STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL
RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 SOUTH PACHECO
SANTA FE, NEW MEXICO 87505

FORM C-108
Revised 4-1-98

APPLICATION FOR AUTHORIZATION TO INJECT

I. PURPOSE: ___X___ Secondary Recovery _____ Pressure Maintenance _____ Disposal _____ Storage
Application qualifies for administrative approval? ___X___ Yes _____ No

II. OPERATOR: Texaco Exploration and Production Inc

ADDRESS: P.O. Box 3109, Midland TX 79705

CONTACT PARTY: Stephen N. Guillot PHONE: 915-688-4577

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? ___X___ Yes ___X___ No
If yes, give the Division order number authorizing the project: R-5530- A/B/C/D

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 geologic data on the injection zone including appropriate lithologic detail, geologic 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 sources 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 sources 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: Stephen N. Guillot TITLE: Production Engineer

SIGNATURE: Stephen N. Guillot DATE: 14-Dec-00

* If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show date & circumstances of the earlier submittal: R-5530, 8-17-77; 5530-A, 6-21-78; 5530-B, 8-30-78; 5530-C, 9-23-81; 5530-D, 3-16-83; 5530-E, 4-30-97; PMX-86, 5-6-80; PMX-121, 11-17-82; PMX-178, 1-31-95; PMX-179, 4-4-95; PMX-200, 3-16-00

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

III. WELL DATA

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

(1) Lease name; Well No.; Location by Section, Township and Range; and footage location within the section.

(2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.

(3) A description of the tubing to be used including its size, lining material, and setting depth.

(4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

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

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

(1) The name of the injection formation and, if applicable, the field or pool name.

(2) The injection interval and whether it is perforated or open-hole.

(3) State if the well was drilled for injection or, if not, the original purpose of the well.

(4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.

(5) Give the depth to and the 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, 2040 South Pacheco, Santa Fe, New Mexico 87505, 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.

December 14, 2000

NEW MEXICO OIL CONSERVATION DIVISION – Form C-108

Application for Water and CO_2 Flood Expansion

Unit Name: Central Vacuum Unit Lea County, New Mexico

Central Vacuum Unit No. 173: Unit Ltr. H	**Surface Location 2509 FNL, 660 FEL, Section 36, Twp. 17S, Range 34E**
Central Vacuum Unit No. 241: Unit Ltr. B	**Surface Location 74FNL, 1940 FEL, Section 36, Twp. 17S, Range 34E**

III. We are requesting approvals for injection of water and CO_2 into Central Vacuum Unit Nos. 173 and 241. **These are replacement wells for previously permitted injection wells (Central Vacuum Unit Nos. 41 and 72) which are no longer active due to their mechanical condition.** A schematic is attached for Central Vacuum Unit Well No. 173, which is being drilled at the time of this submittal. Casing has been set and the horizontal lateral are about to be drilled. Central Vacuum Unit No. 241 has not yet been spudded. It will be of nearly identical construction to Central Vacuum Unit No. 173 with minor modifications to the depths to the windows of the horizontal laterals. The CVU is unitized in the Grayburg and San Andres Formations from 4100' – 4800'. There is no active shallower production in the immediate vicinity of the proposed wells, although the New Mexico State "O" No. 20 was recompleted in the Yates formation at a depth of 3200', produced, and is now shut-in. The Yates is the only shallow zone known to be productive of hydrocarbons. At about 6100', the Paddock and Glorieta are utilized in the Vacuum Glorieta West Unit. This is the next productive interval below the Grayburg-San Andres.

V. Three maps are attached: a large scale county map showing 2-mile (light blue) and ½-mile (dark blue) circles around the proposed wells, a smaller scale version of the same map with ½-mile radius, and a lease map showing the ½-mile radius around the bottomhole locations of the horizontal laterals.

VI. A list of all wells in the review area is provided herein. . This list includes current status, location data, API numbers and spud date. The entire review area was covered by the C-108 application for the Central Vacuum Unit CO_2 Injection Project, which was approved by Order No. R-5530-E dated April 30, 1997. Most pertinent well data in the review area was included in that previous submittal. Fifteen wellbore schematics are attached to this request that are for wells drilled, horizontally recompleted, or plugged and abandoned since the data was compiled for the previously mentioned request (R-5530-E).

VII. This data has been previously submitted under NMOCD Order R-5530 dated September 20, 1977, amendments R-5530-A/B/C/D, PMX-86 dated May 6, 1980 and PMX-121 dated November 2, 1982, and under Order No. R-5530-E dated April 30, 1997. For the subject wells, CVU Nos. 173 and 241, we will request approval to increase surface water injection pressures to as high as 1500 psi, and CO_2 surface injection pressure to as high as 1850 psi (in accordance with R-5530-E), following step-rate testing. Initially these pressures will be limited to 860 psi for water and 1210 psi for CO_2. At the higher pressures it is anticipated that injection rates could be as high as 4000 barrels of water per day or 10 million cubic feet of CO_2 per day for No. 173, and as high as 2400 barrels of water per day or 6 million cubic feet of CO_2 per day. Average rates are anticipated to be half these maximums. These injection rates are uncertain as these are the first horizontal injection wells in this field. The injection system is closed.

VIII. This data has been previously submitted under NMOCD Order R-5530 dated September 20, 1977, amendments R-5530-A/B/C/D, PMX-86 dated May 6, 1980 and PMX-121 dated November 2. 1982, and under Order No. R-5530-E dated April 30, 1997.

IX. These wells will have two horizontal laterals (approximately 1300' long), one each in the lower San Andres and upper San Andres. Each lateral will be stimulated using ported subs with 40,000 gallons of 20% hydrochloric acid pumped at 30 barrels per minute.

X. This data has been previously submitted under NMOCD Order R-5530 dated September 20, 1977, amendments R-5530-A/B/C/D, PMX-86 dated May 6, 1980 and PMX-121 dated November 2, 1982, and under Order No. R-5530-E dated April 30, 1997.

XI. This data has been previously submitted under NMOCD Order R-5530 dated September 20, 1977, amendments R-5530-A/B/C/D, PMX-86 dated May 6, 1980 and PMX-121 dated November 2. 1982, and under Order No. R-5530-E dated April 30, 1997.

XII. We have extensively examined the geology in this area and have reinjected produced water in this area. We have never found any fresh water contamination and have no reason to believe that this project will jeopardize groundwater quality.

LIST OF ATTACHMENTS

1. Form C-101's (application for Permit to Drill) for Central Vacuum Unit Nos. 173 and 241.
2. Wellbore schematic for Central Vacuum Unit Well No. 173 which serves as a "typical" wellbore schematic for Central Vacuum Unit No. 241.
3. Large-scale county map showing 2-mile (light blue) and ½-mile (dark blue) circles around the proposed wells.
4. A smaller scale version of the same map with ½-mile radius.
5. A lease map showing the ½-mile radius around the bottomhole locations of the horizontal laterals.
6. List of all wellbores that penetrate the proposed injection zone in the area of review.
7. List of wellbore schematics included in this submittal (wells drilled, P&A'd, or horizontally recompleted since the data was compiled for the C-108 for the Central Vacuum Unit CO_2 flood; No. R-5530-E dated April 30, 1997)
8. 15 wellbore schematics descibed in #7.
9. Proof of Notice Summary Section.

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980
DISTRICT II
P.O. Box Drawer DD, Artesia, NM 88211-0719
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410
DISTRICT IV
P.O. Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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

Form C-101
Revised February 10,1994
Instructions on back
Submit to Appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies
☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1 Operator Name and Address	2 OGRID Number
TEXACO EXPLORATION & PRODUCTION INC. P.O. Box 3109, Midland Texas 79702	022351 3 API Number 30-025-35212

4 Property Code	5 Property Name	6 Well No.
11122	CENTRAL VACUUM UNIT	173

7 Surface Location

Ul or lot no.	Section	Township	Range	Lot.Idn	Feet From The	North/South Line	Feet From The	East/West Line	County
H	36	17-S	34-E		2509	NORTH	660	EAST	LEA

8 Proposed Bottom Hole Location If Different From Surface

Ul or lot no.	Section	Township	Range	Lot.Idn	Feet From The	North/South Line	Feet From The	East/West Line	County
G	36	17-S	34-E		2610	NORTH	1980	EAST	LEA

9 Proposed Pool 1	10 Proposed Pool 2
VACUUM, SAN ANDRES GB	

11 Work Type Code	12 WellType Code	13 Rotary or C.T.	14 Lease Type Code	15 Ground Level Elevation
N	O	ROTARY	S	3988'
16 Multiple	**17 Proposed Depth**	**18 Formation**	**19 Contractor**	**20 Spud Date**
No	4850'	SAN ANDRES		11/1/00

21 Proposed Casing and Cement Program

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4"	9 5/8"	36#	1550'	650	CIRCULATE
8 3/4"	7"	23#	4850'	600	CIRCULATE

22 Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zoneand proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

CEMENTING PROGRAM:
SURFACE CASING: 450 SACKS CLASS C w/2% GEL, 2% CaCl2 (13.5 PPG, 1.74 CF/S, 9.11 GW/S). F/B 200 SACKS CLASS C w/2% CaCl2 (14.8 PPG, 1.34 CF/S, 6.40 GW/S).
PRODUCTION CASING: 450 SACKS 35/65 POZ CLASS H w/6% GEL, 5% SALT, 1/4# FC (12.8 PPG, 1.94 CF/S, 10.46 GW/S). F/B 150 SACKS 35/35 POZ CLASS H w/ADDS (16 PPG, 1.05 CF/S, 5.20 GW/S).

NOTE: THIS WELL IS IN A PROJECT AREA. ALSO, THE WELL IS A REPLACEMENT WELL.

Permit Expires 1 Year From Approval Date Unless Drilling Underway

23 I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: A. Phil Ryan
Printed Name: A. Phil Ryan
Title: Commission Coordinator
Date: 10/20/00 Telephone: 688-4606

OIL CONSERVATION DIVISION

Approved By: ORIGINAL SIGNED BY CHRIS WILLIAMS DISTRICT I SUPERVISOR
Title:
Approval Date: Expiration Date:
Conditions of Approval:
Attached ☐

DeSoto/Nichols 10-94 ver 2.0

= Staked Location ● = Producing Well ⚡ = Injection Well ⟲ = Water Supply Well ⊕ = Plugged & Abandon Well
◎ = Found Section Corner, 2 or 3" Iron Pipe & GLO B.C. o = Found /4 Section Corner, 1" Iron Pipe & GLO B.C.

ADDITIONAL INFORMATION ON THE LOCATION

State Plane Coordinates (1927NAD= 652756.31 SHL; 652637.35 BHL) Northing 652821.40 SHL; 652702.42 BHL	(1927NAD= 753915.73 SHL; 752596.81 BHL) Easting 795094.67 SHL; 793775.74 BHL
(1927NAD= 32°47'30.449" SHL; 32°47'29.373" BHL) Latitude 32°47'30.894" SHL; 32°47'29.818" BHL	(1927NAD= 103°30'25.449" SHL; 103°30'40.909" BHL) Longitude 103°30'27.237" SHL; 103°30'42.698" BHL

Zone	North American Datum	Combined Grid Factor	Coordinate File
East	1983	0.99979145	Buckeye.cr5

Drawing File	Field Book
CVU_173H.dwg	Lea Co. 20, Pg. 12

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980
DISTRICT II
P.O. Box Drawer DD, Artesia, NM 88211-0719
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410
DISTRICT IV
P.O. Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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

Form C-101
Revised February 10,1994
Instructions on back
Submit to Appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies
☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1 Operator Name and Address	2 OGRID Number
TEXACO EXPLORATION & PRODUCTION INC. P.O. Box 3109, Midland Texas 79702	022351 3 API Number 30-025-35213

4 Property Code	5 Property Name	6 Well No.
11128	CENTRAL VACUUM UNIT	241

7 Surface Location

Ul or lot no.	Section	Township	Range	Lot.Idn	Feet From The	North/South Line	Feet From The	East/West Line	County
B	36	17-S	34-E		74	NORTH	1940	EAST	LEA

8 Proposed Bottom Hole Location If Different From Surface

Ul or lot no.	Section	Township	Range	Lot.Idn	Feet From The	North/South Line	Feet From The	East/West Line	County
C	36	17-S	34-E		25	NORTH	2000	WEST	LEA

9 Proposed Pool 1	10 Proposed Pool 2
VACUUM, SAN ANDRES G/B	

11 Work Type Code	12 WellType Code	13 Rotary or C.T.	14 Lease Type Code	15 Ground Level Elevation
N	O	ROTARY	S	3997'
16 Multiple	**17 Proposed Depth**	**18 Formation**	**19 Contractor**	**20 Spud Date**
No	4850'	SAN ANDRES		11/1/00

21 Proposed Casing and Cement Program

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4"	9 5/8"	36#	1550'	650	CIRCULATE
8 3/4"	7"	23#	4850'	600	CIRCULATE

22 Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zoneand proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

CEMENTING PROGRAM:
SURFACE CASING: 450 SACKS CLASS C w/2% GEL, 2% CaCl2 (13.5 PPG, 1.74 CF/S, 9.11 GW/S). F/B 200 SACKS CLASS C w/2% CaCl2 (14.8 PPG, 1.34 CF/S, 6.40 GW/S).
PRODUCTION CASING: 450 SACKS 35/65 POZ CLASS H w/6% GEL, 5% SALT, 1/4# FC (12.8 PPG, 1.94 CF/S, 10.46 GW/S). F/B 150 SACKS 35/35 CLASS H w/ADDS (16 PPG, 1.05 CF/S, 5.20 GW/S).

Permit Expires 1 Year From Approval Date Unless Drilling Underway

NOTE: THIS WELL IS IN A PROJECT AREA. ALSO, THE WELL IS A REPLACEMENT WELL.

23 I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature A. Phil Ryan
Printed Name A. Phil Ryan
Title Commission Coordinator
Date 10/20/00 Telephone 688-4606

OIL CONSERVATION DIVISION

Approved By: ORIGINAL SIGNED BY CHRIS WILLIAMS DISTRICT I SUPERVISOR
Title:
Approval Date: APR 25 2000 Expiration Date:
Conditions of Approval:
Attached ☐

DeSoto/Nichols 10-94 ver 2.0

◎ = Found Section Corner, 2 or 3" Iron Pipe & GLO B.C. o = Found /4 Section Corner, 1" Iron Pipe & GLO B.C.

