



BRUCE KING
GOVERNOR

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



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

ADMINISTRATIVE ORDER NO. WFX-630

*APPLICATION OF TEXACO EXPLORATION & PRODUCTION, INC. TO EXPAND ITS
WATERFLOOD PROJECT IN THE DOLLARHIDE - TUBB - DRINKARD POOL IN LEA
COUNTY, NEW MEXICO*

**ADMINISTRATIVE ORDER
OF THE OIL CONSERVATION DIVISION**

Under the provisions of Division Order No. R-3768, Texaco Exploration & Production, Inc. has made application to the Division on March 16, 1992, for permission to expand its West Dollarhide Drinkard Unit Waterflood Project in the Dollarhide - Tubb - Dollarhide Pool in Lea County, New Mexico.

THE DIVISION DIRECTOR FINDS THAT:

- (1) The application has been filed in due form.
- (2) Satisfactory information has been provided that all offset operators have been duly notified of the application.
- (3) No objection has been received within the waiting period as prescribed by Rule 701(B).
- (4) - The proposed injection wells are eligible for conversion to injection under the terms of Rule 701.
- (5) The proposed expansion of the above referenced Waterflood Project will not cause waste nor impair correlative rights.
- (6) The application should be approved.

IT IS THEREFORE ORDERED THAT:

The applicant, Texaco Exploration & Production, Inc., be and the same is hereby authorized to inject water into the Drinkard and Abo formations at approximately 6550 feet to approximately 7700 feet through 2 3/8 inch plastic lined tubing set located within 100 feet of the uppermost injection perforations in the wells shown on Exhibit "A" attached hereto for purposes of secondary recovery to wit.

IT IS FURTHER ORDERED THAT:

The operator shall take all steps necessary to ensure that the injected water enters only the proposed injection interval and is not permitted to escape to other formations or onto the surface.

Prior to commencing injection operations, WDDU No. 62 shall be plugged out of the unitized interval and pass a mechanical integrity test or plugged and abandoned in a manner satisfactory with the supervisor of the Hobbs District Office.

Prior to commencing injection operations into the wells, the casing in each well shall be pressure tested from the surface to the packer setting depth to assure the integrity of said casing.

The casing-tubing annulus in each well shall be loaded with an inert fluid and equipped with a pressure gauge at the surface or left open to the atmosphere to facilitate detection of leakage in the casing, tubing or packer.

The injection wells or system shall be equipped with a pressure limiting device which will limit the wellhead pressure on the injection wells to no more than .2 psi/ft. of depth to the uppermost perforations as shown on Exhibit "A".

The Director of the Division may authorize an increase in injection pressure upon a proper showing by the operator of said wells that such higher pressure will not result in migration of the injected fluid from the Drinkard and Abo formations. Such proper showing shall consist of a valid step-rate test run in accordance with and acceptable to this office.

The operator shall notify the supervisor of the Hobbs district office of the Division of the date and time of the installation of injection equipment and of the mechanical integrity tests so that the same may be inspected and witnessed.

Administrative Order WFX-630
Texaco Exploration & Production, Inc.
April 14, 1992
Page 3

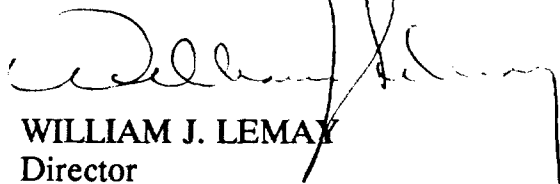
The operator shall immediately notify the supervisor of the Hobbs district office of the Division of the failure of the tubing, casing or packer in said wells and shall take such steps as may be timely and necessary to correct such failure or leakage.

The subject wells shall be governed by all provisions of Division Order No. R-3768, as amended and Rules 702-706 of the Division Rules and Regulations not inconsistent herewith.

PROVIDED FURTHER THAT, jurisdiction of this cause is hereby retained by the Division for the entry of such further order or orders as may be deemed necessary or convenient for the prevention of waste and/or protection of correlative rights; upon failure of the operator to conduct operations in a manner which will ensure the protection of fresh water or in a manner inconsistent with the requirements set forth in this order, the Division may, after notice and hearing, terminate the injection authority granted herein.

DONE at Santa Fe, New Mexico, on this 14th day of April, 1992.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION



WILLIAM J. LEMAY
Director

S E A L

jc/

cc: Oil Conservation Division - Hobbs

EXHIBIT "A"
DIVISION ORDER NO. WEX-630
WEST DOLLARHIDE DRINKARD UNIT
APPROVED INJECTION WELLS

Well Number	Location	Unit	S-T-R	Injection Perforations	Packer Depth	Tubing Size	Injection Pressure
WDDU No. 120	2190' FNL & 2224' FWL	F	32-24S-38E	6550' to 7700'	6450'	2 3/8"	1330 PSIG
WDDU No. 121	2176' FNL & 656' FWL	E	32-24S-38E	6550' to 7700'	6450'	2 3/8"	1330 PSIG
WDDU No. 122	2055' FSL & 1981' FWL	K	32-24S-38E	6550' to 7700'	6450'	2 3/8"	1330 PSIG

Located in Lea County, New Mexico



Texaco USA

Produced by
Hobbs Area Manager
March 11, 1992

March 11, 1992

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

Attention: David R. Catanach

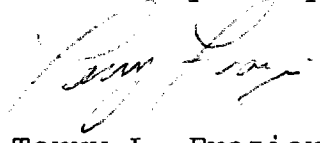
Re: Application for Expansion of Waterflood;
Order R-2472, WFX #608, WFX #621
Texaco Exploration and Production Inc.
West Dollarhide Drinkard Unit, Dollarhide Tubb-Drinkard
T-24/25-S, R-38-E, Lea County, New Mexico

Gentlemen:

Texaco Exploration and Production Inc. respectfully requests administrative approval for the expansion of the West Dollarhide Drinkard Unit. The three infill wells designated in this application will be drilled for water injection. This work will help maintain reservoir pressure and recover additional oil reserves that would otherwise be left in place.

Texaco E&P Inc. respectfully requests that the West Dollarhide Drinkard Unit Waterflood Project covered by R-3768, WFX #608 and WFX-621 be expanded to include the drilling of the three infill injection wells. 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

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, NM 88240
Contact party: Terry L. Frazier 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
If yes, give the Division order number authorizing the project R-3768, WFX-608,621.
- 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: 3/10/92
- * 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. Examiner Hearing May 21, 1961, Expansion Applications submitted

May 5, 1991, December 19, 1991

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

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.

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 Infill Drilled Water Injection Wells

West Dollarhide Drinkard Unit - Dollarhide Tubb Drinkard#120 - Unit Letter F, 2190 FNL & 2224 FWL, Section 32, T24S, R38E#121 - Unit Letter E, 2176 FNL & 656 FWL, Section 32, T24S, R38E#122 - Unit Letter K, 2055 FSL & 1981 FWL, Section 32, T24S, R38E

III. All pertinent well data is included on the well schematic sheets. Well #52 was a unit producer plugged on November 4, 1988 due to high water production and holes in the casing. #53 was a unit injection well plugged on April 8, 1983 after the casing collapsed and a RBP was lost in the hole at 4221'. While neither P&A was done strictly to current NMOCd standards, both procedures were approved by the NMOCd. The plugs in place are more than adequate to isolate the Drinkard unitized interval from the overlying Queen waterflood and sources of usable surface fresh water.

Well #62 will be plugged out of the unitized interval and tested for mechanical integrity. The logs from the offset #122 will be used to evaluate any shallower formations for commercial hydrocarbons. If the casing fails the MIT, then it will be immediately plugged. The plugback work will be done before well #122 is spudded.

V. Lease maps 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-3768 dated May 21, 1969. Additional information was supplied on May 10, 1991 and June 23, 1991 as part of the 1991 waterflood expansion application (WFX-608). Additional information was supplied for the 1992 expansion (WFX-621) on December 19, 1991.

No wells have been drilled into or through the unitized interval after the infill well WDDU #108 well was drilled. The abandonment of the unitized interval in WDDU #70 is pending partner approval.

Due financial restrictions, it is probable that the complete 10 well drilling package will not be approved. Therefore, a 5 well package is now being submitted to partners. Texaco still intends to drill 4 producers and drill WDDU #122 as an injection well. However, Texaco requests that the injection permits for WDDU #120 and #121 be addressed in this application. The NMOCd may have questions about the plugged WDDU wells #52 and #53. This will allow ample time to evaluate any remedial actions that are deemed necessary prior to actually drilling the two replacement injection wells.

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

Summary of Details for Conversion of Wells to Injection Status

West Dollarhide Drinkard Unit, Dollarhide Tubb Drinkard

VI. Continued

A map showing the updated locations of the pending 1992 infill wells is also included. Most of the conversion work will be started in the second quarter of 1992, but actual injection will not start until most of the infill wells have been drilled. Of the previous conversion package, only #28 has been done so far. Wells #46 and #60 will be converted by May of 1992.

As part of the 1992 infill drilling package, WDDU #62 and #70 will be plugged out of the unitized interval. Assuming the casing in these wells is intact, they will be evaluated for future recompletions in shallower zones.

VII. Proposed average daily injection rate per well is 500 Bbls per day and anticipated maximum rate is 1000 Bbls per day. Maximum pressure will not exceed 1700 psi system working pressure. The average injection pressure will not exceed 1300 psi until a step rate test establishes a higher limit. The system will be closed.

IX. Subject wells will be stimulated in stages with 3000 to 6000 gallons 15% NEFE if needed. Small fracture treatments for the older high-pressure wells are being evaluated. Average size will probably not exceed 20,000 gallons and 50,000 pounds of sand. Rock salt blocks or ball diverters will be used as well as scale inhibitor chemicals.

XII. Based on current geological and engineering data and a petrophysical rock-properties log, there is no evidence of natural or artificially induced open faults within the unitized interval or above. There is no communication between the injection zone and any subsurface source of drinking water.

