

KELLAHIN AND KELLAHIN

ATTORNEYS AT LAW

EL PATIO BUILDING

117 NORTH GUADALUPE

POST OFFICE BOX 2265

SANTA FE, NEW MEXICO 87504-2265

W. THOMAS KELLAHIN*

*NEW MEXICO BOARD OF LEGAL SPECIALIZATION
RECOGNIZED SPECIALIST IN THE AREA OF
NATURAL RESOURCES-OIL AND GAS LAW

JASON KELLAHIN (RETIRED 1991)

TELEPHONE (505) 982-4285
TELEFAX (505) 982-2047

April 9, 1996

HAND DELIVERED

Mr. William J. LeMay, Director
Oil Conservation Division
2040 South Pacheco
Santa Fe, New Mexico 87505

RECEIVED
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Oil Conservation Division

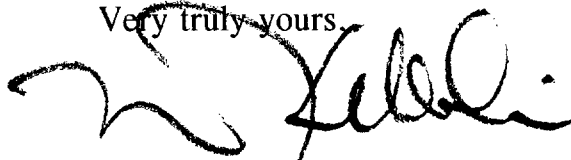
11523

**Re: Application of Phillips Petroleum Company
for approval of its State-35 Unit Pressure
Maintenance Project, including unorthodox
well locations Leasehold and for the
Enhanced Oil Recovery Tax Credit
Lea County, New Mexico**

Dear Mr. LeMay:

On behalf of Phillips Petroleum Company, please find enclosed our application for approval of its State-35 Unit Pressure Maintenance Project which we request be set for hearing on the Examiner's docket now scheduled for May 2, 1996. Also enclosed is our proposed advertisement of this case for the NMOCD docket.

Very truly yours,



W. Thomas Kellahin

cc: Phillips Petroleum Company
Attn: Larry Hollenbeck

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APR 1 1993
OFFICE OF THE ATTORNEY GENERAL

PROPOSED ADVERTISEMENT

CASE 11523 Application of Phillips Petroleum Company for approval of a pressure maintenance project, to qualify said project for the recovered oil tax rate pursuant to the Enhanced Oil Recovery Act, and for 3 unorthodox well locations, Lea County, New Mexico. Applicant seeks approval to institute a tertiary recovery project in its proposed State-35 Unit Pressure Maintenance Project by the injection of water and carbon dioxide ("CO₂") into the Grayburg and San Andres formations into the Vacuum Grayburg-San Andres Pool, encompassing 560 acres of State lands comprising portions of Section 35, T17S, R34E, NMPM, including the drilling of three producing oil wells at unorthodox well locations within said Section. Applicant further seeks to qualify this expansion area for the recovered oil tax rate pursuant to the "New Mexico Enhanced Oil Recovery Act" (Law 1992, Chapter 38, Sections 1 through 5). Said project is located approximately 2 miles southwest from Buckeye, New Mexico.

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

**IN THE MATTER OF THE APPLICATION
OF PHILLIPS PETROLEUM COMPANY FOR
APPROVAL OF ITS STATE-35 UNIT PRESSURE
MAINTENANCE PROJECT, INCLUDING
UNORTHODOX WELL LOCATIONS AND TO QUALIFY
SAID PROJECT FOR THE RECOVERED OIL TAX
RATE PURSUANT TO THE "NEW MEXICO ENHANCED
OIL RECOVERY ACT," LEA COUNTY, NEW MEXICO**

CASE NO 11523

A P P L I C A T I O N

Comes now PHILLIPS PETROLEUM COMPANY ("Phillips"), by its attorneys, Kellahin & Kellahin, and pursuant to the New Mexico "Enhanced Oil Recovery Act" and to Division Rule 701(F) applies to the New Mexico Oil Conservation Division for authority to institute a Tertiary Recovery Project in its proposed State-35 Unit by the injection of water and carbon dioxide into the Grayburg and San Andres formations of the Vacuum Grayburg-San Andres Pool ("Pressure Maintenance Project"); for approval for the drilling of three producing wells at unorthodox well locations; and for the recovered oil tax rate for enhanced oil recovery for the expanded use of enhanced oil recovery technology within said pressure maintenance project, a new EOR project and in support states:

(1) Phillips is the proposed operator of the proposed State-35 Unit ("proposed EOR Project") which is intended to recovery additional oil by means of a combination water and CO2 injection ("WAG") into the Grayburg and San Andres formations of the Vacuum Grayburg-San Andres Pool within a project area containing 560 acres and consisting of 4 Phillips

operated interior injection wells, 10 lease line injection wells and 16 producing wells within the following described area:

Township 17 South, Range 34 East, NMPM

Section 35: N/2
SE/4
E/2SW/4

(2) A portion of the project area was formerly part of the Phillips' operated Hale-Mable Vacuum G-SA Pressure Maintenance Project which was approved for water injection into the Grayburg and San Andres formations of the Vacuum Grayburg-San Andres Pool by Division Order R-7103 dated October 12, 1982 and amended to include water and polyacrylamide polymers by Order R-7103-A issued August 30, 1983.

(3) As of December 31, 1995, cumulative primary and secondary oil recovery from the Project Area has been 17,207,369 barrels of oil with an estimated additional 1 millions barrels of oil to be recovered under the current mode of operations.

(4) The Project is currently producing at 420 BOPD at approximately 95 % water cut from 16 active producers. Ten lease line injectors and 4 interior injectors are currently active.

(5) Phillips seeks to institute a Tertiary Recovery Project for this Project Area by means of a significant change in the process used for the displacement of crude by the initiation of the injection of water-alternate-gas injection ("WAG") under the following described method: by using water and carbon dioxide ("CO2") in alternating slugs of produced gas and CO2 and slugs of water to be injected at a 1.4 to 1 ratio of a total of 45 BCF of gas to be utilized or 40 % PV slug.

(6) As part of this project, Phillips intends to drill infill producing wells of which three wells will be located at the following unorthodox locations all in Section 35:

State 35 Unit Well No. 8: 1120 feet FNL and 660 feet FEL
State 35 Unit Well No. 18: 2600 feet FSL and 660 feet FEL
State 35 Unit Well No. 28: 1170 feet FSL and 660 feet FEL

(7) The estimated amount of recoverable oil attributable to a Positive Production Response from the Expanded Use of enhanced oil recovery technology for this proposed EOR Project is 7,122,000 barrels of additional oil.

(8) In accordance with Division Order R-9708, the following is submitted:

a. Operator's name and address:

Phillips Petroleum Company
4001 Penbrook
Odessa, Texas 79762

b. Description of the Expanded Use area:

(1) Plat outlining Expanded Use area:

See Exhibit "A"

(2) Description of the Expanded Use Area:

T17S, R34E NMPM
Sec 35: N/2
SE/4
E/2SW/4

(3) Total acres in Expanded Use Area:

560 acres, more or less

(4) Name of the subject Pool and formation:

Grayburg and San Andres formation of
the Vacuum Grayburg-San Andres Pool

c. Status of operations in the project area:

(1) N/A [if unitized, name of unit, date of
unit approval and order number]

(2) April 9, 1996
[if application for unit approval
pending supply date of filing]

(3) N/A
[if not unitized, identify each lease]

d. Method of recovery to be used:

(1) injected fluids: water, gas, carbon dioxide

(2) Order R-7103 (10/12/82) approved water
injection

Order R-7103-A (8/30/83) approved
polyacrylamide polymer injection (ceased)

(3) April 8, 1996
[if project not approved provide
date application was filed]

e. Description of the Expanded Use Area:

(1) a list of producing wells:
See Exhibit "B"

(2) a list of injection wells:
See Exhibit "C"

(3) Capital cost of additional facilities:
\$5,180,000

(4) Total Project Costs:
\$8,130,000

(5) Estimated total value of the additional production that will be recovered as a result of this Expanded Use Area:

An additional 7,122,000 barrels of oil with a current undiscounted value of approximately \$10 million dollars

(6) Anticipated date of commencement of injection:
October, 1996

(7) the type of fluid to be injected and the anticipated volumes:
CO2 injected at an estimated rate of 15
MMCFPD--total cumulative injection of 45
BCF

(8) Explanation of changes in technology:

(a) See Exhibit "B" for proposed well status and Exhibit "C" for proposed injection well status;

(b) summary of changes in technology and the process to be used for displacement of oil:

The proposed project provides for drilling six (6) additional infill producing wells and two (2) replacement wells, converting six (6) interior and nine (9) lease line wells to water-alternate-gas (WAG) injection, construction of CO2 compression and distribution facilities and upgrading of the present production and water injection facilities. The estimated costs of this project is approximately \$8,130,000.

f. Production data:

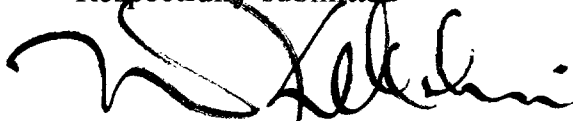
See attached graphs, charts and supporting data to show the production history and production forecast of oil (Exhibit "D"), gas (Exhibit "E"), and water (Exhibit "F") from the project area.

(9) Phillips requests that the Division authorize a Project Allowable for the Unit of 5,000 BOPD in order to provide operational flexibility to maximize recovery from the unit and thereby prevent waste and protect correlative rights.

(10) Pursuant to Division Rule 701, Phillips has enclosed as Exhibit "G" a completed Division Form C-108 with attachments and requests that the Division authorize the utilization of the injection wells listed on Exhibit "C".

Wherefore, Applicant requests that this application be set for hearing and that after said hearing, the Division enter its order approving this application.

Respectfully submitted

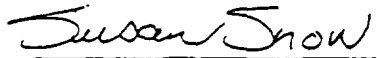
A handwritten signature in black ink, appearing to read 'W. Thomas Kellahin', written over the typed name and address.

W. Thomas Kellahin
KELLAHIN & KELLAHIN
P.O. Box 2265
Santa Fe, New Mexico 87504
(505) 982-4285

CERTIFICATION

STATE OF TEXAS)
) SS.
COUNTY OF MIDLAND)

I, Susan Snow, having been first duly sworn, state that I am a petroleum engineer, a duly authorized representative of Phillips Petroleum Company have knowledge of the facts herein and therefor certify that the facts set forth in this Application are true and accurate to the best of my own knowledge and belief.



Susan Snow

STATE 35 UNIT

ATTACHMENT III TO FORM C-108 APPLICATION FOR AUTHORIZATION TO INJECT

PROPOSED WELL NUMBERING SCHEME

New Well Designation	Lease & Well No.	API Number	Unit Letter	Sec-Tn-Rq	Footage	Former Operator	Current Status
State 35 # 1	Mable 2	3002502225	D	35-17S-34E	660' FN, 660' FW	Phillips	TA
State 35 # 2	H-35 3	3002502215	B	35-17S-34E	660' FN, 1980' FE	Phillips	PROD
State 35 # 3	H-35 2	3002502214	A	35-17S-34E	660' FN, 660' FE	Phillips	PROD
State 35 # 4W	Mable 5W	3002528054	E	35-17S-34E	1330' FN, 110' FW	Phillips	SI
State 35 # 5W	Mable 4W	3002528053	E	35-17S-34E	1330' FN, 1310' FW	Phillips	SI
State 35 # 6W	H-35 15W	3002528047	C	35-17S-34E	1295' FN, 2615' FW	Phillips	TA
State 35 # 7W	H-35 14	3002528046	H	35-17S-34E	1345' FN, 1210' FE	Phillips	PROD
State 35 # 8			H	35-17S-34E	1120' FN, 660' FE	Phillips	*
State 35 # 9	Mable 1	3002502224	E	35-17S-34E	1980' FN, 660' FW	Phillips	TA
State 35 # 10	H-35 5	3002502217	G	35-17S-34E	1980' FN, 1980' FE	Phillips	TA
State 35 # 11			H	35-17S-34E	2220' FN, 1310' FE	Phillips	*
State 35 # 12	H-35 1	3002502213	H	35-17S-34E	1980' FN, 660' FE	Phillips	PROD
State 35 # 13	Mable 3	3002522955	E	35-17S-34E	2310' FN, 990' FW	Phillips	PROD
State 35 # 14W	Hale 14W	3002528057	K	35-17S-34E	2630' FS, 1330' FW	Phillips	WAT. INJ.
State 35 # 15			K	35-17S-34E	2527' FS, 1955' FW	Phillips	*
State 35 # 16W	Hale 15W	3002528058	K	35-17S-34E	2630' FSL, 2630' FWL	Phillips	WAT. INJ.
State 35 # 17W	Hale 16W	3002528059	J	35-17S-34E	2630' FS, 1330' FE	Phillips	WAT. INJ.
State 35 # 18			I	35-17S-34E	2600' FS, 660' FE	Phillips	*
State 35 # 19	Hale 2	3002502220	K	35-17S-34E	1980' FS, 1980' FW	Phillips	PROD
State 35 # 20			K	35-17S-34E	1926' FS, 2430' FE	Phillips	*
State 35 # 21	Hale 5	3002502222	J	35-17S-34E	1980' FS, 1980' FE	Phillips	PROD
State 35 # 22	Hale 1	3002502219	I	35-17S-34E	1980' FS, 660' FE	Phillips	PROD
State 35 # 23W	Hale 17W	3002528060	N	35-17S-34E	1310' FS, 1310' FW	Phillips	WAT. INJ.
State 35 # 24	Hale 20	3002530614	N	35-17S-34E	1225' FS, 2000' FW	Phillips	PROD
State 35 # 25W	Hale 12W	3002528055	O	35-17S-34E	1260' FS, 2630' FE	Phillips	WAT. INJ.
State 35 # 26W	Hale 21	3002530615	O	35-17S-34E	1194' FS, 2040' FE	Phillips	PROD
State 35 # 27W	Hale 13W	3002528056	I	35-17S-34E	1360' FS, 1210' FE	Phillips	WAT. INJ.
State 35 # 28			P	35-17S-34E	1170' FS, 660' FE	Phillips	*
State 35 # 29W	Hale 18W	3002528061	I	35-17S-34E	1410' FS, 10' FE	Phillips	WAT. INJ.
State 35 # 30	Hale 10	3002520782	O	35-17S-34E	960' FS, 1680' FE	Phillips	PROD
State 35 # 31	Hale 4	3002508455	N	35-17S-34E	660' FS, 1980' FW	Phillips	PROD
State 35 # 32	Hale 22	3002530616	N	35-17S-34E	650' FS, 2630' FW	Phillips	PROD
State 35 # 33	Hale 6	3002502223	O	35-17S-34E	600' FS, 1980' FE	Phillips	PROD
State 35 # 34	Hale 23	3002530617	P	35-17S-34E	620' FS, 1250' FE	Phillips	PROD
State 35 # 35	Hale 3	3002502221	P	35-17S-34E	660' FS, 660' FE	Phillips	PROD
State 35 # 36	Hale 8	3002520780	P	35-17S-34E	660' FS, 560' FE	Phillips	PROD
State 35 # 37W	Hale 19W	3002528062	P	35-17S-34E	10' FS, 1210' FE	Phillips	WAT. INJ.

* New drill producer locations - Pending final staking & NMOC approval

EXHIBIT

B

STATE 35 UNIT

ATTACHMENT III TO FORM C-108 APPLICATION FOR AUTHORIZATION TO INJECT

PROPOSED UNIT INJECTION WELLS

<u>New Well Designation</u>	<u>Operator</u>	<u>Lease & Well No.</u>	<u>API Number</u>	<u>Sec-Tn-Rg</u>			<u>Footage</u>	<u>Current Statu</u>
State 35 # 6W	Phillips	H-35 # 15	3002528047	35	17S	35E	1295' FN, 2615' FW	TA Inj.
State 35 # 7W	Phillips	H-35 # 14	3002528046	35	17S	35E	1345' FN, 1210' FE	SA Prod
State 35 # 14W	Phillips	Hale # 14	3002528057	35	17S	35E	2630' FS, 1330' FW	SA Inj.
State 35 # 16W	Phillips	Hale # 15	3002528058	35	17S	35E	2630' FSL, 2630' FW	SA Inj.
State 35 # 17W	Phillips	Hale # 16	3002528059	35	17S	35E	2630' FS, 1330' FE	SA Inj.
State 35 # 23W	Phillips	Hale # 17	3002528060	35	17S	35E	1310' FS, 1310' FW	SA Inj.
State 35 # 25W	Phillips	Hale # 12	3002528055	35	17S	35E	1260' FS, 2630' FE	SA Inj.
State 35 # 26W	Phillips	Hale # 21	3002530615	35	17S	35E	1194' FS, 2040' FE	SA Prod
State 35 # 27W	Phillips	Hale # 13	3002528056	35	17S	35E	1360' FS, 1210' FE	SA Inj.
State 35 # 29W	Phillips	Hale # 18	3002528061	35	17S	35E	1410' FS, 10' FE	SA Inj.
State 35 # 37W	Phillips	Hale # 19	3002528062	35	17S	35E	10' FS, 1210' FE	SA Inj.

PROPOSED NON-UNIT INJECTION WELLS

Texaco	CVU # 159	3002527969	36	17S	35E	1310' FN, 100' FW	SA Inj.
Texaco	CVU # 160	3002527970	36	17S	35E	2602' FN, 35' FW	SA Inj.
Texaco	CVU # 161	3002527971	36	17S	35E	180' FS, 10' FW	SA Inj.
Texaco	Vac GBSAU # 62	3002527973	02	18S	34E	65' FN, 1330' FW	SA Inj.
Texaco	Vac GBSAU # 63	3002527974	01	18S	34E	50' FN, 2630' FE	SA Inj.





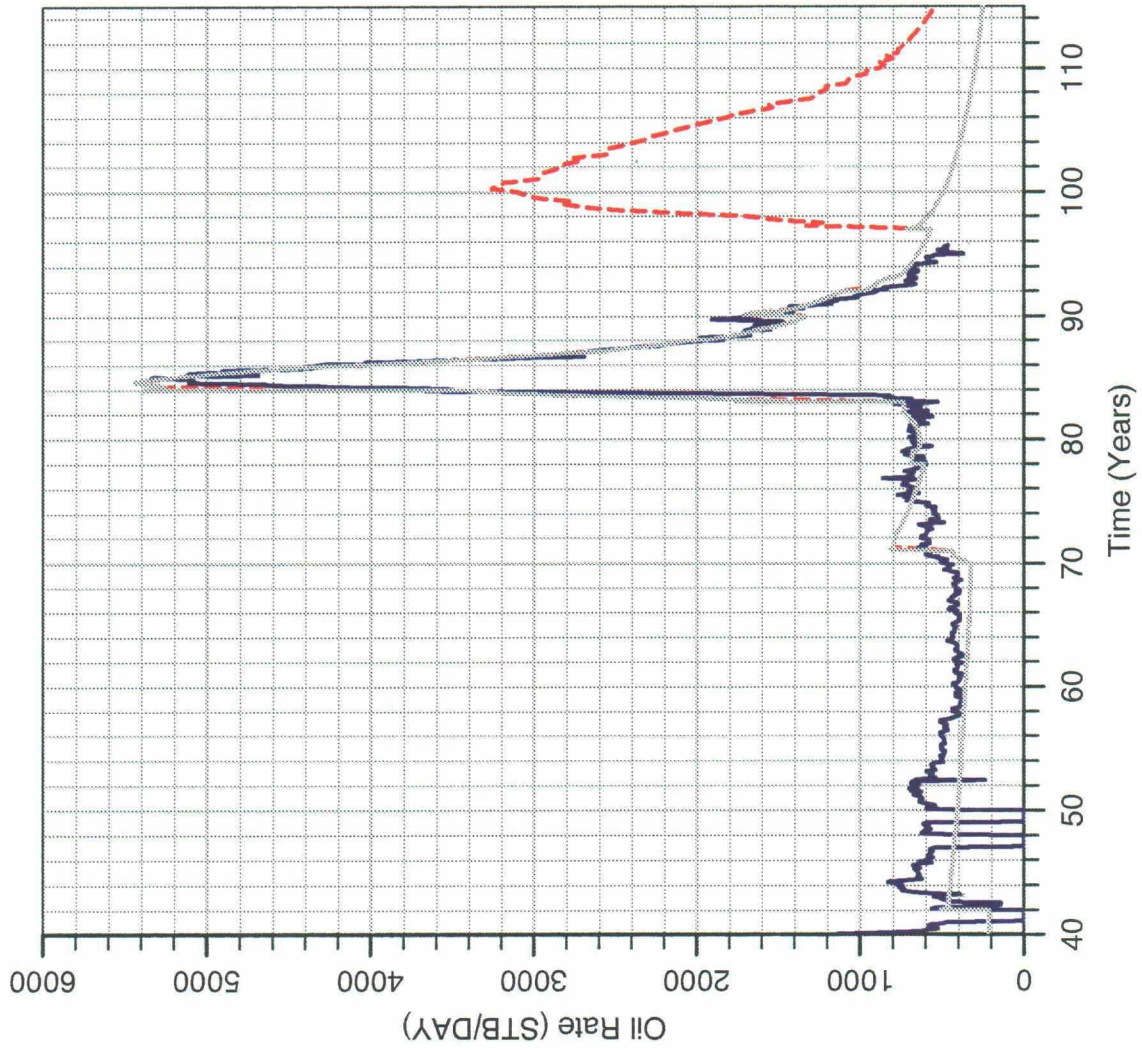
PHILLIPS PETROLEUM COMPANY
Hale Area CO2 Project

Larry D. Halliburton

Wed Mar 20 1996

--- BASE PROJECT FORECAST
— HISTORICAL PRODUCTION
--- CONTINUED WATERFLOOD

F1: BASE PROJECT FORECAST
F2: CONTINUED WATERFLOOD



EXHIBIT



TABLER



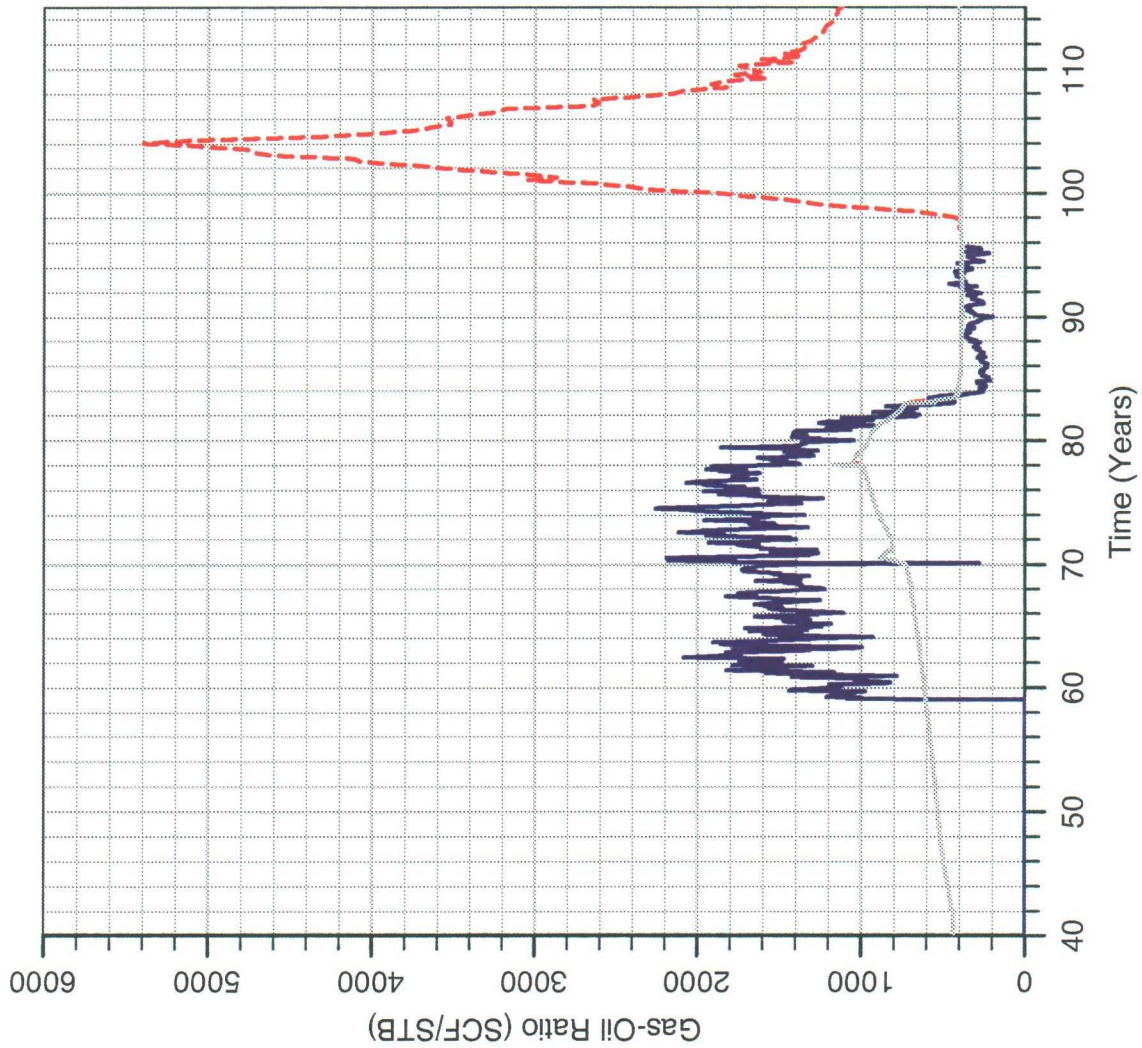
PHILLIPS PETROLEUM COMPANY
Hale Area CO2 Project

LARRY D. HALLIDAY

Wed Mar 20 1996

--- BASE PROJECT FORECAST
— HISTORICAL PRODUCTION
--- CONTINUED WATERFLOOD

F1: BASE PROJECT FORECAST
F2: CONTINUED WATERFLOOD





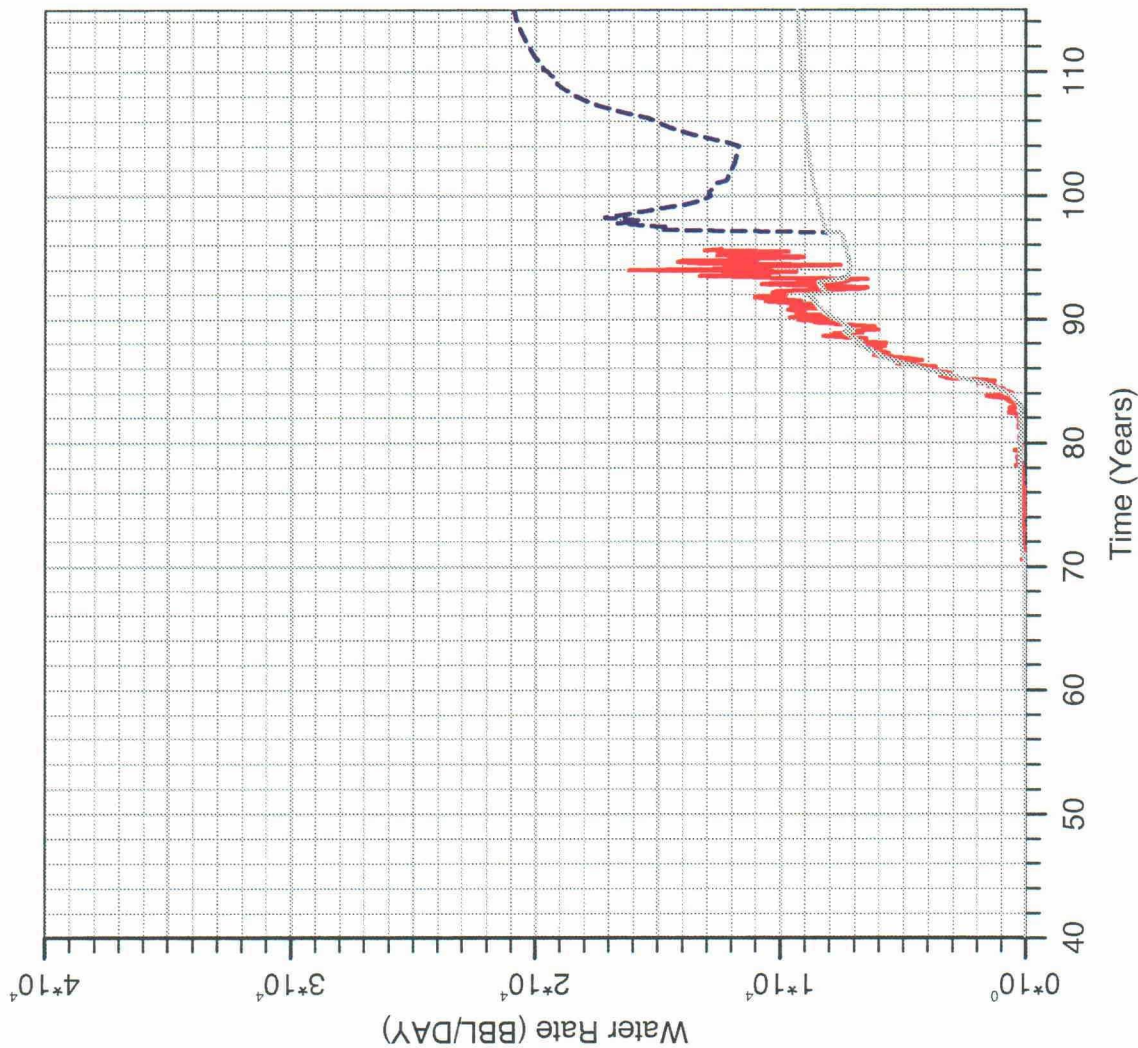
PHILLIPS PETROLEUM COMPANY
Hale Area CO2 Project

LARRY W. HALLIDAY

Wed Mar 20 1996

--- BASE PROJECT FORECAST
— HISTORICAL PRODUCTION
--- CONTINUED WATERFLOOD

F1: BASE PROJECT FORECAST
F2: CONTINUED WATERFLOOD



**STATE OF NEW MEXICO
OIL CONSERVATION DIVISION**

FORM C-108

**APPLICATION FOR
AUTHORIZATION TO INJECT**

**STATE 35 UNIT
LEA COUNTY, NEW MEXICO**

**PHILLIPS PETROLEUM COMPANY
OPERATOR**

MAY 2, 1996



APR 15 1996 Case 11523

APPLICATION FOR AUTHORIZATION TO INJECT

- I. Purpose: ☐ Secondary Recovery ☐ Pressure Maintenance ☐ Disposal ☐ Storage
Application qualifies for administrative approval? ☒ Yes ☐ No
- II. Operator: PHILLIPS PETROLEUM COMPANY
Address: 4001 PENBROOK; ODESSA, TEXAS 79762
Contact party: LARRY M. SANDERS Phone: (915) 368-1488
- 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-7103 and R-7103A.
- 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: SUSAN C. SNOW Title: RESERVOIR ENGINEER
Signature: Susan C Snow Date: APRIL 3, 1996
- 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. X. well logs submitted when wells drilled

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.