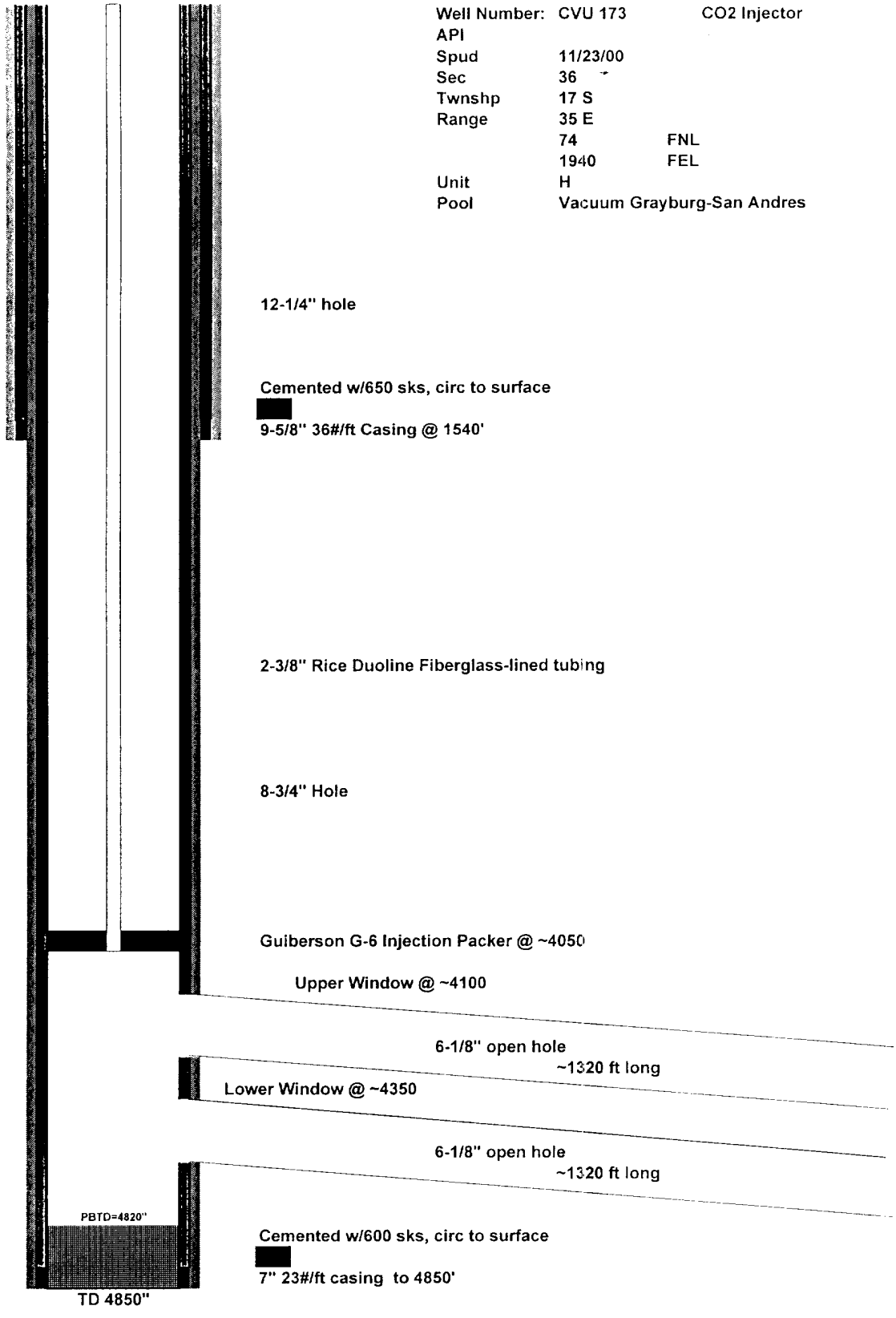
ADDITIONAL INFORMATION ON THE LOCATION

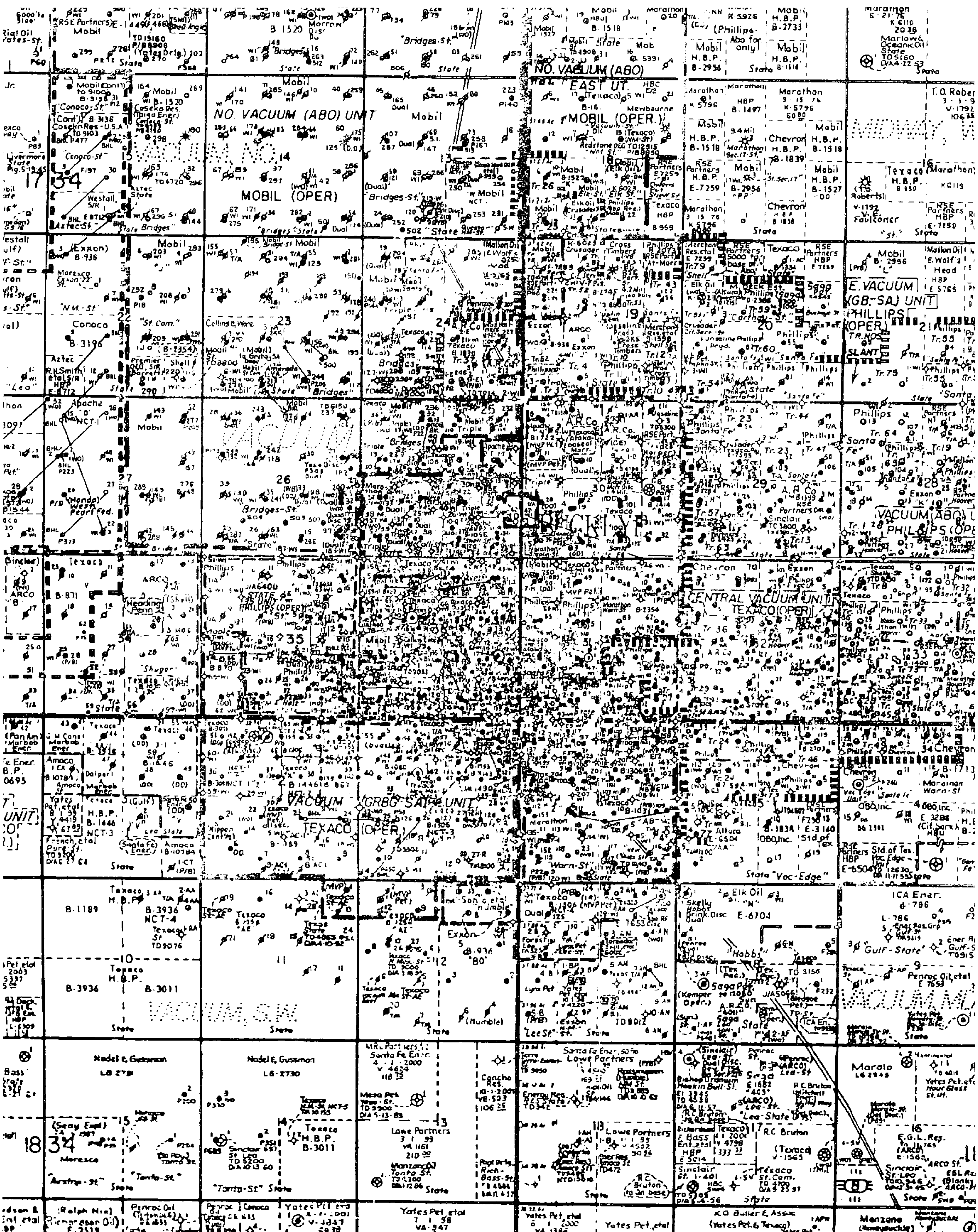
State Plane Coordinates (1927NAD= 655173.73 SHL; 655204.19 BHL) Northing 655238.85 SHL; 655269.30 BHL	(1927NAD= 752613.05 SHL; 751277.06 BHL) Easting 739791.92 SHL; 792455.91 BHL
(1927NAD= 32°47'54.468" SHL; 32°47'54.873" BHL) Latitude 32°47'54.913" SHL; 32°47'55.317" BHL	(1927NAD= 103°30'40.488"" SHL; 103°30'56.136" BHL) Longitude 103°30'42.278" SHL; 103°30'57.926" BHL
Zone: East — North American Datum: 1983	Combined Grid Factor: 0.99979145 — Coordinate File: Buckeye.cr5
Drawing File: CVU_241.dwg	Field Book: Lea Co. 20, Pg. 10

Central Vacuum Unit No. 173

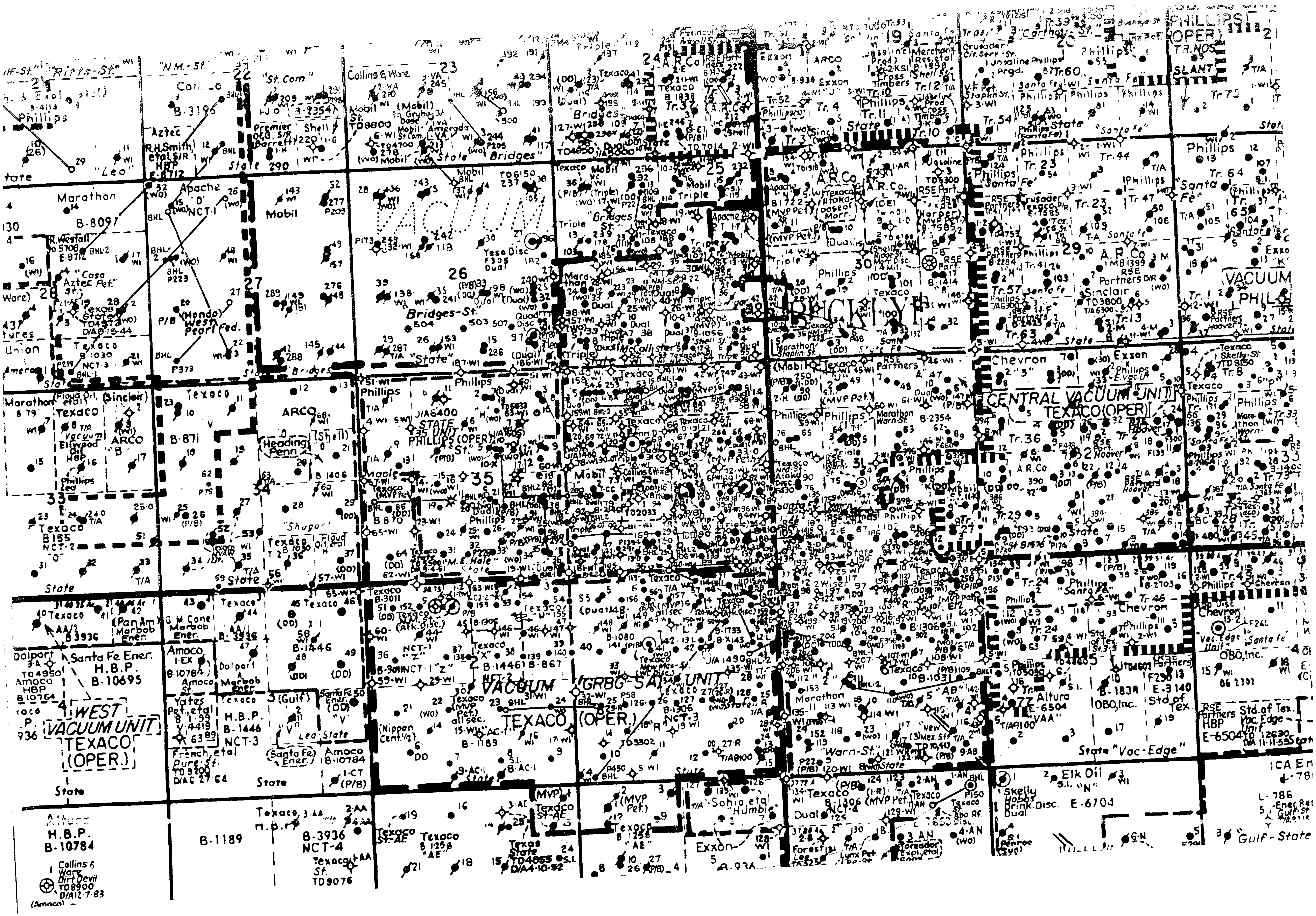
The vertical section of this well has been drilled.
Horizontal laterals are yet to start.
Central Vacuum Unit No. 241 will have identical construction with slight changes in depths.

Well Number:	CVU 173	CO2 Injector
API		
Spud	11/23/00	
Sec	36	
Twnshp	17 S	
Range	35 E	
	74	FNL
	1940	FEL
Unit	H	
Pool	Vacuum Grayburg-San Andres	

