



TEXACO DIVISION
HOBBBS

DEC 19 1991

December 19, 1991

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
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 four wells designated in this application are producing wells that 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.

Texaco E&P Inc. respectfully requests that the West Dollarhide Drinkard Unit Waterflood Project covered by R-3768, WFX #608 be expanded to include the conversion of the four subject wells. Administration approval is requested so that the necessary operations can be advanced in a prudent manner.

Yours very truly,

James A. Head
Hobbs Area Manager

JAH: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, New Mexico 88240
Contact party: James A. Head, 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
If yes, give the Division order number authorizing the project R-3768, WFX-608.
- 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: James A. Head Title Area Manager
Signature: J. A. Head Date: 12-19-91
- * 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, 1969, Expansion Application, May 5, 1991

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.

12-19-91

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

#68 - Unit Letter M, 660 FWL & 660 FSL, Section 32, T24S, R38E
#83 - Unit Letter G, 1656 FNL & 1980 FEL, Section 5, T25S, R38E
#88 - Unit Letter A, 667 FNL & 500 FEL, Section 5, T25S, R38E
#89 - Unit Letter O, 660 FSL & 1830 FEL, Section 32, T24S, R38E

III. All pertinent well data is included on the well schematic sheets. Wells #88 and #89 are recompletions of deeper Fusselman wells so there is a about a 1000' dead zone between the perfs and the next deeper bridge plug. When the 1992 infill wells are drilled, they will test the deeper Abo formation to a planned TD of approximately 7500'. Additional Abo pay may be perfered in the subject wells for injection support. A CIBP will be placed near the lowest Abo perfs at that time.

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 last waterflood expansion application (WFX-608).

No wells have been drilled into or through the unitized interval after the infill well WDDU #108 well was drilled. The unitized interval in WDDU #70 will be plugged in January; see attached proposed abandonment schematic. This will be done before the adjacent well WDDU #89 is converted. #89 is planned as a 1993 conversion but is included in this application in case problems are encountered with one of the other proposed conversions.

Texaco operated Mexico L #1, #2 and #3 will be temporarily abandoned by having the Fusselman zones plugged off. At the concurrence of Mr. Jerry Sexton of the NMOCD, they will be held for spare injection wellbores for the West Dollarhide Drinkard Unit, assuming the casing passes mechanical integrity tests.

A map showing the locations of the pending 1992 infill wells is also included. Most of the conversion work will be started in the first 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 February of 1992. WDDU #62 will be plugged due to collapsed casing, in the first quarter of 1992. It will be replaced by #122 which will be the last well drilled, sometime around July of 1992.

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

To date the following West Dollarhide Drinkard Unit wells have been plugged and abandoned:

T-24-S, R-38-E

Section 19:	WDDU #s	8 and 9
Section 28:	WDDU #	39
Section 29:	WDDU #s	22, 23 and 34
Section 30:	WDDU #s	18 and 33
Section 31:	WDDU #s	49
Section 32:	WDDU #s	44, 52, 53, 54 and 55
Section 33:	WDDU #	41

T-25-S, R-38-E

Section 04:	WDDU #	85
Section 05:	WDDU #	76 and 78

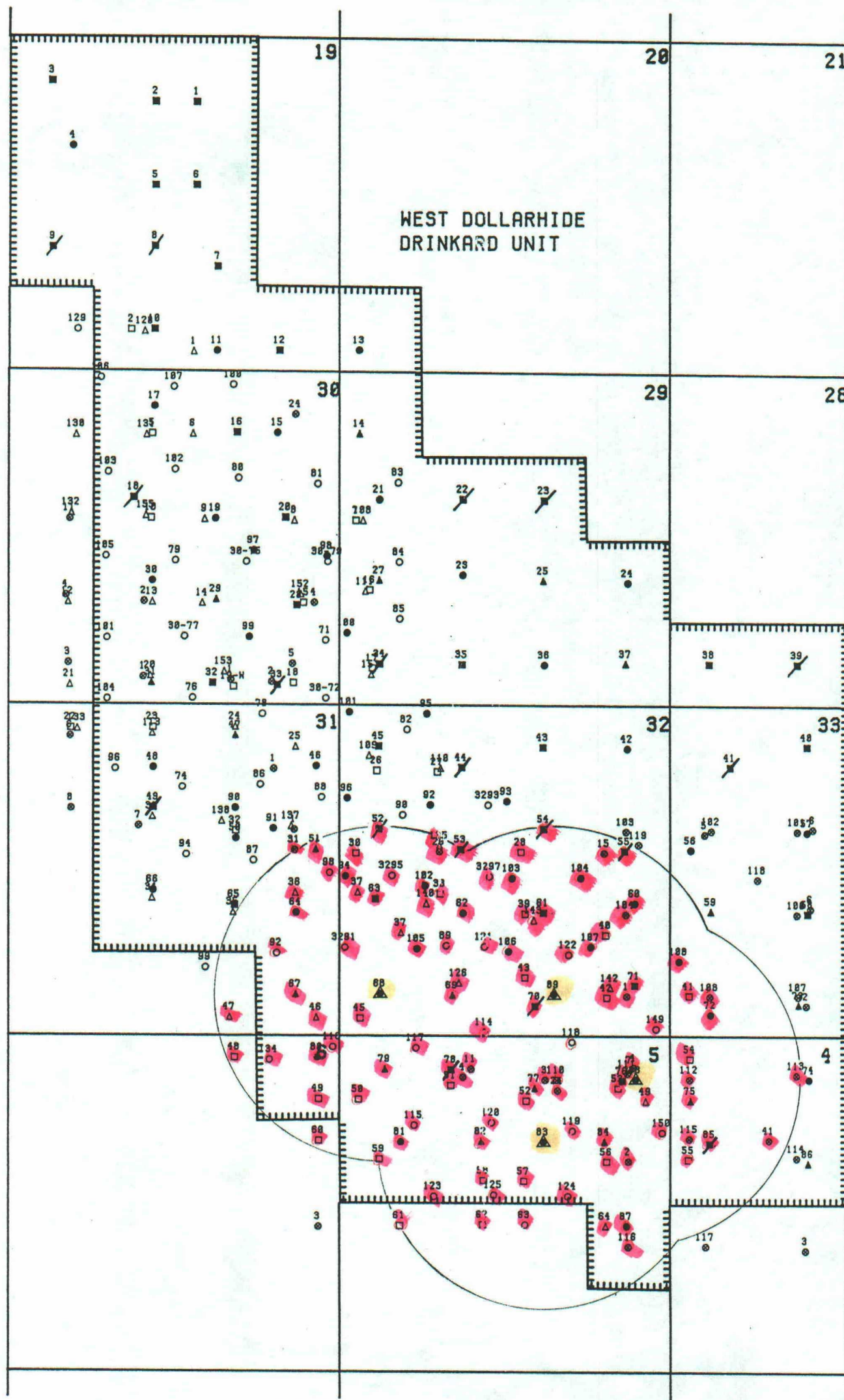
As part of the 1992 infill drilling package, WDDU #62 and #70 will be plugged out of the unitized interval. Assuming the casing in these wells is intact, they will be evaluated for future recompletions in shallower zones. Schematics for #70 are attached since the intent to abandon has been approved.