STATE 35 UNIT

ATTACHMENT III TO FORM C-108 APPLICATION FOR AUTHORIZATION TO INJECT

PROPOSED WELL NUMBERING SCHEME

New Well Designation	Lease & Well No.	API Number	Unit Letter	Sec-Tn-Rq	Footage	Former Operator	Current Status
State 35 # 1	Mable 2	3002502225	D	35-17S-34E	660' FN, 660' FW	Phillips	TA
State 35 # 2	H-35 3	3002502215	B	35-17S-34E	660' FN, 1980' FE	Phillips	PROD
State 35 # 3	H-35 2	3002502214	A	35-17S-34E	660' FN, 660' FE	Phillips	PROD
State 35 # 4W	Mable 5W	3002528054	E	35-17S-34E	1330' FN, 110' FW	Phillips	SI
State 35 # 5W	Mable 4W	3002528053	E	35-17S-34E	1330' FN, 1310' FW	Phillips	SI
State 35 # 6W	H-35 15W	3002528047	C	35-17S-34E	1295' FN, 2615' FW	Phillips	TA
State 35 # 7W	H-35 14	3002528046	H	35-17S-34E	1345' FN, 1210' FE	Phillips	PROD
State 35 # 8			H	35-17S-34E	1120' FN, 660' FE	Phillips	*
State 35 # 9	Mable 1	3002502224	E	35-17S-34E	1980' FN, 660' FW	Phillips	TA
State 35 # 10	H-35 5	3002502217	G	35-17S-34E	1980' FN, 1980' FE	Phillips	TA
State 35 # 11			H	35-17S-34E	2220' FN, 1310' FE	Phillips	*
State 35 # 12	H-35 1	3002502213	H	35-17S-34E	1980' FN, 660' FE	Phillips	PROD
State 35 # 13	Mable 3	3002522955	E	35-17S-34E	2310' FN, 990' FW	Phillips	PROD
State 35 # 14W	Hale 14W	3002528057	K	35-17S-34E	2630' FS, 1330' FW	Phillips	WAT. INJ.
State 35 # 15			K	35-17S-34E	2527' FS, 1955' FW	Phillips	*
State 35 # 16W	Hale 15W	3002528058	K	35-17S-34E	2630' FSL, 2630' FWL	Phillips	WAT. INJ.
State 35 # 17W	Hale 16W	3002528059	J	35-17S-34E	2630' FS, 1330' FE	Phillips	WAT. INJ.
State 35 # 18			I	35-17S-34E	2600' FS, 660' FE	Phillips	*
State 35 # 19	Hale 2	3002502220	K	35-17S-34E	1980' FS, 1980' FW	Phillips	PROD
State 35 # 20			K	35-17S-34E	1926' FS, 2430' FE	Phillips	*
State 35 # 21	Hale 5	3002502222	J	35-17S-34E	1980' FS, 1980' FE	Phillips	PROD
State 35 # 22	Hale 1	3002502219	I	35-17S-34E	1980' FS, 660' FE	Phillips	PROD
State 35 # 23W	Hale 17W	3002528060	N	35-17S-34E	1310' FS, 1310' FW	Phillips	WAT. INJ.
State 35 # 24	Hale 20	3002530614	N	35-17S-34E	1225' FS, 2000' FW	Phillips	PROD
State 35 # 25W	Hale 12W	3002528055	O	35-17S-34E	1260' FS, 2630' FE	Phillips	WAT. INJ.
State 35 # 26W	Hale 21	3002530615	O	35-17S-34E	1194' FS, 2040' FE	Phillips	PROD
State 35 # 27W	Hale 13W	3002528056	I	35-17S-34E	1360' FS, 1210' FE	Phillips	WAT. INJ.
State 35 # 28			P	35-17S-34E	1170' FS, 660' FE	Phillips	*
State 35 # 29W	Hale 18W	3002528061	I	35-17S-34E	1410' FS, 10' FE	Phillips	WAT. INJ.
State 35 # 30	Hale 10	3002520782	O	35-17S-34E	960' FS, 1680' FE	Phillips	PROD
State 35 # 31	Hale 4	3002508455	N	35-17S-34E	660' FS, 1980' FW	Phillips	PROD
State 35 # 32	Hale 22	3002530616	N	35-17S-34E	650' FS, 2630' FW	Phillips	PROD
State 35 # 33	Hale 6	3002502223	O	35-17S-34E	600' FS, 1980' FE	Phillips	PROD
State 35 # 34	Hale 23	3002530617	P	35-17S-34E	620' FS, 1250' FE	Phillips	PROD
State 35 # 35	Hale 3	3002502221	P	35-17S-34E	660' FS, 660' FE	Phillips	PROD
State 35 # 36	Hale 8	3002520780	P	35-17S-34E	660' FS, 560' FE	Phillips	PROD
State 35 # 37W	Hale 19W	3002528062	P	35-17S-34E	10' FS, 1210' FE	Phillips	WAT. INJ.

* New drill producer locations - Pending final staking & NMOCD approval

STATE 35 UNIT

ATTACHMENT III TO FORM C-108 APPLICATION FOR AUTHORIZATION TO INJECT

PROPOSED UNIT INJECTION WELLS

<u>New Well Designation</u>	<u>Operator</u>	<u>Lease & Well No.</u>	<u>API Number</u>	<u>Sec-Tn-Rg</u>			<u>Footage</u>	<u>Current Statu</u>
State 35 # 6W	Phillips	H-35 # 15	3002528047	35	17S	35E	1295' FN, 2615' FW	TA Inj.
State 35 # 7W	Phillips	H-35 # 14	3002528046	35	17S	35E	1345' FN, 1210' FE	SA Prod
State 35 # 14W	Phillips	Hale # 14	3002528057	35	17S	35E	2630' FS, 1330' FW	SA Inj.
State 35 # 16W	Phillips	Hale # 15	3002528058	35	17S	35E	2630' FSL, 2630' FW	SA Inj.
State 35 # 17W	Phillips	Hale # 16	3002528059	35	17S	35E	2630' FS, 1330' FE	SA Inj.
State 35 # 23W	Phillips	Hale # 17	3002528060	35	17S	35E	1310' FS, 1310' FW	SA Inj.
State 35 # 25W	Phillips	Hale # 12	3002528055	35	17S	35E	1260' FS, 2630' FE	SA Inj.
State 35 # 26W	Phillips	Hale # 21	3002530615	35	17S	35E	1194' FS, 2040' FE	SA Prod
State 35 # 27W	Phillips	Hale # 13	3002528056	35	17S	35E	1360' FS, 1210' FE	SA Inj.
State 35 # 29W	Phillips	Hale # 18	3002528061	35	17S	35E	1410' FS, 10' FE	SA Inj.
State 35 # 37W	Phillips	Hale # 19	3002528062	35	17S	35E	10' FS, 1210' FE	SA Inj.

PROPOSED NON-UNIT INJECTION WELLS

Texaco	CVU # 159	3002527969	36	17S	35E	1310' FN, 100' FW	SA Inj.
Texaco	CVU # 160	3002527970	36	17S	35E	2602' FN, 35' FW	SA Inj.
Texaco	CVU # 161	3002527971	36	17S	35E	180' FS, 10' FW	SA Inj.
Texaco	Vac GBSAU # 62	3002527973	02	18S	34E	65' FN, 1330' FW	SA Inj.
Texaco	Vac GBSAU # 63	3002527974	01	18S	34E	50' FN, 2630' FE	SA Inj.

H-35 #15
API# 3002528047

0.0 - 287.0' 13.375" OD SURF CSG
0.0 - 287.0' CEMENT 100 sx

0.0 - 287.0' 17.5" OD HOLE

0.0 - 1575.0' 9.625" OD INT CSG
0.0 - 1575.0' CEMENT 423 sx

287.0 - 1575.0' 12.5" OD HOLE

1295 FNL & 2615 FWL
SEC 35 , TWN 17 S, RANGE 35 E
ELEVATION: 4037 KB
SPUD DATE: 01-01-83
COMPLETION DATE: 02-20-83

0.0 - 4800.0' 5.5" OD PROD CSG
810.0 - 4800.0' CEMENT 1281 sx

0.0 - 4300.0' 2.875" OD TBG
4300.0 - 4305.0' PACKER 5.5" ELDER LOK-SET
4349.0 - 4770.0' PERFS
1575.0 - 4800.0' 7.875" OD HOLE

PBTD: 4776'
TD: 4800'

INJECTION WELL DATA SHEET

PHILLIPS PETROLEUM COMPANY

HALE / MABLE / H-35

OPERATOR

LEASE

H-35 #15

1295' FN, 2615' FW

35

17S

35E

WELL NO.

FOOTAGE LOCATION

SECTION

TOWNSHIP

RANGE

Tabular Data

Surface Casing @ 287'

Size 13.375" Cemented with 100 sx
 TOC surface feet determined by Circulation
 Hole size 17.5"

Long String @ 4800'

Size 5.5" Cemented with 1281 sx
 TOC 810' feet determined by Calculation
 Hole size 7.875"

Intermediate Casing @ 1575'

Size 9.625" Cemented with 423 sx
 TOC surface feet determined by Circulation
 Hole size 12.5"

Injection Interval

4349' to 4770'

Perforated X
 or
 Open-Hole _____

Tubing 2.875" lined with plastic coating set in a ELDER LOKSET packer at 4300'
 (brand & model)

Other Data

1. Name of the injection formation GRAYBURG SAN ANDRES
2. Name of the Field or Pool VACUUM
3. Is this a new well drilled for injection? YES - CURRENTLY TA'd

If no, for what purpose was the well originally drilled? _____

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used).

NO

5. Give the depth to and name of any overlying and/or underlying oil or gas zones

(pools) in this area. YATES @ 2700'
GLORIETA @ 5800'

HILLTOP PETROLEUM
H-35 #14
API# 3002528046

0.0 - 355.0' 13.375" OD SURF CSG
0.0 - 355.0' CEMENT 287 sx

0.0 - 355.0' 17.5" OD HOLE

0.0 - 1570.0' 9.625" OD INT CSG
0.0 - 1570.0' CEMENT 608 sx

355.0 - 1570.0' 12.5" OD HOLE

1345 FNL & 1210 FEL
SEC 35, T14N 17 S, RANGE 35 E
ELEVATION: 4037 KB
SPUD DATE: 02-22-83
COMPLETION DATE: 03-25-83

0.0 - 4760.0' 5.5" OD PROD CSG
0.0 - 4760.0' CEMENT 1280 sx

0.0 - 4300.0' 2.875" OD TBG
4300.0 - 4305.0' PACKER 5.5" ELDER LOK-SET
4346.0 - 4726.0' PERFS
1570.0 - 4763.0' 7.875" OD HOLE

PBTD: 4755'

TD: 4800'

INJECTION WELL DATA SHEET

PHILLIPS PETROLEUM COMPANY		HALE / MABLE / H-35		
OPERATOR		LEASE		
H-35 #14	1345' FN, 1210' FE	35	17S	35E
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE

Tabular Data

Surface Casing @ 355'

Size 13.375" Cemented with 287 sx
 TOC surface feet determined by Circulation
 Hole size 17.5"

Long String @ 4760'

Size 5.5" Cemented with 1280 sx
 TOC surface feet determined by Circulation
 Hole size 7.875"

Intermediate Casing @ 1570'

Size 9.625" Cemented with 608 sx
 TOC surface feet determined by Circulation
 Hole size 12.5"

Injection Interval

4346' to 4726'

Perforated X
 or
 Open-Hole

Tubing 2.875" lined with plastic coating set in a ELDER LOKSET packer at 4300'
 (brand & model)

Other Data

1. Name of the injection formation GRAYBURG SAN ANDRES
2. Name of the Field or Pool VACUUM
3. Is this a well drilled for injection? YES - CURRENTLY PRODUCING

If no, for what purpose was the well originally drilled? _____

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used).

NO

5. Give the depth to and name of any overlying and/or underlying oil or gas zones

(pools) in this area. YATES @ 2700'
GLORIETA @ 5800'

0.0 - 1582.0' 8.625" OD SURF CSG
0.0 - 1582.0' CEMENT 900 sx

0.0 - 1582.0' 12.25" OD HOLE

2630 FSL & 1330 FWL
SEC 35 , TWN 17 S, RANGE 35 E
ELEVATION: 4031 KB
SPUD DATE: 03-22-83
COMPLETION DATE: 07-23-83

0.0 - 4800.0' 5.5" OD PROD CSG
0.0 - 4800.0' CEMENT 1200 sx

0.0 - 4371.0' 2.875" OD TBC
4371.0 - 4371.0' PACKER ELDER LOKSET
4457.0 - 4719.0' PERFS
1582.0 - 4800.0' 7.875" OD HOLE

PBTD: 4760'

TD: 4800'

INJECTION WELL DATA SHEET

PHILLIPS PETROLEUM COMPANY

HALE / MABLE / H-35

OPERATOR

LEASE

HALE #14

2630' FS, 1330' FW

35

17S

35E

WELL NO.

FOOTAGE LOCATION

SECTION

TOWNSHIP

RANGE

Tabular Data

Surface Casing @ 1582'

Size 8.625" Cemented with 900 sx
 TOC surface feet determined by Circulation
 Hole size 12.25"

Long String @ 4800'

Size 5.5" Cemented with 1200 sx
 TOC surface feet determined by Circulation
 Hole size 7.875"

Intermediate Casing @

Size _____ Cemented with _____
 TOC _____ feet determined by _____
 Hole size _____

Injection Interval

4457' to 4719'
 Perforated X
 or _____
 Open-Hole _____

Tubing 2.875" lined with plastic coating set in a ELDER LOKSET packer at 4371'
 (brand & model)

Other Data

1. Name of the injection formation GRAYBURG SAN ANDRES
2. Name of the Field or Pool VACUUM
3. Is this a well drilled for injection? YES - CURRENTLY A WATER INJECTOR

If no, for what purpose was the well originally drilled? _____

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used).

NO

5. Give the depth to and name of any overlying and/or underlying oil or gas zones

(pools) in this area. YATES @ 2700'
GLORIETA @ 5800'

HALE #15
API# 3002528058

0.0 - 379.0' 8.625" OD SURF CSG
0.0 - 379.0' CEMENT 400 sx

0.0 - 379.0' 12.5 " OD HOLE

2630 FSL & 2630 FWL
SEC 35 , TWN 17 S, RANGE 35 E
ELEVATION: 4028 KB
SPUD DATE: 02-06-83
COMPLETION DATE: 05-23-83

0.0 - 4800.0' 5.5" OD PROD CSG
0.0 - 4800.0' CEMENT 1500 sx

0.0 - 4350.0' 2.875" OD TBG

4350.0 - 4350.0' PACKER 5.5" ELDER LOK-SET

4422.0 - 4736.0' PERFS

379.0 - 4800.0' 7.875" OD HOLE

PBTD: 4754'

TD: 4800'

INJECTION WELL DATA SHEET

PHILLIPS PETROLEUM COMPANY		HALE / MABLE / H-35		
OPERATOR		LEASE		
HALE #15	2630' FS, 2630' FW	35	17S	35E
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE

Tabular Data

Surface Casing @ 379'

Size 8.625" Cemented with 400 sx
 TOC surface feet determined by Circulation
 Hole size 12.25"

Long String @ 4800'

Size 5.5" Cemented with 1500 sx
 TOC surface feet determined by Circulation
 Hole size 7.875"

Intermediate Casing @

Size _____ Cemented with _____
 TOC _____ feet determined by _____
 Hole size _____

Injection Interval

4422' to 4736'
 Perforated X
 or _____
 Open-Hole _____

Tubing 2.875" lined with plastic coating set in a ELDER LOKSET packer at 4350'
 (brand & model)

Other Data

1. Name of the injection formation GRAYBURG SAN ANDRES
2. Name of the Field or Pool VACUUM
3. Is this a well drilled for injection? YES - CURRENTLY A WATER INJECTOR

If no, for what purpose was the well originally drilled? _____

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used).

NO

5. Give the depth to and name of any overlying and/or underlying oil or gas zones

(pools) in this area. YATES @ 2700'

GLORIETA @ 5800'

PHILLIPS PETROLEUM
HALE #16
API# 3002528059

0.0 - 360.0' 8.625" OD SURF CSG

0.0 - 360.0' CEMENT 400 sx

0.0 - 360.0' 12.25" OD HOLE

2630 FSL & 1330 FEL
SEC 35 , TWN 17 S, RANGE 35 E
ELEVATION: 4022 KB
SPUD DATE: 02-23-83
COMPLETION DATE: 05-23-83

0.0 - 4800.0' 5.5" OD PROD CSG

0.0 - 4800.0' CEMENT 1200 sx

0.0 - 4291.0' 2.875" OD TBG

4291.0 - 4291.0' PACKER ELDER LOK-SET

4389.0 - 4704.0' PERFS

360.0 - 4800.0' 7.875 " OD HOLE

PBTD: 4725'

TD: 4800'

INJECTION WELL DATA SHEET

PHILLIPS PETROLEUM COMPANY

HALE / MABLE / H-35

OPERATOR

LEASE

HALE #16

2630' FS, 1330' FE

35

17S

35E

WELL NO.

FOOTAGE LOCATION

SECTION

TOWNSHIP

RANGE

Tabular Data

Surface Casing @ 360'

Long String @ 4800'

Size 8.625" Cemented with 400 sx

Size 5.5" Cemented with 1200 sx

TOC surface feet determined by Circulation

TOC surface feet determined by Circulation

Hole size 12.25"

Hole size 7.875"

Intermediate Casing @

Size _____ Cemented with _____

Injection Interval

TOC _____ feet determined by _____

4389' to 4704'

Hole size _____

Perforated X

or

Open-Hole _____

Tubing 2.875" lined with plastic coating set in a ELDER LOKSET packer at 4291'

(brand & model)

Other Data

1. Name of the injection formation GRAYBURG SAN ANDRES

2. Name of the Field or Pool VACUUM

3. Is this a well drilled for injection? YES - CURRENTLY A WATER INJECTOR

If no, for what purpose was the well originally drilled? _____

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used).

NO

5. Give the depth to and name of any overlying and/or underlying oil or gas zones

(pools) in this area. YATES @ 2700'

GLORIETA @ 5800'

PHILLIPS PETROLEUM

HALE #17

API# 3002528060

0.0 - 1570.0' 8.625" OD SURF CSG

0.0 - 1570.0' CEMENT 1000 sx

0.0 - 1570.0' 12.25" OD HOLE

1310 FSL & 1330 FWL

SEC 35 , TWN 17 S, RANGE 35 E

ELEVATION: 4032 KB

SPUD DATE: 03-09-83

COMPLETION DATE: 05-23-83

0.0 - 4340.0' 2.875" OD TBG

4340.0 - 4345.0' PACKER ELDER LOK-SET

4410.0 - 4745.0' PERFS

1570.0 - 4800.0' 7.875 " OD HOLE

0.0 - 4800.0' 5.5" OD PROD CSG

0.0 - 4800.0' CEMENT 1000 sx

PBTD: 4760'

TD: 4800'

INJECTION WELL DATA SHEET

PHILLIPS PETROLEUM COMPANY		HALE / MABLE / H-35		
OPERATOR		LEASE		
HALE #17	1310' FS, 1330' FW	35	17S	35E
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE

Tabular Data

Surface Casing @ 1570'

Size 8.625" Cemented with 1000 sx
 TOC surface feet determined by Circulation
 Hole size 12.25"

Long String @ 4800'

Size 5.5" Cemented with 1000 sx
 TOC surface feet determined by Circulation
 Hole size 7.875"

Intermediate Casing @

Size _____ Cemented with _____
 TOC _____ feet determined by _____
 Hole size _____

Injection Interval

4410' to 4745'
 Perforated X
 or _____
 Open-Hole _____

Tubing 2.875" lined with plastic coating set in a ELDER LOKSET packer at 4340'
 (brand & model)

Other Data

1. Name of the injection formation GRAYBURG SAN ANDRES
2. Name of the Field or Pool VACUUM
3. Is this a well drilled for injection? YES - CURRENTLY A WATER INJECTOR

If no, for what purpose was the well originally drilled? _____

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used).

NO

5. Give the depth to and name of any overlying and/or underlying oil or gas zones

(pools) in this area. YATES @ 2700'
GLORIETA @ 5800'

PHILLIPS PETROLEUM
HALE #12
API# 3002528055

0.0 - 1570.0' 10.75" OD SURF CSG
0.0 - 1570.0' CEMENT 1100 sx

0.0 - 1570.0' 14.75 " OD HOLE

1260 FSL & 2630 FEL
SEC 35 , TWN 17 S, RANGE 35 E
ELEVATION: 4027 KB
SPUD DATE: 04-05-83
COMPLETION DATE: 09-01-83

0.0 - 4800.0' 7" OD PROD CSG
0.0 - 4800.0' CEMENT 2000 sx

0.0 - 4300.0' 2.875 " OD TBG
4300.0 - 4300.0' PACKER ELDER LOKSET
4356.0 - 4700.0' PERFS
1570.0 - 4800.0' 9.5" OD HOLE

PBTD: 4736'
TD: 4800'

INJECTION WELL DATA SHEET

PHILLIPS PETROLEUM COMPANY

HALE / MABLE / H-35

OPERATOR

LEASE

HALE #12

1260' FS, 2630' FE

35

17S

35E

WELL NO.

FOOTAGE LOCATION

SECTION

TOWNSHIP

RANGE

Tabular Data

Surface Casing @ 1570'

Size 10.75" Cemented with 1100 sx
 TOC surface feet determined by Circulation
 Hole size 14.75"

Long String @ 4800'

Size 7" Cemented with 2000 sx
 TOC surface feet determined by Circulation
 Hole size 9.5"

Intermediate Casing @

Size Cemented with
 TOC feet determined by
 Hole size

Injection Interval

4356' to 4700'
 Perforated X
 or
 Open-Hole

Tubing 2.875" lined with plastic coating set in a ELDER LOKSET packer at 4300'
 (brand & model)

Other Data

- Name of the injection formation GRAYBURG SAN ANDRES
- Name of the Field or Pool VACUUM
- Is this a new well drilled for injection? NO
 If no, for what purpose was the well originally drilled? OIL PRODUCER

- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used).

NO

- Give the depth to and name of any overlying and/or underlying oil or gas zones

(pools) in this area. YATES @ 2700'

GLORIETA @ 5800'

HALE #21
API# 3002530615

0.0 - 1547.0' 13.375" OD SURF CSG
0.0 - 1547.0' CEMENT 500 sx

0.0 - 1547.0' 17.5" OD HOLE

1194 FSL & 2040 FEL
SEC 35 , TWN 17 S, RANGE 35 E
ELEVATION: 4024 KB
SPUD DATE: 07-08-89
COMPLETION DATE: 08-04-89

0.0 - 4800.0' 5.5" OD PROD CSG
0.0 - 4800.0' CEMENT 2160 sx

0.0 - 4300.0' 2.875" OD TBG
4300.0 - 4305.0' PACKER ELDER LOKSET
4354.0 - 4645.0' PERFS
1547.0 - 4800.0' 7.875 " OD HOLE

PBTD: 4755'
TD: 4800'

INJECTION WELL DATA SHEET

PHILLIPS PETROLEUM COMPANY

HALE / MABLE / H-35

OPERATOR

LEASE

HALE #21

1194' FS, 2040' FE

35

17S

35E

WELL NO.

FOOTAGE LOCATION

SECTION

TOWNSHIP

RANGE

Tabular Data

Surface Casing @ 1547'

Size 13.375" Cemented with 500 sx
 TOC surface feet determined by Circulation
 Hole size 17.5"

Long String @ 4800'

Size 5.5" Cemented with 2160 sx
 TOC surface feet determined by Circulation
 Hole size 7.875"

Intermediate Casing @

Size Cemented with
 TOC feet determined by
 Hole size

Injection Interval

4354' to 4645'
 Perforated X
 or
 Open-Hole

Tubing 2.875" lined with plastic coating set in a ELDER LOKSET packer at 4300'
 (brand & model)

Other Data

1. Name of the injection formation GRAYBURG SAN ANDRES
2. Name of the Field or Pool VACUUM
3. Is this a well drilled for injection? NO

If no, for what purpose was the well originally drilled? OIL PRODUCER

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used).

