  
ALBUQUERQUE, NM

4a. Article Number  
P 188 919 638

4b. Service Type

Registered  Insured  
 Certified  COD  
 Express Mail  Return Receipt for Merchandise

Date of Delivery

5. Signature (Addressee)

8. Addressee's Address (Only if requested and fee is paid)

6. Signature (Agent)

*Janette Allen*



PS Form 3811, December 1991 U.S. GPO: 1993-352-714 **DOMESTIC RETURN RECEIPT**

Thank you for using Return Receipt Service.

**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.

- Show to whom delivered, date, and addressee's address. (Extra charge)
- Restricted Delivery (Extra charge)

3. Article Addressed to:

William A. Hudson/Roxie  
William A. Hudson, III, Trustee  
Edward R. Hudson, Jr., Trustee  
616 Texas Street  
Fort Worth, Texas 76102

4. Article Number  
P 046 660 730

Type of Service:

Registered  Insured  
 Certified  COD  
 Express Mail  Return Receipt for Merchandise

Always obtain signature of addressee or agent and **DATE DELIVERED**.

5. Signature - Addressee

X

8. Addressee's Address (ONLY if requested and fee paid)

6. Signature Agent

X *W. Clark*

7. Date of Delivery  
JUN 15 1995

PS Form 3811, Apr. 1989 U.S. G.P.O. 1989-238-816 **DOMESTIC RETURN RECEIPT**

Is your RETURN ADDRESS completed on the reverse side?

**SENDER:**

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

- Addressee's Address
- Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

Mary Hudson Ard, Trustee  
Edward R. Hudson Trust 4  
4808 Westridge  
Fort Worth, TX 76116

4a. Article Number  
P 188 919 634

4b. Service Type

Registered  Insured  
 Certified  COD  
 Express Mail  Return Receipt for Merchandise

7. Date of Delivery  
6-22-95

5. Signature (Addressee)

8. Addressee's Address (Only if requested and fee is paid)

6. Signature (Agent)

*Cissy Aguirre*

PS Form 3811, December 1991 U.S. GPO: 1993-352-714 **DOMESTIC RETURN RECEIPT**

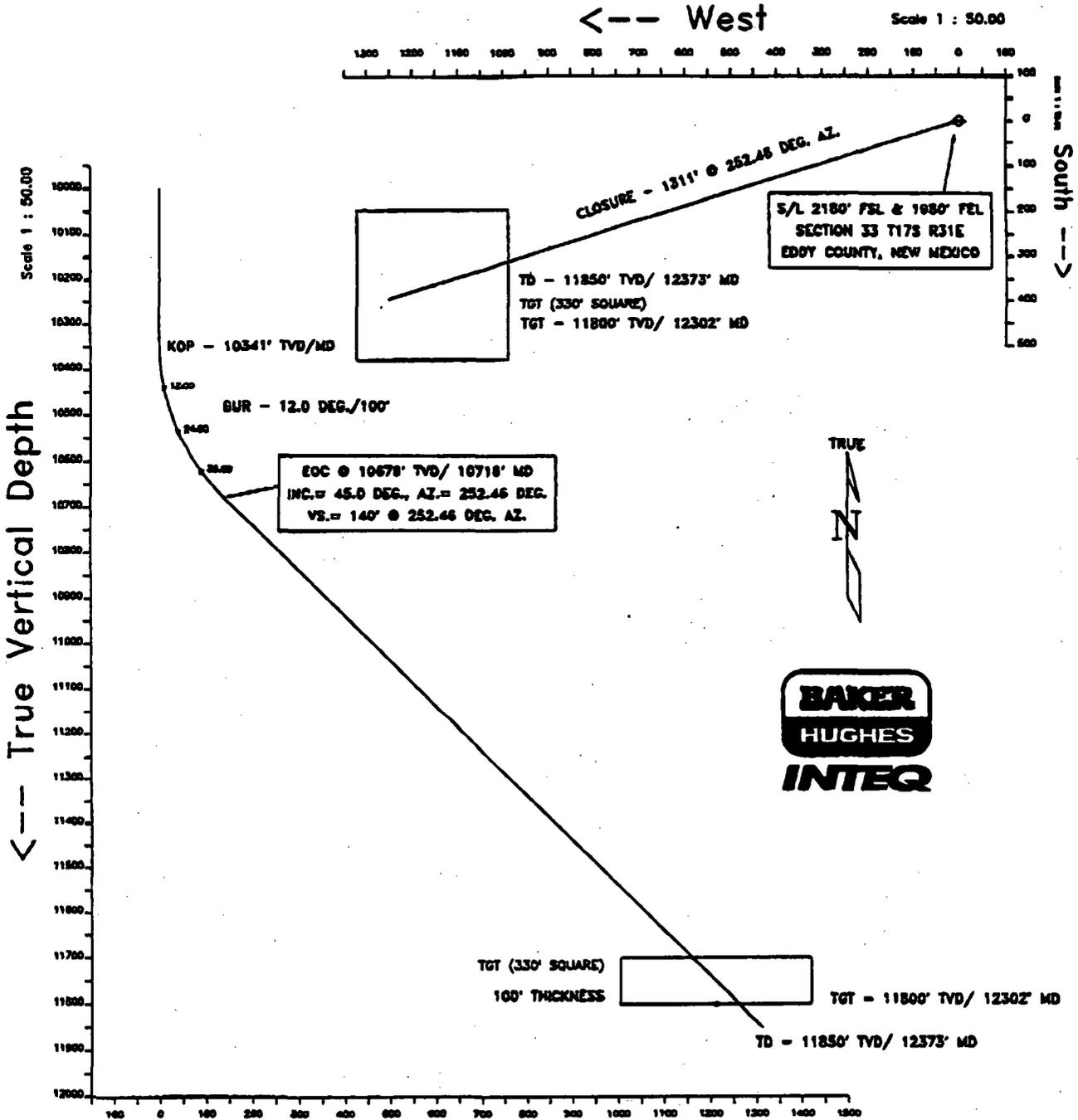
Thank you for using Return Receipt Service.

