

HALE AREA CO2 PROJECT
Investment Cost Estimate

ITEM	CAPITAL \$M	1996		1997				1998				Future Years
		3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	
Air Permitting	25,000	X				X						
New Wells	2,960,000	X	X		X	X						
Well Deepenings / Workovers	180,000	X	X									
Flowlines and WH/Tree Modifications	190,000		X			X	X	X	X	X	X	X
Conversions to Injectors	975,000		X			X			X			
Meter Runs	475,000	X	X		X	X			X			
Water Distribution System	315,000	X	X		X	X						
CO2 Distribution System	440,000	X	X		X	X						
Gas ReInjection Station	1,170,000			X	X							X
Pumping Equipment	450,000						X			X	X	X
Production Facility Upgrades	750,000	X	X	X	X							
Water Transfer Line	200,000			X								
TOTAL	8,130,000											

BEFORE EXAMINER *Stogner*
ON CONSTRUCTION PERIOD

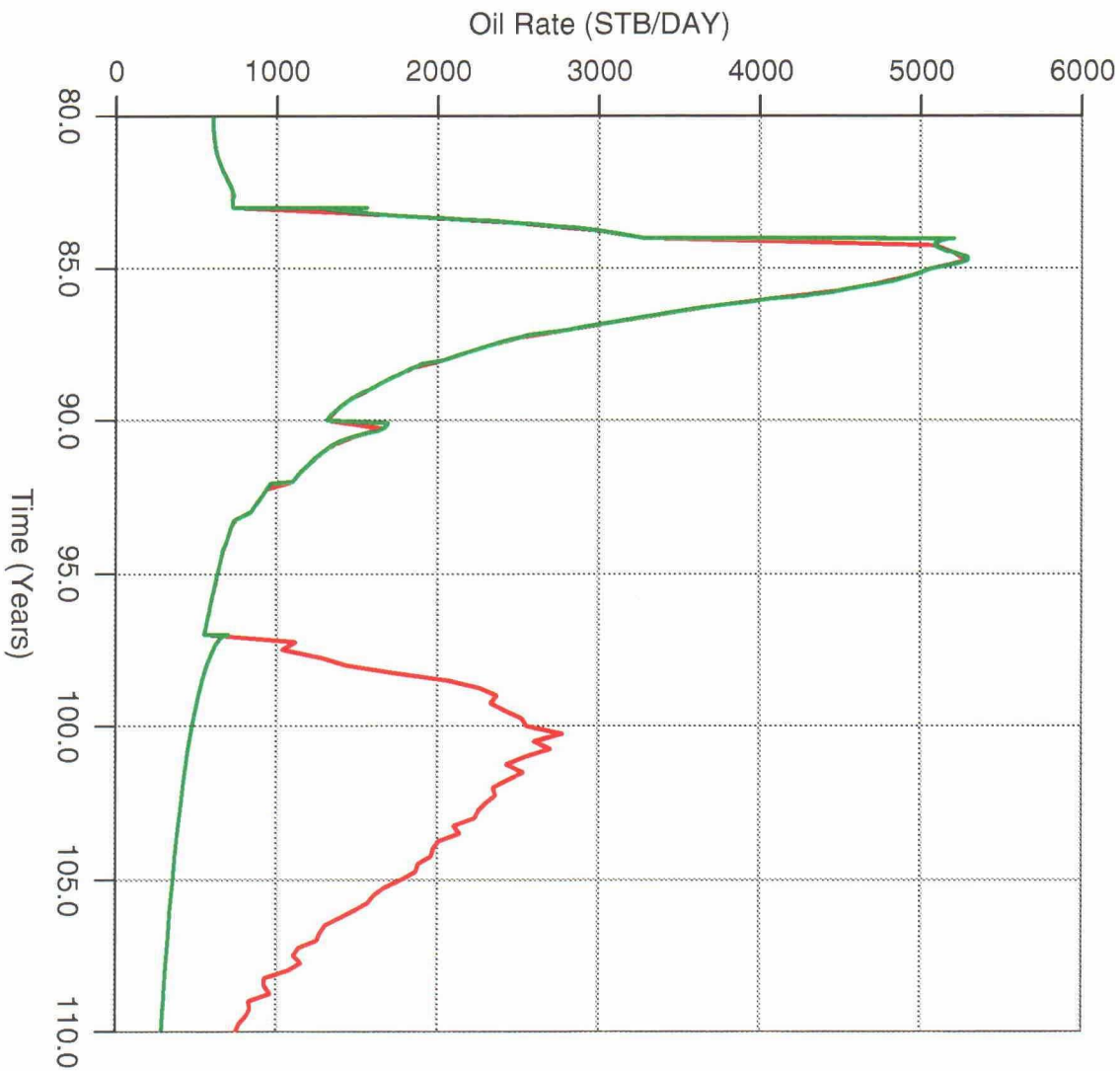
PROJECT NO. *15*

HALE 11522-23



State 35 Unit CO2 FORECAST VERSUS DEPLETION

Larry D. Hallenbeck
Mon Apr 29 1996



— CO2 Forecast
— Waterflood Depletion

F1: /halehistV.LDHALLE.haleldh.P
F2: /hale5V..halev.PLTDAT
F3: /hale2V.LDHALLE.haleldh.PLT
F4: /hale5V..halev.PLTDAT

BEFORE EXAMINER *Stagner*
OIL CONSERVATION DIVISION
PHILLIPS PETROLEUM COMPANY
EXHIBIT NO. *16*
CASE NO. *11522-23*

**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**

BEFORE EXAMINER <u>Stagner</u>
OIL CONSERVATION DIVISION
PHILLIPS PETROLEUM COMPANY
EXHIBIT NO. <u>17</u>
CASE NO. <u>11522-23</u>

MAY 2, 1996

C108

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

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

III. WELL DATA

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

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

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

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

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

XIV. PROOF OF NOTICE

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

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

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

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

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

ATTACHMENT III

PROPOSED WELL
NUMBERING SCHEME

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 16		H	35-17S-34E	1310' FN, 660' FE 1120' FN, 660' FE(S.L.)	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 17		H	35-17S-34E	2020' 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	Hale 26		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	Hale 27		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	Hale 24		K	35-17S-34E	1980' FS, 2630' FE 1926' FS, 2430' FE(S.L.)	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	Hale 25		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.

* All footages are bottom hole locations unless specified

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

PROPOSED
INJECTION WELLS

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 GRAYBURG SAN ANDRES (POOL # 62180)
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'

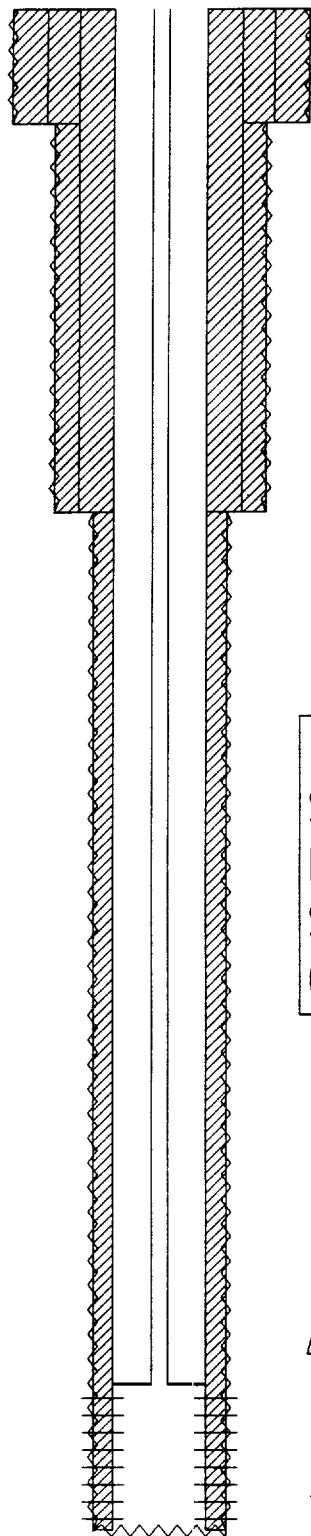
GLORIETA @ 5800'

H-35 #14
API# 3002528046

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

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

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



0.0 - 355.0' 17.5" OD HOLE

355.0 - 1570.0' 12.5" OD HOLE

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

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 GRAYBURG SAN ANDRES (POOL # 62180)
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'

PHILLIPS PETROLEUM

HALE #14

API# 3002528057

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 TBG
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
OPERATOR

HALE / MABLE / H-35
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

- Name of the injection formation GRAYBURG SAN ANDRES
- Name of the Field or Pool VACUUM GRAYBURG SAN ANDRES (POOL # 62180)
- 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).

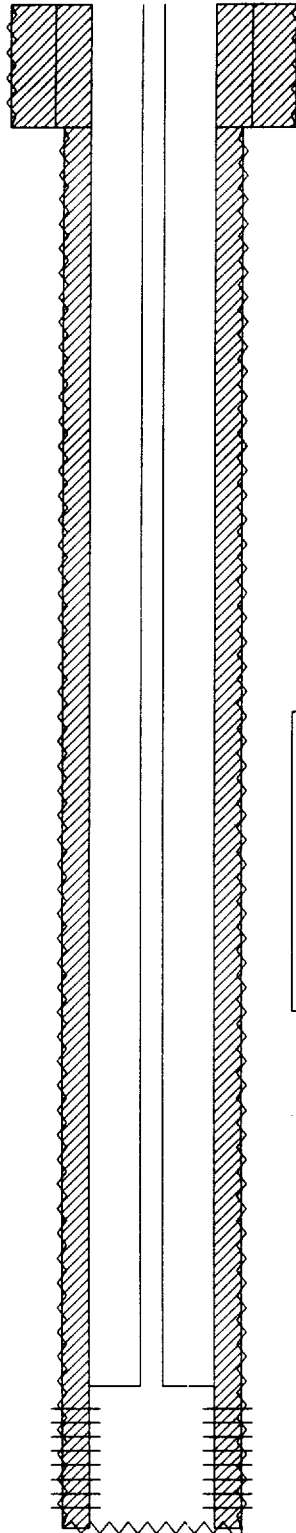
NO

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

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

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
OPERATOR

HALE / MABLE / H-35
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

- Name of the injection formation GRAYBURG SAN ANDRES
- Name of the Field or Pool VACUUM GRAYBURG SAN ANDRES (POOL # 62180)
- 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'

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
OPERATOR

HALE / MABLE / H-35
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

Hole size

4389' to 4704'

Perforated X

or

Open-Hole

[illegible]

Other Data

1. Name of the injection formation GRAYBURG SAN ANDRES

2. Name of the Field or Pool VACUUM GRAYBURG SAN ANDRES (POOL.# 62180)

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
WELL #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 - 4800.0' 5.5" OD PROD CSG
0.0 - 4800.0' CEMENT 1000 sx

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

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 GRAYBURG SAN ANDRES (POOL # 62180)
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'

HILL'S 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'

Long String @ 4800'

Size 10.75" Cemented with 1100 sx

Size 7" Cemented with 2000 sx

TOC surface feet determined by Circulation

TOC surface feet determined by Circulation

Hole size 14.75"

Hole size 9.5"

Intermediate Casing @

Size Cemented with

Injection Interval

TOC feet determined by

4356' to 4700'

Hole size

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 GRAYBURG SAN ANDRES (POOL # 62180)

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'

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 GRAYBURG SAN ANDRES (POOL # 62180)
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'

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 TBG
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'

Long String @ 4829'

Size 10.75"

Cemented with

1100 sx

Size 7"

Cemented with

1795 sx

TOC surface

feet determined by

Circulation

TOC surface

feet determined by

Circulation

Hole size 14.75"

Hole size 9.5"

Intermediate Casing @

Size

Cemented with

Injection Interval

TOC

feet determined by

4367'

to

4690'

Hole size

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 GRAYBURG SAN ANDRES (POOL: # 62180)

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'

HALE #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 GRAYBURG SAN ANDRES (POOL # 62180)
3. Is this a well drilled for injection? YES - CURRENTLY A WATER INJECTOR

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

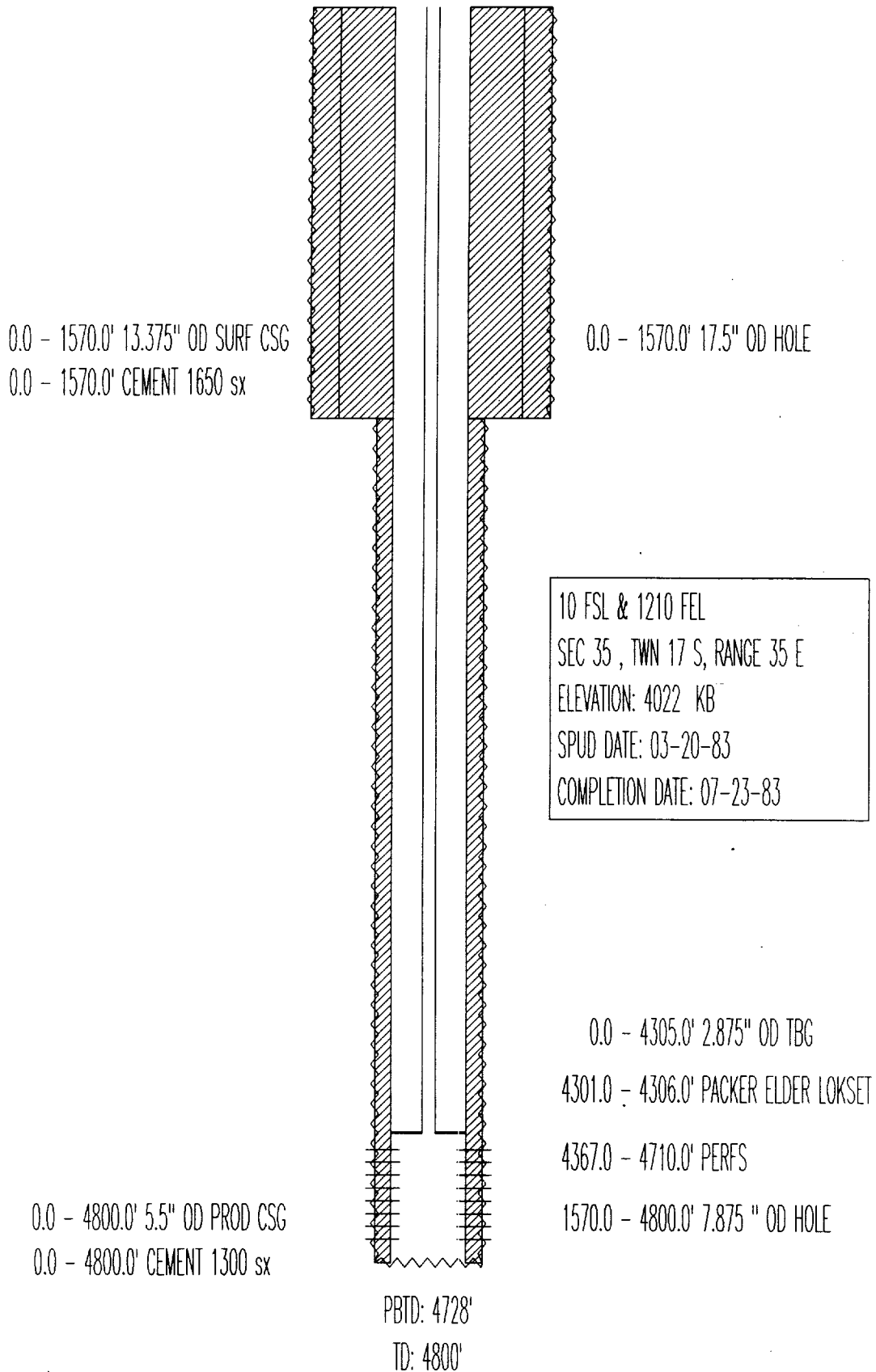
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used).

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 #19
API# 3002528062



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

- Name of the injection formation GRAYBURG SAN ANDRES
- Name of the Field or Pool VACUUM GRAYBURG SAN ANDRES (POOL # 62180)
- 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'

ILAWU
CVU #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

- Name of the injection formation GRAYBURG SAN ANDRES
- Name of the Field or Pool VACUUM GRAYBURG SAN ANDRES (POOL-# 62180)
- 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'

ILAWU
CVU #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'

10

CENTRAL VACUUM UNIT

LEASE

35E

RANGE

Surface Casing @ 350'

Long String @ 4800'

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

Intermediate Casing @ 1563'

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)

1. Name of the injection formation

GRAYBURG SAN ANDRES

2. Name of the Field or Pool

VACUUM GRAYBURG SAN ANDRES (POOL # 62180)

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).