NO

5. Give the depth to and name of any overlying and/or underlying oil or gas zones

(pools) in this area. YATES @ 2700'

GLORIETA @ 5800'

PHILLIPS PETROLEUM
HALE #13
API# 3002528056

0.0 - 1570.0' 10.75" OD SURF CSG
0.0 - 1570.0' CEMENT 1100 sx

0.0 - 1570.0' 14.75" OD HOLE

1360 FSL & 1210 FEL
SEC 35 , TWN 17 S, RANGE 35 E
ELEVATION: 4022 KB
SPUD DATE: 03-31-83
COMPLETION DATE: 08-07-83

0.0 - 4829.0' 7" OD PROD CSG
0.0 - 4829.0' CEMENT 1795 sx

0.0 - 4300.0' 2.875" OD TBC
4300.0 - 4300.0' PACKER ELDER LOKSET
4367.0 - 4690.0' PERFS
1570.0 - 4830.0' 9.5" OD HOLE

PBTD: 4795'

TD: 4830'

INJECTION WELL DATA SHEET

PHILLIPS PETROLEUM COMPANY

HALE / MABLE / H-35

OPERATOR

LEASE

HALE #13

1360' FS, 1210' FE

35

17S

35E

WELL NO.

FOOTAGE LOCATION

SECTION

TOWNSHIP

RANGE

Tabular Data

Surface Casing @ 1570'

Size 10.75" Cemented with 1100 sx
 TOC surface feet determined by Circulation
 Hole size 14.75"

Long String @ 4829'

Size 7" Cemented with 1795 sx
 TOC surface feet determined by Circulation
 Hole size 9.5"

Intermediate Casing @

Size _____ Cemented with _____
 TOC _____ feet determined by _____
 Hole size _____

Injection Interval

4367' to 4690'
 Perforated X
 or _____
 Open-Hole _____

Tubing 2.875" lined with plastic coating set in a ELDER LOKSET packer at 4300'
 (brand & model)

Other Data

1. Name of the injection formation GRAYBURG SAN ANDRES
2. Name of the Field or Pool VACUUM
3. Is this a new well drilled for injection? NO

If no, for what purpose was the well originally drilled? OIL PRODUCER

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used).

NO

5. Give the depth to and name of any overlying and/or underlying oil or gas zones

(pools) in this area. YATES @ 2700'

GLORIETA @ 5800'

PHILLIPS PETROLEUM
WELL #18
API# 3002528061

0.0 - 1551.0' 13.375" OD SURF CSG
0.0 - 1551.0' CEMENT 170 sx

0.0 - 1551.0' 17.5" OD HOLE

1410 FSL & 10 FEL
SEC 35, TWN 17 S, RANGE 35 E
ELEVATION: 4037 KB
SPUD DATE: 02-01-83
COMPLETION DATE: 05-23-83

0.0 - 3187.0' 8.625" OD INT CSG
0.0 - 3187.0' CEMENT 1050 sx

1551.0 - 3187.0' 11 " OD HOLE

0.0 - 4802.0' 5.5" OD PROD CSG
0.0 - 4802.0' CEMENT 720 sx

0.0 - 4290.0' 2.875" OD TBG
4290.0 - 4295.0' PACKER 5.5" ELDER LOK-SET
4320.0 - 4654.0' PERFS
3187.0 - 4803.0' 7.875" OD HOLE

PBTD: 4754'

TD: 4803'

INJECTION WELL DATA SHEET

PHILLIPS PETROLEUM COMPANY

HALE / MABLE / H-35

OPERATOR

LEASE

HALE #18

1410' FS, 10' FE

35

17S

35E

WELL NO.

FOOTAGE LOCATION

SECTION

TOWNSHIP

RANGE

Tabular Data

Surface Casing @ 1551'

Size 13.375" Cemented with 170 sx
 TOC surface feet determined by Circulation
 Hole size 17.5"

Long String @ 4802'

Size 5.5" Cemented with 720 sx
 TOC surface feet determined by Circulation
 Hole size 7.875"

Intermediate Casing @ 3187'

Size 8.625" Cemented with 1050 sx
 TOC surface feet determined by Circulation
 Hole size 11"

Injection Interval

4320' to 4654'
 Perforated X
 or
 Open-Hole

Tubing 2.875" lined with plastic coating set in a ELDER LOKSET packer at 4290'
 (brand & model)

Other Data

1. Name of the injection formation GRAYBURG SAN ANDRES
2. Name of the Field or Pool VACUUM
3. Is this a well drilled for injection? YES - CURRENTLY A WATER INJECTOR

If no, for what purpose was the well originally drilled?

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used).

NO

5. Give the depth to and name of any overlying and/or underlying oil or gas zones

(pools) in this area. YATES @ 2700'

GLORIETA @ 5800'

PHILLIPS PETROLEUM
HALE #19
API# 3002528062

0.0 - 1570.0' 13.375" OD SURF CSG
0.0 - 1570.0' CEMENT 1650 sx

0.0 - 1570.0' 17.5" OD HOLE

10 FSL & 1210 FEL
SEC 35 , TWN 17 S, RANGE 35 E
ELEVATION: 4022 KB
SPUD DATE: 03-20-83
COMPLETION DATE: 07-23-83

0.0 - 4800.0' 5.5" OD PROD CSG
0.0 - 4800.0' CEMENT 1300 sx

0.0 - 4305.0' 2.875" OD TBG
4301.0 - 4306.0' PACKER ELDER LOKSET
4367.0 - 4710.0' PERFS
1570.0 - 4800.0' 7.875 " OD HOLE

PBTD: 4728'
TD: 4800'

INJECTION WELL DATA SHEET

PHILLIPS PETROLEUM COMPANY
OPERATOR

HALE / MABLE / H-35
LEASE

HALE #19	10' FS, 1210' FE	35	17S	35E
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE

Tabular Data

Surface Casing @ 1570'

Size 13.375" Cemented with 1650 sx
TOC surface feet determined by Circulation
Hole size 17.5"

Long String @ 4800'

Size 5.5" Cemented with 1300 sx
TOC surface feet determined by Circulation
Hole size 7.875"

Intermediate Casing @

Size _____ Cemented with _____
TOC _____ feet determined by _____
Hole size _____

Injection Interval

4367' to 4710'
Perforated X
or _____
Open-Hole _____

Tubing 2.875" lined with plastic coating set in a ELDER LOKSET packer at 4301'
(brand & model)

Other Data

1. Name of the injection formation GRAYBURG SAN ANDRES
2. Name of the Field or Pool VACUUM
3. Is this a well drilled for injection? YES - CURRENTLY A WATER INJECTOR

If no, for what purpose was the well originally drilled? _____

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used).

NO

5. Give the depth to and name of any overlying and/or underlying oil or gas zones

(pools) in this area. YATES @ 2700'
GLORIETA @ 5800'

TEXACO
CVJ #159W
API# 3002527969

0.0 - 375.0' 16" OD SURF CSG
0.0 - 375.0' CEMENT 550 sx

0.0 - 375.0' 20" OD HOLE

0.0 - 1555.0' 11.75" OD INT CSG
0.0 - 1555.0' CEMENT 900 sx

375.0 - 1555.0' 15" OD HOLE

1310 FNL & 100 FWL
SEC 36 , TWN 17 S, RANGE 35 E
ELEVATION: 4009 GR
SPUD DATE: 11-18-82
COMPLETION DATE: 12-04-82

0.0 - 4800.0' 5.5" OD PROD CSG
0.0 - 4800.0' CEMENT 2000 sx

0.0 - 4366.0' 2.875" OD TBG
4356.0 - 4361.0' PACKER ELDER LOKSET
4412.0 - 4730.0' PERFS
1555.0 - 4800.0' 7.875" OD HOLE

PBTD: 4736'
TD: 4800'

INJECTION WELL DATA SHEET

TEXACO E&P INC.

CENTRAL VACUUM UNIT

OPERATOR

LEASE

CVU 159W

1310' FN, 100' FW

36

17S

35E

WELL NO.

FOOTAGE LOCATION

SECTION

TOWNSHIP

RANGE

Tabular Data

Surface Casing @ 375'

Size 16" Cemented with 550 sx
 TOC surface feet determined by Circulation
 Hole size 20"

Long String @ 4800'

Size 5.5" Cemented with 2000 sx
 TOC surface feet determined by Circulation
 Hole size 7.875"

Intermediate Casing @ 1555'

Size 11.75" Cemented with 900 sx
 TOC surface feet determined by Circulation
 Hole size 15"

Injection Interval

4412' to 4730'
 Perforated X
 or
 Open-Hole

Tubing 2.875" lined with plastic coating set in a ELDER LOKSET packer at 4356'
 (brand & model)

Other Data

1. Name of the injection formation GRAYBURG SAN ANDRES
2. Name of the Field or Pool VACUUM
3. Is this a well drilled for injection? YES - CURRENTLY A WATER INJECTOR

If no, for what purpose was the well originally drilled?

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used).

NO

5. Give the depth to and name of any overlying and/or underlying oil or gas zones

(pools) in this area. YATES @ 2700'

GLORIETA @ 5800'

TEXACO
CVD #160W
API# 3002527970

0.0 - 350.0' 16" OD SURF CSG
0.0 - 350.0' CEMENT 350 sx

0.0 - 350.0' 20" OD HOLE

0.0 - 1563.0' 11.75" OD INT CSG
0.0 - 1563.0' CEMENT 1200 sx

350.0 - 1563.0' 14.75" OD HOLE

2602 FNL & 35 FWL
SEC 36 , TWN 17 S, RANGE 35 E
ELEVATION: 4004 GR
SPUD DATE: 10-17-82
COMPLETION DATE: 11-15-82

0.0 - 4800.0' 5.5" OD PROD CSG
0.0 - 4800.0' CEMENT 2000 sx

0.0 - 4313.0' 2.875" OD TBG
4303.0 - 4308.0' PACKER ELDER LOKSET
4356.0 - 4717.0' PERFS
1563.0 - 4800.0' 7.875" OD HOLE

TD: 4800'

INJECTION WELL DATA SHEET

TEXACO E&P INC.

CENTRAL VACUUM UNIT

OPERATOR

LEASE

CVU 160W

2602' FN, 35' FW

36

17S

35E

WELL NO.

FOOTAGE LOCATION

SECTION

TOWNSHIP

RANGE

Tabular Data

Surface Casing @ 350'

Size 16" Cemented with 350 sx
 TOC surface feet determined by Circulation
 Hole size 20"

Long String @ 4800'

Size 5.5" Cemented with 2000 sx
 TOC surface feet determined by Circulation
 Hole size 7.875"

Intermediate Casing @ 1563'

Size 11.75" Cemented with 1200 sx
 TOC surface feet determined by Circulation
 Hole size 14.75"

Injection Interval

4356' to 4717'
 Perforated X
 or
 Open-Hole

Tubing 2.875" lined with plastic coating set in a ELDER LOKSET packer at 4303'
 (brand & model)

Other Data

1. Name of the injection formation GRAYBURG SAN ANDRES
2. Name of the Field or Pool VACUUM
3. Is this a well drilled for injection? YES - CURRENTLY A WATER INJECTOR

If no, for what purpose was the well originally drilled?

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used).

NO

5. Give the depth to and name of any overlying and/or underlying oil or gas zones

(pools) in this area. YATES @ 2700'
GLORIETA @ 5800'

TEXACO
CVU #161W
API# 300252797

0.0 - 374.0' 16" OD SURF CSG
0.0 - 374.0' CEMENT 550 sx

0.0 - 374.0' 20" OD HOLE

0.0 - 1550.0' 11.75" OD INT CSG
0.0 - 1550.0' CEMENT 750 sx

374.0 - 1550.0' 14.75" OD HOLE

180 FSL & 10 FWL
SEC 36 , TWN 17 S, RANGE 35 E
ELEVATION: 4004 GR
SPUD DATE: 12-15-82
COMPLETION DATE: 01-11-83

0.0 - 4800.0' 5.5" OD PROD CSG
0.0 - 4800.0' CEMENT 2000 sx

0.0 - 4309.0' 2.875" OD TBG
4299.0 - 4304.0' PACKER ELDER LOKSET
4391.0 - 4727.0' PERFS
1550.0 - 4800.0' 7.875" OD HOLE

TD: 4800'

INJECTION WELL DATA SHEET

TEXACO E&P INC.

CENTRAL VACUUM UNIT

OPERATOR

LEASE

CVU 161W

180' FS, 10' FW

36

17S

35E

WELL NO.

FOOTAGE LOCATION

SECTION

TOWNSHIP

RANGE

Tabular Data

Surface Casing @ 374'

Size 16" Cemented with 550 sx
 TOC surface feet determined by Circulation
 Hole size 20"

Long String @ 4800'

Size 5.5" Cemented with 2000 sx
 TOC surface feet determined by Circulation
 Hole size 7.875"

Intermediate Casing @ 1550'

Size 11.75" Cemented with 750 sx
 TOC surface feet determined by Circulation
 Hole size 14.75"

Injection Interval

4391' to 4727'
 Perforated X
 or
 Open-Hole

Tubing 2.875" lined with plastic coating set in a ELDER LOKSET packer at 4299'
 (brand & model)

Other Data

1. Name of the injection formation GRAYBURG SAN ANDRES
2. Name of the Field or Pool VACUUM
3. Is this a well drilled for injection? YES - CURRENTLY A WATER INJECTOR

If no, for what purpose was the well originally drilled?

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used).

NO

5. Give the depth to and name of any overlying and/or underlying oil or gas zones

(pools) in this area. YATES @ 2700'

GLORIETA @ 5800'

TD: 4800'

INJECTION WELL DATA SHEET

TEXACO E&P INC.

VACUUM GRAYBURG SAN ANDRES UNIT

OPERATOR

LEASE

VGSAU #62W

65' FN, 1330' FW

02

18S

34E

WELL NO.

FOOTAGE LOCATION

SECTION

TOWNSHIP

RANGE

Tabular Data

Surface Casing @ 375'

Size 16" Cemented with 500 sx
 TOC surface feet determined by Circulation
 Hole size 20"

Long String @ 4800'

Size 5.5" Cemented with 2000 sx
 TOC surface feet determined by Circulation
 Hole size 7.875"

Intermediate Casing @ 1615'

Size 11.75" Cemented with 750 sx
 TOC surface feet determined by Circulation
 Hole size 15"

Injection Interval

4516' to 4755'
 Perforated X
 or
 Open-Hole

Tubing 2.875" lined with plastic coating set in a ELDER LOKSET packer at 4464'
 (brand & model)

Other Data

- Name of the injection formation GRAYBURG SAN ANDRES
- Name of the Field or Pool VACUUM
- Is this a well drilled for injection? YES - CURRENTLY A WATER INJECTOR

If no, for what purpose was the well originally drilled?

- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used).

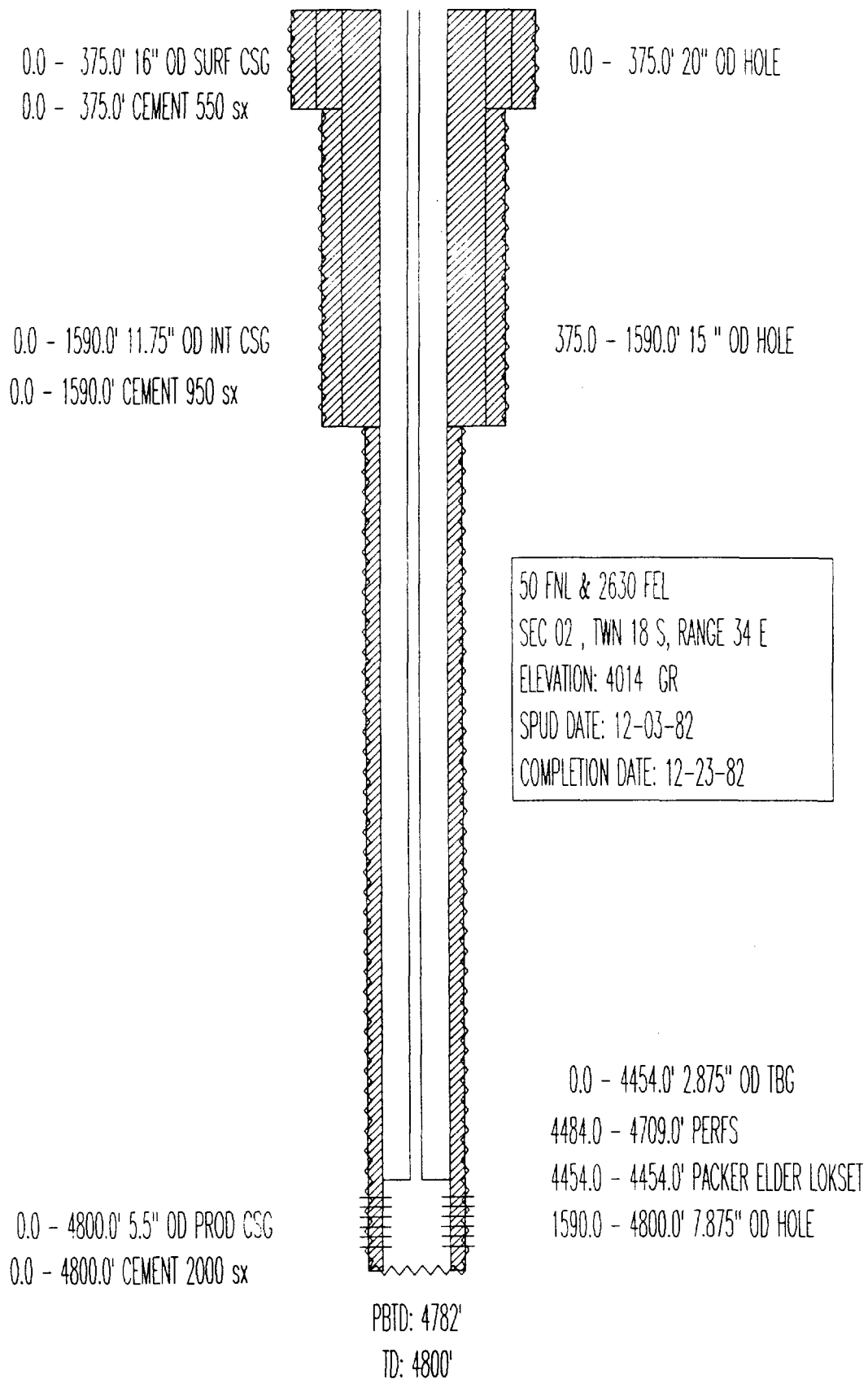
NO

- Give the depth to and name of any overlying and/or underlying oil or gas zones

(pools) in this area. YATES @ 2700'

GLORIETA @ 5800'

TEXACO
VAC. GBSA UNIT #63W
API# 3002527974



INJECTION WELL DATA SHEET

TEXACO E&P INC.

VACUUM GRAYBURG SAN ANDRES UNIT

OPERATOR

LEASE

VGSAU #63W

50' FN, 2630' FE

02

18S

34E

WELL NO.

FOOTAGE LOCATION

SECTION

TOWNSHIP

RANGE

Tabular Data

Surface Casing @ 375'

Size 16" Cemented with 550 sx
 TOC surface feet determined by Circulation
 Hole size 20"

Long String @ 4800'

Size 5.5" Cemented with 2000 sx
 TOC surface feet determined by Circulation
 Hole size 7.875"

Intermediate Casing @ 1590'

Size 11.75" Cemented with 950 sx
 TOC surface feet determined by Circulation
 Hole size 15"

Injection Interval

4484' to 4709'
 Perforated X
 or
 Open-Hole

Tubing 2.875" lined with plastic coating set in a ELDER LOKSET packer at 4454'
 (brand & model)

Other Data

- Name of the injection formation GRAYBURG SAN ANDRES
- Name of the Field or Pool VACUUM
- Is this a well drilled for injection? YES - CURRENTLY A WATER INJECTOR

If no, for what purpose was the well originally drilled?

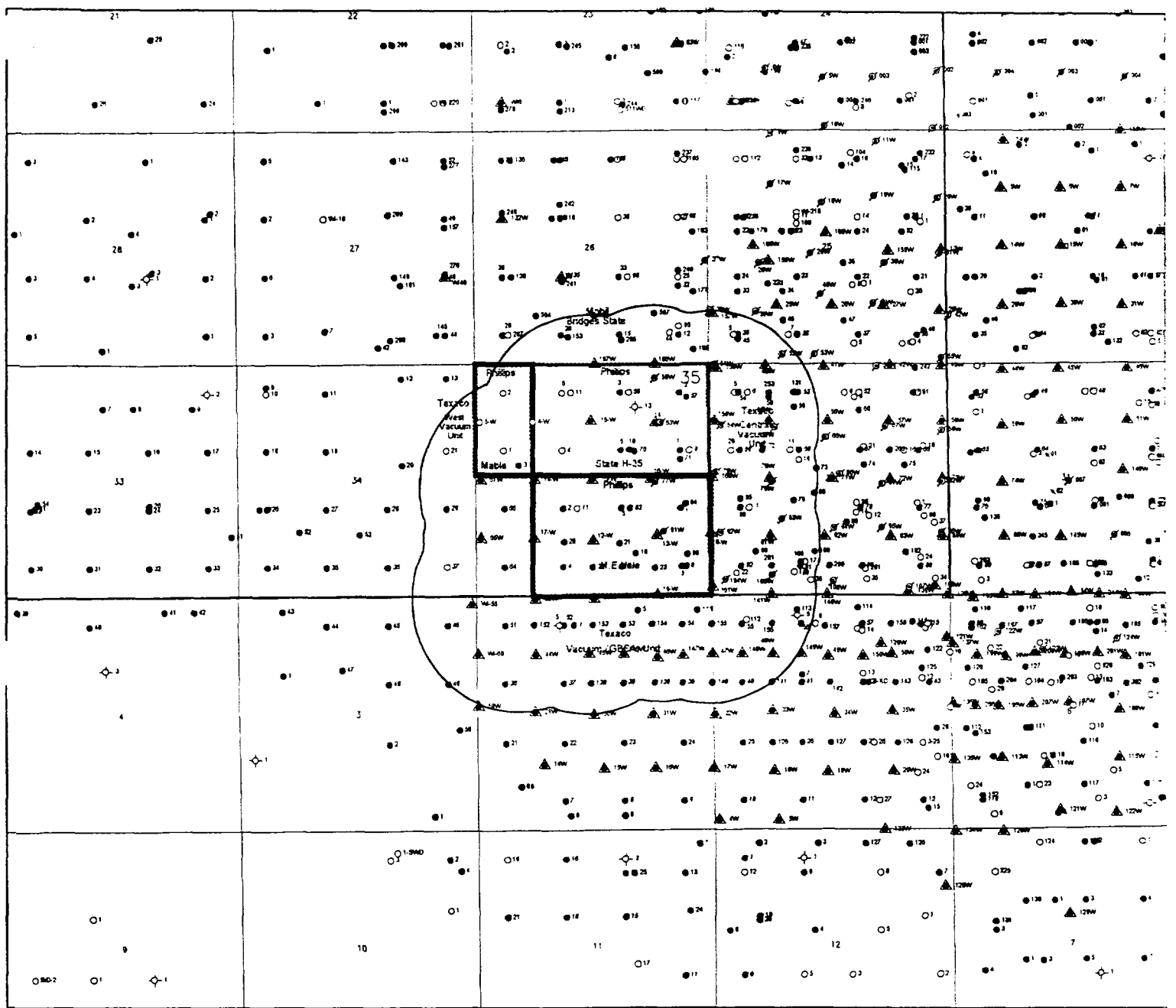
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used).

NO

- Give the depth to and name of any overlying and/or underlying oil or gas zones

(pools) in this area. YATES @ 2700'

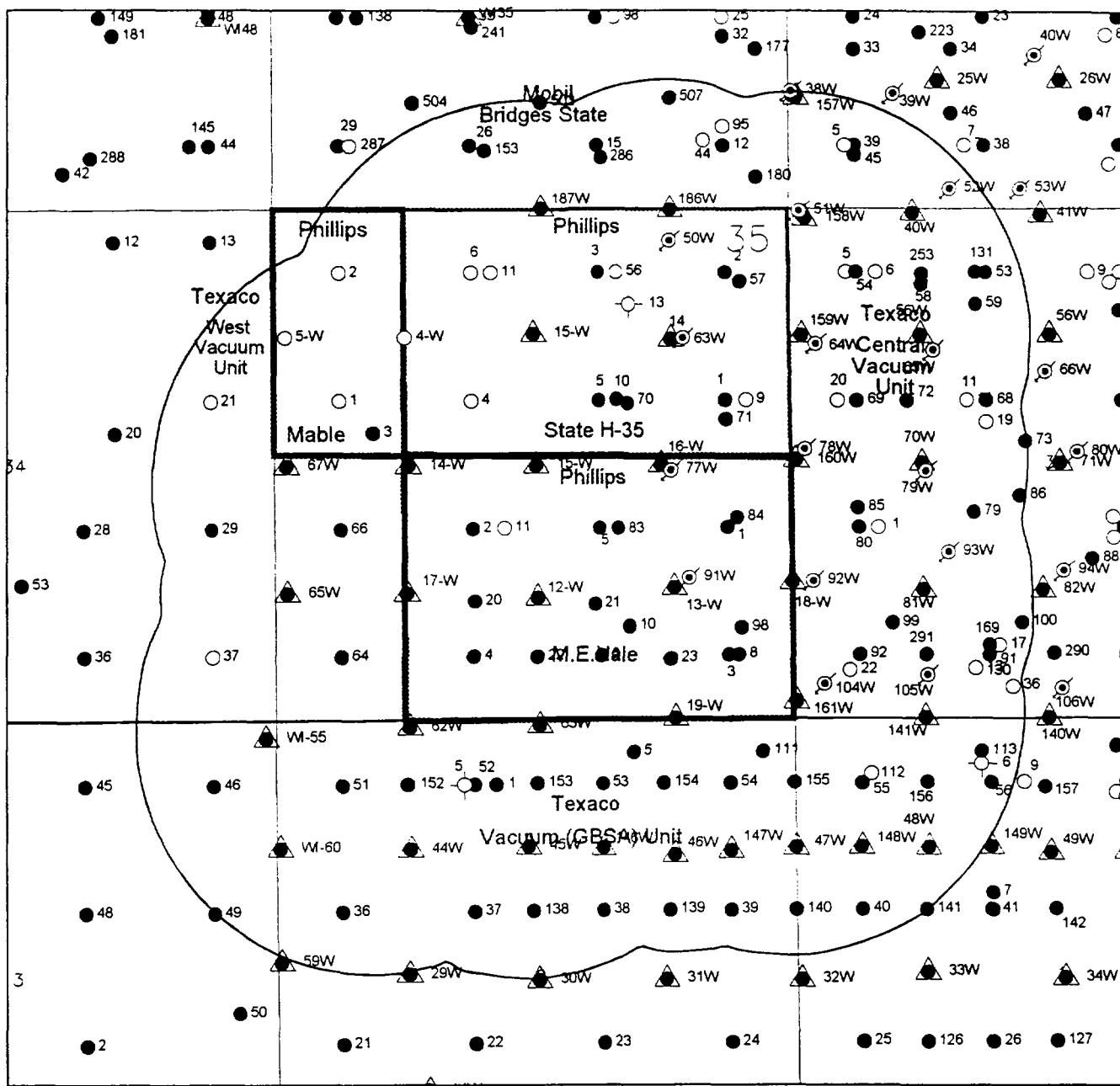
GLORIETA @ 5800'



1000. 0. 1000. 2000. 3000. 4000. 5000. feet



Phillips Petroleum		
State 35 Unit Area of Review Lea County, New Mexico		
NMET	Attachment V	28-Mar-96
Cart: L. J. Strenz		Scale 1:12,000