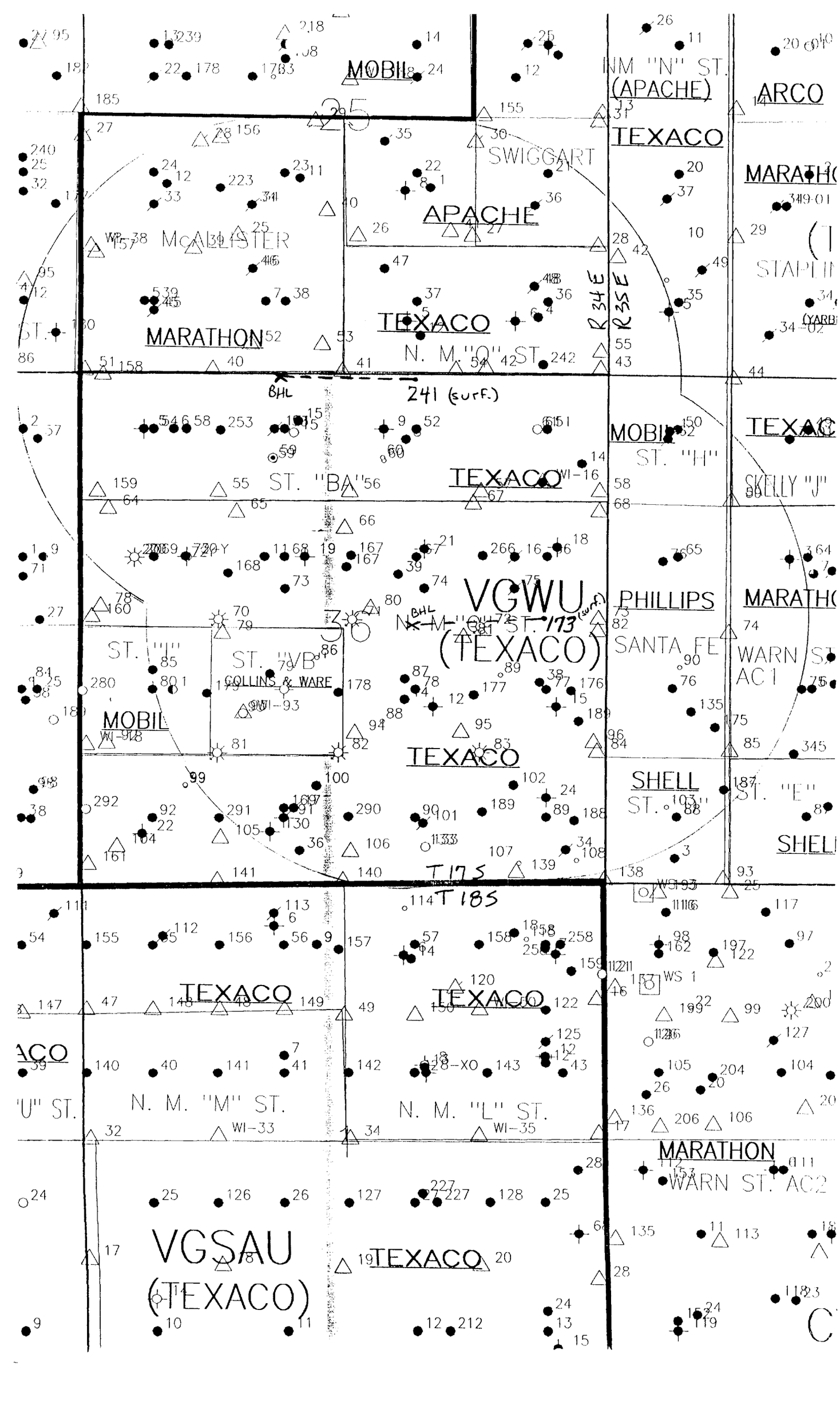




NO. VACUUM (ABO) UNIT
MOBIL (OPER)
NO. VACUUM (ABO)
EAST UT.
MOBIL (OPER.)
E. VACUUM (GB-SA) UNIT
PHILLIPS (OPER)
VACUUM (ABO) U
PHILLIPS (OPE
CENTRAL VACUUM UNIT
TEXACO (OPER)
VACUUM GRBG SA UNIT
TEXACO (OPER.)
MIDWAY
VACUUM
Mobil
Texaco
Phillips
Marathon
Chevron
Exxon
Conoco
ARCO
Amoco
State



PHILLIPS (OPER)
SLANT
CENTRAL VACUUM UNIT
TEXACO (OPER)
VACUUM GRBG-SA UNIT
TEXACO (OPER.)
STATE 35 UNIT
PHILLIPS (OPER.)
WEST VACUUM UNIT
TEXACO (OPER.)
Vac-Edge Unit
State "Vac-Edge"
"N.M.-St."
"St. Com."
Bridges-St.
"Leo"


MOBIL
INM "N" ST. (APACHE)
ARCO
TEXACO
SWIGGART
APACHE
MARATHON
McALISTER
MARATHON
TEXACO
N. M. "O" ST.
R34E
R35E
BHL
241 (surf.)
MOBIL
ST. "H"
TEXACO
SKELLY "J"
ST. "BA"
TEXACO
VGWU
(TEXACO)
N. M. "O" ST. 173 (surf.)
PHILLIPS
SANTA FE
MARATHON
WARN ST AC 1
ST. "I"
ST. "VB"
COLLINS & WARE
MOBIL
TEXACO
SHELL
ST. "E"
SHELL
T17S
T18S
TEXACO
TEXACO
N. M. "M" ST.
N. M. "L" ST.
MARATHON
WARN ST. AC2
VGSAU
(TEXACO)
TEXACO

Lease Name	Well No.	API Number	Unit Letter	Sec.	(south) Twnshp.	(east) Range	Operator	Status	Spud Date	N-S	E-W
Vacuum Glorieta West Unit	36	3002520212	I	25	17	34	Texaco	Glorieta prod.	18-Apr-00	1650 FSL	790 FEL
Vacuum Glorieta West Unit	28	3002531784	I	25	17	34	Texaco	Glorieta Inj.	20-Nov-92	2304 FSL	1127 FEL
Central Vacuum Unit	27	3002525815	J	25	17	34	Texaco	G-SA inj.	12-Feb-78	1330 FSL	1425 FEL
Central Vacuum Unit	26	3002525814	J	25	17	34	Texaco	G-SA inj.	3-Mar-78	1330 FSL	2577 FEL
State Q	8	3002520949	J	25	17	34	Texaco	P&A	26-Jun-64	1800 FSL	2100 FEL
Texaco-Shell State	1	3002520948	J	25	17	34	Apache	WC-Penn prod.	1-Jan-71	1833 FSL	1845 FEL
Vacuum Glorieta West Unit	30	3002531817	J	25	17	34	Texaco	Glorieta Inj.	10-Dec-92	2305 FSL	1391 FEL
Vacuum Glorieta West Unit	41	3002531835	J	25	17	34	Texaco	Glorieta Inj.	23-Feb-93	1377 FSL	1646 FEL
Vacuum Glorieta West Unit	35	3002527236	J	25	17	34	Texaco	Glorieta prod.	22-Mar-81	2310 FSL	2308 FEL
Central Vacuum Unit	156	3002527966	K	25	17	34	Texaco	G-SA inj.	2-Nov-82	2340 FSL	1330 FWL
Central Vacuum Unit	223	3002530102	K	25	17	34	Texaco	G-SA inj. (SI)	29-Jan-88	1821 FSL	1330 FWL
Central Vacuum Unit	25	3002525813	K	25	17	34	Texaco	G-SA inj.	24-Mar-78	1330 FSL	1504 FWL
Central Vacuum Unit	23	3002502108	K	25	17	34	Texaco	G-SA prod.	13-Jul-38	1980 FSL	1980 FWL
McCallister State	11	3002532647	K	25	17	34	Marathon	Drinkard prod.	9-Sep-94	1927 FSL	2134 FWL
Vacuum Glorieta West Unit	34	3002520143	K	25	17	34	Texaco	Glorieta prod.	6-Jun-63	1650 FSL	1650 FWL
Vacuum Glorieta West Unit	29	3002531786	K	25	17	34	Texaco	Glorieta Inj.	30-Nov-92	2522 FSL	2283 FWL
Central Vacuum Unit	24	3002502110	L	25	17	34	Texaco	G-SA prod.	26-Dec-38	1980 FSL	660 FWL
McCallister State	12	3002533954	L	25	17	34	Marathon	Abo-WC-Penn prod.	23-May-97	1945 FSL	850 FWL
Vacuum Glorieta West Unit	33	3002520235	L	25	17	34	Texaco	Glorieta prod.	9-Apr-63	1650 FSL	660 FWL
Central Vacuum Unit	157	3002527967	M	25	17	34	Texaco	G-SA inj.	15-Nov-82	1150 FSL	75 FWL
Central Vacuum Unit	39	3002502109	M	25	17	34	Texaco	G-SA prod.	17-Nov-38	660 FSL	660 FWL
McCallister State	5	3002520116	M	25	17	34	Marathon	Abo-WC prod.	20-Dec-62	660 FSL	560 FWL
Vacuum Glorieta West Unit	39	3002531700	M	25	17	34	Texaco	Glorieta Inj.	2-Oct-92	1194 FSL	1055 FWL
Vacuum Glorieta West Unit	45	3002520050	M	25	17	34	Texaco	Glorieta prod.	11-May-63	560 FSL	660 FWL
Vacuum Glorieta West Unit	38	3002531699	M	25	17	34	Texaco	Glorieta Inj.	22-Sep-92	1217 FSL	24 FWL
Central Vacuum Unit	38	3002502107	N	25	17	34	Texaco	G-SA prod.	9-Jan-38	660 FSL	1980 FWL
McCallister State	7	3002520115	N	25	17	34	Marathon	Abo-WC prod.	8-Apr-63	660 FSL	1780 FWL
Vacuum Glorieta West Unit	52	3002531702	N	25	17	34	Texaco	Glorieta Inj.	1 Nov 92	214 FSL	1630 FWL
Vacuum Glorieta West Unit	46	3002520249	N	25	17	34	Texaco	Glorieta prod.	28-Sep-63	990 FSL	1650 FWL
Vacuum Glorieta West Unit	53	3002531703	N	25	17	34	Texaco	Glorieta Inj.	9-Nov-92	215 FSL	2350 FWL
Central Vacuum Unit	37	3002502112	O	25	17	34	Texaco	G-SA prod.	18-May-38	660 FSL	1980 FEL
State Q	12	3002533850	O	25	17	34	Texaco	Penn prod.	23-Mar-97	400 FSL	1900 FEL
State Q	5	3002520172	O	25	17	34	Texaco	P&A	24-Sep-63	460 FSL	2080 FEL
Vacuum Glorieta West Unit	47	3002527913	O	25	17	34	Texaco	Glorieta prod.	21-Aug-82	990 FSL	2308 FEL
Central Vacuum Unit	28	3002525816	P	25	17	34	Texaco	G-SA inj.	5-Mar-78	1230 FSL	159 FEL
State Q	4	3002520294	P	25	17	34	Texaco	Abo-WC-Penn prod.	21-Aug-63	500 FSL	760 FEL
State Q	6	3002520947	P	25	17	34	Texaco	P&A	7-Feb-64	460 FSL	989 FEL
Vacuum Glorieta West Unit	40	3002531710	P	25	17	34	Texaco	Glorieta Inj.	9-Sep-92	660 FSL	660 FEL
Vacuum Glorieta West Unit	55	3002531785	P	25	17	34	Texaco	Glorieta Inj.	30-Dec-92	146 FSL	128 FEL
Vacuum Glorieta West Unit	48	3002530970	P	25	17	34	Texaco	Glorieta prod.	14-Nov-90	815 FSL	800 FEL
Bridges State	180	3002524632	P	26	17	34	ExxonMobil	P&A	01-Feb-74	330 FSL	330 FEL
State N	5	3002520941	M	30	17	35	Texaco	P&A	1-Jan-72	560 FSL	560 FWL
Vacuum Glorieta West Unit	42	3002531815	M	30	17	35	Texaco	Glorieta Inj.	7-Jan-93	1114 FSL	41 FWL
Central Vacuum Unit	250	3002520862	D	31	17	35	Texaco	G-SA prod.	7-Dec-93	510 FNL	535 FWL
Central Vacuum Unit	50	3002502959	D	31	17	35	Texaco	G-SA prod.	16-Jan-38	660 FNL	660 FWL

Lease Name	Well No.	API Number	Unit Letter	Sec.	(south) Twnshp.	(east) Range	Operator	Status	Spud Date	N-S	E-W
Vacuum Glorieta West Unit	62	3002520863	D	31	17	35	Texaco	Glorieta prod.	30-Jun-64	760 FNL	560 FWL
Central Vacuum Unit	59	3002525725	E	31	17	35	Texaco	G-SA inj.	19-Dec-77	1403 FNL	1200 FWL
Central Vacuum Unit	65	3002502955	E	31	17	35	Texaco	G-SA prod.	10-Feb-38	1980 FNL	660 FWL
Vacuum Glorieta West Unit	76	3002520784	E	31	17	35	Texaco	Glorieta prod.	20-May-64	2030 FNL	510 FWL
Warn State AC 1	3	3002520748	F	31	17	35	Marathon	Abo-WC-Penn prod.	2-May-64	2080 FNL	1908 FWL
Santa Fe	135	3002532348	H	31	17	35	Phillips	Drinkard	4-Jun-95	2580 FNL	330 FEL
Central Vacuum Unit	75	3002502954	K	31	17	35	Texaco	G-SA prod.	14-Apr-38	1980 FSL	1980 FWL
Central Vacuum Unit	74	3002525729	L	31	17	35	Texaco	G-SA inj.	10-Jan-78	2561 FSL	1180 FWL
Central Vacuum Unit	175	3002533722	L	31	17	35	Texaco	G-SA prod.	3-Jan-97	1617 FSL	1107 FWL
Central Vacuum Unit	85	3002525709	L	31	17	35	Texaco	G-SA inj.	18-Mar-79	1336 FSL	1201 FWL
Central Vacuum Unit	76	3002502957	L	31	17	35	Texaco	G-SA prod.	2-May-38	1985 FSL	620 FWL
Vacuum Glorieta West Unit	90	3002520270	L	31	17	35	Texaco	Glorieta prod.	8-Dec-63	2130 FSL	660 FWL
Central Vacuum Unit	187	3002533329	M	31	17	35	Texaco	G-SA prod.	27-May-96	974 FSL	1199 FWL
Central Vacuum Unit	88	3002508535	M	31	17	35	Texaco	G-SA prod.	6-Jul-38	660 FSL	660 FWL
Vacuum Glorieta West Unit	103	3002520339	M	31	17	35	Texaco	Glorieta prod.	1-Feb-64	760 FSL	560 FWL
State H-35	2	3002502215	A	35	17	34	Phillips	G-SA prod.	20-Sep-38	660 FNL	660 FEL
Vacuum Glorieta West Unit	57	3002520510	A	35	17	34	Texaco	Glorieta prod.	30-Mar-63	760 FNL	510 FEL
Central Vacuum Unit	43	3002525706	A	36	17	34	Texaco	G-SA Inj.	06-Jan-78	35 FNL	127 FEL
Central Vacuum Unit	42	3002525705	A	36	17	34	Texaco	G-SA Inj.	26-Dec-77	32 FNL	1286 FEL
Central Vacuum Unit	58	3002525724	A	36	17	34	Texaco	G-SA Inj.	17-Jan-78	1310 FNL	132 FEL
Central Vacuum Unit	51	3002502230	A	36	17	34	Texaco	G-SA prod.	10-May-81	660 FNL	660 FEL
Central Vacuum Unit	242	3002530104	A	36	17	34	Texaco	G-SA Inj.	01-Mar-88	90 FNL	706 FEL
State BA	14	3002533570	A	36	17	34	Texaco	Atoka prod.	10-Sep-96	990 FNL	330 FEL
Vacuum Glorieta West Unit	61	3002521432	A	36	17	34	Texaco	Glorieta prod.	04-Apr-00	660 FNL	760 FEL
Central Vacuum Unit	57	3002525723	B	36	17	34	Texaco	G-SA Inj.	09-Jan-78	1310 FNL	1330 FEL
Central Vacuum Unit	52	3002502231	B	36	17	34	Texaco	G-SA prod.	10-Oct-78	660 FNL	1980 FEL
State BA	8	3002520986	B	36	17	34	Texaco	Abo-WC-Penn prod.	25-May-64	766 FNL	2086 FEL
State BC	9	3002521061	B	36	17	34	Texaco	P&A	25 Oct 64	660 FNL	2310 FEL
Vacuum Glorieta West Unit	54	3002531816	B	36	17	34	Texaco	Glorieta Inj.	24-Jan-93	51 FNL	1588 FEL
Vacuum Glorieta West Unit	60	3002530716	B	36	17	34	Texaco	Glorieta prod.	10-Dec-89	990 FNL	2308 FEL
Central Vacuum Unit	253	3002530103	C	36	17	34	Texaco	G-SA prod.	14-Feb-88	675 FNL	1330 FWL
Central Vacuum Unit	41	3002525704	C	36	17	34	Texaco	G-SA Inj.	12-Dec-77	60 FNL	2552 FWL
Central Vacuum Unit	56	3002525722	C	36	17	34	Texaco	G-SA Inj.	21-Dec-77	1310 FNL	2630 FWL
State BA	15	3002534945	C	36	17	34	Texaco	WC- Penn prod.	21-Apr-00	612 FNL	2135 FWL
Vacuum Glorieta West Unit	131	3002520334	C	36	17	34	Texaco	Glorieta prod.	01-Jun-63	660 FNL	1880 FWL
Vacuum Glorieta West Unit	59	3002530971	C	36	17	34	Texaco	Glorieta prod.	25-Oct-90	990 FNL	1880 FWL
Central Vacuum Unit	159	3002527969	D	36	17	34	Texaco	G-SA Inj.	18-Nov-82	1310 FNL	100 FWL
Central Vacuum Unit	40	3002525703	D	36	17	34	Texaco	G-SA Inj.	11-Nov-77	42 FNL	1247 FWL
Central Vacuum Unit	55	3002525721	D	36	17	34	Texaco	G-SA Inj.	26-Jan-78	1310 FNL	1310 FWL
Central Vacuum Unit	158	3002527968	D	36	17	34	Texaco	G-SA Inj.	18-Oct-82	100 FNL	150 FWL
Central Vacuum Unit	54	3002502232	D	36	17	34	Texaco	G-SA prod.	01-Aug-38	660 FNL	660 FWL
State BA	5	3002520229	D	36	17	34	Texaco	P&A	29-Apr-63	660 FNL	560 FWL
State BA	6	3002520057	D	36	17	34	Texaco	Abo-WC-Penn prod.	25-May-63	660 FNL	860 FWL
Vacuum Glorieta West Unit	58	3002530715	D	36	17	34	Texaco	Glorieta prod.	20-Nov-89	660 FNL	989 FWL
Central Vacuum Unit	70	3002525726	E	36	17	34	Texaco	G-SA Inj.	20-Jan-78	2630 FNL	1310 FWL