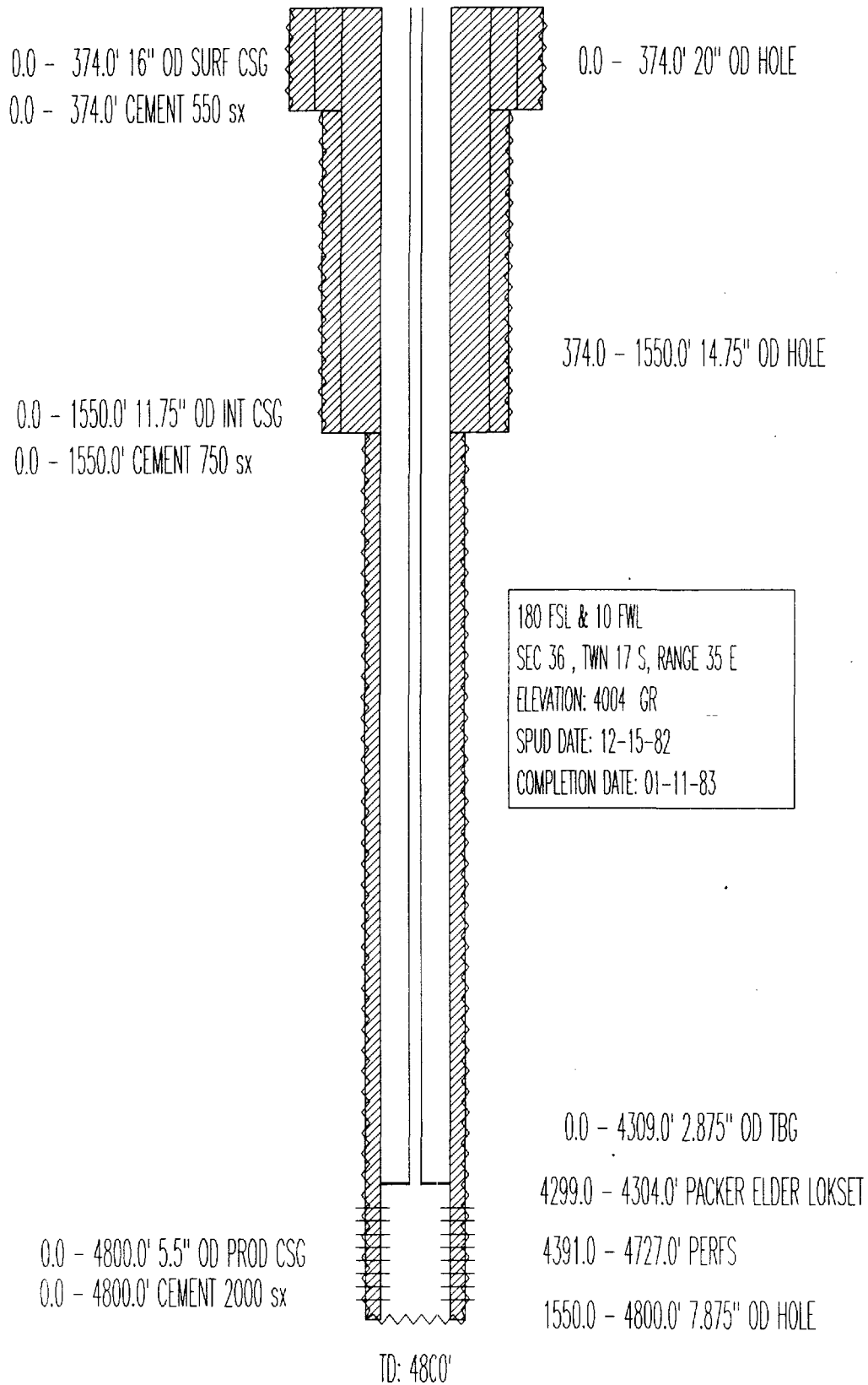
NO

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'

ILWCO
CVU #161W
API# 3002527971



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'

Long String @ 4800'

Size 16" Cemented with 550 sx

Size 5.5" Cemented with 2000 sx

TOC surface feet determined by Circulation

TOC surface feet determined by Circulation

Hole size 20"

Hole size 7.875"

Intermediate Casing @ 1550'

Size 11.75" Cemented with 750 sx

Injection Interval

TOC surface feet determined by Circulation

Hole size 14.75"

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 GRAYBURG SAN ANDRES (POOL # 62180)

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'

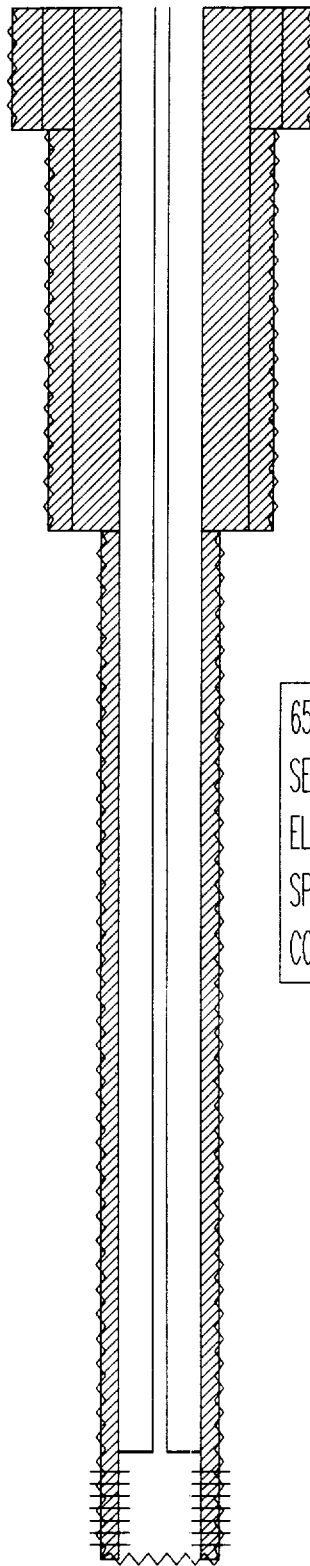
GLORIETA @ 5800'

ILAWW
VAC. GBSA UNIT #62W
API# 3002527973

0.0 - 375.0' 16" OD SURF CSG
0.0 - 375.0' CEMENT 500 sx

0.0 - 1615.0' 11.75" OD INT CSG
0.0 - 1615.0' CEMENT 750 sx

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



0.0 - 375.0' 20" OD HOLE

375.0 - 1615.0' 15 " OD HOLE

65 FNL & 1330 FWL
SEC 02 , TWN 18 S, RANGE 34 E
ELEVATION: 4019 GR
SPUD DATE: 11-30-82
COMPLETION DATE: 12-23-82

0.0 - 4464.0' 2.875" OD TBG
4464.0 - 4469.0' PACKER ELDER LOKSET
4516.0 - 4755.0' PERFS
1615.0 - 4800.0' 7.875" OD HOLE

PBTD: 4732'
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 GRAYBURG SAN ANDRES (POOL # 62180)
- Is this a well drilled for injection? YES - CURRENTLY A WATER INJECTOR

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

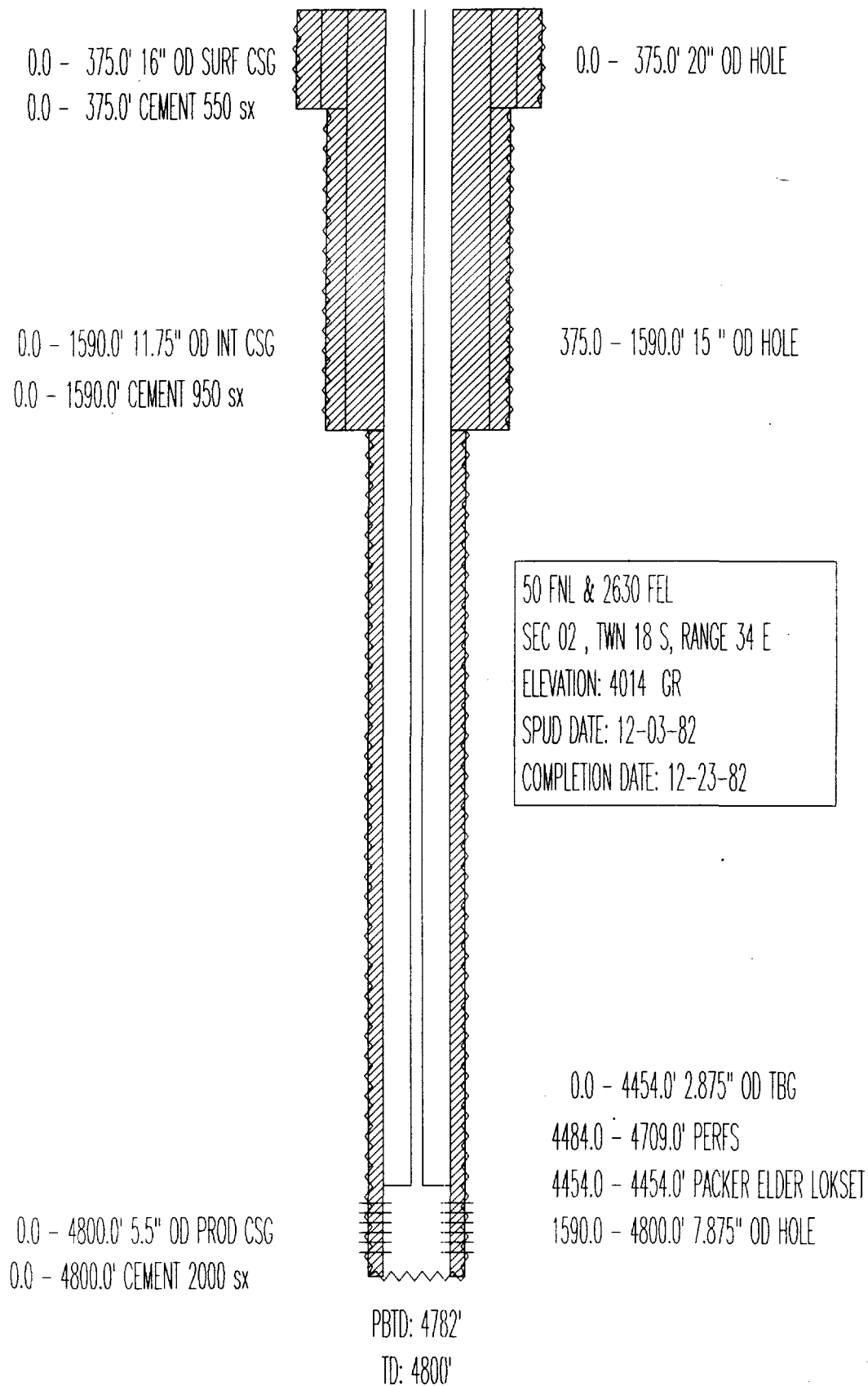
- Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used).

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'

ILARU
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

1. Name of the injection formation GRAYBURG SAN ANDRES
2. Name of the Field or Pool VACUUM GRAYBURG SAN ANDRES (POOL # 62180)
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'

Scale 1:12,000

ATTACHMENT VI.
WELLS WITHIN UNIT

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(txt)	Intermediate Casing Size(in) Depth(ft) Cmt(txt)	Production Casing Size(in) Depth(ft) Cmt(txt)	Top of Cement -	Date Drilled	--Record of Completion-- Original	Current	Current Status	Total Depth
Mobil	Bridges State	186W	3002528427	6' FN, 1209' FE 35-17S-34E	8 5/8 1670 1400		5 1/2 4800 1800	surface	03-03-84	4414 - 4713 SADR		WATER INJ.	4900'
Phillips	H-35	1	3002502213	1980' FN, 660' FE 35-17S-34E	10 3/4 298 250	7 5/8 1532 425	5 1/2 4131 425	2712' M	04-18-38	4131 - 4700 GBSA		PROD	4700'
Phillips	H-35	2	3002502214	660' FN, 660' FE 35-17S-34E	10 3/4 286 225	7 5/8 1584 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 3/4 289 250	7 5/8 1581 425	5 1/2 4146 425	788' C	12-06-38	4146 - 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 3/4 286 225	7 5/8 1581 425	5 1/2 4149 425	791' C	03-15-39	4149 - 4784 GBSA		TA	4784'
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 10064 200	5810' M	12-08-63	9607 - 10074 WFMP	9052 - 9232 ABO	PROD	10064'
Phillips P&A(Conoco)	H-35	10	3002520664	2030' FN, 1780' FE 35-17S-34E	10 3/4 1598 730		2 7/8 6750 1725 4 1/2 6750 total	2700' M	12-15-63	4438 - 5852 SA	8580 - 8690 GLRT/BLER	P&A **	6750'
Phillips P&A(Conoco)	H-35	11	3002520467	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	990' FN, 1650' FE 35-17S-34E	8 5/8 1525 700		No production casing set		12-31-68			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 4648 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 1536 875	7 4170 400	4 1/2 4778 180	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 4089 400	2342' C	01-02-39	4089 - 4721 GBSA		PROD	4721'
Phillips	Hale	4	3002508455	660' FS, 1980' FW 35-17S-34E	9 5/8 1595 900	7 4145 400	4 1/2 4744 180	3990' M	07-15-38	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	5698 - 6110 GLRT 9546 - 10044 WFMP	4360 - 4670 GBSA	PROD	10400'

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) Cm(ft)	Intermediate Casing Size(in) Depth(ft) Cm(ft)	Production Casing Size(in) Depth(ft) Cm(ft)	Top of Cement	Date Drilled	Record of Completion Original Current	Current Status	Total Depth
Phillips	Hale	10	3002520782	960 FS, 1680' FE 35-17S-34E	8 5/8 1600 700		4 1/2 6200 800	3150' M	08-13-64	3004 - 3080 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 800	2500' M	10-31-64	2987 - 3100 YTES 5014 - 5233 SADR	TA	6225'
Phillips	Hale	20	3002530614	1225' FS, 2000' FW 35-17S-34E	13 3/8 1610 1500		5 1/2 4800 2000	surface	09-20-89	4387 - 4680 SADR	PROD	4800'
Phillips	Hale	22	3002530616	850' FS, 2630' FW 35-17S-34E	13 3/8 1603 1500		5 1/2 4800 2000	300' M	07-21-89	4411 - 4603 SADR	PROD	4800'
Phillips	Hale	23	3002530617	620' FS, 1250' FE 35-17S-34E	13 3/8 1587 1500		5 1/2 4800 2000	surface	09-05-89	4390 - 4586 SADR	PROD	4800'
Phillips	Mable	1	3002502224	1980' FN, 680' FW 35-17S-34E	9 5/8 1547 890		7 4172 400	2635' M	01-02-39	4478 - 4708 SADR	TA	4716'
Phillips	Mable	2	3002502225	660' FN, 660' FW 35-17S-34E	9 5/8 1573 900		7 4166 400	2408' C	08-04-39	4166 - 4600 SADR	TA	4600'
Phillips	Mable	3	3002522955	2310' FN, 990' FW 35-17S-34E	8 5/8 367 300		4 1/2 4758 575	2625' M	04-08-89	4484 - 4688 SADR	PROD	4749'
Phillips	Mable	4W	3002528053	1330' FN, 1310' FW 35-17S-34E	8 5/8 349 400		5 1/2 4800 1270	surface	07-23-83	4506 - 4586 GBSA	SI	4800'
Phillips	Mable	5W	3002528054	1330' FN, 110' FW 35-17S-34E	8 5/8 1581 1000		5 1/2 4800 1300	surface	07-23-83	4546 - 4586 GBSA	SI	4800'
Texaco	Vac. Gioneta West Unit	50W	3002531870	328' FN, 1214' FE 35-17S-34E	8 5/8 1530 850		5 1/2 6286 2200	surface	06-06-93	5945 - 6100 PDCK	WATER INJ.	6286'
Texaco	Vac. Gioneta West Unit	56	3002520329	660' FN, 1780' FE 35-17S-34E	13 3/8 375 375	9 5/8 4950 300	7 12413 1750	surface	10-28-83	9154 - 10086 ABO/WFMP 11331 - 11345 ATOK 12255 - 12275 DVNN	PROD	12413'
Texaco	Vac. Gioneta West Unit	57	3002520510	760' FN, 510' FE 35-17S-34E	8 5/8 1590 800		5 1/2 6750 750	surface	07-28-83	5964 - 5984 GLRT	PROD	6750'
Texaco	Vac. Gioneta West Unit	63W	3002531871	1340' FN, 1090' FE 35-17S-34E	8 5/8 1530 650		5 1/2 6380 1530	533' C	06-15-93	5901 - 6004 GLRT/PDCK	WATER INJ.	6380'
Texaco	Vac. Gioneta West Unit	70	3002532270	2008' FN, 1668' FE 35-17S-34E	8 5/8 1520 850		5 1/2 6320 1850	surface	01-30-94	5970-6058 GLRT/PDCK	PROD	6320'
Texaco	Vac. Gioneta West Unit	71	3002520665	2180' FN, 660' FE 35-17S-34E	7 7/8 1516 520		4 1/2 6245 900	2212' C	04-02-84	5934 - 6099 GLRT	PROD	6245'
Texaco	Vac. Gioneta West Unit	77W	3002531872	2568' FS, 1226' FE 35-17S-34E	8 5/8 1550 850		5 1/2 6315 3080	surface	06-26-93	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)	Size(in)	Depth(ft)	Size(in)	Depth(ft)			Original		
Texaco	Vac. Glorieta West Unit	83	3002520781	1980' FS, 1785' FE 35-17S-34E	13 3/8	323	9 5/8	3400	7	10497	1090	06-10-64	9236 - 10134 ABO/WFMP GLRT	PROD	10500'
Texaco	Vac. Glorieta West Unit	84	3002520778	2080' FS, 560' FE 35-17S-34E	9 5/8	1596	642		4 1/2	6900	1133	01-03-64	5928 - 5946 GLRT	PROD	6900'
Texaco	Vac. Glorieta West Unit	91W	3002531873	1459' FS, 1048' FE 35-17S-34E	8 5/8	1545	650		5 1/2	6315	1900	07-07-83	5874 - 6009 GLRT/PDCK	WATER INJ.	
Texaco	Vac. Glorieta West Unit	98	3002532263	937' FS, 532' FE 35-17S-34E	8 5/8	1500	650		5 1/2	6269	1925	02-08-94	5876 - 5988 GLRT/PDCK	PROD	6269'

