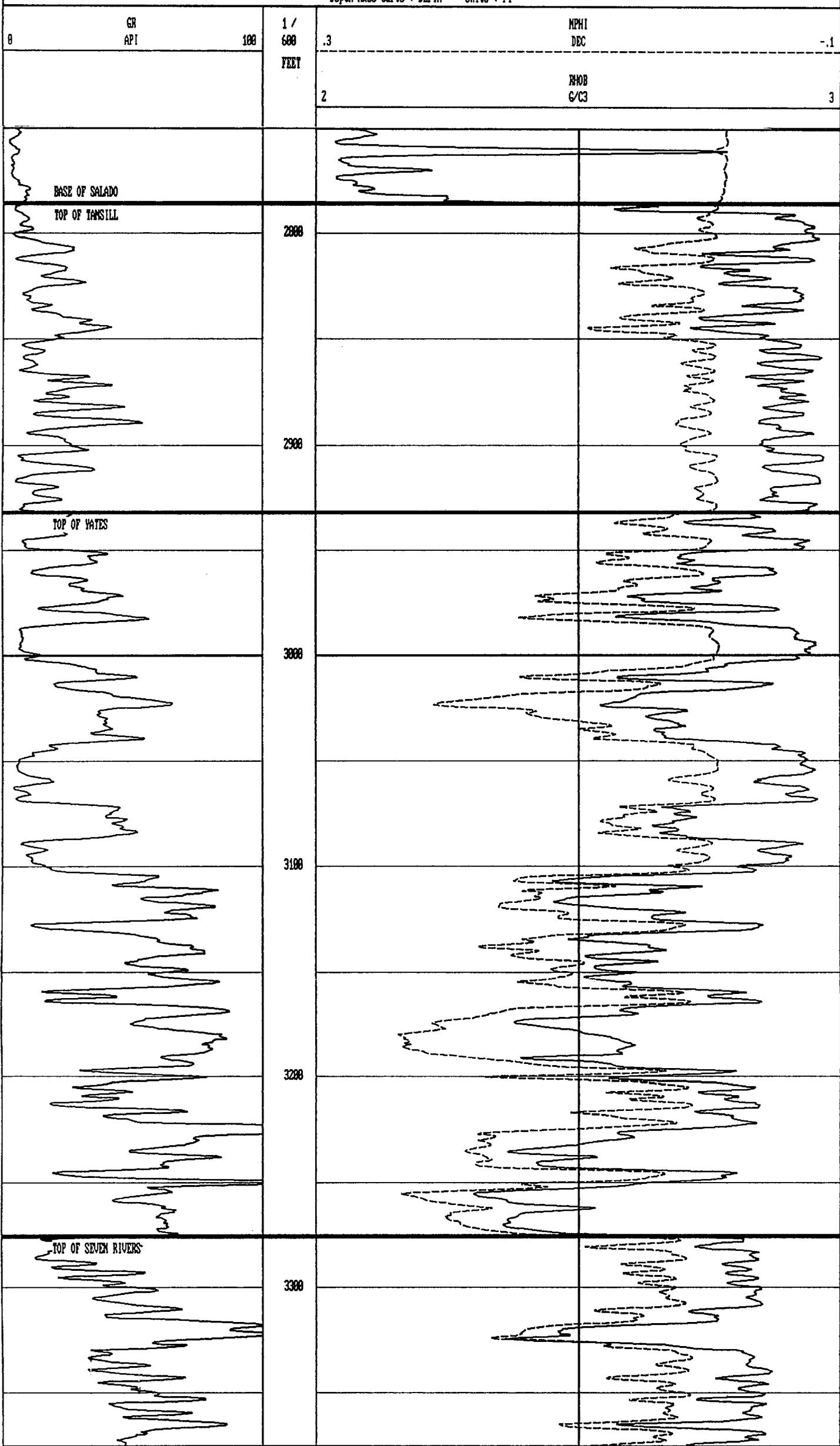


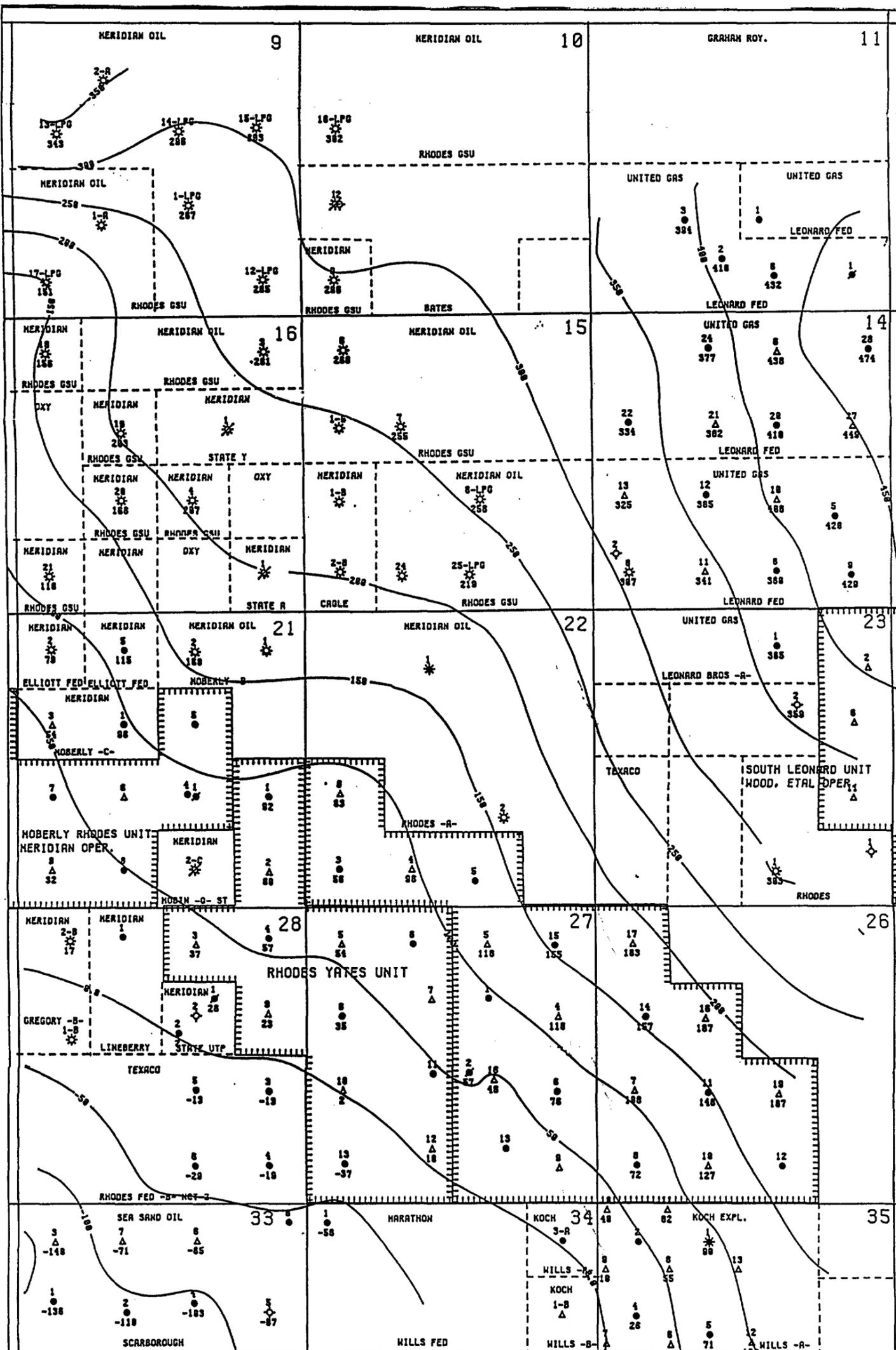
EXHIBITS 1 THROUGH 9  
Complete Set

---



RHODES YATES UNIT NO. 16 (TYPE LOG)  
 24-NOV-92 @ 18:28:48  
 Depth Axis Curve : DEPTH Units : FT





**LEGEND**

- OIL WELL
- P&A OIL WELL
- ▲ INJECTOR
- \* GAS WELL
- \*■ P&A GAS WELL
- \*○ OIL & GAS WELL
- \*■ P&A OIL & GAS WELL
- ◇ D&A
- LOCATION

BEFORE EXAMINER CATALOG  
OIL CONSERVATION DIVISION

TEXACO EXHIBIT NO. 3

CASE NO 10572 AND 10573

TEXACO INC.

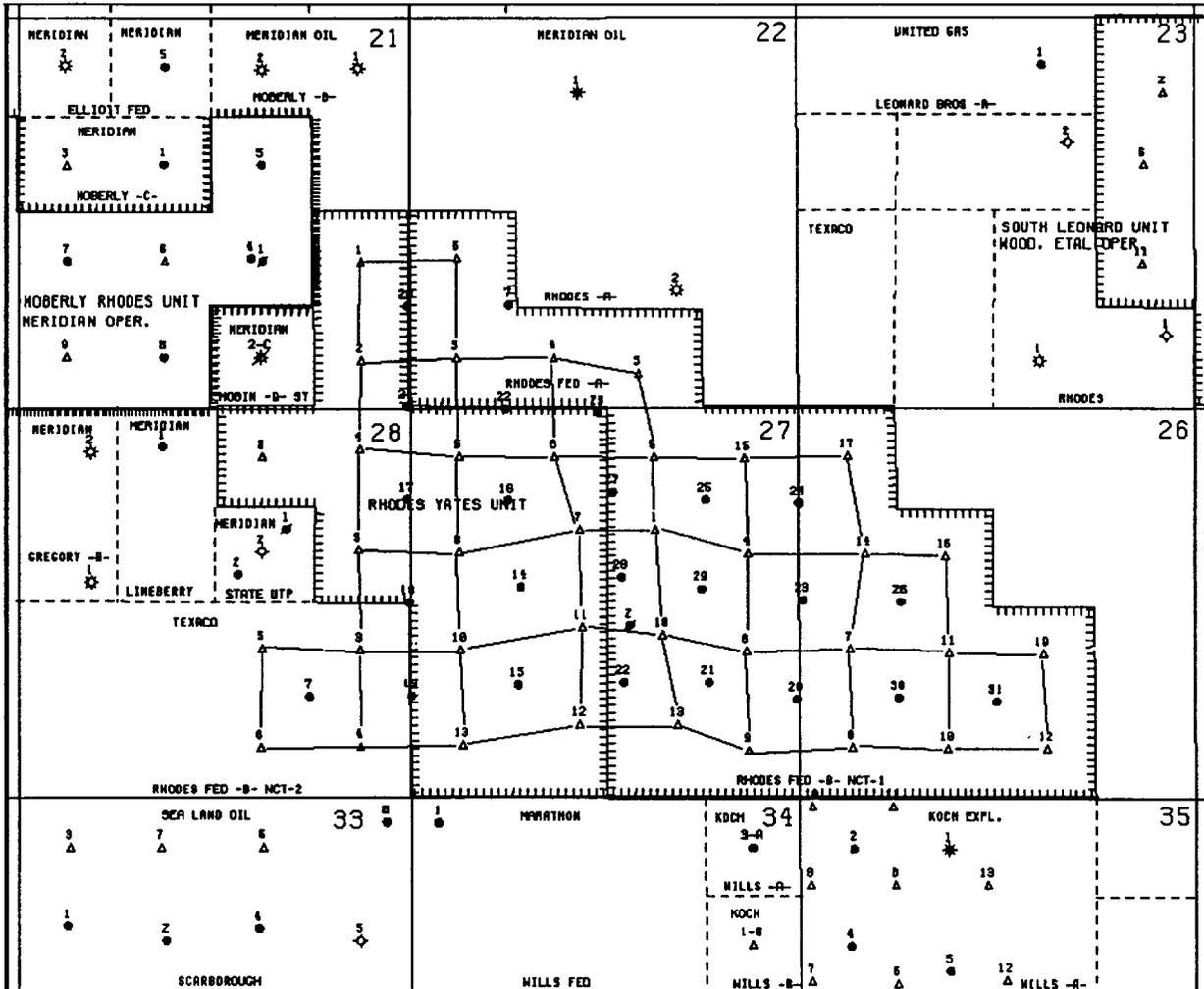
HOBBS NH

U.S.A.

RHODES YATES WATERFLOOD AREA  
STRUCTURE TOP OF YATES  
LEA COUNTY, NEW MEXICO

1"=1000' C. E. SADLER 28-MAR-81





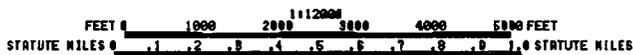
**LEGEND**

- OIL WELL
- P&A OIL WELL
- ▲ INJECTOR
- \* GAS WELL
- \* P&A GAS WELL
- \* OIL & GAS WELL
- \* P&A OIL & GAS WELL
- ◊ D&A
- LOCATION

BEFORE EXAMINER CATANACH  
OIL CONSERVATION DIVISION

**TEXACO** EXHIBIT NO 5

CASE NO. 10572 AND 10573



**TEXACO INC.**  
HOBSBS      NH      U.S.A.

**RHODES YATES WATERFLOOD  
40 ACRE LINE DRIVE  
WITH LEASE LINE WELLS  
LEA COUNTY, NEW MEXICO**

1"=1000'      C. E. BROLER      2-DEC-61



August 25, 1992

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

Attention: Ben Stone

Re: Application for Expansion of Waterflood;  
Orders R-2748/48A, 3889, 4521/22 & WFX-454  
Texaco Exploration and Production Inc.  
Rhodes Yates Unit, Rhodes B Fed NCT-1 - Rhodes Yates 7R  
T-26-S, R-37-E, Lea County, New Mexico

Gentlemen:

Texaco Exploration and Production Inc. respectfully requests administrative approval for the expansion of the Rhodes Yates Unit and Rhodes B Fed NCT-1 (CO-OP). Two oil wells in the Unit and two oil wells on the Rhodes B NCT-1 will be converted to water injection. This work will help maintain reservoir pressure and recover additional oil reserves that would otherwise be left in place. This work will be done in conjunction with a workover program to develop additional Yates reserves. Five infill oil wells will also be drilled.

Texaco E&P Inc. respectfully requests that the Rhodes Yates Unit and the Rhodes B NCT-1 be expanded to include the conversion of four producing wells to water injection. Administration approval is requested so that the necessary operations can be advanced in a prudent manner.

Yours very truly,

Terry L. Frazier  
Hobbs Area Manager

TLF:rtm

attachments

BEFORE EXAMINER CATANACH	
OIL CONSERVATION DIVISION	
TEXACO	EXHIBIT NO. <u>6</u>
CASE NO. <u>10572 AND 10573</u>	

APPLICATION FOR AUTHORIZATION TO INJECT

I. Purpose:  Secondary Recovery  Pressure Maintenance  Disposal  Storage  
Application qualifies for administrative approval?  yes  no

II. Operator: Texaco Exploration & Production Inc.

Address: P.O. Box 730, Hobbs, New Mexico 88240

Contact party: Terry L. Frazier, Area Manager Phone: 505 - 397 - 0411

III. Well data: Complete the data required on the reverse side of this form for each well proposed for injection. Additional sheets may be attached if necessary.