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 sealers 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.

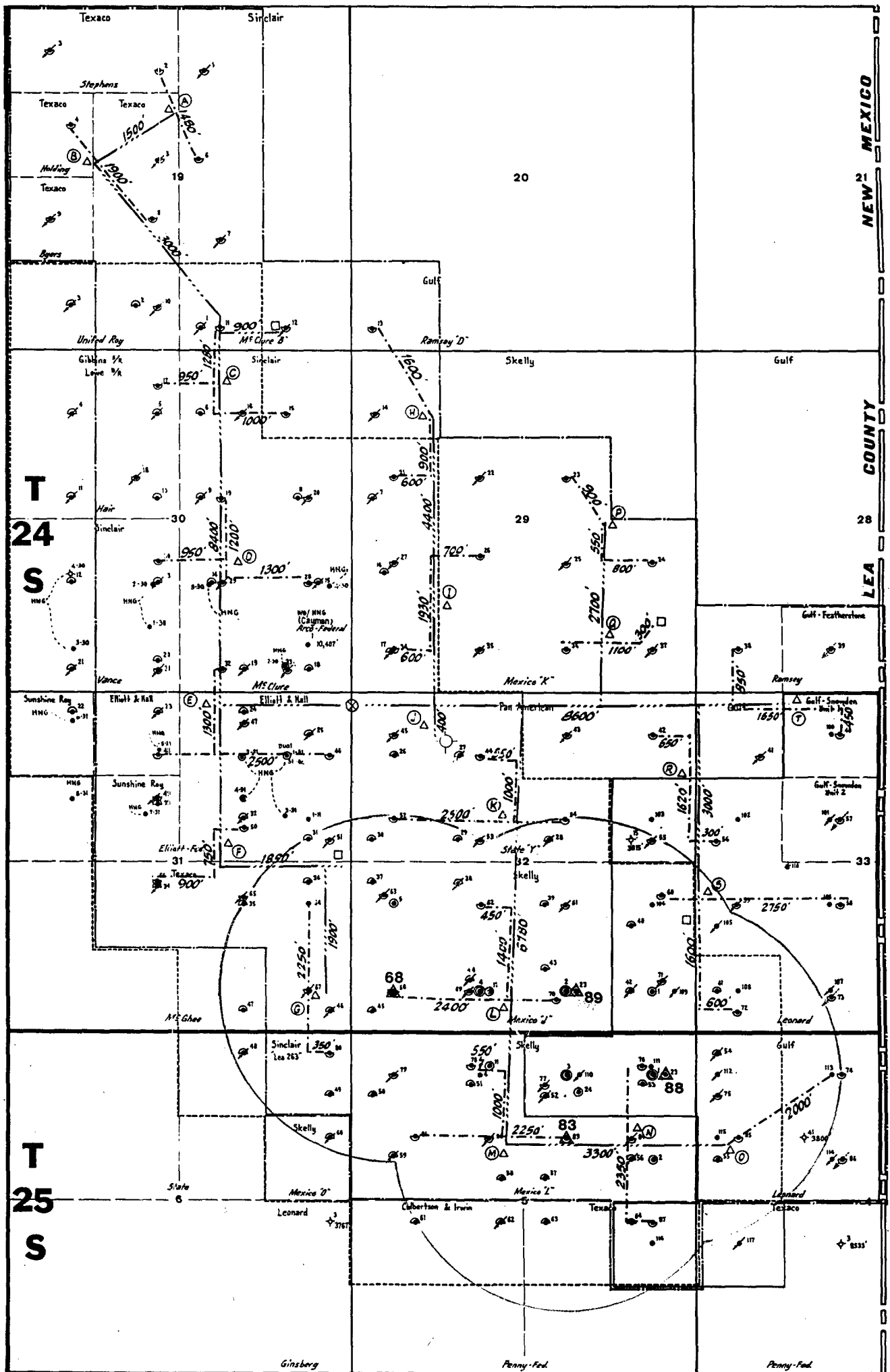


WEST DOLLARHIDE
DRINKARD UNIT

LEGEND

- QUEEN PRODUCER
- △ QUEEN INJECTOR
- QUEEN INAC/P&A
- 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		
Scale 1"=2000'	C. E. SICKLER	6-1971-81



R 38 E

TEXACO INC.

Hobbs Area

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

LEGEND

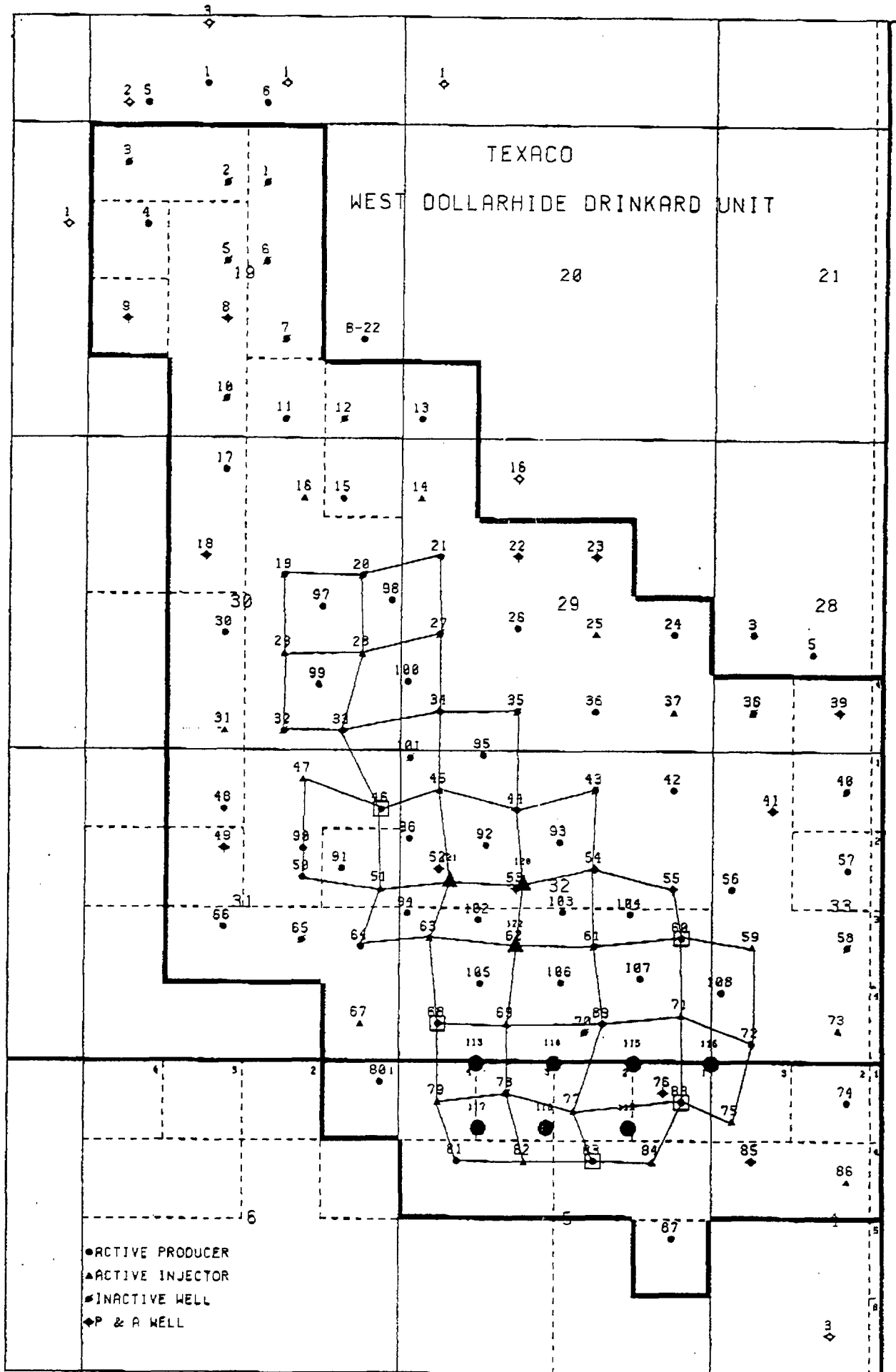
- QUEEN UNIT
- DRINKARD UNIT
- DEVONIAN UNIT
- QUEEN
- DRINKARD
- DEVONIAN
- FUSSELMAN
- ELLENBURGER
- ▲ WATER INJECTION WELL
- ▲ PROPOSED WATER INJECTION WELL