XIII. A notarized copy of a "Proof of Notice" is included.

IMPORTANT MESSAGE

FOR Ben Stone
DATE _____ TIME 11:45 A.M.
M Patel
OF Midland, Tx
PHONE _____
AREA CODE _____ NUMBER _____ EXTENSION _____

TELEPHONED		PLEASE CALL	
CAME TO SEE YOU		WILL CALL AGAIN	
WANTS TO SEE YOU		RUSH	
RETURNED YOUR CALL	<input checked="" type="checkbox"/>	SPECIAL ATTENTION	

MESSAGE Mr. Al Bohling
Can help you with
info you wanted.
(915) 687-7426

SIGNED _____
LITHO IN U.S.A.

NOTES

915

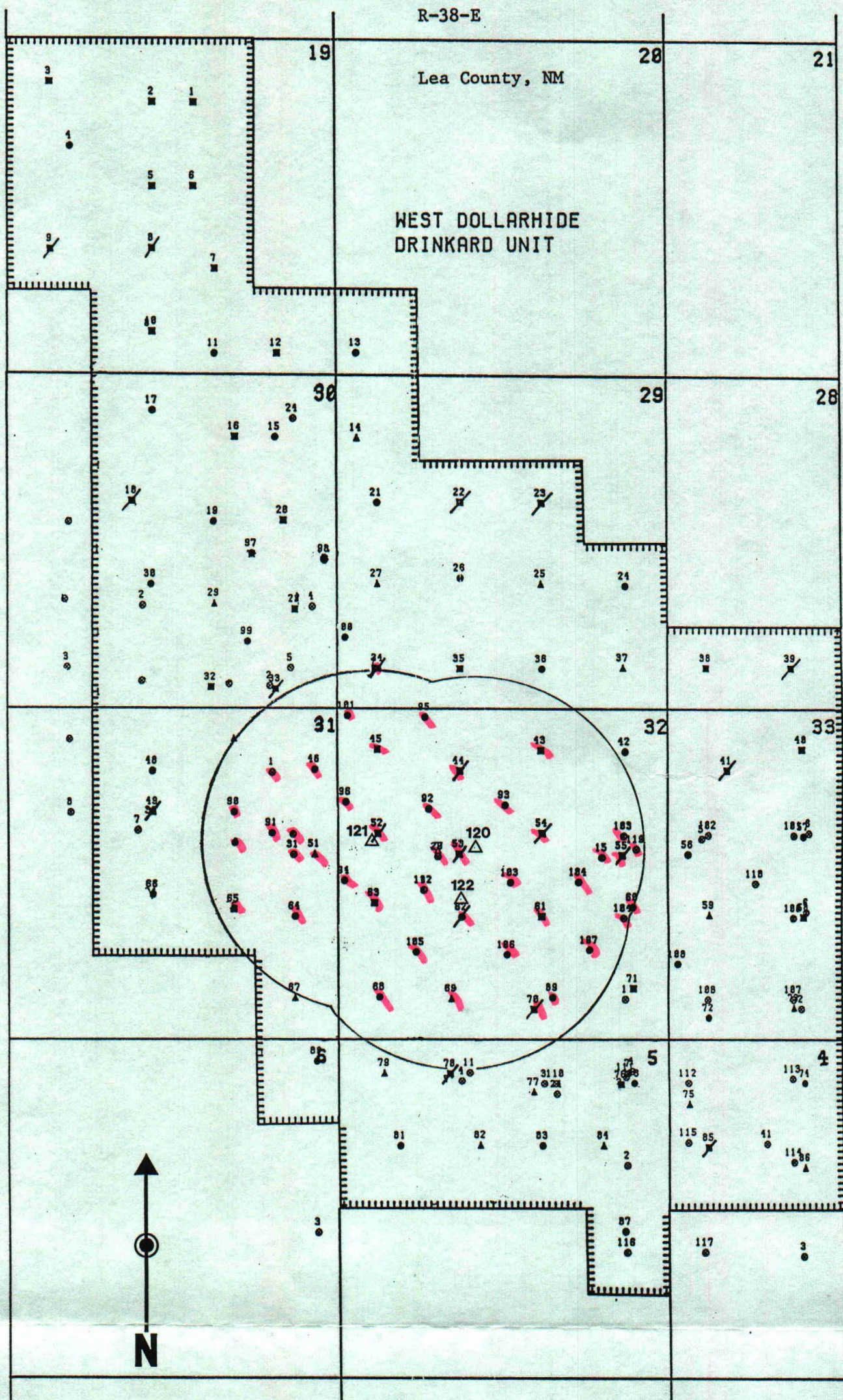
682

9131

R-38-E

Lea County, NM

WEST DOLLARHIDE
DRINKARD UNIT



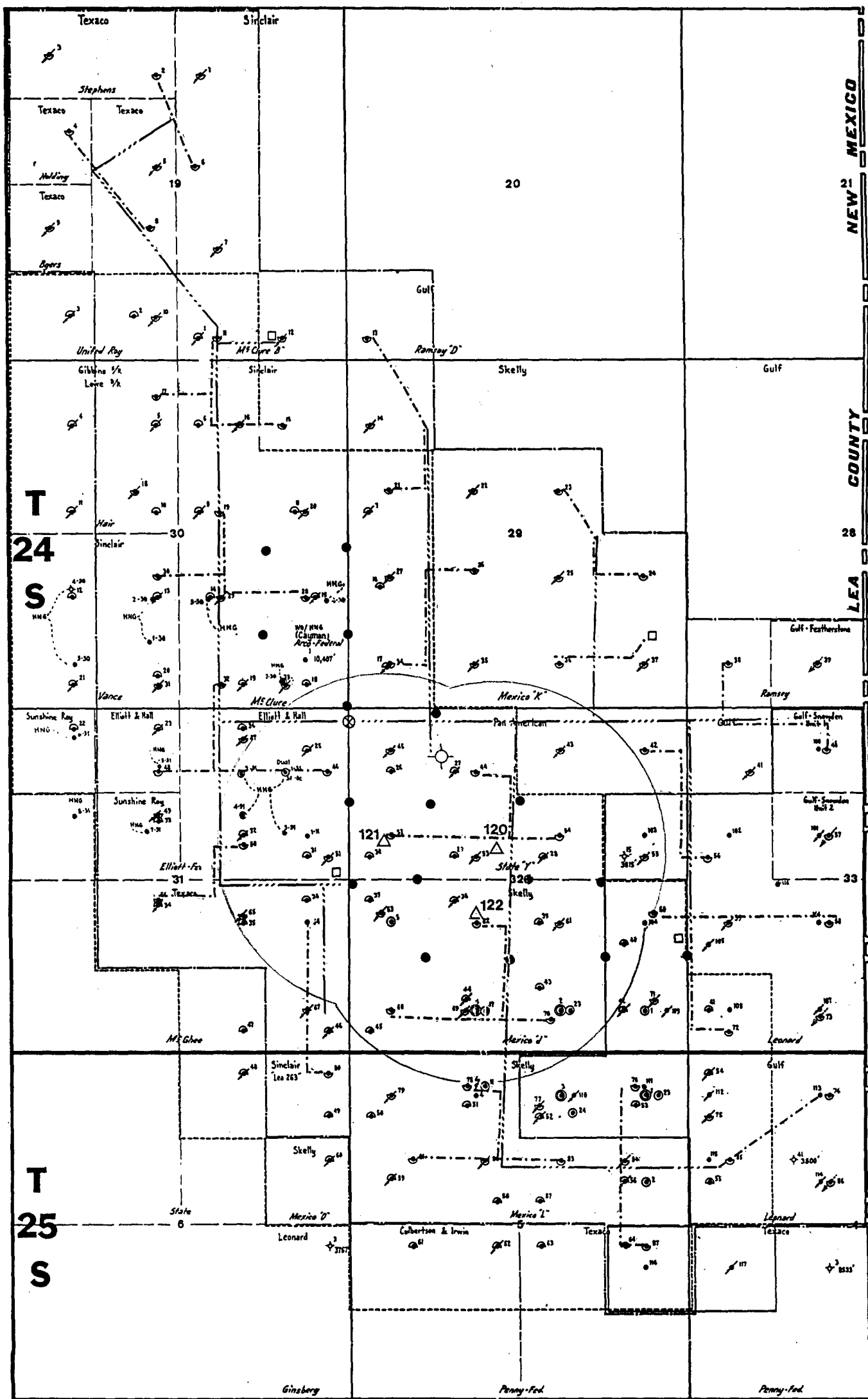
LEGEND

- DRINKARD PRODUCER
- ▲ DRINKARD INJECTOR
- DRINKARD INAC/P&A
- + OTHER (DEEP)

TEXACO INC.		
HOBBS	NM	U.S.A.
WEST DOLLARHIDE DRINKARD UNIT		
WEST DOLLARHIDE FIELD		
BASEMAP		
LEA COUNTY, NEW MEXICO		
1"=42000'	C. E. SAGLER	8-MAY-81

T-24-S

T-25-S



R 38 E

LEGEND

- QUEEN UNIT
- DRINKARD UNIT
- DEVONIAN UNIT
- QUEEN
- DRINKARD
- DEVONIAN
- FUSSELMAN
- ELLENBURGER
- WATER INJECTION WELL
- PROPOSED WATER INJECTION WELL