IV. Is this an expansion of an existing project?  yes  no R-2748, 2748 A, 3889,  
If yes, give the Division order number authorizing the project 4521, WFX-454, R-4522

V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.

\* VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.

VII. Attach data on the proposed operation, including:

1. Proposed average and maximum daily rate and volume of fluids to be injected;
2. Whether the system is open or closed;
3. Proposed average and maximum injection pressure;
4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and
5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).

\*VIII. Attach appropriate geological data on the injection zone including appropriate lithologic detail, geological name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such source known to be immediately underlying the injection interval.

IX. Describe the proposed stimulation program, if any.

\* X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division they need not be resubmitted.)

\* XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.

XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground source of drinking water.

XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.

XIV. Certification

I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

Name: Terry L. Frazier Title Area Manager

Signature: *Terry L. Frazier* Date: 8/25/92

\* If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be duplicated and resubmitted. Please show the date and circumstance of the earlier submittal. R-2748, 6-29-74; 2748A, 12-3-69; 3889, 12-2-69; 4521, 5-17-73;

R-4522, 5-17-73 and WFX-454, 8-2-77, Examiner Hearings and administrative applications.

DISTRIBUTION: Original and one copy to Santa Fe with one copy to the appropriate Division

## III. WELL DATA

A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:

- (1) Lease name; Well No.; location by Section, Township, and Range; and footage location within the section.
- (2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.
- (3) A description of the tubing to be used including its size, lining material, and setting depth.
- (4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

Division District offices have supplies of Well Data Sheets which may be used or which may be used as models for this purpose. Applicants for several identical wells may submit a "typical data sheet" rather than submitting the data for each well.

B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.

- (1) The name of the injection formation and, if applicable, the field or pool name.
- (2) The injection interval and whether it is perforated or open-hole.
- (3) State if the well was drilled for injection or, if not, the original purpose of the well.
- (4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.
- (5) Give the depth to and name of the next higher and next lower oil or gas zone in the area of the well, if any.

## XIV. PROOF OF NOTICE

All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

- (1) The name, address, phone number, and contact party for the applicant;
- (2) the intended purpose of the injection well; with the exact location of single wells or the section, township, and range location of multiple wells;
- (3) the formation name and depth with expected maximum injection rates and pressures; and
- (4) a notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87501 within 15 days.

**NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN SUBMITTED.**

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**NOTICE:** Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.

**NEW MEXICO OIL CONSERVATION DIVISION - Form C-108, cont'd**

**Summary of Details for Conversion of Wells to Water Injection**

Rhodes Yates Unit - Rhodes Yates Seven Rivers

8 - Unit Letter E, 1875 FNL & 765 FWL, Section 27, T26S, R37E  
13 - Unit Letter M, 660 FSL & 660 FWL, Section 27, T26S, R37E

W.H. Rhodes B Fed NCT-1 - Rhodes Yates Seven Rivers

6 - Unit Letter I, 1980 FSL & 660 FEL, Section 27, T26S, R37E  
13 - Unit Letter O, 990 FSL & 1650 FEL, Section 27, T26S, R37E

- III. All pertinent well data is included on the well schematic sheets. Additional wells will eventually be converted as part of later phases of infill drilling. A braden head survey was run in April, 1991, on all unit and Co-op wells within the area of review. Survey sheets for the referenced wells are attached.
- V. A Lease map of wells within a 2 mile radius is attached. A 1/2 mile radius circle is drawn around the subject wells.
- VI. Data for sections VI, VIII, X and XI have been previously submitted under NMOCD Order R-2748 dated 6/29/64, R-2748A on 12/3/69, R-3889 on 12/2/69, R-4521 and 4522 on 5/17/73. Additional information was supplied on July 18, 1977 as part of the 1978 waterflood expansion application (WFX-454).

Rhodes Yates Unit #13 was drilled in 1978 and was the last well drilled in the area of review. Texaco will drill 5 infill wells in the last quarter of 1992. Two will be in the Co-op and three will be on the unit. The full plan of development has been discussed with the NMOCD in Hobbs and the BLM in Roswell, and both have given their approval. Construction details for the five infill wells are attached. However, the applications to drill have not been filed yet.

Four wells have been plugged within the leasehold area. Three were plugged before 1960 and information on these has previously been submitted in prior applications. Meridian Oil Inc's State UTP #1 was plugged 3-27-92 and a final plugging report is attached. Texaco E&P Inc's W.H. Rhodes B NCT-1 #2 will be plugged as soon as partner and Federal approval have been granted. The intent to plug is also attached.

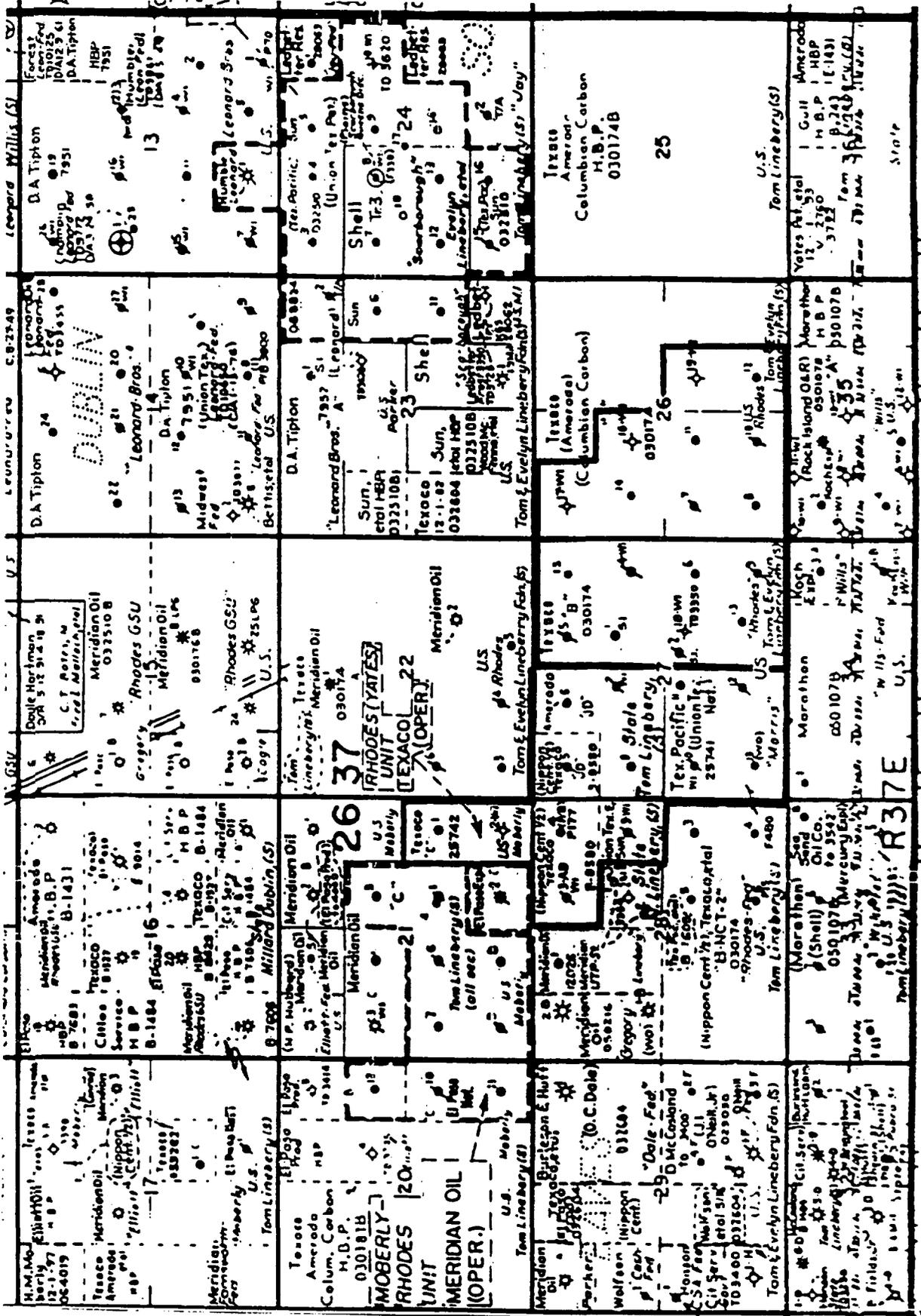
NEW MEXICO OIL CONSERVATION DIVISION - Form C-108, cont'd

Summary of Details for Conversion of Wells to Injection Status

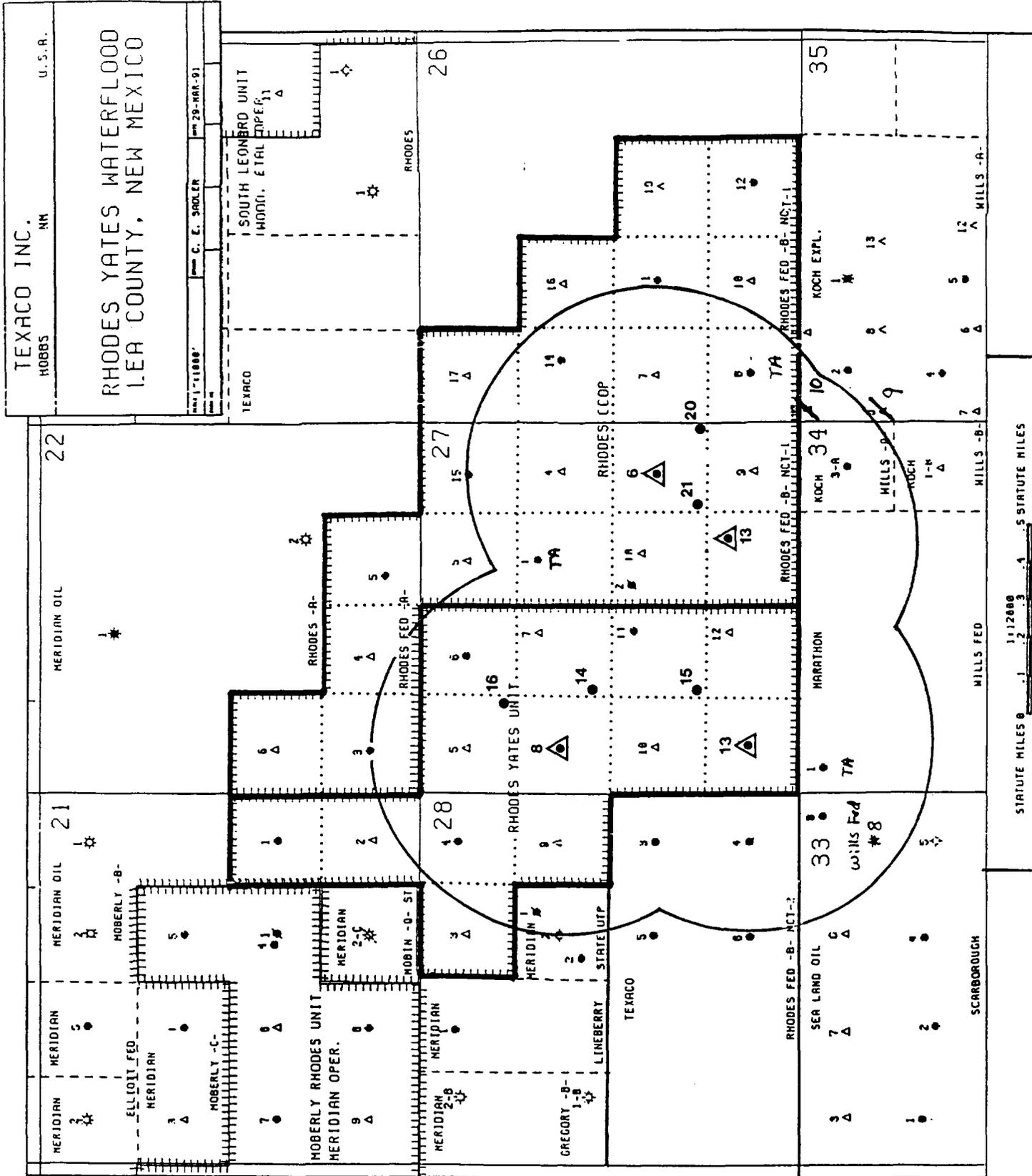
Rhodes Yates Unit, Rhodes B NCT-1 - Rhodes Yates Seven Rivers

- VII. Proposed average daily injection rate per well is 500 Bbls per day and anticipated maximum rate is 750 Bbls per day. Maximum pressure will not exceed 2000 psi system working pressure. The average injection pressure will not exceed 600 psi until a step rate test establishes a higher limit. The system will be closed.
- IX. As part of the overall infill drilling project, a workover program will be aimed at developing the middle Yates zone. Both producers and injectors will have some upper pay zones opened and stimulated. Net additional pay will average about 60' and will be hydraulically fracture treated. The injection well work will be centered around diverting a substantial part of the water into the middle zones that have not been developed across the leasehold.
- XII. Based on current geological and engineering data, there is no evidence of natural or artificially induced open faults within the unitized interval or above. There is no communication from the injection zone to any subsurface source of drinking water.
- XIII.A notarized copy of a "Proof of Notice" is included.