1000. 0. 1000. 2000. 3000. 4000. 5000. feet

Phillips Petroleum

State 35 Unit
Area of Review
Lea County, New Mexico

NMET

Attachment V

28-Mar-96

Crat: L. J. Streinz

Scale 1:12,000

STATE 36 UNIT

ATTACHMENT VI TO FORM C-108
APPLICATION FOR AUTHORIZATION TO INJECT
WELLS WITHIN 1/2 MILE RADIUS OF REVIEW
REVIEW WELLS WITHIN UNIT BOUNDARY

Operator	Lease Name	Well No.	API Number	Location	Surface Casing Size(in) Depth(ft) Cmt(ft)	Intermediate Casing Size(in) Depth(ft) Cmt(ft)	Production Casing Size(in) Depth(ft) Cmt(ft)	Top of Cement*	Date Drilled	Record of Completion Original	Current	Current Status	Total Depth
Mobil	Bridges State	166W	3002528427	6' FN, 1200' FE 35-17S-34E	8 5/8 1670 1400		5 1/2 4900 1600	surface	03-03-84	4414 - 4713 SADR		WATER INJ	4900'
Phillips	H-35	1	3002502213	1880' FN, 660' FE 35-17S-34E	10 3/4 288 250	7 5/8 1532 425	5 1/2 4131 425	2712 M	04-16-38	4131 - 4700 GBSA		PROD	4700'
Phillips	H-35	2	3002502214	660' FN, 660' FE 35-17S-34E	10 3/4 288 225	7 5/8 1564 425	5 1/2 4130 425	772 C	11-02-38	4130 - 4700 GBSA		PROD	4700'
Phillips	H-35	3	3002502215	660' FN, 1980' FE 35-17S-34E	10 3/4 288 250	7 5/8 1561 425	5 1/2 4148 425	788' C	12-06-38	4148 - 4691 GBSA		PROD	4700'
Phillips P&A(Conoco)	H-35	4	3002502216	1980' FN, 1980' FW 35-17S-34E	10 3/4 300 225	7 5/8 1554 425	5 1/2 4151 425	793' C	02-08-39	4151-4715 GBSA		P&A **	4715'
Phillips	H-35	5	3002502217	1980' FN, 1980' FE 35-17S-34E	10 3/4 288 225	7 5/8 1561 425	5 1/2 4149 425	791' C	03-15-39	4149 - 4764 GBSA		TA	4764'
Phillips P&A(Conoco)	H-35	6	3002502218	660' FN, 1980' FW 35-17S-34E	10 3/4 288 225	7 5/8 1555 425	5 1/2 4168 425	809' C	05-07-39	4168 - 4753 GBSA		P&A **	4753'
Phillips	H-35	9	3002502228	1980' FN, 450' FE 35-17S-34E	11 3/4 366 450	8 5/8 4940 600	5 1/2 10084 200	5810' M	12-08-63	9807 - 10074 WFMP	9052 - 9232 ABO	PROD	10084'
Phillips P&A(Conoco)	H-35	10	300250664	2030' FN, 1780' FE 35-17S-34E	10 3/4 1598 730		2 7/8 8750 1725 4 1/2 8750 total	2700' M	12-15-63	4438 - 5852 SA	6560 - 6690 GLRT/BLBR	P&A **	6750'
Phillips P&A(Conoco)	H-35	11	3002520497	660' FN, 2180' FW 35-17S-34E	10 3/4 1520 785		No production casing set		02-13-64			P&A **	6400'
Phillips P&A(Conoco)	H-35	13	3002521898	660' FN, 1850' FE 35-17S-34E	8 5/8 1525 700		No production casing set		12-31-66			P&A **	6033'
Phillips	Hale	1	3002502219	1980' FS, 660' FE 35-17S-34E	13 3/8 250 200	9 5/8 1572 250	7 4289 400 4 1/2 4646 125	2532 C 4137 M	02-17-38	4324 - 4598 GBSA		PROD	4648'
Phillips	Hale	2	3002502220	1980' FS, 1980' FW 35-17S-34E	9 5/8 1538 875	7 4170 400	4 1/2 4778 160	4019' M	12-12-38	4412 - 4664 GBSA		PROD	4778'
Phillips	Hale	3	3002502221	660' FS, 660' FE 35-17S-34E	9 5/8 1491 875		7 4069 400	2342' C	01-02-39	4069 - 4721 GBSA		PROD	4721'
Phillips	Hale	4	3002508455	660' FS, 1980' FW 35-17S-34E	9 5/8 1565 800	7 4145 400	4 1/2 4744 160	3660' M	07-15-39	4415 - 4651 GBSA		PROD	4744'
Phillips	Hale	5	3002502222	1980' FS, 1980' FE 35-17S-34E	9 5/8 1544 900		7 4088 400	2767' C	05-14-39	4088 - 4699 GBSA		PROD	4699'
Phillips	Hale	6	3002502223	600' FS, 1980' FE 35-17S-34E	9 5/8 1523 623		7 4089 400	1162' C	05-23-40	4089 - 4721 GBSA		PROD	4721'
Phillips	Hale	8	3002520780	660' FS, 560' FE 35-17S-34E	13 3/8 320 360	9 5/8 3250 400	4 1/2 10359 1180 2 7/8 6428 total	2200' C	04-18-64	5896 - 6110 GLRT	4390 - 4670 GBSA	PROD	10400'
										9546 - 10044 WFMP			

STATE 36 UNIT

**ATTACHMENT VI TO FORM C-108
APPLICATION FOR AUTHORIZATION TO INJECT**

WELLS WITHIN 1/2 MILE RADIUS OF REVIEW

REVIEW WELLS WITHIN UNIT BOUNDARY

Operator	Lease Name	Well No.	API Number	Location	Surface Casing Size(in) Depth(ft)	Intermediate Casing Size(in) Depth(ft)	Production Casing Size(in) Depth(ft)	Top of Cement	Date Drilled	--Record of Completion-- Original Current	Current Status	Total Depth
Phillips	Hale	10	3002520782	980' FS, 1880' FE 35-17S-34E	8 5/8 1800	700	4 1/2 6200	3150' M	08-13-84	3004 - 3090 YTES 5944 - 6148 GLRT	PROD	6200'
Phillips	Hale	11	3002520779	1980' FS, 2310' FW 35-17S-34E	8 5/8 1595	750	4 1/2 6225	2500' M	10-31-84	2997 - 3100 YTES 5014 - 5233 SADR	TA	6225'
Phillips	Hale	20	3002530814	1225' FS, 2000' FW 35-17S-34E	13 3/8 1810	1500	5 1/2 4800	surface	08-20-89	4387 - 4880 SADR	PROD	4800'
Phillips	Hale	22	3002530818	850' FS, 2830' FW 35-17S-34E	13 3/8 1803	1500	5 1/2 4800	300' M	07-21-89	4411 - 4803 SADR	PROD	4800'
Phillips	Hale	23	3002530817	620' FS, 1250' FE 35-17S-34E	13 3/8 1567	1500	5 1/2 4800	surface	08-05-89	4390 - 4586 SADR	PROD	4800'
Phillips	Mable	1	3002502224	1980' FN, 680' FW 35-17S-34E	9 5/8 1547	890	7 4172	2935' M	01-02-39	4478 - 4708 SADR	TA	4716'
Phillips	Mable	2	3002502225	680' FN, 680' FW 35-17S-34E	9 5/8 1573	900	7 4168	2409' C	08-04-39	4168 - 4800 SADR	TA	4800'
Phillips	Mable	3	3002522955	2310' FN, 980' FW 35-17S-34E	8 5/8 387	300	4 1/2 4758	2825' M	04-08-89	4484 - 4888 SADR	PROD	4748'
Phillips	Mable	4W	3002528053	1330' FN, 1310' FW 35-17S-34E	8 5/8 349	400	5 1/2 4800	surface	07-23-83	4508 - 4586 GBSA	SI	4800'
Phillips	Mable	5W	3002528054	1330' FN, 110' FW 35-17S-34E	8 5/8 1581	1000	5 1/2 4800	surface	07-23-83	4548 - 4586 GBSA	SI	4800'
Texaco	Vac. Glorieta West Unit	50W	3002531870	328' FN, 1214' FE 35-17S-34E	8 5/8 1530	850	5 1/2 6288	surface	08-08-93	5945 - 6100 PDCK	WATER INJ.	6288'
Texaco	Vac. Glorieta West Unit	56	3002530329	680' FN, 1780' FE 35-17S-34E	13 3/8 375	375	7 12413	surface	10-28-83	9154 - 10086 ABOAWFMP 11331 - 11345 ATOK 12255 - 12275 DVNN	PROD	12413'
Texaco	Vac. Glorieta West Unit	57	3002520510	780' FN, 510' FE 35-17S-34E	8 5/8 1580	800	5 1/2 6750	surface	07-29-83	5984 - 5984 GLRT	PROD	6750'
Texaco	Vac. Glorieta West Unit	63W	3002531871	1340' FN, 1080' FE 35-17S-34E	8 5/8 1530	650	5 1/2 6360	533' C	08-15-93	5901 - 6004 GLRT/PDCK	WATER INJ.	6360'
Texaco	Vac. Glorieta West Unit	70	3002532270	2008' FN, 1668' FE 35-17S-34E	8 5/8 1520	650	5 1/2 6320	surface	01-30-94	5870-6058 GLRT/PDCK	PROD	6320'
Texaco	Vac. Glorieta West Unit	71	3002520665	2180' FN, 680' FE 35-17S-34E	7 7/8 1516	520	4 1/2 6245	2212' C	04-02-84	5934 - 6098 GLRT	PROD	6245'
Texaco	Vac. Glorieta West Unit	77W	3002531872	2588' FS, 1228' FE 35-17S-34E	8 5/8 1550	650	5 1/2 6315	surface	08-25-93	5911 - 6020 GLRT/PDCK	WATER INJ.	6315'

STATE 35 UNIT

**ATTACHMENT VI TO FORM C-108
APPLICATION FOR AUTHORIZATION TO INJECT**

WELLS WITHIN 1/2 MILE RADIUS OF REVIEW

REVIEW WELLS WITHIN UNIT BOUNDARY

Operator	Lease Name	Well No.	API Number	Location	Surface Casing			Intermediate Casing			Production Casing			Top of Cement*	Date Drilled	Record of Completion---		Current Status	Total Depth
					Size(in)	Depth(ft)	Cmt(ftx)	Size(in)	Depth(ft)	Cmt(ftx)	Size(in)	Depth(ft)	Cmt(ftx)			Original	Current		
Texaco	Vac. Glorieta West Unit	83	3002520781	1980' FS, 1785' FE 35-17S-34E	13 3/8	323	350	9 5/8	3400	400	7	10497	1080	surface	08-10-84	9238 - 10134 ABOWFMP	5982 - 6114 GLRT	PROD	10500'
Texaco	Vac. Glorieta West Unit	84	3002520778	2080' FS, 580' FE 35-17S-34E	9 5/8	1508	642				4 1/2	6900	1133	surface	01-03-84	5928 - 5948 GLRT		PROD	6000'
Texaco	Vac. Glorieta West Unit	91W	3002531873	1459' FS, 1048' FE 35-17S-34E	8 5/8	1545	650				5 1/2	6315	1900	surface	07-07-93	5874 - 6009 GLRT/PDCK		WATER INJ	
Texaco	Vac. Glorieta West Unit	98	3002532283	937' FS, 532' FE 35-17S-34E	8 5/8	1500	650				5 1/2	6289	1925	surface	02-08-94	5876 - 5988 GLRT/PDCK		PROD	6289'

* Top of Cement

M - Measured by Temp. Survey or Cement Bond Log

C - Calculated using a cement yield of 1.32 cu. ft./sack and assuming 50% excess

** See Diagram for plugging detail

STATE 35 UNIT

ATTACHMENT VI TO FORM C-108
APPLICATION FOR AUTHORIZATION TO INJECT
WELLS WITHIN 1/2 MILE RADIUS OF REVIEW
REVIEW WELLS OUTSIDE OF UNIT BOUNDARY

Operator	Lease Name	Well No.	API Number	Location	Surface Casing			Intermediate Casing			Production Casing			Top of Complet.	Date Drilled	Record of Completion	Current Status	Total Depth
					Size(in)	Depth(ft)	Conctv(%)	Size(in)	Depth(ft)	Conctv(%)	Size(in)	Depth(ft)	Conctv(%)			Original		
Texaco	Cent Vac. Unit	70W	3002525726	2630' FN, 1310' FW 36-17S-34E	9 5/8	387	450				4 1/2	4800	2200	surface	02-12-76	4380 - 4710 GBSA	WATER INJ.	4800'
Texaco	Cent Vac. Unit	79	3002502229	2140' FS, 1840' FW 36-17S-34E	10 3/4	255	200	7 5/8	1513	300	5 1/2	4252	280	3186' C	04-21-38	4252 - 4690 GBSA	PROD	4690'
Texaco	Cent Vac. Unit	80	3002502234	1980' FS, 660' FW 36-17S-34E	10 3/4	473	250				7	4060	176	3285' C	02-27-38	4060 - 4628 GBSA	PROD	4680'
Texaco	Cent Vac. Unit	81W	3002525708	1332' FS, 1310' FW 36-17S-34E	13 3/8	355	400	9 5/8 7	1500 2785	800 650	4 1/2	4800	800	surface	04-05-79	4322 - 4705 GBSA	WATER INJ.	4800'
Texaco	Cent Vac. Unit	91	3002502243	660' FS, 1940' FW 36-17S-34E	7 5/8	1542	300				5 1/2	4070	200	3308' C	11-04-38	4070 - 4710 GBSA	P.L.A.	4710'
Texaco	Cent Vac. Unit	92	3002502242	660' FS, 660' FW 36-17S-34E	7 5/8	1540	300				5 1/2	4096	200	2200' C	10-04-38	4096 - 4710 GBSA	PROD	4710'
Texaco	Cent Vac. Unit	141W	3002526001	10' FS, 1310' FW 36-17S-34E	13 3/8	361	400	9 5/8 7	1416 2785	800 650	4 1/2	4800	750	surface	01-18-79	4360 - 4726 GBSA	WATER INJ.	4800'
Texaco	Cent Vac. Unit	157W	3002527987	1150' FS, 75' FW 25-17S-34E	16	349	550	11 3/4	1500	950	5 1/2	4800	2000	surface	11-24-82	4414 - 4726 GBSA	WATER INJ.	4800'
Texaco	Cent Vac. Unit	158W	3002527988	100' FN, 150' FW 36-17S-34E	16	350	550	11 3/4	1555	950	5 1/2	4800	2000	surface	11-05-82	4405 - 4726 GBSA	WATER INJ.	4800'
Texaco	Cent Vac. Unit	169	3002528765	780' FS, 1980' FW 36-17S-34E	20 13 3/8	354 1525	1000 1550	9 5/8	2742	1600	7	4276	750	983' C	12-10-88	4276 - 4710 GBSA	PROD	4710'
Texaco	Cent Vac. Unit	253	3002530103	875' FN, 1330' FW 36-17S-34E	20	360	850	13 3/8	1570	1600	7	4325	2050	50' M	03-13-88	4325 - 4720 GBSA	PROD	4720'
Texaco	Cent Vac. Unit	291	3002531185	860' FS, 1330' FW 36-17S-34E	13 3/8	1538	1400	9 5/8	2800	1450	7	4850	850	surface	07-30-91	4301 - 4880 GBSA	PROD	4850'
Texaco	Vac. Gloria West Unit	38W	3002531699	1217' FS, 24' FW 25-17S-34E	8 5/8	1550	600				5 1/2	6270	1375	1031' C	10-08-92	6096 - 6127 PDCK	WATER INJ.	6270'
Texaco	Vac. Gloria West Unit	45	3002520050	540' FS, 660' FW 25-17S-34E	9 5/8	380	350				5 1/2	6788	2500	surface	08-20-83	5943 - 6759 GLRT/BLBR	PROD	6788'
Texaco	Vac. Gloria West Unit	44	3002520068	710' FS, 860' FE 26-17S-34E	8 5/8	1567	850				5 1/2	6750	1575	782' C	01-20-83	5974 - 6528 GLRT/YESO	SI	6750'
Texaco	Vac. Gloria West Unit	51W	3002531728	24' FN, 101' FW 36-17S-34E	8 5/8	1550	650				5 1/2	6255	2175	surface	11-10-92	5980 - 6142 PDCK	WATER INJ.	6255'
Texaco	Vac. Gloria West Unit	52W	3002531702	214' FS, 1630' FW 25-17S-34E	8 5/8	1550	650				5 1/2	6285	1675	surface	11-18-92	6002 - 6159 PDCK	WATER INJ.	6285'
Texaco	Vac. Gloria West Unit	56	3002530715	660' FN, 969' FW 36-17S-34E	11 3/4	1555	1300	8 5/8	3000	750	5 1/2	6600	1205	surface	01-17-90	5967 - 6146 GLRT	PROD	6600'
Texaco	Vac. Gloria West Unit	59	3002530871	990' FN, 1680' FW 36-17S-34E	11 3/4	1550	1200	8 5/8	3000	850	5 1/2	6270	1200	1700' C	04-08-91	5887 - 6242 GLRT/PDCK	PROD	6270'

STATE 35 UNIT

ATTACHMENT VI TO FORM C-108
APPLICATION FOR AUTHORIZATION TO INJECT
WELLS WITHIN 1/2 MILE RADIUS OF REVIEW
REVIEW WELLS OUTSIDE OF UNIT BOUNDARY

Company	Lease Name	Well No.	API Number	Location	Surface Casing		Intermediate Casing		Production Casing		Top of Cement - Casehead - Contract	Date Drilled	--Record of Completion-- Directional Contract	Current Status	Total Depth	
					Size(In)	Depth(ft)	Size(In)	Depth(ft)	Size(In)	Depth(ft)						
Texaco	Vac. Gloria West Unit	64W	3002531704	1484' FN, 204' FW 36-17S-34E	8 5/8	1527	8 5/8		5 1/2	8255	1550	352' C	11-07-92	5951 - 6109 PDC	WATER INJ	6255'
Texaco	Vac. Gloria West Unit	65W	3002531705	1522' FN, 1492' FW 36-17S-34E	8 5/8	1550			5 1/2	8270	1725	surface	10-26-92	5960 - 6136 PDC	WATER INJ	6270'
Texaco	Vac. Gloria West Unit	72	3002530779	2008' FN, 990' FW 36-17S-34E	11 3/4	1512	1300	650	5 1/2	8250	1350	surface	02-17-90	5947 - 6116 GLRT	PROD	6250'
Texaco	Vac. Gloria West Unit	73	3002530714	2310' FN, 1980' FW 36-17S-34E	11 3/4	1550	1300	900	5 1/2	8260	1125	surface	02-17-90	6103 - 6135 GLRT	PROD	6260'
Texaco	Vac. Gloria West Unit	78W	3002531707	2491' FN, 127' FW 36-17S-34E	8 5/8	1535	650		5 1/2	8250	2375	surface	11-14-92	5922 - 6116 GLRT	WATER INJ	6250'
Texaco	Vac. Gloria West Unit	79W	3002531708	2561' FS, 1351' FW 36-17S-34E	8 5/8	1545	650		5 1/2	8255	2000	surface	11-23-92	5902 - 6124 PDC	WATER INJ	6255'
Texaco	Vac. Gloria West Unit	85	3002520238	2180' FS, 660' FW 36-17S-34E	9 5/8	1520	1685		7	6850	2295	surface	11-30-93	5916 - 6807 GLRT/BLBR	PROD	6850'
Texaco	Vac. Gloria West Unit	88	3002520179	2310' FS, 2310' FW 36-17S-34E	8 5/8	1536	1175		5 1/2	8650	900	3422' C	07-19-93	5930 - 6760 GLRT/BLBR	PROD	6850'
Texaco	Vac. Gloria West Unit	92W	3002531809	1428' FS, 198' FW 36-17S-34E	8 5/8	1506	650		5 1/2	8241	1750	surface	01-26-93	5942 - 5978 GLRT/PDC	WATER INJ	6241'
Texaco	Vac. Gloria West Unit	93W	3002531810	1723' FS, 1575' FW 36-17S-34E	11 3/4	1486	689		5 1/2	8268	2350	surface	02-08-93	5962 - 6120 PDC	WATER INJ	6268'
Texaco	Vac. Gloria West Unit	99	3002528919	990' FS, 990' FW 36-17S-34E	16	415	590	1550	5 1/2	8180	800	surface	09-11-97	5907 - 5989 GLRT	PROD	6180'
Texaco	Vac. Gloria West Unit	100	3002530478	990' FS, 2310' FW 36-17S-34E	16	425	700	1650	5 1/2	8270	900	2842' C	05-04-98	6103 - 6132 PDC	PROD	6180'
Texaco	Vac. Gloria West Unit	104W	3002531658	361' FS, 300' FW 36-17S-34E	8 5/8	1500	650		5 1/2	8245	1390	951' C	04-07-93	5944 - 5963 PDC	WATER INJ	6245'
Texaco	Vac. Gloria West Unit	105W	3002531860	453' FS, 1340' FW 36-17S-34E	11 3/4	1500	840		5 1/2	8231	1750	surface	05-20-93	5901 - 6102 PDC	WATER INJ	6231'
Texaco	Vac. Gloria West Unit	111	3002521111	330' FN, 330' FE 02-18S-34E	11 3/4	1550	1000		2 7/8	8650	1800	surface	10-09-94	6011 - 6033 GLRT	PROD	6650'
Texaco	Vac. Gloria West Unit	112	3002520515	560' FN, 780' FW 01-18S-34E	13 3/8	1504	1150	1700	2 7/8	8473	2250	surface	11-18-93	5938 - 6060 WFMP	SI	12215'
Texaco	Vac. Gloria West Unit	113	3002521107	330' FN, 1880' FE 01-18S-34E	10 3/4	1485	1200	800	4 1/2	8248	600	3342' M	02-27-95	5982 - 6092 GLRT	PROD	6250'
Texaco	Vac. Gloria West Unit	130	3002520046	519' FS, 1039' FW 36-17S-34E	11 3/4	1550	900	500	2 7/8	8650	1200 for 2 stands	surface	02-18-93	6246 - 6477 BLBR	PROD	6853'
Texaco	Vac. Gloria West Unit	131	3002520334	660' FN, 1880' FW 36-17S-34E	9 5/8	1517	600		2 7/8	8750	1687 for 2 stands	surface	06-24-93	6424 - 6706 BLBR	PROD	8750'

STATE 35 UNIT

ATTACHMENT VI TO FORM C-108
APPLICATION FOR AUTHORIZATION TO INJECT
WELLS WITHIN 1/2 MILE RADIUS OF REVIEW
REVIEW WELLS OUTSIDE OF UNIT BOUNDARY

Operator	Lease Name	Well No.	API Number	Location	Surface Casing			Intermediate Casing			Production Casing			Top of Complet.	Date Drilled	Record of Completion-- Original	Current Status	Total Depth
					Size(in)	Depth(ft)	Constr(x)	Size(in)	Depth(ft)	Constr(x)	Size(in)	Depth(ft)	Constr(x)					
Texaco	Vac GBSA Unit	29W	3002524313	2630' FN, 1310' FW 02-18S-34E	8 5/8	350	235				5 1/2	4800	200	4036' C	01-14-73	4526 - 4713 GBSA	WATER INJ	4800'
Texaco	Vac GBSA Unit	30	3002524307	2630' FS, 2630' FW 02-18S-34E	8 5/8	354	300				5 1/2	4800	500	2896' C	01-31-73	4443 - 4740 GBSA	WATER INJ	4800'
Texaco	Vac GBSA Unit	36	3002502269	1960' FN, 660' FW 02-18S-34E	8 5/8	1690	300				5 1/2	4079	200	3317' C	10-27-40	4079 - 4710 GBSA	PROD	4710'
Texaco	Vac GBSA Unit	37	3002502268	1960' FN, 1960' FW 02-18S-34E	8 5/8	1648	200				5 1/2	4068	200	3328' C	09-28-40	4068 - 4710 GBSA	PROD	4710'
Texaco	Vac GBSA Unit	38	3002502265	1960' FN, 1960' FE 02-18S-34E	8 5/8	1610	300				5 1/2	4079	200	3317' C	09-01-40	4079 - 4710 GBSA	PROD	4710'
Texaco	Vac GBSA Unit	39	3002502284	1960' FN, 660' FE 02-18S-34E	8 5/8	1575	300				5 1/2	4090	200	3328' C	06-05-40	4090 - 4710 GBSA	PROD	4710'
Texaco	Vac GBSA Unit	40	3002502252	1960' FN, 660' FW 01-18S-34E	8 5/8	1559	300				5 1/2	4076	200	3314' C	07-12-40	4076 - 4710 GBSA	PROD	4710'
Texaco	Vac GBSA Unit	58	3002502251	660' FN, 1960' FW 01-18S-34E	8 5/8	1520	200				5 1/2	4068	200	3306' C	04-22-40	4068 - 4710 GBSA	PROD	4710'
Texaco	Vac GBSA Unit	136	3002530754	1960' FN, 2533' FW 02-18S-34E	9 5/8	1550	600				7	5000	1030	surface	03-31-90	4289 - 4738 GBSA	PROD	5000'
Texaco	Vac GBSA Unit	139	3002530755	1960' FN, 1262' FE 02-18S-34E	9 5/8	1570	856				7	5000	1200	surface	03-15-90	4427 - 4606 GBSA	PROD	5000'
Texaco	Vac GBSA Unit	140	3002530756	1960' FN, 10' FE 02-18S-34E	9 5/8	1550	600				7	5000	1125	surface	04-12-90	4199 - 4792 GBSA	PROD	5000'
Texaco	Vac GBSA Unit	141	3002530797	1960' FN, 1309' FW 01-18S-34E	9 5/8	1550	910				7	6004	1100	surface	06-16-90	4250 - 5654 GBSA	PROD	6004'
Texaco	Vac GBSA Unit	44W	3002524362	1330' FN, 1330' FW 02-18S-34E	8 5/8	356	300				5 1/2	4800	500	2896' C	03-19-73	4443 - 4732 GBSA	WATER INJ	4800'
Texaco	Vac GBSA Unit	45W	3002524363	1310' FN, 2530' FW 02-18S-34E	8 5/8	356	300				4 1/2	4800	400	3277' C	04-09-73	4433 - 4756 BADR	WATER INJ	4800'
Texaco	Vac GBSA Unit	46W	3002524364	1405' FN, 1230' FE 02-18S-34E	8 5/8	356	300				5 1/2	4600	300	3657' C	03-07-73	4319 - 4697 GBSA	WATER INJ	4800'
Texaco	Vac GBSA Unit	47W	3002524365	1330' FN, 10' FE 02-18S-34E	8 5/8	355	300				4 1/2	4600	600	2112' C	04-04-73	4361 - 4738 GBSA	WATER INJ	4800'
Texaco	Vac GBSA Unit	48	3002524322	1330' FN, 1330' FW 01-18S-34E	8 5/8	325	200				5 1/2	4600	500	2896' C	02-08-73	4369 - 4730 BADR	WATER INJ	4800'
Texaco	Vac GBSA Unit	51	3002502266	660' FN, 660' FW 02-18S-34E	7 5/8	1601	350				5 1/2	4223	200	3461' C	05-29-39	4223 - 4700 GBSA	PROD	4700'
Texaco	Vac GBSA Unit	52	3002502267	660' FN, 1960' FW 02-18S-34E	7 5/8	1629	200				5 1/2	4189	200	3427' C	09-11-39	4189 - 4700 GBSA	PROD	4700'