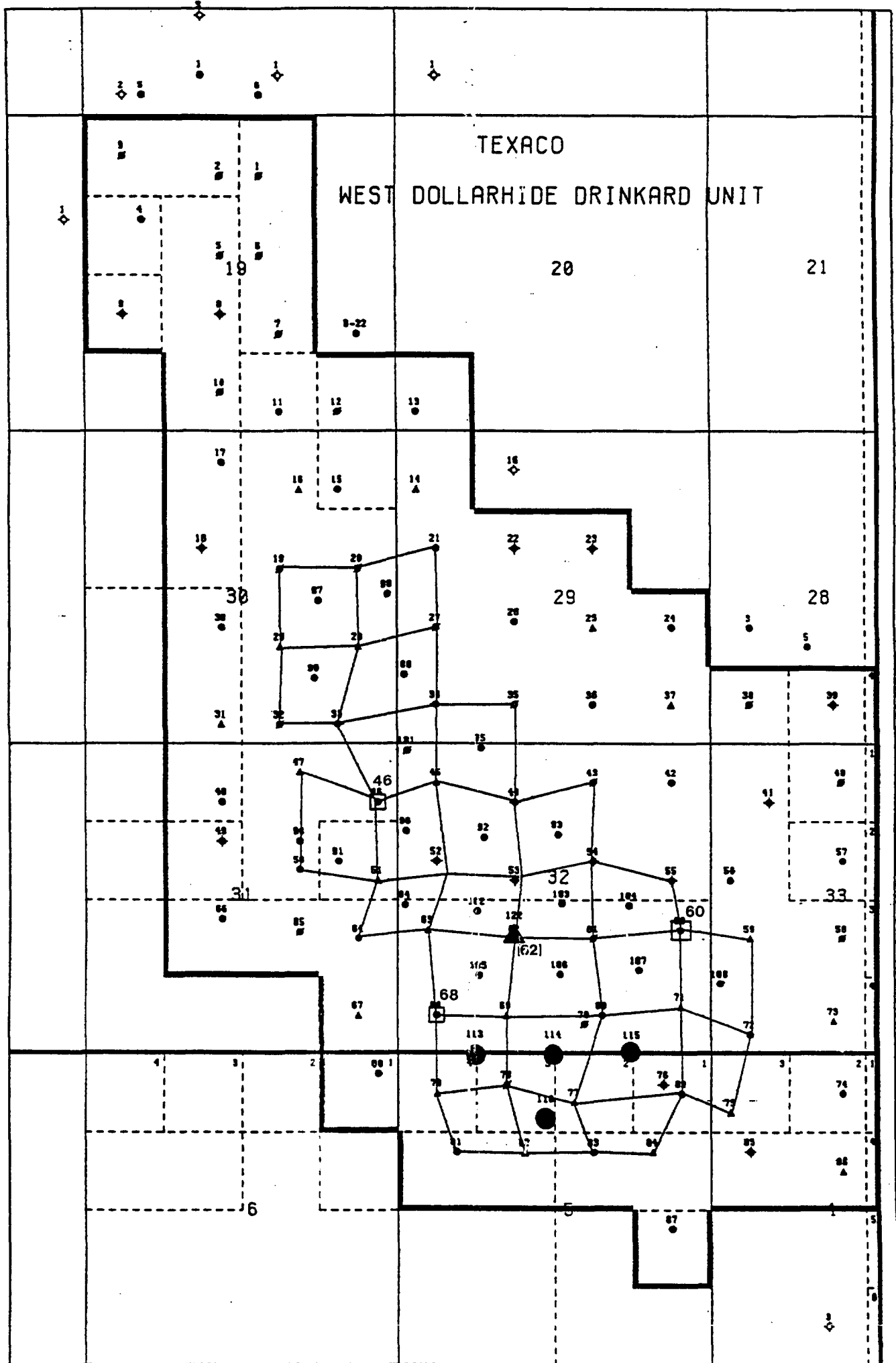
- SATELLITE TEST STATIONS
- △ TRANSFORMER BANKS
- SECONDARY LINES
- PRIMARY LINES
- CENTRAL BATTERY
- ⊗ SINGLE POINT DELIVERY FROM N.M.E.S.C.

SKELLY OIL COMPANY
WEST CENTRAL DISTRICT
WEST DOLLARHIDE FIELD
LEA COUNTY, NEW MEXICO
SCALE: 1" = 2000'
CENTRAL BASIN PLATFORM GEOPROVINCE
HOBBS AREA
640-01-04-01
640-01-04-02
640-01-04-03
640-01-04-04
640-01-04-05

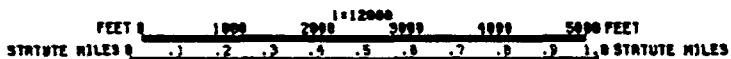
R 38 E

T 24 S

T 25 S



- PROPOSED PRODUCER (1992)
- ▲ PROPOSED INJECTOR (1992)
- PROPOSED CONVERSION (1992)

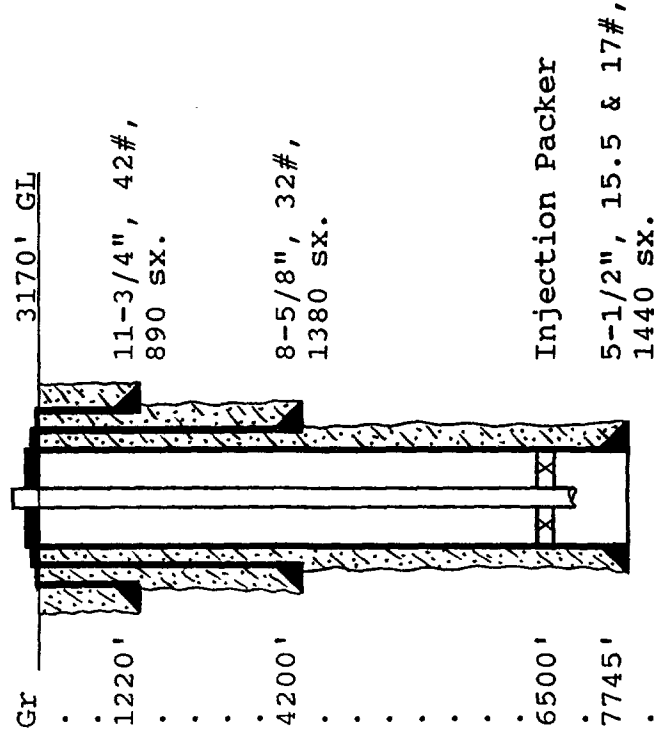


TEXACO E & P INC.		
MIDLAND	TEXAS	U.S.A.
WEST DOLLARHIDE DRINKARD UNIT		
LEA COUNTY, NEW MEXICO		
REVISED PROPOSED 1992		
DRILLING AND CONVERSION PROGRAM		
WITH COMPLETED 40-ACRE PATTERNS		
J. F. GIBBS		
2-000-02		

INJECTION WELL DATA SHEET

OPERATOR: Texaco Exploration & Production Inc. WELL: West Dollarhide Drinkard Unit #120
 FOOTAGE LOCATION: 2190 FNL, 2224 FWL Sec./Twn/Rng: Unit F, Sec 32, T-24-S, R-38-E
Infill drilled injection well to replace WDDU #53 WIW. Lea County, New Mexico

SCHEMATIC



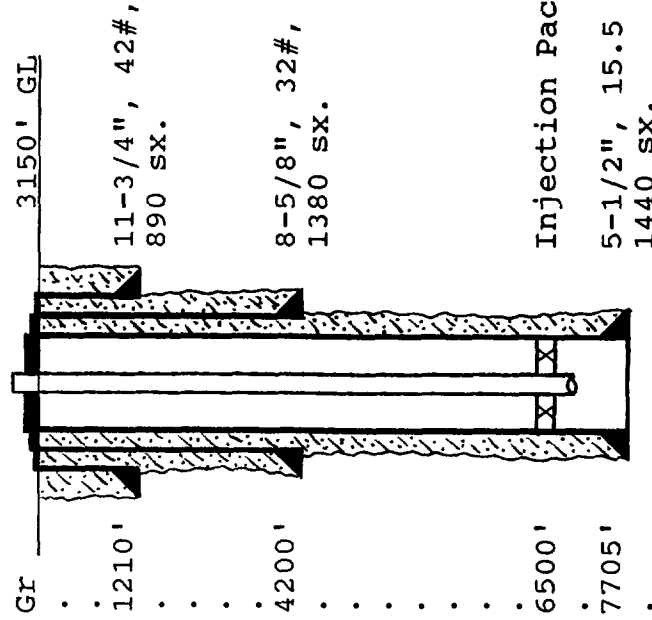
TABULAR DATA

Surface Casing: Set at: 1220'
 Size 11-3/4", 42# Cemented with 890 sx.
 TOC surface ' determined by circulation
 Hole Size 14-3/4"
Intermediate casing: Set at: 4200'
 Size 8-5/8", 32# Cemented with 1380 sx.
 TOC surface ' determined by circulation
 Hole Size 11"
Production Casing: Set at: 7745'
 Size 5 1/2, 15.5&17# Cemented with 1440 sx.
 TOC surface ' determined by circulation
 Hole Size 7 7/8
Injection Interval: Lower Drinkard and Abo
6550' to 7700' through: Perforations
Tubing: 2 3/8", 4.7#, J-55, IPC, 2000# WP

INJECTION WELL DATA SHEET

OPERATOR: Texaco Exploration & Production Inc. WELL: West Dollarhide Drinkard Unit #121
 FOOTAGE LOCATION: 2176 FNL, 656 FWL Sec./Twn/Rng: Unit E, Sec 32, T-24-S, R-38-E
Infill drilled injection well to replace WDDU #52. Lea County, New Mexico

SCHEMATIC



TABULAR DATA

Surface Casing: Set at: 1210'
 Size 11-3/4", 42# Cemented with 890 sx.
 TOC surface ' determined by circulation
 Hole Size 14-3/4"
Intermediate casing: Set at: 4200'
 Size 8-5/8", 32# Cemented with 1380 sx.
 TOC surface ' determined by circulation
 Hole Size 11"
Production Casing: Set at: 7705'
 Size 5 1/2, 15.5&17# Cemented with 1440 sx.
 TOC surface ' determined by circulation
 Hole Size 7 7/8"
Injection Interval: Lower Drinkard and Abo
6550' to 7700' through: Perforations
 Tubing: 2 3/8", 4.7#, J-55, IPC, 2000# WP

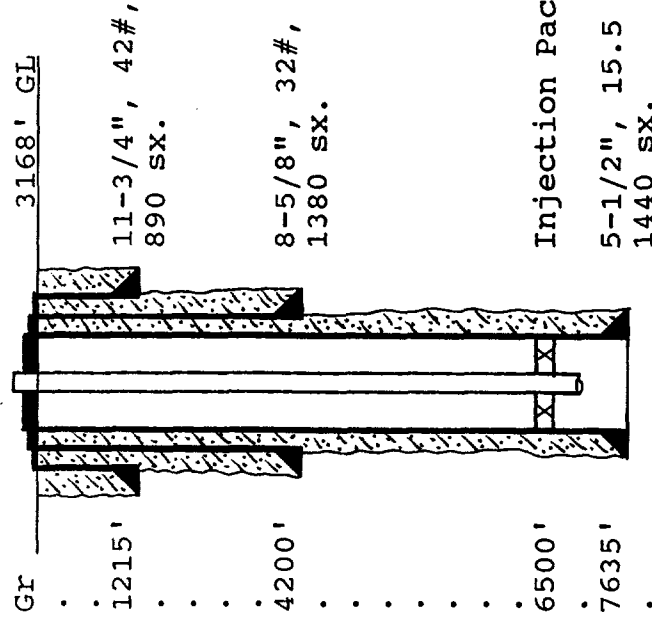
Anticipated Tops:

Salt 1280'-2570'
 Queen 3630'
 Tubbs 6015'
 Drinkard 6440'
 Abo 6590'

INJECTION WELL DATA SHEET

OPERATOR: Texaco Exploration & Production Inc. WELL: West Dollarhide Drinkard Unit #122
 FOOTAGE LOCATION: 2055 FSL, 1981 FWL Sec./Twn/Rng: Unit K, Sec 32, T-24-S, R-38-E
Infill drilled injection well to replace WDDU #62. Lea County, New Mexico

SCHEMATIC



TABULAR DATA

Surface Casing: Set at: 1215'
 Size 11-3/4", 42# Cemented with 890 sx.
 TOC surface ' determined by circulation
 Hole Size 14-3/4"
Intermediate casing: Set at: 4200'
 Size 8-5/8", 32# Cemented with 1380 sx.
 TOC surface ' determined by circulation
 Hole Size 11"
Production Casing: Set at: 7635'
 Size 5 1/2, 15.5&17# Cemented with 1440 sx.
 TOC surface ' determined by circulation
 Hole Size 7 7/8"
Injection Interval: Lower Drinkard and Abo
6550' to 7700' through: Perforations
Tubing: 2 3/8", 4.7#, J-55, IPC, 2000# WP

Anticipated Tops:

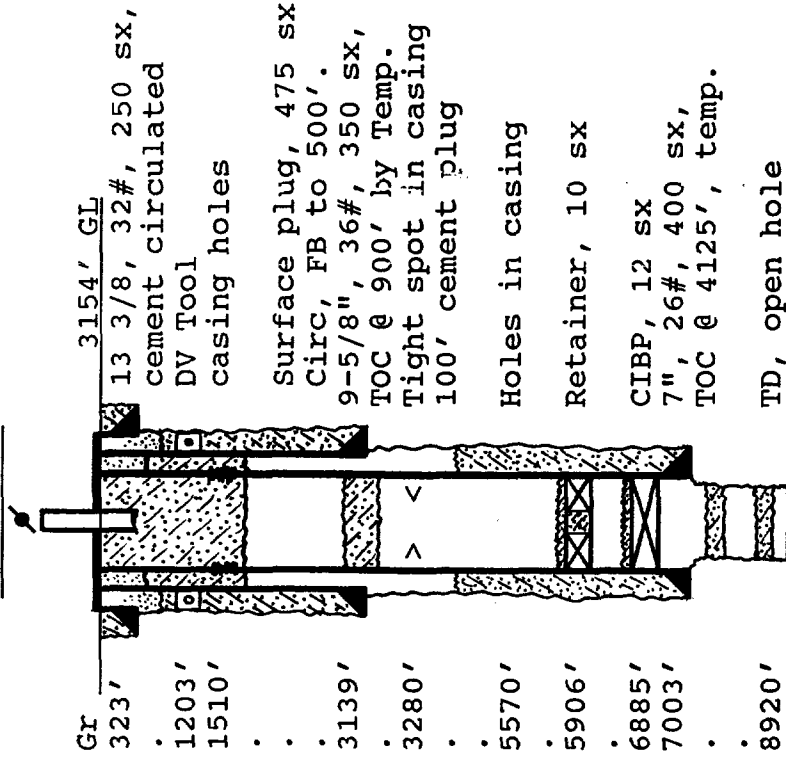
Salt 1270'-2535'
 Queen 3605'
 Tubbs 6005'
 Drinkard 6360'
 Abo 6520'

P&A WELL DATA SHEET

PO-108
(3/92)

OPERATOR: Texaco Exploration & Production Inc. **WELL:** West Dollarhide Drinkard Unit #52
FOOTAGE LOCATION: 1980 FNL, 660 FWL **Sec./Twn/Rng:** Unit E, Sec. 32, T-24-S, R-38-E
Former Pan American State 'Y' #2, P&A November 4, 1988. Lea County, New Mexico

SCHEMATIC



TABULAR DATA

Surface Casing: Set at: 323'
 Size 13 3/8, 36# Cemented with 375 sx.
 TOC surface , determined by circulated
 Hole Size 17-1/2" Comp. Date 12-24-52
Intermediate casing: Set at: 3139'
 Size 9 5/8, 36# Cemented with 350 sx.
 TOC < 900 , determined by temperature
 Hole Size 12 1/4", DV Tool at 1203'
Production Casing: Set at: 7003'
 Size 7", 23&26# Cemented with 400 sx.
 TOC 4125 , determined by temperature
 Hole Size 8-3/4", TD @ 8920', PB to 7950'

Completion Interval:

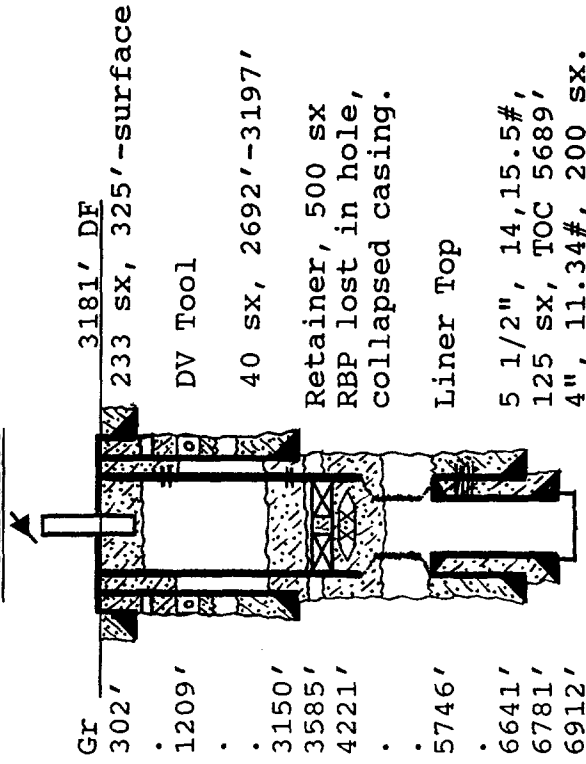
6454' to 6533' : Drinkard Perfs, Open
6041' to 6292' : Tubb Perfs, Open
6734' to 6846' : Abo Perfs, Open
 Estimated Tops: Salt 1295'-2750'
 Queen 3630'
 Tubb 6110'
 Drinkard 6454'
 Abo 6620'
 Fusselman 8730'

Plugged and Abandoned Well Data Sheet

PO-113
(5/91)

OPERATOR: Texaco Exploration & Production Inc. Well: West Dollarhide Drinkard Unit #53
FOOTAGE LOCATION: 2310 FNLx1980 FEL Sec./Twn/Rng: Unit F, Sec 32, T-24-S, R-38-E
Plugged 14-08-83, Collapsed casing and lost RBP. Lea County, New Mexico

SCHEMATIC



TABULAR DATA

<u>Surface Casing:</u>	<u>Set at</u>	<u>302</u>
<u>Size</u> <u>13 3/8, 36#</u>	<u>Cemented with</u>	<u>290 sx.</u>
<u>TOC</u> <u>surface</u>	<u>' determined by</u>	<u>circulation</u>
<u>Hole Size</u> <u>17 1/2"</u>	<u>Comp. Date</u>	<u>11-30-54</u>
<u>Intermediate casing:</u>	<u>Set at</u>	<u>3150'</u>
<u>Size</u> <u>9 5/8, 32, 36#</u>	<u>Cemented with</u>	<u>200+150 sx.</u>
<u>TOC</u> <u>2668, 788</u>	<u>' determined by</u>	<u>calc, 80%</u>
<u>Hole Size</u> <u>12 1/4"</u>	<u>RBP lost at</u>	<u>4221'</u>
<u>Production Casing:</u>	<u>Set at</u>	<u>6641'</u>
<u>Size</u> <u>5 1/2", 17/20#</u>	<u>Cemented with</u>	<u>125 sx.</u>
<u>TOC</u> <u>5689'</u>	<u>' determined by</u>	<u>calculated</u>
<u>Hole size</u> <u>8 3/4", 4", 11.34#</u>	<u>liner @</u>	<u>6781'</u>
<u>Completion Interval(s):</u>		
<u>6155' to 6372'</u>	<u>Perfs: Squeezed, 750 sx</u>	
<u>6478' to 6650'</u>	<u>Perfs: Current Completion</u>	
<u>4050' to 5535'</u>	<u>Perfs:</u>	
	<u>: Bad casing, milled</u>	

*** 325 sx pumped down 8 5/8"- 5 1/2"
annulus to shut off water flow.
(3/74)

Tops:

Salt 1282'-2570'

Queen 3630'

Tubb 6425'

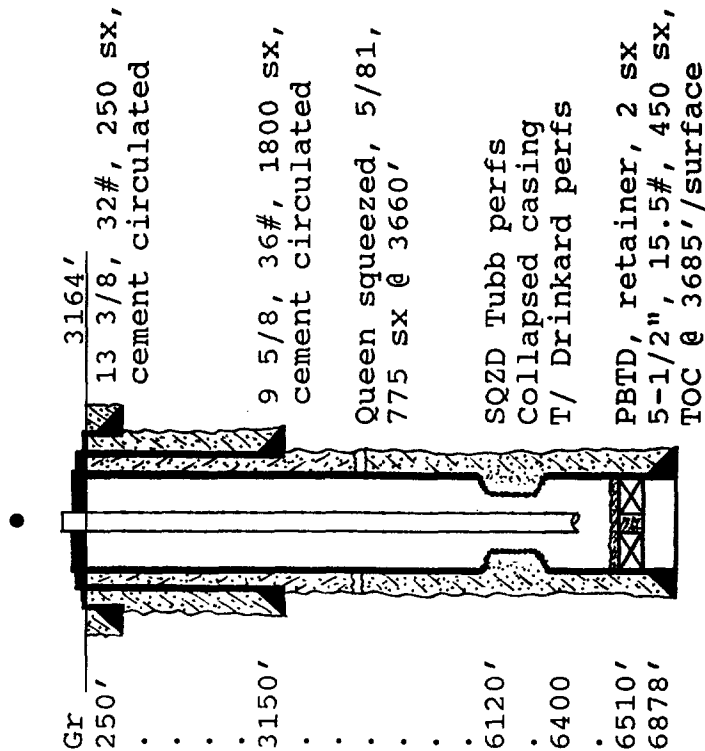
Drinkard 6614'