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

R 38 E

T 24 S

T 25 S



● ACTIVE PRODUCER
▲ ACTIVE INJECTOR
◆ INACTIVE WELL
◆ P & A WELL

● PROPOSED PRODUCER (1992)
▲ PROPOSED INJECTOR (1992)
□ PROPOSED CONVERSION (1992)

FEET 0 1000 2000 3000 4000 5000 FEET
STATUTE MILES 0 .1 .2 .3 .4 .5 .6 .7 .8 .9 1.0 STATUTE MILES

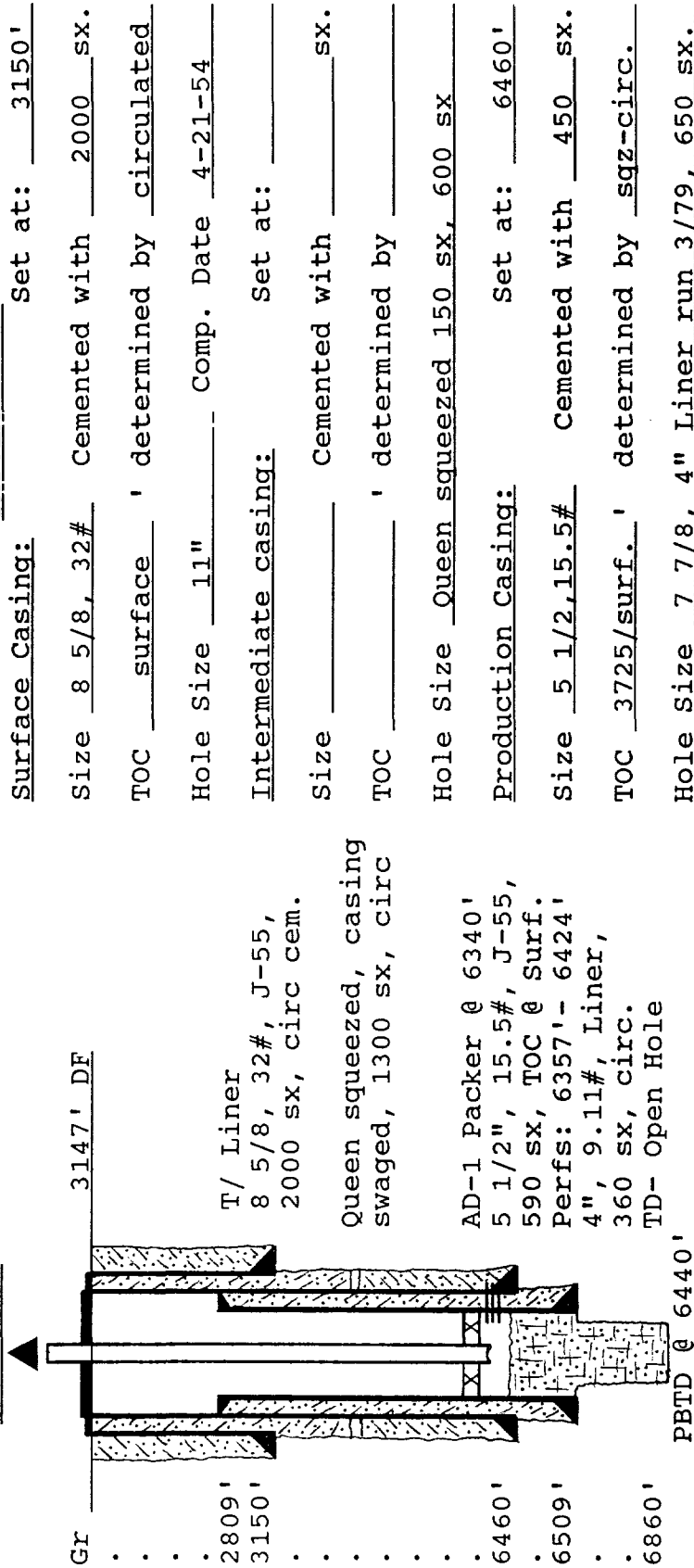
TEXACO		
MIDLAND	TEXAS	U.S.A.
WEST DOLLARHIDE DRINKARD UNIT		
LEA COUNTY, NEW MEXICO		
PROPOSED 1992		
DRILLING AND CONVERSION PROGRAM		
J. F. GLOPP		
28-OCT-91		

OPERATOR: Texaco Exploration & Production Inc. **LEASE:** West Dollarhide Drinkard Unit

WELL NO.: 68 **FOOTAGE LOCATION:** 660 FSL, 660 FWL **SEC./TWN/RNG:** M, 32, T24S, R38E

Proposed conversion of former Mexico J #21 to injection. Lea County, New Mexico

T21BULAR DATA



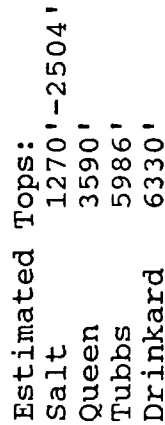
Estimated Tops:

Salt	1235'-2447'
Queen	3560'
Tubbs	5950'
Drinkard	6287'

Injection Interval:

6357' to 6424' through: Perforations
Tubing: 2 3/8", 4.7#, J-55, IPC, 2000# WP

SCHMATIC

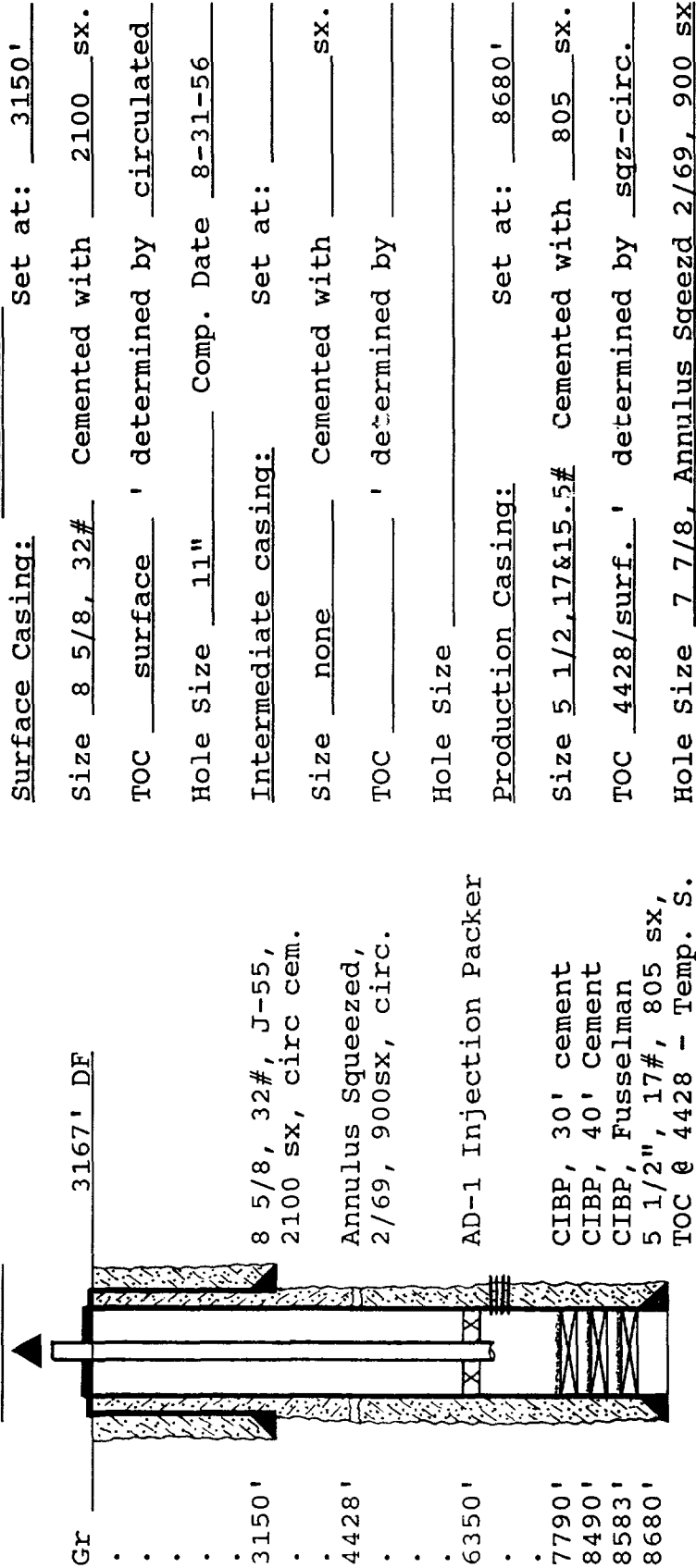


Surface Casing: Set at: 3150'
 Size 8 5/8, 32# Cemented with 2000 sx.
 TOC surface ' determined by circulated
 Hole Size 11" Comp. Date 5-18-54
Intermediate casing: Set at: _____
 Size none Cemented with _____sx.
 TOC _____ ' determined by _____
 Hole Size Queen squeezed with 650 sx, circ.
Production Casing: Set at: 6385'
 Size 5 1/2, 15.5# Cemented with 450 sx.
 TOC 3877/surf. ' determined by sqz-circ.
 Hole Size 7 7/8, 4" Liner run 11/73, 650 sx.
 4" Tie-back liner run 11/75, 250 sx
Injection Interval:
 6450 ' to 6587 ' through: perforations
 Tubing: 2 3/8", 4.7#, J-55, IPC, 2000# WP

INJECTION WELL DATA SHEET

OPERATOR: Texaco Exploration & Production Inc. LEASE: West Dollarhide Drinkard Unit
WELL NO.: 88 FOOTAGE LOCATION: 667 FNL, 500 FEL Sec./Twn/Rng: A, 5, T25S, R38E
Proposed conversion of former Mexico L # 23 to injection. Lea County, New Mexico

SCHEMATIC



TABULAR DATA

Surface Casing: Set at: 3150'

Size 8 5/8, 32# Cemented with 2100 sx.

TOC surface determined by circulated

Hole Size 11" Comp. Date 8-31-56

Intermediate casing: Set at:

Size none Cemented with sx.

TOC determined by

Hole Size

Production Casing: Set at: 8680'

Size 5 1/2, 17&15.5# Cemented with 805 sx.

TOC 4428/surf. determined by sqz-circ.

Hole Size 7 7/8, Annulus Squeezed 2/69, 900 sx

Injection Interval:

6397' to 6665' through: Perforations

Tubing: 2 3/8", 4.7#, J-55, IPC, 2000# WP

Estimated Tops:

Salt 1230'-2481'

Queen 3590'

Tubbs 5990'

Drinkard 6325'

Abo 6531'

INJECTION WELL DATA SHEET

OPERATOR: Texaco Exploration & Production Inc Well: West Dollarhide Drinkard Unit #89

FOOTAGE LOCATION: 1830 FELX 660 FSL Sec./Twn/Rng: Unit O, Sec 32, T-24-S, R-38-E

Proposed conversion of former Mexico J #23 to injection. Laas County, New Mexico

SCHEMATIC

Surface Casing: Set at 3150'

Size 8 5/8, 32# Cemented with 2000 sx.

TOC surface ' determined by circulation

Hole Size 11" Comp. Date 7-27-54

Intermediate casing: Set at

Size NONE Cemented with sx.

TOC ' determined by

Hole Size

Production Casing: Set at 8680'

Size 5 1/2", 17/14# Cemented with 810 sx.

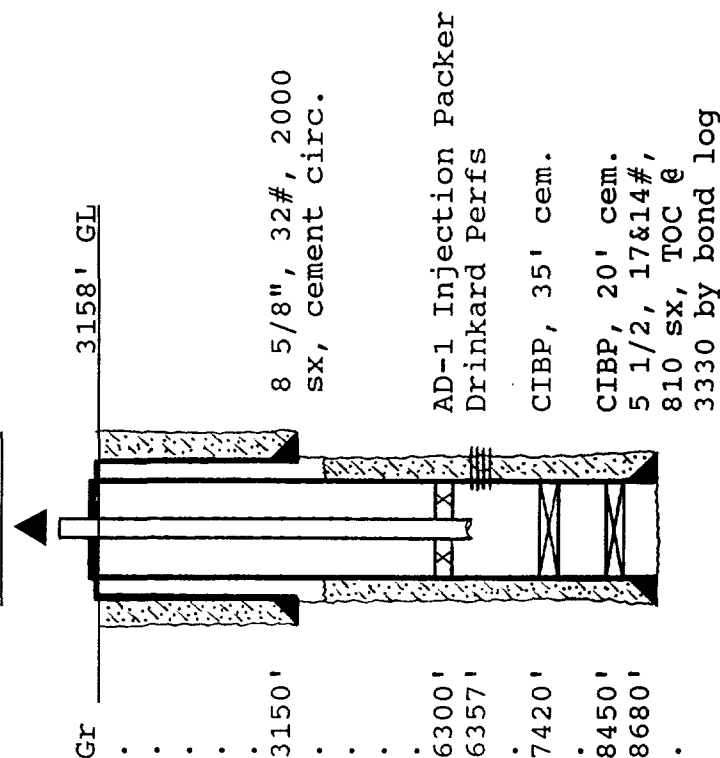
TOC 3330 ' determined by Bond log

Hole Size 7 3/4"