Lease Name	Well No.	API Number	Unit Letter	Sec.	(south) Twnshp.	(east) Range	Operator	Status	Spud Date	N-S	E-W
Central Vacuum Unit	69	3002502235	E	36	17	34	Texaco	P&A	17-Mar-38	1980 FNL	660 FWL
New Mexico "O" State NCT-1	20	3002520111	E	36	17	34	Texaco	Yates prod. (SI)	11-Jul-63	1980 FNL	467 FWL
Vacuum Glorieta West Unit	78	3002531707	E	36	17	34	Texaco	Glorieta Inj.	27-Oct-92	2491 FNL	127 FWL
Vacuum Glorieta West Unit	64	3002531704	E	36	17	34	Texaco	Glorieta Inj.	16-Oct-92	1484 FNL	204 FWL
Vacuum Glorieta West Unit	72	3002530779	E	36	17	34	Texaco	Glorieta prod.	09-Jan-90	1980 FNL	990 FWL
Central Vacuum Unit	168	3002533335	F	36	17	34	Texaco	G-SA prod.	01-May-96	2068 FNL	1467 FWL
Central Vacuum Unit	68	3002502239	F	36	17	34	Texaco	G-SA prod.	03-Jul-38	1980 FNL	1980 FWL
New Mexico "O" State NCT-1	11	3002520382	F	36	17	34	Texaco	Abo-WC-Penn prod.	16-Nov-62	1980 FNL	1780 FWL
New Mexico "O" State NCT-1	19	3002520203	F	36	17	34	Texaco	P&A	16-Aug-63	1980 FNL	2179 FWL
Vacuum Glorieta West Unit	65	3002531705	F	36	17	34	Texaco	Glorieta Inj.	06-Oct-92	1522 FNL	1492 FWL
Vacuum Glorieta West Unit	73	3002530714	F	36	17	34	Texaco	Glorieta prod.	29-Jan-90	2310 FNL	1980 FWL
Vacuum Glorieta West Unit	66	3002531706	F	36	17	34	Texaco	Glorieta Inj.	24-Sep-92	1690 FNL	2577 FWL
Vacuum Glorieta West Unit	89	3002533342	F	36	17	34	Texaco	Glorieta prod.	05-Jun-96	2068 FNL	1467 FWL
Central Vacuum Unit	67	3002502237	G	36	17	34	Texaco	G-SA prod.	01-May-38	1980 FNL	1980 FEL
Central Vacuum Unit	71	3002525727	G	36	17	34	Texaco	G-SA Inj.	31-Jan-78	2630 FNL	2623 FEL
Central Vacuum Unit	167	3002533711	G	36	17	34	Texaco	G-SA prod.	26-Dec-96	2000 FNL	2630 FEL
New Mexico "O" State NCT-1	21	3002520197	G	36	17	34	Texaco	P&A	27-Sep-63	1900 FNL	1900 FEL
New Mexico "O" State NCT-1	39	3002533569	G	36	17	34	Texaco	WC-Penn prod.	31-Dec-96	2075 FNL	2110 FEL
Vacuum Glorieta West Unit	67	3002531808	G	36	17	34	Texaco	Glorieta Inj.	03-Feb-93	1435 FNL	1408 FEL
Vacuum Glorieta West Unit	74	3002530968	G	36	17	34	Texaco	Glorieta prod.	29-Nov-90	2310 FNL	1900 FEL
Vacuum Glorieta West Unit	80	3002531709	G	36	17	34	Texaco	Glorieta Inj.	18-Nov-92	2517 FNL	2442 FEL
Central Vacuum Unit	266	3002530022	H	36	17	34	Texaco	G-SA prod.	31-Aug-87	1971 FNL	1310 FEL
Central Vacuum Unit	73	3002525728	H	36	17	34	Texaco	G-SA Inj.	29-Jan-78	2630 FNL	142 FEL
Central Vacuum Unit	66	3002502236	H	36	17	34	Texaco	G-SA prod.	12-Apr-38	1980 FNL	660 FEL
New Mexico "O" State NCT-1	18	3002520274	H	36	17	34	Texaco	P&A	21-Jul-93	1880 FNL	560 FEL
New Mexico "O" State NCT-1	16	3002520945	H	36	17	34	Texaco	Glorieta prod. (SI)	26-Feb-64	1980 FNL	990 FEL
Vacuum Glorieta West Unit	68	3002531839	H	36	17	34	Texaco	Glorieta Inj.	14-Feb-93	1517 FNL	139 FEL
Vacuum Glorieta West Unit	75	3002530969	H	36	17	34	Texaco	Glorieta prod.	14-Dec-90	2310 FNL	990 FEL
Central Vacuum Unit	84	3002525732	I	36	17	34	Texaco	G-SA Inj.	13-Feb-79	1333 FSL	151 FEL
Central Vacuum Unit	176	3002533331	I	36	17	34	Texaco	G-SA prod.	10-May-96	1988 FSL	355 FEL
Central Vacuum Unit	77	3002502238	I	36	17	34	Texaco	G-SA prod.	03-Jul-38	1980 FSL	660 FEL
New Mexico "O" State NCT-1	15	3002520505	I	36	17	34	Texaco	P&A	01-Jan-72	1800 FSL	560 FEL
New Mexico "O" State NCT-1	38	3002533148	I	36	17	34	Texaco	Abo-WC prod.	04-Nov-95	2085 FSL	710 FEL
Vacuum Glorieta West Unit	89	3002533429	I	36	17	34	Texaco	Glorieta prod.	05-Jun-96	2000 FSL	1070 FEL
Vacuum Glorieta West Unit	82	3002531840	I	36	17	34	Texaco	Glorieta Inj.	10-Mar-93	2576 FSL	149 FEL
Vacuum Glorieta West Unit	96	3002531844	I	36	17	34	Texaco	Glorieta Inj.	26-Feb-93	1427 FSL	183 FEL
Vacuum Glorieta West Unit	189	3002532450	I	36	17	34	Texaco	Glorieta prod.	31-Mar-94	1650 FSL	330 FEL
Central Vacuum Unit	72	3002525697	J	36	17	34	Texaco	P&A	10-Nov-77	2630 FSL	1330 FEL
Central Vacuum Unit	83	3002525731	J	36	17	34	Texaco	G-SA Inj.	06-May-78	1330 FSL	1330 FEL
Central Vacuum Unit	177	3002533712	J	36	17	34	Texaco	G-SA Prod.	19-Dec-96	1955 FSL	1335 FEL
Central Vacuum Unit	78	3002502240	J	36	17	34	Texaco	G-SA prod.	05-Jul-38	1980 FSL	1980 FEL
New Mexico "O" State NCT-1	12	3002520418	J	36	17	34	Texaco	P&A	14-Dec-62	1800 FSL	1800 FEL
New Mexico "O" State NCT-1	14	3002520008	J	36	17	34	Texaco	Abo-WC prod.	11-Feb-63	1874 FSL	2086 FEL
Vacuum Glorieta West Unit	81	3002531842	J	36	17	34	Texaco	Glorieta Inj.	06-Feb-93	2521 FSL	1503 FEL
Vacuum Glorieta West Unit	95	3002531843	J	36	17	34	Texaco	Glorieta Inj.	15-Feb-93	1534 FSL	1521 FEL

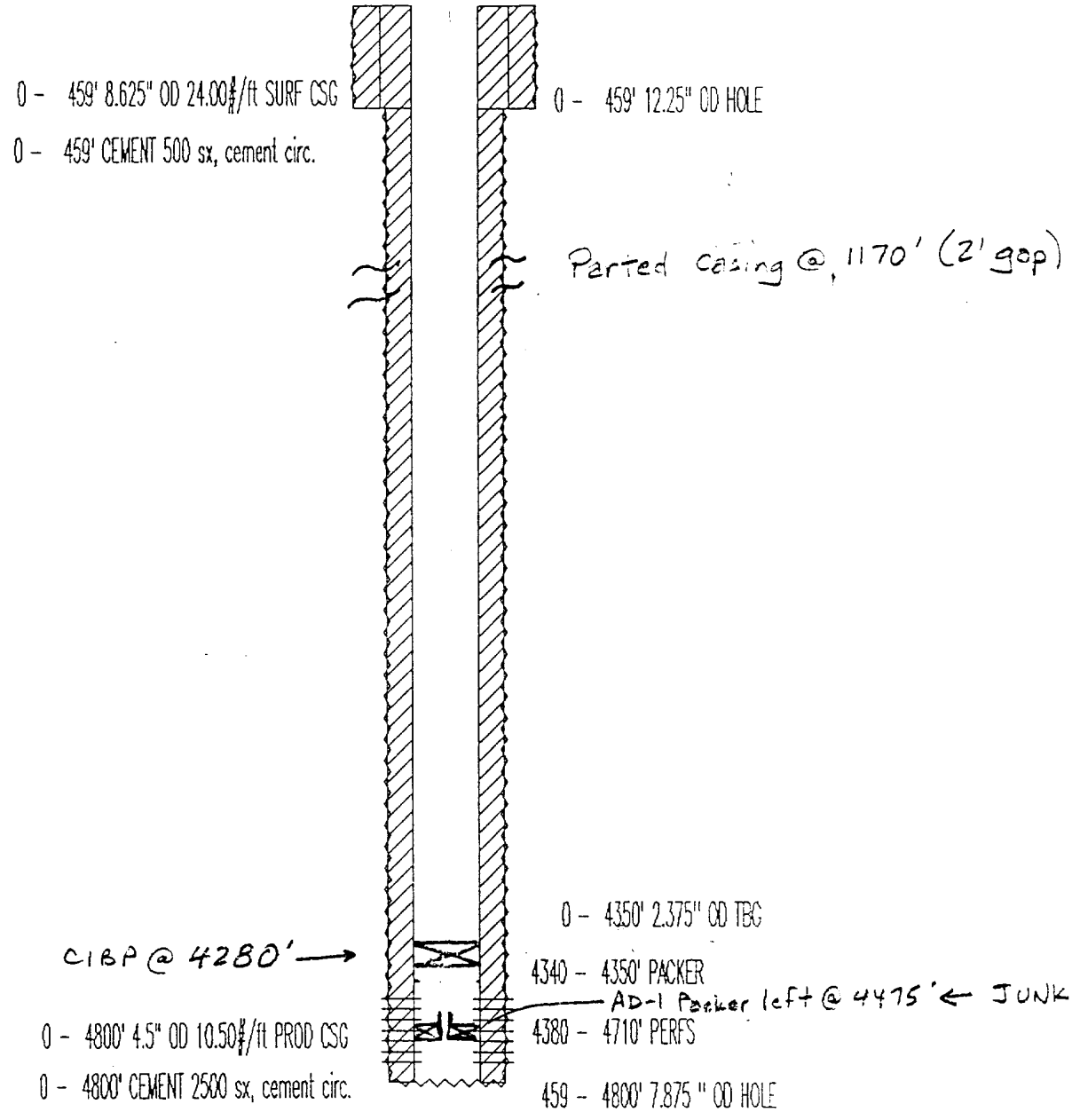
Lease Name	Well No.	API Number	Unit Letter	Sec.	(south) Twnshp.	(east) Range	Operator	Status	Spud Date	N-S	E-W
Vacuum Glorieta West Unit	87	3002521637	J	36	17	34	Texaco	Glorieta prod.	01-Jan-72	2090 FSL	2086 FEL
Vacuum Glorieta West Unit	88	3002530206	J	36	17	34	Texaco	Glorieta prod.	14-Feb-88	1653 FSL	2309 FEL
Vacuum Glorieta West Unit	94	3002531841	J	36	17	34	Texaco	Glorieta Inj.	27-Jan-93	1525 FSL	2591 FEL
Central Vacuum Unit	82	3002525730	K	36	17	34	Texaco	G-SA Inj.	29-Jan-78	1333 FSL	2528 FWL
Central Vacuum Unit	79	3002502229	K	36	17	34	Texaco	G-SA prod.	14-Mar-38	2140 FSL	1840 FWL
Central Vacuum Unit	178	3002533332	K	36	17	34	Texaco	G-SA prod.	13-Apr-96	1993 FSL	2585 FWL
STATE VB	1	3002502228	K	36	17	34	Amerada Hess	P&A	26-Feb-38	1980 FSL	1980 FWL
Vacuum Glorieta West Unit	79	3002531708	K	36	17	34	Texaco	Glorieta Inj.	07-Nov-92	2561 FSL	1351 FWL
Vacuum Glorieta West Unit	93	3002531810	K	36	17	34	Texaco	Glorieta Inj.	16-Jan-93	1723 FSL	1575 FWL
Vacuum Glorieta West Unit	86	3002520179	K	36	17	34	Texaco	Glorieta prod.	04-Jun-63	2310 FSL	2310 FWL
Central Vacuum Unit	81	3002525708	L	36	17	34	Texaco	G-SA Inj.	03-Mar-79	1332 FSL	1310 FWL
Central Vacuum Unit	80	3002502234	L	36	17	34	Texaco	G-SA prod.	22-Jan-38	1980 FSL	660 FWL
Central Vacuum Unit	179	3002533333	L	36	17	34	Texaco	G-SA prod.	03-Apr-96	1997 FSL	1263 FWL
STATE CC UNIT	1	3002520872	L	36	17	34	ExxonMobil	Abo-WC prod.	26-Apr-64	1980 FSL	860 FWL
Vacuum Glorieta West Unit	85	3002520236	L	36	17	34	Texaco	Glorieta prod.	06-Oct-63	2180 FSL	660 FWL
Central Vacuum Unit	92	3002502242	M	36	17	34	Texaco	G-SA prod.	30-Aug-38	660 FSL	660 FWL
Central Vacuum Unit	169	3002529765	N	36	17	34	Texaco	G-SA prod.	08-Nov-86	760 FSL	1980 FWL
Central Vacuum Unit	140	3002526000	N	36	17	34	Texaco	G-SA Inj.	15-Dec-78	10 FSL	2571 FWL
Central Vacuum Unit	290	3002531197	N	36	17	34	Texaco	G-SA prod.	29-May-91	670 FSL	2630 FWL
Central Vacuum Unit	91	3002502243	N	36	17	34	Texaco	P&A	03-Oct-38	660 FSL	1980 FWL
New Mexico "O" State NCT-1	17	3002520125	N	36	17	34	Texaco	WC prod. (SI)	01-Nov-94	760 FSL	2080 FWL
New Mexico "O" State NCT-1	36	3002532339	N	36	17	34	Texaco	Blinebry-Drnkd prod.	24-Aug-96	330 FSL	2210 FWL
Vacuum Glorieta West Unit	130	3002520046	N	36	17	34	Texaco	P&A	23-Feb-82	519 FSL	1839 FWL
Vacuum Glorieta West Unit	100	3002530476	N	36	17	34	Texaco	Glorieta prod.	30-Mar-89	990 FSL	2310 FWL
Central Vacuum Unit	90	3002502244	O	36	17	34	Texaco	G-SA prod.	06-Sep-39	660 FSL	1980 FEL
Vacuum Glorieta West Unit	133	3002532338	O	36	17	34	Texaco	Glorieta prod.	28-Feb-94	355 FSL	1875 FEL
Vacuum Glorieta West Unit	101	3002520237	O	36	17	34	Texaco	Glorieta prod.	31-Oct-63	600 FSL	1900 FEL
Vacuum Glorieta West Unit	106	3002531874	O	36	17	34	Texaco	Glorieta Inj.	05-May-93	310 FSL	2630 FEL
Central Vacuum Unit	138	3002525999	P	36	17	34	Texaco	G-SA Inj.	28-Nov-78	10 FSL	70 FEL
Central Vacuum Unit	139	3002526078	P	36	17	34	Texaco	G-SA Inj.	06-Jan-79	85 FSL	958 FEL
Central Vacuum Unit	189	3002533334	P	36	17	34	Texaco	G-SA prod.	23-Apr-96	751 FSL	1246 FEL
Central Vacuum Unit	188	3002533330	P	36	17	34	Texaco	G-SA prod.	18-May-96	650 FSL	318 FEL
New Mexico "O" State NCT-1	34	3002532271	P	36	17	34	Texaco	Blnbry-Drnkd prod. (SI)	01-Aug-96	380 FSL	330 FEL
New Mexico "O" State NCT-1	24	3002520946	P	36	17	34	Texaco	P&A	01-Jan-72	860 FSL	660 FEL
Vacuum Glorieta West Unit	108	3002531875	P	36	17	34	Texaco	Glorieta Inj.	31-May-93	213 FSL	351 FEL
Vacuum Glorieta West Unit	107	3002531884	P	36	17	34	Texaco	Glorieta Inj.	14-May-93	183 FSL	931 FEL
Vacuum Glorieta West Unit	102	3002530126	P	36	17	34	Texaco	Glorieta prod.	06-Nov-87	990 FSL	990 FEL