* 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% safety factor

** See Diagram for plugging detail

ATTACHMENT VI
WELLS OUTSIDE UNIT

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 Cement	Date Drilled	Record of Completion—Original	Current Status	Total Depth		
					Size(in)	Depth(ft)	Size(in)	Depth(ft)	Size(in)	Depth(ft)	Contract		Original	Current			
Mobil	Bridges State	12	3002502117	710' FS, 660' FE 26-17S-34E	10 3/4	830	225		7	4125	210	3203' C	08-02-38	4125 - 4725 GBSA	PROD	4725'	
Mobil	Bridges State	15	3002502118	660' FS, 1980' FE 26-17S-34E	10 3/4	801	225		7	4125	220	3158' C	09-11-38	4125 - 4763 GBSA	PROD	4763'	
Mobil	Bridges State	26	3002502121	660' FS, 1980' FW 26-17S-34E	10 3/4	838	220		7	4220	210	3298' C	03-12-39	4220 - 4710 GBSA	PROD	4710'	
Mobil	Bridges State	180	3002524632	330' FS, 330' FE 26-17S-34E	9 5/8	367	400		7	4850	1400	surface	02-20-74	4428 - 4738 GBSA	TA	4850'	
Mobil	Bridges State	187W	3002528428	5' FS, 2550' FE 26-17S-34E	8 5/8	1690	1400		5 1/2	4800	1400	surface	03-30-84	4453 - 4748 GBSA	WATER INJ.	4800'	
Mobil	Bridges State	503	3002529262	1100' FS, 2550' FE 26-17S-34E	8 5/8	1702	1400		5 1/2	4800	1200	230' C	06-28-85	4444 - 4540 SADR	PROD	4800'	
Mobil	Bridges State	507	3002529631	1150' FS, 1200' FE 26-17S-34E	8 5/8	1250	1000		5 1/2	4800	1740	surface	05-01-87	4342 - 4482 GBSA	PROD	4800'	
Mobil	N. Vacuum Abo Unit	95	3002502128	860' FS, 660' FE 26-17S-34E	13 3/8	358	350	9 5/8 4400	3600	7	13816	3400	surface	12-19-82	12070 - 12105 DVNN ABO	SI	13816'
Mobil	N. Vacuum Abo Unit	153	3002523694	1100' FS, 1400' FW 26-17S-34E	8 5/8	1600	1000		5 1/2	8700	3100	surface	02-22-71	4888 - 4878 SADR ABO	SI	8700'	
Mobil	N. Vacuum Abo Unit	286	3002529430	504' FS, 1903' FE 26-17S-34E	13 3/8	400	500	9 5/8 5000	2725	5 1/2	8700	1050	4701' C	12-24-85	8434 - 8562 ABO	SI	8700'
Mobil	State CC Unit	1	3002520872	1980' FS, 860' FW 36-17S-34E	16	360	350	10 3/4 4967	2175	2 7/8 12080 4 1/2 10222	4480 total for 3 strands	surface	08-12-84	11972 - 12028 DVNN ABO/WFMP	PROD	12080'	
Marathon	McCallister State	5	3002520116	660' FS, 560' FW 25-17S-34E	16	379	675	10 3/4 5000	4088	7	12183	1335	3470' M	05-01-83	12004 - 12034 DVNN ABO	PROD	12185'
Texaco	Cent. Vac. Unit	39	3002502109	660' FS, 660' FW 25-17S-34E	9 5/8	494	250		7	4096	700	1023' C	12-23-38	4378 - 4783 GBSA	PROD	4787'	
Texaco	Cent. Vac. Unit	40W	3002525703	42' FN, 1247' FW 36-17S-34E	8 5/8	388	375		4 1/2	4800	2000	surface	01-28-78	4400 - 4701 GBSA	WATER INJ.	4800'	
Texaco	Cent. Vac. Unit	53	3002502233	660' FN, 1980' FW 36-17S-34E	13	288	160	9 5/8 1528	300	7	4094	300	2777' C	01-07-39	4094 - 4700 GBSA	PROD	4700'
Texaco	Cent. Vac. Unit	54	3002502232	660' FN, 660' FW 36-17S-34E	13	288	150	9 5/8 1523	300	7	4100	300	2196' C	09-12-38	4100 - 4728 GBSA	PROD	4728'
Texaco	Cent. Vac. Unit	55W	3002525721	1310' FN, 1310' FW 36-17S-34E	8 5/8	397	425		4 1/2	4800	2200	surface	02-16-78	4387 - 4708 GBSA	WATER INJ.	4800'	
Texaco	Cent. Vac. Unit	68	3002502239	1980' FN, 1980' FW 36-17S-34E	10 3/4	259	200	7 5/8 1598	250	5 1/2	4113	200	3351' C	08-02-38	4113 - 4725 GBSA	PROD	4725'
Texaco	Cent. Vac. Unit	69	3002502235	1980' FN, 660' FW 36-17S-34E	10 3/4	249	175	7 5/8 1561	200	5 1/2	4088	230	1764' C	04-18-38	4088 - 4720 GBSA	PROD	4720'

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 Current	Date Drilled	Record of Completion	Current Status	Total Depth
					Size(in)	Depth(ft)	Constr(kt)	Size(in)	Depth(ft)	Constr(kt)	Size(in)	Depth(ft)	Constr(kt)			Original		
Texaco	Cent Vac. Unit	70W	300252726	2630' FN, 1310' FW 36-17S-34E	9 5/8	397	450				4 1/2	4800	2200	surface	02-12-78	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	178	3288' 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	1500	800	4 1/2	4800	800	surface	04-05-79	4322 - 4705 GBSA	WATER INJ.	4800'
Texaco	Cent Vac. Unit	91	3002502243	660' FS, 1980' FW 36-17S-34E	7 5/8	1542	300				5 1/2	4070	200	3308' C	11-04-38	4070 - 4710 GBSA	PLA **	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	3002528001	10 FS, 1310' FW 36-17S-34E	13 3/8	361	400	9 5/8	1416	800	4 1/2	4800	750	surface	01-16-79	4380 - 4724 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 - 4728 GBSA	WATER INJ.	4800'
Texaco	Cent Vac. Unit	158W	3002527968	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 - 4728 GBSA	WATER INJ.	4800'
Texaco	Cent Vac. Unit	169	3002529765	760' 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	675' 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	3002531195	660' FS, 1330' FW 36-17S-34E	13 3/8	1538	1400	9 5/8	2800	1450	7	4850	850	surface	07-30-81	4301 - 4860 GBSA	PROD	4850'
Texaco	Vac. Glorieta 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 POCK	WATER INJ.	6270'
Texaco	Vac. Glorieta West Unit	45	3002520050	560' FS, 660' FW 25-17S-34E	9 5/8	360	350				5 1/2	6798	2500	surface	06-20-63	5983 - 6759 GLRT/BLBR	PROD	6798'
Texaco	Vac. Glorieta West Unit	44	3002520068	710' FS, 660' FE 26-17S-34E	8 5/8	1567	850				5 1/2	6750	1575	762' C	01-20-63	5974 - 6528 GLRT/YESO	SI	6750'
Texaco	Vac. Glorieta West Unit	51W	3002531726	24' FN, 101' FW 36-17S-34E	6 5/8	1550	650				5 1/2	6255	2175	surface	11-10-92	5980 - 6142 POCK	WATER INJ.	6255'
Texaco	Vac. Glorieta West Unit	52W	3002531702	214' FS, 1630' FW 25-17S-34E	8 5/8	1550	850				5 1/2	6285	1875	surface	11-16-92	6002 - 6159 POCK	WATER INJ.	6285'
Texaco	Vac. Glorieta West Unit	56	3002530715	660' FN, 860' FW 36-17S-34E	11 3/4	1555	1300	8 5/8	3000	750	5 1/2	6800	1205	surface	01-17-90	5967 - 6146 GLRT	PROD	6800'
Texaco	Vac. Glorieta West Unit	59	3002530971	990' FN, 1880' FW 36-17S-34E	11 3/4	1550	1200	8 5/8	3000	850	5 1/2	6270	1200	1700' C	04-06-91	5887 - 6242 GLRT/POCK	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

Operator	Lease Name	Well No.	API Number	Location	Surface Casing		Intermediate Casing		Production Casing		Top of Cement	Date Drilled	Record of Completion-- Original	Current Status	Total Depth
					Size(in)	Depth(ft)	Size(in)	Depth(ft)	Size(in)	Depth(ft)	Comment				
Texaco	Vac. Gloria West Unit	64W	3002531704	1484' FN, 204' FW 36-17S-34E	8 5/8	1527	650		5 1/2	8255	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	650		5 1/2	8270	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	850	5 1/2	6250	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	6260	surface	02-17-90	6103 - 6135 GLRT	PROD	6260'
Texaco	Vac. Gloria West Unit	79W	3002531707	2491' FN, 127' FW 36-17S-34E	8 5/8	1535	650		5 1/2	6250	surface	11-14-92	5922 - 6118 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	6255	surface	11-23-92	5902 - 6124 PDC	WATER INJ.	6255'
Texaco	Vac. Gloria West Unit	85	3002520236	2180' FS, 660' FW 36-17S-34E	9 5/8	1520	1665		7	6850	surface	11-30-93	5916 - 6807 GLRT/BLBR	PROD	6850'
Texaco	Vac. Gloria West Unit	86	3002520179	2310' FS, 2310' FW 36-17S-34E	8 5/8	1538	1175		5 1/2	6650	3422' C	07-19-93	5930 - 4760 GLRT/BLBR	PROD	6650'
Texaco	Vac. Gloria West Unit	92W	3002531809	1426' FS, 198' FW 36-17S-34E	8 5/8	1506	650		5 1/2	6241	surface	01-26-93	5932 - 5978 GLRT/PDC	WATER INJ.	6241'
Texaco	Vac. Gloria West Unit	93W	3002531810	1723' FS, 1575' FW 36-17S-34E	11 3/4	1498	869		5 1/2	6266	surface	02-08-93	5982 - 6120 PDC	WATER INJ.	6266'
Texaco	Vac. Gloria West Unit	99	3002529919	990' FS, 990' FW 36-17S-34E	16	415	590	4850	5 1/2	6180	surface	09-11-97	5907 - 5999 GLRT	PROD	6180'
Texaco	Vac. Gloria West Unit	100	3002530476	990' FS, 2310' FW 36-17S-34E	16	425	700	4843	5 1/2	6270	2842' C	05-04-89	6103 - 6132 PDC	PROD	6180'
Texaco	Vac. Gloria West Unit	104W	3002531858	381' FS, 300' FW 36-17S-34E	8 5/8	1500	650		5 1/2	6245	951' C	04-07-93	5944 - 5983 PDC	WATER INJ.	6245'
Texaco	Vac. Gloria West Unit	105W	3002531880	453' FS, 1340' FW 36-17S-34E	11 3/4	1500	840		5 1/2	6231	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	6850	surface	10-09-64	6011 - 6033 GLRT	PROD	6850'
Texaco	Vac. Gloria West Unit	112	3002520515	560' FN, 760' FW 01-18S-34E	13 3/8	1504	1150	958	2 7/8	9473	surface	11-16-63	9938 - 9960 WFMP	SI	12215'
Texaco	Vac. Gloria West Unit	113	3002521107	330' FN, 1880' FE 01-18S-34E	10 3/4	1485	1200	758	4 1/2	6248	3342' M	02-27-65	5962 - 6092 GLRT	PROD	6250'
Texaco	Vac. Gloria West Unit	130	3002520046	519' FS, 1839' FW 36-17S-34E	11 3/4	1550	900	658	2 7/8	6850	surface	02-16-63	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	6750	surface	09-24-63	6424 - 6706 BLBR	PROD	6750'