RHODES YATES FIELD LEA COUNTY, NEW MEXICO



1" = 3000'



STATUTE MILES 0 1 2 3 4 5

1112600

STATUTE MILES

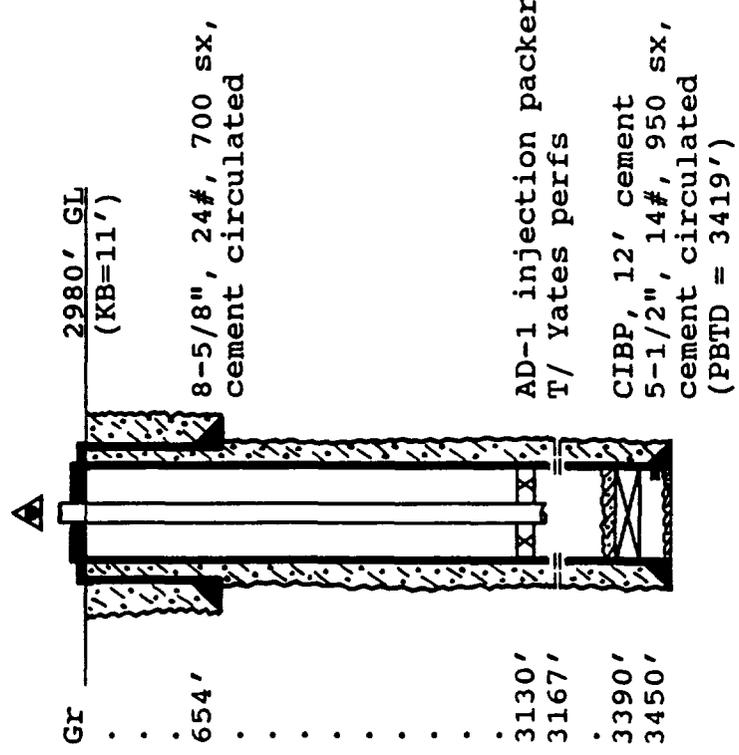


PO-108  
(5/91)

Proposed Injection Conversion

OPERATOR: Texaco Exploration & Production Inc. Lease: Rhodes Yates Unit #13  
 FOOTAGE LOCATION: 660 FSL X 660 FWL Sec./Twn/Rng: Unit M, Sec 27, T-26-S, R-37-E  
Lea County, New Mexico

SCHEMATIC



TABULAR DATA

Surface Casing: Set at 654'  
 Size 8-5/8", 24# Cemented with 700 sx.  
 TOC surface ' determined by circulated  
 Hole Size 12-1/4" Comp. Date 2-15-78  
Intermediate casing: Set at \_\_\_\_\_  
 Size NONE Cemented with \_\_\_\_\_ sx.  
 TOC \_\_\_\_\_ ' determined by \_\_\_\_\_  
 Hole Size \_\_\_\_\_  
Production Casing: Set at 3450'  
 Size 5-1/2", 14# Cemented with 950 sx.  
 TOC surface ' determined by circulated  
 Hole Size 7-7/8"

Injection Interval:

3167' to 3349' through: Perforations  
 Tubing: 2-3/8", 4.7#, J-55, IPC 2000# WP

Tops:

Salt 1215'-2878'  
 Yates 3045'  
 Seven Rivers 3362'

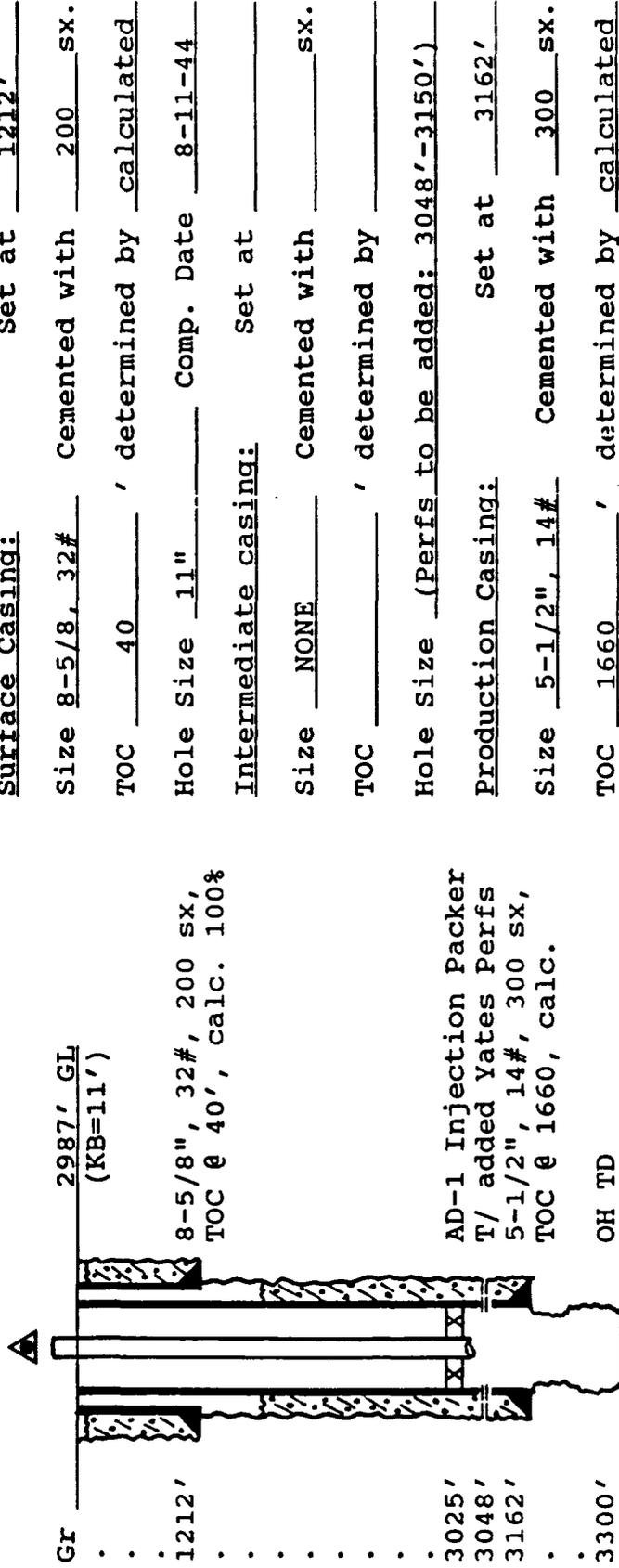
Proposed Injection Conversion

OPERATOR: Texaco Exploration & Production Inc. Lease: Rhodes B Fed NCT-1 #6

FOOTAGE LOCATION: 1980 FSL X 660 FEL Sec./Twn/Rng: Unit I, Sec 27, T-26-S, R-37-E

Former Texaco Rhodes 'B' #6 Lea County, New Mexico

SCHEMATIC



TABULAR DATA

Surface Casing: Set at 1212'  
 Size 8-5/8, 32# Cemented with 200 sx.  
 TOC 40 ' determined by calculated  
 Hole Size 11" Comp. Date 8-11-44  
Intermediate casing: Set at \_\_\_\_\_  
 Size NONE Cemented with \_\_\_\_\_ sx.  
 TOC \_\_\_\_\_ ' determined by \_\_\_\_\_  
 Hole Size (Perfs to be added: 3048'-3150')  
Production Casing: Set at 3162'  
 Size 5-1/2", 14# Cemented with 300 sx.  
 TOC 1660 ' determined by calculated  
 Hole Size 7-1/2", 4-3/4" open hole  
Injection Interval:  
3048' to 3300' through: OH, Perforations  
Tubing: 2-3/8", 4.7#, J-55, IPC 2000# WP

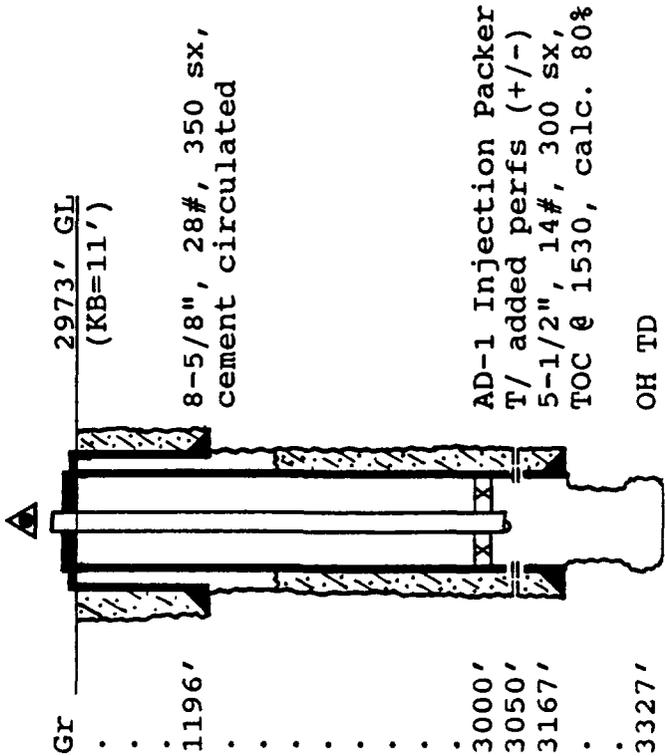
Tops:

Salt 1262'-2780'  
 Yates 2922'  
 Seven Rivers NR

Proposed Injection Conversion

OPERATOR: Texaco Exploration & Production Inc. Lease: Rhodes B Fed NCT-1 #13  
 FOOTAGE LOCATION: 990 FSL X 1650 FEL Sec./Twn/Rng: Unit O, Sec 27, T-26-S, R-37-E  
Former Texas Company W. H. Rhodes 'B' #13 Lea County, New Mexico

SCHEMATIC



TABULAR DATA

Surface Casing: Set at 1212'  
 Size 8-5/8, 28# Cemented with 350 sx.  
 TOC surface , determined by calculated  
 Hole Size 11" Comp. Date 7-26-45  
Intermediate casing: Set at \_\_\_\_\_  
 Size NONE Cemented with \_\_\_\_\_ sx.  
 TOC \_\_\_\_\_ , determined by \_\_\_\_\_  
 Hole Size (Perfs to be added: 3050'-3150')  
Production Casing: Set at 3167'  
 Size 5-1/2", 14# Cemented with 300 sx.  
 TOC 1530 , determined by calculated  
 Hole Size 7-7/8" , 4-3/4" open hole  
Injection Interval:  
3050' to 3327' through: OH, Perforations  
 Tubing: 2-3/8" , 4.7#, J-55, IPC 2000# WP

Tops:  
 Salt 1255'-2828'  
 Yates 2950'  
 Seven Rivers NR

P 369 428 057



**Receipt for Certified Mail**

No Insurance Coverage Provided

Sea Sand Oil Co.  
P.O. Box 101777  
Ft. Worth, Texas 76185

PS Form 3800, June 1991

Postage	\$ .75
Certified Fee	1.00
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	1.00
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$ 2.75
Postmark or Date	AUG 27 1992 USPO

P 365 085 108

**RECEIPT FOR CERTIFIED MAIL**

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

Mack Energy Corp.  
P.O. Box 276  
Artesia, NM 88211

PS Form 3800, June 1985

Postage	\$ .75
Certified Fee	1.00
Special Delivery Fee	<del>1.00</del>
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	1.00
Return Receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$ 2.75
Postmark or Date	AUG 27 1992 USPO

P 365 085 107

**RECEIPT FOR CERTIFIED MAIL**

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL  
(See Reverse)

U.S.G.P.O. 1985-234-555

PS Form 3800, June 1985

Sent to	Tom & Evelyn Linclay
Street and No.	802 S. Main
P.O., State and ZIP Code	Midland, TX 79701
Postage	\$ .75
Certified Fee	1.00
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	1.00
Return Receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$ 2.75
Postmark or Date	AUG 27 1992 USPO

P 369 428 058



**Receipt for Certified Mail**

No Insurance Coverage Provided

Doyle Hartman  
P.O. Box 10426  
Midland, Texas 79702

PS Form 3800, June 1991

Postage	\$ .75
Certified Fee	1.00
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	1.00
Return Receipt Showing to Whom, Date, and Address of Delivery	
TOTAL Postage & Fees	\$ 2.75
Postmark or Date	AUG 27 1992 USPO

P 369 428 059



**Receipt for Certified Mail**

No Insurance Coverage Provided

Meridian Oil, Inc  
P.O. Box 51810  
Midland, Texas 79710

PS Form 3800, June 1991

Postage	\$ .75
Certified Fee	1.00
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	1.00
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$ 2.75
Postmark or Date	JUN 27 1992 USPS

P 365 085 111

**RECEIPT FOR CERTIFIED MAIL**  
NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL

Koch Industries  
P.O. Box 2256  
Wichita, Kansas 67201

PS Form 3800, June 1985

Postage	\$ .75
Certified Fee	1.00
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	1.00
Return Receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$ 2.75
Postmark or Date	JUN 27 1992 USPS

P 369 428 082



**Receipt for Certified Mail**

No Insurance Coverage Provided

Smith & Marrs, Inc.  
1110 N Big Spring  
Midland, Texas 79701

PS Form 3800, June 1991

Postage	\$ .75
Certified Fee	1.00
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	1.00
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$ 2.75
Postmark or Date	JUN 27 1992 USPS

P 369 428 056



**Receipt for Certified Mail**

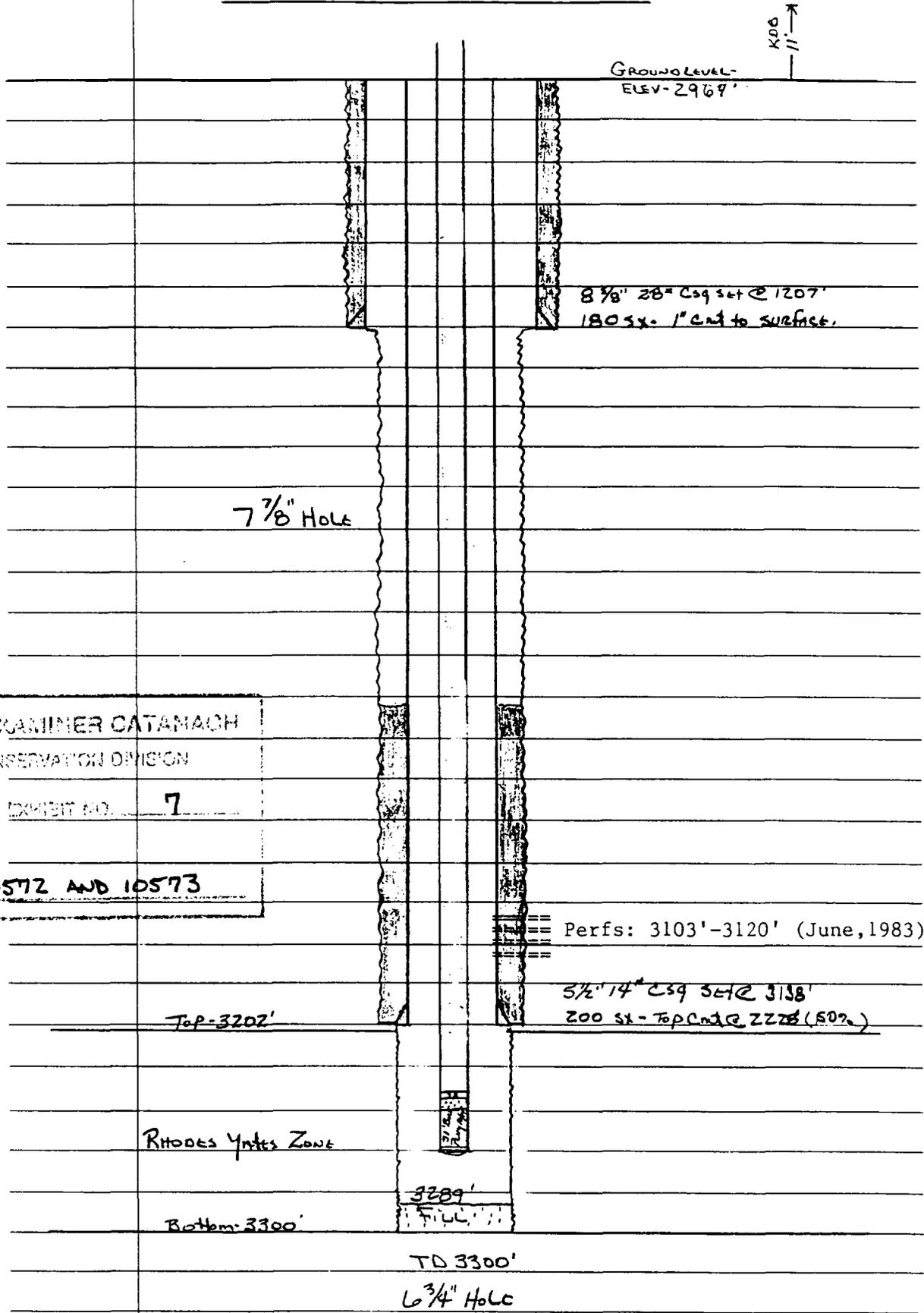
No Insurance Coverage Provided

Marathon Oil Co.  
P.O. Box 552  
Midland, Texas 79702

PS Form 3800, June 1991

Postage	\$ .75
Certified Fee	1.00
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	1.00
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$ 2.75
Postmark or Date	JUN 27 1992 USPS

W.H. RHODES "A" FEDERAL # 3



BEFORE EXAMINER CATAMACH  
 OIL CONSERVATION DIVISION  
 TEXACO EXHIBIT NO. 7  
 CASE NO. 10572 AND 10573

Perfs: 3103'-3120' (June, 1983)

Top-3202'

5/2" 14" CSQ SET @ 3138'  
 200 ST - TOP @ 2228' (50%)

Rhodes Yates Zone

3289'

Bottom-3300'

TD 3300'

6 3/4" Hole

F.M.R.