Injection Interval: 6357' to 6490'

7400' through: Perforations

Tubing: 2 3/8", 4.7#, J-55, IPC, 2000# WP



Tops:

Salt 1251'-2493'

Queen 3585'

Tubbs 5970'

Drinkard 6306'

Abo 6504'

DOLLARHIDE TUBB-DRINKARD POOL
(Skelly West Dollarhide Drinkard Waterflood)
Lea County, New Mexico

Order No. R-3768, Authorizing Skelly Oil Company to Institute a Waterflood Project in the West Dollarhide Drinkard Unit Area in the Dollarhide Tubb-Drinkard Pool, Lea County, New Mexico, May 28, 1969.

Application of Skelly Oil Company for a Waterflood Project, Lea County, New Mexico.

CASE NO. 4134
Order No. R-3768

ORDER OF THE COMMISSION

BY THE COMMISSION: This cause came on for hearing at 9 a.m. on May 21, 1969, at Santa Fe, New Mexico, before Examiner Elvis A. Utz.

NOW, on this 28th day of May, 1969, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That the applicant, Skelly Oil Company, seeks permission to institute a waterflood project in the West Dollarhide Drinkard Unit Area, Dollarhide Tubb-Drinkard Pool, by the injection of water into the Tubb-Drinkard formation through 43 injection wells in Townships 24 and 25 South, Range 38 East, NMPM, Lea County, New Mexico.

(3) That the applicant further seeks an administrative procedure whereby said project could be expanded to include additional lands and injection wells in the area of the said project as may be necessary in order to complete an efficient injection pattern; that said administrative procedure should provide for administrative approval for conversion to water injection in exception to the well response requirements of Rule 701 E-5 of the Commission Rules and Regulations.

(4) That the wells in the project area are in an advanced state of depletion and should properly be classified as "stripper" wells.

(5) That the proposed waterflood project should result in the recovery of otherwise unrecoverable oil, thereby preventing waste.

(6) That the subject application should be approved and the project should be governed by the provisions of Rules 701,

702, and 703 of the Commission Rules and Regulations; provided however, that the showing of well response as required by Rule 701 E-5 shall not be necessary before obtaining administrative approval for the conversion of additional wells to water injection.

IT IS THEREFORE ORDERED:

(1) That the applicant, Skelly Oil Company, is hereby authorized to institute a waterflood project in the West Dollarhide Drinkard Unit Area, Dollarhide Tubb-Drinkard Pool, by the injection of water into the Tubb-Drinkard formation through the following-described 43 wells in Lea County, New Mexico:

COMPANY	LEASE	Well No.	Unit	Sec.	LOCATION T - R
Texaco Inc.	Paul Stephens	2	D	19	24S 38E
Texaco Inc.	E. M. Byers	1	L	19	24S 38E
Texaco Inc.	United Royalty "A"	3	F	19	24S 38E
Texaco Inc.	United Royalty "A"	5	N	19	24S 38E
Sinclair Oil & Gas Co.	McClure Fed.	21	B	19	24S 38E
Sinclair Oil & Gas Co.	McClure Fed.	19	J	19	24S 38E
Sinclair Oil & Gas Co.	McClure Fed.	18	P	19	24S 38E
Gulf Oil Corporation	Ramsey "D"	2	N	28	24S 38E
Skelly Oil Company	Mexico "K"	1	P	29	24S 38E
Skelly Oil Company	Mexico "K"	4	N	29	24S 38E
Skelly Oil Company	Mexico "K"	6	L	29	24S 38E
Skelly Oil Company	Mexico "K"	9	J	29	24S 38E
Skelly Oil Company	Mexico "K"	13	F	29	24S 38E
Skelly Oil Company	Mexico "K"	15	D	29	24S 38E
Ralph Lowe	F. Hair	1	F	30	24S 38E
Sinclair Oil & Gas Co.	L. E. Vance	1	N	30	24S 38E
Sinclair Oil & Gas Co.	McClure Fed.	1	P	30	24S 38E
Sinclair Oil & Gas Co.	McClure Fed.	5	J	30	24S 38E
Sinclair Oil & Gas Co.	McClure Fed.	8	H	30	24S 38E
Sinclair Oil & Gas Co.	McClure Fed.	16	B	30	24S 38E
Texaco Inc.	J. B. McGhee	6	J	31	24S 38E
Texaco Inc.	J. B. McGhee	7	P	31	24S 38E
Elliott Production	Elliott "H"	7	B	31	24S 38E
Elliott and Hall	Elliott "R"	1	H	31	24S 38E
Sunshine Royalty	Elliott Fed.	1	F	31	24S 38E
Skelly Oil Company	Mexico "J"	7	L	32	24S 38E

(DOLLARHIDE TUBB-DRINKARD (SKELLY WEST
DOLLARHIDE DRINKARD WATERFLOOD) POOL -
Cont'd.)

Skelly Oil Company	Mexico "J"	9	J	32	24S 38E
Skelly Oil Company	Mexico "J"	16	P	32	24S 38E
Skelly Oil Company	Mexico "J"	20	N	32	24S 38E
Pan American State "Y"	11	H	32	24S 38E	
Pan American State "Y"	8	F	32	24S 38E	
Pan American State "Y"	10	B	32	24S 38E	
Pan American State "Y"	6	D	32	24S 38E	
Gulf Oil Corporation	Leonard "I"	2	F	33	24S 38E
Gulf Oil Corporation	Leonard "G"	11	D	33	24S 38E
Gulf Oil Corporation	Leonard "G"	14	L	33	24S 38E
Gulf Oil Corporation	Leonard "G"	15	N	33	24S 38E
Gulf Oil Corporation	Leonard "G"	12	F	4	25S 38E
Gulf Oil Corporation	Leonard "G"	19	D	4	25S 38E
Skelly Oil Company	Mexico "L"	15	D	5	25S 38E
Skelly Oil Company	Mexico "L"	17	B	5	25S 38E
Skelly Oil Company	Mexico "L"	18	H	5	25S 38E
Skelly Oil Company	Mexico "L"	20	F	5	25S 38E

(2) That the subject waterflood project is hereby designated the Skelly West Dollarhide Drinkard Waterflood Project and shall be governed by the provisions of Rules 701, 702, and 703 of the Commission Rules and Regulations;

PROVIDED HOWEVER, that the Secretary-Director of the Commission may approve expansion of the Skelly West Dollarhide Drinkard Waterflood Project to include such additional lands and injection wells in the area of said project as may be necessary to complete an efficient water injection pattern; that the showing of well response as required by Rule 701 E-5 shall not be necessary before obtaining administrative approval for the conversion of additional wells to water injection.