STATE 35 UNIT

ATTACHMENT VI TO FORM C-106
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 Casing	Date Drilled	Record of Completion— Original	Current Status	Total Depth
					Size (in)	Depth (ft)	Condit (ex)	Size (in)	Depth (ft)	Condit (ex)	Size (in)	Depth (ft)	Condit (ex)					
Texaco	Vac GBSA Unit	29W	3002524313	2630' FN, 1310' FW 02-16S-34E	8 5/8	350	235				5 1/2	4800	200	4038' C	01-14-73	4528 - 4713 GBSA	WATER INJ.	4800'
Texaco	Vac GBSA Unit	30	3002524307	2630' FS, 2630' FW 02-16S-34E	8 5/8	354	300				5 1/2	4800	500	2886' C	01-31-73	4443 - 4740 GBSA	WATER INJ.	4800'
Texaco	Vac GBSA Unit	36	3002502269	1980' FN, 660' FW 02-16S-34E	8 5/8	1680	300				5 1/2	4079	200	3317' C	10-27-40	4079 - 4710 GBSA	PROD	4710'
Texaco	Vac GBSA Unit	37	3002502268	1980' FN, 1980' FW 02-16S-34E	8 5/8	1648	200				5 1/2	4088	200	3326' C	09-29-40	4088 - 4710 GBSA	PROD	4710'
Texaco	Vac GBSA Unit	38	3002502265	1980' FN, 1980' FE 02-16S-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	3002502264	1980' FN, 660' FE 02-16S-34E	8 5/8	1575	300				5 1/2	4090	200	3328' C	08-05-40	4090 - 4710 GBSA	PROD	4710'
Texaco	Vac GBSA Unit	40	3002502252	1980' FN, 660' FW 01-16S-34E	8 5/8	1559	300				5 1/2	4078	200	3314' C	07-12-40	4078 - 4710 GBSA	PROD	4710'
Texaco	Vac GBSA Unit	56	3002502251	660' FN, 1980' FW 01-16S-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	138	3002530754	1980' FN, 2833' FW 02-16S-34E	9 5/8	1550	800				7	5000	1030	surface	03-31-90	4289 - 4738 GBSA	PROD	5000'
Texaco	Vac GBSA Unit	139	3002530755	1980' FN, 1282' FE 02-16S-34E	9 5/8	1570	858				7	5000	1200	surface	03-15-90	4427 - 4808 GBSA	PROD	5000'
Texaco	Vac GBSA Unit	140	3002530756	1980' FN, 10' FE 02-16S-34E	9 5/8	1550	800				7	5000	1125	surface	04-12-90	4199 - 4792 GBSA	PROD	5000'
Texaco	Vac GBSA Unit	141	3002530797	1980' FN, 1309' FW 01-16S-34E	9 5/8	1550	810				7	6004	1100	surface	06-16-90	4258 - 5654 GBSA	PROD	6004'
Texaco	Vac GBSA Unit	44W	3002524362	1330' FN, 1330' FW 02-16S-34E	8 5/8	356	300				5 1/2	4800	500	2886' C	03-19-73	4443 - 4732 GBSA	WATER INJ.	4800'
Texaco	Vac GBSA Unit	45W	3002524363	1310' FN, 2530' FW 02-16S-34E	8 5/8	356	300				4 1/2	4800	400	3277' C	04-09-73	4433 - 4758 SADR	WATER INJ.	4800'
Texaco	Vac GBSA Unit	46W	3002524364	1405' FN, 1230' FE 02-16S-34E	8 5/8	356	300				5 1/2	4800	300	3657' C	03-07-73	4319 - 4687 GBSA	WATER INJ.	4800'
Texaco	Vac GBSA Unit	47W	3002524365	1330' FN, 10' FE 02-16S-34E	8 5/8	355	300				4 1/2	4800	600	2112' C	04-04-73	4361 - 4739 GBSA	WATER INJ.	4800'
Texaco	Vac GBSA Unit	48	3002524372	1330' FN, 1330' FW 01-16S-34E	8 5/8	325	200				5 1/2	4800	500	2886' C	02-08-73	4389 - 4730 SADR	WATER INJ.	4800'
Texaco	Vac GBSA Unit	51	3002502266	660' FN, 660' FW 02-16S-34E	7 5/8	1601	350				5 1/2	4223	200	3481' C	05-29-39	4223 - 4700 GBSA	PROD	4700'
Texaco	Vac GBSA Unit	52	3002502267	660' FN, 1980' FW 02-16S-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) Cmt(ask)	Intermediate Casing Size(in) Depth(ft) Cmt(ask)	Production Casing Size(in) Depth(ft) Cmt(ask)	Top of Cement" C	Date Drilled	Record of Completion— Original Cmt(ask)	Current Status	Total Depth
Texaco	Vac. GBSA Unit	53	3002502262	660' FN, 1940' FE 02-18S-34E	8 5/8 1596 200		5 1/2 4171 250	3218' C	11-06-39	4171 - 4710 GBSA	PROD	4710'
Texaco	Vac. GBSA Unit	54	3002502263	660' FN, 660' FE 02-18S-34E	7 5/8 1554 300		5 1/2 4091 200	3328' 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 4082 250	3130' C	11-07-39	4082 - 4710 GBSA	PROD	4710'
Texaco	Vac. GBSA Unit	60W	3002526282	1320' FN, 40' FW 02-18S-34E	13 3/8 355 400	9 5/8 1650 900	4 1/2 4800 1700	surface	04-25-79	4597 - 4720 SADR	WATER INJ.	4800'
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.	4800'
Texaco	Vac. GBSA Unit	66	3002502226	1980' 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	2610' 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.	4800'
Texaco	Vac. GBSA Unit	146W	3002530846	1324' FN, 1940' FE 02-18S-34E	8 5/8 1570 650		5 1/2 4900 1240	178' C	08-01-83	4363 - 4772 GBSA	WATER INJ.	4900'
Texaco	Vac. GBSA Unit	147W	3002530798	1360' FN, 660' FE 02-18S-34E	8 5/8 1530 650		5 1/2 4900 1400	surface	08-19-83	4306 - 4720 GBSA	WATER INJ.	4900'
Texaco	Vac. GBSA Unit	148W	3002530799	1330' FN, 660' FW 01-18S-34E	9 5/8 1553 1000		7 5000 1050	390' C	06-23-80	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	05-09-90	4414 - 4781 GBSA	PROD	5000'
Texaco	Vac. GBSA Unit	153	3002530802	660' FN, 2630' FW 02-18S-34E	9 5/8 1558 1000		7 5000 1000	608' 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	80' C	06-24-90	4288 - 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 2820 1570	7 5000 900	1048' C	11-08-90	4228 - 4680 GBSA	PROD	5000'
Texaco	West Vacuum Unit	21	3002502203	1980' FN, 660' FE 34-17S-34E	8 5/8 1580 600		5 1/2 4390 275	3343' C	12-14-38	4390 - 4785 GBSA	PROD	4785'
Texaco	West Vacuum Unit	29	3002502201	1980' 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 1617 425	5 1/2 4206 425	2587' 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(s)	Intermediate Casing Size(in) Depth(ft) Cement(s)	Production Casing Size(in) Depth(ft) Cement(s)	Top of Cement -	Date Drilled	Record of Completion Original Current	Current Status	Total Depth
Texaco	West Vacuum Unit	46	3002502282	660' FN, 660' FE 03-18S-34E	7 5/8 1585 450		5 1/2 4233 200	3471' C	04-23-39	4233 - 4700 GBSA	PROD	4700'
Texaco	West Vacuum Unit	49	3002502285	1980' FN, 660' FE 03-18S-34E	8 5/8 1620 1000		5 1/2 4348 500	2444' C	09-19-51	4348 - 4710 GBSA	PROD	4710'
Texaco	West Vacuum Unit	55W	3002528116	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 - 4660 GBSA	WATER INJ	4800'
Texaco	St. Z' NCT-1	5	3002502270	660' FN, 1880' FW 02-18S-34E	13 3/8 322 350		8 5/8 4957 900	2128' C	09-04-81	Dry & Aband.	P&A **	9500'
Texaco	St. of NM 'O' NCT-1	11	3002503382	1980' FN, 1780' FW 36-17S-34E	13 3/8 350 350	9 5/8 4800 1600	4 1/2 12154 2300 2 3/8 11200 total for 2 3/8 10317 3 strands	surface	03-30-83	11162 - 12111 DVNN	PROD	12155'
Texaco	St. of NM 'O' NCT-1	17	3002502125	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 strands	surface	06-22-83	10130 - 10140 9341 - 10029 PSLV 11980 - 11990 DVNN	SI	12082'
Texaco	St. of NM 'O' NCT-1	19	3002502023	1980' FN, 2179' FW 36-17S-34E	11 3/4 1549 1100		2 7/8 6849 1400 2 7/8 6845 total	surface	10-19-83	5980 - 6790 GLRT/BLBR	P&A **	6850'
Texaco	St. of NM 'O' NCT-1	20	3002502111	1980' FN, 467' FW 36-17S-34E	11 3/4 1548 1000		2 7/8 6784 1800 2 7/8 6825 total	2365' M	09-11-83	5960 - 6728 GLRT/BLBR	SI	6825'
Texaco	St. 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	2845' M	12-10-83	5929 - 6774 GLRT/BLBR	P&A **	6784'
Texaco	St. of NM 'O' NCT-1	36	3002532339	330' FS, 2210' FW 36-17S-34E	8 5/8 1470 650		5 1/2 8100 1375	2863' C	03-20-94	7498 - 7762 DRKD	SI	8100'
Texaco	St. BA	5	3002502229	660' FN, 560' FW 36-17S-34E	9 5/8 1533 645		2 7/8 6709 1185 2 7/8 6710 total	1875' M	06-08-83	5842 - 6650 GLRT/BLBR	P&A **	8710'
Texaco	St. BA	6	3002520057	660' FN, 860' FW 36-17S-34E	13 3/8 421 400	9 5/8 4835 2000	7 12109 850	5675' M	09-30-83	10121 - 10134 9070 - 10016 PSLV 12036 - 12060 DVNN	PROD	12110'
Texaco	St. of NM 'R' NCT-2	5	3002521424	330' FN, 1650' FE 02-18S-34E	10 3/4 1550 800		2 7/8 6248 1200	2650' M	05-13-85	5020 - 5946 6052 - 6182 SAOR GLRT	P&A **	6248'
Texaco	NM 'Z' State 'TN'	1	3002529888	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	3002520940	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% safety factor

** See Diagram for plugging detail

ATTACHMENT VI
P&A'd WELLS

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

0.0 - 300.0' CEMENT PLUG W/ 47 sx

0.0 - 300.0' 10.75" OD SURF CSG

0.0 - 300.0' CEMENT 225 sx

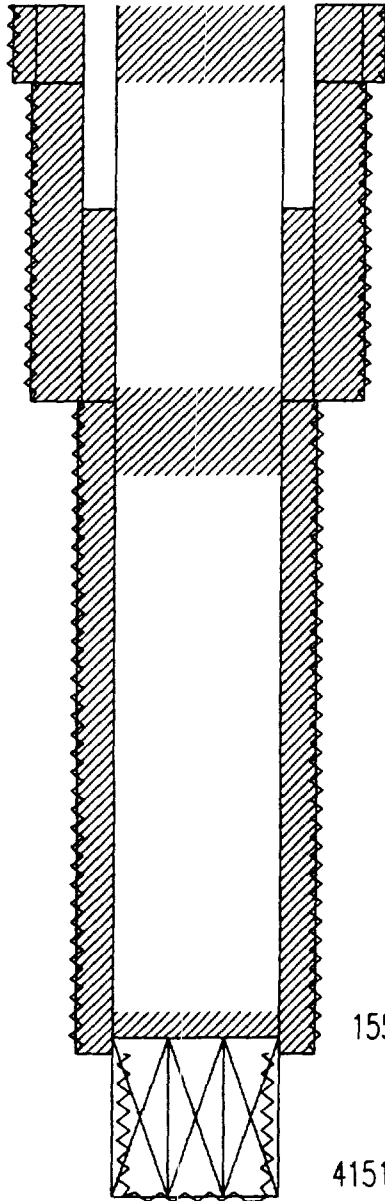
0.0 - 1554.0' 7.625" OD INT CSG

0.0 - 1554.0' CEMENT 425 sx

3987.0 - 4088.0' CEMENT PLUG W/ 10 sx

0.0 - 4151.0' 5.5" OD PROD CSG
793.0 - 4151.0' CEMENT 425 sx

4088.0 - 4715.0' RETAINER W/ 72 sx



0.0 - 300.0' 12.25 " OD HOLE

300.0 - 1554.0' 11" OD HOLE

1500.0 - 1850.0' CEMENT PLUG W/ 35 sx

1980 FNL & 1980 FWL
SEC 35 , TWN 17 S, RANGE 34 E
COMPLETION DATE: 02-08-39
COMPLETION INTERVAL: 4151 - 4715

1554.0 - 4151.0' 7.875" OD HOLE

4151.0 - 4715.0' 4.75" OD HOLE

TD: 4715'

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. 30-025-02216

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.)

7. Lease Name or Unit Agreement Name

State H-35

8. Well No.

4

9. Pool name or Wildcat
Vacuum G-SA

1. Type of Well:

OIL

WELL ☒

GAS

WELL ☐

OTHER

2. Name of Operator

CONOCO INC.

3. Address of Operator

10 Deste 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 ☐

PULL 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 rtrn @ 4088'. Pump 72'x5s Class C neat cmt. Sting out of cmt rtrn. Spot 10'x5s cmt 3987'-4088'. Displ w/23 bbls 9.5 ppg mud. PUH to 3985'. Circ hole w/84 bbls mud. PUH to 1850'. Load hole w/mud. Spot 35'x5s 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'x5s 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

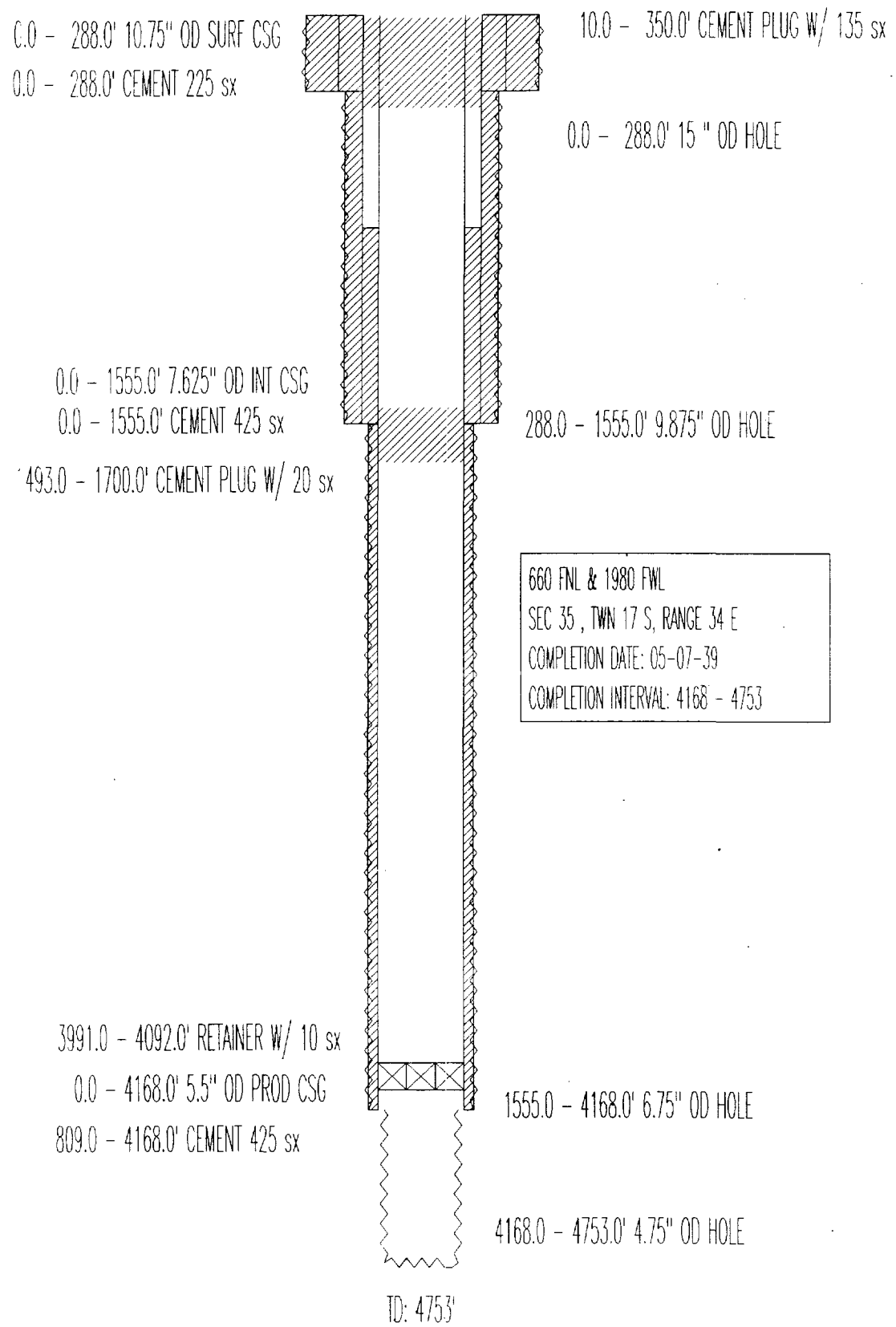
TYPE OR PRINT NAME Deal O. Yarbrough TELEPHONE NO. 9156865583

(This space for State Use)

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

CONDITIONS OF APPROVAL, IF ANY:

PHILLIPS PETROLEUM
H-35 #6
API# 3002502218



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

DISTRICT II
P.O. Denver 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
7. Lease Name or Unit Agreement Name	
State H-35	
8. Well No.	6
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 1 sec. C 660 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 ☐
PULL 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 rtnr. Pump 15 bbls wtr. Sting out of rtnr. Spot cmt. Sting back into cmt rtnr. Pump cmt. Sting out of rtnr & 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

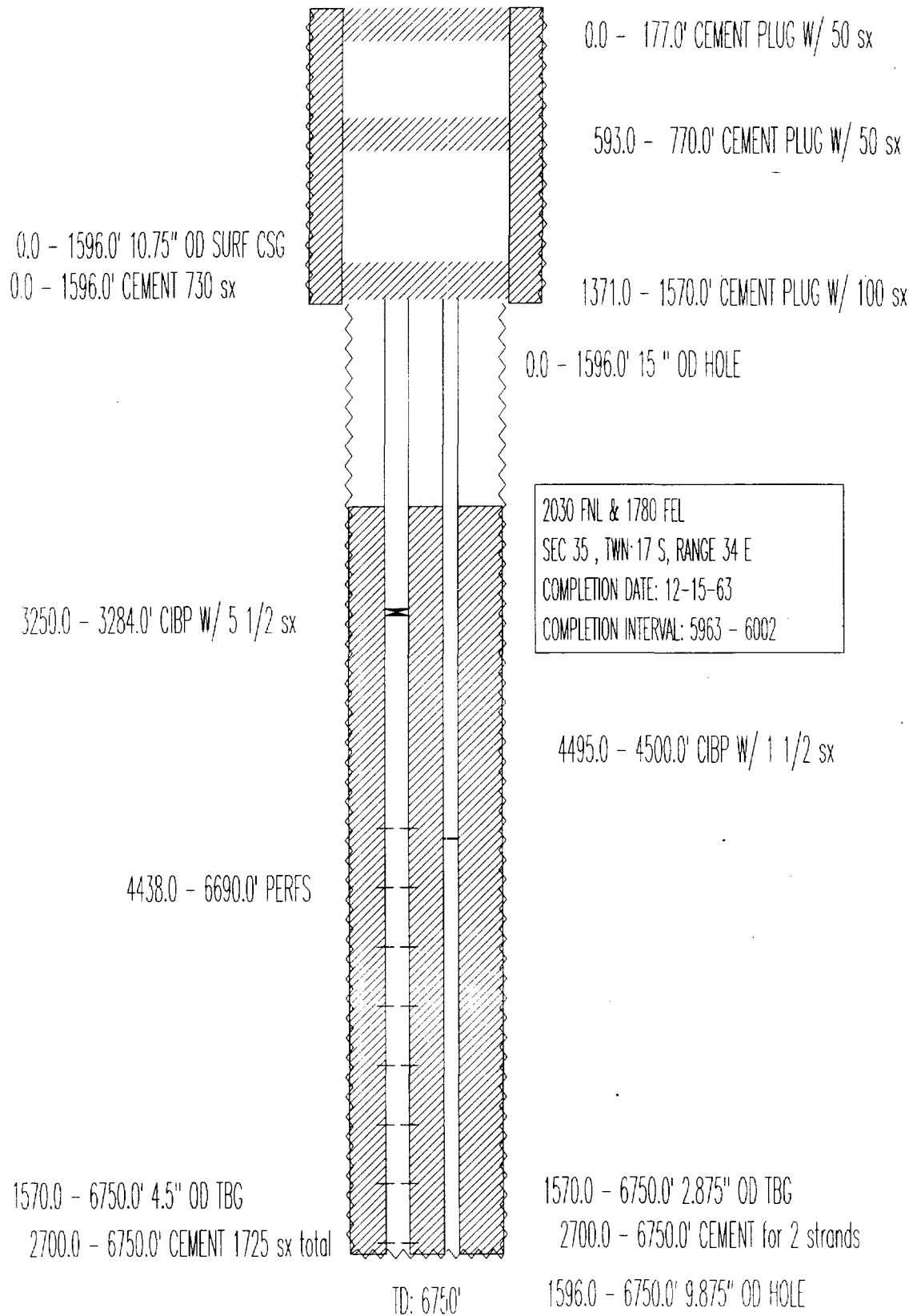
(This space for State Use)

APPROVED BY Terry W. Hill OIL & GAS INSPECTOR
CONDITIONS OF APPROVAL, IF ANY: NOV 05 1991

PHILLIPS PETROLIUM

H-35 #10

API# 3002520664



Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Eng. 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. <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:	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.