1-25-77

THIS WELL WAS SHOT WITH

170 Gts. Nitro 2-19-1944.

CHO/1-10-81

LEASE: W.H. RHODES 'R' NCT 1

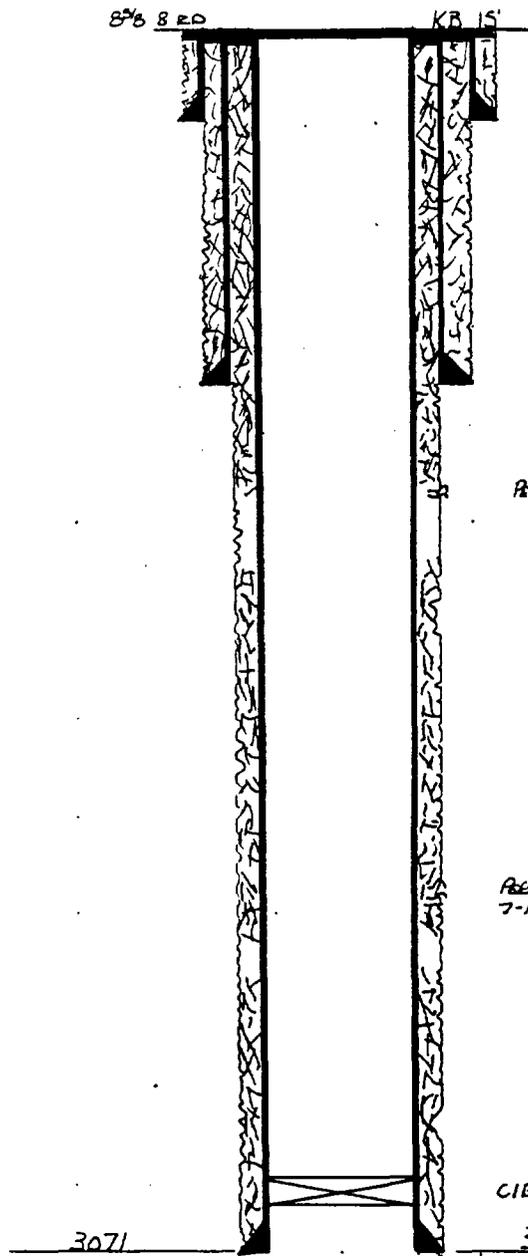
WELL NO. 1

1650' FNL, 1650' FEL

Unit G, Sec. 27, 26-S, 37-E

Rhodes B Fed.

NCT-1 #1



13" 40# GR SET AT 196'  
CMT CIRC. 180 SX

95/8" 36# GR SET @ 210'  
CMT CIRC. 450 SX

TOC at surf. assuming  
12 1/2" hole and 79% fill

REF 2 IS @ 1580' SD w/ 600SX CMT  
7-11-79 CIRC.

7" 24# GR SET @ 3071

TOC @ 2144 BY PRAW LOG.  
JULY 79 REF @ 1580' SD w/  
600 SX CMT CIRC.  
JULY 79 REF @ 2580' SD w/  
600 SX TOC 1784 BY TEMP.

REF 2 IS @ 2580' SD w/ 600 SX CMT  
7-10-79 TOC 1784' BY TEMP

CIBP set at 2975'; 4-05-90 : TA

3071

3071

RHODES YARDS

ASSUMED SHOT HOLE

CLEAN CUT TD  
3160 8/16/83

6 1/8" .65 Bit; 4" 600 x 1 5/16 ID x 1.44 LONG  
BH SUB: 3" 600 x 1 3/4 ID x 1.23 LONG x 0.016

P870 3280  
TD 3280

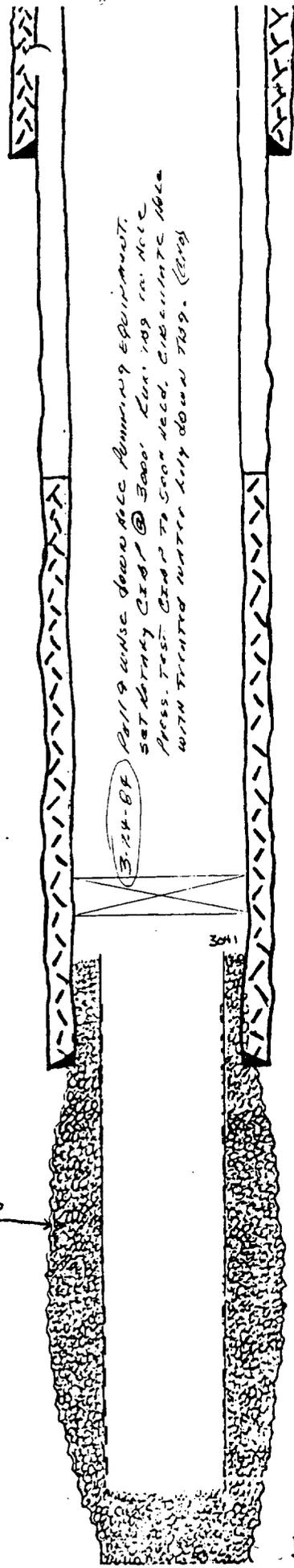
LEGAL 1650' FNL 1650' FEL 3280

SECT 27 26-S 37-E G

FEDERAL (NWT-D) No. 8  
 Date 2-19-81

KDB = 11.5'

Casing Size 8 7/8  
 Weight 28  
 Grade H-40  
 Set @ 1197  
 Hole Size 11"  
 Cement 350 SX - CEMENT  
 CIRCULATED



3-24-84 Pull 9' wire down hole running equipment.  
 Set heavy CIG @ 3000' Run 109 in. hole  
 Press. Test. CIG @ 5000' depth. Circulate hole  
 with filtered water 1/4 down 709'. (2/19)

GRAVEL PACKING

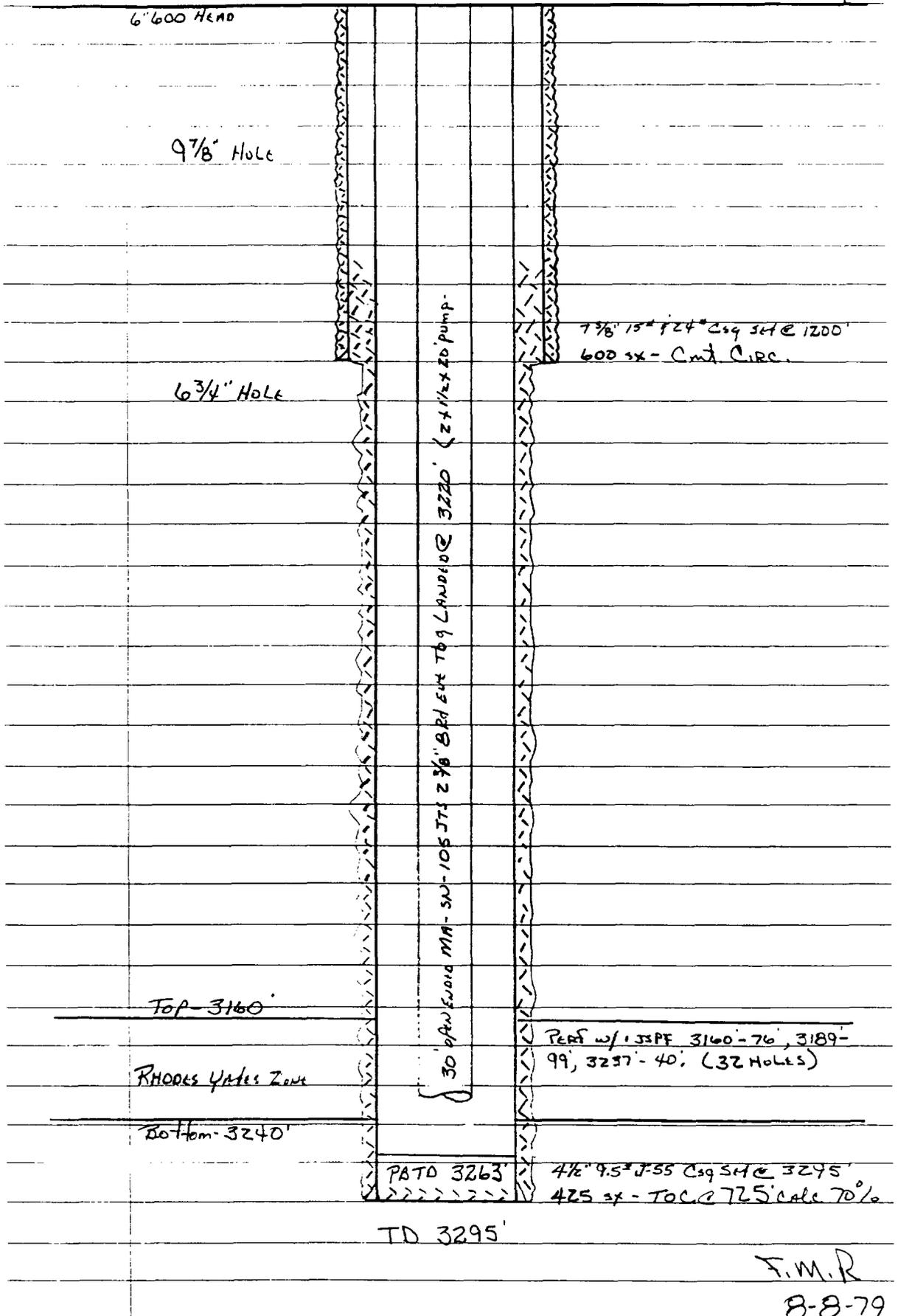
Casing Size 5 1/4  
 Weight 14  
 Grade J-55, H-40  
 Set @ 3128  
 Hole Size 7 7/8  
 Cement 300 SX  
 CEMENT TOP CALL @ 1735'

Hole Size when drilled 4 3/4  
 Shot with LRP gas NITRO  
 LINER 4" 11.38#, 3-4" slots  
 SET @ 3255  
 TOP @ 3041

PBTD @ 3255  
 TD @ 3325

W. H. RHODES "B" (NCT-1) # 14

KOB  
10'



6" 600 HEAD

9 7/8" HOLE

6 3/4" HOLE

7 3/8" 15" J24" CSQ SH @ 1200'  
600 SX - Cmt Circ.

30" 2" BOREHOLE MA - SN - 105 JTS 2 3/8" BOREHOLE TO 9' LANDING @ 3220' (2 1/2" X 1/2" ID PUMP)

Top - 3160'

RHODES YATES ZONE

Bottom - 3240'

PERF w/ JSPF 3160-76, 3189-99, 3237-40. (32 HOLES)

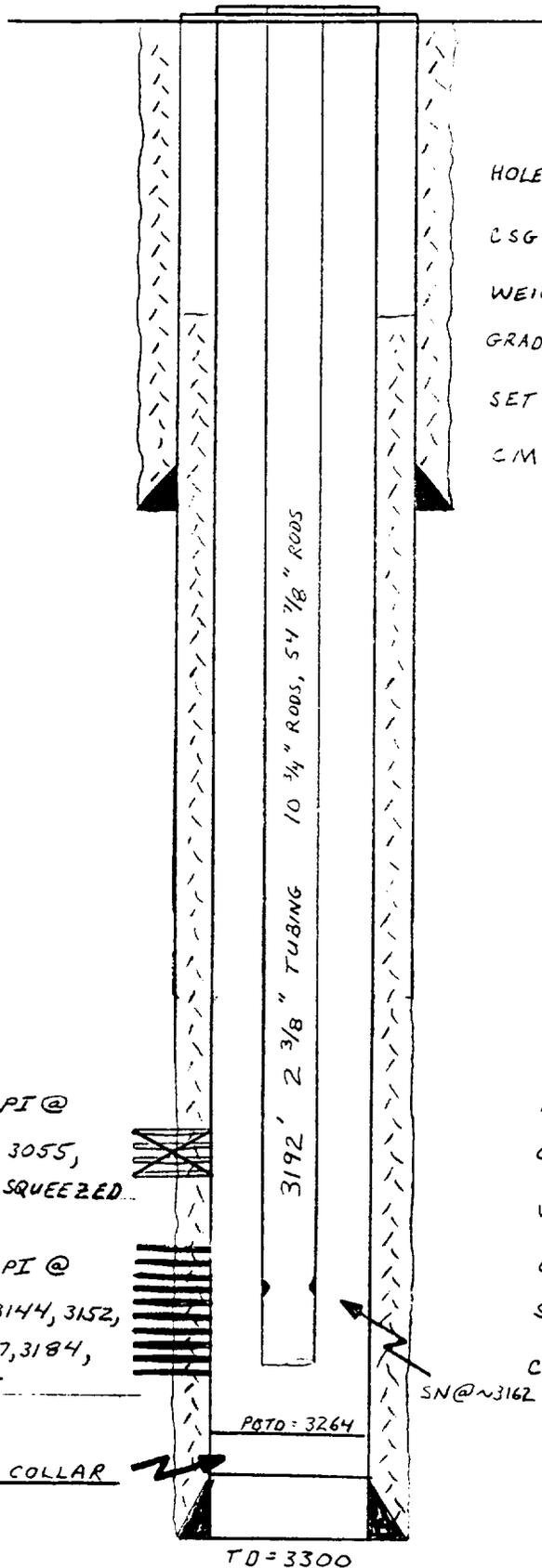
PATO 3263

4 1/2" 9.5" J-55 CSQ SH @ 3295'  
425 SX - TOC @ 725' Calc 70%

TD 3295'