(3) That monthly progress reports of the waterflood project herein authorized shall be submitted to the Commission in accordance with Rules 704 and 1120 of the Commission Rules and Regulations.

(4) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

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

FOREST POOL
(Grayburg and San Andres Waterflood)
Eddy County, New Mexico

Order No. R-3756, Authorizing Continental Oil Company to Institute Three Waterflood Projects in the Grayburg and San Andres Formations in the Forest Pool, Eddy County, New Mexico, May 20, 1969.

Application of Continental Oil Company for a Waterflood Project, Eddy County, New Mexico.

CASE NO. 4125
Order No. R-3756

ORDER OF THE COMMISSION

BY THE COMMISSION: This cause came on for hearing at 9 a.m. on May 7, 1969, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 20th day of May, 1969, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That the applicant, Continental Oil Company, seeks permission to institute three waterflood projects in the Forest Pool by the injection of water into the Grayburg and San Andres formations through ten injection wells in Sections 34 and 35, Township 16 South, Range 29 East, NMPM, Eddy County, New Mexico.

(3) That the applicant further seeks an administrative procedure whereby said projects could be expanded to include additional lands and injection wells in the areas of said projects as may be necessary in order to complete efficient injection patterns; that said administrative procedure should provide for administrative approval for conversion to water injection in exception to the well response requirements of Rule 701 E-5 of the Commission Rules and Regulations.

(4) That the wells in the project areas are in an advanced state of depletion and should properly be classified as "stripper" wells.

(5) That the proposed waterflood projects should result in the recovery of otherwise unrecoverable oil, thereby preventing waste.

WEST DOLLARHIDE DRINKARD UNIT

LEA COUNTY, NEW MEXICO

<u>Unit Well No.</u>	<u>Tract 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.

R-38-E

T
24
S

T
25
S

LEGEND

- - PROPOSED UNIT BOUNDARY
- PROPOSED WATER INJECTION WELL
- WATER INJECTION WELL

PROPOSED WATERFLOOD PATTERN
DOLLARHIDE (TUBB DRINKARD) POOL
LEA COUNTY, NEW MEXICO

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

OIL CONSERVATION DIVISION

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

WELL API NO.	30-025-12313
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	B-9311
7. Lease Name or Unit Agreement Name West Dollarhide Drinkard Unit	
8. Well No.	70
9. Pool name or Wildcat	Dollarhide Tubb/Drinkard
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3166' DF	

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 <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	2. Name of Operator Texaco Exploration & Production Inc.
3. Address of Operator P.O. Box 730, Hobbs, NM 88241-0730 505- 393-7191	4. Well Location Unit Letter 0 : 2130 Feet From The East Line and 510 Feet From The South Line Section 32 Township 24-S Range 38-E NMPM Lea County
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3166' DF	

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"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input checked="" type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
OTHER: <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
	CASING TEST AND CEMENT JOB <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.

- (1) Notify NMOCDD 24 hours prior to starting. MIRU. NU BOP.
- (2) TIH with work string, bit and 4" casing scraper. Clean liner to TD. Check for obstructions or tight spots. The liner may have collapsed at about 6350', where it was sidetracked. POH. GIH with 5 1/2" casing scraper and clean casing to liner top at 5592'.
- (3) GIH with 4" retainer and set above top perf or above collapsed casing at about 6350'. Establish pump-in rate. Squeeze perfs with 125 sx class 'C' cement with 5% Halad-9 fluid loss additive followed with 125 sx class 'C' with 2% CaCl accelerator. Sting out and spot 5 sx on top of retainer. POH.
- (4) GIH with 5 1/2" packer and set at 5565'. If liner holds pressure (500 psi), then spot CIBP above liner and cap with 50' cement. Otherwise, establish pump-in rate into liner and liner top.
- (5) GIH with 5 1/2" retainer and set at 5575'. Squeeze liner and liner top with 100 sx class 'C' cement with 2% CaCl accelerator.
- (6) Pull out of retainer, spot 5 sx on top and reverse out excess cement. POH and wait on cement.
- (7) Load casing from surface and pressure test casing to 500 psi for 15 minutes.
- (8) Request change of status to TA; Temporary Abandonment.

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

SIGNATURE Robert McNaughton TITLE Production Engineer DATE 11-26-91
TYPE OR PRINT NAME Robert McNaughton TELEPHONE NO. 397-0428

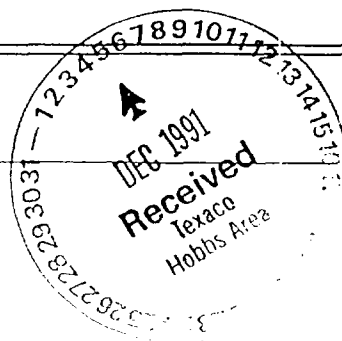
(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

DISTRICT I SUPERVISOR

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:



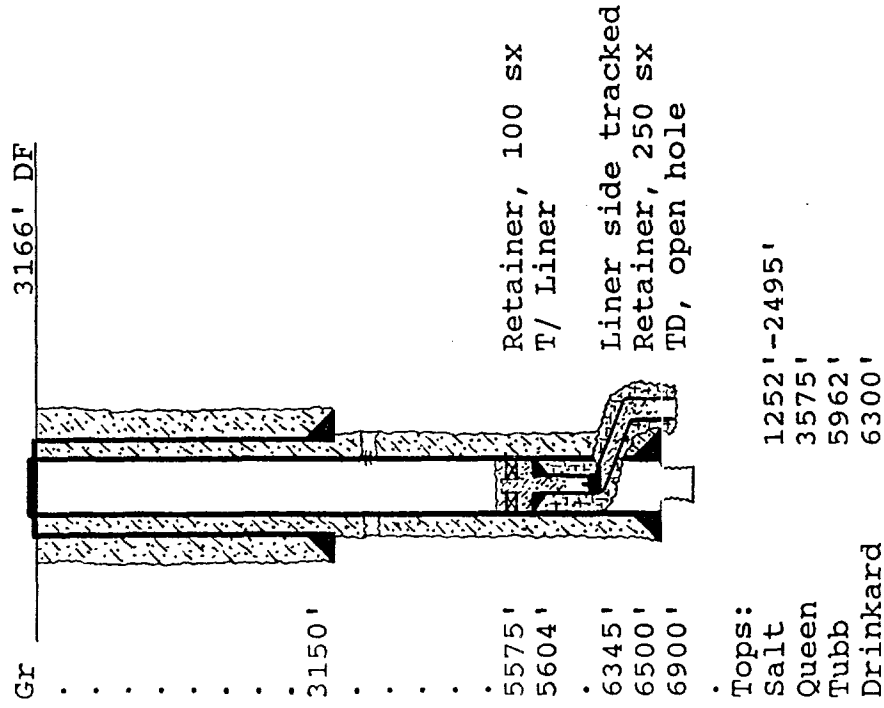
RECOMMENDED ABANDONMENT- SALVAGE DEFERRED

OPERATOR: Texaco Expl. & Prod. Inc. Lease: West Dollarhide Drinkard Unit #70

FOOTAGE LOCATION: 2130 FELX 510 FSL sec./Twn/Rng: Unit O, Sec 32, T-24-S, R-38-E

Yates will be held for possible future recompletion. Lea County, New Mexico

SCHEMATIC



TABULAR DATA

Surface Plugs:

Size _____ Cemented with _____ sx.
_____ _____ sx.