**TEXACO E&P INC.**

Structure : DOW B33 FED #1      Well : DB33F #1  
 Field : #222      Location : EDDY COUNTY, NM.

----- WELL PROFILE DATA -----

Point	MD	Inc	Az	TD	Surf	Surf Elev/100
Top of Well	0	0.00	252.46	0	0	0.00
KOP	10341	0.00	252.46	10341	0	0.00
End of Well	10718	45.00	252.46	10678	-2	-122.00
Total	12373	45.00	252.46	11850	-202	-1220.00



Scale 1 : 50.00  
 Vertical Section on 252.46 azimuth with reference 0.00 N, 0.00 E from slot #1

TEXACO E&P INC.  
DOW B33 FED #1

DB33F #1  
slot #1  
#222  
EDDY COUNTY, NM.

**P R O P O S A L L I S T I N G**

by  
Baker Hughes INTEQ

Your ref : 12/100 BUR  
Our ref : prop908  
License :

Date printed : 8-Jun-95  
Date created : 8-Jun-95  
Last revised : 8-Jun-95

Field is centred on 0.000,0.000,999.00000,N  
Structure is centred on n33 30 0.000,e104 0 0

Slot location is n33 30 0.000,w104 0 0.000  
Slot Grid coordinates are N 1413019.762, E 881409.569  
Slot local coordinates are 0.00 N 0.00 E  
Reference North is Grid North

TEXACO E&P INC.  
 DOW B33 FED #1, DB33F #1  
 #222, EDDY COUNTY, NM.

PROPOSAL LISTING Page 1  
 Your ref : 12/100 BUR  
 Last revised : 8-Jun-95

Measured Depth	Inclin. Degrees	Azimuth Degrees	True Vert. Depth	R E C T A N G U L A R C O O R D I N A T E S		Dogleg Deg/100Ft	Vert Sect
0.00	0.00	252.46	0.00	0.00 N	0.00 E	0.00	0.00
500.00	0.00	252.46	500.00	0.00 N	0.00 E	0.00	0.00
1000.00	0.00	252.46	1000.00	0.00 N	0.00 E	0.00	0.00
1500.00	0.00	252.46	1500.00	0.00 N	0.00 E	0.00	0.00
2000.00	0.00	252.46	2000.00	0.00 N	0.00 E	0.00	0.00
2500.00	0.00	252.46	2500.00	0.00 N	0.00 E	0.00	0.00
3000.00	0.00	252.46	3000.00	0.00 N	0.00 E	0.00	0.00
3500.00	0.00	252.46	3500.00	0.00 N	0.00 E	0.00	0.00
4000.00	0.00	252.46	4000.00	0.00 N	0.00 E	0.00	0.00
4500.00	0.00	252.46	4500.00	0.00 N	0.00 E	0.00	0.00
5000.00	0.00	252.46	5000.00	0.00 N	0.00 E	0.00	0.00
5500.00	0.00	252.46	5500.00	0.00 N	0.00 E	0.00	0.00
6000.00	0.00	252.46	6000.00	0.00 N	0.00 E	0.00	0.00
6500.00	0.00	252.46	6500.00	0.00 N	0.00 E	0.00	0.00
7000.00	0.00	252.46	7000.00	0.00 N	0.00 E	0.00	0.00
7500.00	0.00	252.46	7500.00	0.00 N	0.00 E	0.00	0.00
8000.00	0.00	252.46	8000.00	0.00 N	0.00 E	0.00	0.00
8500.00	0.00	252.46	8500.00	0.00 N	0.00 E	0.00	0.00
9000.00	0.00	252.46	9000.00	0.00 N	0.00 E	0.00	0.00
9500.00	0.00	252.46	9500.00	0.00 N	0.00 E	0.00	0.00
10000.00	0.00	252.46	10000.00	0.00 N	0.00 E	0.00	0.00
10340.93	0.00	252.46	10340.93	0.00 N	0.00 E	0.00	0.00
10440.93	12.00	252.46	10440.20	3.14 S	9.95 W	12.00	10.43
10540.93	24.00	252.46	10535.13	12.44 S	39.36 W	12.00	41.28
10640.93	36.00	252.46	10621.58	27.48 S	86.95 W	12.00	91.19

All data is in feet unless otherwise stated  
 Coordinates from slot #1 and TVD from wellhead.  
 Vertical section is from wellhead on azimuth 252.46 degrees.  
 Declination is 0.00 degrees, Convergence is -1.89 degrees.  
 Calculation uses the minimum curvature method.  
 Presented by Baker Hughes INTEQ

TEXACO E&P INC.  
 DOW B33 FED #1, DB33F #1  
 #222, EDDY COUNTY, NM.

PROPOSAL LISTING Page 2  
 Your ref : 12/100 BUR  
 Last revised : 8-Jun-95

Measured Depth	Inclin. Degrees	Azimuth Degrees	True Vert. Depth	R E C T A N G U L A R C O O R D I N A T E S		Dogleg Deg/100Ft	Vert Sect
10715.93	45.00	252.46	10678.55	42.14 S	133.34 W	12.00	139.85
11000.00	45.00	252.46	10879.42	102.67 S	324.88 W	0.00	340.71
11500.00	45.00	252.46	11232.97	209.21 S	662.00 W	0.00	694.27
12000.00	45.00	252.46	11586.52	315.75 S	999.12 W	0.00	1047.82
12372.61	45.00	252.46	11850.00	395.14 S	1250.34 W	0.00	1311.30

All data is in feet unless otherwise stated  
 Coordinates from slot #1 and TVD from wellhead.  
 Vertical section is from wellhead on azimuth 252.46 degrees.  
 Declination is 0.00 degrees, Convergence is -1.89 degrees.  
 Calculation uses the minimum curvature method.  
 Presented by Baker Hughes INTEQ