MIRU. G1H w/ 4 1/2" prod csy f cut 2 3/4" Hg at 3284'. POOH. Run csy scraper to 3284'. POOH. G1H f set CIBP at 3284'. Dump bailed 5 1/2" sx. Cement on top of plug. G1H w/ csy f set CIBP at 4500'. Dump bailed 1 1/2" sx cement on top of plug. POOH. G1H w/ 2 1/4" csy sand cut at 1575'. POOH f land 2 7/8" csy. G1H w/ 4 1/2" csy f cut at 1570'. POOH f land 4 1/2" csy. G1H w/ 10 3/4" csy scraper. Stop at 124'. POOH. G1H w/ DE Hg. Stop at 124'. POOH. RU pour swirl f G1H w/ 6 1/4" set f collar. Cleanout to 1570'. POOH G1H w/ 2 1/4" Hg. Circ hole w/ 11. ppg mud. Spot 100 sxs class "C" cement at 1570'. S. 50 sxs cement at 770'. Spot 50 sxs cement at surface. Rig down. Cut surface csy. Landed on PCH marker on 11/24/89.

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, 1989

TYPE OR PRINT NAME D. F. FANNY TELEPHONE NO. (505) 397-5

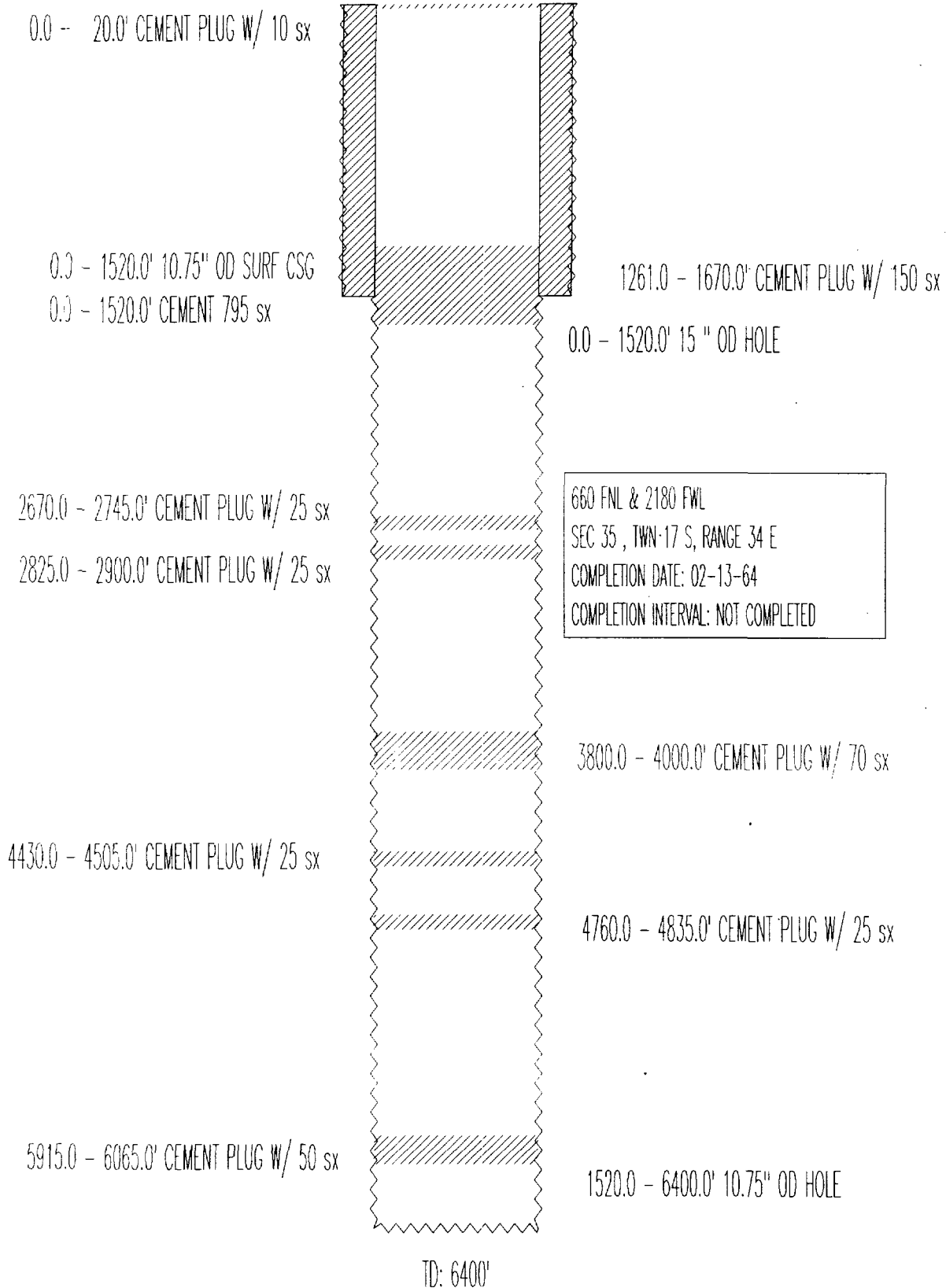
(This space for State Use)

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

CONDITIONS OF APPROVAL, IF ANY:

main 10-11010(3) file

HILLTOP PETROLEUM
H-35 #11
API# 3002520497



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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Superseded
C-102 and C-103
Effective 1-1-65

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 RE-OPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE APPLICATION FOR PERMIT TO DRILL (FORM C-101) FOR SUCH PROPOSALS.

1. ☒ OIL WELL ☐ GAS WELL ☐ OTHER	7. Unit Agreement Name
2. Name of Operator <u>CONOCO INC.</u>	8. Farm or Lease Name <u>State H-35</u>
3. Address of Operator <u>P. O. Box 460, Hobbs, N.M. 88240</u>	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 Glorietta B.</u>
15. Elevation (Show whether DF, RT, CR, etc.)	12. County <u>Lea</u>

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 ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPS. ☐	PLUG AND ABANDONMENT ☐
PULL 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 p. 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.

SIGNED <u>John A. P. [Signature]</u>	TITLE <u>Administrative Supervisor</u>	DATE <u>12-30-8</u>
APPROVED <u>[Signature]</u>	TITLE <u>OIL & GAS INSPECTOR</u>	DATE <u>MAR 21 198</u>
CONDITIONS OF APPROVAL, IF ANY:		

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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-85

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	7. Unit Agreement Name
2. Name of Operator CONOCO INC.	8. Farm or Lease Name State H-35
3. Address of Operator P. O. Box 460, Hobbs, N.M. 88240	9. Well No. 11
4. Location of Well UNIT LETTER C 660 FEET FROM THE North LINE AND 2180 FEET FROM THE West LINE, SECTION 35 TOWNSHIP 17S RANGE 34E N.M.P.M.	10. Field and Pool, or Wildcat Vacuum Glorieta Blines
15. 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 ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOBS ☐	
OTHER Re-plug			

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	10sx	
1530'	50sx	Base of pipe
2670'	25sx	Base Salt
2825'	25sx	Top Yates
3800'	70sx	Cover Queen
4430'	25sx	Top San Andres
4760'	25sx	Base San Andres
5915'	50sx	Glorieta

Proposed Procedure

GIH 11 1/2" bit & drill out cmt plugs @ surface and @ 1530'. Run bit to 1650'. POOH w/ bit. Spot 100sx class 'C' cmt w/ 2% CaCl₂ from 1644' - 1396'. Spot additional 10sx 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 **W. A. Butterfield** TITLE **Administrative Supervisor** DATE **12-6-82**

ORIGINAL SIGNED BY **JERRY SEXTON** TITLE DATE **DEC 8 1982**
APPROVED BY **JERRY SEXTON** TITLE DATE
CONDITIONS OF **DISTRICT SUPR.**

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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 1706) FEB 19 1964

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 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.

Approved 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

NEW MEXICO OIL CONSERVATION COMMISSION	
Form C-101	Oil Well Record
Well No.	
County	
Section	
Township	
Range	
Acres	
Operator	

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico
APR 20 1964

WELL RECORD

1	2	3	4	5	6	7	8	9	10

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 **QUINTUPPLICATE** If State Land submit 5 Copies

AREA ONE ACRES
LOCATE WELL CORRESPONDENT

Continental Oil Company
(Company or Operator)

State H-35
(Land)

Well No. **11** in **NE** $\frac{1}{4}$ of **NW** $\frac{1}{4}$ of Sec. **35**, T. **17S**, R. **34E**, N.M.P.M.
Vacuum Glorieta Co., **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**, 19 **64** Drilling was Completed **2-9**, 19 **64**

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**, 19 **64**

OIL SANDS OR SONES

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

IMPORTANT WATER SANDS

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

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

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SUE	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	NO. BAGS OF CEMENT	MIXTURE USED	MUD GRAVITY	AMOUNT OF MUD USED
15"	10 3/4	1,520	795	Pump & Plug		

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qm. or Gals. used, interval treated or shot.)

TA 6400
This well was scheduled to be a Glorieta and Blinbry dual. However, testing of the Blinbry formation in the State H-35 No. 10 indicated the Blinbry was not commercial. Therefore, the State H-35 No. 11 was not drilled to the Blinbry. 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, BWT tools and jars were left in the hole. The well was plugged & abandoned by spotting the following cement plugs: 50 ex. at 5915, 25 ex. at 4760, 25 ex. at 4430, 70 ex. at 3880, 25 ex. at 2825, 25 ex. at 2670, 50 ex. at 1530 and 10 ex. at surface. Erected marker and cleaned location.

Depth Checked Out

MMCC (5) SLO ABS

HILL ST LITVOLLUM
H-35 #13
API# 3002521898

0.0 - 10.0' 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

2455.0 - 2680.0' CEMENT PLUG W/ 50 sx

2820.0 - 2970.0' CEMENT PLUG W/ 50 sx

5835.0 - 6033.0' CEMENT PLUG W/ 50 sx

TD: 6033'

1112.0 - 1480.0' CEMENT PLUG

1480.0 - 1480.0' RETAINER W/

0.0 - 1525.0' 12.25" OD HOLE

990 FNL & 1650 FEL

SEC 35, T2N-17 S, RANGE 34 E

COMPLETION DATE: 12-31-66

COMPLETION INTERVAL: NOT COMPLETED

4360.0 - 4800.0' CEMENT PLUG W/ 150 sx

1525.0 - 6033.0' 7.875" OD HOLE

15

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OPERATOR		

NEW MEXICO OIL CONSERVATION COMMISSION
JAN 23 9 55 AM '67

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

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	5a. Indicate Type of Lease State ☒ Fee ☐
2. Name of Operator Continental Oil Company	5. State Oil & Gas Lease No. B-3196
3. Address of Operator P. O. Box 460, Hobbs, New Mexico	7. Unit Agreement Name
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.	8. Farm or Lease Name State H-35
	9. Well No. 13
	10. Field and Pool, or Wildcat Vacuum Glorieta
15. Elevation (Show whether DF, RT, GR, 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 ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOB ☐	

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.

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

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)

18. 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

APPROVED BY *John W. Ryan*
CONDITION OF APPROVAL, IF ANY:

TITLE DATE

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LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

JAN 23 9 55 AM '67

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.	

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:

PERFORM REMEDIAL WORK	☐
TEMPORARILY ABANDON	☐
PULL OR ALTER CASING	☐
OTHER	☐

PLUG AND ABANDON	☐
CHANGE PLANS	☐
OTHER	☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK	☐
COMMENCE DRILLING OPS.	☐
CASING TEST AND CEMENT JOBS	☐
OTHER	☐
ALTERING CASING	☐
PLUG AND ABANDONMENT	☐

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 1709.

(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#. Circulated 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 completed 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

JNED

TITLE Assistant District Manager

DATE January 20, 1967

APPROVED BY

John W. Runyan

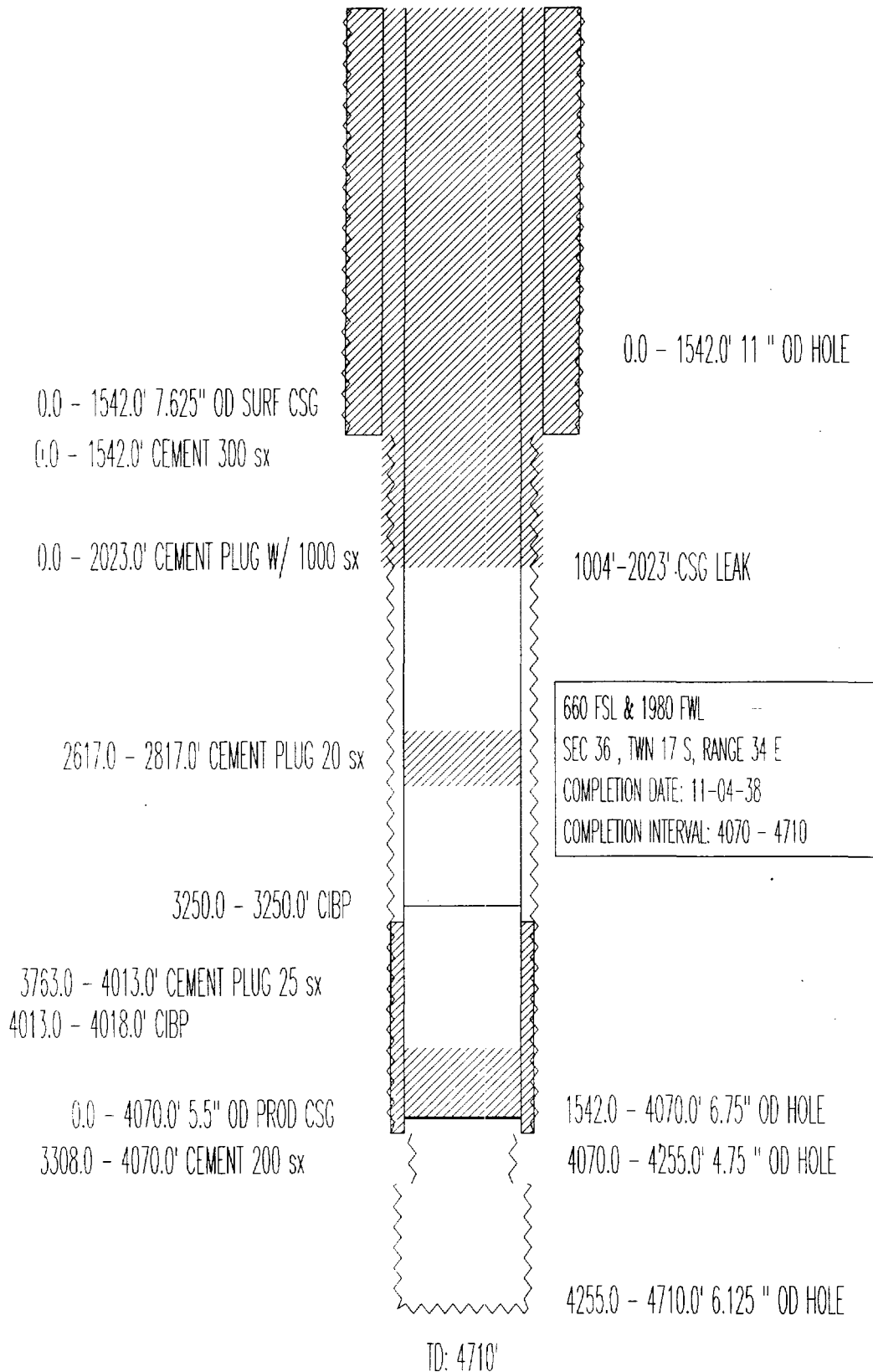
TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

HMCC-5, FILE

TEAROUT LOG
CVU #91
API# 3002502243



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. 30-025-02243
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

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:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK ☐	REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐	ALTERING CASING ☐
ALL 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.