Schematics submitted with this package
Changes since submittal of C-108 for CO2 injection on Central Vacuum Unit (R-5530-E)

Lease Name	Well No.	API Number	Activity
Central Vacuum Unit	41	3002525704	Parted csg - P&A planned
Central Vacuum Unit	69	3002502235	P&A
Central Vacuum Unit	72	3002525697	P&A
Central Vacuum Unit	167	3002533711	Horizontal recompletion
Central Vacuum Unit	168	3002533335	Horizontal recompletion
Central Vacuum Unit	175	3002533722	New drill
Central Vacuum Unit	177	3002533712	New drill
Central Vacuum Unit	266	3002530022	Horizontal recompletion
McCallister State	12	3002533954	New drill
New Mexico "O" State NCT-1	20	3002520111	Recomplete to Yates
New Mexico "O" State NCT-1	36	3002532339	New drill
New Mexico "O" State NCT-1	39	3002533569	New drill
State BA	15	3002534945	New drill
State Q	12	3002533850	New drill
Vacuum Glorieta West Unit	130	3002520046	P&A

TEXACO E&P INC
CENTRAL VACUUM UNT NO. 41 WIW
API# 30 025 25704

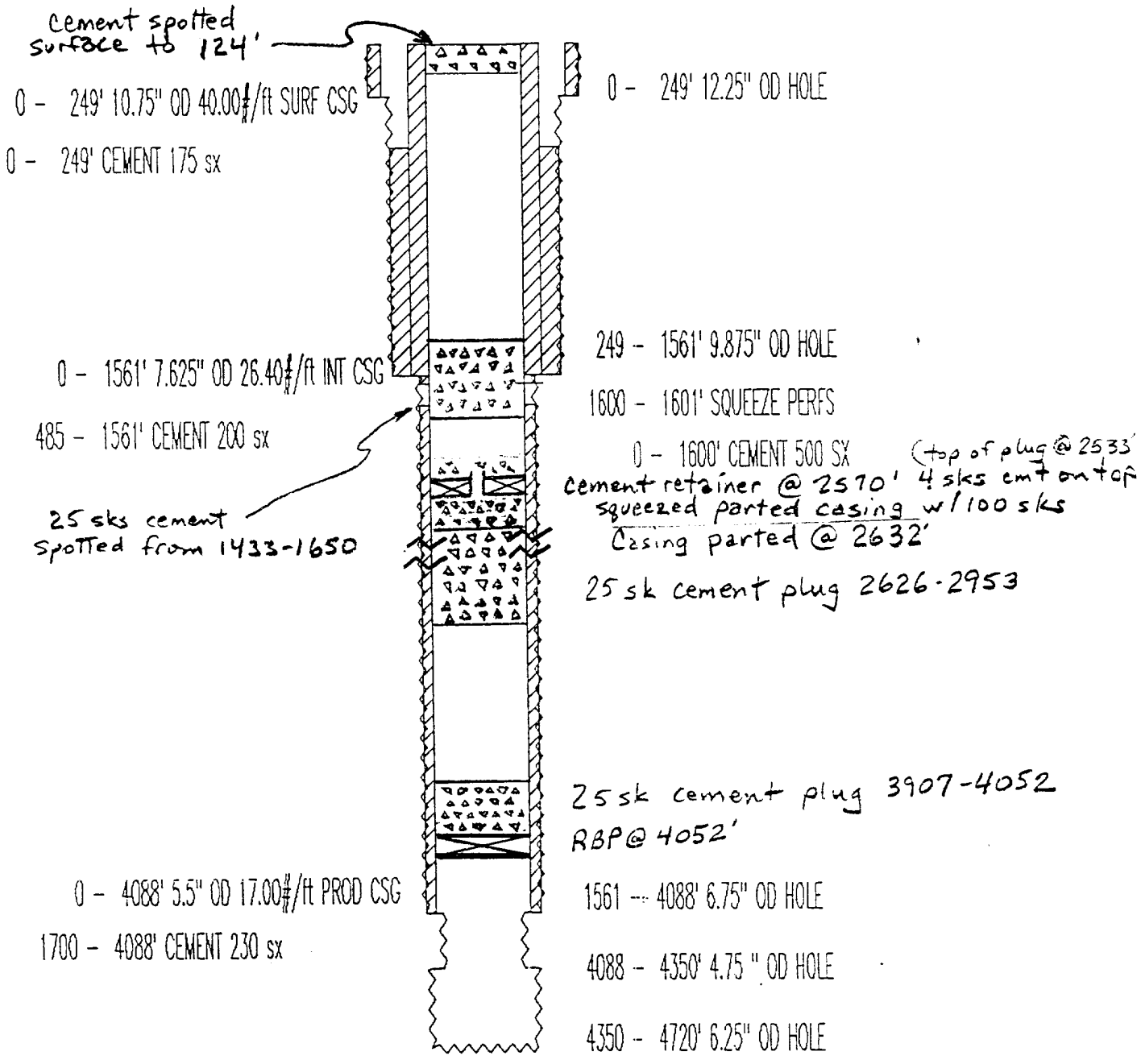
To be Plugged and abandoned 1st Quarter 2000



60 FNL & 2552 FWL
SEC 36 , TWN 17 S, RANGE 34 E
ELEVATION: 4001 GR
COMPLETION DATE: 02-04-78
COMPLETION INTERVAL: 4380 - 4710 (GBSA)

TEXACO E&P INC
CENTRAL VACUUM UNIT No. 69
API# 3002502235

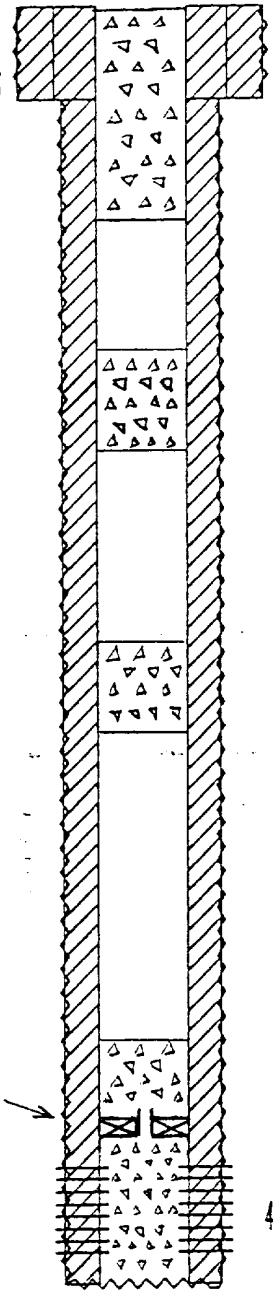
EA schematic



1980 FNL & 660 FWL
SEC 36 , TWN 17 S, RANGE 34 E
ELEVATION: 4016 ES
COMPLETION DATE: 04-18-38
###
COMPLETION INTERVAL: 4088 - 4720 (GBSA)
Former NM "O" State NCT-1 No. 1

TEXACO EXP INC
CENTRAL VACUUM UNT NO. 72 WIW
API# 30025256970000

P&A schematic
plugged 10-12-2000



0 - 350' 8.625" OD 24.00#/ft SURF CSG

0 - 350' CEMENT 375 sx, cement circ.

0 - 350' 12.25" OD HOLE

50 sk cement plug surface to 656

25 sks cement 1283-1658

25 sks cement 2377-2752

Cement plug 3905-4253

Injection packer at 4253'
Squeezed perforations w/100 sks through packer

0 - 4330' 2.375" OD TBG

0 - 4812' 4.5" OD 10.50#/ft PROD CSG

0 - 4812' CEMENT 2300 sx, cement circ.

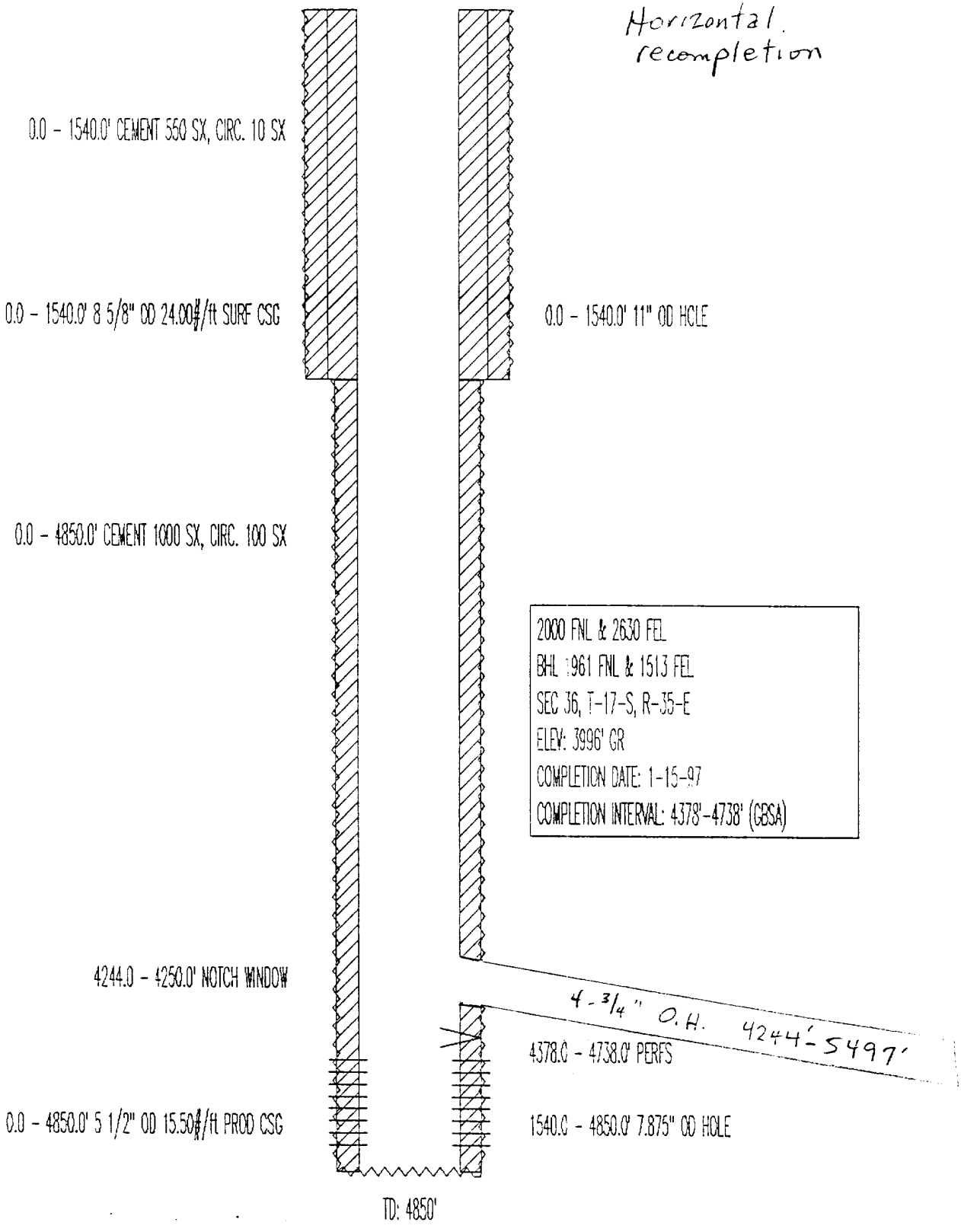
4373 - 4695' PERFS

350 - 4812' 7.875 " OD HOLE

2630 FNL & 1330 FEL
SEC 36 , TWN 17 S, RANGE 34 E
ELEVATION: 3991 GR
COMPLETION DATE: 01-25-78
COMPLETION INTERVAL: 4373'-4695'