STATE 35 UNIT

ATTACHMENT VI TO FORM C-108
APPLICATION FOR AUTHORIZATION TO INJECT
WELLS WITHIN 1/2 MILE RADIUS OF REVIEW
REVIEW WELLS OUTSIDE OF UNIT BOUNDARY

Operator	Lease Name	Well No.	API Number	Location	Surface Casing Size (in)	Depth (ft)	Constr (in)	Intermediate Casing Size (in)	Depth (ft)	Constr (in)	Production Casing Size (in)	Depth (ft)	Constr (in)	Top of Cement Casing (ft)	Date Drilled	Record of Completion Original	Current	Current Status	Total Depth
Texaco	Vac GBSA Unit	53	3002502282	660' FN, 1960' FE 02-18S-34E	8 5/8	1596	200				5 1/2	4171	250	3219' C	11-06-39	4171 - 4710 GBSA		PROD	4710'
Texaco	Vac GBSA Unit	54	3002502283	660' FN, 660' FE 02-18S-34E	7 5/8	1554	300				5 1/2	4091	200	3329' C	11-17-38	4091 - 4710 GBSA		PROD	4710'
Texaco	Vac GBSA Unit	55	3002502250	660' FN, 660' FW 01-18S-34E	8 5/8	1534	200				5 1/2	4002	250	3130' C	11-07-39	4002 - 4710 GBSA		PROD	4710'
Texaco	Vac GBSA Unit	60W	3002502082	1320' FN, 40' FW 02-18S-34E	13 3/8	355	400	9 5/8	1650	900	4 1/2	4600	1700	surface	04-25-79	4597 - 4720 SADR		WATER INJ	4600'
Texaco	Vac GBSA Unit	64	3002502227	660' FS, 660' FW 35-17S-34E	7 5/8	1597	250				5 1/2	4225	200	3463' C	04-19-39	4225 - 4675 GBSA		PROD	4675'
Texaco	Vac GBSA Unit	65W	3002527975	1310' FS, 120' FW 35-17S-34E	13 3/8	354	400	9 5/8	1553	350	5 1/2	4800	1700	surface	02-22-83	4401 - 4744 GBSA		WATER INJ	4600'
Texaco	Vac GBSA Unit	66	3002502226	1960' FS, 660' FW 35-17S-34E	7 5/8	1632	500				5 1/2	4192	200	3430' C	09-19-38	4192 - 4675 GBSA		PROD	4675'
Texaco	Vac GBSA Unit	67W	3002527976	2810' FS, 120' FW 35-17S-34E	13 3/8	350	450	9 5/8	1545	800	5 1/2	4800	2000	surface	01-12-83	4483 - 4755 SADR		WATER INJ	4600'
Texaco	Vac GBSA Unit	146W	3002530846	1324' FN, 1960' FE 02-18S-34E	8 5/8	1570	650				5 1/2	4900	1240	178' C	09-01-83	4383 - 4772 GBSA		WATER INJ	4900'
Texaco	Vac GBSA Unit	147W	3002530796	1360' FN, 660' FE 02-18S-34E	8 5/8	1530	650				5 1/2	4900	1400	surface	09-19-83	4306 - 4720 GBSA		WATER INJ	4900'
Texaco	Vac GBSA Unit	148W	3002530799	1330' FN, 2630' FW 01-18S-34E	9 5/8	1553	1000				7	5000	1050	390' C	06-23-90	4320 - 4690 SADR		WATER INJ	5000'
Texaco	Vac GBSA Unit	152	3002530803	660' FN, 1310' FW 02-18S-34E	9 5/8	1550	870				7	5000	950	828' C	05-08-90	4414 - 4761 GBSA		PROD	5000'
Texaco	Vac GBSA Unit	153	3002530802	660' FN, 2630' FW 02-18S-34E	9 5/8	1556	1000				7	5000	1000	609' C	05-23-90	4342 - 4804 GBSA		PROD	5000'
Texaco	Vac GBSA Unit	154	3002530801	660' FN, 1331' FE 02-18S-34E	9 5/8	1550	1050				7	5000	1050	390' C	06-02-90	4326 - 4807 GBSA		PROD	5000'
Texaco	Vac GBSA Unit	155	3002530800	660' FN, 10' FE 02-18S-34E	9 5/8	1550	1000				7	5000	1125	60' C	06-24-90	4268 - 4630 GBSA		PROD	5000'
Texaco	Vac GBSA Unit	156	3002530851	660' FN, 1330' FW 01-18S-34E	13 3/8	1560	1700	9 5/8	2620	1570	7	5000	900	1048' C	11-06-90	4228 - 4680 GBSA		PROD	5000'
Texaco	West Vacuum Unit	21	3002502203	1960' FN, 660' FE 34-17S-34E	8 5/8	1560	600				5 1/2	4390	275	3343' C	12-14-38	4390 - 4765 GBSA		PROD	4765'
Texaco	West Vacuum Unit	29	3002502201	1960' FS, 660' FE 34-17S-34E	9 5/8	505	250				7	4099	700	1025' C	11-20-38	4099 - 4710 GBSA		PROD	4710'
Texaco	West Vacuum Unit	37	3002502197	660' FS, 660' FE 34-17S-34E	10 3/4	273	225	7 5/8	1817	425	5 1/2	4206	425	2567' C	02-11-39	4206 - 4710 GBSA		PROD	4710'

STATE 35 UNIT

ATTACHMENT VI TO FORM C-108
APPLICATION FOR AUTHORIZATION TO INJECT
WELLS WITHIN 1/2 MILE RADIUS OF REVIEW
REVIEW WELLS OUTSIDE OF UNIT BOUNDARY

Operator	Lease Name	Well No.	API Number	Location	Surface Casing Size (in) Depth (ft) Cement (cu ft)	Intermediate Casing Size (in) Depth (ft) Cement (cu ft)	Production Casing Size (in) Depth (ft) Cement (cu ft)	Top of Cement - -	Date Drilled	Record of Completion - Original Current	Current Status	Total Depth
Texaco	West Vacuum Unit	46	3002502282	660' FN, 860' FE 03-18S-34E	7 5/8 1585 450		5 1/2 4233 200	3471' C	04-23-38	4233 - 4700 GBSA	PROD	4700'
Texaco	West Vacuum Unit	49	3002502285	1840' FN, 860' FE 03-18S-34E	8 5/8 1620 1000		5 1/2 4346 500	2444' C	08-19-51	4346 - 4710 GBSA	PROD	4710'
Texaco	West Vacuum Unit	55W	3002501116	170' FN, 110' FE 03-18S-34E	13 3/8 378 450	9 5/8 1660 800	5 1/2 4800 1700	surface	03-18-83	4522 - 4860 GBSA	WATER INJ.	4800'
Texaco	SL 'Z' NCT-1	5	3002502270	680' FN, 1880' FW 02-18S-34E	13 3/8 322 350		8 5/8 4957 900	2128' C	08-04-81	Dry & Aband.	P&A **	9500'
Texaco	SL of NM 'O' NCT-1	11	3002503082	1880' FN, 1780' FW 36-17S-34E	13 3/8 350 350	9 5/8 4800 1800	4 1/2 12154 2300 2 3/8 11200 total for 2 3/8 10317 3 stands	surface	03-30-83	11182 - 12111 DVNN	PROD	12155'
Texaco	SL of NM 'O' NCT-1	17	300250125	760' FS, 2080' FW 36-17S-34E	13 3/8 1612 1200	9 5/8 4750 1700	3 1/2 12082 1325 2 7/8 10975 total for 2 7/8 10964 3 stands	surface	06-22-83	10130 - 10140 9341 - 10029 PSLV WFMP	SI	12082'
Texaco	SL of NM 'O' NCT-1	19	300250203	1940' FN, 2178' FW 36-17S-34E	11 3/4 1548 1100		2 7/8 6849 1400 2 7/8 6845 total	surface	10-19-83	5890 - 6790 GLRT/BLBR	P&A **	6850'
Texaco	SL of NM 'O' NCT-1	20	300250111	1860' FN, 487' FW 36-17S-34E	11 3/4 1548 1000		2 7/8 6784 1800 2 7/8 6625 total	2385' M	08-11-83	5960 - 6728 GLRT/BLBR	SI	6825'
Texaco	SL of NM 'O' NCT-1	22	3002503019	500' FS, 560' FW 36-17S-34E	11 3/4 1549 1100		2 7/8 6789 1400 2 7/8 6794 total	2645' M	12-10-83	5928 - 6774 GLRT/BLBR	P&A **	6794'
Texaco	SL of NM 'O' NCT-1	36	3002503239	330' FS, 2210' FW 36-17S-34E	8 5/8 1470 650		5 1/2 8100 1375	2863' C	03-20-84	7498 - 7782 DRKO	SI	8100'
Texaco	SL BA	5	3002502028	860' FN, 580' FW 36-17S-34E	9 5/8 1533 845		2 7/8 8708 1185 2 7/8 8710 total	1875' M	08-08-83	5842 - 6850 GLRT/BLBR	P&A **	8710'
Texaco	SL BA	8	3002502057	660' FN, 860' FW 36-17S-34E	13 3/8 421 400	9 5/8 4835 2000	7 12109 850	5875' M	08-30-83	10121 - 10134 9070 - 10016 PSLV ABO	PROD	12110'
Texaco	SL of NM 'R' NCT-2	5	3002501424	330' FN, 1650' FE 02-18S-34E	10 3/4 1550 800		2 7/8 6248 1200	2850' M	05-13-85	5020 - 5846 SAOR GLRT	P&A **	6248'
Texaco	NM 'Z' State "TN"	1	300250988	660' FN, 2200' FW 02-18S-34E	20 413 900	16 1581 1250 9 5/8 5237 3500	5 1/2 12200 3150	surface	10-17-87	11860 - 11884 ATOK	PROD	12200'
Texaco	NM 'M' State	6	3002502040	460' FN, 1880' FW 01-18S-34E	11 3/4 1550 1050	8 5/8 3400 350	4 1/2 6797 1600	3357' M	12-22-84	5987 - 6028 GLRT	P&A **	6800'

* Top of Cement
M - Measured by Temp. Survey or Cement Bond Log
C - Calculated using a cement yield of 1.32 cu. ft./ sack and assuming 50% excess
** See Diagram for plugging detail

STATE 35 UNIT

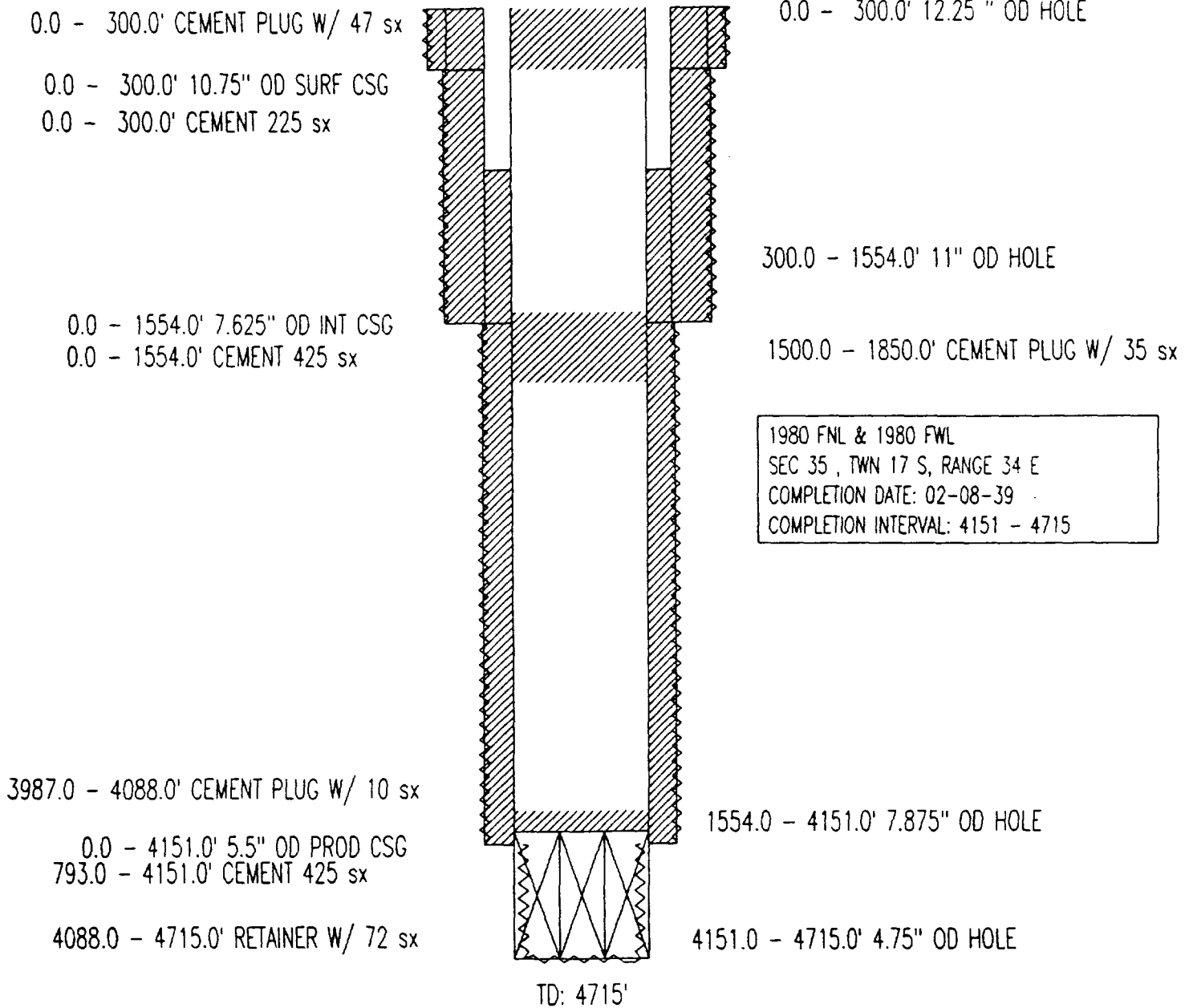
ATTACHMENT VI TO FORM C-108 APPLICATION FOR AUTHORIZATION TO INJECT

WELLS WITHIN 1/2 MILE RADIUS OF REVIEW

P&A'D WELLS IN AREA OF REVIEW

<u>Operator</u>	<u>Lease & Well No.</u>	<u>API Number</u>	<u>Location</u>
Phillips P&A(Conoco)	H-35 #4	3002502216	1980' FN, 1980' FW 35-17S-34E
Phillips P&A(Conoco)	H-35 #6	3002502218	660' FN, 1980' FW 35-17S-34E
Phillips P&A(Conoco)	H-35 #10	3002520664	2030' FN, 1780' FE 35-17S-34E
Phillips P&A(Conoco)	H-35 #11	3002520497	660' FN, 2180' FW 35-17S-34E
Phillips P&A(Conoco)	H-35 #13	3002521898	990' FN, 1650' FE 35-17S-34E
Texaco	CVU #91	3002502243	660' FS, 1980' FW 36-17S-34E
Texaco	St. Z NCT-1 #5	3002502270	660' FN, 1880' FW 02-18S-34E
Texaco	St. BA #5	3002520229	660' FN, 560' FW 36-17S-34E
Texaco	St. of NM 'M' #6	3002520940	460' FN, 1680' FW 01-18S-34E
Texaco	St. of NM 'O' NCT-1 #19	3002520203	1980' FN, 2179' FW 36-17S-34E
Texaco	St. of NM 'O' NCT-1 #22	3002520319	500' FS, 560' FW 36-17S-34E
Texaco	St. of NM R NCT-2 #5	3002521424	330' FN, 1650' FE 02-18S-34E

PHILLIPS PETROLEUM
H-35 #4
API# 3002502216



Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form E-103
Revised 1-1-89

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. 30-025-02216

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.
B-3196

7. Lease Name or Unit Agreement Name

State H-35

8. Well No.
4

9. Pool name or Wildcat
Vacuum G-SA

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

1. Type of Well:
OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. Name of Operator

CONOCO INC.

3. Address of Operator

10 Desta Drive W. Midland, TX 79705

4. Well Location

Unit Letter F :1980 Feet From The North Line and 1980 Feet From The West Line

Section 35 Township 17S Range 34E NMPM Lea County

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

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐

PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐

CHANGE PLANS ☐

WELL OR ALTER CASING ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☒

CASING TEST AND CEMENT JOB ☐

OTHER: ☐

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.

8-20-90 MIRU. Sting into cmt rttr @ 4088'. Pump 72 sxs Class C neat cmt. Sting out of cmt rttr. Spot 10 sxs cmt 3987'-4088'. Displ w/23 bbls 9.5 ppq mud. PUH to 3985'. Circ hole w/84 bbls mud. PUH to 1850'. Load hole w/mud. Spot 35 sxs cmt 1500'-1850'. Perf csg @ 350'. Est pump in rate down prod csg. Pump 25 bbls. Did not circ. RU to surf csg. Pump 10 bbls. Did not circ. Contacted Jerry Sexton w/NMOCD. (OK to pump cmt down prod csg. Do not pump cmt down surf pipe.) Pump 47 sxs Class C cmt down prod csg. Displ w/ 1/2 bbl FW. SION. TOC in top of WH. Clean location. Cut off wellhead. Install P&A marker. Take down power lines. Bust out flowline.

Date plugging completed: 8-22-90.

NMOCD (3) File

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

SIGNATURE Deal O. Yarbrough TITLE Sr Analyst--Gas Prod DATE 10-12-1990

TYPE OR PRINT NAME Deal O. Yarbrough TELEPHONE NO. 9156865583

(space for State Use)

APPROVED BY [Signature] TITLE OIL & GAS INSPECTOR DATE NOV 05 1991

CONDITIONS OF APPROVAL, IF ANY:

PROUD HEAVEN
H-35-27
APR 2012

0.0 - 288.0' 15.75" OD SURF CSG

0.0 - 288.0' CEMENT 225 sx

0.0 - 288.0' CEMENT PLUG W/ 125 sx

0.0 - 288.0' 15" OD HOLE

0.0 - 1555.0' 7.625" OD INT CSG

0.0 - 1555.0' CEMENT 425 sx

288.0 - 1555.0' 9.875" OD HOLE

1433.0 - 1700.0' CEMENT PLUG W/ 20 sx

660 FWL & 1980 FWL

SEC 35, TWN 17 S, RANGE 34 E

COMPLETION DATE: 05-07-89

COMPLETION INTERVAL: 4168 - 4753

3991.0 - 4092.0' RETAINER W/ 10 sx

0.0 - 4168.0' 5.5" OD PROD CSG

809.0 - 4168.0' CEMENT 425 sx

1555.0 - 4168.0' 6.75" OD HOLE

4168.0 - 4753.0' 4.75" OD HOLE

TD: 4753'

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

DISTRICT II
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. 30-025-02218

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.
B-3196

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

1. Type of Well:
OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. Name of Operator

CONOCO INC.

3. Address of Operator

10 Desta Drive W, Midland, TX 79705

4. Well Location

Unit C 660 Feet From The North Line and 1980 Feet From The West Line

Section 35 Township 17S Range 34E NMPM Lea Country

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

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐

PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐

CHANGE PLANS ☐

OR ALTER CASING ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☒

CASING TEST AND CEMENT JOB ☐

OTHER: ☐

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.

8-22-90 MIRU. Reverse hole clean w/90 bbls FW. Sting into cmt rtmr. Pump 15 bbls wtr. Sting out of rtmr. Spot cmt. Sting back into cmt rtmr. Pump cmt. Sting out of rtmr & spot 10 sx cmt 3991'-4092'. Displ w/23 bbls FW. PU to 3985'. Circ hole w/84 bbls 9.5 ppg mud. PU to 1700'. Load hole w/mud. Spot 20 sx Class C cmt 1498'-1700'. Perf prod csg @ 350'. Pump 10 bbls mud to load hole. Est circ up intermediate & surf pipe. Pump 135 sx Class C neat cmt. Fill both annulus up w/cmt. Displ w/1 bbl FW. Tag TOC @ 10' below surf. Install P&A marker.

Date plugging completed: 8-24-90.

NMOCD (3) File

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

SIGNATURE Ceal O. Yarbrough TITLE Sr Analyst--Gas Prod DATE 10-09-1990

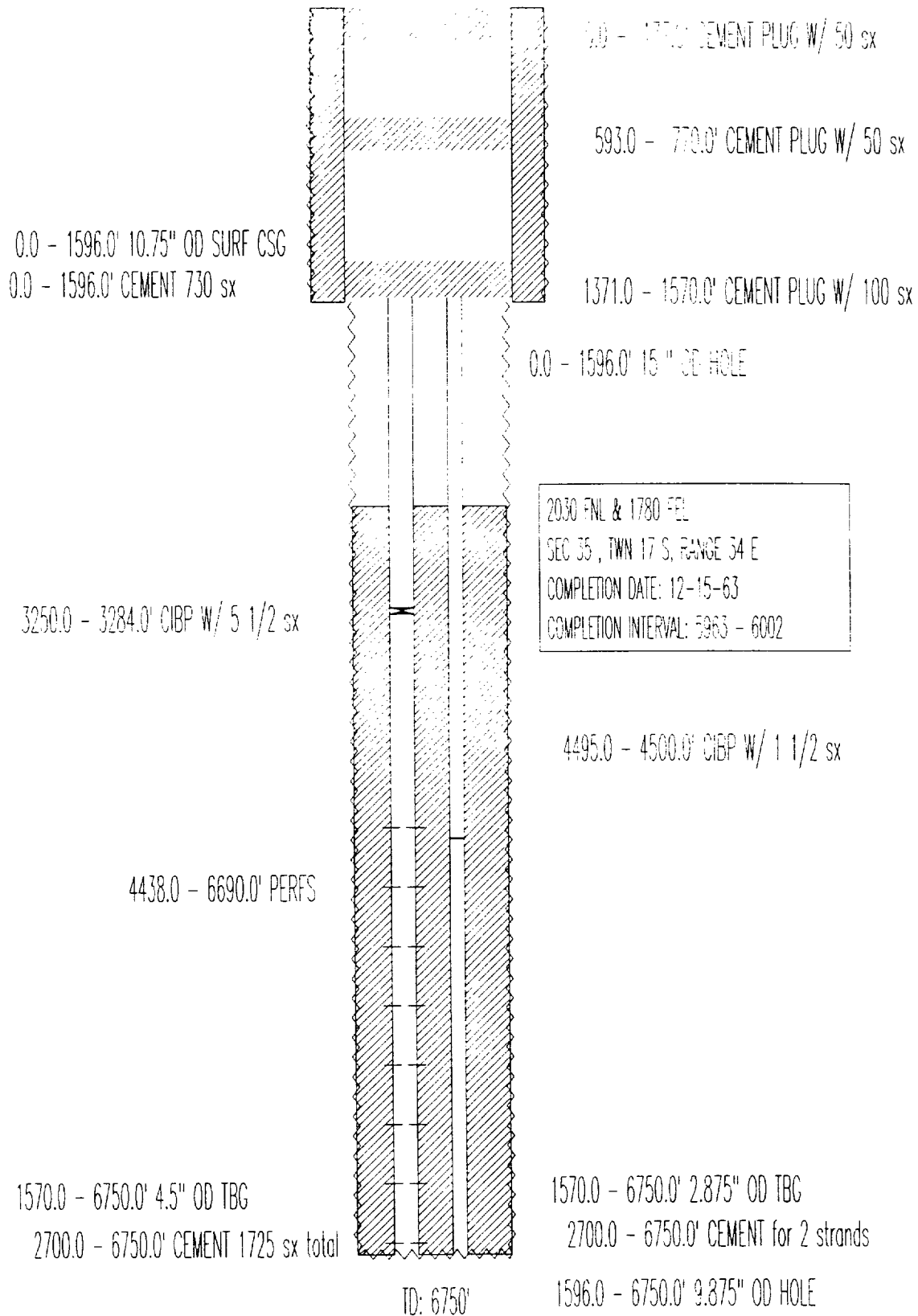
TYPE OR PRINT NAME Ceal O. Yarbrough TELEPHONE NO. 9156865583

Area for State Use)

APPROVED BY Terry M. Hill TITLE OIL & GAS INSPECTOR DATE NOV 05 1991

CONDITIONS OF APPROVAL, IF ANY:

PAUL P. FELL - LUM
LIFE
APR 30 1963



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. <u>30-025-20664</u>
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. <u>B-3196</u>
7. Lease Name or Unit Agreement Name <u>State H-35</u>
8. Well No. <u>10</u>
9. Pool name or Wildcat <u>Vacuum G-SA</u>

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: OIL WELL ☒ GAS WELL ☐ OTHER ☐	
2. Name of Operator <u>Conoco Inc.</u>	
3. Address of Operator <u>P. O. Box 460 - Hobbs, NM 88240</u>	
4. Well Location Unit Letter <u>G</u> : <u>2030</u> Feet From The <u>north</u> Line and <u>1780</u> Feet From The <u>east</u> Line Section <u>35</u> Township <u>17S</u> Range <u>34E</u> NMPM <u>Lea</u> County	
10. Elevation (Show whether DF, RKB, RT, GR, etc.)	

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
JLL OR ALTER CASING ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐
OTHER: ☐

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.

MIRU. G1H w/ 4 1/2" prod csq f cut 2 3/4" Hbg at 3284'. POOH. Run csq scrap to 3284'. POOH. G1H f set CIBP at 3284'. Dump bailed 5 1/2" sx. Cement on top of plug. G1H w/ csq f set CIBP at 4500'. Dump bailed 1 1/2" sx cement on top of plug. POOH. G1H w/ 2 1/4" csq sand cut at 1575'. POOH land 2 1/4" csq. G1H w/ 4 1/2" csq f cut at 1570'. POOH f land 4 1/2" csq. G1H w/ 10 3/4" csq scraper. Stop at 124'. POOH. G1H w/ 2 1/4" Hbg. Stop at 124'. POOH. RU pour cement f G1H w/ 6 1/4" f cut f collar. Cement to 1570'. POOH. G1H w/ 2 1/4" Hbg. Circ hole w/ 11. ppg mud. Spot 100 sxs class "C" cement at 1570'. 50 sxs cement at 770'. Spot 50 sxs cement at surface. Rig down. Cut surface csq f cut on POOH w/ 1124/88.

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

SIGNATURE [Signature] TITLE Administrative Supervisor DATE January 16,
TYPE OR PRINT NAME D. F. Farnley TELEPHONE NO. (505) 397-

This space for State Use)

APPROVED BY [Signature] OIL & GAS INSPECTOR
TITLE [Signature] DATE FEB 15 1989

CONDITIONS OF APPROVAL, IF ANY:

main 10-11-88 (3) file

PHILIP REFERENCE PLUG LOG 44400-10-10

0.0 - 25.0' CEMENT PLUG W/ 10 sx

0.0 - 1520.0' 10.75" OD SURF CSG
 0.0 - 1520.0' CEMENT 795 sx

1261.0 - 1670.0' CEMENT PLUG W/ 150 sx

0.0 - 1520.0' 15" OD HOLE

2670.0 - 2745.0' CEMENT PLUG W/ 25 sx

2825.0 - 2900.0' CEMENT PLUG W/ 25 sx

660 FNL & 2180 FAL

SEC 35, T14N 17 E, RANGE 34 E

COMPLETION DATE: 02-13-64

COMPLETION INTERVAL: NOT COMPLETED

3800.0 - 4000.0' CEMENT PLUG W/ 70 sx

4430.0 - 4505.0' CEMENT PLUG W/ 25 sx

4760.0 - 4835.0' CEMENT PLUG W/ 25 sx

5915.0 - 6065.0' CEMENT PLUG W/ 50 sx

1520.0 - 6400.0' 10.75" OD HOLE

TD: 6400'

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ATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Superseding Old
C-102 and C-103
Effective 1-1-65

(14)

SUNDRY NOTICES AND REPORTS ON WELLS

DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO RE-ENTER OR PLUG BACK TO A DIFFERENT RESERVOIR.
SEE APPLICATION FOR PERMIT TO DRILL (FORM C-101) FOR SUCH PROPOSALS.