TEXACO

DD-107

# FAX TRANSMITTAL COVER SHEET

NOTE: DO NOT USE BLUE OR RED INK OR PENCIL ON THIS FORM. THEY WILL NOT REPRODUCE

DATE: 7/31/95     URGENT     ROUTINE    NO. OF PAGES ct 3

MESSAGE TO: Mike STOGNER

TELEPHONE NO. \_\_\_\_\_ FAX MACHINE NO. \_\_\_\_\_

DEPT./DIV./SUBS. \_\_\_\_\_

LOCATION \_\_\_\_\_ ROOM NO. \_\_\_\_\_

MESSAGE FROM: Wade Howard

TELEPHONE NO. (915) 688-4606 FAX MACHINE NO. \_\_\_\_\_

DEPT./DIV./SUBS. \_\_\_\_\_

LOCATION \_\_\_\_\_ ROOM NO. \_\_\_\_\_

SENDING DEPT. APPROVAL \_\_\_\_\_ TIME TRANSMITTED \_\_\_\_\_

RETURN ORIGINAL VIA INTER-OFFICE MAIL     RETURN ORIGINAL CALL SENDER TO PICK UP

ADDITIONAL COMMENTS:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Form 3160-S  
(June 1993)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well: <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER	5. Lease Designation and Serial No. LC-029420-8
2. Name of Operator TEXACO EXPLORATION & PRODUCTION INC.	6. If Indian, Alottee or Tribe Name
3. Address and Telephone No. P.O. BOX 730, HOBBS, NM 88240 397-0418	7. If Unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Unit Letter <u>J</u> : <u>2180</u> Feet From The <u>SOUTH</u> Line and <u>1980</u> Feet From The <u>EAST</u> Line Section <u>33</u> Township <u>17S</u> Range <u>31E</u>	8. Well Name and Number DOW "B" 33 FEDERAL 1
	9. API Well No. 30-015-27068
	10. Field and Pool, Exploratory Area EDDY UNDESIGNATED GROUP 5
	11. County or Parish, State EDDY, NEW MEXICO

12. Check Appropriate Box(s) To Indicate Nature of Notice, Report, or Other Data

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input checked="" type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input checked="" type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

PRIOR TO THIS WORKOVER, THE ABOVE WELL WAS CLASSIFIED AS A GAS WELL IN THE CEDAR LAKE EAST, MORROW ZONE. THE FOLLOWING PROCEDURE EXPLAINS HOW THE WELL WAS PLUGGED BACK & RECOMPLETED AS AN OIL WELL IN THE EDDY UNDESIGNATED GROUP 5. THE INTENT FOR THIS WORKOVER WAS VERBALLY APPROVED BY MR. JOE LARA OF THE BLM ON 5/5/95.

- 5/8/95 - 5/21/95
- MIRU. Install BOP. Pulled tubing & packer assembly from 11,495'.
  - TIH w/ CIBP. Tagged packer body & set CIBP immediately on top @ 11,495'. Capped with 35' of cmt, PBTD @ 11,450'.
  - Rigged up perforators with high-pressure lubricator and grease injector. Perforated through 2-7/8" tubing with 4" casing gun from 8720' - 8730' with 2.50" holes per foot (11 feet, 22 holes).
  - TIH w/ on/off tool with 1.875" profile nipple & packer. Tested tubing to 7000# on trip in. Set packer @ 8650' w/ 15,000# compression. Swabbed fluid down to 8600'.
  - Installed tree saver. Acidized perforations from 8720'-8730' w/ 400 gals 15% NEFE HCL. Max P = 5060#, AIR = 3 BPM. Hooked up pump to backside and held 1000# pressure throughout job. Flushed to bottom perf with 53 bbls KCL water. TOH w/ plr. Swabbed load back and tested well.
  - Set cmt retainer @ 8629'. Sqzd perforations from 8720'-8730' w/ 125 sxs class H cmt. Max P = 3000#, AIR = 2.4 BPM. Reversed out 12 sxs. TOH w/ production equipment. Well shut-in pending further evaluation.

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

SIGNATURE Monte C. Duncan TITLE Engr Asst DATE 6/22/95

TYPE OR PRINT NAME Monte C. Duncan

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:

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



DISTRICT I  
P.O. Box 1980, Hobbs, NM 88241-1980

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised February 10, 1994

DISTRICT II  
P.O. Box Drawer DD, Artesia, NM 88211-0719

### OIL CONSERVATION DIVISION

Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

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

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT IV  
P.O. Box 2088, Santa Fe, NM 87504-2088

AMENDED REPORT

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-015-27675		<sup>2</sup> Pool Code 74805		<sup>3</sup> Pool Name CEDAR LAKE EAST (MORROW)	
<sup>4</sup> Property Code 10927		<sup>5</sup> Property Name DOW "B" 33 FEDERAL			<sup>6</sup> Well No. 2
<sup>7</sup> OGRID Number 022351		<sup>8</sup> Operator Name TEXACO EXPLORATION & PRODUCTION INC.			<sup>9</sup> Elevation GR-3754', KB-3773'