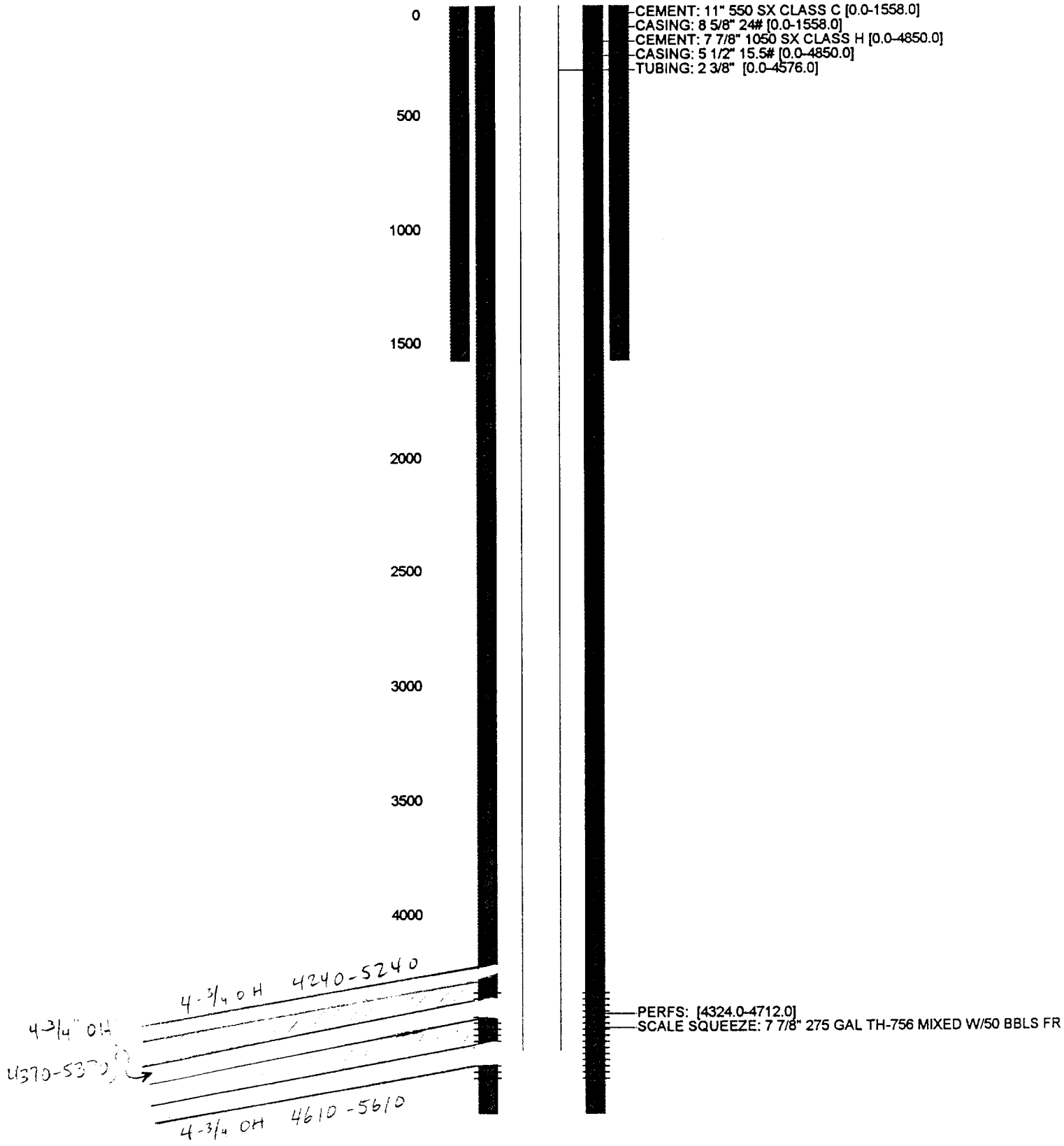
TEXACO E&P INC.
CENTRAL VACUUM UNIT No. 167
30 025 33711

1999
Horizontal
recompletion

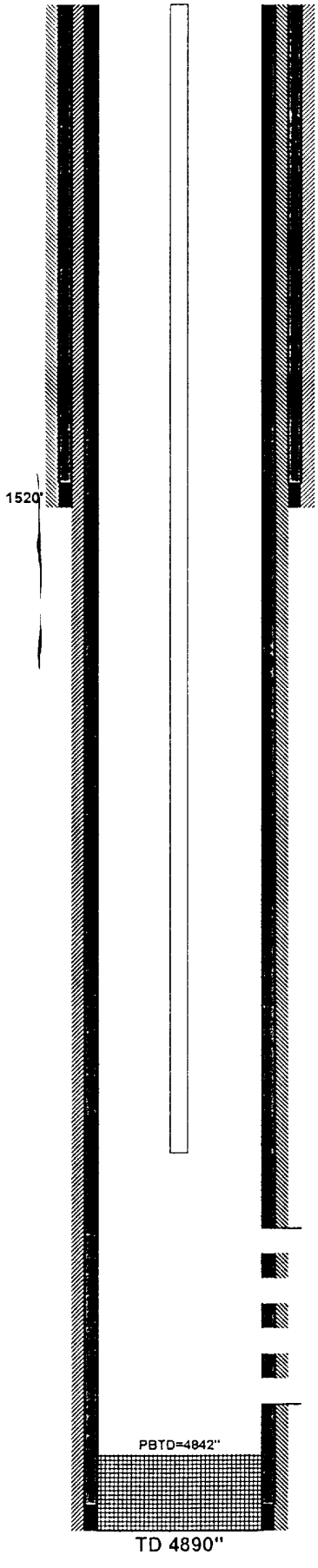


Name: CV_168 ID: 3002533335 Type: Oil Date: 11/8/00

2000
horizontal
recompletion



Central Vacuum Unit 175



Well Number:	CVU 175	Oil Producer
API	3002533722	
Spud	1/3/97	
Sec	31	
Twnshp	17 S	
Range	35 E	
	1617	FSL
	1107	FWL
Unit	L	

11" hole

Cemented w/550 sks, circ to surface

8 5/8" Casing (24 #/ft WC 50)

7-7/8" Hole

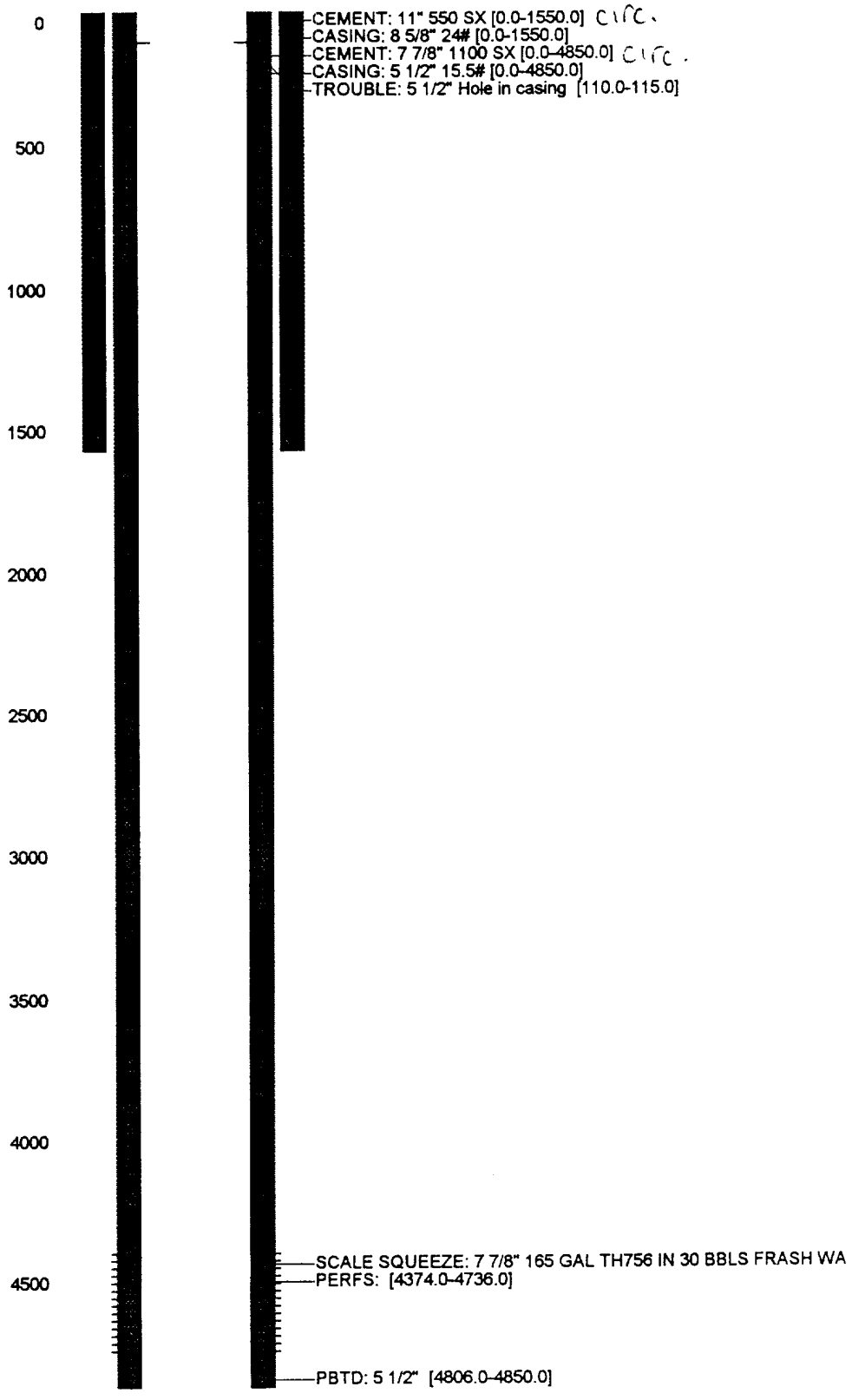
Perforations 4445-4760 (select zones 4 spf, total 724 holes)

Initial Stimulation: 18,000 gals 15%, 5 stages, 6600# RS, 5 BPM
Max 4500 avg 3000 ISIP 2500 good block action

Cemented w/900 sks, circ to surface

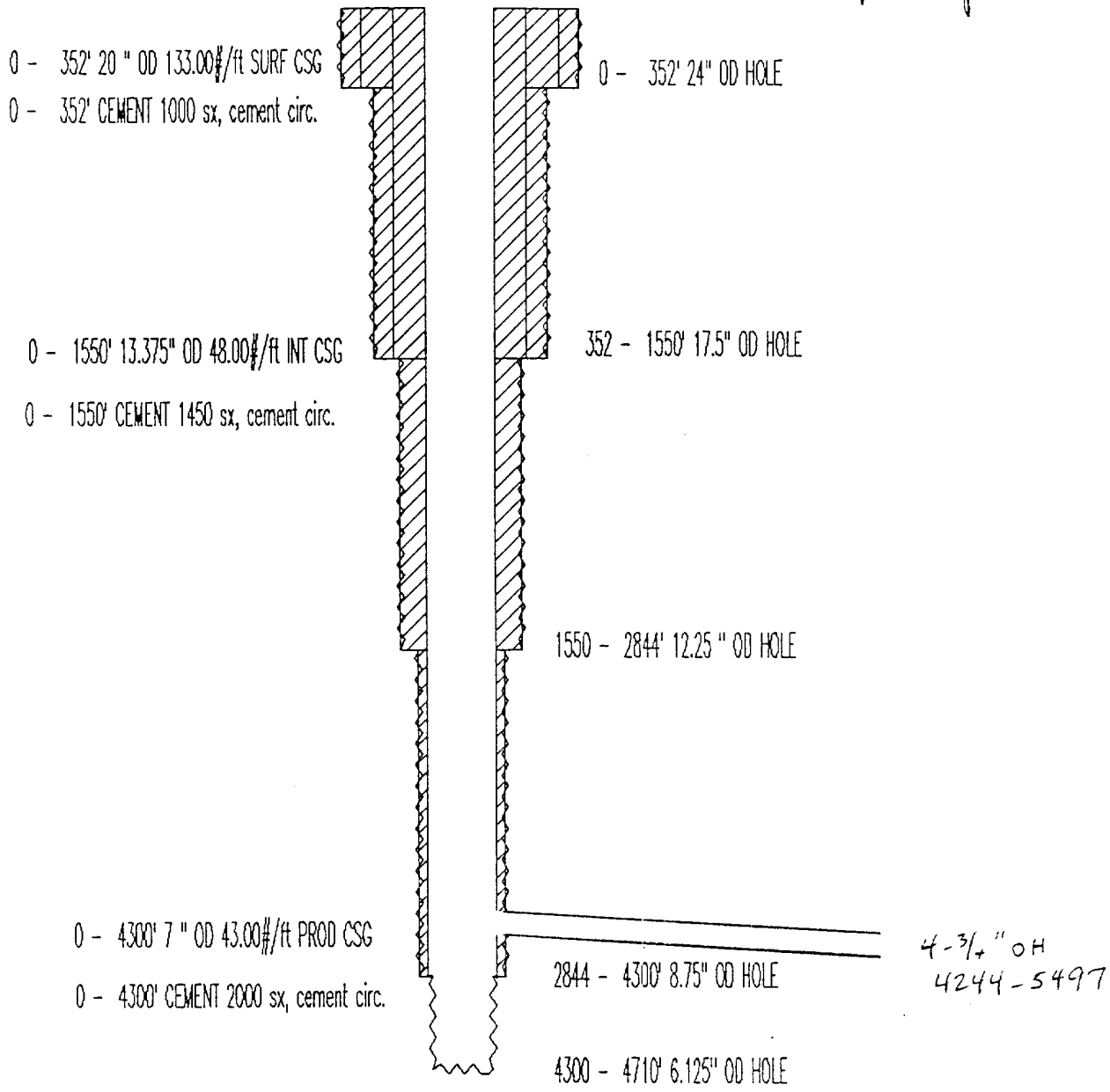
5-1/2"casing (15.5# WC50) to 4890'