Class "C" cement, 1.32 ft³/ sx.

Intermediate plugs:

Size _____ Cemented with _____ sx.

Class "C" cement, 1.32 ft³/sx.

Producing Zone Plugs:

*Retainer @ 5575' Cemented with 100 sx.
Retainer @ 6350' Cemented with 250 sx.

* ± 850' cement, covers to T/ Tubb perfs.

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

a. Type of Work:

DRILL ☒

RE-ENTER ☐

DEEPEN ☐

PLUG BACK ☐

b. Type of Well:

OIL
WELL ☒

GAS
WELL ☐

OTHER ☐

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.

113

3. Address of Operator

P. O. Box 3109, Midland, Texas 79702

9. Pool name or Wildcat

DOLLARHIDE TUBB DRINKARD

4. Well Location

Unit Letter M

: 136

Feet From The SOUTH

Line and 1246

Feet From The WEST

Line

Section 32

Township 24-SOUTH

Range 38-EAST

NMPM

LEA

County

10. Proposed Depth

7435'

11. Formation

DRINKARD

12. Rotary or C.T.

ROTARY

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

GR-3140'

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#	1155'	890	SURFACE
11	8 5/8	32#	4200'	1380	SURFACE
7 7/8	5 1/2	15.5# & 17#	7435'	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).

THERE ARE NO OTHER OPERATORS IN THE QUARTER QUARTER SECTION.

UNORTHODOX LOCATION - EXCEPTION HAS BEEN REQUESTED (COPY ATTACHED).

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTION 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 / cwt

TITLE DRILLING OPERATIONS MANAGER

DATE 12-10-91

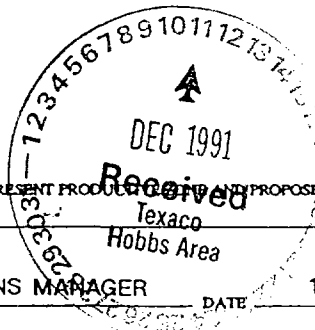
TYPE OR PRINT NAME C. P. BASHAM

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 - 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
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

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

1. Type of Work:

DRILL ☒

RE-ENTER ☐

DEEPEN ☐

PLUG BACK ☐

1. Type of Well:

OIL

WELL ☒

GAS

WELL ☐

OTHER ☐

SINGLE

ZONE ☒

MULTIPLE

ZONE ☐

2. Name of Operator

TEXACO EXPLORATION AND PRODUCTION INC.

8. Well No.

115

3. Address of Operator

P. O. Box 3109, Midland, Texas 79702

9. Pool name or Wildcat

DOLLARHIDE TUBS DRINKARD

4. Well Location

Unit Letter

A

: 121

Feet From The NORTH

Line and 1309

Feet From The EAST

Line

Section

5

Township 25-SOUTH

Range 38-EAST

NMPM

LEA

County

10. Proposed Depth

7510'

11. Formation

DRINKARD

12. Rotary or C.T.

ROTARY

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

GR-3165'

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#	1170'	890	SURFACE
11	8 5/8	32#	4200'	1380	SURFACE
7 7/8	5 1/2	15.5# & 17#	7510'	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).

W 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).

THERE ARE NO OTHER OPERATORS IN THE QUARTER QUARTER SECTION.

NORTHDOX LOCATION - EXCEPTION HAS BEEN REQUESTED (COPY ATTACHED).

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

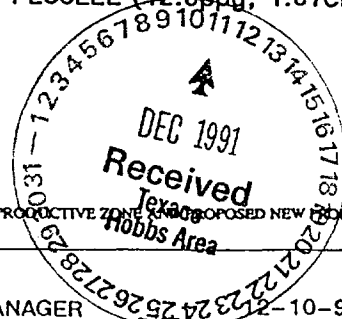
(This space for State Use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:



Submit to Appropriate
District Office
State Lease - 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

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

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 ☐

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.

116

3. Address of Operator

P. O. Box 3109, Midland, Texas 79702

9. Pool name or Wildcat

DOLLARHIDE TUBB DRINKARD

4. Well Location

Unit Letter D : 67 Feet From The NORTH Line and 152 Feet From The WEST Line

Section 4 Township 25-SOUTH Range 38-EAST NMPM LEA County

10. Proposed Depth

7580'

11. Formation

DRINKARD

12. Rotary or C.T.

ROTARY

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

GR-3161'

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#	1190'	890	SURFACE
11	8 5/8	32#	4200'	1380	SURFACE
7 7/8	5 1/2	15.5# & 17#	7580'	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).

DEV 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).

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

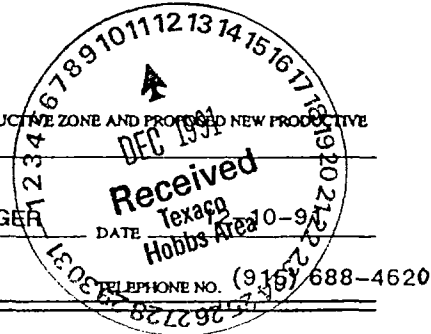
UNORTHODOX LOCATION - EXCEPTION HAS BEEN REQUESTED (COPY ATTACHED).

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTION ZONE AND PROPOSED NEW PRODUCTION 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 /cwb TITLE DRILLING OPERATIONS MANAGER

TYPE OR PRINT NAME C. P. BASHAM



(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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

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

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

1. Type of Work:

DRILL ☒ RE-ENTER ☐ DEEPEN ☐ PLUG BACK ☐

2. Type of Well:

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

3. Name of Operator

TEXACO EXPLORATION AND PRODUCTION INC.

7. Lease Name or Unit Agreement Name

WEST DOLLARHIDE DRINKARD UNIT

8. Well No.

117

4. Address of Operator

P. O. Box 3109, Midland, Texas 79702

9. Pool name or Wildcat

DOLLARHIDE TUBB DRINKARD

5. Well Location

Unit Letter D : 1098 Feet From The NORTH Line and 1270 Feet From The WEST Line

Section 5 Township 25-SOUTH Range 38-EAST NMPM LEA County

10. Proposed Depth

7475'

11. Formation

DRINKARD

12. Rotary or C.T.

ROTARY

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

GR-3128'

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#	1175'	890	SURFACE
11	8 5/8	32#	4200'	1380	SURFACE
7 7/8	5 1/2	15.5# & 17#	7475'	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).

OV 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).

