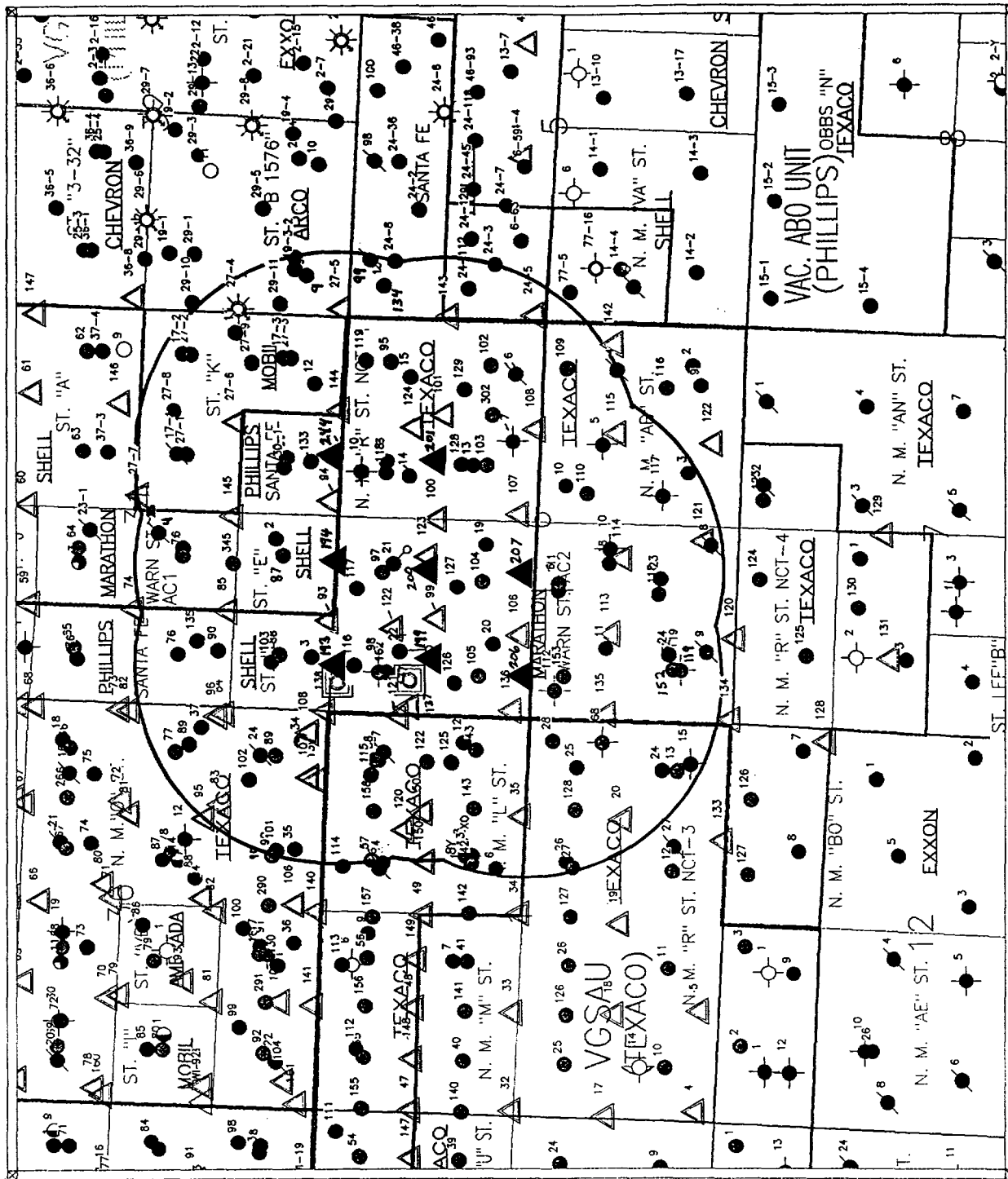


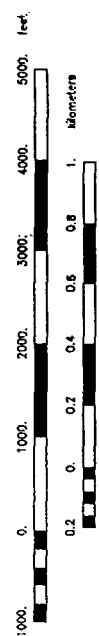


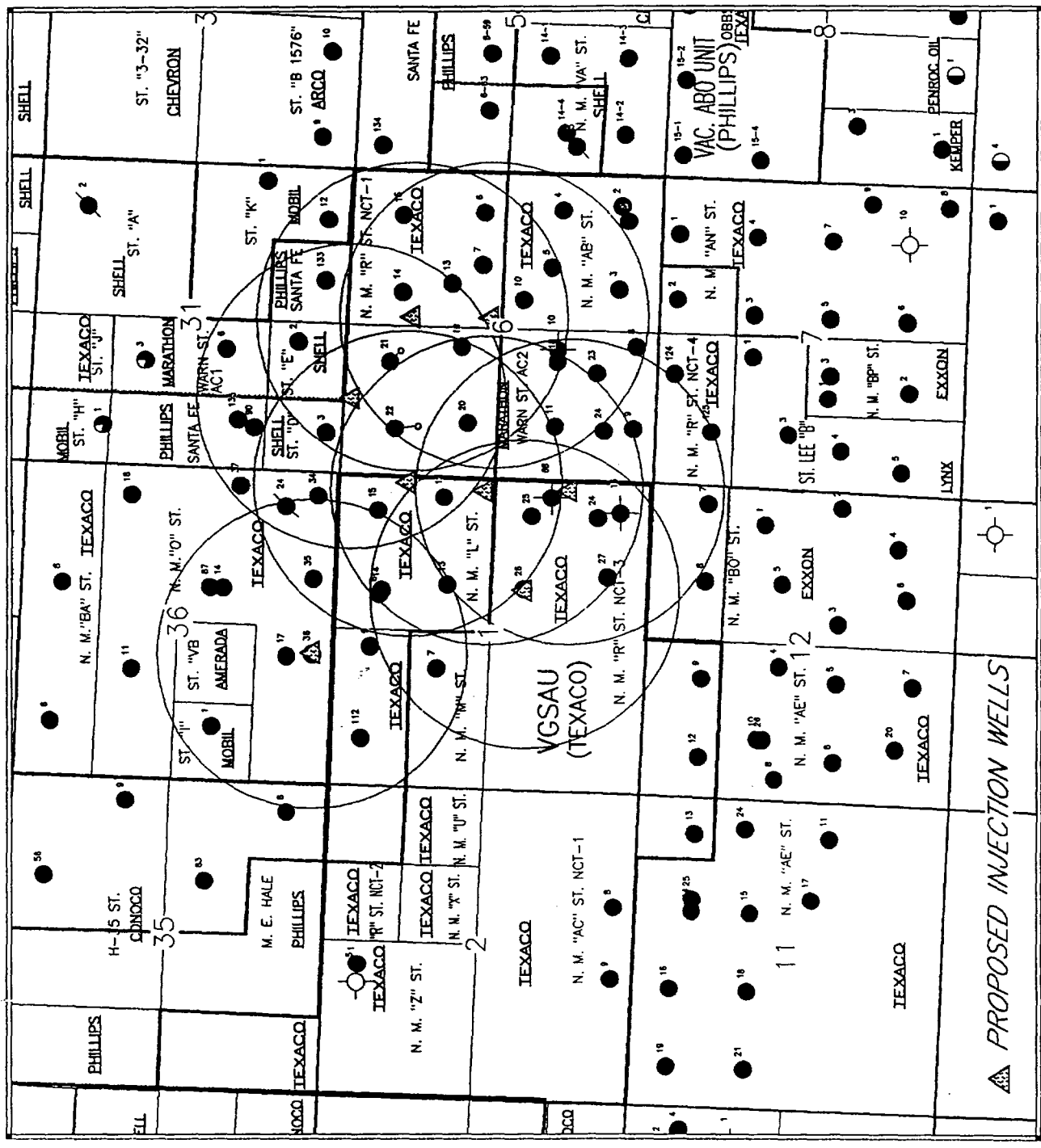
TEXACO E & P INC			
VACUUM DRINKARD FIELD LEA COUNTY, NEW MEXICO			
DATE	1/1/2007	BY	Q. 27
UTM PROJECTION	11N	UTM ZONE	18N

LEGEND

- VCSAU & EVGSAU
- CVU
- ▲ Proposed injection wells- CVU

Scale 1:25000.