Name: CV_177 ID: 3002533712 Type: Oil Date: 11/8/00



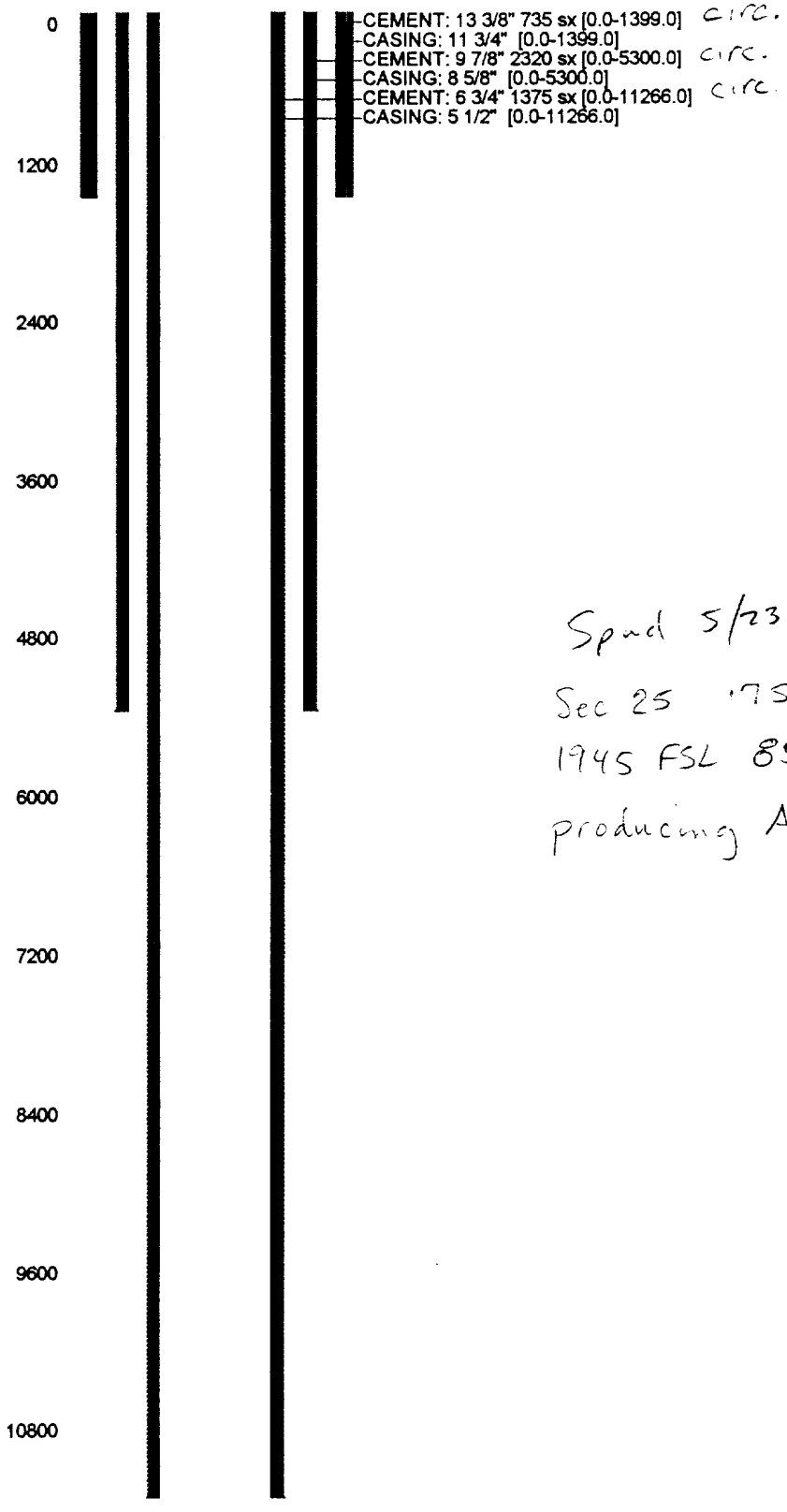
TEXACO E&P INC.
CENTRAL VACUUM UNIT NO. 266
API# 30 025 30022

1999 horizontal recompletion



1971 FNL & 1310 FEL
SEC 36 , TWN 17 S, RANGE 34 E
ELEVATION: 3993 GL
COMPLETION DATE: 09-28-87
###
COMPLETION INTERVAL: 4300 - 4710 (GBSA)

Name: MCCCALLISTER STATE 12 ID: 3002533954 Type: Date: 11/14/00



circ.

circ.

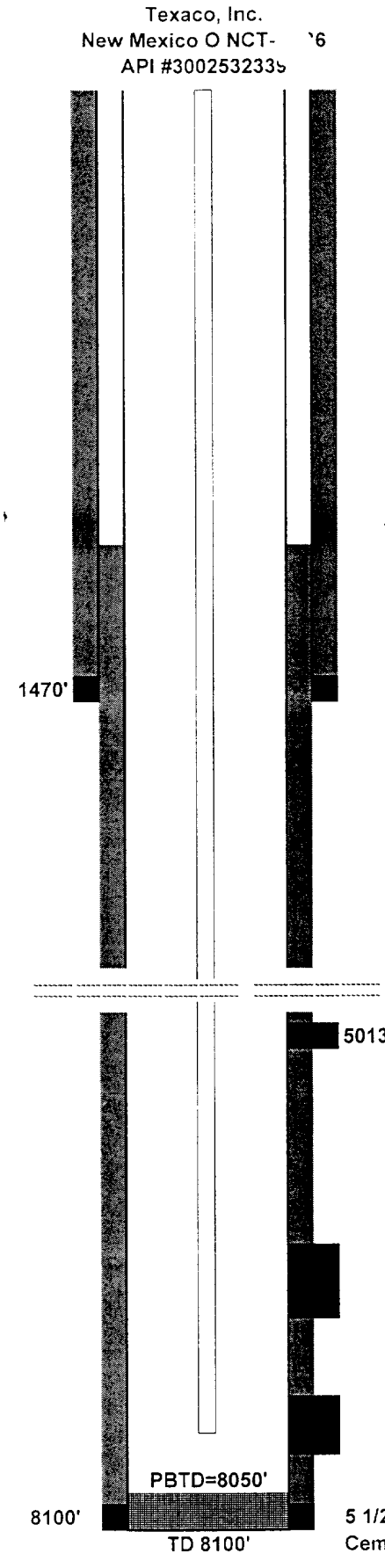
circ.

Spud 5/23/97

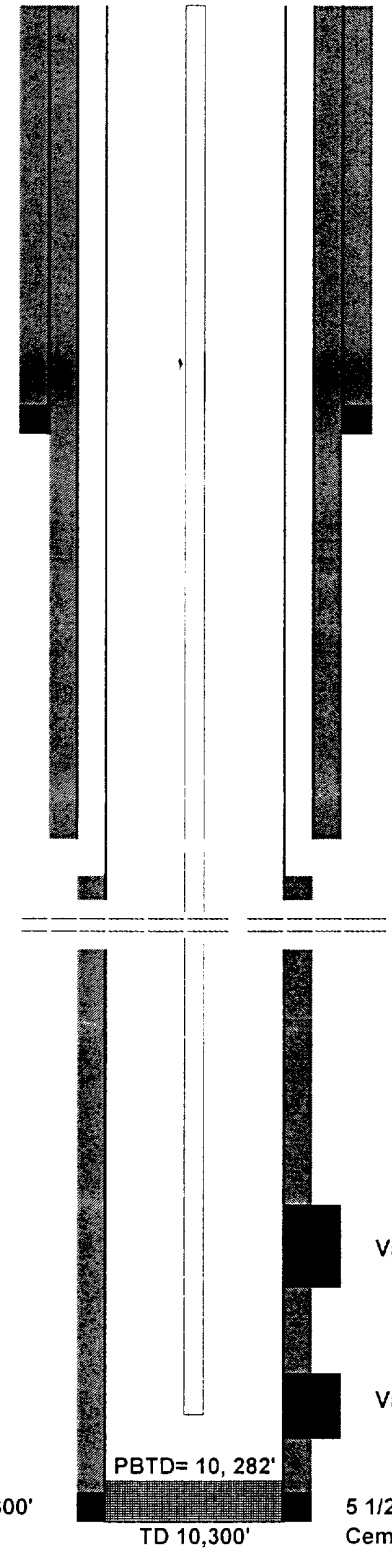
Sec 25 17S 34E

1945 FSL 850 FWL

producing Atoka


Texaco, Inc.
New Mexico O NCT- `6
API #300253233b
Unit N, 330' FSL and2210' FWL
Section 36 - 17S - 34E
Lea County, New Mexico
Elevation: 4009' KB 3995' GL
Completion Date: 9/27/96
TOC at 1000' by TS
1470'
8 5/8", 24#, Casing - Circulated Cement with 650 sx
5013' DV Tool
Vacuum Blinebry 6412' - 7090'
Vacuum Drinkard 7498' - 7762'
PBTD=8050'
8100'
TD 8100'
5 1/2", 15# and 17#, Casing
Cemented with 1375 sacks - TCC by T.S. at 1000'

Texaco, Inc.
New Mexico O NCT-1 #39
API #3002533569



Unit G, 2075' FNL and 2110' FEL
Section 36 - 17S - 34E
Lea County, New Mexico
Elevation: 3997' GR
Completion Date: 11/16/98

5310'

8 5/8", 32#, Casing - Circulated Cement with 2125 sx

Vacuum Wolfcamp 9303' - 10,048'

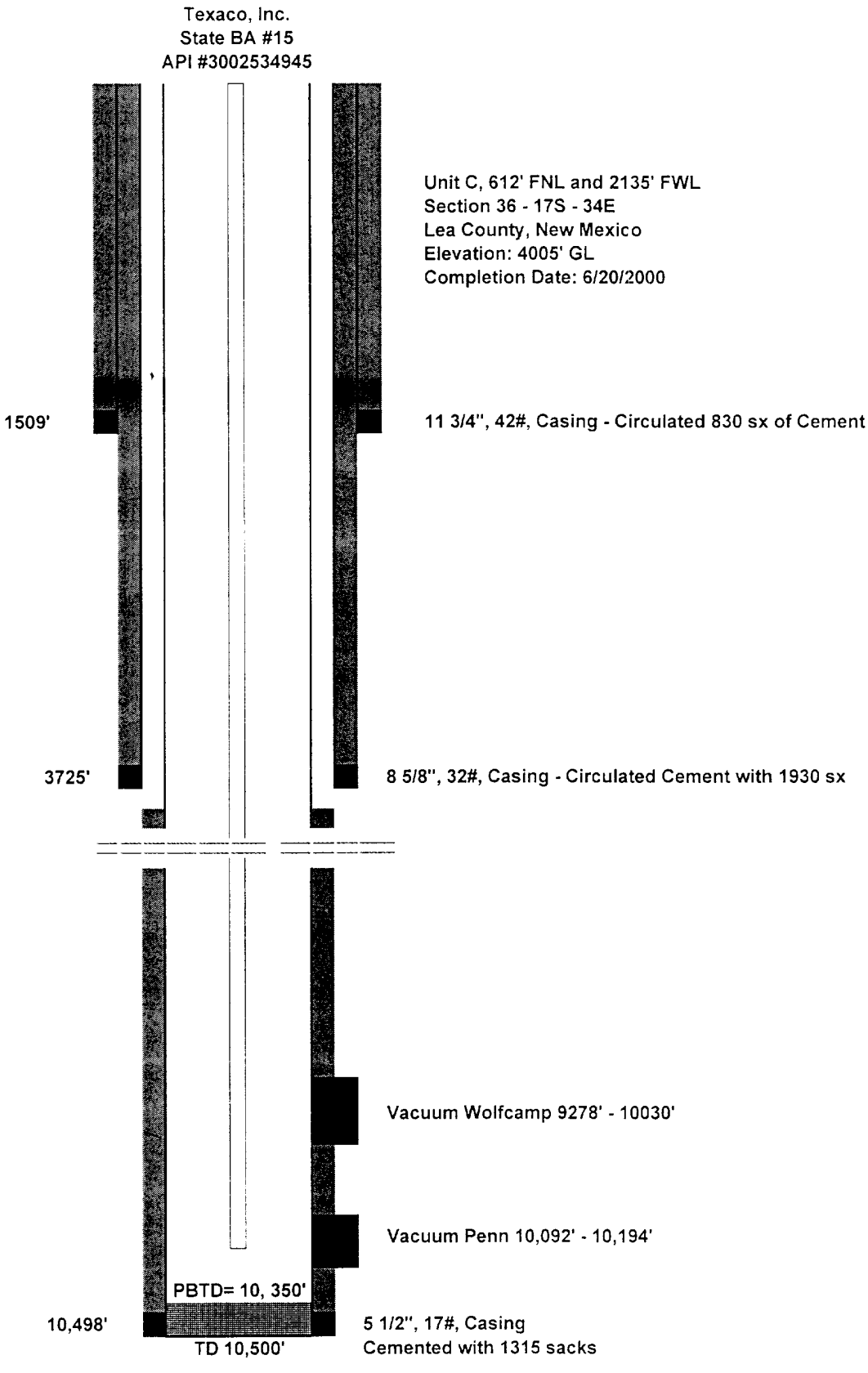
Vacuum Penn 10,102' - 10,230'