Abo 6614'

PRODUCING WELL DATA SHEET

OPERATOR: Texaco Exploration & Production Inc. WELL: West Dollarhide Drinkard Unit #62
 FOOTAGE LOCATION: 1980 FSL, 1980 FWL Sec./Twn/Rng: Unit K, Sec. 32, T-24-S, R-38-E
Plug and Abandonment pending due to collapsed casing. Lea County, New Mexico

SCHEMATIC



Estimated Tops:

Salt 1270'-2535'
 Queen 3607
 Tubb 6024'
 Drinkard 6300'
 Abo 6540'

TABULAR DATA

Surface Casing: Set at: 250'
 Size 13 3/8, 36# Cemented with 250 sx.
 TOC surface ' determined by circulated
 Hole Size 18" Comp. Date 9-19-53
Intermediate casing: set at: 3150'
 Size 9 5/8, 36# Cemented with 1800 sx.
 TOC surface ' determined by circulated
 Hole Size 12 1/4"
Production Casing: Set at: 6878'
 Size 5 1/2, 15.5# Cemented with 450 sx.
 TOC 3685/surf. ' determined by circulated
 Hole Size 7 7/8, Queen squeezed 5/81, 775 sx
Completion Interval:
6400' to 6490' through: Perforations
Squeezed Perfs: 6120'-6136', 6540'-6848'

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-101
Revised 1-1-89

OIL CONSERVATION DIVISION

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

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

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

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

API NO. (assigned by OCD on New Wells)

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

B-9613

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work:

DRILL ☒ RE-ENTER ☐ DEEPEN ☐ PLUG BACK ☐

b. Type of Well:

OIL WELL ☐ GAS WELL ☐ OTHER INJECTION WELL ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. Name of Operator

TEXACO EXPLORATION AND PRODUCTION INC.

7. Lease Name or Unit Agreement Name

WEST DOLLARHIDE DRINKARD UNIT

3. Address of Operator

P. O. Box 3109, Midland, Texas 79702

8. Well No.

120

9. Pool name or Wildcat

DOLLARHIDE TUBB DRINKARD

4. Well Location

Unit Letter F : 2190 Feet From The NORTH Line and 2224 Feet From The WEST Line

Section 32

Township 24-SOUTH

Range 38-EAST

NMPM LEA

County

10. Proposed Depth

7745'

11. Formation

DRINKARD

12. Rotary or C.T.

ROTARY

13. Elevations (Show whether DF, RT, GR, etc.)

GR-3170'

14. Kind & Status Plug. Bond

BLANKET

15. Drilling Contractor

TO BE SELECTED

16. Approx. Date Work will start

JANUARY 2, 1992

17.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
20	16	65#	40'	REDI-MIX	SURFACE
14 3/4	11 3/4	42#	1220'	890	SURFACE
11	8 5/8	32#	4200'	1380	SURFACE
7 7/8	5 1/2	15.5# & 17#	7745'	1440	SURFACE

CEMENTING PROGRAM: CONDUCTOR - REDIMIX.

SURFACE CASING - 530 SX CLASS H w/ 2% GEL & 2% CaCl₂ (14.8ppg, 1.36cf/s, 6.4gw/s). F/B 360 SX CLASS H w/ 2% CaCl₂ (15.6ppg, 1.19cf/s, 5.2gw/s).

INTERMEDIATE CASING - 910 SX 35/65 POZ CLASS H w/ 6% GEL, 5% SALT & 1/4# FLOCELE (12.8ppg, 1.87cf/s, 9.9gw/s). F/B 470 SX CLASS H w/ 2% CaCl₂ (15.6ppg, 1.19cf/s, 5.2gw/s).

PRODUCTION CASING - 1st STG: 250 SX 35/65 POZ CLASS H w/ 6% GEL, 5% SALT & 1/4# FLOCELE (12.8ppg, 1.87cf/s, 9.9gw/s). F/B 520 SX CLASS H (15.6ppg, 1.18cf/s, 5.2gw/s).

2nd STG: 620 SX 35/65 POZ CLASS H w/ 6% GEL, 5% SALT & 1/4# FLOCELE (12.8ppg, 1.87cf/s, 9.9gw/s). F/B 50 SX CLASS H (15.6ppg, 1.18cf/s, 5.2gw/s).

SIRGO OPERATES A WELL IN THIS QUARTER QUARTER SECTION AND HAS BEEN FURNISHED A COPY OF THIS APPLICATION.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

SIGNATURE C. P. Basham / cwh

TITLE

DRILLING OPERATIONS MANAGER

DATE

12-10-91

TYPE OR PRINT NAME C. P. BASHAM

PHONE NO. (915) 688-4621

(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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, 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 TEXACO EXPLORATION AND PRODUCTION INC.			Lease WEST DOLLARHIDE DRINKARD UNIT		Well No. 120
Unit Letter F	Section 32	Township 24- SOUTH	Range 38- EAST	County NMPM	LEA
Actual Footage Location of Well: 2190 feet from the NORTH line and 2224 feet from the WEST line					
Ground level Elev. 3170'	Producing Formation (ABO) AND TUBB DRINKARD (DRINKARD)		Pool DOLLARHIDE TUBB DRINKARD	Dedicated Acreage: 40 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or leadline marks on the plat below.

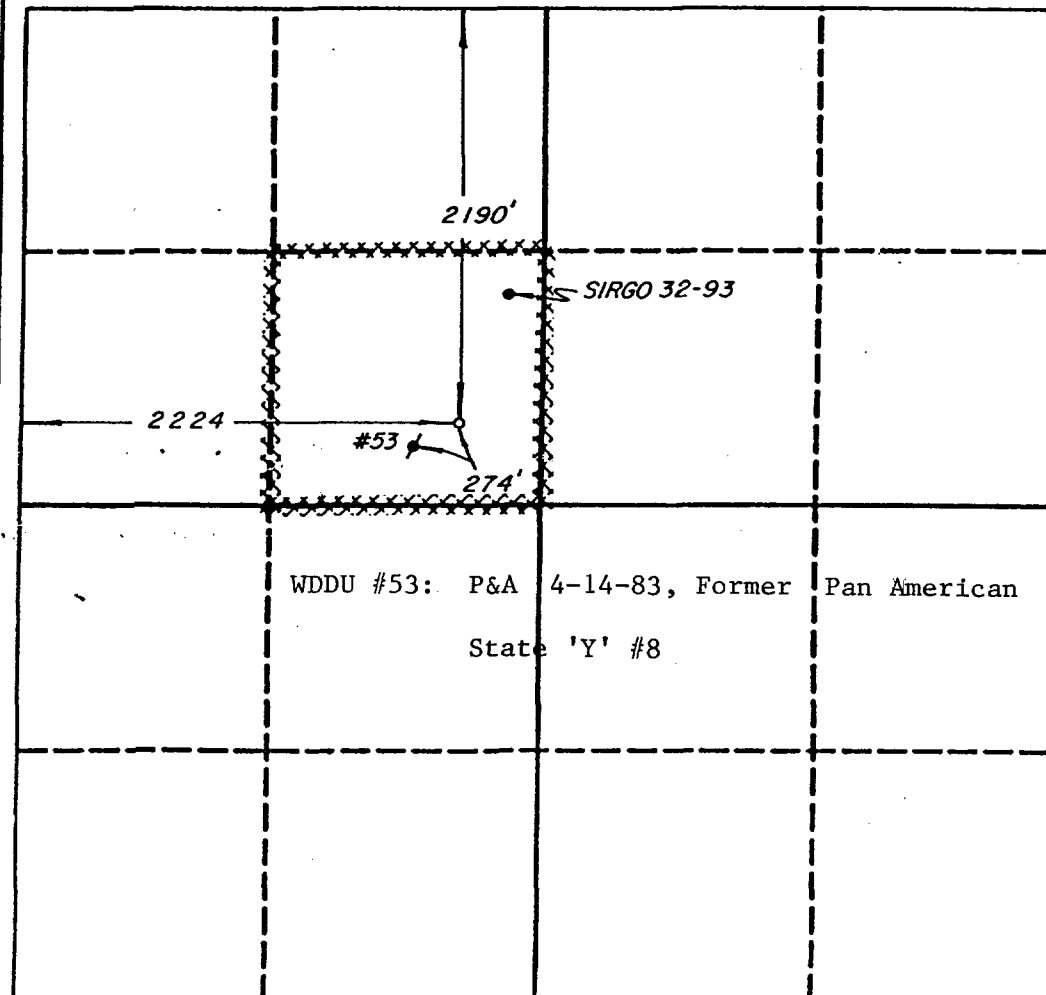
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. 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

R. D. Marriott

Printed Name

R. D. MARIOTT

Position

DIVISION SURVEYOR

Company **TEXACO EXPLORATION & PRODUCTION INC.**

Date

12-9-91

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

DECEMBER 5, 1991

Signature & Seal of
Professional Surveyor

[Signature]

Certificate No.

4882

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

Submit to Appropriate
District Office
State Lease -- 6 copies
Fee Lease -- 5 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-101
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

API NO. (assigned by OCD on New Wells)

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

B-9613

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work:

DRILL ☒

RE-ENTER ☐

DEEPEN ☐

PLUG BACK ☐

b. Type of Well:

OIL
WELL ☐

GAS
WELL ☐

OTHER INJECTION WELL

SINGLE
ZONE ☒

MULTIPLE
ZONE ☐

7. Lease Name or Unit Agreement Name

WEST DOLLARHIDE DRINKARD UNIT

2. Name of Operator

TEXACO EXPLORATION AND PRODUCTION INC.