1. ☒ OIL WELL ☐ GAS WELL ☐ OTHER	5a. Indicate Type of Lease State ☒ Fee
2. Name of Operator CONOCO INC.	5. State Oil & Gas Lease No. B-3196
3. Address of Operator P. O. Box 460, Hobbs, N.M. 88240	7. Unit Agreement Name
4. Location of Well UNIT LETTER <u>C</u> <u>660</u> FEET FROM THE <u>North</u> LINE AND <u>2180</u> FEET FROM THE <u>West</u> LINE, SECTION <u>35</u> TOWNSHIP <u>17S</u> RANGE <u>34E</u> N.M.P.M.	8. Farm or Lease Name State H-35
	9. Well No. 11
	10. Field and Pool, or Wildcat Vacuum Glorietta B
	11. Elevation (Show whether DF, RT, GR, etc.)
	12. County Lea

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDON ☐
DRILL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOBS ☐	
		OTHER <u>Re-plug</u>	

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

MIRU 12-27-82. Remove dry hole marker. Drill out cmt plug, & BP @ 75'. Wash mud & contaminated cmt from 1260' - 1400'. Drill hard cmt from 1400' - 1520'. Run bit to 1670'. Spot 150 sx Class 'C' cmt mixed w/ 8.5 brine. WOC 4 1/2 hrs. Tag cmt top @ 1261'. Spot 10 sx Class 'C' at surface w/ 1jt tbg. Install dry hole marker. Rel Rig.

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

<u>John A. Rutherford</u>	TITLE <u>Administrative Supervisor</u>	DATE <u>12-30-8</u>
<u>James R. Smith</u>	TITLE <u>OIL & GAS INSPECTOR</u>	DATE <u>MAR 21 198</u>
CONDITIONS OF APPROVAL, IF ANY:		

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AND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease	State ☒ Fee ☐
5. State Oil & Gas Lease No.	<u>B-3196</u>

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

1. ☒ OIL WELL ☐ GAS WELL ☐ OTHER	7. Unit Agreement Name
2. Name of Operator CONOCO INC.	8. Form or Lease Name <u>State H-35</u>
3. Address of Operator P. O. Box 460, Hobbs, N.M. 88240	9. Well No. <u>11</u>
4. Location of Well UNIT LETTER <u>C</u> <u>660</u> FEET FROM THE <u>North</u> LINE AND <u>2180</u> FEET FROM THE <u>West</u> LINE, SECTION <u>35</u> TOWNSHIP <u>17S</u> RANGE <u>34E</u> N.M.P.M.	10. Field and Pool, or Wildcat <u>Vacuum Glorieta Blines</u>
15. Elevation (Show whether DF, RT, GR, etc.)	12. County <u>Lea</u>

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

NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☒	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
ILL OR ALTER CASING ☐	OTHER <u>Re-plug</u> ☐	CASING TEST AND CEMENT JOBS ☐	

17. 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.

Current Cement Plugs

Surface cap	105x	
1530'	505x	Base of pipe
2670'	255x	Base Salt
2825'	255x	Top Yates
3800'	705x	Cover Queen
4430'	255x	Top San Andres
4760'	255x	Base San Andres
5915'	505x	Glorieta

Proposed Procedure

GIH M6 1/2" bit & drill out cmt plugs @ surface and @ 1530'. Run bit to 1650'. POOH w/ bit. Spot 1005x class 'C' cmt w/ 2% CaCl₂ from 1644' - 1396'. Spot additional 105x plug @ surface using Class 'C' cmt w/ 2% CaCl₂. Rig down and restore dry hole marker.

This Notice is in reference to Mr. J.T. Sexton's request.

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

Signed Jerry A. Butterfield TITLE Administrative Supervisor DATE 12-6-82

ORIGINAL SIGNED BY
APPROVED BY JERRY SEXTON TITLE _____ DATE DEC 8 1982
CONDITIONS OF DISTRICT SUP.

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OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103

(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106) 11 '64

Name of Company Continental Oil Company		Address Box 460, Hobbs, New Mexico	
Lease State H-35	Well No. 11	Unit Letter C	Section 35
Township 17S		Range 34E	
Date Work Performed 2-13-64	Pool Undesignated	County Lea	

THIS IS A REPORT OF: (Check appropriate block)

- ☐ Beginning Drilling Operations
 ☐ Casing Test and Cement Job
 ☐ Other (Explain):
- ☒ Plugging
 ☐ Remedial Work

Detailed account of work done, nature and quantity of materials used, and results obtained.

The plugging and abandonment of State H-35 No. 11 was completed at 11:59 P.M., 2-13-64. Left in the hole were Johnston straddle packers, DST tools complete w/jars, and eleven 7" drill collars. The following procedure was followed:

5915'	50 sx	Glorieta
4760'	25 sx	Base San Andres
4430'	25 sx	Top San Andres
3800'	70 sx	Cover Queen
2825'	25 sx	Top Yates
2670'	25 sx	Base Salt
1530'	50 sx	Base Surface Pipe
Surface Cap	10 sx	-

Erected 4' marker & cleaned up location.

Witnessed by Roy A. Carlile	Position Drilling Foreman	Company Continental Oil Company
---------------------------------------	-------------------------------------	---

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev.	T D	P B T D	Producing Interval	Completion Date
-----------	-----	---------	--------------------	-----------------

Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth
-----------------	--------------	---------------------	------------------

Perforated Interval(s)

Open Hole Interval

Producing Formation(s)

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						

OIL CONSERVATION COMMISSION

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

proved by <i>Leslie A. Clement</i>	Name Signed: ROBERT GAULT III
Title <i>Staff Supervisor</i>	Position Staff Supervisor
Date SEP 18 1964	Company Continental Oil Company

NAME OF COMPANY OR INDIVIDUAL	
ADDRESS	
CITY	
COUNTY	
STATE	
DATE OF FILING	
FEE	
REMARKS	

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico
 APR 23 10 17 AM '64

WELL RECORD

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in **QUINTUPLICATE** If State Land submit 6 Copies

AREA 640 ACRES
 LOCATE WELL CORRECTLY

Continental Oil Company

State H-35

Well No. 11 in NE 1/4 of SW 1/4 of Sec. 35, T. 17S, R. 34E, N.M.P.M.
 Vacuum Glorieta Lea County

Well is 660 feet from North line and 2180 feet from West line

of Section 35-17S-34E If State Land the Oil and Gas Lease No. is B-3196

Drilling Commenced 1-21, 1964 Drilling was Completed 2-9, 1964

Name of Drilling Contractor Carper Drilling Company

Address Artesia, New Mexico

Elevation above sea level at Top of Tubing Head 3999 The information given is to be kept confidential until

Not confidential 1964

OIL SANDS OR BUMPS

No. 1, from None to _____ No. 4, from _____ to _____
 No. 2, from _____ to _____ No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from None to _____ feet.
 No. 2, from _____ to _____ feet.
 No. 3, from _____ to _____ feet.
 No. 4, from _____ to _____ feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	TYPE OF JOBS	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
10 3/4	40-32.75	New	1,520	Guide	-	-	Surface

MUDGING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SQ. YARDS OF CEMENT	MIXED WITH	MUD GRAVITY	AMOUNT OF MUD USED
15"	10 3/4	1,520	795	PUMP & PLUG		

RECORD OF PRODUCTION AND STIMULATION

TA 6400
 (Record the Process used, No. of Qt. or Gal. used, interval treated or shot.)
 This well was scheduled to be a Glorieta and Blinberry dual. However, testing of the Blinberry formation in the State H-35 No. 10 indicated the Blinberry was not commercial. Therefore, the State H-35 No. 11 was not drilled to the Blinberry. Testing of the Glorieta in the State H-35 No. 11 was not favorable and the well was plugged & abandoned on 2-13-64. Eleven 7" drill collars, BHT tools and jars were left in the hole. The well was plugged & abandoned by spotting the following cement plugs: 50 sz. at 5915, 25 sz. at 4760, 25 sz. at 4430, 70 sz. at 3800, 25 sz. at 2825, 25 sz. at 2670, 50 sz. at 1530 and 10 sz. at surface. Erected marker and cleaned location.

Drill Chased Out

PHILLIPS PETROLEUM

— 75.413

AF # 7-10-66-113

1055.0 - 1070.0' CEMENT PLUG W/ 10 sx

1055.0 - 1070.0' CIBP W/ 5 sx

0.0 - 1525.0' 8.625" OD SURF CSG

0.0 - 1525.0' CEMENT 700 sx

1112.0 - 1480.0' CEMENT PLUG

1480.0 - 1480.0' RETAINER W/

0.0 - 1525.0' 12.25 " OD HOLE

1455.0 - 1630.0' CEMENT PLUG W/ 50 sx

2820.0 - 2970.0' CEMENT PLUG W/ 50 sx

990 FNL & 1650 FEL

CEC TEL TWIN 17 S. RANGE 34 E

COMPLETION DATE: 12-31-66

COMPLETION INTERVAL: NOT COMPLETED

4360.0 - 4800.0' CEMENT PLUG W/ 150 sx

5885.0 - 6033.0' CEMENT PLUG W/ 50 sx

1525.0 - 6033.0' 7.875" OD HOLE

TD: 6033'

15

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

NEW MEXICO OIL CONSERVATION COMMISSION

JAN 23 9 55 AM '67

NO. OF COPIES RECEIVED	
DISTRIBUTION	
NTA FE	
E	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease	
State ☒	Fee ☐
5. State Oil & Gas Lease No.	
B-3196	

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. ☐ OIL WELL ☐ GAS WELL ☒ OTHER: Dry Completion	7. Unit Agreement Name
2. Name of Operator Continental Oil Company	8. Farm or Lease Name State H-35
3. Address of Operator P. O. Box 460, Hobbs, New Mexico	9. Well No. 13
4. Location of Well UNIT LETTER B 990 FEET FROM THE North LINE AND 1650 FEET FROM THE East LINE, SECTION 35 TOWNSHIP 17S RANGE 34E NMPM.	10. Field and Pool, or Wildcat Vacuum Glorieta
15. Elevation (Show whether DF, RT, CR, etc.) 4018 DF	12. County Lea

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOBS ☐	

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1703.

This well was drilled to 6033' TD. No production was encountered. The well was plugged and abandoned using the following procedure:

Set cement plugs as follows w/10# mud between plugs:

- 5885-6033' w/50 sx Incor
- 4360-4800' w/150 sx Incor
- 2820-2970' w/50 sx Incor
- 2530-2680' w/50 sx Incor
- 1475-1625' w/50 sx Incor
- 0-30' w/10 sx Incor

This work was performed on 11-8-66.

It was found that the well was not successfully plugged. Found cement stringers at 1349'. Drilled cement from 1349-1544' and 2530-2680'. Circulated hole and conditioned mud. Set 50 sx Class "B" cement plug w/4# salt and 15# sand per sx w/3% calcium chloride from 1447-1625'. Shut in 24 hrs., SITP-175#. Drilled out contaminated cement plugs from (Continued)

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

SIGNED: G. C. JAMIESON

TITLE Assistant District Manager

DATE January 20, 1967

SIGNED _____

OF COPIES RECEIVED		
DISTRIBUTION		
SANTA FE		
FILE		
U.S.G.S.		
LAND OFFICE		
OPERATOR		

NEW MEXICO OIL CONSERVATION COMMISSION

JAN 23 3 55 AM '67

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease	
State ☐	F. ☐
5. State Oil & Gas Lease No.	

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. OIL WELL ☐ GAS WELL ☐ OTHER- ☐	7. Unit Agreement Name
2. Name of Operator	8. Farm or Lease Name
3. Address of Operator	9. Well No.
4. Location of Well UNIT LETTER _____ FEET FROM THE _____ LINE AND _____ FEET FROM THE _____ LINE, SECTION _____ TOWNSHIP _____ RANGE _____ NMPM.	10. Field and Pool, or Wildcat
15. Elevation (Show whether DF, RT, GR, etc.)	12. County

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOBS ☐	

17. 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.

(Continued)

1447-1625' and 2536-2680'. Set 50 sx Class "C" cement plug w/4# salt per sx from 2455-2680'. Set cement retainer at 1480'. Failed to pump under retainer at 2,000#. Circulate hole and tested w/1,000#. Set 90 sx Class "C" cement plug on retainer from 1112-1480'. Hole between plugs was filled w/10# mud. Shut in. Top plug not set in order to observe status of plugging operations. This sequence of work started on 11-14-66 and was complete 11-19-66.

Well was observed and found to be satisfactorily plugged.

Set bridge plug at 1070' w/5 sx cement on top. Set cement plug from 0-10'. Restored location to its original condition and erected well marker. This sequence started and was completed on 12-31-66.

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

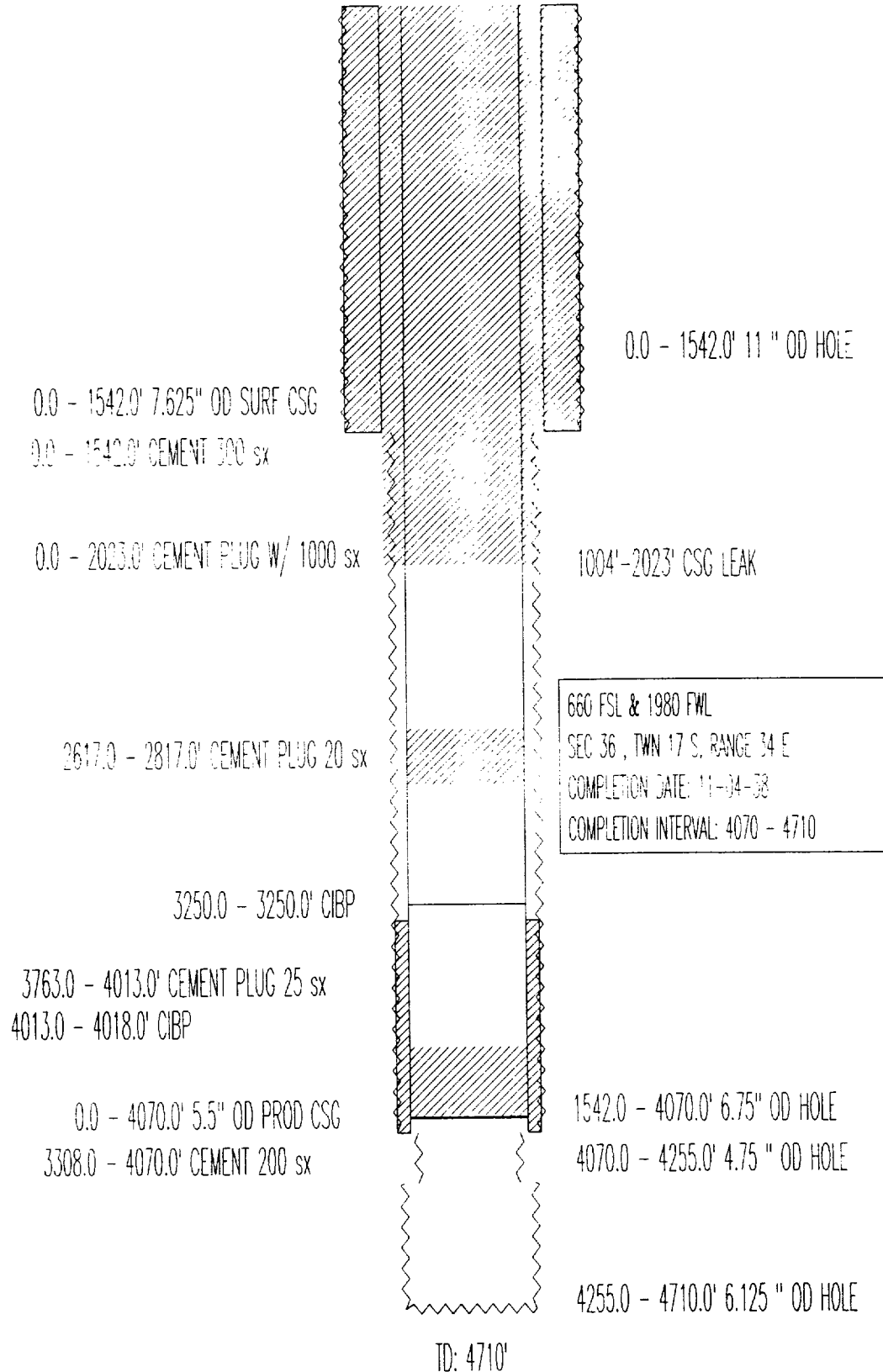
SIGNED: G. C. JAMIESON

SIGNED _____ TITLE Assistant District Manager DATE January 20,

APPROVED BY *John W. Runyan* TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

TE: CO E&P INC
CVI #21
AP# 3002502243



Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Enr Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

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

DISTRICT II
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. 30-025-02243
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. B-155
7. Lease Name or Unit Agreement Name Central Vacuum Unit
8. Well No. 91
9. Pool name or Wildcat Vacuum Grayburg, San Andres
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3991' GR

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

1. Type of Well: OIL WELL ☒ GAS WELL ☐ OTHER ☐	2. Name of Operator Texaco Exploration and Production Inc.
3. Address of Operator P.O. Box 730 Hobbs, New Mexico 88240	4. Well Location Unit Letter <u>N</u> : <u>660</u> Feet From The <u>South</u> Line and <u>1980</u> Feet From The <u>West</u> Line Section <u>36</u> Township <u>17S</u> Range <u>34E</u> NMPM Lea County
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3991' GR	

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
OR ALTER CASING ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☒
CASING TEST AND CEMENT JOB ☐
OTHER: ☐

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. MIRU w/P&A equipment. Starting date 8-5-91.
2. TOH w/tbg & pkr. TIH w/bit, tagged plug @ 3250.
3. TOH w/bit, TIH w/pkr. Casing leak @ 1004-2023.
4. Established circ to surf; rate & psi: 2 BPM @ 200 PSI.
5. TOH w/tbg, TIH to 3238, loaded hole w/salt gel mud.
6. Spt 20 sxs Class C 2% CaCl cmt from 2817 to 2617.
7. TOH w/tbg. Tied onto csg, established circ, pumped 200 sxs Class C 2% CaCl cmt, circulated to surf, shut in bradenhead valve and squeezed w/800 sxs Class C 2% CaCl cmt, SI PSI 500#.
8. Cut off wellhead, installed dry hole marker, cleaned location. Completion date 8/9/91

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

SIGNATURE M.C. Duncan TITLE Engineer's Assistant DATE 08-13-91
TYPE OR PRINT NAME M.C. Duncan TELEPHONE NO. 393-7191

space for State Use
APPROVED BY [Signature] TITLE OIL & GAS INSPECTOR DATE OCT 04 1991
CONDITIONS OF APPROVAL, IF ANY:

From 8-193
Revised 19

24. Indicate Type of Lease
 Base ☒ Fee ☐
 2. Name Oil & Gas Lease No.
 B-155

DO NOT USE THIS FORM FOR INFORMATION TO BE USED IN THE PREPARATION OF A PROPOSED REGULATION, AND DO NOT SUBMIT THIS FORM TO THE SECRETARY OF THE DEPARTMENT OF JUSTICE FOR REVIEW.

1. ☒ ON WELL ☐ GOS WELL ☐ OTHER:		7. Unit Agreement Name Central Vacuum Unit
3. Name of Operator Texaco Prod. Inc.		8. Form of Lease Name:
5. Address of Operator P.O. Box 728 Hobbs, Nm 88240		9. Well No. 91
4. Location of Well BATH LETTER N 660 FEET FROM THE South LINE AND 1980 FEET FROM West LINE, SECTION 36 TOWNSHIP 17 S RANGE 34 E		10. Field and Pool, or Wholesaler Vacuum Grayburg San Andres
11. Elevation (Base of oil, RT, CR, etc.) 3991' GA		12. County Lea

ALBERTO CAVIO
ELMO AND ALDOGOMER

22-000 Convert to salt water monitor well

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEC REG 100.

1. On 1-28-87, rigged up pulling unit, Installed BOP.
2. TTH w/ 4 3/4" bit, cleaned out to 4013'. Circ. clean. TTH w/ bit.
3. Set 5 1/2" CIBP at 4013', spot 25 sacks cement on top. PBTD = 3748'.
4. TTH w/ 5 1/2" Elder Model T tension pkr on 2 3/8" tbg. Set pkr at 1501'.
5. Load annulus with inhibited water.
6. Install pressure gauge. Well being used to monitor pressure in salt section via perf and casing leak at 1872'-1900'. Present tbg pressure is 1150 psi (1-30-87).

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

..... Howard C. Bruck Area Superintendent
A. Gernandt

no 278-87

TEXACO E&F INC.
WELL NOT-1 #F
API# 3002502270

0.0 - 322.0' 13.375" OD SURF CSC

0.0 - 322.0' CEMENT 350 sx

1009.0 - 1172.0' CEMENT PLUG W/ 45 sx

0.0 - 15.0' CEMENT PLUG W/ 15 sx

305.0 - 335.0' CEMENT PLUG W/ 25 sx

0.0 - 322.0' 17" OD HOLE

860 FNL & 1800 FNL

SEC 02, TWN 18 S, RANGE 34 E

COMPLETION DATE: 09-04-61

COMPLETION INTERVAL: NOT COMPLETED

1146.0 - 4957.0' 8.625" OD PROD CSC

2123.0 - 4957.0' CEMENT 900 sx

4907.0 - 5007.0' CEMENT PLUG W/ 45 sx

6166.0 - 6266.0' CEMENT PLUG W/ 45 sx

8039.0 - 8139.0' CEMENT PLUG W/ 45 sx

9400.0 - 9500.0' CEMENT PLUG W/ 45 sx

322.0 - 9500.0' 11" OD HOLE

TD: 9500'

NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

Name of Company TEXACO Inc.		Address P. 1861 Box 728 - Hobbs, New Mexico					
Lease State of New Mexico "Z" NCT-1	Well No. 5	Unit Letter C	Section 2	Township 18-S	Range 34-E		
Date Work Performed Sept. 4, 1961	Pool Wildcat	County Lea					
THIS IS A REPORT OF: (Check appropriate block)							
☐ Beginning Drilling Operations		☐ Casing Test and Cement Job		☐ Other (Explain):			
☒ Plugging		☐ Remedial Work					

Detailed account of work done, nature and quantity of materials used, and results obtained.

We plugged and abandoned subject well as follows:

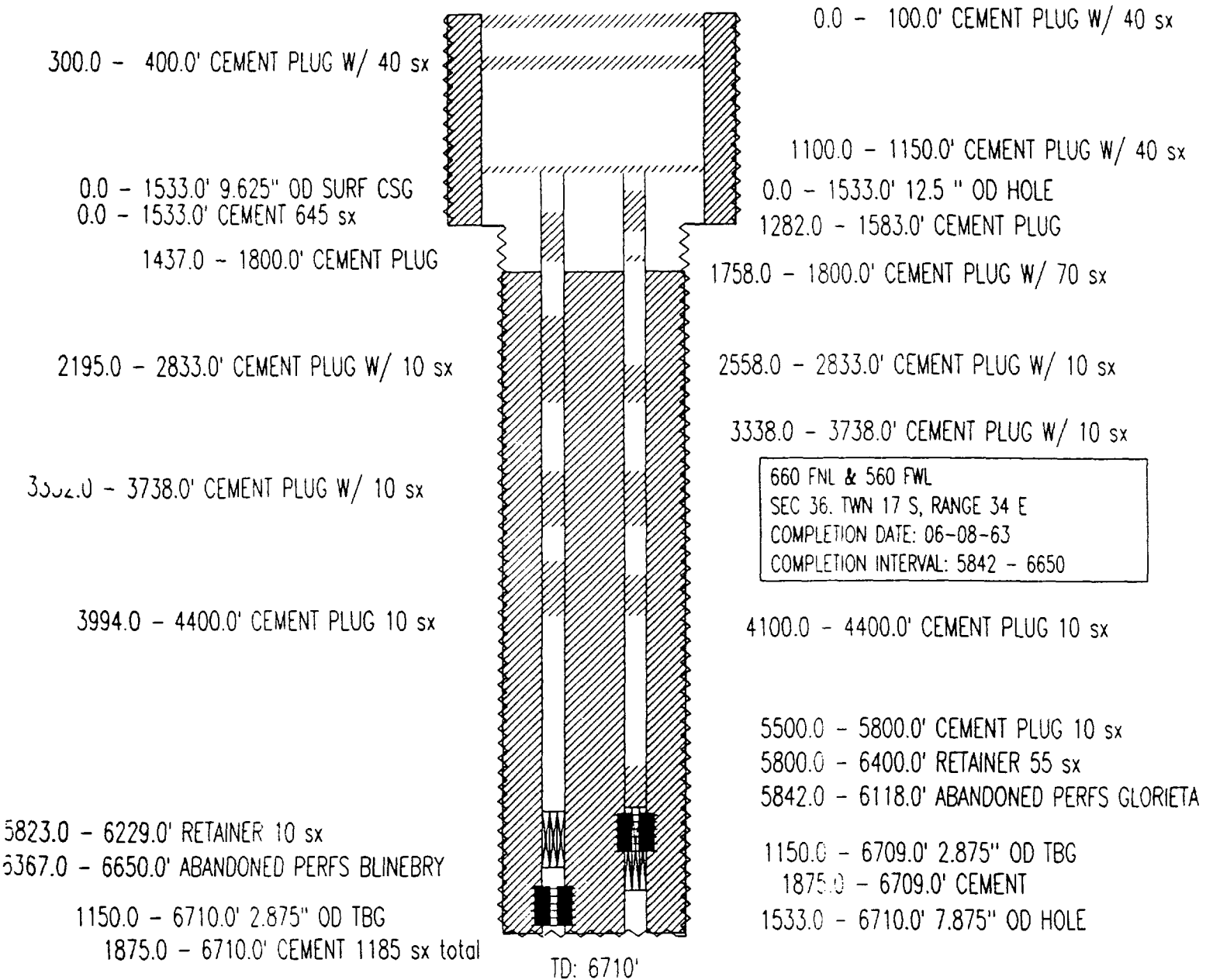
1. Spot plug No. 1, 45 sx, 9400' to 9500'.
2. Spot plug No. 2, 45 sx, 8039' to 8139'.
3. Spot plug No. 3, 45 sx, 6166' to 6266'.
4. Spot plug No. 4, 45 sx, 4907' to 5007'.
5. Cut 9-5/8" casing at 1146' and recover 1127'.
6. Spot plug No. 5, 45 sx, 1009' to 1172'.
7. Spot plug No. 6, 25 sx, 305' to 335'.
8. Spot 15 sx surface plug, installed 4" marker extending 4' above ground level, cleaned location as per NMOCC regulations. Plug and abandon complete 1:00 A.M. September 4, 1961.