F.M.R  
8-8-79

W H RHODES "B" FEDERAL (NCT-1) No 15



HOLE SIZE 9 7/8"  
 CSG SIZE 7 5/8"  
 WEIGHT 15.3 f 24\* (2 JTS)  
 GRADE H-40  
 SET AT 1163  
 CMT 575 SX CIRCULATED

PERFS: 2 JSPI @  
 3008, 3040, 3055,  
 3060; CMT SQUEEZED

PERFS: 2 JSPI @  
 3134, 3139, 3144, 3152,  
 3157, 3163, 3177, 3184,  
 3190, 3195

FLOAT COLLAR

PQTD = 3264

TD = 3300

SN @ ~3162

HOLE SIZE 6 5/8"  
 CSG SIZE 4 1/2"  
 WEIGHT 9.5\*  
 GRADE J-55  
 SET @ 3300  
 CMT 450 SX GMT TOP @ 250' (CALC)

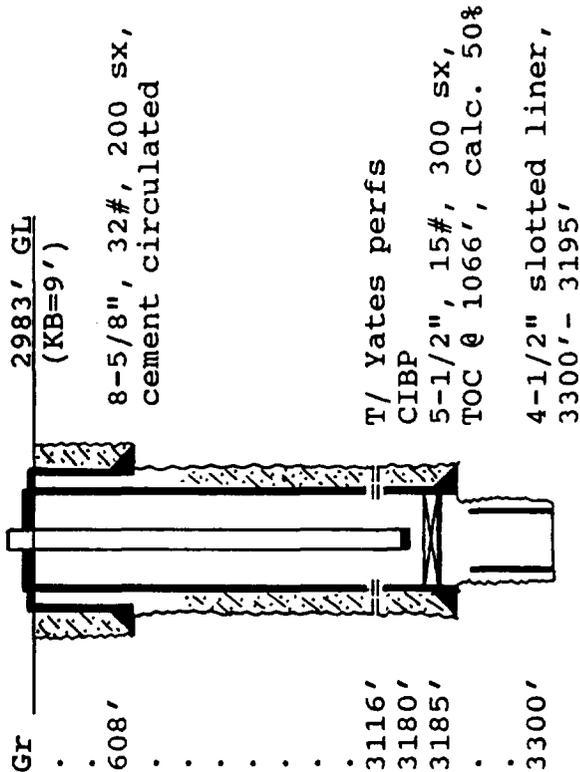
WELL DATA SHEET

OPERATOR: Texaco Exploration & Production Inc. Lease: W.H. Rhodes B Fed NCT-2 #3

FOOTAGE LOCATION: 1980 FSL X 660 FEL Sec./Twn/Rng: Unit I, Sec 28, T-26-S, R-37-E

Lea County, New Mexico

SCHEMATIC



TABULAR DATA

Surface Casing: Set at 608'  
 Size 8-5/8, 32# Cemented with 200 sx.  
TOC surface ' determined by circulation  
Hole Size ? Comp. Date 6-21-43  
Intermediate casing: Set at \_\_\_\_\_  
 Size NONE Cemented with \_\_\_\_\_ sx.  
TOC \_\_\_\_\_ ' determined by \_\_\_\_\_  
Hole Size \_\_\_\_\_  
Production Casing: Set at 3185'  
 Size 5-1/2", 15# Cemented with 300 sx.  
TOC 1066 ' determined by calculation  
Hole Size 6-3/4" ? (assumed 50% fill)  
Open Hole Interval:  
3185' to 3300' Size 4-3/4", nitro shot  
4-1/2", 16.6# slotted liner 3195'- 3330'

Estimated Tops:

Salt 1200'-2850'  
 Yates 3014'  
 Seven Rivers 3340'  
 Queen NR

W.H. Rhodes' B" (NET-2) #4

14'

12 1/4" HOLE

7 7/8" HOLE

8 5/8" 24" Csg. set @ 655'  
500 sx - Cmt CIRC.

TOC at 1150'

15' 5/8" Hole MA-SN-102 JTS 2 7/8" BHA TBg LAWSPE @ 3204' (2 1/2" x 1 1/2" x 20' pump w/ 8' gms. no. loc. - 94 3/4" x 1 31 7/8" Rods)

Top-3289'

YATES

Bottom-3318'

RBP at 3282'

Perf: w/ 1 SPF: 3122, 23, 32, 37, 59'  
44, 59, 69, 71, 74, 76, 78, 80, 84, 90'  
95, 98, 3201, 03, 11, 18, 25, 31, 35, 37, 41,  
Perf w/ 2 JSP1 @ 3289-3294' - 53, 59, 65'  
3300-3307-3312-3318'  
(12 Holes)

P8TD 3433'

TD 3460'

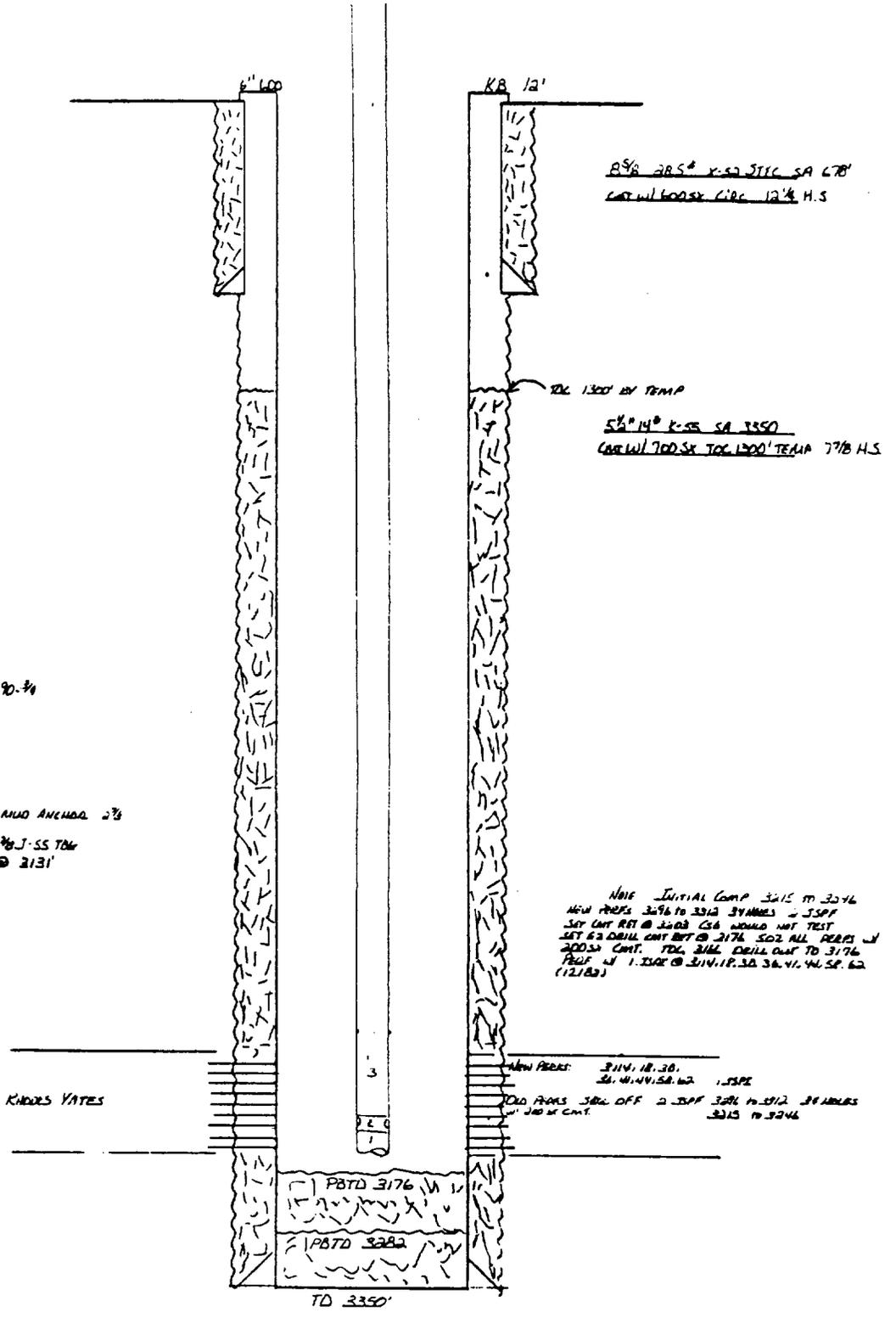
5 1/2" 14" K55 Csg set @ 3460'  
750 sx - Top Cmt @ 1150' by Temp Survey

F.M.R

2-21-78

RTM

WELL NAME: SHAW'S FAIR'S LAULIE  
 - WELL NO. 4  
 DATE: 12-28-83  
 DATE OF COMP: 12-16-76



- 1- 1 3/4\"/>
- 2- 2 7/8\"/>
- 3- 1 1/2\"/>

NOTE: INITIAL COMP 3215 TO 3276  
 NEW PILES 3276 TO 3312 37 BARLS @ 3500  
 SET LAST PILE @ 3276 158 WOULD NOT TEST  
 SET 23 DRILL UNIT BIT @ 3176 502 ALL PILES W/  
 3000# CMT. PILE 2346 DRILL OUT TO 3176  
 PILE W/ 1.50\"/>

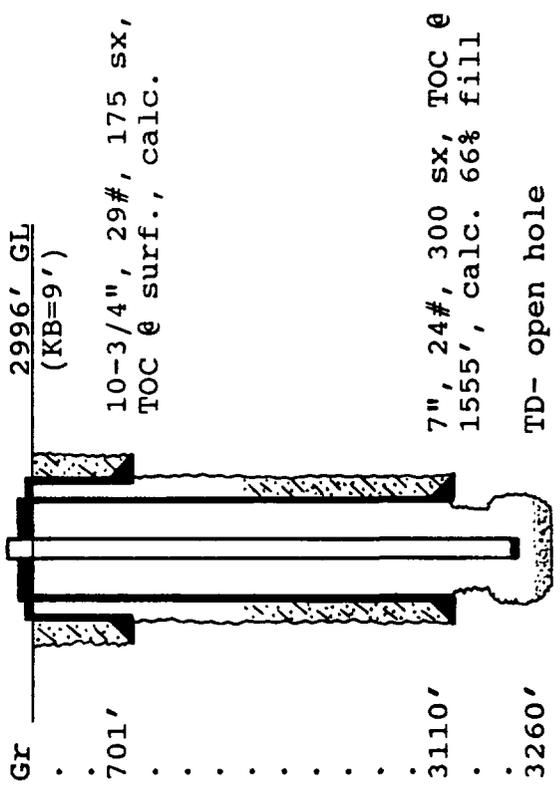
NEW PILES: 3114, 18, 30,  
 26, 41, 44, 50, 62, 135 PILE  
 OLD PILES 50\"/>

LEGAL: NE4 NE4 28 26S 37E WLA  
 LOT INFO:  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

WELL DATA SHEET

**OPERATOR:** Texaco Exploration & Production Inc. **Lease:** Rhodes Yates Unit #6  
**FOOTAGE LOCATION:** 660 FNL X 1980 FWL Sec./Twn/Rng: Unit C, Sec 27, T-26-S, R-37-E  
Former Amerada State J "A" #3, State "JD" Unit #1 Lea County, New Mexico

SCHEMATIC



Surface Casing: TABULAR DATA Set at 701'  
 Size 10-3/4", 29# Cemented with 175 sx.  
 TOC surface , determined by calculation  
 Hole Size 13" Comp. Date 3-16-44  
Intermediate casing: Set at \_\_\_\_\_  
 Size NONE Cemented with \_\_\_\_\_sx.  
 TOC \_\_\_\_\_ , determined by \_\_\_\_\_  
 Hole Size \_\_\_\_\_  
Production Casing: Set at 3110'  
 Size 7", 24# Cemented with 300 sx.  
 TOC 1555 , determined by calculation  
 Hole Size 8-3/4" (assumed 66% fill)

Open Hole Interval:

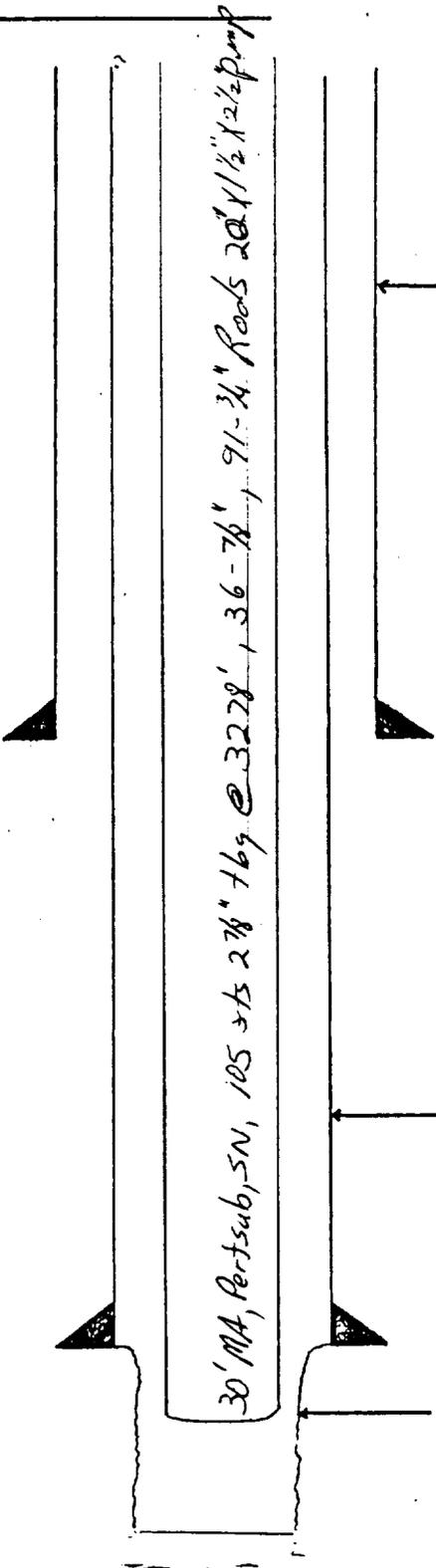
3110' to 3260' Size 6-1/8", nitro shot

**Estimated Tops:**

Salt 1200'-2800'  
 Yates 2930'  
 Seven Rivers na  
 Queen na

WELL NAME & No. Rhodes 1/2 Unit # 11

DATE \_\_\_\_\_



CASING SIZE 9 5/8"  
WEIGHT 25.7 #  
GRADE -  
SET @ 540'  
HOLE SIZE 1 1/4"  
CEMENT CMT. CIRC.

CASING SIZE 7"  
WEIGHT 22 #  
GRADE -  
SET @ 3130'  
HOLE SIZE 8 3/4"  
CEMENT CMT. CIRC.