PBTD= 10, 282'

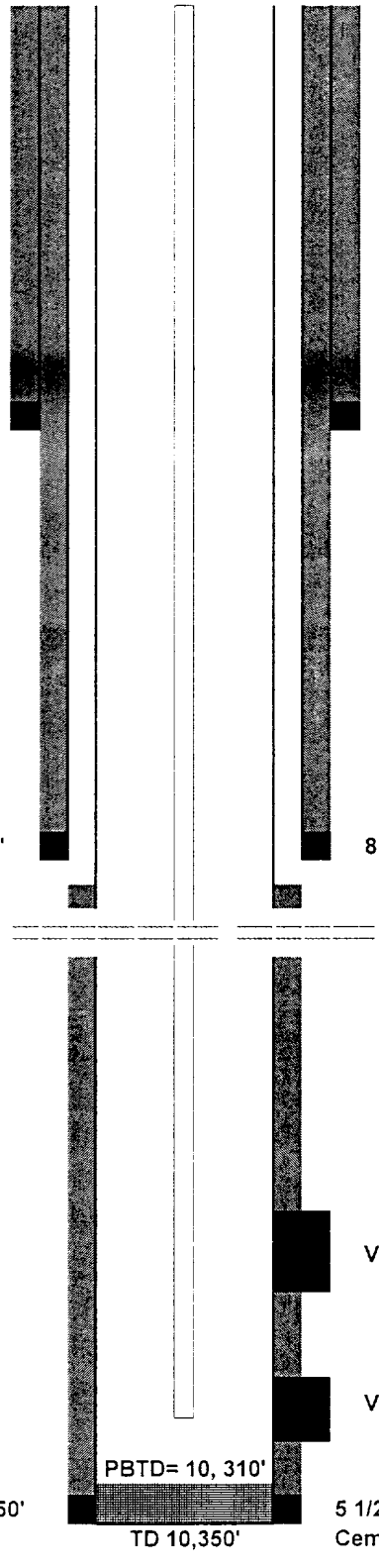
10,300'

5 1/2", 17#, Casing
Cemented with 1000 sacks

TD 10,300'


Texaco, Inc.
State BA #15
API #3002534945
Unit C, 612' FNL and 2135' FWL
Section 36 - 17S - 34E
Lea County, New Mexico
Elevation: 4005' GL
Completion Date: 6/20/2000
1509'
11 3/4", 42#, Casing - Circulated 830 sx of Cement
3725'
8 5/8", 32#, Casing - Circulated Cement with 1930 sx
Vacuum Wolfcamp 9278' - 10030'
Vacuum Penn 10,092' - 10,194'
PBTD= 10, 350'
10,498'
5 1/2", 17#, Casing
Cemented with 1315 sacks
TD 10,500'

Texaco, Inc.
New Mexico Q NCT-1 #12
API #3002533850



Unit O, 400' FSL and 1900' FEL
Section 25 - 17S - 34E
Lea County, New Mexico
Elevation: 3998'
Completion Date: 2/11/99

1500' 11 3/4", 42#, Casing - Circulated 800 sx of Cement

3700' 8 5/8", 32#, Casing - Circulated Cement with 1200 sx

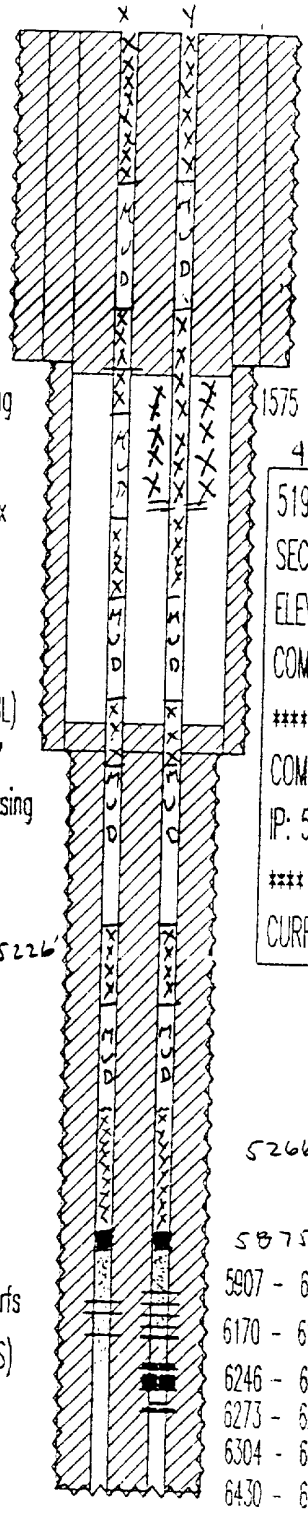
Vacuum Wolfcamp 9310' - 9678'

Vacuum Penn 10,020' - 10,202'

10,350' 5 1/2", 15.5# and 17#, Casing
Cemented with 1900 sacks

TEXACO
NM O STATE NCT-1 NO. 13
API# 3002520046000O
P+A 5/29/98

Vacuum Glorieta West Unit
No. 130



0 - 1550' Cement 900 sx

0 - 1550' 15" OD Openhole

0 - 1550' 11.75" OD Surface Casing

0 - 3374' Cement 500 sx

1550 - 3374' 11" OD Openhole

3240 - 6853' Cement 1200 sx (CBL)

20 sx cmt - 4341'-3975'

0 - 3374' 8.625" OD Intermediate Casing

30 sx cmt 5875'-5226'

3374 - 6853' 7.875 " OD Openhole

5916 - 6017' Perfs

6115 - 6119' Perfs (COMMUNICATE STRINGS)

0 - 6852' 2.875" OD Tubing

0 - 6850' 2.875" OD Tubing

0 - 1600' Cement

1575 - 1575' Squeeze Perfs (SQZ W/ 650 sx & BRDNHD SQZ W/ 250 sx)

4 sqz holes @ 2293' - sqz 50 sx cmt

519 FSL & 1839 FWL
SEC 36 , TWN 17 S, RANGE 34 E
ELEVATION: 3997 GR
COMPLETION DATE: 02-18-63
####
COMPLETION INTERVAL: 5916 - 6017 (GLRT)
IP: 504 BOPD, 0 MCFD, 0 BWPD (FLOWING)
####
CURRENT STATUS: GLORIETA PRODUCER

5266' - 5875 - 30 sx cement

5875' - CIBP w/ 40 sx cmt below

5907 - 6131' Perfs (3/82)

6170 - 627' Cement Plug

6246 - 6271' Abandoned Perfs (SQZ'D W/ 50 sx)

6273 - 6280' Retainer

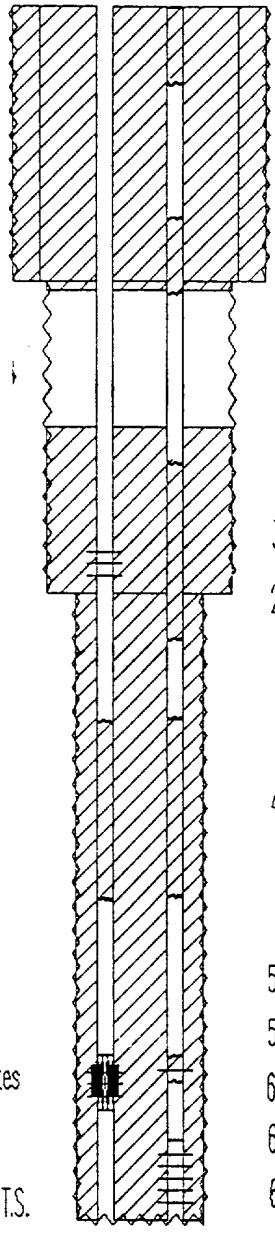
6304 - 6372' Abandoned Perfs (SQZ'D W/ 43 sx)

6430 - 6440' Retainer

6460 - 6477' Abandoned Perfs (SQZ'D W/ 92 sx)

TD: 6853'

TEXACO E&P INC.
NM "O" State NCT-1 No. 20
Yates Recompletion API# 30-025-20111



0 - 400' CEMENT PLUG 10 sx

0 - 1600' CEMENT SQZD 950 sx, circ.

0 - 1548' 11 3/4" OD 42.00#/ft SURF CSG

0 - 1548' CEMENT 1000 sx, circulated

0 - 1548' 15" OD HOLE

1548 - 3300' 11" OD HOLE

1200 - 1600' CEMENT PLUG 10 sx

3000 - 3200' PERFS Yates

2550 - 3550' CEMENT PLUG 20 sx

4000 - 5000' CEMENT PLUG 25 sx

5900 - 6208' RETAINER 50 sx

5952 - 6131' ABANDONED PERFS Glorieta

6208 - 6213' CIBP

6375 - 6380' CIBP

6406 - 6728' PERFS Blinebry

0 - 6771' 2.875" OD 6.40#/ft TBG Yates

0 - 6813' 2.875" OD 6.40#/ft TBG

2365 - 6825' CEMENT 1800 sx, TOC by T.S.

3300 - 6825' 7.625" OD HOLE

1980 FNL & 467 FWL
SEC 36, TWN 17S, RANGE 34E
ELEVATION: 4005' GR
COMPLETION DATE: 8-26-63
COMPLETION INTERVAL: 5952' - 6131' (Glorieta)
6406' - 6728' (Blinebry)

AFFIDAVIT OF PUBLICATION

State of New Mexico,
County of Lea.

I, KATHI BEARDEN

Publisher

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

of 1

weeks.

Beginning with the issue dated

November 3 2000

and ending with the issue dated

November 3 2000

Kathi Bearden

Publisher

Sworn and subscribed to before me this 3rd day of

November 2000

Jodi Henson

Notary Public.

My Commission expires
October 18, 2004
(Seal)

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

LEGAL NOTICE
November 3, 2000

Texaco Exploration and Production Inc is applying for permission to drill and complete two horizontal injection wells. Central Vacuum Unit Well No. 173 and Central Vacuum unit Well No. 241. These wells will be located in Section 36 of T17S, R34E, Lea County. The wells are intended for the purpose of injecting water and carbon dioxide to improve oil recovery from the portion of the Grayburg and San Andres formations that lies between 4200 and 4800 feet below the surface. Anticipated injection rate for No. 173 will be 4000 barrels of water per day at a surface injection pressure of 880 pounds per square inch or 10 million cubic feet of carbon dioxide per day at a surface injection pressure of 1230 pounds per square inch. Anticipated injection rate for No. 241 will be 2400 barrels of water per day at a surface injection pressure of 880 pounds per square inch, or 6 million cubic feet of carbon dioxide per day at a surface injection pressure of 1230 pounds per square inch.

Interested parties must file objections or requests for hearings with the Oil Conservation Division, 2040 South Pacheco, Santa Fe, New Mexico 87505, within 15 days. For information contact:

Texaco Exploration and Production, Inc.
P.O. Box 3109
Midland, TX 79702-3109
Contact Party:
Steve Guillot
Contact Phone:
915-688-4577
#17722

02104895000 02542625

Texaco Exploration and Product
P.O. Box 3109
MIDLAND, TX 79702-3109

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

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

3. Article Addressed to:
NM State Land office
P.O. Box 1148
Santa Fe NM 87504
attn: Oil & Minerals

4a. Article Number
Z 260 099 136

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

7. Date of Delivery
SANTA FE NM DEC 19 2000

5. Received By: *(Print Name)*

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

6. Signature *(Addressee or Agent)*

102595-99-B-0223 Domestic Return Receipt

PS Form 3811, December 1994

Thank you for using Return Receipt Service.

Is your RETURN ADDRESS completed on the reverse side?

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

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

3. Article Addressed to:
Altura
P.O. Box 4294
Houston, TX 77001

4a. Article Number
Z 260 099 130

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

7. Date of Delivery
DEC 19 2000

5. Received By: *(Print Name)*

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

6. Signature *(Addressee or Agent)*
GEE

102595-99-B-0223 Domestic Return Receipt

PS Form 3811, December 1994

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

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

3. Article Addressed to:
Giles M. Lee
West Star Route
Box 478
Crowington, NM 88260

4a. Article Number
Z 260 099-127

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

7. Date of Delivery
12-18-00

5. Received By: *(Print Name)*
Giles M. Lee

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

6. Signature *(Addressee or Agent)*

102595-99-B-0223 Domestic Return Receipt

PS Form 3811, December 1994

Thank you for using Return Receipt Service.

Is your RETURN ADDRESS completed on the reverse side?

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

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

3. Article Addressed to:
Anson
Box 4697
Houston, TX 77210

4a. Article Number
Z 260 099 131

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

7. Date of Delivery
DEC 19 2000

5. Received By: *(Print Name)*

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

6. Signature *(Addressee or Agent)*
GEE

102595-99-B-0223 Domestic Return Receipt

PS Form 3811, December 1994

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

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

3. Article Addressed to:
Roy Pearce, Jr. Trust
1717 S. Jackson
Pecos, TX. 79772

4a. Article Number
Z 260 099-128

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

7. Date of Delivery
12-16-00

5. Received By: *(Print Name)*
Fred Pearce

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

6. Signature *(Addressee or Agent)*

102595-99-B-0223 Domestic Return Receipt

PS Form 3811, December 1994

Thank you for using Return Receipt Service.

Is your RETURN ADDRESS completed on the reverse side?

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

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

3. Article Addressed to:
Marathon Oil Co.
P.O. Box 552
Midland, TX 79702

4a. Article Number
Z 260 099 132

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

7. Date of Delivery
DEC 19 2000

5. Received By: *(Print Name)*
M C Williams

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

6. Signature *(Addressee or Agent)*

102595-99-B-0223 Domestic Return Receipt

PS Form 3811, December 1994

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

Article Sent To: Phillips Petroleum Co

12-22-00 Postage	$ 1.65
Certified Fee	2.65
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	$ 4.30

Postmark Here

Name (Please Print Clearly) (To be completed by mailer)

Street, Apt. No.; or PO Box No. 4001 Penbrook

City, State, ZIP+4 Odessa TX 79762

PS Form 3800, July 1999 See Reverse for Instructions

7099 3220 0005 7315 6315

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

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

3. Article Addressed to:
Apache Corp.
2000 Post Oak
Suite 100
Houston, TX 77001

4a. Article Number
Z 260 099 129

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

7. Date of Delivery
12-18-00

5. Received By: *(Print Name)*
A. McGeorge

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

6. Signature *(Addressee or Agent)*

102595-99-B-0223 Domestic Return Receipt

PS Form 3811, December 1994

Notifications to all offset operators and landowners was mailed on 12-1[illegible]-0. Return receipt was not received from Phillips Petroleum. The receipt at left is for a second mailing to them.