3 3/8 surf casing @ 322' w/ 350 sx. ~~hole~~ hole size est. @ 13"

8 5/8 Prod. " " 4957 w/ 900 sx. TOC @ 2128' by calc. hole size est @ 11"

Witnessed by M. E. Crews		Position Drilling Foreman		Company TEXACO Inc.		
FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY						
ORIGINAL WELL DATA						
D F Elev.	T D 9500'	P B T D		Producing Interval	Completion Date	
Tubing Diameter		Tubing Depth		Oil String Diameter	Oil String Depth	
Perforated Interval(s)						
Open Hole Interval			Producing Formation(s)			
RESULTS OF WORKOVER						
Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						
OIL CONSERVATION COMMISSION				I hereby certify that the information given above is true and complete to the best of my knowledge.		
Approved by <i>Leslie A. Clements</i>				Name <i>J. G. Blevins, Jr.</i>		
Title				Position Assistant District Superintendent		
Date				Company TEXACO Inc.		

TEXACO E&P INC.
ST. BA #5
API# 3002520229



DISTRICT I
P.O. Box 1960, 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. 30-025-20229	
5. Indicate Type of Lease STATE ☒ FEE ☐	
6. State Oil & Gas Lease No. B-1565	
7. Lease Name or Unit Agreement Name State BA	
8. Well No. 5	
9. Pool name or Wildcat Vacuum Glorieta/Blinbry	
10. Elevation (Show whether DF, RKB, RT, GR, etc.)	

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: OIL WELL ☒ GAS WELL ☐ OTHER ☐	
2. Name of Operator Texaco E&P Inc.	
3. Address of Operator PO Box 730; Hobbs, New Mexico 88240	
4. Well Location Unit Letter <u>D</u> : <u>880</u> Feet From The <u>North</u> Line and <u>560</u> Feet From The <u>West</u> Line Section <u>36</u> Township <u>17S</u> Range <u>34E</u> NMPN <u>Lea</u> County <u></u>	
10. Elevation (Show whether DF, RKB, RT, GR, etc.)	

ii. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐
PULL OR ALTER CASING ☐	OTHER: ☐
SUBSEQUENT REPORT OF:	
REMEDIATION WORK ☐	ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☒
CASING TEST AND CEMENT JOB ☐	OTHER: ☐

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.

(2/27/95: Notify OCD of intent to plug
2/28/95: RIH to ID each well Found that the East well was X side. Had a lot of trouble on X well getting down to 6226 Tag. 3/8 S/N cut parffin on west well Y side from surface to 1000 ft RIH w/ gauge ring to 4580 would not go anymore RIH on Y side w/ sinker bar & jars got down to 6500 ft POOH try gauge ring again had a lot of trouble but got down to 5848 POOH w gauge ring RU 2 7/8 CICR on y side of well set at 5800 POOH RIH on X side had trouble getting down set 2 7/8 CICR at 6229 POOH Shut down 12/29: Pick up 203 jts 2 1/16 TBG stung into CICR picked up Pumped 35 BBL trying to load csq well went on vacuum stung back into CICR & pumped 25 more bbls well on vacuum. X side unstung from retainer Pulled pipe out of hole. R back in hole with 2 7/8 packer @ 4000' Attempt to press up on backside. Could not pressure up on backside Tubing on vacu while pumping on back side. POOH & shut down. 1/2/96: Look for holes in tbq load 2 1/16 tbq. 1/3/96: Change out tbq strings from Blinbry to State BA. 1/4: Run in hole with 2 1/16 tbq & 2 7/8 pkr Set pkr @ 4012'. Press up on back side to 1300 PSI hold press pump down tbq well on vacuum. Pump 110 sx cmt well on vacuum after pumping cmt 0 PSI on sqz Shut in overnite. 1/5: Press up to 1500 PSI after pumping 10 BBL Held 1500 PSI Press on 2 1/16 Tbg on x side. POOH with 2 7/8 pkr Run in hole side with tbq anch Tag bott. @ 6229 Mix salt gel and CICR hole, Shut down. 1/8: Pump 10 sx Plug from 6229-5823. Pump 10 Plug from 4400-3994 Spot 10 sx Plug from 3738-3332. All plugs on x side, Pump 10 sx Plug from 2833-2427. Come out of hole X side. Go back in hole on y side sting into ret pump 15 bbl well on vacuum Unsting from ret pump 5 bbls well on vacuum. ling back into ret Press up on back side. Held 1500 PSI for 30 min Csq good. Shut down. 1/9: Y side mix & pump 55 sx Clas cmt below CICR @ 5800 sqz 1000 PSI mix & pump 10 sx on top of Ret @ 5800 mix and pump 10 sx Class C Cmt 4400-4100 1/9: x & pump 10 sx Cl C cmt 3738-3338. 1/9: Mix and pump 10 sx Cl C cmt Plug 2833-2533 Tag cmt in x side 2195 Tag cmt in Y.

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

SIGNATURE [Signature] TITLE PEA Supervisor DATE 1/19/96

TYPE OF FILM TELEPHONE NO.

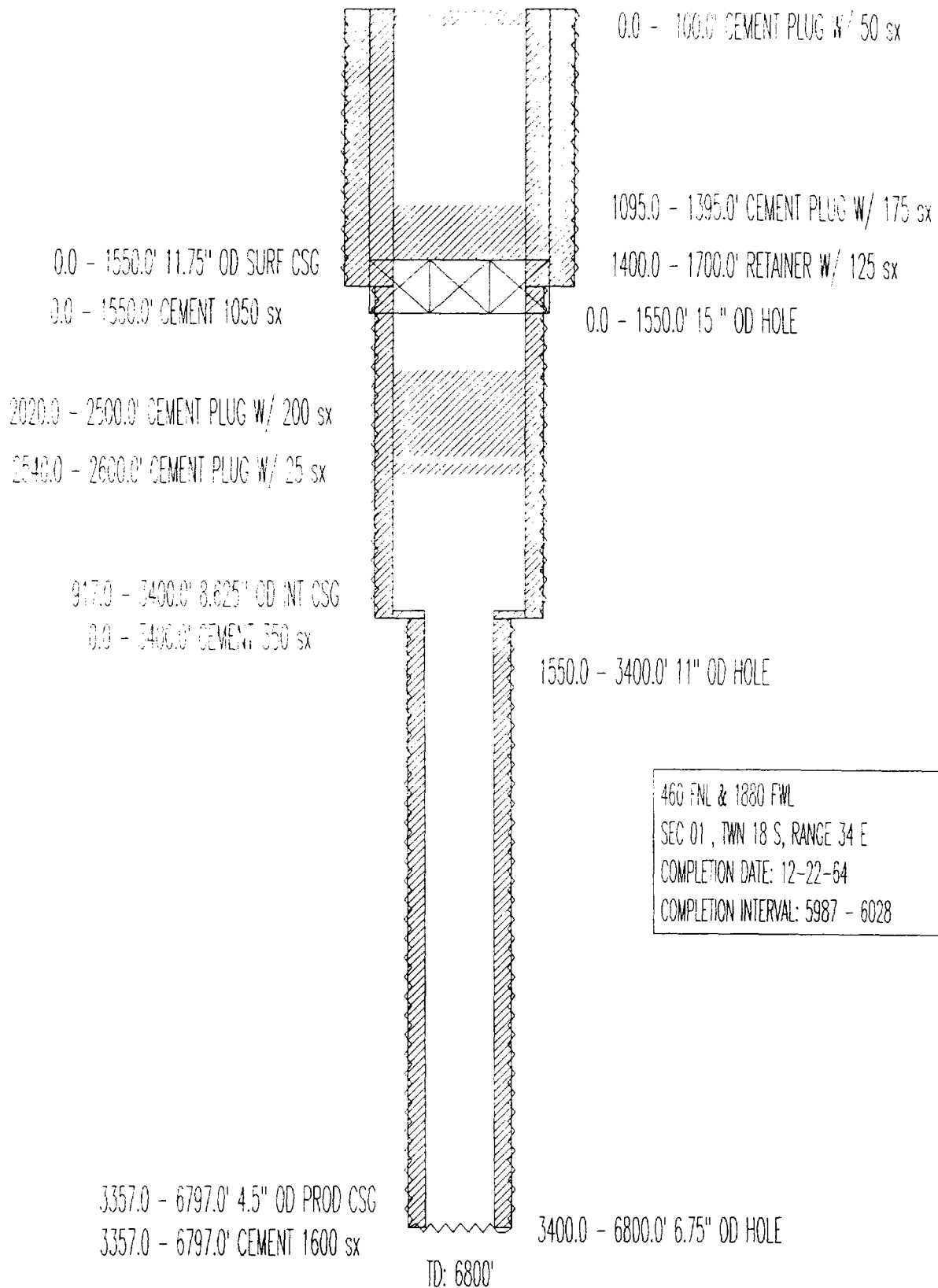
FILE UNDER THE NAME OF

APPROVED BY TITLE DATE

CONDITIONS OF APPROVAL, IF ANY:

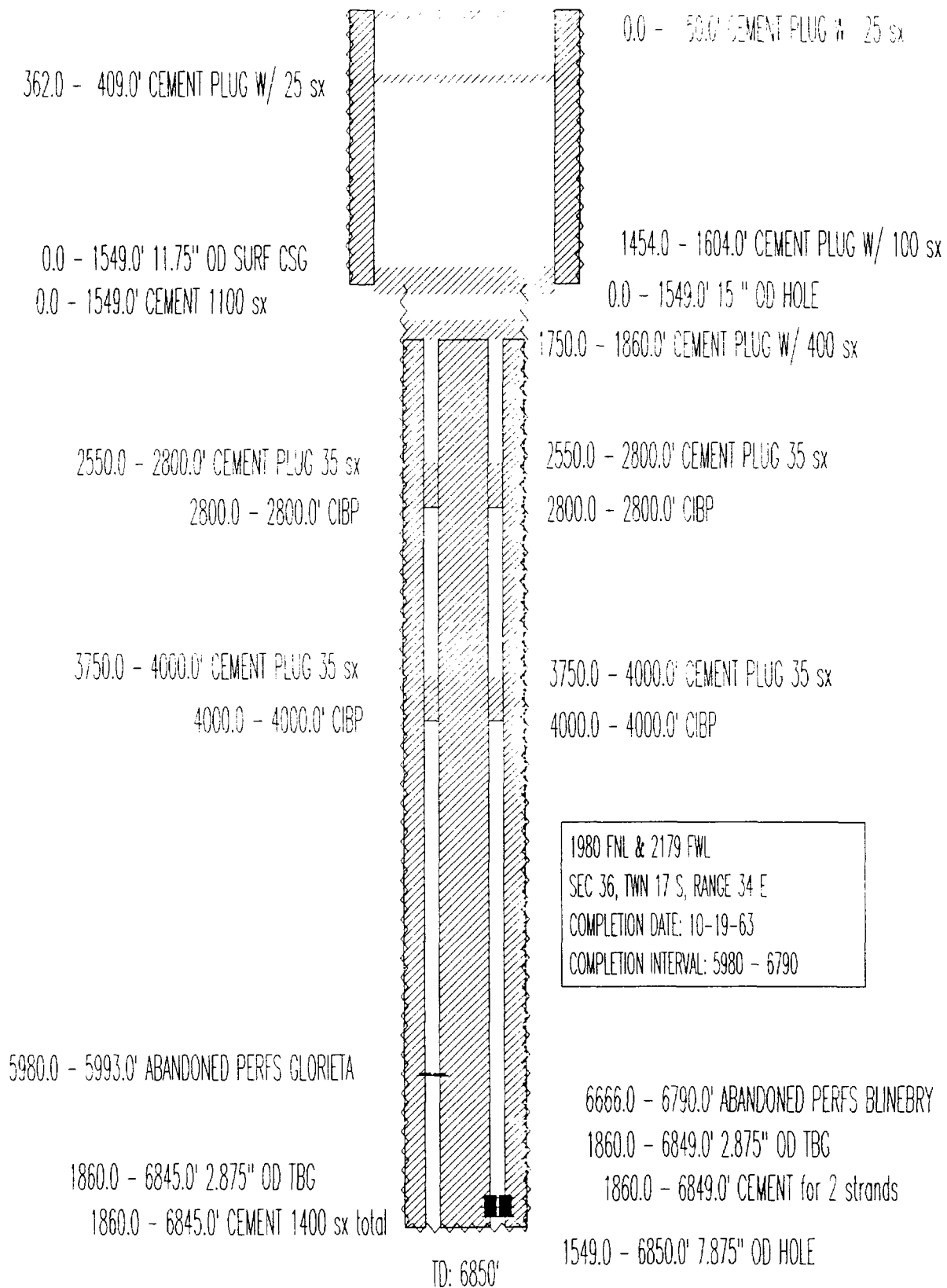
2558 Shut down. 1/10: Cut csg in x side 1800 hung up w/ cutting tool @ 1738 move csg 12' Hung up. Cut y side 1800' move six ft. Hung up. Left rope socket male to male sub CCL sinker bar & cutting sub in the hole w/ 2 ft WL on top. 1/11: Tr to fish WL tool. Couldn't. Left them in hole. 1/11: Mix and pump 70 sx Class C cmt in hole. Flow back cut could get well under control because of dual head. 1/12: Install BOP mix and pump 70 more sx Class C cmt Down y side Displ to 1700 Sqz w/ 300 PSI WOC Test bleed off slowly to 300 PSI shut down. 1/15: Test y side to 1000 PSI Held good tag cut @ 1758' cut y side csg at 1583 try to pull csg move 12' on y side try to move x side moved 15' Hang up free point pipe 9 5/8 csg clas at 1150' Install BOP shut down 1/16: RU on x side attempt to CIRC Press would build up to 4000 PSI and bleed off. Could pump cut down x side. RU on y side and Pump 100' sx cmt close csg valve and sqz last bbl @ 300 PSI Shut y side in with 3 PSI. 1/17: Test 100 sx sqz pump 1/16 wouldn't test 1/17 mix & pump 100 sx CL C cmt plug displ to 1583 WOC test 1:30 pm 1/17: Press test to 1000 PSI Bleed off to 500 PSI @ 3:30 pm Press test to 1000 PSI bleed off to 500 PSI @ 5:00 pm Shut WOC overnite 1/18: Well had 300 PSI pump 1 1/2 - 2 bbls/min 1000 PSI ok by Gary to pump 100 more sx CL C cmt at 1583 WOC and test 3 pm Held good 30 min test x side 3500 PSI 30 min held good. RIH w/ 2 1/16 on x side tag up at 1189' POOH RIH y side Tag up at 1189 w/ 2 1/16 TBG. Tag up in x side at 1437 tag up in y side 1282 1/19: Press test 9 5/8 csg 1000 PSI 30 min held good. Talked w/ Jerry ok to cut 2 7/8 csg x & y at 1150' Spot 40 sx CL C cmt on top of studs Mix and pump 40 sx at 1100' POOH to 400 ft mix and pump 40 sx at 400-300 POOH mix and pump 40 sx CL C cmt 100' to surf up 13 jts. FI up 9 5/8 csg Rig down cut well head off weld on dry hole marker Well plugged out 1/19. Cut csg on x side 1150, 1100, 1050 before I was able to pull x side.

SEARCO E&P INC.
 "M" W/ ST #2
 API# 3002520940



460 FNL & 1280 FNL
 SEC 01, TWN 18 S, RANGE 34 E
 COMPLETION DATE: 12-22-64
 COMPLETION INTERVAL: 5987 - 6028

LEASCO LOG INC.
ALBUQUERQUE, N.M.
AP# 3002520203



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NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

Name of Company TEXACO Inc.		Address P. O. Box 728 - Hobbs, New Mexico					
Lease State of New Mexico "M"	Well No. 6	Unit Letter C	Section 1	Township 18-S	Range 34-E		
Date Work Performed December 22, 1964	Pool Vacuum Glorieta & Blinbry			County Lea			
THIS IS A REPORT OF: (Check appropriate block)							
☐ Beginning Drilling Operations		☐ Casing Test and Cement job		☐ Other (Explain):			
☒ Plugging		☐ Remedial Work					

Detailed account of work done, nature and quantity of materials used, and results obtained.

Subject well has been plugged and abandoned as follows:

1. Recover 2483' of 8 5/8" O. D. Casing.
2. Spot 25 Sx Cement plug at 2600'.
3. Spot 200 Sx Cement plug at 2500'.
4. Spot 125 Sx Cement plug from 1400' to 1700'.
5. Spot surface plug, 50 Sx Cement from 0' to 100'.
6. Location cleaned for inspection, installed 4" marker extending 4' above ground level, as per New Mexico Oil Conservation Commission regulations, plug and abandon complete, 6:30 P. M. December 22, 1964.

Witnessed by L. S. Webber	Position Production Foreman	Company TEXACO Inc.
------------------------------	--------------------------------	------------------------

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA			
D F Elev.	T D	P BTD	Producing Interval
Completion Date			
Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth
Perforated Interval(s)			
Open Hole Interval		Producing Formation(s)	

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						

OIL CONSERVATION COMMISSION		I hereby certify that the information given above is true and complete to the best of my knowledge.	
red by <i>Leslie A. Clements</i>		Name <i>W. E. Morgan</i>	
Title		Position Assistant District Superintendent	
Date		Company	

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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CONSERVATION DIVISION
P. O. BOX 2089
SANTA FE, NEW MEXICO 87501

Form 1-103
Revised 10-1

3a. Indicate Type of Lease
State ☒
3. State Oil & Gas Lease No.
B-1080-1

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.)

OIL WELL ☒ GAS WELL ☐ OTHER ☐	7. Unit Agreement Name
Name of Operator TEXACO Inc.	8. Form or Lease Name N.M. "M" State
Address of Operator Drawer 728, Hobbs, New Mexico 88240	9. Well No. 6
Location of Well UNIT LETTER C 1880 FEET FROM THE West LINE AND 460 FEET FROM THE North LINE, SECTION 1 TOWNSHIP 18-S RANGE 34-E N.M.P.M.	10. Field and Pool, or Location Vacuum Gorieta a Blinebry
11. Elevation (Show whether DF, RT, CR, etc.) 4006' (DF)	12. County Lea

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOB ☐	
OTHER		Set add'l. plugs in P&A well	

17. 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. Rigged up. Pulled 2-7/8" tubing from cement retainer at 1395'.
2. Set 175 sx. Class "H" cement plug from 1395-1095'.
3. Spot 25 sx. Class "H" cement plug from 50' to surface.
4. Install dry-hole marker. Clean location.
5. Return to P&A status 10-22-80.

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

SIGNED J. A. Schuff TITLE Ass't. Dist. Supt. DATE 10-23-80
APPROVED BY A. H. Strickman TITLE Oil & Gas Inspector DATE JUN 23 1981

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

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

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.	30-025-20203
5. Indicate Type of Lease	STATE ☒ FEE ☐
6. State Oil & Gas Lease No.	B-155
7. Lease Name or Unit Agreement Name	New Mexico "O" State NCT-1
8. Well No.	19
9. Pool name or Wildcat	Vacuum Glorieta

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: OIL WELL ☒ GAS WELL ☐ OTHER ☐	
2. Name of Operator Texaco Exploration and Production Inc.	
3. Address of Operator P.O. Box 730 Hobbs, New Mexico	
4. Well Location Unit Letter <u>F</u> : <u>1980</u> Feet From The <u>North</u> Line and <u>2179</u> Feet From The <u>West</u> Line Section <u>36</u> Township <u>17-S</u> Range <u>34-E</u> NMPM Lea County	
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 4002' GL	

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK ☐	REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐	ALTERING CASING ☐
PULL OR ALTER CASING ☐	COMMENCE DRILLING OPNS. ☐
OTHER: ☐	PLUG AND ABANDONMENT ☐
	CASING TEST AND CEMENT JOB ☐
	OTHER: ☐

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.

- 12/09/91 - 12/19/91
1. Notified NMOC, MIRU w/P&A equip. Starting date 12-09-91.
 2. Ran gauge line in East string to 5607' & in West string to 5710'. Bled dn surf csg & nipped dn well head.
 3. Freepoint both strings of 2 7/8" csg @ 1860'. Installed BOP.
 4. TIH w/WS in East string to 5587', displaced hole w/salt gel mud, TOH w/WS. TIH w/WS in West string to 5690', displaced hole w/salt gel mud. TOH laying dn WS.
 4. In East string set CIBP @ 4000' & capped w/35' Class C cmt. Set CIBP @ 2800' & capped w/35' Class C cmt.
 5. In West string set CIBP @ 4000' & capped w/35' Class C cmt. Set CIBP @ 2800' & capped w/35' Class C cmt.
 6. Cut csg in East string @ freepoint (1860'), TOH laying dn csg.
- (CONTINUED ON BACK)

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

SIGNATURE M. C. Dwyer TITLE Engineer's Assistant DATE 12-30-91

TYPE OR PRINT NAME TELEPHONE NO. 393-7191

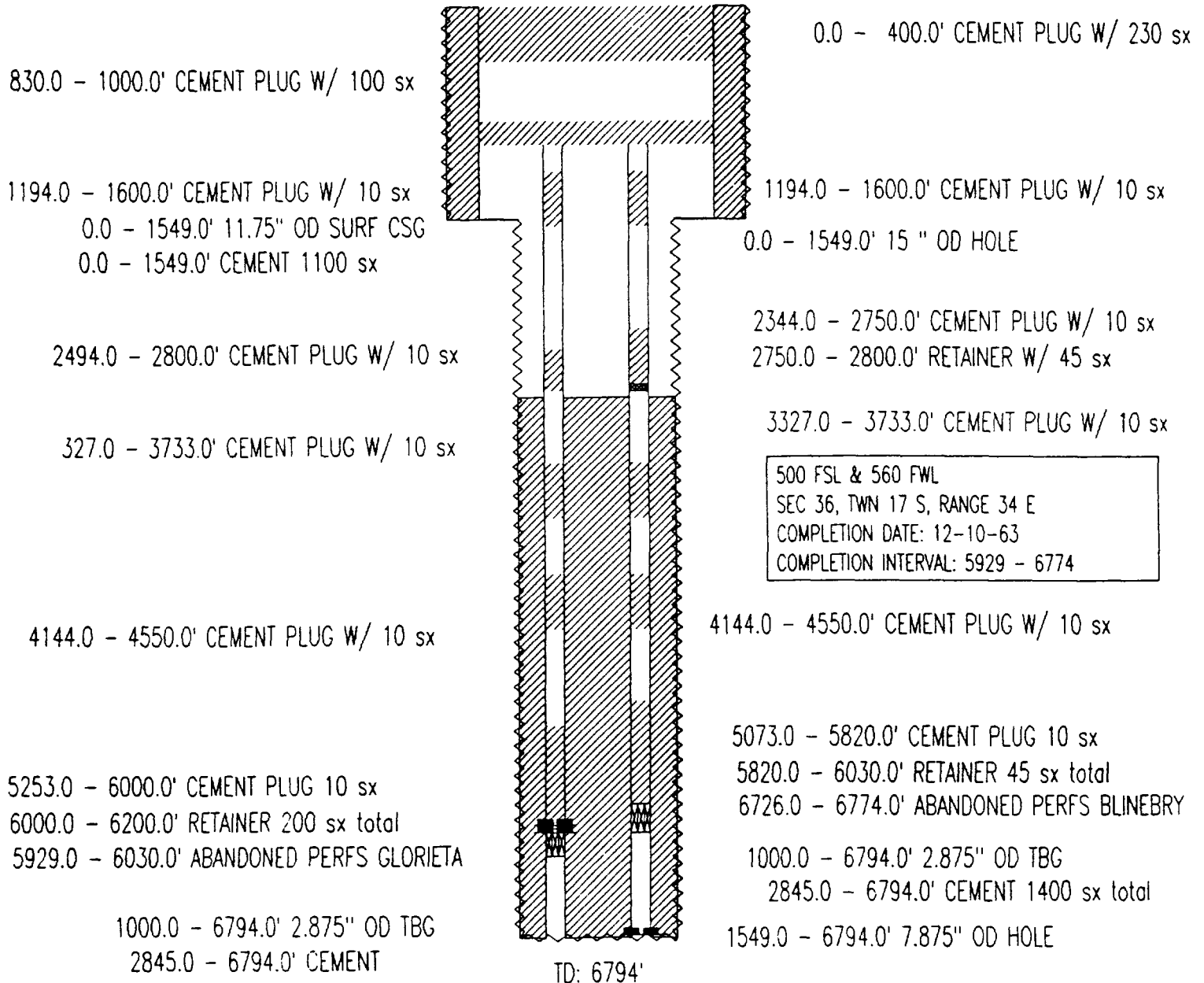
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APPROVED BY Lyle F. Turnackliff TITLE OIL & GAS INSPECTOR DATE JAN 27 '92

CONDITIONS OF APPROVAL, IF ANY:

7. Cut csg in West string @ freepoint (1860'), loaded hole w/salt gel mud.
8. Established circ, spt 150 sxs Class C cmt, WOC, tagged plug @ 1814'. Spt 150 sxs Class C cmt, WOC, tagged plug @ 1774'. Pulled up off plug, spt 100 sxs Class C cmt, WOC, tagged plug @ 1750'. Pulled up to 1604', spt 100 sxs Class C cmt, WOC, tagged plug @ 1454'.
9. TOH to 409', spt 25 sxs Class C cmt, tagged plug @ 362'. TOH to 50', spt 25 sxs Class C cmt from 50' to surf.
- 10 Cut off wellhead, installed dry hole marker, cleaned location. Completion date 12-19-91.

TEXACO E&P INC.
NM "O" ST.NCT-1 #22
API# 3002520319



DISTRICT I
P.O. Box 1960, 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 2083
Santa Fe, New Mexico 87504-2088

WELL APT. NO.
30-025-20319

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.
B-155-1

7. Lease Name or Unit Agreement Name
New Mexico "O" ST NCT-1

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 ☒ Gas ☐ Other ☐

2. Name of Operator
Texaco E&P Inc.

8. Well No.
22

3. Address of Operator
P.O. Box 730; Hobbs, NM 88240

9. Pool Name or Well(s)
Vacuum Glorieta/Blindery

4. Well Location
Unit Letter M : 500 Feet From The South Line and 560 Feet From The West Line

Section 36 Township 17S Range 34E NMPM Lea County

10. Elevation (Show whether DF, RKB, RT, CR, etc.)

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐ REMEDIAL WORK ☐ ALTERING CASING ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐ COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☒
PULL OR ALTER CASING ☐ CASING TEST AND CEMENT JOB ☐
OTHER: ☐ OTHER: ☐

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.

2: MIRU P/U L/D Rods Notify OCD 1/21/96.
3: RU WL Truck RIH on z side Tag @ 6028 w/ gauge ring RIH on y side to 6400. ~~Get a rate on a vacuum. Load back side test to 1000 PSI~~
4: Finish RIH w/ 2 1/16" TBG sting into CICR in y side 6000' Get a rate on a vacuum. Load back side test to 1000 PSI Get on TE Mix & Pump ~~5553~~ Cmt well on a vacuum WOC test 4 PM. RIH w/ 40 stands Load back side test to 1000 PSI Get on TE Pump BBLs well on vacuum. Mix & Pump ~~5553~~ CL C Cmt Well on vacuum. Pulled 40 stand Shut dwn. Test on 1/25 Well went on a vacuum on y side. Mix & Pump ~~5553~~ Pumped below CICR 6000 POOH. RIH on z side Mix & Pump 45 sx below C at 5820 sqz off 1500 PSI Cap CICR @ 5820 in z side 10 sx Cmt POOH Shut dwn.
5: RIH on y side sting into CICR @ 6000 Could Pump into Perf 3200-1 bbl/min sting out Mix 45 sx Cmt Got ~~3327~~ Below P: up to 3500 PSI Stop Pumping Held 2000 ~~3327~~ POOH on y side.
6: RIH on z side Spot 10 sx 4550 - 4144 POOH to 3733 Spot 10 sx 3733 - 3327 POOH ~~3327~~
7: RIH on y side Tag Cmt 5253 POOH 4550 - ~~3327~~ POOH to 3733 Spot 10 sx ~~3327~~ POOH 2800 ~~3327~~ POOH
1: RIH w/ Perf Gun Perf @ 2800 on z side POOH RIH w/ 2 7/8 CICR Set @ 2750 RIH w/ 2 1/16 TBG & Stinger SQZ CL C Cmt Below CICR @ 2750 0 Press POOH Shut Dwn
1: RIH w/ stinger sting into RET on z side Test 1000 PSI Held Good Sting Out Pump 10 sx Plug on top of CICR @ 2750-234 POOH Take stinger off back, in hole to 1600 Spot 10 sx CL C Plug 1600-1194 POOH z side RIH on y side 1600 mix ~~1600~~ CL C Plug ~~1600~~ POOH cut 2 7/8 CSB on y side @ 1000' Load csg cut csg on z side Mix & Pump 100 sx CL Plug @ 1000' POOH Shut Dwn for the day. (Continued on Back of Form.)