8. Well No.

121

3. Address of Operator

P. O. Box 3109, Midland, Texas 79702

9. Pool name or Wildcat

DOLLARHIDE TUBB DRINKARD

4. Well Location

Unit Letter E : 2176 Feet From The NORTH Line and 656 Feet From The WEST Line

Section

32

Township

24-SOUTH

Range

38-EAST

NMPM

LEA

County

10. Proposed Depth

7705'

11. Formation

DRINKARD

12. Rotary or C.T.

ROTARY

13. Elevations (Show whether DF, RT, GR, etc.)

GR-3150'

14. Kind & Status Plug. Bond

BLANKET

15. Drilling Contractor

TO BE SELECTED

16. Approx. Date Work will start

JANUARY 2, 1992

17.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
20	16	65#	40'	REDI-MIX	SURFACE
14 3/4	11 3/4	42#	1210'	890	SURFACE
11	8 5/8	32#	4200'	1380	SURFACE
7 7/8	5 1/2	15.5# & 17#	7705'	1440	SURFACE

CEMENTING PROGRAM: CONDUCTOR - REDIMIX.

SURFACE CASING - 530 SX CLASS H w/ 2% GEL & 2% Cacl2 (14.8ppg, 1.36cf/s, 6.4gw/s). F/B 360 SX CLASS H w/ 2% Cacl2 (15.6ppg, 1.19cf/s, 5.2gw/s).

INTERMEDIATE CASING - 910 SX 35/65 POZ CLASS H w/ 6% GEL, 5% SALT & 1/4# FLOCELE (12.8ppg, 1.87cf/s, 9.9gw/s). F/B 470 SX CLASS H w/ 2% Cacl2 (15.6ppg, 1.19cf/s, 5.2gw/s).

PRODUCTION CASING - 1st STG: 250 SX 35/65 POZ CLASS H w/ 6% GEL, 5% SALT & 1/4# FLOCELE (12.8ppg, 1.87cf/s, 9.9gw/s). F/B 520 SX CLASS H (15.6ppg, 1.18cf/s, 5.2gw/s).

DV TOOL @ 4800' - 2nd STG: 620 SX 35/65 POZ CLASS H w/ 6% GEL, 5% SALT & 1/4# FLOCELE (12.8ppg, 1.87cf/s, 9.9gw/s). F/B 50 SX CLASS H (15.6ppg, 1.18cf/s, 5.2gw/s).

SIRGO OPERATES A WELL IN THIS QUARTER QUARTER SECTION AND HAS BEEN FURNISHED A COPY OF THIS APPLICATION.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

SIGNATURE

C. P. Basham/cwh

TITLE

DRILLING OPERATIONS MANAGER

DATE

12-10-91

TYPE OR PRINT NAME C. P. BASHAM

TELEPHONE NO. (915) 688-4621

(This space for State Use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Submit to Appropriate
District Office
Late Lease - 4 copies
Late 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, Artesia, NM 88210

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator TEXACO EXPLORATION AND PRODUCTION UNIT			Lease WEST DOLLARHIDE DRINKARD UNIT		Well No. 121
Unit Letter E	Section 32	Township 24- SOUTH	Range 38- EAST	County NMPM	LEA
Actual Footage Location of Well: 2176' feet from the NORTH line and 656' feet from the WEST line					
Ground level Elev. 3150'	Producing Formation (ABO) AND TUBB DRINKARD (DRINKARD)			Pool DOLLARHIDE TUBB DRINKARD	Dedicated Acreage: 40 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.

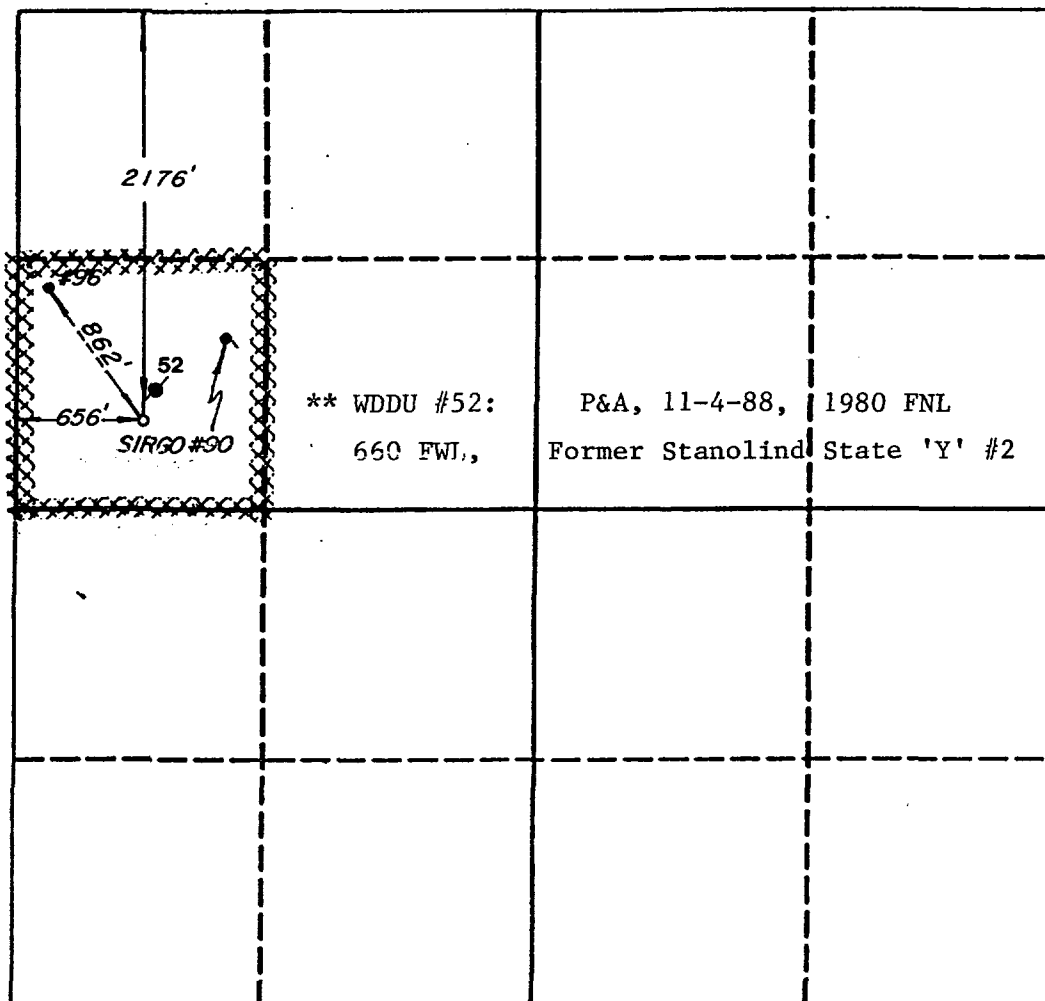
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. 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

R. D. Mariott

Printed Name

R. D. MARIOTT

Position

DIVISION SURVEYOR

Company TEXACO EXPLORATION & PRODUCTION INC.

Date

12-9-91

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

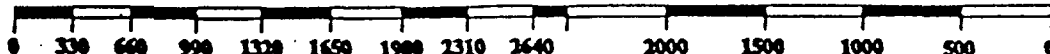
DECEMBER 5, 1991

Signature & Seal of Professional Surveyor

Surveyor's Signature

Certificate No.

4882



Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-101
Revised 1-1-89

OIL CONSERVATION DIVISION

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

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

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

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

API NO. (assigned by OCD on New Wells)

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

B-9613

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work:

DRILL ☒ RE-ENTER ☐ DEEPEN ☐ PLUG BACK ☐

b. Type of Well:

OIL WELL ☐ GAS WELL ☐ OTHER INJECTION WELL ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. Name of Operator

TEXACO EXPLORATION AND PRODUCTION INC.

7. Lease Name or Unit Agreement Name

WEST DOLLARHIDE DRINKARD UNIT

3. Address of Operator

P. O. Box 3109, Midland, Texas 79702

8. Well No.

122

9. Pool name or Wildcat

DOLLARHIDE TUBB DRINKARD

4. Well Location

Unit Letter K : 2055 Feet From The SOUTH Line and 1981 Feet From The WEST Line

Section 32 Township 24-SOUTH Range 38-EAST NMPM LEA County

10. Proposed Depth

7635'

11. Formation

DRINKARD

12. Rotary or C.T.

ROTARY

13. Elevations (Show whether DF, RT, GR, etc.)

GR-3168'

14. Kind & Status Plug. Bond

BLANKET

15. Drilling Contractor

TO BE SELECTED

16. Approx. Date Work will start

JANUARY 2, 1992

17.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
20	16	65#	40'	REDI-MIX	SURFACE
14 3/4	11 3/4	42#	1215'	890	SURFACE
11	8 5/8	32#	4200'	1380	SURFACE
7 7/8	5 1/2	15.5# & 17#	7635'	1440	SURFACE

CEMENTING PROGRAM: CONDUCTOR - REDIMIX.

SURFACE CASING - 530 SX CLASS H w/ 2% GEL & 2% CaCl₂ (14.8ppg, 1.36cf/s, 6.4gw/s). F/B 360 SX CLASS H w/ 2% CaCl₂ (15.6ppg, 1.19cf/s, 5.2gw/s).

INTERMEDIATE CASING - 910 SX 35/65 POZ CLASS H w/ 6% GEL, 5% SALT & 1/4# FLOCELE (12.8ppg, 1.87cf/s, 9.9gw/s). F/B 470 SX CLASS H w/ 2% CaCl₂ (15.6ppg, 1.19cf/s, 5.2gw/s).

PRODUCTION CASING - 1st STG: 250 SX 35/65 POZ CLASS H w/ 6% GEL, 5% SALT & 1/4# FLOCELE (12.8ppg, 1.87cf/s, 9.9gw/s). F/B 520 SX CLASS H (15.6ppg, 1.18cf/s, 5.2gw/s).

DV TOOL @ 4800' - 2nd STG: 620 SX 35/65 POZ CLASS H w/ 6% GEL, 5% SALT & 1/4# FLOCELE (12.8ppg, 1.87cf/s, 9.9gw/s). F/B 50 SX CLASS H (15.6ppg, 1.18cf/s, 5.2gw/s).

SIRGO OPERATES A WELL IN THIS QUARTER QUARTER SECTION AND HAS BEEN FURNISHED A COPY OF THIS APPLICATION.