OPEN HOLE SIZE 6 1/4"

30' MA, Pertsub, SN, 105 lbs 2 7/8" T6g @ 3228', 36-7/8", 91-3/4" Rods 20 1/2" X 1 1/2" PUMP

PBTD 3327'  
TD 3327'

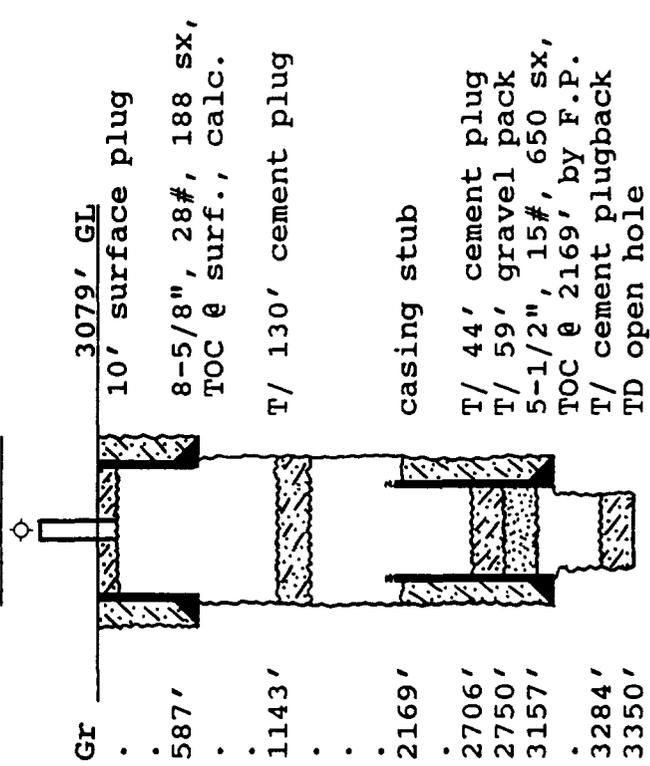
WELL DATA SHEET

OPERATOR: Anderson-Pritchard Oil Corporation Lease: State 28 "A" #2

FOOTAGE LOCATION: 1980 FNL X 1980 FEL Sec./Twn/Rng: Unit G, Sec 28, T-26-S, R-37-E

Drilled and abandoned August, 1943. Lea County, New Mexico

SCHEMATIC



TABULAR DATA

Surface Casing: Set at 587'  
 Size 8-5/8", 28# Cemented with 188 sx.  
 TOC surface , determined by calculation  
 Hole Size 11" Comp. Date 8-11-43  
 Intermediate casing: Set at \_\_\_\_\_  
 Size NONE Cemented with \_\_\_\_\_ sx.  
 TOC \_\_\_\_\_ , determined by \_\_\_\_\_  
 Hole Size \_\_\_\_\_ Hole filled with 10-1/2# mud  
 Production Casing: Set at 3157'  
 Size 5-1/2", 15# Cemented with 650 sx.  
 TOC 2169 , determined by free point  
 Hole Size 7-7/8"

Open Hole Interval:

3157' to 3350' size: 4-3/4" ?  
Nitro shot 70 qts L.N.G., 3247'-3284'.

Tops:

Salt 1285'-2840'  
 Tansil 2840'  
 Yates 2988'  
 Seven Rivers 3285'

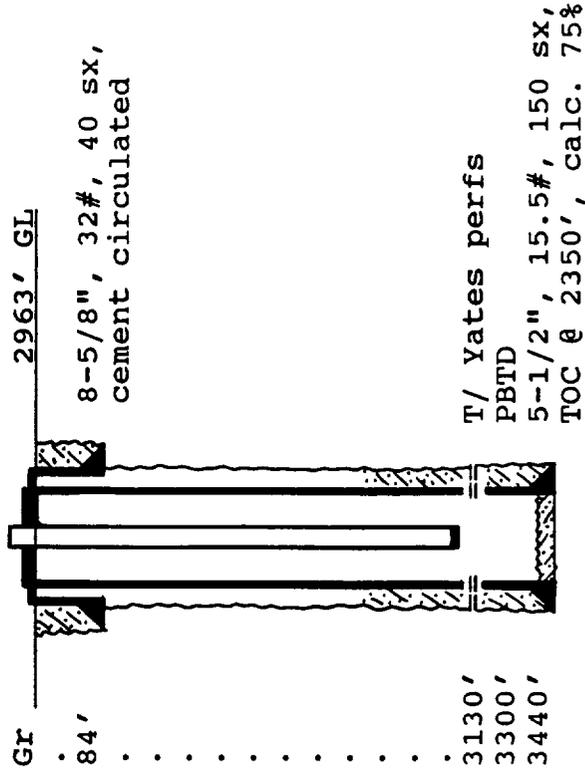
WELL DATA SHEET

OPERATOR: Sea Sand Oil Co. Lease: Wills Federal #8

FOOTAGE LOCATION: 330 FNL X 330 FEL Sec./Twn/Rng: Unit A, Sec 33, T-26-S, R-37-E

Lea County, New Mexico

SCHEMATIC



TABULAR DATA

Surface Casing: Set at 84'  
 Size 8-5/8", 32# Cemented with 40 sx.  
 TOC surface ' determined by circulation  
 Hole Size 12-1/4" Comp. Date 4-12-88  
Intermediate casing: Set at \_\_\_\_\_  
 Size NONE Cemented with \_\_\_\_\_ sx.  
 TOC \_\_\_\_\_ ' determined by \_\_\_\_\_  
 Hole Size \_\_\_\_\_  
Production Casing: Set at 3440'  
 Size 5-1/2", 15.5# Cemented with 150 sx.  
 TOC 2350' ' determined by calculation  
 Hole Size 7-1/4", assumed 75% fill

Completion Interval:

3130' to 3255' : 4 spf, 100 perforations

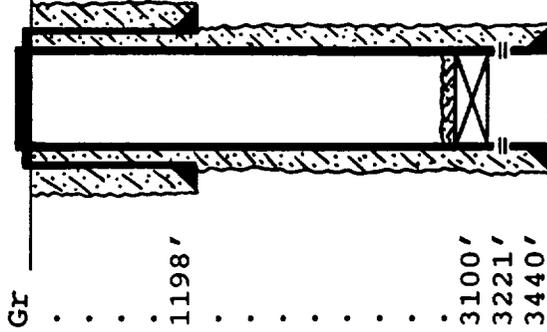
Tops:

Salt not recorded  
 Tansil 3130'  
 Yates 3235'  
 Seven Rivers

WELL DATA SHEET

OPERATOR: Marathon Oil Co. Lease: Wills Federal #1  
 FOOTAGE LOCATION: 330 FNL X 330 FWL Sec./Twn/Rng: Unit D, Sec 34, T-26-S, R-37-E  
Temporarily abandoned 3-14-84; casing tested to 500 psi. Lea County, New Mexico

SCHEMATIC



TABULAR DATA

Surface Casing: Set at 1198'  
 Size 8-5/8", 24# Cemented with 525 sx.  
 TOC surface ' determined by circulation  
 Hole Size 11" Comp. Date 3-12-84  
Intermediate casing: Set at \_\_\_\_\_  
 Size NONE Cemented with \_\_\_\_\_ sx.  
 TOC \_\_\_\_\_ ' determined by \_\_\_\_\_  
 Hole Size \_\_\_\_\_  
Production Casing: Set at 3500'  
 Size 5-1/2", 15.5# Cemented with 1100 sx.  
 TOC surface ' determined by calculation  
 Hole Size 7-7/8", assumed 47% fill

Completion Interval:

3221' to 3367' : 1 spf, 42 perforations  
 \_\_\_\_\_

Tops:

Salt not recorded  
 Tansil  
 Yates 3060'  
 Seven Rivers 3408'

WELL DATA SHEET

OPERATOR: Koch Exploration Co. Lease: Mary E Wills Fed A #3

FOOTAGE LOCATION: 660 FNL X 660 FEL Sec./Twn/Rng: Unit A, Sec 34, T-26-S, R-37-E

Former operators: The Ohio Oil Company, Rock Island O&R Lea County, New Mexico

SCHEMATIC

TABULAR DATA

Surface Casing: Set at 1233'

Size 8-5/8", 30# Cemented with 350 sx.

TOC surface , determined by calculation

Hole Size 11" Comp. Date 4-27-45

Intermediate casing: Set at \_\_\_\_\_

Size NONE Cemented with \_\_\_\_\_sx.

TOC \_\_\_\_\_ , determined by \_\_\_\_\_

Hole Size \_\_\_\_\_

Production Casing: Set at 3165'

Size 5-1/2", 17# Cemented with 325 sx.

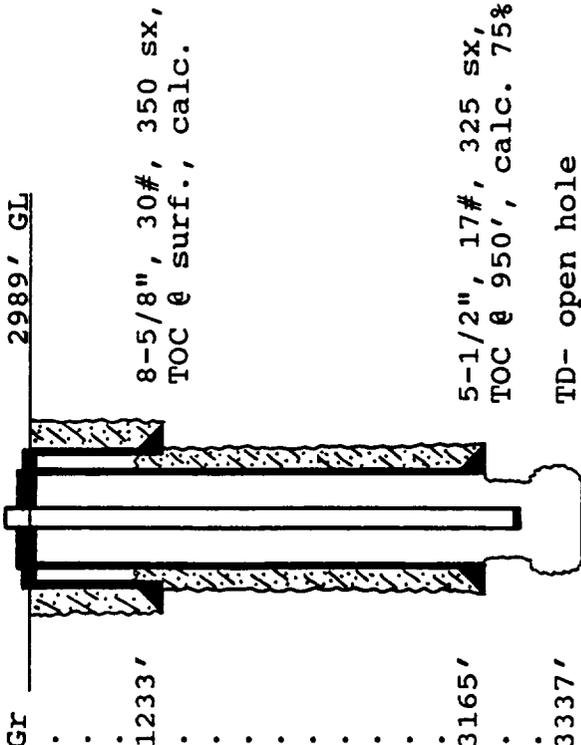
TOC 950' , determined by calculation

Hole Size 7-3/8" , assumed 75% fill

Open hole interval:

3165' to 3337' : 4-3/4" ? ns

Shot with 80 Qts Nitro, 3280'-3321'



Tops:

Salt 1468'-2860'

Tansil

Yates 2990'

Seven Rivers na

WELL DATA SHEET

OPERATOR: Koch Exploration Co. Lease: Mary E Wills Fed A #9

FOOTAGE LOCATION: 1135 FSL X 20 FWL Sec./Twn/Rng: Unit D, Sec 35, T-26-S, R-37-E

Former Wood River O&R, plugged 8-27-81: collapsed casing. Lea County, New Mexico

SCHEMATIC

TABULAR DATA

Surface Casing: Set at 608'

Size 8-5/8", 24# Cemented with 300 sx.

TOC surface ' determined by circulation

Hole Size 11"? Comp. Date 10-04-59

Intermediate casing: Set at \_\_\_\_\_

Size NONE Cemented with \_\_\_\_\_ sx.

TOC \_\_\_\_\_, determined by \_\_\_\_\_

Hole Size \_\_\_\_\_

Production Casing: Set at 3369'

Size 5-1/2", 14# Cemented with 150 sx.

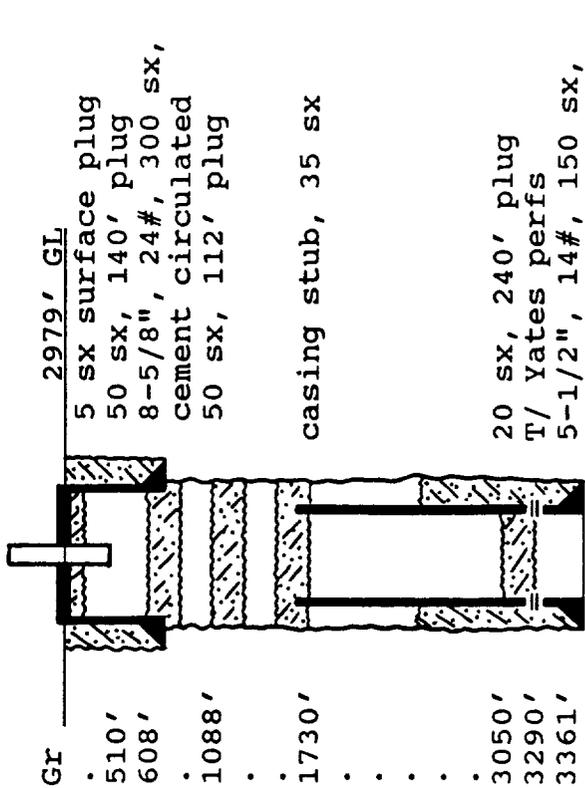
TOC 2570', determined by calculation

Hole Size 7-7/8"?, assumed 75% fill

Completion Interval:

3290' to 3342': ? spf, 88 perforations

Drilled as water injection well; R-1352



Tops:  
Salt 1215'-2891'  
Tansil 2844'  
Yates 2996'  
Seven Rivers 3271'

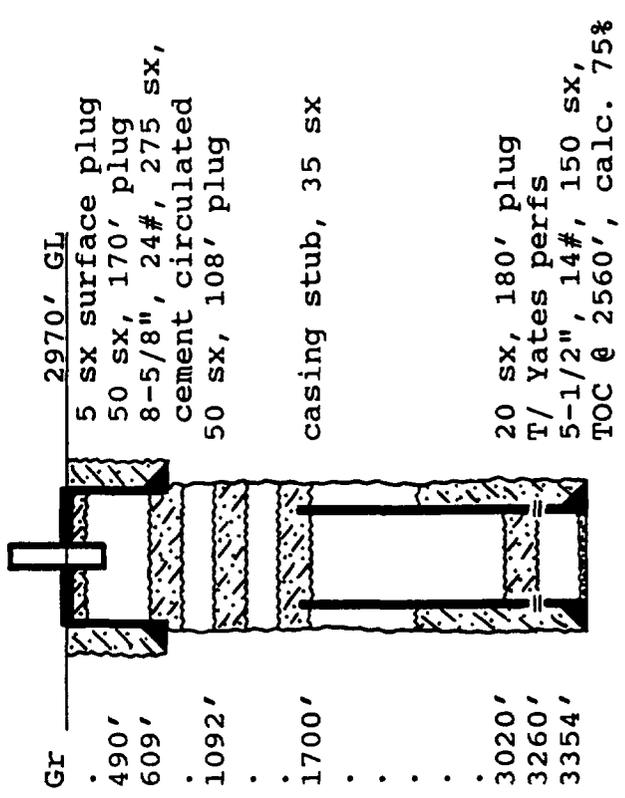
WELL DATA SHEET

OPERATOR: Koch Exploration Co. Lease: Mary E Wills Fed A #10

FOOTAGE LOCATION: 1135 FSL X 20 FWL Sec./Twn/Rng: Unit D, Sec 35, T-26-S, R-37-E

Former Wood River O&R, plugged 9-2-81 - collapsed casing. Lea County, New Mexico

SCHEMATIC



Surface Casing: 24# Set at 609'

Size 8-5/8", 24# Cemented with 275 sx.