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

SIGNATURE [Signature] TITLE P&A Supervisor DATE 2/2/96

TYPE OR PRINT NAME TELEPHONE NO.

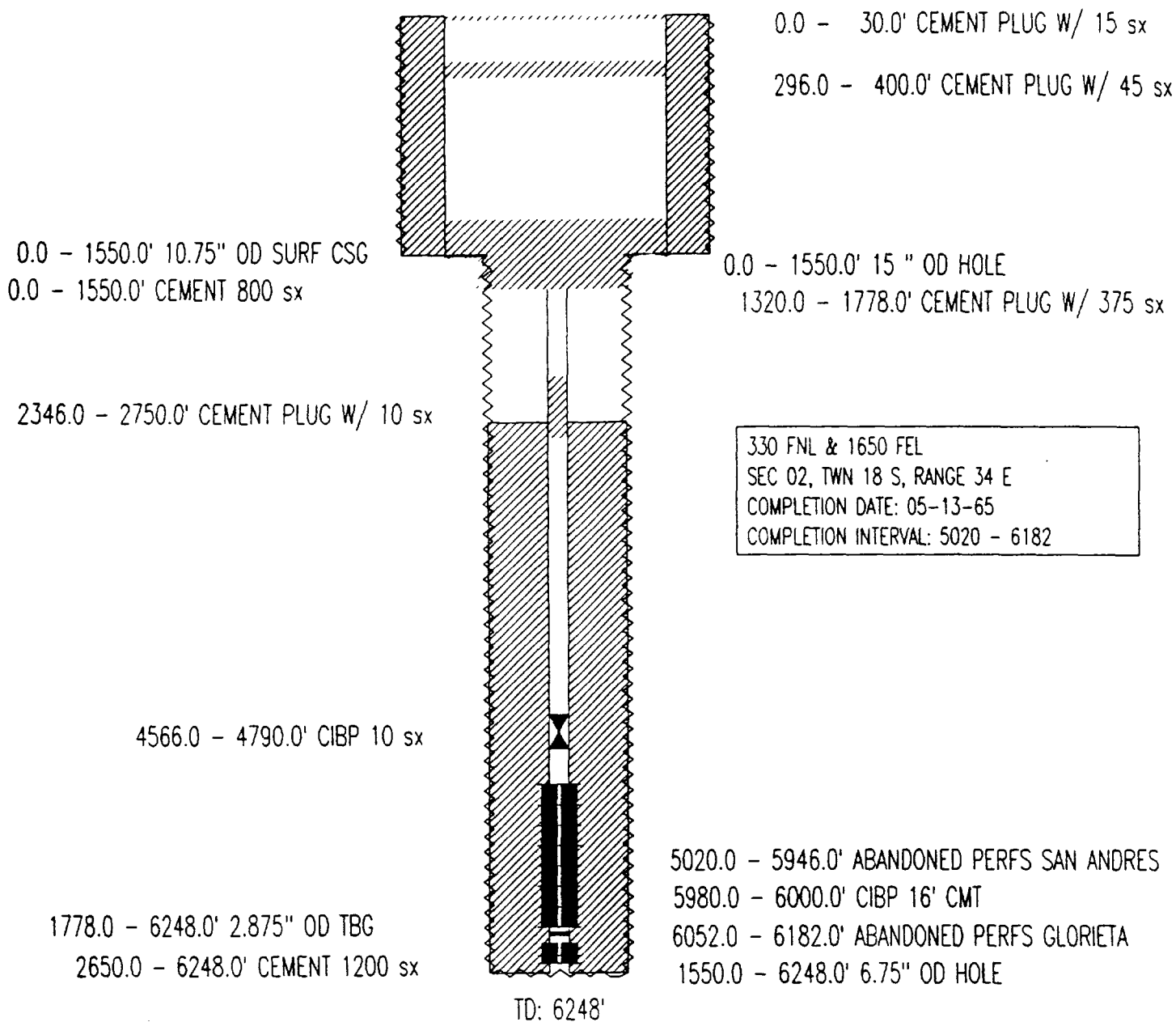
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APPROVED BY TITLE DATE

CONDITIONS OF APPROVAL IF ANY:

Tag Cat in 11 3/4 830' POOH to 400' Circulate 11 3/4 Pipe to Surf w/ 230 sx CL C Cat RD move off
; Plugged Out 2/2/96. Cut Well head off Weld on Dry Hole Marker.

TEXACO E&P INC.
NM "R" ST.NCT-2 #5
API# 3002521424



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

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

DISTRICT III
Brace Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

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

WELL API NO. 3002521424	
5. Indicate Type of Lease STATE ☒ FEE ☐	
6. State Oil & Gas Lease No. 8-1306-1	
7. Lease Name or Unit Agreement Name New Mexico "R" State NCT-2	
8. Well No. 5	
9. Pool name or Wildcat Vacuum Grayburg San Andres	

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

1. Type of Well: OIL WELL ☒ GAS WELL ☐ OTHER ☐	
2. Name of Operator Texaco E&P Inc.	
3. Address of Operator P.O. Box 730 Hobbs, NM 88240	
4. Well Location Unit Letter <u>B</u> : <u>330</u> Feet From The <u>North</u> Line and <u>1650</u> Feet From The <u>East</u> Line Section <u>2</u> Township <u>18S</u> Range <u>34E</u> NMPM Lea County	
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 4011 GL	

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data.			
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☒
PULL & ALTER CASING ☐		CASING TEST AND CEMENT JOB ☐	
OTHER ☐		OTHER ☐	

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 1101.

- 3-9-95 Notify NMOCD of intent to plug & abandon well.
- 3-10-95 Rig up wire line set CIBP @ 4790. Pick up 2-1/16" workstring, TIH w/tag CIBP; mix & circ. well w/25# per bbl. salt gel mud.
- 3-10-95 Cap CIBP @ 4790 w/10sx cmt. cal TOC 4566'.
- 3-13-95 Jet cut csg. 2700'. pipe not free.
- 3-14-95 Spot 10sx cmt. @ 2750' displace to 2346' talk to NMOCD Paul Kaute.
- 3-14-95 Jet cut csg. @ 1778. Spot 125sx cmt. plug @ 1778' WOC & tag 3-15-95 no cmt.
- 3-15-95 Spot 125sx cmt. plug @ 1778' WOC 4 hr. Tag @ 1708'.
- 3-15-95 Spot 125sx cmt. plug @ 1708' WOC & tag 3-16-95 @ 1320'.
- 3-16-95 Spot 45sx cmt. plug @ 400'. Cal TOC 296'.
- 3-16-95 Spot 15sx cmt. plug @ 30-surface.
- 3-17-95 Dig out cellar; cut off well head; cap well & install dry hole marker
Rig down & move off.

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

SIGNATURE [Signature] TITLE P&A Supervisor DATE 3-17-95

TYPE OR PRINT NAME J. Calder TELEPHONE NO. _____

This space for State Use)

ATT [Signature] TITLE _____ DATE _____

CONC. OF APPROVAL IF ANY: _____

OIL & GAS INSPECTOR MAY 16 1995

2. B. F.

**STATE 35 UNIT
ATTACHMENT VII TO FORM C-108
APPLICATION FOR AUTHORIZATION TO INJECT WATER
AND CARBON DIOXIDE**

**DATA ON THE PROPOSED OPERATION
OF THE INJECTION WELLS**

The proposed average and maximum daily water injection rate is:

Average daily rate 1,500 BWPD, Maximum daily rate 3,500 BWPD

The proposed average and maximum daily carbon dioxide rate is:

Average daily rate 3,000 MMSCFD, Maximum daily rate 5,000 MMSCFD

Both the water and carbon dioxide systems are closed.

The proposed average and maximum surface injection pressures for water are:

Average injection pressure 1,700 PSIG, Maximum* injection pressure 2,150 PSIG

The proposed average and maximum surface injection pressures for carbon dioxide are:

Average injection pressure 1,700 PSIG, Maximum* available injection pressure 1,850 PSIG

* Maximum injection pressures are based on pre-existing injection pressure allowable which are based on actual San Andres fracture gradients.

Water has been injected into the San Andres Formation since 1983 under the authority on NMOCD Order No. R7103.

The gas composition from the Cortez pipeline is approximately:

CARBON DIOXIDE	98%
NITROGEN	2%

As breakthrough gas becomes available, it will be mixed with pipeline gas and reinjected.

**STATE 35 UNIT
ATTACHMENT VIII TO FORM C-108
APPLICATION FOR AUTHORIZATION TO INJECT
AND CARBON DIOXIDE**

**GEOLOGICAL DATA
THE INJECTION ZONES**

The unitized interval for the proposed State 35 Unit is the stratigraphic interval in the Garyburg-San Andres formation that extends from a measured depth of 4000' (+21') to 4950'(-929) in the Hale # 8 well. The Hydrocarbon productive interval which will be flooded is Permian(Guadalupian) in age.

The top of the San Andres ranges in depth from 4295(-282) to 4513(-481) feet and is approximately 610 feet thick. The primary reservoir lithofacies within the San Andres consists of dolomitized subtidal grain dominated carbonates deposited as shoals.

The base of the Ogallala Aquifer is located at approximately 220'(+3801') and is the primary source for drinking water in the area. The Grayburg-San Andres does not contain faults or fractures that act as conduits for gas, oil or injection fluids to seep into the Ogallala fresh water aquifers above the injection zone within the proposed State 35 Unit boundaries. No contamination of the Ogallala Aquifer through faults or fracture zones in the Grayburg-San Anders interval has been observed in the area.

**STATE 35 UNIT
ATTACHMENT IX TO FORM C-108
APPLICATION FOR AUTHORIZATION TO INJECT WATER
AND CARBON DIOXIDE**

**STIMULATION PROGRAM
FOR A
TYPICAL SAN ANDRES INJECTION WELL**

All injection wells are cased hole completions and selective perforated within the proposed unitized interval. Stimulations will be small to medium sized matrix Hydrochloric acid treatments. Acid concentrations will typically range from 7 1/2% to 20 % depending on anticipated damage present. As the flood matures, additional matrix acid treatments may be preceded by an oil soluble surfactant, and the acid mixture may contain commercial mutual solvents.

**STATE 35 UNIT
ATTACHMENT X TO FORM C-108
APPLICATION FOR AUTHORIZATION TO INJECT WATER
AND CARBON DIOXIDE**

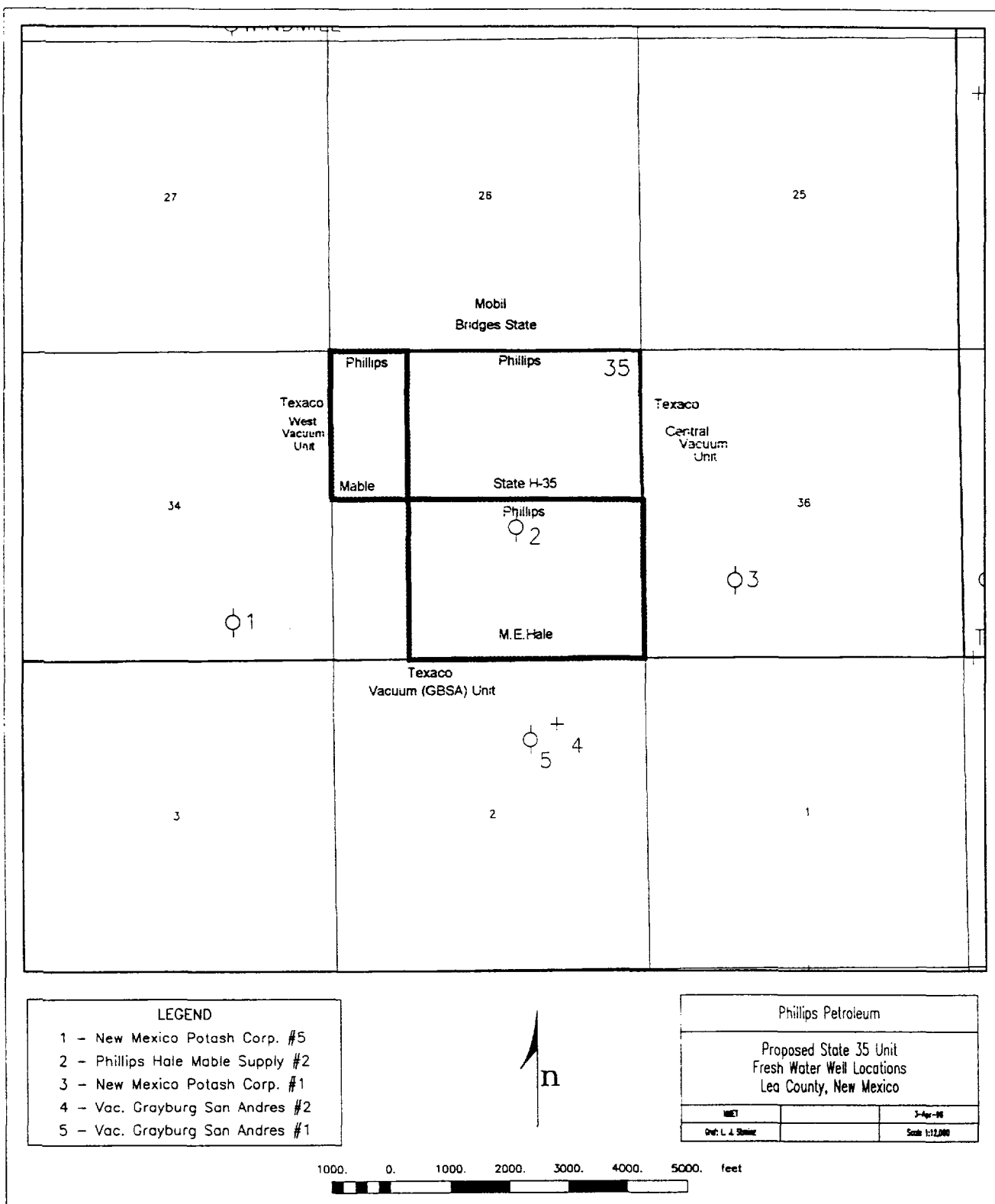
**PROPOSED INJECTION WELL
LOGGING AND TEST DATA**

All information has been previously submitted to the State of New Mexico under the NMOCD order No. R7103.

**STATE 35 UNIT
ATTACHMENT XI TO FORM C-108
APPLICATION FOR AUTHORIZATION TO INJECT WATER
AND CARBON DIOXIDE**

CHEMICAL ANALYSIS OF FRESH WATER

All information has been previously submitted to the State of New Mexico under the NMOCD order No. R7103. Recent tests have been conducted and analyses follow.



UNICHEM

A Division of BJ Services Company

Lab Test No : 9462

Phillips

Sample Date : 3/26/96

Lab Date In : 3/28/96

Lab Date Out : 3/28/96

Water Analysis

Listed below please find water analysis report from : Potash

#5

Specific Gravity : 1.000

Total Dissolved Solids : 193

pH :

Conductivity (uohms):

Ionic Strength : 0.006

Cations: mg/l

Calcium (Ca++): 51

Magnesium (Mg++): 22

Sodium (Na+): 18

Iron (Fe++): 0.03

Dissolved Iron (Fe++):

Barium (Ba++): 0.30

Strontium (Sr):

Manganese (Mn++): 0.05

Resistivity :

Anions:

Bicarbonate (HCO₃-):

Carbonate (CO₃--):

Hydroxide (OH-): 0

Sulfate (SO₄--): 38

Chloride (Cl-): 100

Gases: ppm

Carbon Dioxide (CO₂):

Oxygen (O₂):

Hydrogen Sulfide (H₂S):

Scale Index (positive value indicates scale tendency) a blank indicates some tests were not run

Temperature

CaCO₃ SI

CaSO₄ SI

86F 30.0C

104F 40.0C

122F 50.0C

140F 60.0C

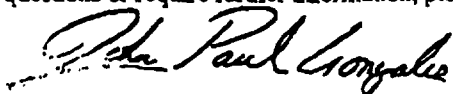
168F 70.0C

176F 80.0C

Comments :

If you have any questions or require further information, please contact us.

Sincerely,



cc: Jay Brown

Joe Hay

Laboratory Technician

P.O. Box 61427, Midland, TX 79711 • 4312 S. County Rd. 1298, Midland, TX 79765

Office: (915) 563-0241 • Fax: (915) 563-0243

UNICHEM

Division of BJ Services Company

Lab Test No : 9464

Phillips

Sample Date : 3/26/96

Lab Date In : 3/28/96

Lab Date Out : 3/28/96

Water Analysis

Listed below please find water analysis report from : Halo Mable

S.O. #2

Specific Gravity : 1.000

Total Dissolved Solids : 198

pH :

Conductivity (uohms):

Ionic Strength : 0.006

Cations:

mg/l

Calcium (Ca++): 50

Magnesium (Mg++): 19

Sodium (Na+): 10

Iron (Fe++): 0.40

Dissolved Iron (Fe++):

Barium (Ba++): 0.20

Strontium (Sr):

Manganese (Mn++): 0.07

Resistivity :

Anions:

Bicarbonate (HCO3-):

Carbonate (CO3--):

Hydroxide (OH-): 0

Sulfate (SO4--): 50

Chloride (Cl-): 90

Gases:

ppm

Carbon Dioxide (CO2):

Oxygen (O2):

Hydrogen Sulfide (H2S):

Scale Index (positive value indicates scale tendency) a blank indicates some tests were not run

Temperature

CaCO3 SI

CaSO4 SI

86F 30.0C

104F 40.0C

122F 50.0C

140F 60.0C

168F 70.0C

176F 80.0C

Comments :

If you have any questions or require further information, please contact us.

Sincerely,



Laboratory Technician

cc: Jay Brown

Joc Hay

P.O. Box 61427, Midland, TX 79711 • 4312 S. County Rd. 1298, Midland, TX 79765

Office: (915) 563-0241 • Fax: (915) 563-0243

MAR 29 09:52 FR

UNICHEM

Division of BJ Services Company

Lab Test No : 9461

Phillips

Sample Date : 3/26/96

Lab Date In : 3/28/96

Lab Date Out : 3/28/96

Water Analysis

Listed below please find water analysis report from : Potash

#1

Specific Gravity : 1.000

Total Dissolved Solids : 265

pH :

Conductivity (uohms):

Ionic Strength : 0.008

=====
Cations: mg/l
Calcium (Ca++): 59
Magnesium (Mg++): 23
Sodium (Na+): 0
Iron (Fe++): 0.07
Dissolved Iron (Fe++):
Barium (Ba++): 0.40
Strontium (Sr):
Manganese (Mn++): 0.39
Resistivity :

Anions:
Bicarbonate (HCO3-):
Carbonate (CO3--):
Hydroxide (OH-): 0
Sulfate (SO4--): 43
Chloride (Cl-): 140

=====
Gases: ppm
Carbon Dioxide (CO2):
Oxygen (O2):
Hydrogen Sulfide (H2S):

=====
Scale Index (positive value indicates scale tendency) a blank indicates some tests were not run

Temperature	CaCO3 SI	CaSO4 SI
86F 30.0C		
104F 40.0C		
122F 50.0C		
140F 60.0C		
168F 70.0C		
176F 80.0C		

Comments :

If you have any questions or require further information, please contact us.

Sincerely,



Laboratory Technician

cc: Jay Brown
Joe Hay

UNICHEM

Division of BJ Services Company

Lab Test No : 9459

Phillips

Sample Date : 3/26/96

Lab Date In : 3/28/96

Lab Date Out : 3/28/96

Water Analysis

Listed below please find water analysis report from : VGSAU

WSW #2

Specific Gravity : 1.000

Total Dissolved Solids : 249

pH :

Conductivity (uohms):

Ionic Strength : 0.008

Cations:		mg/l
Calcium	(Ca++):	66
Magnesium	(Mg++):	24
Sodium	(Na+):	16
Iron	(Fe++):	0.50
Dissolved Iron	(Fe++):	
Barium	(Ba++):	0.30
Strontium	(Sr):	
Manganese	(Mn++):	0.06
Resistivity :		

Anions:		
Bicarbonate	(HCO ₃ -):	
Carbonate	(CO ₃ --):	
Hydroxide	(OH-):	0
Sulfate	(SO ₄ --):	45
Chloride	(Cl-):	130

Gases:		ppm
Carbon Dioxide	(CO ₂):	
Oxygen	(O ₂):	
Hydrogen Sulfide	(H ₂ S):	

Scale Index (positive value indicates scale tendency) a blank indicates some tests were not run

Temperature	CaCO ₃ SI	CaSO ₄ SI
86F 30.0C		
104F 40.0C		
122F 50.0C		
140F 60.0C		
168F 70.0C		
176F 80.0C		

Comments :

If you have any questions or require further information, please contact us.

Sincerely,

John Paul Gonzales

Laboratory Technician

cc: Jay Brown
Joe Hay

UNICHEM

a Division of BJ Services Company

Lab Test No : 9458

Phillips

Sample Date : 3/26/96

Lab Date In : 3/28/96

Lab Date Out : 3/28/96

Water Analysis

Listed below please find water analysis report from : VGSAU

WSW #1

Specific Gravity : 1.000

Total Dissolved Solids : 198

pH :

Conductivity (uohms):

Ionic Strength : 0.006

Cations:		mg/l
Calcium	(Ca++):	38
Magnesium	(Mg++):	18
Sodium	(Na+):	4
Iron	(Fe++):	0.30
Dissolved Iron	(Fe++):	
Barium	(Ba++):	0.30
Strontium	(Sr):	
Manganese	(Mn++):	0.04
Resistivity :		

Anions:		
Bicarbonate	(HCO ₃ -):	
Carbonate	(CO ₃ --):	
Hydroxide	(OH-):	0
Sulfate	(SO ₄ --):	48
Chloride	(Cl-):	90

Gases:		ppm
Carbon Dioxide	(CO ₂):	
Oxygen	(O ₂):	
Hydrogen Sulfide	(H ₂ S):	

Scale Index (positive value indicates scale tendency) a blank indicates some tests were not run

Temperature		CaCO ₃ SI	CaSO ₄ SI
86F	30.0C		
104F	40.0C		
122F	50.0C		
140F	60.0C		
168F	70.0C		
176F	80.0C		

Comments :

If you have any questions or require further information, please contact us.

Sincerely,



Laboratory Technician

cc: Jay Brown
Joe Hay

**STATE 35 UNIT
ATTACHMENT XII TO FORM C-108
APPLICATION FOR AUTHORIZATION TO INJECT WATER
AND CARBON DIOXIDE**

STATEMENT OF HYDRAULIC INTEGRITY

Not applicable - application is not for disposal purposes.

**STATE 35 UNIT
ATTACHMENT XIII TO FORM C-108
APPLICATION FOR AUTHORIZATION TO INJECT WATER
AND CARBON DIOXIDE**

PROOF OF NOTICE

Copies of this application have been furnished to the following:

1. Surface Land Owner

State of New Mexico
State Land Office
310 Old Santa Fe Trail
P. O. Box 1148
Santa Fe, New Mexico 87504-1148

2. Offset Operators

- A. Marathon Oil Company
 P. O. Box 552
 Midland, Texas 79702
- B. Mobil Exploration and Production, Inc.
 500 West Illinois
 Suite 100
 Midland, Texas 79701
- C. Texaco Exploration and Production, Inc.
 P. O. Box 3109
 Midland, Texas 79702
 Attn: Frank Gray



RHILSON'S PETROLEUM COMPANY

EXPLORATION AND PRODUCTION
PERMIAN BASIN REGION
1001 PENBROOK
ODESSA, TEXAS 79762

Fold at line over top of envelope to the
right of the return address

CERTIFIED

Z 017 100 535

MAIL

State of New Mexico
State Land Office
P. O. Box 1148
Santa Fe, New Mexico 87504-1148

is your RETURN ADDRESS completed on the reverse side?

SENDER:

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

3. Article Addressed to:

*Estate of New Mexico
State Land Office
P.O. Box 1148
Santa Fe, New Mexico
87504-1148*

5. Signature (Addressee)

6. Signature (Agent)

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

- ☐ Addressee's Address
- ☐ Restricted Delivery

Consult postmaster for fee.

4a. Article Number

NZ 017 100 535

4b. Service Type

- ☐ Registered
- ☒ Certified
- ☐ Insured
- ☐ COD
- ☐ Express Mail
- ☒ Return Receipt for Merchandise

7. Date of Delivery

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

Thank you for using Return Receipt Service.



SLIPS PETROLEUM COMPANY

EXPLORATION AND PRODUCTION
PERMIAN BASIN REGION
4001 PENBROOK
ODESSA, TEXAS 79762

Fold at line over top of envelope to the
right of the return address

CERTIFIED

Z 017 100 539

MAIL

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

SENDER:

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

3. Article Addressed to:

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

5. Signature (Addressee)**6. Signature (Agent)**

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

- 1. ☐ Addressee's Address
- 2. ☐ Restricted Delivery

Consult postmaster for fee.

4a. Article Number

Z 017 100 539

4b. Service Type

- ☐ Registered ☐ Insured
- ☒ Certified ☐ COD
- ☐ Express Mail ☒ Return Receipt for Merchandise

7. Date of Delivery**8. Addressee's Address (Only if requested and fee is paid)**

Thank you for using Return Receipt Service.

Is your RETURN ADDRESS completed on the reverse side?



LIPS PETROLEUM COMPANY

EXPLORATION AND PRODUCTION
PERMIAN BASIN REGION
4001 PENBROOK
ODDESSA, TEXAS 79762

Fold at line over top of envelope to the
right of the return address

CERTIFIED

Z 017 100 540

MAIL

Mobil Exploration and Production, Inc.
500 West Illinois
Suite 100
Midland, Texas 79701



PHILLIPS PETROLEUM COMPANY

EXPLORATION AND PRODUCTION
PERMIAN BASIN REGION
4001 PENBROOK
ODESSA, TEXAS 79762

Fold at line over top of envelope to the
right of the return address

CERTIFIED

Z 017 100 541

MAIL

Texaco Exploration and Production, Inc
P. O. Box 3109
Midland, Texas 79702
Attn: Frank Gray

Is your RETURN ADDRESS completed on the reverse side?

SENDER:

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

3. Article Addressed to:

*Sepaco Exploration &
Production, Inc.
P.O. Box 3109
Midland, Texas
79702
Attn: Arambay*

5. Signature (Addressee)

6. Signature (Agent)

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

- 1. ☐ Addressee's Address
- 2. ☐ Restricted Delivery

Consult postmaster for fee.

4a. Article Number

Z 017 100 541

4b. Service Type

- ☐ Registered
- ☒ Certified
- ☐ Insured
- ☐ Express Mail
- ☐ COP
- ☒ Return Receipt for Merchandise

7. Date of Delivery

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

Thank you for using Return Receipt Service.