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

(This space for State Use)

APPROVED BY [Signature] TITLE OIL & GAS INSPECTION DATE OCT 04 1991
CONDITIONS OF APPROVAL, IF ANY:

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

NO. OF WELLS	
DISTRICT	
LOCALITY	
U.S.G.S.	
LAND OFFICE	
OPERATION	

OIL CONSERVATION DIVISION

P. O. BOX 8065
SANTA FE, NEW MEXICO 87501

Form O-101
Revised 11

1. Interest Type of Lease	
2. Lease No. & Case Lease No.	B-155

SUNDARY NOTICES AND REPORTS ON WELLS

DO NOT USE THIS FORM FOR REPORTS TO BE MADE TO THE STATE OF NEW MEXICO BY THE OPERATOR OF A WELL.

1. On Well ☒ Off Well ☐ Other ☐	7. Unit Approval Name Central Vacuum Unit
2. Name of Operator Texaco Prod. Inc.	8. Name of Lease Holder
3. Address of Operator P.O. Box 728 Hobbs, NM 88240	9. Well No. 91
4. Location of Well N 660 feet from the South line and 1980 feet from the West line, section 36 township 17.5 range 34 E	10. Field and Pool or Wellhead Vacuum Crystalline San Andres
11. Elevation (Show whether SF, RT, CR, etc.) 3991' 68'	12. County Lea

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

DESIGN OF WELLS ☐	PLUG AND ABANDON ☐	REPAIRS ☐	ALTERING CASING ☐
TEMPORARY ABANDON ☐	CHANGE PLANS ☐	COMPLETION REPAIRS ☐	WELL AND ABANDONMENT ☐
WELL OR ALTER CASING ☐		CASING TEST AND CEMENT JOBS ☐	
OTHER ☐		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 project) SEE RULE 102.

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 szs cement on top. PBTB = 3748'.
4. TTH w/ 3 1/2" Elder Model T tension PKR on 2 3/8" thg. 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 thg pressure is 1150 psi (1-30-87).

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

Signature: Horace L. Smith
A. Gernandt

3991-4091
Area Superintendent

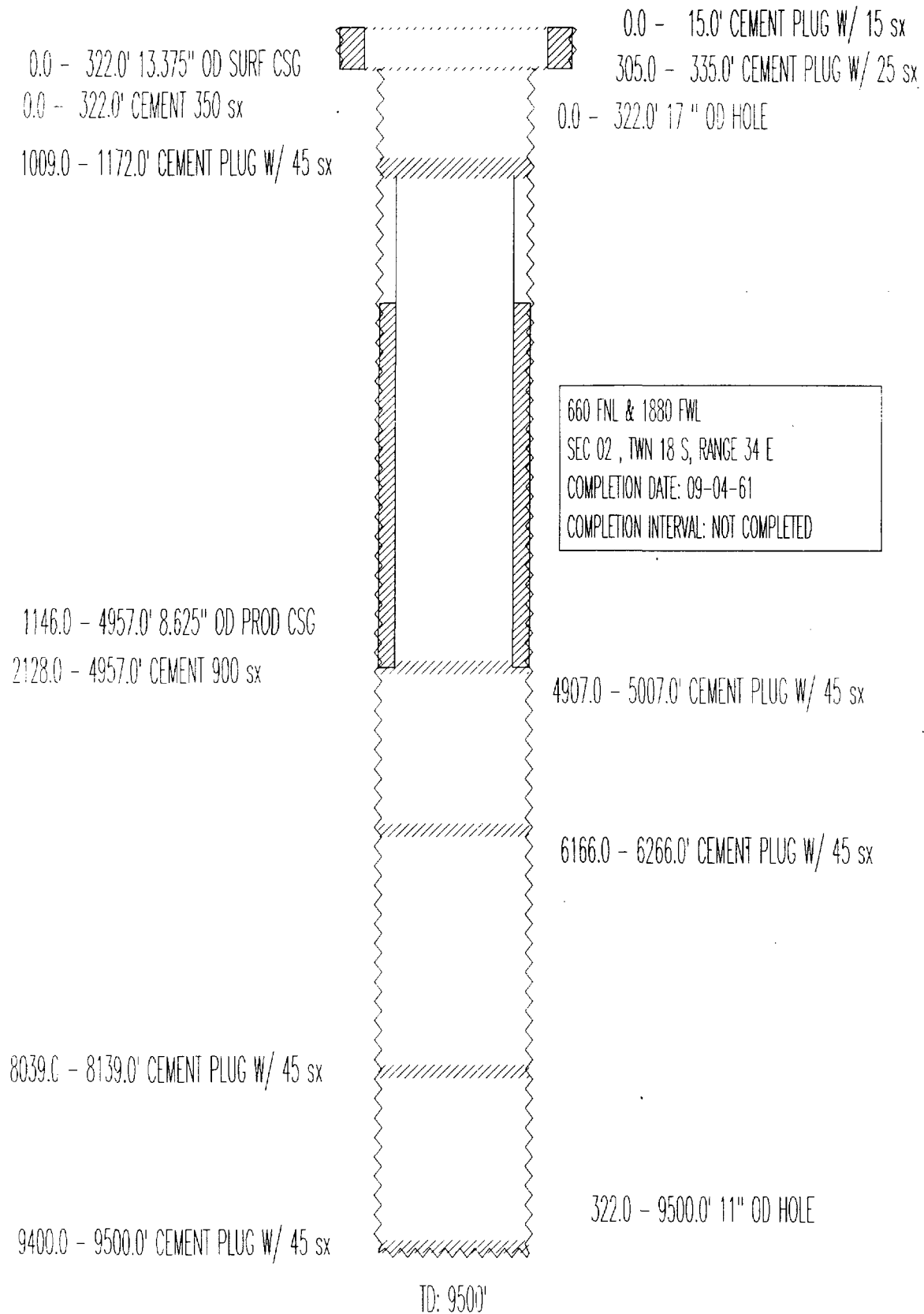
DATE: 2-18-87

FAX NO. 15053930720

OCD HOBBS

9:31 AM

ILAWCO L&P INC.
ST. Z NCT-1 #5
API# 3002502270



MISCELLANEOUS REPORTS ON WELLS

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

Name of Company TEXACO Inc.		Address P. 1061 SEP 13 PM 2:03 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.

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

8 3/8 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

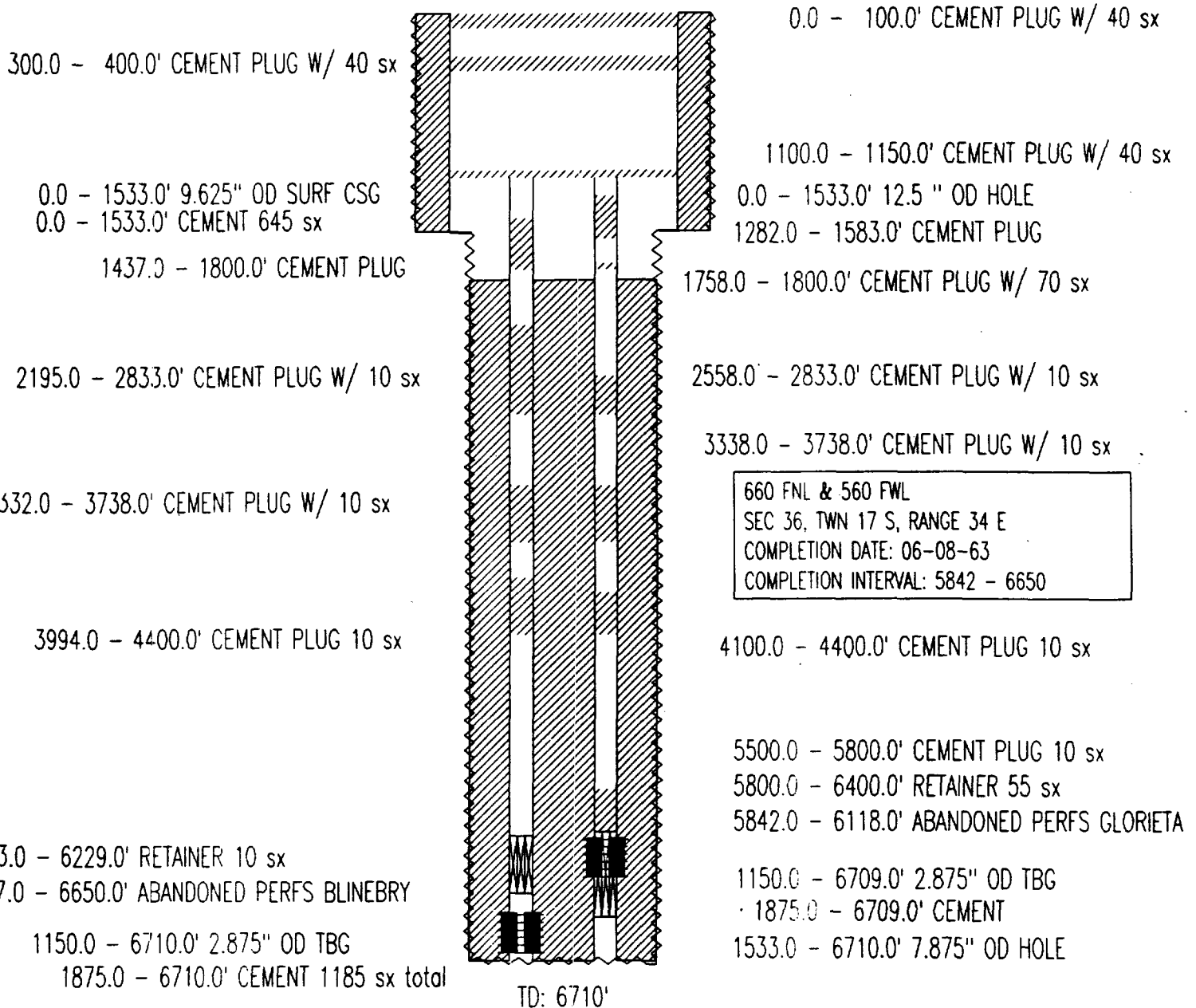
Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						

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. Elevins, Jr.</i>
Title	Position Assistant District Superintendent
Date	Company TEXACO Inc.

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



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

District Office
P.O. Box 1980, Hobbs, NM 88240

District II
P.O. Drawer DD, Azusa, NM 88210

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

WELL API NO. 30-025-20229	
1. 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	

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 ESP Inc.	
3. Address of Operator PO Box 730; Hobbs, New Mexico 88240	
4. Well Location Unit Later D : 980 Feet From The North Line and 560 Feet From The West Line Section 36 Township 17S Range 34E NMPM Lea County	
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: 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.

12/27/95: Notify OCD of intent to plug
 12/28/95: 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 csg 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 ho
 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 2833-2487. 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.
 ing back into ret Press up on back side. Held 1500 PSI for 30 min Csg good. Shut down. 1/9: Y side mix & pump 55 sx Cla
 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:
 sx & pump 10 sx C1 C cmt 3738-3338. 1/9: Mix and pump 10 sx C1 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.

Continued on back

SIGNATURE [Signature] TITLE P&A Supervisor DATE 1/19/96

TYPE OF FILE NAME _____ TELEPHONE NO. _____

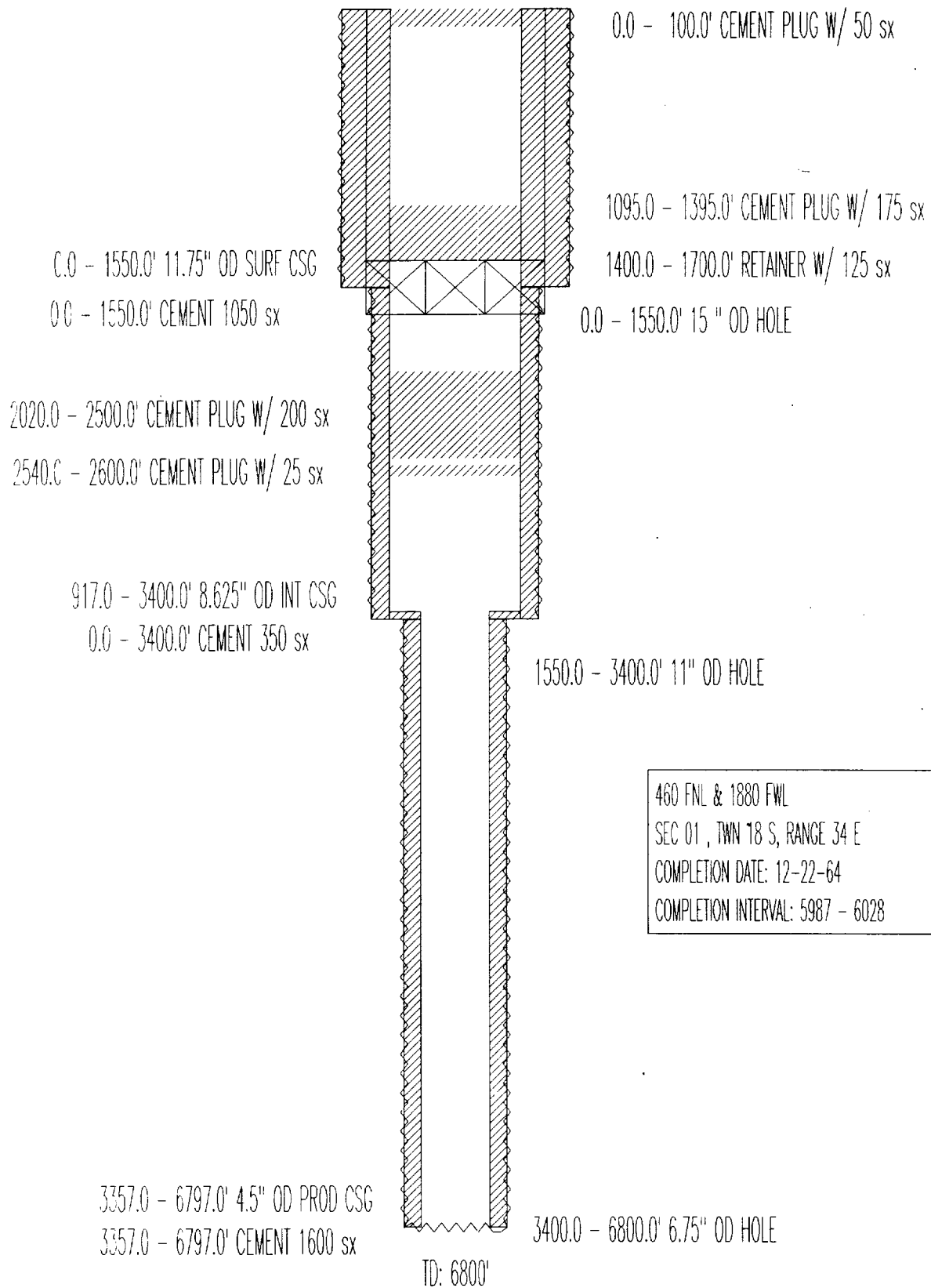
(This space for notes)

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 then in hole. 1/11: Mix and pump 70 sx Class C cmt in hole: flow back cmt 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 Sqr 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 cmt 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 - 2bbls/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. RIN w/ 2 1/16 on x side tag up at 1189' POOH RIN 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. F1 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.

LEWIS LUT. INC.
NM 'M' ST #6
API# 3002520940



460 FNL & 1880 FWL
SEC 01, TWN 18 S, RANGE 34 E
COMPLETION DATE: 12-22-64
COMPLETION INTERVAL: 5987 - 6028

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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 "H"** 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 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 **Leslie A. Clements**

Name **W. E. Morgan**

Title **Assistant District Superintendent**

Date **TEXACO Inc.**

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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CONSERVATION DIVISION
P. O. BOX 2080
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-

3a. Indicate Type of Lease
State ☒ Fee ☐
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 ☐
Name of Operator
TEXACO Inc.
Address of Operator
Drawer 728, Hobbs, New Mexico 88240
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.