#### <sup>10</sup> Surface Location

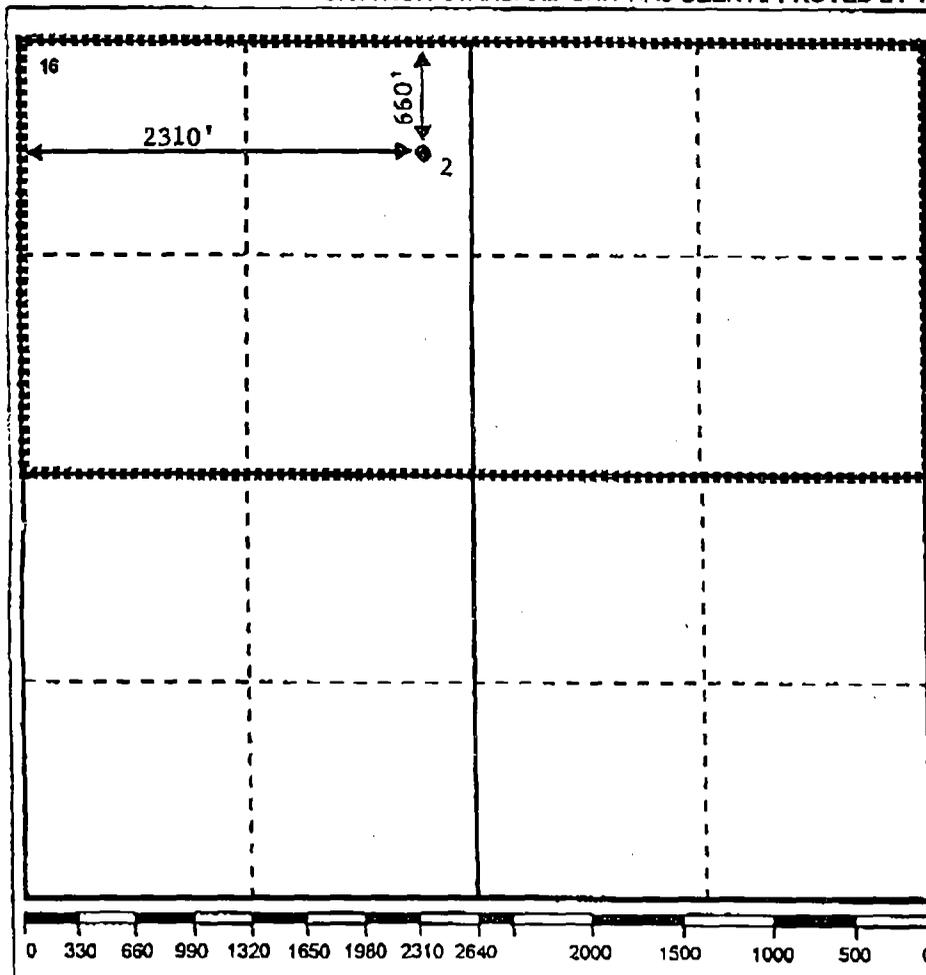
Ul or lot no.	Section	Township	Range	Lot.Idn	Feet From The	North/South Line	Feet From The	East/West Line	County
C	33	17S	31E		660	NORTH	2310	WEST	EDDY

#### <sup>11</sup> Bottom Hole Location If Different From Surface

Ul or lot no.	Section	Township	Range	Lot.Idn	Feet From The	North/South Line	Feet From The	East/West Line	County

<sup>12</sup> Dedicated Acres 328	<sup>13</sup> Joint or Infill No	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
--------------------------------------	-------------------------------------	----------------------------------	-------------------------

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



#### <sup>17</sup> OPERATOR CERTIFICATION

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

Signature  
*Monte C. Duncan*

Printed Name  
Monte C. Duncan

Position  
Engr Asst

Date  
6/13/95

#### <sup>18</sup> SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

Signature & Seal of  
Professional Surveyor

Certificate No.



TEXACO

# FAX TRANSMITTAL COVER SHEET

NOTE: DO NOT USE BLUE OR RED INK OR PENCIL ON THIS FORM. THEY WILL NOT REPRODUCE

DATE: 7-28-95     URGENT     ROUTINE    NO. OF PAGES C + 11

MESSAGE TO: MICHAEL STOGNER

TELEPHONE NO. \_\_\_\_\_ FAX MACHINE NO. \_\_\_\_\_

DEPT./DIV./SUBS. \_\_\_\_\_

LOCATION \_\_\_\_\_ ROOM NO. \_\_\_\_\_

MESSAGE FROM: C. WADE HOWARD

TELEPHONE NO. (915) 688-4606 FAX MACHINE NO. (915) 688-4831

DEPT./DIV./SUBS. \_\_\_\_\_

LOCATION \_\_\_\_\_ ROOM NO. \_\_\_\_\_

SENDING DEPT. APPROVAL \_\_\_\_\_ TIME TRANSMITTED \_\_\_\_\_

RETURN ORIGINAL VIA INTER-OFFICE MAIL

RETURN ORIGINAL CALL SENDER TO PICK UP

ADDITIONAL COMMENTS:

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Texaco Exploration and Production Inc  
Midland Producing Division

500 N Loraine  
Midland TX 79701

P O Box 3109  
Midland TX 79702

June 15, 1995

GOV - STATE AND LOCAL GOVERNMENTS

Directional Drilling  
Dow "B" -33- Federal Well No. 1  
Cedar Lake, East Morrow Field  
Eddy County, New Mexico

State of New Mexico  
Energy and Minerals Department  
Oil Conservation Division  
2040 South Pacheco  
Santa Fe, New Mexico 87505

Attention: Mr. Michael E. Stogner

Gentlemen:

Administrative approval, Rule 111 c.2, is requested to sidetrack and directionally drill the captioned well to an orthodox bottomhole location.

This well is no longer economical to produce because of high water production. Plans are to sidetrack to well at +/-10,341' and directionally drill to a TVD of 11,850' at a proposed bottomhole location of 2145' FWL and 1015' FSL of Section 33, T-17-S, R-31-E. Productive formation should be encountered in the morrow formation resulting in a commercial well. Attached for your information is a copy of the proposed deviation program.

The "affected" offset operators to this well have been notified of this request (see attached offset operator's list and certified mail receipts).

Attached is Form C-102 showing the surface location and proposed bottomhole location for this well. Any questions concerning this request should be directed to me at (915) 688-4606.