SIFIGO OPERATES A WELL IN THIS QUARTER QUARTER SECTION AND HAS BEEN FURNISHED A COPY OF THIS APPLICATION.
UNORTHODOX LOCATION - EXCEPTION HAS BEEN REQUESTED (COPY ATTACHED).

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTION 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.

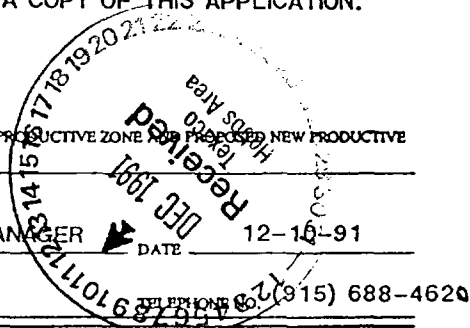
SIGNATURE C. P. Basham /cwH TITLE DRILLING OPERATIONS MANAGER DATE 12-16-91

TYPE OR PRINT NAME C. P. BASHAM

(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:



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

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

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

1. Type of Work:

DRILL ☒

RE-ENTER ☐

DEEPEN ☐

PLUG BACK ☐

1. Type of Well:

OIL
WELL ☒

GAS
WELL ☐

OTHER ☐

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.

119

3. Address of Operator

P. O. Box 3109, Midland, Texas 79702

9. Pool name or Wildcat

DOLLARHIDE TUBE DRINKARD

4. Well Location

Unit Letter

B

: 1007

Feet From The NORTH

Line and 1332

Feet From The EAST

Line

Section 5

Township 25-SOUTH

Range 38-EAST

NMPM

LEA

County

10. Proposed Depth

7555'

11. Formation

DRINKARD

12. Rotary or C.T.

ROTARY

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

GR-3163'

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#	1150'	890	SURFACE
11	8 5/8	32#	4200'	1380	SURFACE
7 7/8	5 1/2	15.5# & 17#	7555'	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).

W 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).

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

UNORTHODOX LOCATION - EXCEPTION HAS BEEN REQUESTED (COPY ATTACHED).

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

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 - 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

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

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

1. Type of Work:

DRILL ☒

RE-ENTER ☐

DEEPEN ☐

PLUG BACK ☐

1. 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.

120

2. Address of Operator

P. O. Box 3109, Midland, Texas 79702

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).

PIPE 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).

TEXACO OPERATES A WELL IN THIS 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

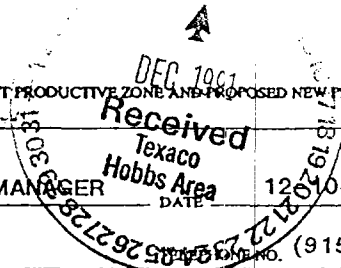
DATE

12/6/91

TYPE OR PRINT NAME

C. P. BASHAM

PHONE 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 - 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.

URFACE 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).

RODUCTION 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).

V 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).

IR30 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/swll

TITLE DRILLING OPERATIONS MANAGER

DATE 12-10-91

TYPE OR PRINT NAME C. P. BASHAM

(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

DEC 1991

Received

Texaco
Hobbs Area

DATE 12-10-91

TELEPHONE NO. (915) 688-4621

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

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

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

1. 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.

12.2

9. Pool name or Wildcat

DOLLARHIDE TUBB DRINKARD

4. Well Location

Unit Letter K : 2055 Feet From The SCOUT 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).

S RGO 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) 688-4621

(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

AFFIDAVIT OF PUBLICATION

State of New Mexico,
County of Lea.

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

Dec. 22, 19 91
and ending with the issue dated

Dec. 22, 19 91

Kathi Bearden
General Manager

Sworn and subscribed to before

me this 23 day of

December, 19 91

Marina Calvillo
Notary Public.

My Commission expires _____

July 22, 19 95
(Seal)

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

LEGAL NOTICE
December 22, 1991

Notice is hereby given of the application of Texaco Producing Inc., Attention: James A. Head, 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 for the purpose of pressure maintenance.

Lease/Unit Name: West Dollarhide Drinkard Unit

Well Number(s) and Location(s):

68—	Unit Letter M.	669	FWL &	660 FSL,	Section 32,	T24S,	R38E
83—	Unit Letter G,	1656	FNL &	1980 FEL,	Section 5,	T25S,	R38E
88—	Unit Letter A,	667	FNL &	500 FEL,	Section 5,	T25S,	R38E
89—	Unit Letter O,	660	FSL &	1830 FEL,	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.

P 334 579 824

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse)

U.S.G.P.O. 1989-234-555

PS Form 3800, June 1985

Sent to Chevron USA Inc.	
Street and No. P.O. Box 1150	
P.O. State and ZIP Code Midland, Texas 79702	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	
Return Receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date	

P 334 579 831

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse)

U.S.G.P.O. 1989-234-555

PS Form 3800, June 1985

Sent to Sirgo Operating Co.	
Street and No. P.O. Box 3531	
P.O. State and ZIP Code Midland, Texas 79702	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	
Return Receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date	

P 334 579 830

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse)

U.S.G.P.O. 1989-234-555

PS Form 3800, June 1985

Sent to Elena & William Grobe	
Street and No. P.O. Box Drawer G	
P.O. State and ZIP Code Jal, New Mexico 88252	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	
Return Receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date	

P 334 579 823

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse)

U.S.G.P.O. 1989-234-555

PS Form 3800, June 1985

Sent to Joyce & George Willis	
Street and No. P.O. Box 307	
P.O. State and ZIP Code Jal, New Mexico 88252	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	
Return Receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date	



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

HOBBS DISTRICT OFFICE

DEC 10 1938

12-24-38

BRUCE KING
GOVERNOR

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

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

RE: Proposed:

MC _____
DHC _____
NSL _____
NSP _____
SWD _____
WFX ☒ _____
PMX _____

68 - M 32-24-38
83 - A 5-25-38
88 - A 5-25-38
89 - B 32-24-38

Gentlemen:

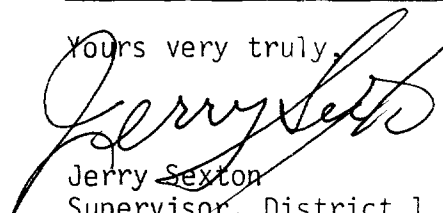
I have examined the application for the:

Jeyaco Expl. & Prod. Inc. and its subsidiary Drunkard Unit
Operator Lease & Well No. Unit S-T-R

and my recommendations are as follows:

OK

Yours very truly,


Jerry Sexton
Supervisor, District 1

/ed



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE

BRUCE KING
GOVERNOR

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

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

RE: Proposed:

MC _____
DHC _____
NSL _____
NSP _____
SWD _____
WFX X _____
PMX _____

30-24-38
31-24-38
32-24-38
32-24-38

Gentlemen:

I have examined the application for the:

Jayaco Drilling - Leasing - Production - Title Drilling Unit
Operator Lease & Well No. Unit S-T-R

and my recommendations are as follows:

OK

Yours very truly,

Jerry Sexton
Jerry Sexton
Supervisor, District 1

/ed