7. Unit Agreement Name
8. Farm or Lease Name
N.M. "M" State
9. Well No.
6
10. Field and Pool, or Name of
Vacuum Glorieta a Blinberry
12. County
Lea

15. Elevation (Show whether DF, RT, GR, etc.)
4006' (DF)

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

PERFORM REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐
PULL OR ALTER CASING ☐
OTHER ☐

PLUG AND ABANDON ☐
CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐
COMMENCE DRILLING OPS. ☐
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. Schuff*

TITLE Ass't. Dist. Supt.

DATE 10-23-80

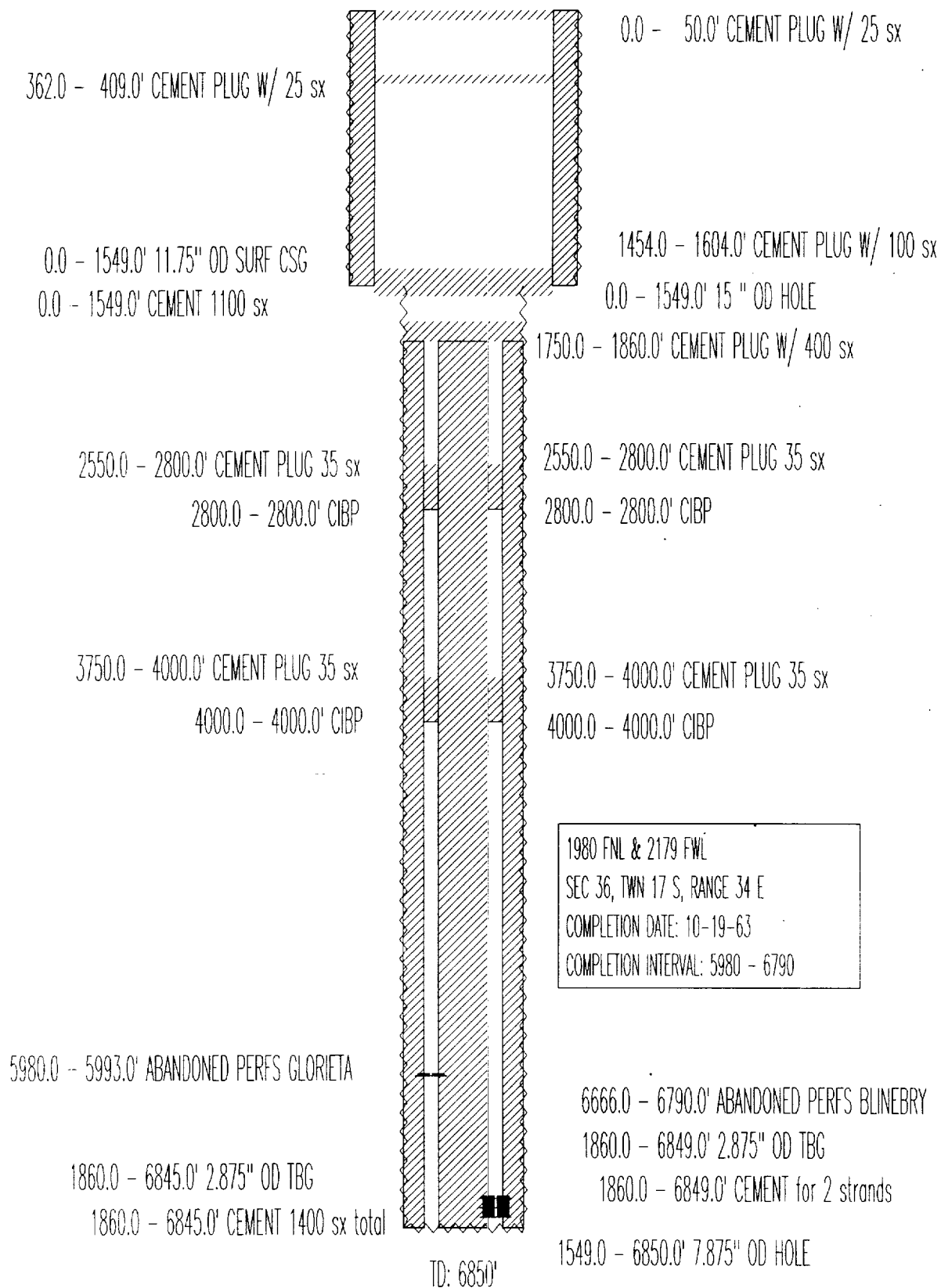
APPROVED BY *A. H. Stettin*

TITLE OIL & GAS INSPECTOR

DATE JUN 22 1981

CONDITIONS OF APPROVAL, IF ANY:

FLANCO LUT INC.
 NM "O" ST.NCT-1 #19
 API# 3002520203



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

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 ☐	7. Lease Name or Unit Agreement Name New Mexico "0" State NCT-1
2. Name of Operator Texaco Exploration and Production Inc.	8. Well No. 19
3. Address of Operator P.O. Box 730 Hobbs, New Mexico	9. Pool name or Wildcat Vacuum Glorieta
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 & nipples 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.

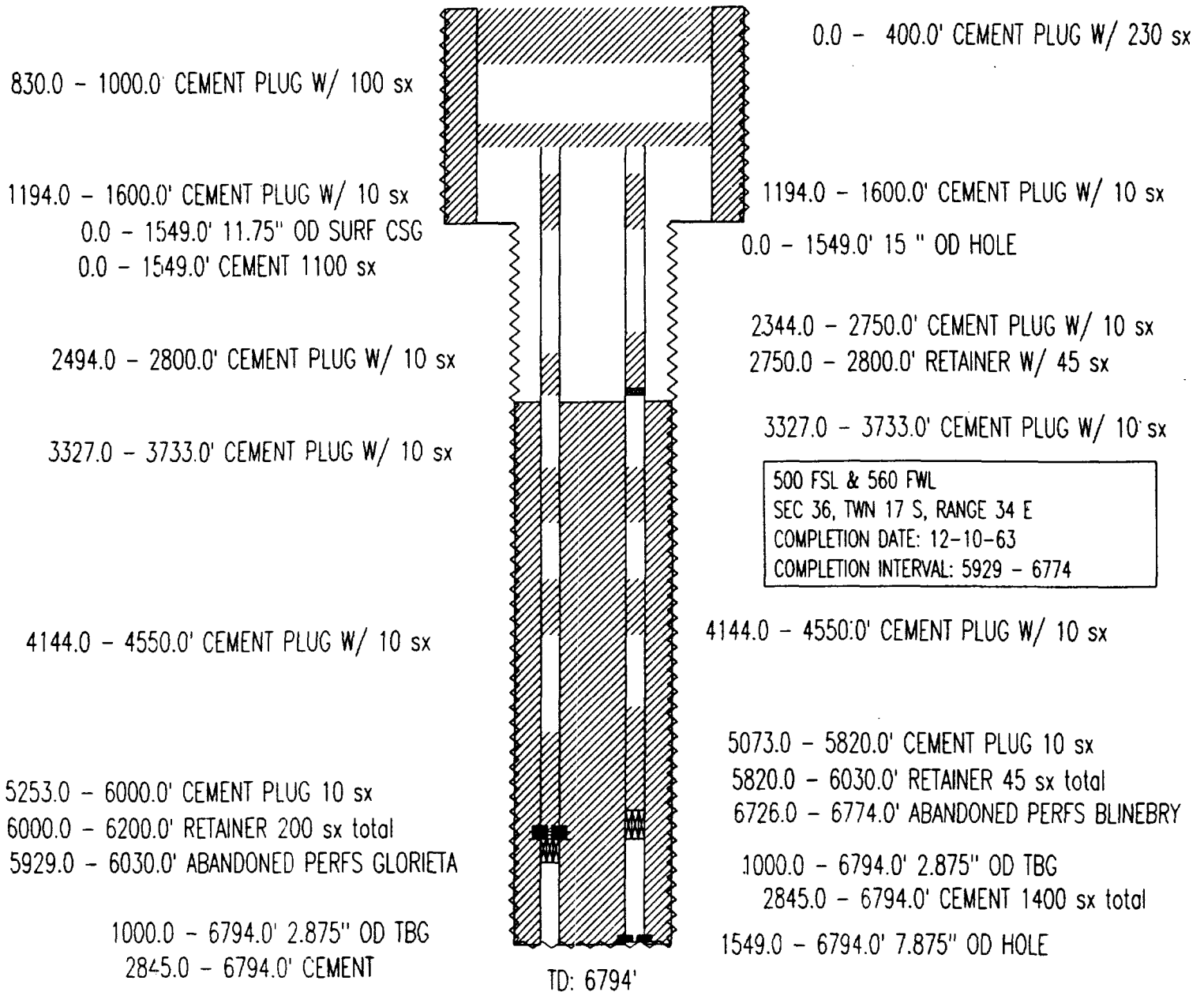
SIGNATURE M. C. Dumas TITLE Engineer's Assistant DATE 12-30-91
TYPE OR PRINT NAME TELEPHONE NO. 393-7191

(This space for State Use)

APPROVED BY Lyle F. Turner TITLE OIL & GAS INSPECTOR DATE JAN 27 '92
CONDITIONS OF APPROVAL, IF ANY:

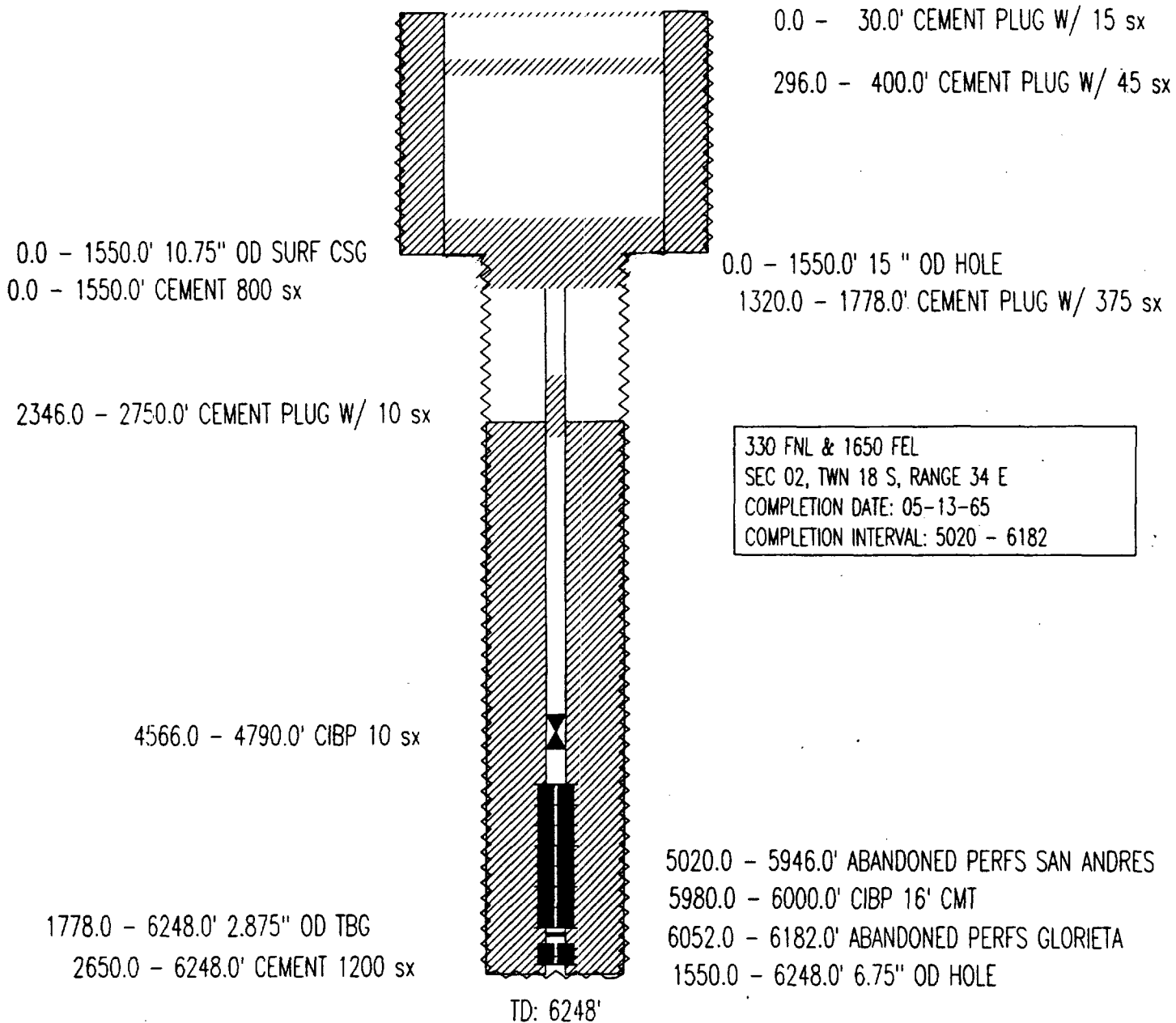
- 150
150
100
100
25
20 ft from
1484 - 1860
7. Cut csg in West string @ freepoint (1860'), loaded hole w/salt gel mud.
 8. Established circ, spt 150 sxs Class C cmt, WOC, tagged plug @ 1814'. Spt 150 sxs Class C cmt, WOC, tagged plug @ 1774'. Pulled up off plug, spt 100 sxs Class C cmt, WOC, tagged plug @ 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



Tag Cat in 11 3/4 830' POOH to 400' Circulate 11 3/4 Pipe to Surf w/ 230 sq CL C Cat RD save off
1 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



OIL CONSERVATION DIVISION

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

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

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

DISTRICT III
P.O. Box 7410, Aztec, NM 87410

WELL API NO.

3002521424

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

B-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 B : 330 Feet From The North Line and 1650 Feet From The East Line

Section 2

Township 18S

Range 34E

NMPM

Lea

County

10. Elevation (Show whether DF, RCB, 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 ☒

PLUG 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.

1. 3-9-95 Notify NMOCD of intent to plug & abandon well.
2. 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. 3-10-95 Cap CIBP @ 4790 w/10sx cmt. cal TOC 4566'.
4. 3-13-95 Jet cut csg. 2700'. pipe not free.
5. 3-14-95 Spot 10sx cmt. @ 2750' displace to 2346' talk to NMOCD Paul Kaute.
6. 3-14-95 Jet cut csg. @ 1778. Spot 125sx cmt. plug @ 1778' WOC & tag 3-15-95 no cmt.
7. 3-15-95 Spot 125sx cmt. plug @ 1778' WOC 4 hr. Tag @ 1708'.
8. 3-15-95 Spot 125sx cmt. plug @ 1708' WOC & tag 3-16-95 @ 1320'.
9. 3-16-95 Spot 45sx cmt. plug @ 400'. Cal TOC 296'.
10. 3-16-95 Spot 15sx cmt. plug @ 30-surface.
11. 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

OIL & GAS INSPECTOR

MAY 16 1995

BY [Signature] TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

[Handwritten initials]

**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 5,000 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**

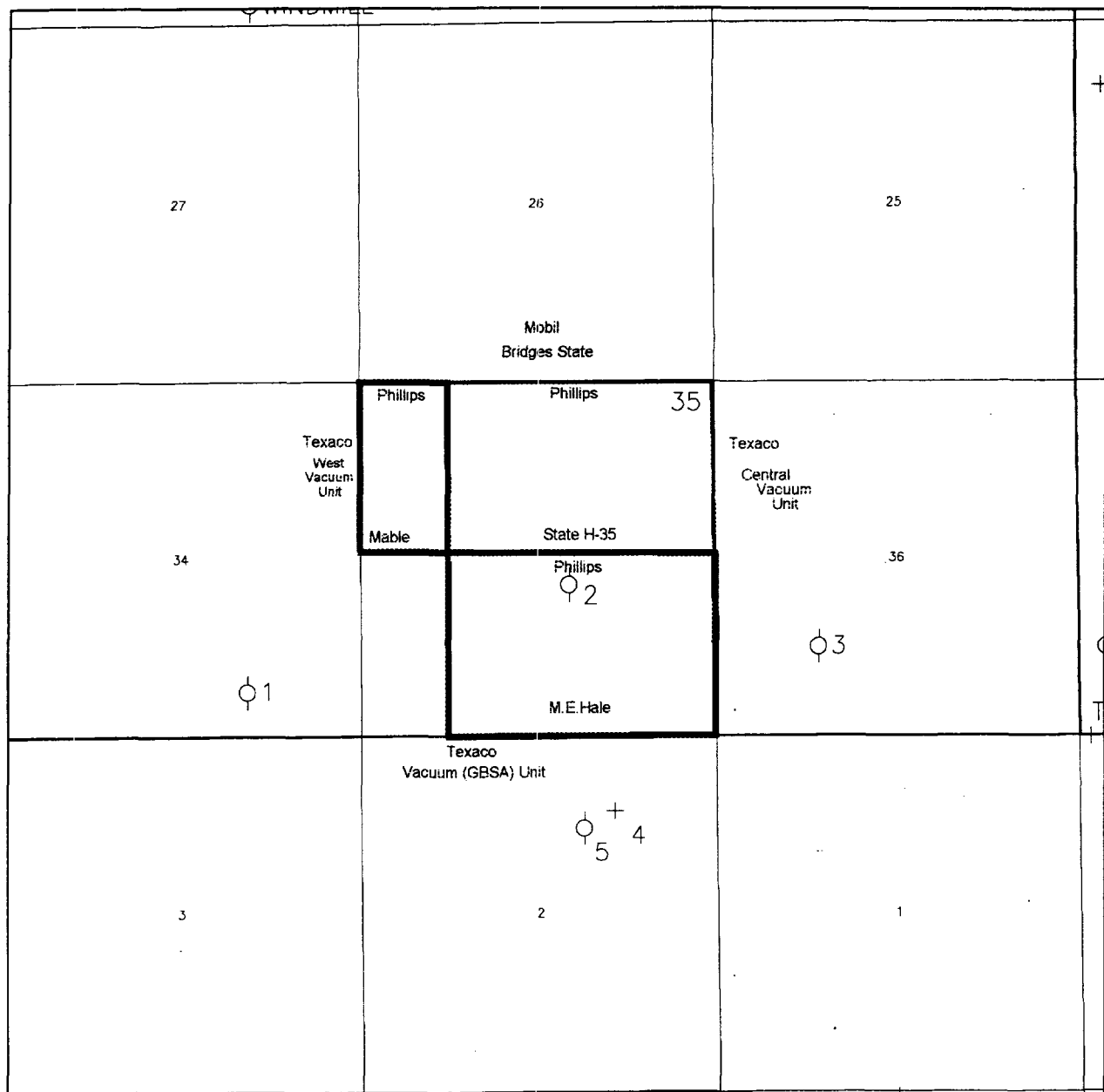
**PROPOSED INJECTION WELL
LOGGING AND TEST DATA**

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.