Yours very truly,

*C. Wade Howard*

C. W. Howard  
Engineer's Assistant

CWH:

CC: BLM, P. O. Box 1778, Carlsbad, NM 88220

Attachments

Submit to Appropriate District Office  
 State Lease - 4 copies  
 Fee Lease - 3 copies

State of New Mexico  
 Energy, Minerals and Natural Resources Department

Form C-102  
 Revised 1-1-89

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

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

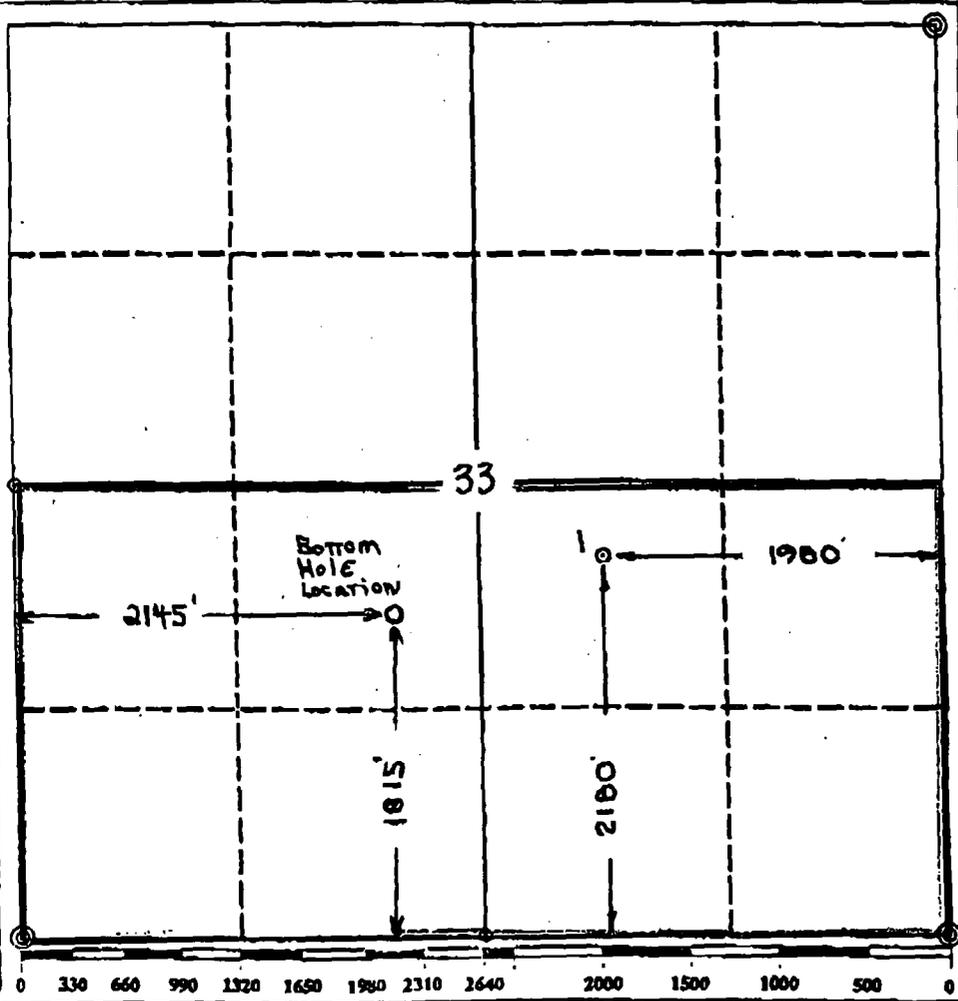
**DISTRICT II**  
 P.O. Drawer DD, Aztec, NM 88210

**DISTRICT III**  
 1000 Rio Brizos Rd., Aztec, NM 87410

**WELL LOCATION AND ACREAGE DEDICATION PLAT**  
 All Distances must be from the outer boundaries of the section

Operator <b>TEXACO EXPLORATION AND PRODUCTION INC.</b>		Lease <b>DOW "B" 33 FEDERAL</b>		Well No. <b>1</b>
Unit Letter <b>J</b>	Section <b>33</b>	Township <b>17-South</b>	Range <b>31-East</b>	County <b>NMEM PDDY</b>
Actual Footage Location of Well: <b>2180</b> feet from the <b>South</b> line and <b>1980</b> feet from the <b>East</b> line				
Ground level Elev. <b>3760</b>	Producing Formation <b>MORROW</b>	Pool <b>Cedar Lake, East Morrow</b>	Dedicated Acreage: <b>320</b> Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?
  - Yes  No If answer is "yes" type of consolidation \_\_\_\_\_
 If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)  
 No allowables will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division.



**OPERATOR CERTIFICATION**  
 I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature: *Royce D. Mariott*  
 Printed Name: **Royce D. Mariott**  
 Position: **Division Surveyor**  
 Company: **Texaco Expl. & Prod. Inc.**  
 Date: **June 17, 1992**

**SURVEYOR CERTIFICATION**  
 I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed: **June 16, 1992**  
 Signature & Seal of Professional Surveyor: *John S. Piper*  
 Certificate No.: **7254 John S. Piper**

Sheet of

○ = Found 1" Iron Pipe with GLO Brass Cap      ⊙ = Found 2 or 3" Iron Pipe with GLO Brass Cap



Texaco Exploration and Production Inc  
Midland Producing Division

600 N. Lorenz  
Midland TX 79701

P. O. Box 3106  
Midland TX 79701

June 13, 1995

GOV - STATE AND LOCAL GOVERNMENTS

Directional Drilling  
Dow "B" -33- Federal Well No. 1  
Sec. 33, T-17-S, R-31-E  
Cedar Lake, East Morrow Field  
Eddy County, New Mexico

TO THE OFFSET OPERATORS

Gentlemen:

As an offset operator to the captioned lease, you are being furnished with a copy of our Application to sidetrack and directionally drill the captioned well. If you have no objection, please sign the waiver at the bottom of this letter and return in the enclosed envelope.

Any questions concerning this request should be directed to me at (915) 688-4606.