WELL No. 62 - P&A PENDING.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

SIGNATURE C. P. Basham /cwh TITLE DRILLING OPERATIONS MANAGER DATE 12-10-91

TYPE OR PRINT NAME C. P. BASHAM

TELEPHONE NO. (915) 688-4620

(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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, 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 TEXACO EXPLORATION AND PRODUCTION INC.			Lease WEST DOLLARHIDE DRINKARD UNIT		Well No. 122
Unit Letter K	Section 32	Township 24-SOUTH	Range 38-EAST	County LEA	
Actual Footage Location of Well: 2055' feet from the SOUTH line and 1981' feet from the WEST line					
Ground level Elev. 3168'	Producing Formation (ABO) AND TUBB DRINKARD (DRINKARD)			Pool DOLLARHIDE TUBB DRINKARD	Dedicated Acreage: 40 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or leadless marks on the plat below.

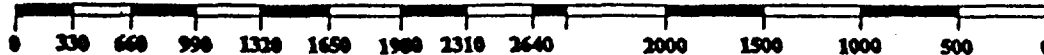
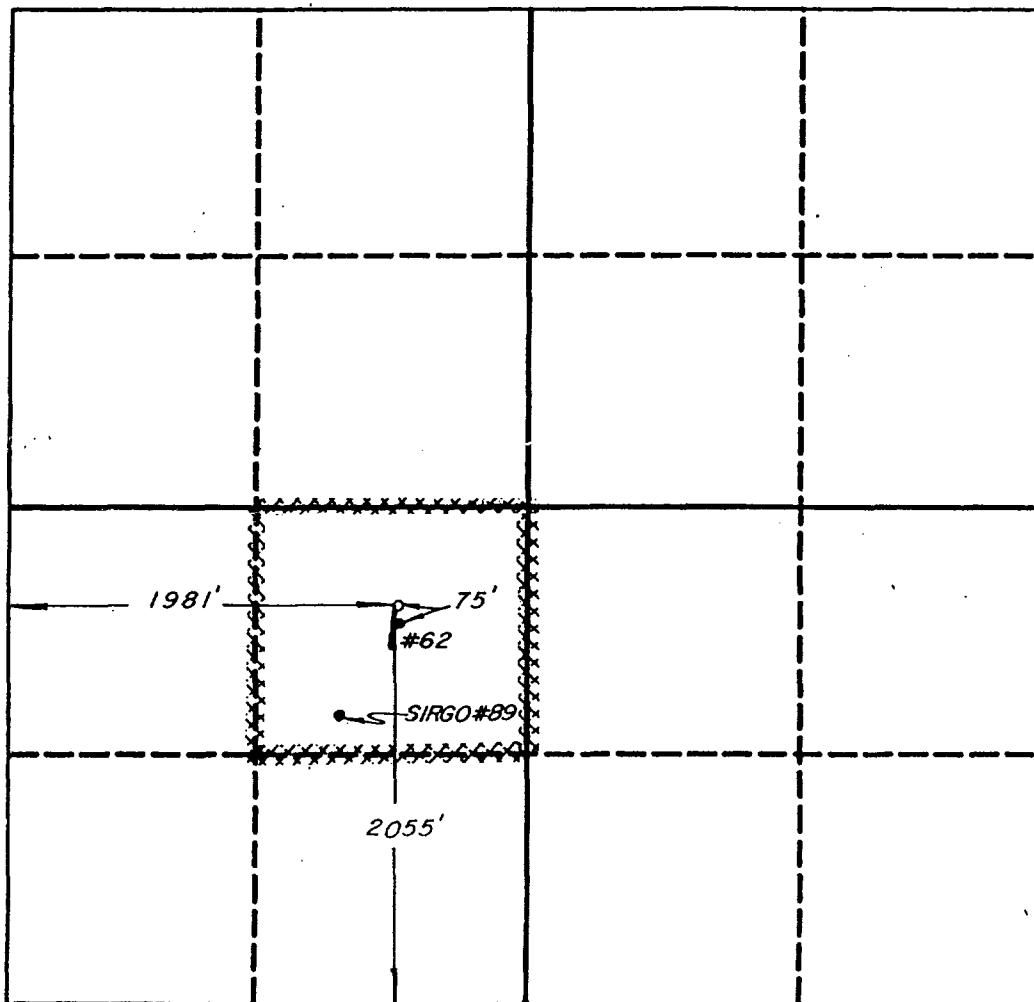
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. 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

R. D. Mariott

Printed Name

R. D. MARIOTT

Position

DIVISION SURVEYOR

Company TEXACO EXPLORATION & PRODUCTION INC.

Date

12-9-91

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

DECEMBER 5, 1991

Signature & Seal of Professional Surveyor

Ed B. Quinn

Certificate No.

4882

WEST DOLLARHIDE DRINKARD UNITLEA COUNTY, NEW MEXICO

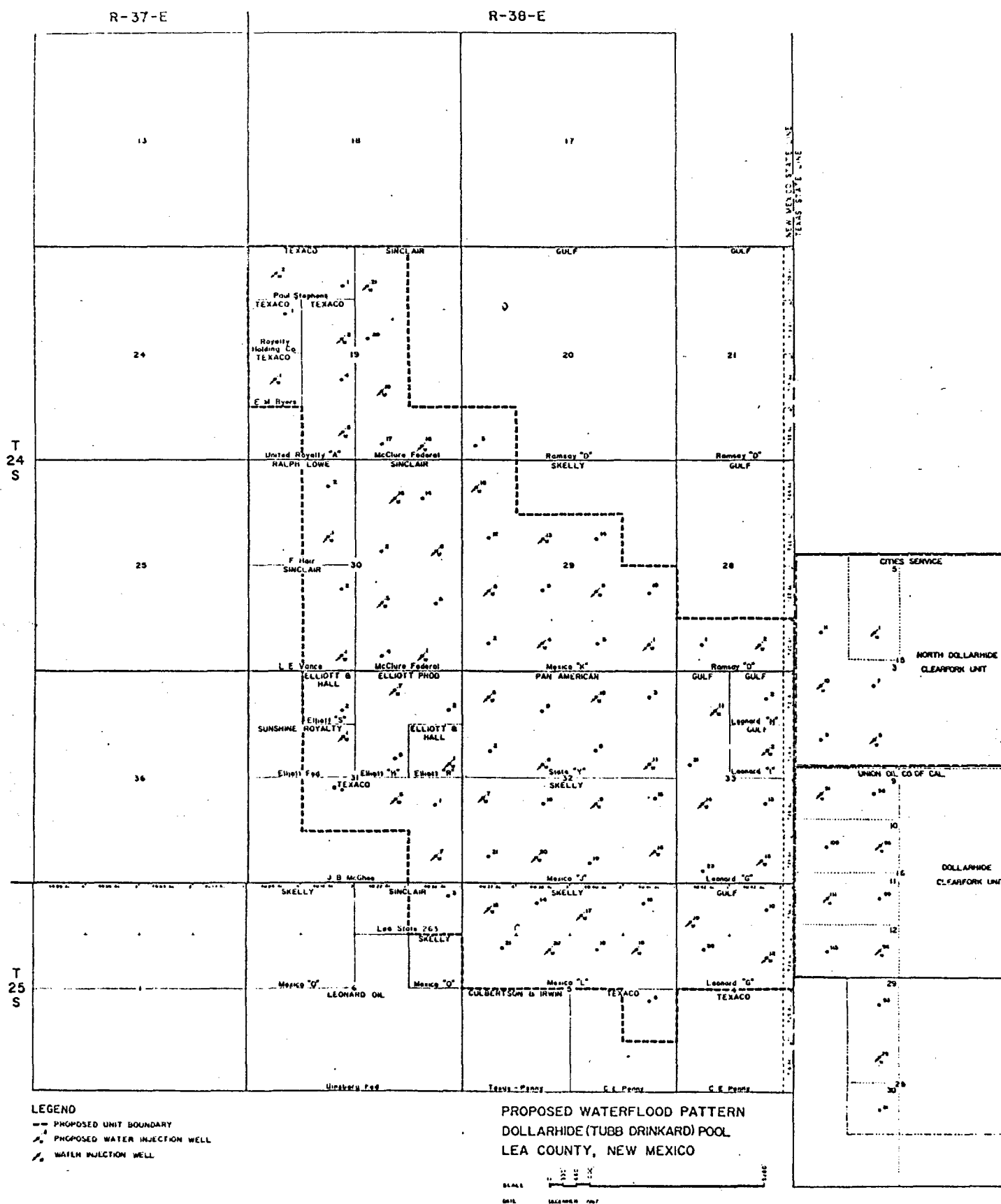
<u>Unit</u> <u>Well No.</u>	<u>Tract</u> <u>Number</u>	<u>Former Operator</u>	<u>Former Lease and Well Number</u>
1	3	Atlantic-Richfield Co.	McClure "B" Well No. 21
2	18	Texaco, Inc.	W. L. Stephens Est. Well No. 1
3	18	Texaco, Inc.	W. L. Stephens Est. Well No. 2
4	19	Texaco, Inc.	Royalty Holding Co. Well No. 1
5	21	Texaco, Inc.	United Royalty "A" Well No. 3
6	3	Atlantic-Richfield Co.	McClure "B" Well No. 20
7	3	Atlantic-Richfield Co.	McClure "B" Well No. 19
8	21	Texaco, Inc.	United Royalty "A" Well No. 4
9	20	Texaco, Inc.	E. M. Byers Well No. 1
10	21	Texaco, Inc.	United Royalty "A" Well No. 5
11	2	Atlantic-Richfield Co.	McClure "A" Well No. 17
12	3	Atlantic-Richfield Co.	McClure "B" Well No. 18
13	11	Gulf Oil Corporation	W. A. Ramsey NCT-D Well No. 3
14	12	Skelly Oil Company	Mexico "K" Well No. 15
15	3	Atlantic-Richfield Co.	McClure "B" Well No. 14
16	2	Atlantic-Richfield Co.	McClure "A" Well No. 16
17	22	Ralph Lowe	F. Hair Well No. 2
18	22	Ralph Lowe	F. Hair Well No. 1
19	2	Atlantic-Richfield Co.	McClure "A" Well No. 2
20	2	Atlantic-Richfield Co.	McClure "A" Well No. 8
21	12	Skelly Oil Company	Mexico "K" Well No. 12
22	12	Skelly Oil Company	Mexico "K" Well No. 13
23	12	Skelly Oil Company	Mexico "K" Well No. 14
24	12	Skelly Oil Company	Mexico "K" Well No. 10
25	12	Skelly Oil Company	Mexico "K" Well No. 9
26	12	Skelly Oil Company	Mexico "K" Well No. 8
27	12	Skelly Oil Company	Mexico "K" Well No. 6
28	2	Atlantic-Richfield Co.	McClure "A" Well No. 6
29	2	Atlantic-Richfield Co.	McClure "A" Well No. 5
30	23	Atlantic-Richfield Co.	L. E. Vance Well No. 2
31	23	Atlantic-Richfield Co.	L. E. Vance Well No. 1
32	2	Atlantic-Richfield Co.	McClure "A" Well No. 4
33	2	Atlantic-Richfield Co.	McClure "A" Well No. 1
34	12	Skelly Oil Company	Mexico "K" Well No. 2
35	12	Skelly Oil Company	Mexico "K" Well No. 4
36	12	Skelly Oil Company	Mexico "K" Well No. 5
37	12	Skelly Oil Company	Mexico "K" Well No. 1
38	11	Gulf Oil Corporation	W. A. Ramsey NCT-D Well No. 1
39	10	Gulf Oil Corporation	W. A. Ramsey NCT-D Well No. 2
40	8	Gulf Oil Corporation	H. Leonard NCT-H Well No. 2
41	14	Gulf Oil Corporation	H. Leonard NCT-G Well No. 11
42	13	Pan American	State "Y" Well No. 3
43	13	Pan American	State "Y" Well No. 10
44	13	Pan American	State "Y" Well No. 9
45	13	Pan American	State "Y" Well No. 6
46	5	Elliott Production Co.	Elliott Fed. "H" Well No. 2
47	5	Elliott Production Co.	Elliott Fed. "H" Well No. 7
48	7	Elliott Production Co.	Elliott "S" Well No. 2