TOC surface ' determined by circulation

Hole Size 11"? Comp. Date 4-08-60

Intermediate casing: Set at \_\_\_\_\_

Size NONE Cemented with \_\_\_\_\_sx.

TOC \_\_\_\_\_, determined by \_\_\_\_\_

Hole Size \_\_\_\_\_

Production Casing: Set at 3354'

Size 5-1/2", 14# Cemented with 150 sx.

TOC 2560', determined by calculation

Hole Size 7-7/8"? , assumed 75% fill

Completion Interval:

3260' to 3326' : ? spf, 104 perforations

Drilled as water injection well; R-1352

- Tops:
- Salt 1205'-2818'
  - Tansil 2974'
  - Yates 3250'
  - Seven Rivers 3250'

UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 BUREAU OF LAND MANAGEMENT

FORM APPROVED  
 Budget Bureau No. 1004-0135  
 Expires: September 30, 1990

**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  
 Oil Well     Gas Well     Other

2. Name of Operator  
Texaco Exploration & Production Inc.

3. Address and Telephone No.  
P.O. Box 730, Hobbs, NM 88241-0730                      (505) 393-7191

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
2970 FNL, 2310 FEL  
Unit J, Sec. 27, T-26-S, R-37-E

5. Lease Designation and Serial No.  
LC-030174 b

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.  
W.H. Rhodes B NCT-1 #2

9. API Well No.  
30 - 025 - 12060

10. Field and Pool, or Exploratory Area  
Rhodes Yates

11. County or Parish, State  
Lea County, NM

**12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent <input type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input checked="" type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input 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

(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.)**

- 1) Inform BLM 24 hours prior to commencement of plugging.
- 2) MIRU, Install BOP. Run bit and casing scraper and clean hole to TD. T. CIBP. POH. Run 5-1/2" packer and test CIBP for possible leak. POH.
- 3) If necessary, set 2nd CIBP by wireline. Perf 2 squeeze holes at 1284'
- 4) TIH w/ work string and tag CIBP. Load hole with salt gel mud; 10# bri and 25# gel/ Bbl. Pump 100', 15 sx class 'C' cement on top of CIBP.
- 5) Establish circulation through squeeze perfs and circulate annulus with 110 sx class 'C'. Adjust volumes if needed. Fill casing from 1284'- 110 with 24 sx cement. WOC. Tag plug. Spot 12 sx from 100'-surface.
- 6) POH. Fill annulus and casing from surface with 1" tubing if necessary
- 7) Cut off wellhead and install marker. Clean location.
- 8) Restore surface as per Federal requirements.

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

DEPT OF THE INTERIOR  
 OIL CONSERVATION DIVISION

**TEXACO** EXHIBIT NO. 8

CASE NO 10572 AND 10573

Production Engineer \_\_\_\_\_ Date 8-20-92

\_\_\_\_\_ Date \_\_\_\_\_

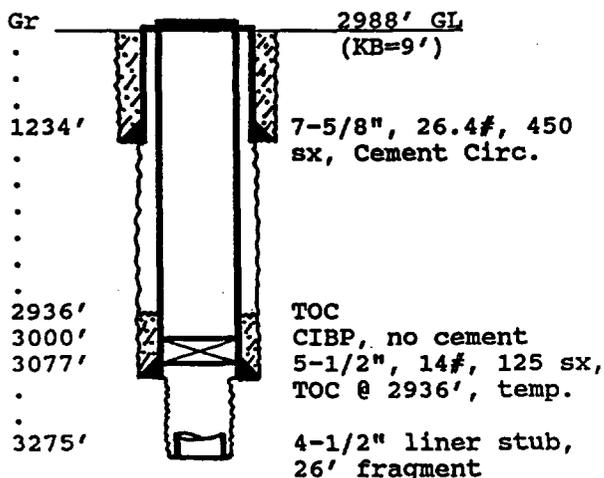
Do not make to any department or agency of the United States any false, fictitious or fraudulent statements or representations.  
 Information on Reverse Side

WELL DATA SHEET

PO-113  
(5/91)

OPERATOR: Texaco Exploration & Production Inc. Lease: W.H. Rhodes B Fed NCT-1 #2  
 FOOTAGE LOCATION: 2970 FNL X 2310 FEL Sec./Twn/Rng: Unit J, Sec 27, T-26-S, R-37-E  
Classified TA on 4-12-84; CIBP set at 3000'. Lea County, New Mexico

SCHEMATIC



Tops:

Salt 1155'-2850'  
 Yates 2960'  
 Seven Rivers 3183'  
 Queen NR

TABULAR DATA

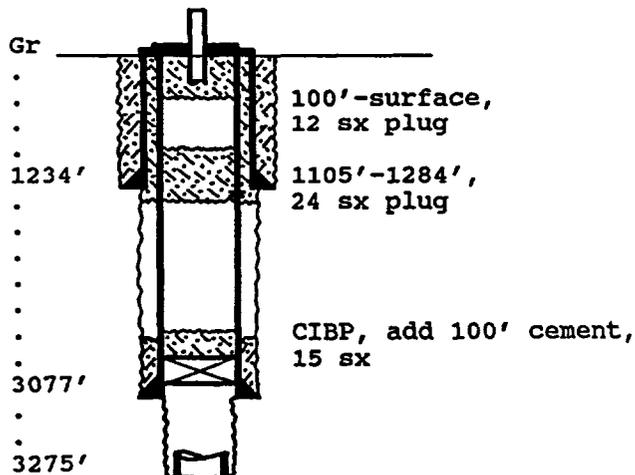
Surface Casing: Set at 1234'  
 Size 7-5/8, 26.4# Cemented with 450 sx.  
 TOC surface ' determined by circulation  
 Hole Size 9-5/8" Comp. Date 8-23-40  
Intermediate casing: Set at \_\_\_\_\_  
 Size NONE Cemented with \_\_\_\_\_ sx.  
 TOC \_\_\_\_\_ ' determined by \_\_\_\_\_  
 Hole Size \_\_\_\_\_  
Production Casing: Set at 3077'  
 Size 5-1/2", 14# Cemented with 125 sx.  
 TOC 2936 ' determined by Temp log  
 Hole Size 6-3/4"  
Open Hole Interval:  
3077' to 3275' Size ???  
 Nitro Shot 500 Ots SOWE #1, 3130' - 3275'

PLUG AND ABANDON DATA

PO-113  
(5/91)

OPERATOR: Texaco Exploration & Production Inc. Lease: W.H. Rhodes B Fed NCT-1 #2  
 FOOTAGE LOCATION: 2970 FNL X 2310 FEL Sec./Twn/Rng: Unit J, Sec 27, T-26-S, R-37-E  
Failed MIT on 4-25-91, 70 psig on casing. Lea County, New Mexico

SCHEMATIC



PLUGGING DATA

Surface Plug:  
 Size 100'-surf. Cemented with 12 sx.  
 Squeeze annulus with 110 sx to surface.  
 Class 'C' Cement, 1.32 cu ft/ sx  
Intermediate Plug(s):  
 Size 1284'-1105' Cemented with 24 sx.  
 Class 'C' cement, 1.32 cu ft/ sx  
 Intermediate plug covers t/ salt and shoe.  
 Lower plug covers b/ salt and open hole.  
Producing Zone Plugs:  
 Size CIBP, 100' Cemented with 15 sx.

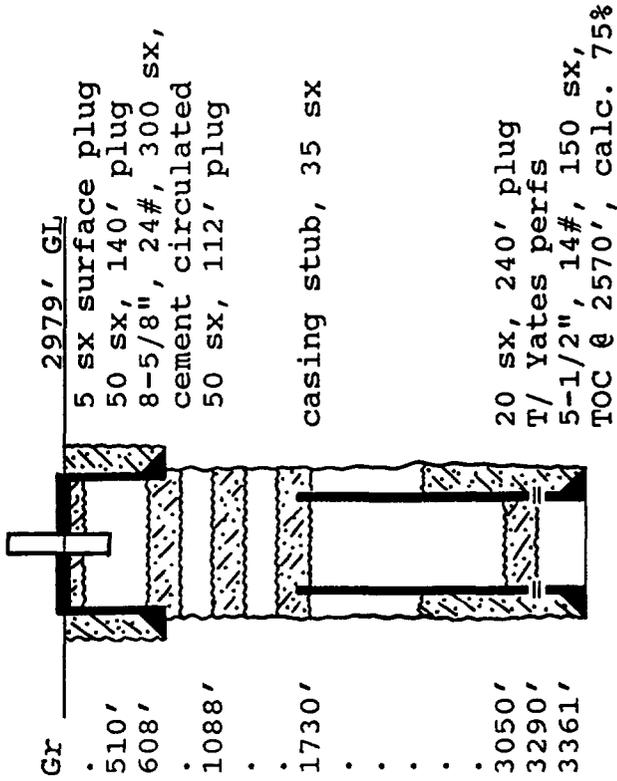
WELL DATA SHEET

OPERATOR: Koch Exploration Co. Lease: Mary E Wills Fed A #9

FOOTAGE LOCATION: 1135 FSL X 20 FWL Sec./Twn/Rng: Unit D, Sec 35, T-26-S, R-37-E

Former Wood River O&R, plugged 8-27-81: collapsed casing. Lea County, New Mexico

SCHEMATIC



TABULAR DATA

Surface Casing: Set at 608'  
 Size 8-5/8", 24# Cemented with 300 sx.  
 TOC surface ' determined by circulation  
 Hole Size 11" ? Comp. Date 10-04-59  
Intermediate casing: Set at \_\_\_\_\_  
 Size NONE Cemented with \_\_\_\_\_sx.  
 TOC \_\_\_\_\_ ' determined by \_\_\_\_\_  
 Hole Size \_\_\_\_\_  
Production Casing: Set at 3369'  
 Size 5-1/2", 14# Cemented with 150 sx.  
 TOC 2570' ' determined by calculation  
 Hole Size 7-7/8" ?, assumed 75% fill

Completion Interval:

3290' to 3342' : ? spf, 88 perforations  
Drilled as water injection well; R-1352

Tops:

Salt 1215'-2891'  
 Tansil 2844'  
 Yates 2996'  
 Seven Rivers 3271'

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil well  gas well  other **Water Inj. well**

2. NAME OF OPERATOR  
**Koch Exploration Co. Div. of Koch Ind., Inc.**

3. ADDRESS OF OPERATOR  
**P.O. Box 2256, Wichita, Kansas 67201**

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: **1135' FSL & 20' FWL**  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
(other) <b>Plug and abandon</b>	

5. LEASE  
**LC-050107(a)**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
**N/A**

7. UNIT AGREEMENT NAME  
**N/A**

8. FARM OR LEASE NAME  
**Mary E. Wills "A"**

9. WELL NO.

10. FIELD OR WILDCAT NAME  
**Rhodes**

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
**Sec. 35-26S-37E**

12. COUNTY OR PARISH  
**Lea**

13. STATE  
**New Mexico**

14. API NO.  
**N/A**

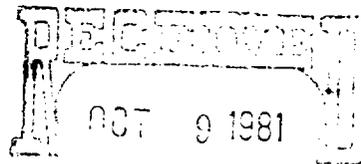
15. ELEVATIONS (SHOW DF, KDB, AND WD)  
**GR 2979.28**

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)\*

8-24-81 Set 20 sxs @3290' tagged @3050'  
8-25-81 Set 35 sxs @1730'  
8-25-81 Set 50 sxs @1200' tagged @1088'  
8-25-81 Set 50 sxs @650' tagged @510'  
8-27-81 Set 5 sxs and dry hole marker

Plugs set thru tubing  
Hole loaded with 10# mud laden fluid



OIL & GAS  
U.S. GEOLOGICAL SURVEY  
ROSWELL, NEW MEXICO

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED *Peter W. Chester* TITLE Mayo Harris Casing Pulling Inc. DATE 9-8-81

APPROVED (This space for Federal or State office use)

(Orig. S.L.) PETER W. CHESTER

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

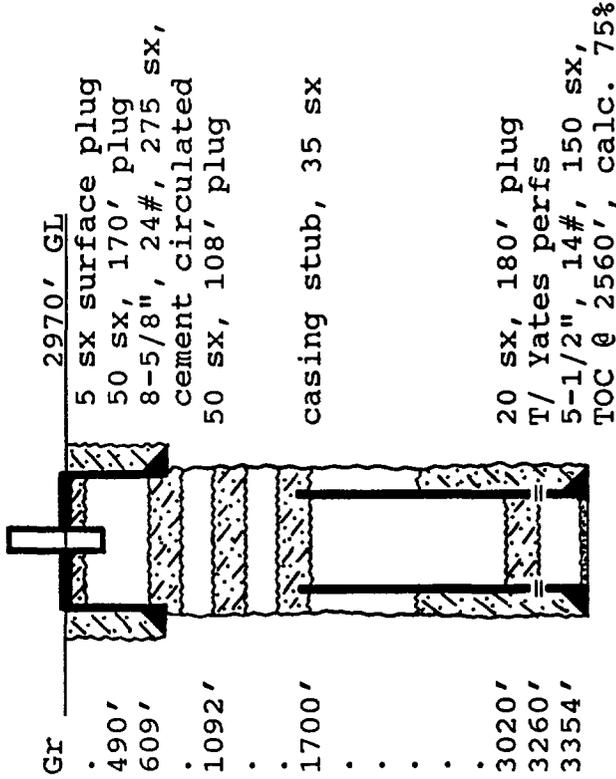
CONDITIONS OF APPROVAL, IF ANY:  
**MAR 8 1983**

FOR  
JAMES A. GILLHAM  
DISTRICT SUPERVISOR\* See Instructions on Reverse Side

WELL DATA SHEET

OPERATOR: Koch Exploration Co. Lease: Mary E Wills Fed A #10  
 FOOTAGE LOCATION: 1135 FSL X 20 FWL Sec./Twn/Rng: Unit D, Sec 35, T-26-S, R-37-E  
Former Wood River O&R, plugged 9-2-81 - collapsed casing. Lea County, New Mexico

SCHEMATIC



TABULAR DATA  
Surface Casing: Set at 609'

Size 8-5/8", 24# Cemented with 275 sx.  
 TOC surface ' determined by circulation

Hole Size 11" ? Comp. Date 4-08-60

Intermediate casing: Set at \_\_\_\_\_

Size NONE Cemented with \_\_\_\_\_ sx.

TOC \_\_\_\_\_ ' determined by \_\_\_\_\_

Hole Size \_\_\_\_\_

Production Casing: Set at 3354'

Size 5-1/2", 14# Cemented with 150 sx.