Yours very truly,

C. W. Howard  
Engineer's Assistant

cmw:cmw

File

**WAIVER APPROVED:**

**COMPANY:** \_\_\_\_\_

**BY:** \_\_\_\_\_

**DATE:** \_\_\_\_\_

**OFFSET OPERATOR'S LIST  
DOW "B" -33- FEDERAL WELL No. 1  
EDDY COUNTY, NEW MEXICO**

**Texaco Exploration and Production Inc.  
P. O. Box 3109  
Midland, Texas 79702**

**Coastal Management Corporation  
P. O. Box 2720  
Midland, Texas 79702**

**Atlantic Richfield Company  
P. O. Box 1610  
Midland, Texas 79702**

**Anadarko Petroleum Corporation  
P. O. Box 2497  
Midland, Texas 79702**

**Marathon Oil Company  
P. O. Box 552  
Midland, Texas 79702**

**Harvey E. Yates Company  
Spiral, Inc.  
Explorers Petroleum Corporation  
Heyco Employees, Ltd.  
P. O. Box 1933  
Roswell, New Mexico 88202**

**Yates Energy Corporation  
Yates-McMinn Drilling Venture 1984-1  
1010 Sunwest Centre  
Roswell, New Mexico 88202**

**Jalapeno Corporation  
P. O. Box 1608  
Albuquerque, New Mexico 87103**

**William A. Hudson/Roxie  
William A. Hudson, III, Trustee  
Edward R. Hudson, Jr., Trustee  
616 Texas St.  
Fort Worth, Texas 76102**

**Mary Hudson Ard, Trustee  
Edward R. Hudson Trust 4  
4808 Westridge  
Fort Worth, Texas 76116**

Is your RETURN ADDRESS completed on the reverse side?

**SENDER:**

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

- Addressee's Address
- Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:  
Coastal Marine Corp  
P. O. Box 2720  
Midland, TX 79702

4a. Article Number  
P 188 919 626

4b. Service Type  
 Registered  Insured  
 Certified  COD  
 Express Mail  Return Receipt for Merchandise

7. Date of Delivery  
JUN 14 1995

5. Signature (Addressee)  
*Shelli Jackson*

6. Signature (Agent)  
*Shelli Jackson*

8. Addressee's Address (Only if requested and fee is paid)

PS Form 3811, December 1991 U.S. GPO: 1993-353-714 **DOMESTIC RETURN RECEIPT**

Thank you for using Return Receipt Service.

Is your RETURN ADDRESS completed on the reverse side?

**SENDER:**

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
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- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

- Addressee's Address
- Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:  
Atlantic Richfield Co.  
P. O. Box 1610  
Midland, Texas 79702

4a. Article Number  
P 188 919 627

4b. Service Type  
 Registered  Insured  
 Certified  COD  
 Express Mail  Return Receipt for Merchandise

7. Date of Delivery  
JUN 14 1995

5. Signature (Addressee)  
*Bob*

6. Signature (Agent)

8. Addressee's Address (Only if requested and fee is paid)

PS Form 3811, December 1991 U.S. GPO: 1993-353-714 **DOMESTIC RETURN RECEIPT**

Thank you for using Return Receipt Service.

Is your RETURN ADDRESS completed on the reverse side?

**SENDER:**

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

- Addressee's Address
- Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:  
Anadarko Petroleum Corp.  
P. O. Box 2497  
Midland, TX 79702

4a. Article Number  
P 188 919 628

4b. Service Type  
 Registered  Insured  
 Certified  COD  
 Express Mail  Return Receipt for Merchandise

7. Date of Delivery  
JUN 14 1995

5. Signature (Addressee)

6. Signature (Agent)  
*Shelli Jackson*

8. Addressee's Address (Only if requested and fee is paid)

PS Form 3811, December 1991 U.S. GPO: 1993-353-714 **DOMESTIC RETURN RECEIPT**

Thank you for using Return Receipt Service.

**Is your RETURN ADDRESS completed on the reverse side?**

1. Article Addressed to:  
Marathon Oil Company  
P. O. Box 552  
Midland, Texas 79702

2. Article Number  
P 188 919 629

3. Service Type  
 Registered  Insured  
 Certified  COD  
 Express Mail  Return Receipt for Merchandise

4. Date of Delivery

5. Signature (Addressee)

6. Signature (Agent)

7. Addressee's Address (Only if requested and fee is paid)

PS Form 3811, December 1981 GSA GEN. REG. NO. 202-714 **DOMESTIC RETURN RECEIPT**

**Is your RETURN ADDRESS completed on the reverse side?**

**SENDER:**  
• Complete items 1 and/or 2 for additional services.  
• Complete items 3, and 4a & b.  
• Print your name and address on the reverse of this form so that we can return this card to you.  
• Attach this form to the front of the mailpiece, or on the back if space does not permit.  
• Write "Return Receipt Requested" on the mailpiece below the article number.  
• The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):  
1.  Addressee's Address  
2.  Restricted Delivery  
Consult postmaster for fee.

3. Article Addressed to:  
Harvey E. Yates Company  
Spiral, Inc.  
Explorers Pet. Corp.  
Heyco Employees, Ltd.  
P. O. Box 1933  
Roswell, New Mexico 88202

4a. Article Number  
P 188 919 630

4b. Service Type  
 Registered  Insured  
 Certified  COD  
 Express Mail  Return Receipt for Merchandise

5. Date of Delivery  
14/19/95

6. Signature (Addressee)

7. Signature (Agent)  
*Harvey E. Yates*

8. Addressee's Address (Only if requested and fee is paid)

PS Form 3811, December 1981 GSA GEN. REG. NO. 202-714 **DOMESTIC RETURN RECEIPT**

**Is your RETURN ADDRESS completed on the reverse side?**

**SENDER:**  
• Complete items 1 and/or 2 for additional services.  
• Complete items 3, and 4a & b.  
• Print your name and address on the reverse of this form so that we can return this card to you.  
• Attach this form to the front of the mailpiece, or on the back if space does not permit.  
• Write "Return Receipt Requested" on the mailpiece below the article number.  
• The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):  
1.  Addressee's Address  
2.  Restricted Delivery  
Consult postmaster for fee.