<u>Unit Well No.</u>	<u>Tract Number</u>	<u>Former Operator</u>	<u>Former Lease and Well Number</u>
49	4	Sunshine Royalty Co.	Elliott Fed. Well No. 1
50	5	Elliott Production Co.	Elliott Fed. "H" Well No. 6
51	6	Elliott Production Co.	Elliott "R" Well No. 1
52	13	Pan American	State "Y" Well No. 2
53	13	Pan American	State "Y" Well No. 8
54	13	Pan American	State "Y" Well No. 5
55	13	Pan American	State "Y" Well No. 11
56	14	Gulf Oil Corporation	H. Leonard NCT-G Well No. 21
57	9	Gulf Oil Corporation	H. Leonard NCT-I Well No. 2
58	14	Gulf Oil Corporation	H. Leonard NCT-G Well No. 13
59	14	Gulf Oil Corporation	H. Leonard NCT-G Well No. 14
60	15	Skelly Oil Company	Mexico "J" Well No. 15
61	15	Skelly Oil Company	Mexico "J" Well No. 9
62	15	Skelly Oil Company	Mexico "J" Well No. 10
63	15	Skelly Oil Company	Mexico "J" Well No. 7
64	25	Texaco, Inc.	J. B. McGhee Well No. 1
65	25	Texaco, Inc.	J. B. McGhee Well No. 6
66	24	Texaco, Inc.	J. B. McGhee Well No. 8
67	25	Texaco, Inc.	J. B. McGhee Well No. 7
68	15	Skelly Oil Company	Mexico "J" Well No. 21
69	15	Skelly Oil Company	Mexico "J" Well No. 20
70	15	Skelly Oil Company	Mexico "J" Well No. 19
71	15	Skelly Oil Company	Mexico "J" Well No. 16
72	14	Gulf Oil Corporation	H. Leonard NCT-G Well No. 23
73	14	Gulf Oil Corporation	H. Leonard NCT-G Well No. 15
74	14	Gulf Oil Corporation	H. Leonard NCT-G Well No. 10
75	14	Gulf Oil Corporation	H. Leonard NCT-G Well No. 19
76	16	Skelly Oil Company	Mexico "L" Well No. 16
77	16	Skelly Oil Company	Mexico "L" Well No. 17
78	16	Skelly Oil Company	Mexico "L" Well No. 14
79	16	Skelly Oil Company	Mexico "L" Well No. 15
80	17	Atlantic-Richfield Co.	Lea State 263 Well No. 3
81	16	Skelly Oil Company	Mexico "L" Well No. 21
82	16	Skelly Oil Company	Mexico "L" Well No. 20
83	16	Skelly Oil Company	Mexico "L" Well No. 19
84	16	Skelly Oil Company	Mexico "L" Well No. 18
85	14	Gulf Oil Corporation	H. Leonard NCT-G Well No. 20
86	14	Gulf Oil Corporation	H. Leonard NCT-G Well No. 12
87	1	Texaco, Inc.	C. E. Penney Well No. 6
88	16	Getty Oil (Skelly)	Mexico "L" #23
89	2	Getty Oil (Skelly)	Mexico "J" #23
90	5	HNG Oil	Elliot Fed 31 #4
91	6	HNG Oil	Elliot Fed 31 #3
92-96		Infill Drilled between July, 1986 and June, 1989	
97-108		Infill Drilled between July, 1990 and March, 1991	

Attached is a plat which shows the development of the West Dollarhide Drinkard Pool and the proposed Unit boundary. The proposed injection wells are indicated on this plat and are tabulated below:

COMPANY	LEASE	WELL #	LOCATION	
			UNIT	SEC-T-R
Texaco, Inc.	Paul Stephens	2	D	19-24-38
Texaco, Inc.	E. M. Byers	1	L	19-24-38
Texaco, Inc.	United Royalty "A"	3	F	19-24-38
Texaco, Inc.	United Royalty "A"	5	N	19-24-38
Sinclair Oil & Gas Company	McClure Fed.	21	B	19-24-38
Sinclair Oil & Gas Company	McClure Fed.	19	J	19-24-38
Sinclair Oil & Gas Company	McClure Fed.	18	P	19-24-38
Ralph Lowe	F. Hair	1	F	30-24-38
Sinclair Oil & Gas Company	L. E. Vance	1	N	30-24-38
Sinclair Oil & Gas Company	McClure Fed.	1	P	30-24-38
Sinclair Oil & Gas Company	McClure Fed.	5	J	30-24-38
Sinclair Oil & Gas Company	McClure Fed.	8	H	30-24-38
Sinclair Oil & Gas Company	McClure Fed.	16	B	30-24-38
Skelly Oil Company	Mexico "K"	1	P	29-24-38
Skelly Oil Company	Mexico "K"	4	N	29-24-38
Skelly Oil Company	Mexico "K"	6	L	29-24-38
Skelly Oil Company	Mexico "K"	9	J	29-24-38
Skelly Oil Company	Mexico "K"	13	F	29-24-38
Skelly Oil Company	Mexico "K"	15	D	29-24-38
* Gulf Oil Corporation	Ramsay "D"	2	N	28-24-38
* Gulf Oil Corporation	Leonard "I"	2	F	33-24-38
Gulf Oil Corporation	Leonard "G"	11	D	33-24-38
Gulf Oil Corporation	Leonard "G"	14	L	33-24-38
* Gulf Oil Corporation	Leonard "G"	15	N	33-24-38
Skelly Oil Company	Mexico "J"	7	L	32-24-38
Skelly Oil Company	Mexico "J"	9	J	32-24-38
Skelly Oil Company	Mexico "J"	16	P	32-24-38
Skelly Oil Company	Mexico "J"	20	N	32-24-38
Pan American	State "Y"	11	H	32-24-38
Pan American	State "Y"	8	F	32-24-38
Pan American	State "Y"	10	B	32-24-38
Pan American	State "Y"	6	D	32-24-38
Texaco, Inc.	J. B. McGhee	6	J	31-24-38
Texaco, Inc.	J. B. McGhee	7	P	31-24-38
Elliott Production	Elliott "H"	7	B	31-24-38
Elliott and Hall	Elliott "R"	1	H	31-24-38
Sunshine Royalty	Elliott Fed.	1	F	31-24-38
Skelly Oil Company	Mexico "L"	15	D	5-25-38
Skelly Oil Company	Mexico "L"	17	B	5-25-38
Skelly Oil Company	Mexico "L"	18	H	5-25-38
Skelly Oil Company	Mexico "L"	20	F	5-25-38
* Gulf Oil Corporation	Leonard "G"	12	F	4-25-38
Gulf Oil Corporation	Leonard "G"	19	D	4-25-38

*Conversion of these four wells will be temporarily delayed until lease line agreements are made.



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Street and No.	P.O. Box 1150	
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Postage	\$.75
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Restricted Delivery Fee		
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P.O., State and ZIP Code	Jal, NM 88252	
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TOTAL Postage and Fees	\$	2.75
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AFFIDAVIT OF PUBLICATION

State of New Mexico,
County of Lea.

I, Kathi Bearden

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

of _____

One weeks.
Beginning with the issue dated

Mar. 11, 1992
and ending with the issue dated

Mar. 11, 1992

Kathi Bearden
General Manager

Sworn and subscribed to before

me this 11 day of

March, 1992

Paula Pannin
Notary Public

My Commission expires _____

Aug. 5, 1995
(Seal)

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

LEGAL NOTICE
March 11, 1992
Notice is hereby given of the application of Texaco Exploration and Production Inc. Attention: Terry L. Frazier, Area Manager, P.O. Box 730, Hobbs, New Mexico, 88240, Telephone (505) 393-7191, to the New Mexico Oil Conservation Commission, Energy and Minerals Department, for approval of the following injection wells to be drilled for the purpose of secondary oil recovery:
Lease/Unit Name: West Dollarhide Drinkard Unit
Well Number(s) and Location(s):
120- Unit Letter F, 2190 FNL & 2224 FWL, Section 32, T24S, R38E
120- Unit Letter E, 2176 FNL & 656 FWL, Section 32, T24S, R38E
120- Unit Letter K, 2055 FSL & 1981 FWL, Section 32, T24S, R38E
The injection formation is Dollarhide/Tubb Drinkard at a depth of 6500 feet below the surface of the ground. Expected maximum injection rate is 1000 barrels per day, and expected maximum injection pressure is 1700 pounds per square inch. Interested parties must file objections or requests for hearing with the Oil Conservation Division, P.O. Box 2088, Santa Fe, New Mexico, 87501, within fifteen (15) days of this publication.