LEGEND

- 1 -- New Mexico Potash Corp. #5
- 2 -- Phillips Hale Mable Supply #2
- 3 -- New Mexico Potash Corp. #1
- 4 -- Vac. Grayburg San Andres #2
- 5 -- Vac. Grayburg San Andres #1



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



Phillips Petroleum

Proposed State 35 Unit
Fresh Water Well Locations
Lea County, New Mexico

MMET	3-Apr-98
Drat: L. J. Strensz	Scale 1:12,000

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	(HCO ₃ -):	
Carbonate	(CO ₃ --):	
Hydroxide	(OH-):	0
Sulfate	(SO ₄ --):	38
Chloride	(Cl-):	100

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

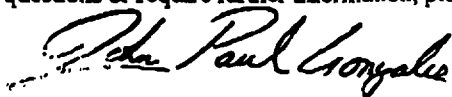
Scale Index (positive value indicates scale tendency) a blank indicates some tests were not run

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

UNICHEM

A 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,

John Paul Gonzalez

cc: Jay Brown

Joc 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

A 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
86F 30.0C
104F 40.0C
122F 50.0C
140F 60.0C
168F 70.0C
176F 80.0C

CaCO3 SI

CaSO4 SI

Comments :

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

Sincerely,



Laboratory Technician

cc: Jay Brown
Joe Hay

UNICHEM

A 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,



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

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.

1. ☐ Addressee's Address

2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
Marathon Oil Company
P.O. Box 532
Midland, Texas
79702

4a. Article Number
Z 017 100 539

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

7. Date of Delivery
APR - 8 1998

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

9. Signature (Addressee)

10. Signature (Agent)
[Signature]

PS Form 3811, December 1991 * U.S.G.P.O. : 1992-307-530 DOMESTIC RETURN RECEIPT

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.

1. ☐ Addressee's Address

2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
Lepaco Exploration & Production, Inc.
P.O. Box 3109
Midland, Texas
79702
Attn: Frank Gray

4a. Article Number
Z 017 100 541

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

7. Date of Delivery
APR - 8 1998

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

9. Signature (Addressee)

10. Signature (Agent)
[Signature]

PS Form 3811, December 1991 * U.S.G.P.O. : 1992-307-530 DOMESTIC RETURN RECEIPT

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.

1. ☐ Addressee's Address

2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
Mobil Exploration & Production, Inc.
500 W. Illinois, Ste 100
Midland, Texas
79701

4a. Article Number
Z 017 100 540

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

7. Date of Delivery
APR - 9 1998

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

9. Signature (Addressee)

10. Signature (Agent)
[Signature]

PS Form 3811, December 1991 * U.S.G.P.O. : 1992-307-530 DOMESTIC RETURN RECEIPT

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.

1. ☐ Addressee's Address

2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
State of New Mexico
State Land Office
P.O. Box 1148
Santa Fe, New Mexico
87504-1148

4a. Article Number
Z 017 100 535

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

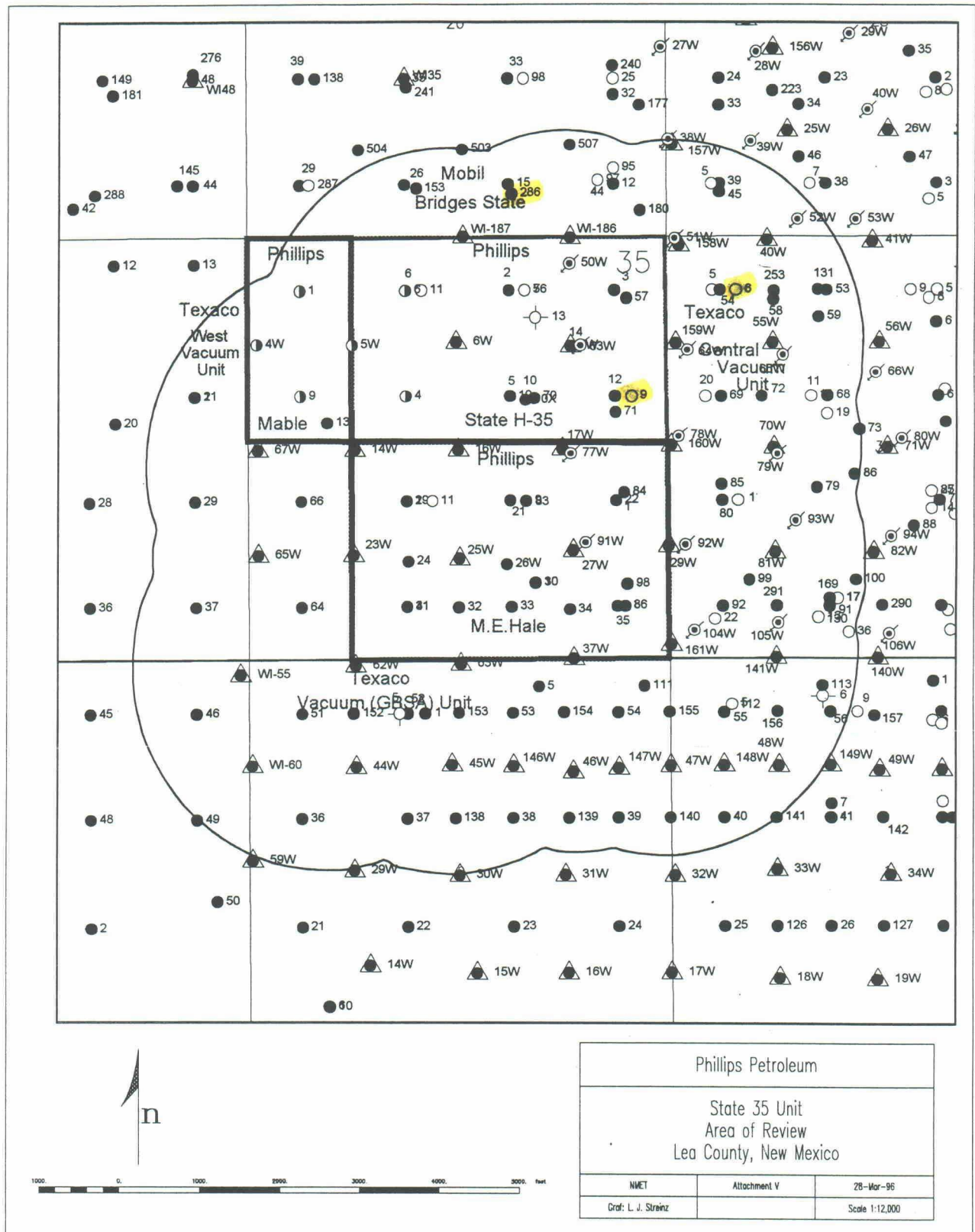
7. Date of Delivery
1998
USPS 1998

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

9. Signature (Addressee)

10. Signature (Agent)

PS Form 3811, December 1991 * U.S.G.P.O. : 1992-307-530 DOMESTIC RETURN RECEIPT



Top of cement on prod. casing does not cover injection zone,
cement on intermediate casing does. See sketches provided.

TEACCO INC.
STATE BA #6
API# 3002520057

0.0 - 421.0' 13.375" OD SURF CSG
0.0 - 421.0' CEMENT 400 sx

0.0 - 421.0' 15" OD HOLE

0.0 - 4835.0' 9.625" OD INT CSG
620.0 - 4835.0' CEMENT 2000 sx(calc.)

421.0 - 4835.0' 12.25" OD HOLE

660 FNL & 860 FWL
SEC 36 , TWN 17 S, RANGE 34 E
COMPLETION DATE: 09-30-63
COMPLETION INTERVAL: 9070 - 10016

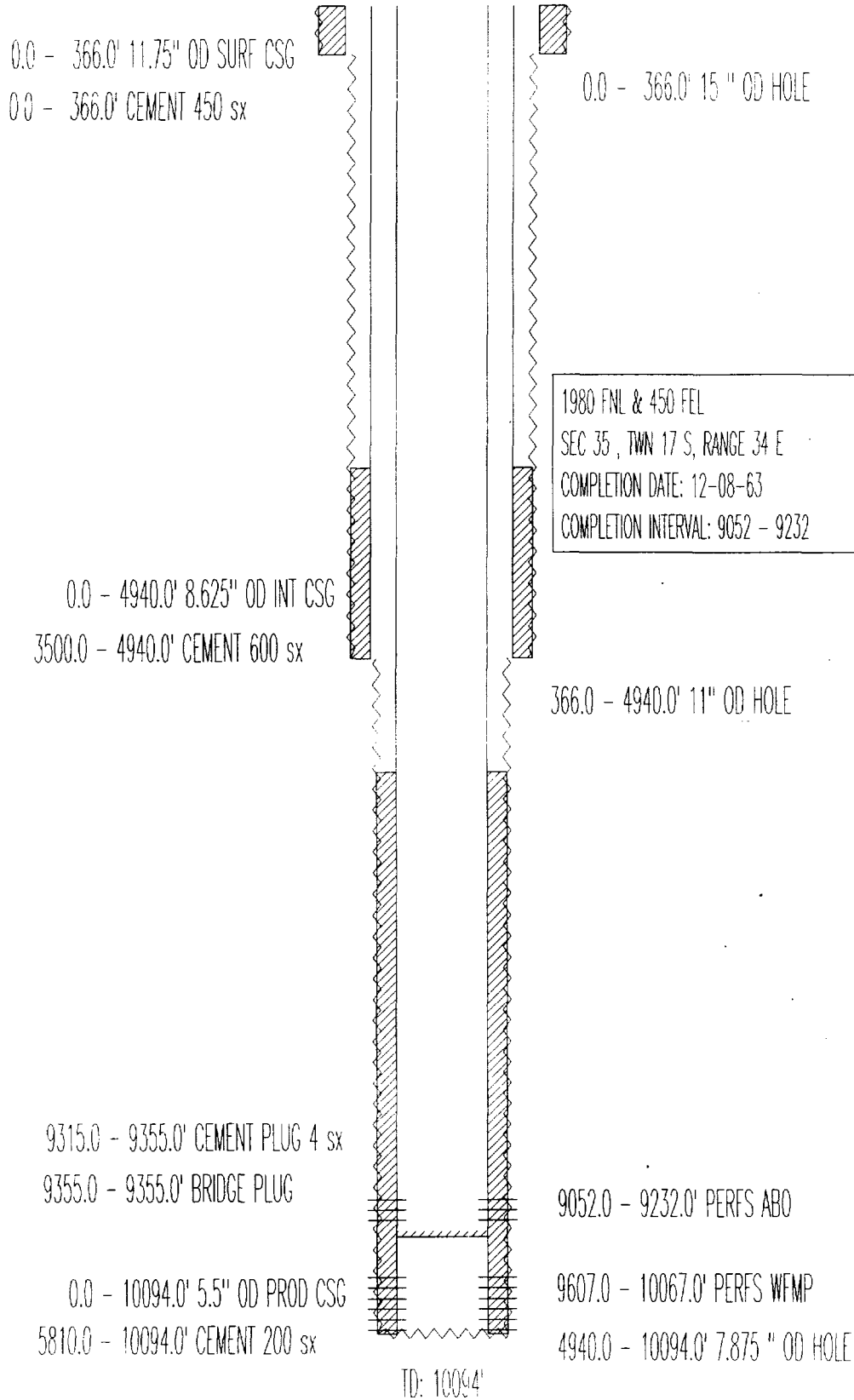
9070.0 - 10016.0' PERFS ABO

0.0 - 12109.0' 7" OD PROD CSG
5675.0 - 12109.0' CEMENT 850 sx(meas.)

4835.0 - 12110.0' 8.625" OD HOLE

TD: 12110'

PHILLIPS PETROLEUM
H-35 #9
API# 3002520228



Mobil
N. VACUUM ABO UNIT #286
API# 3002529430

0.0 - 400.0' 13.375" OD SURF CSG
0.0 - 400.0' CEMENT 500 sx

0.0 - 400.0' 15" OD HOLE

0.0 - 5000.0' 9.625" OD INT CSG
0.0 - 5000.0' CEMENT 2725 sx

504 FSL & 1903 FEL
SEC 26, TWN 17 S, RANGE 34 E
COMPLETION DATE: 12-24-85
COMPLETION INTERVAL: 8434 - 8562

400.0 - 5000.0' 12.25" OD HOLE

0.0 - 8700.0' 5.5" OD PROD CSG
4701.0 - 8700.0' CEMENT 1050 sx(calc.)

8434.0 - 8562.0' PERFS
5000.0 - 8700.0' 8.625" OD HOLE

TD: 8700'

EXHIBIT “B”

SCHEDULE OF OWNERSHIP

ATTACHED TO AND MADE A PART OF THAT CERTAIN STATE-35 UNIT AGREEMENT DATED
MAY 1, 1996; PHILLIPS PETROLEUM COMPANY, OPERATOR.

Township 17 South, Range 34 East, NMPM, Lea County, New Mexico										
Tract <u>No.</u>	Lease <u>Date</u>	Company Lease <u>Number</u>	<u>Description</u>	No. of <u>Acres</u>	NM State Lease <u>Number</u>	Lease Royalty Rate <u>(Percentage)</u>	<u>Less of Record</u>	Overriding Royalty <u>Percentage</u>	Working Interest <u>Owner</u>	Working Interest <u>Percentage</u>
1	12-18-33	0222206-002	Section 35: W½ NW¼	80.00	NM-B-2317-3	12.50%	Phillips Petroleum Company	10.93750%	Phillips Petroleum Company	100.00%
2	12-18-33	0222206-000	Section 35: E½ SW¼, SW¼ SE¼, N½ SE¼, SE¼ SE¼	80.00 40.00 80.00 40.00	NM-B-2317-A	12.50%	Phillips Petroleum Company	6.25000%	Phillips Petroleum Company	100.00%
3	08-10-34	217920-000	Section 35: E½ NW¼, NE¼	80.00 <u>160.00</u>	NM-B-3196	12.50%	Floyd Oil Company	NONE	Phillips Petroleum Company	100.00%
TOTAL STATE OF NEW MEXICO ACREAGE				560.00						

RECAPITULATION

560 Acres of State of New Mexico Lands = 100 %

EXHIBIT "C"
SCHEDULE OF TRACT PARTICIPATION

Tract No.	New Mexico State Lease No.	Percent of Unit	Tract Participation Percentage	State of New Mexico Royalty Participation
1	NM-B-2317-3	14.28572%	2.25976%	0.28247%
2	NM-B-2317-A	42.85714%	66.99073%	8.37384%
3	NM-B-3196	42.85714%	30.74951%	3.84369%