3. Article Addressed to:  
Yates Energy Corporation  
Yates-McMinn Drilling Venture  
1010 Sunwest Centre 1948-1  
Roswell, New Mexico 88202

4a. Article Number  
P 188 919 631

4b. Service Type  
 Registered  Insured  
 Certified  COD  
 Express Mail  Return Receipt for Merchandise

5. Date of Delivery  
14/19/95

6. Signature (Addressee)

7. Signature (Agent)  
*Harvey E. Yates*

8. Addressee's Address (Only if requested and fee is paid)

PS Form 3811, December 1981 GSA GEN. REG. NO. 202-714 **DOMESTIC RETURN RECEIPT**

**PS Form 3811, December 1991 U.S. GPO: 1993-325-714 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 boxes for additional services requested.

1.  Show to whom delivered, date, and addressee's address. 2.  Restricted Delivery (Extra charge)

3. Article Addressed to:  
**JALAPENO CORPORATION**  
**P.O. Box 1608**  
**ALBUQUERQUE, NM**

4a. Article Number  
**P 188 919 638**

4b. Service Type  
 Registered  Insured  
 Certified  COD  
 Express Mail  Return Receipt for Merchandise

Date of Delivery

5. Signature (Addressee)

6. Signature (Agent)  
*[Signature]*

7. Addressee's Address (Only if requested and fee is paid)

**ALBUQUERQUE, NM 87106-0457**

**PS Form 3811, December 1991 U.S. GPO: 1993-325-714 DOMESTIC RETURN RECEIPT**

**PS Form 3811, Apr. 1989 U.S.G.A.R.O. 1988-228-818 DOMESTIC RETURN RECEIPT**

**SENDER:** Complete items 1 and 2 for additional services. Complete items 3, and 4a & b. Print your name and address on the reverse of this form so that we can return this card to you. Attach this form to the front of the mailpiece, or on the back if space does not permit. Write "Return Receipt Requested" on the mailpiece below the article number. The Return Receipt will show to whom the article was delivered and the date delivered.

1.  Show to whom delivered, date, and addressee's address. 2.  Restricted Delivery (Extra charge)

3. Article Addressed to:  
**William A. Hudson/Rozie**  
**William A. Hudson, III, Trustee**  
**Edward R. Hudson, Jr., Trustee**  
**616 Texas Street**  
**Fort Worth, Texas 76102**

4. Article Number  
**P 046 660 730**

Type of Service:  
 Registered  Insured  
 Certified  COD  
 Express Mail  Return Receipt for Merchandise

Always obtain signature of addressee or agent and **DATE DELIVERED**

5. Signature - Addressee  
**X**

6. Signature Agent  
**X** *[Signature]*

7. Date of Delivery  
**JUN 15 1995**

8. Addressee's Address (ONLY if requested and fee is paid)

**PS Form 3811, Apr. 1989 U.S.G.A.R.O. 1988-228-818 DOMESTIC RETURN RECEIPT**

**PS Form 3811, December 1991 U.S. GPO: 1993-325-714 DOMESTIC RETURN RECEIPT**

**SENDER:** Complete items 1 and/or 2 for additional services. Complete items 3, and 4a & b. Print your name and address on the reverse of this form so that we can return this card to you. Attach this form to the front of the mailpiece, or on the back if space does not permit. Write "Return Receipt Requested" on the mailpiece below the article number. The Return Receipt will show to whom the article was delivered and the date delivered.

1.  Show to whom delivered, date, and addressee's address. 2.  Restricted Delivery (Extra charge)

3. Article Addressed to:  
**Mary Hudson Ard, Trustee**  
**Edward R. Hudson Trust 4**  
**4808 Westridge**  
**Fort Worth, TX 76116**

4a. Article Number  
**P 188 919 634**

4b. Service Type  
 Registered  Insured  
 Certified  COD  
 Express Mail  Return Receipt for Merchandise

7. Date of Delivery  
**6-22-95**

5. Signature (Addressee)

6. Signature (Agent)  
*[Signature]*

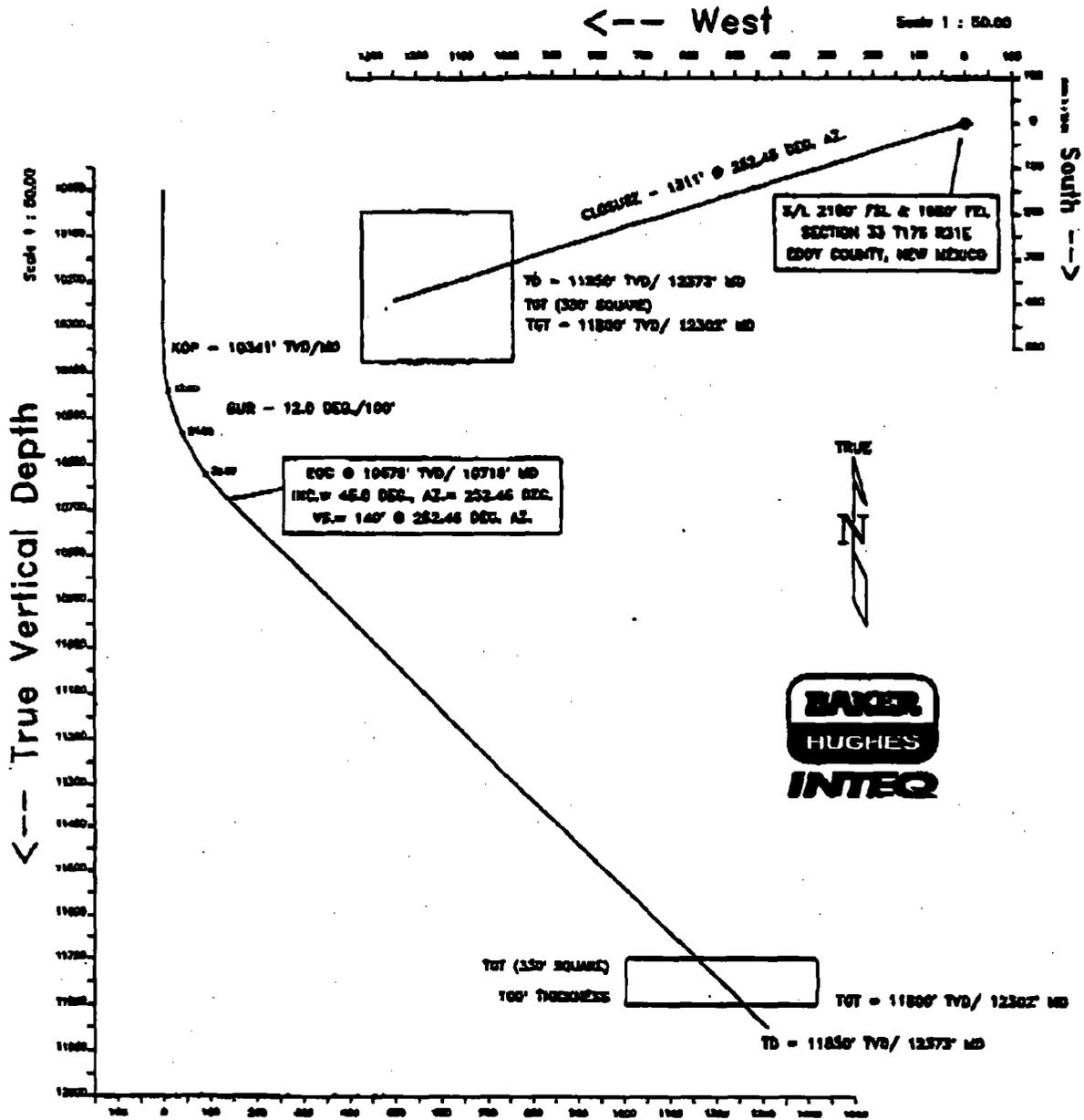
8. Addressee's Address (Only if requested and fee is paid)