TOC 2560' ' determined by calculation

Hole Size 7-7/8" ?, assumed 75% fill

Completion Interval:

3260' to 3326' : ? spf, 104 perforations

Drilled as water injection well; R-1352

Tops:

Salt 1205'-2818'

Tansil

Yates 2974'

Seven Rivers 3250'

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

- 1. oil well  gas well  other Water Inj. Well
- 2. NAME OF OPERATOR  
Koch Expl. Co., Div. of Koch Ind., Inc.
- 3. ADDRESS OF OPERATOR  
P.O. Box 2256, Wichita, Kansas 67201
- 4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 20' FNL & 20' SWL  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:
- 16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

- |                          |                                     |                       |                                     |
|--------------------------|-------------------------------------|-----------------------|-------------------------------------|
| REQUEST FOR APPROVAL TO: |                                     | SUBSEQUENT REPORT OF: |                                     |
| TEST WATER SHUT-OFF      | <input type="checkbox"/>            |                       | <input type="checkbox"/>            |
| FRACTURE TREAT           | <input type="checkbox"/>            |                       | <input type="checkbox"/>            |
| SHOOT OR ACIDIZE         | <input type="checkbox"/>            |                       | <input type="checkbox"/>            |
| REPAIR WELL              | <input type="checkbox"/>            |                       | <input type="checkbox"/>            |
| PULL OR ALTER CASING     | <input type="checkbox"/>            |                       | <input type="checkbox"/>            |
| MULTIPLE COMPLETE        | <input type="checkbox"/>            |                       | <input type="checkbox"/>            |
| CHANGE ZONES             | <input type="checkbox"/>            |                       | <input type="checkbox"/>            |
| ABANDON*                 | <input checked="" type="checkbox"/> |                       | <input checked="" type="checkbox"/> |
| (other) Plug & abandon   |                                     |                       |                                     |

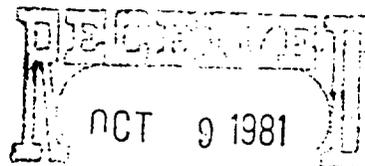
- 5. LEASE  
LC-050107(a)
- 6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
N/A
- 7. UNIT AGREEMENT NAME  
N/A
- 8. FARM OR LEASE NAME  
Mary E. Wills "A" *Federal*
- 9. WELL NO.  
10
- 10. FIELD OR WILDCAT NAME  
Rhodes
- 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 35-26S-37E
- 12. COUNTY OR PARISH  
Lea
- 13. STATE  
New Mexico
- 14. API NO.  
N/A
- 15. ELEVATIONS (SHOW DF, KDB, AND WD)  
GR 2984'

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)\*

- 8-29-81 Set 20 sxs @3200' tagged @3020'
- 8-31-81 Set 35 sxs @1700'
- 8-31-81 Set 50 sxs @ 1200' tagged @1092'
- 9-1-81 Set 50 sxs @660' tagged @490'
- 9-2-81 Set 5 sxs and dry hole marker

All plugs set thry tubing  
Hole loaded with 10# mud laden fluid



OIL & GAS  
U.S. GEOLOGICAL SURVEY  
ROSWELL, NEW MEXICO

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED *Mayo Marrs* TITLE Mayo Marrs DATE 9-8-81  
Casing Pulling Inc.

(This space for Federal or State office use)

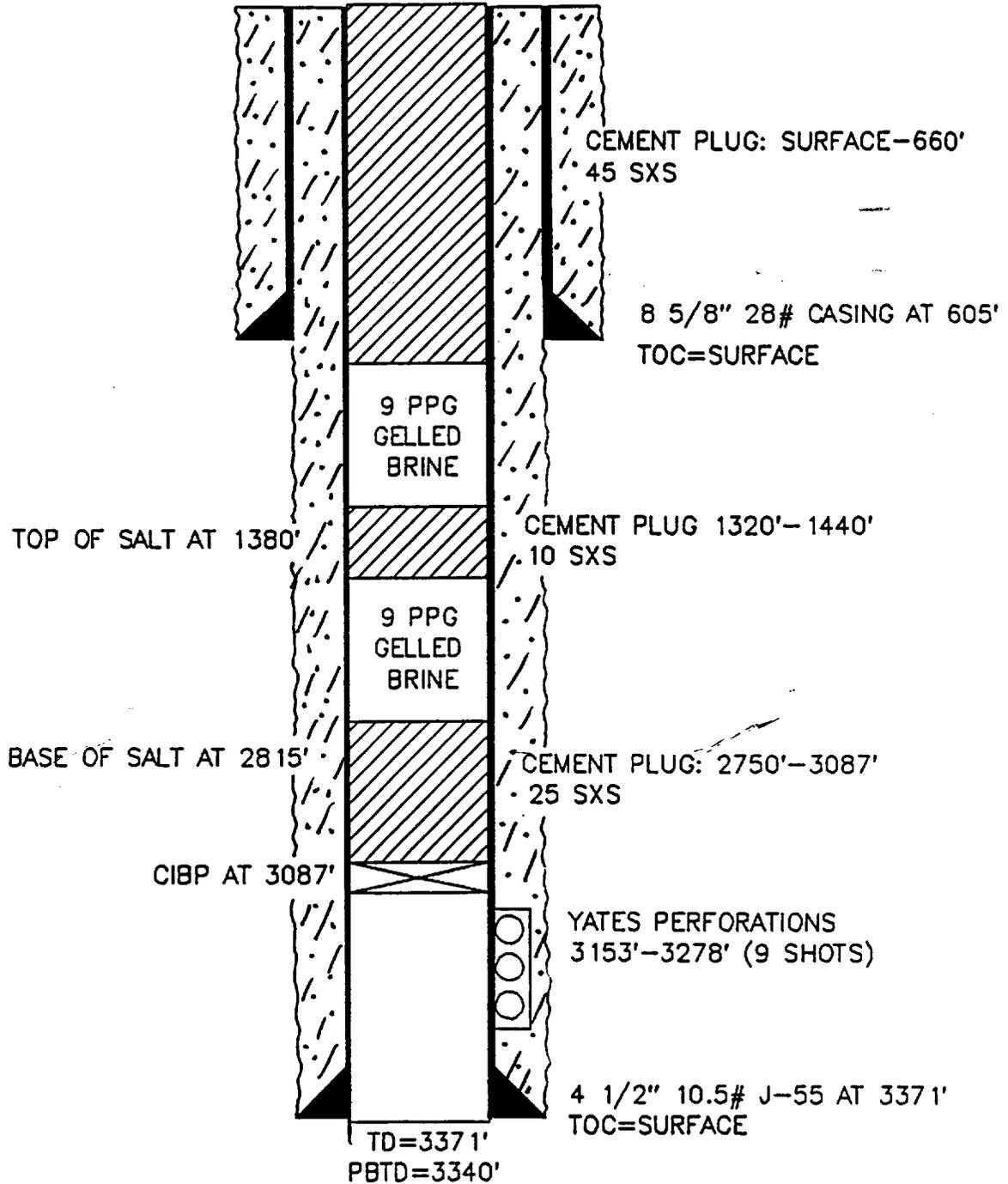
APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

# MERIDIAN OIL

STATE UTP NO. 1  
RHODES (OIL) FIELD  
LEA COUNTY, NEW MEXICO

PROPOSED CONDITION AFTER P&A



Submit 3 Copies  
Appropriate  
District Office

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-103  
Revised 1-1-89

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

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

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

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

WELL API NO.  
30-025-25492

5. Indicate Type of Lease  
STATE  FEE

6. State Oil & Gas Lease No.  
B-7606

7. Lease Name or Unit Agreement Name  
State "UTP"

8. Well No.  
1

9. Pool name or Wildcat  
Rhodes (Yates, 7 Rivers)

**SUNDRY NOTICES AND REPORTS ON WELLS**  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:  
OIL WELL  GAS WELL  OTHER

2. Name of Operator  
Meridian Oil Inc

3. Address of Operator  
P.O. Box 51810, Midland, TX 79710-1810

4. Well Location  
Unit Letter G : 1650 Feet From The North Line and 1650 Feet From The East Line  
Section 28 Township 26S Range 37E NMPM Lea County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)  
2966' GR

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

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

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

3/27/92 RIH to CIBP @ 3087'. MIRU Halliburton. Mix & circ well w/ 9# brine w/ salt gel., spot 25 sxs cmt plug @ 3087', 25 sxs @ 1440', 60 sxs @ 660' and 5 sxs @ surface (105 sxs premium plus w/ 2% caci). LD workstring. RDMOPU. Cut off wellhead & place p&a marker on well.

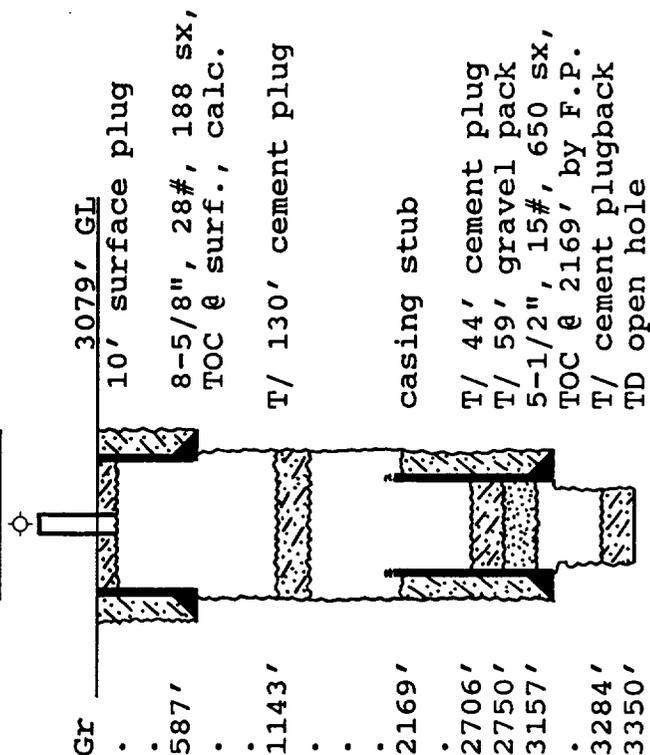
I hereby certify that the information above is true and complete to the best of my knowledge and belief.  
SIGNATURE Roxann Scholz TITLE Production Asst DATE 04/06/92  
TYPE OR PRINT NAME Roxann Scholz TELEPHONE NO. (915)688-

(This space for State Use)  
APPROVED BY Charles Perry TITLE OIL & GAS INSPECTOR DATE APR 28 '92  
CONDITIONS OF APPROVAL, IF ANY:

WELL DATA SHEET

OPERATOR: Anderson-Pritchard Oil Corporation Lease: State 28 "A" #2  
 FOOTAGE LOCATION: 1980 FNL X 1980 FEL Sec./Twn/Rng: Unit G, Sec 28, T-26-S, R-37-E  
Drilled and abandoned August, 1943. Lea County, New Mexico

SCHEMATIC



Gr . . . . . 3079' GL  
 . . . . . 10' surface plug  
 . . . . . 8-5/8", 28#, 188 sx,  
 . . . . . TOC @ surf., calc.  
 . . . . . T/ 130' cement plug  
 . . . . . casing stub  
 . . . . . T/ 44' cement plug  
 . . . . . T/ 59' gravel pack  
 . . . . . 5-1/2", 15#, 650 sx,  
 . . . . . TOC @ 2169' by F.P.  
 . . . . . T/ cement plugback  
 . . . . . TD open hole

TABULAR DATA

Surface Casing: Set at 587'  
 Size 8-5/8", 28# Cemented with 188 sx.  
 TOC surface ' determined by calculation  
 Hole size 11" Comp. Date 8-11-43  
Intermediate casing: Set at \_\_\_\_\_  
 Size NONE Cemented with \_\_\_\_\_sx.  
 TOC \_\_\_\_\_ ' determined by \_\_\_\_\_  
 Hole Size Hole filled with 10-1/2# mud  
Production Casing: Set at 3157'  
 Size 5-1/2", 15# Cemented with 650 sx.  
 TOC 2169 ' determined by free point  
 Hole size 7-7/8"  
Open Hole Interval:  
3157' to 3350' size: 4-3/4" ?  
Nitro shot 70 qts L.N.G., 3247'-3284'.

Tops:  
 Salt 1285'-2840'  
 Tansil 2840'  
 Yates 2988'  
 Seven Rivers 3285'

PLUG AND ABANDON DATA

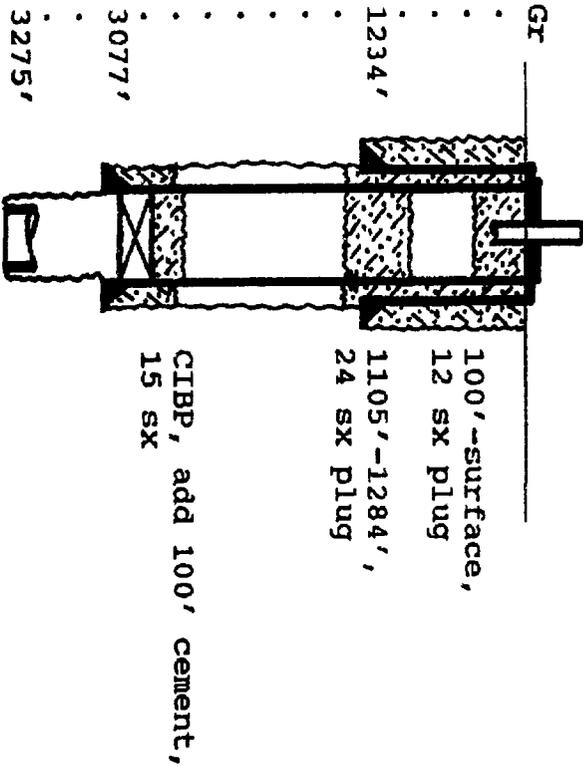
PO-113  
(5/91)

OPERATOR: Texaco Exploration & Production Inc. Lease: W.H. Rhodes B Fed NCT-1 #2

FOOTAGE LOCATION: 2970 FNL X 2310 FEL Sec./Twp/Rng: Unit J, Sec 27, T-26-S, R-37-E

Failed MIT on 4-25-91, 70 psig on casing. Lea County, New Mexico

SCHEMATIC



Surface Plug:

PLUGGING DATA

Size 100\'-surf. Cemented with 12 sx.

Squeeze annulus with 110 sx to surface.

Class 'C' Cement, 1.32 cu ft/ sx

Intermediate Plug(s):

Size 1284\'-1105\' Cemented with 24 sx.

Class 'C' cement, 1.32 cu ft/ sx

Intermediate plug covers t/ salt and shoe.  
Lower plug covers b/ salt and open hole.

Producing Zone Plugs:

Size CIBP, 100\' Cemented with 15 sx.

BEFORE EXAMINER CANTANACH  
OIL CONSERVATION DIVISION  
TEXACO EXHIBIT NO. 9  
DATE NO. 10572 AND 10573