**PS Form 3811, December 1991 U.S. GPO: 1993-325-714 DOMESTIC RETURN RECEIPT**

# TEXACO E&P INC.

Structure : DOW B33 FED #1      Well : DB33F #1  
 Field : #222      Location : EDDY COUNTY, NM.

WELL PROFILE DATA					
DEPTH (FEET)	LOG REDUCTION (FEET)	LOG REDUCTION (FEET)	LOG REDUCTION (FEET)	LOG REDUCTION (FEET)	LOG REDUCTION (FEET)
0	0	0	0	0	0
100	0	0	0	0	0
200	0	0	0	0	0
300	0	0	0	0	0
400	0	0	0	0	0
500	0	0	0	0	0
600	0	0	0	0	0
700	0	0	0	0	0
800	0	0	0	0	0
900	0	0	0	0	0
1000	0	0	0	0	0
1100	0	0	0	0	0
1200	0	0	0	0	0
1300	0	0	0	0	0
1400	0	0	0	0	0
1500	0	0	0	0	0
1600	0	0	0	0	0
1700	0	0	0	0	0
1800	0	0	0	0	0
1900	0	0	0	0	0
2000	0	0	0	0	0
2100	0	0	0	0	0
2200	0	0	0	0	0
2300	0	0	0	0	0
2400	0	0	0	0	0
2500	0	0	0	0	0
2600	0	0	0	0	0
2700	0	0	0	0	0
2800	0	0	0	0	0
2900	0	0	0	0	0
3000	0	0	0	0	0
3100	0	0	0	0	0
3200	0	0	0	0	0
3300	0	0	0	0	0
3400	0	0	0	0	0
3500	0	0	0	0	0
3600	0	0	0	0	0
3700	0	0	0	0	0
3800	0	0	0	0	0
3900	0	0	0	0	0
4000	0	0	0	0	0
4100	0	0	0	0	0
4200	0	0	0	0	0
4300	0	0	0	0	0
4400	0	0	0	0	0
4500	0	0	0	0	0
4600	0	0	0	0	0
4700	0	0	0	0	0
4800	0	0	0	0	0
4900	0	0	0	0	0
5000	0	0	0	0	0



Scale 1 : 50.00  
 Vertical Section on 252.45 azimuth with reference 0.00 N, 0.00 E from elev #1

TEXACO E&P INC.  
DOW B33 FED #1

DB33P #1  
slot #1  
#222  
EDDY COUNTY, NM.

**P R O P O S A L L I S T I N G**

by  
Baker Hughes INTEQ

Your ref : 12/100 BUR  
Our ref : prop908  
License :

Date printed : 8-Jun-95  
Date created : 8-Jun-95  
Last revised : 8-Jun-95

Field is centred on 0.000,0.000,999.00000,N  
Structure is centred on n33 30 0.000,e104 0 0

Slot location is n33 30 0.000,w104 0 0.000  
Slot Grid coordinates are N 1413039.762, E 881409.569  
Slot local coordinates are 0.00 N 0.00 E  
Reference North is Grid North



TEXACO E&P INC.  
 DOW B33 FED #1, DB33F #1  
 #222, EDDY COUNTY, NM.

PROPOSAL LISTING Page 2  
 Your Ref : 12/100 BUR  
 Last revised : 8-Jun-95

Measured Depth	Inclin. Degrees	Azimuth Degrees	True Vert. Depth	R E C T A N G U L A R C O O R D I N A T E S	Dogleg Deg/100ft	Vert Sect
10715.93	45.00	252.46	10678.55	42.14 S 133.34 W	12.00	139.85
11000.00	45.00	252.46	10879.42	102.67 S 324.88 W	0.00	340.71
11500.00	45.00	252.46	11232.97	209.21 S 662.00 W	0.00	694.27
12000.00	45.00	252.46	11586.52	315.75 S 999.12 W	0.00	1047.82
12372.61	45.00	252.46	11850.00	395.14 S 1250.34 W	0.00	1311.30

All data is in feet unless otherwise stated.  
 Coordinates from slot #1 and TVD from wellhead.  
 Vertical section is from wellhead on azimuth 252.46 degrees.  
 Declination is 0.00 degrees, Convergence is -1.89 degrees.  
 Calculation uses the minimum curvature method.  
 Presented by Baker Hughes INTEQ