WELLS THAT PENETRATED INJECTION INTERVAL

Texaco Exploration & Prod. Inc.

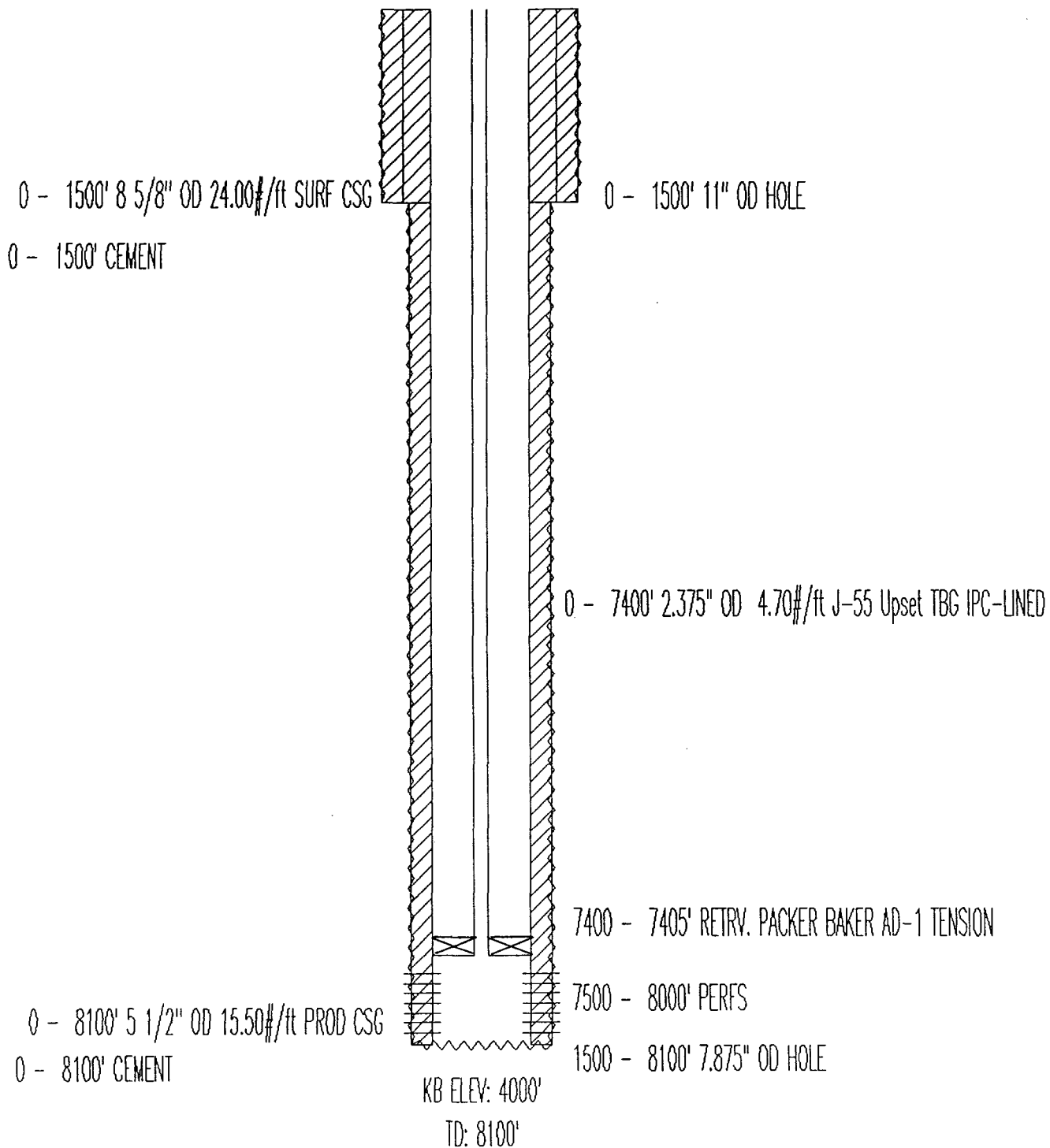
LEASELINE INJECTION WELLS
VACUUM DRINKARD FIELD
LEA COUNTY NEW MEXICO

Scale: 1:32000

C-108

ATTACHMENT V

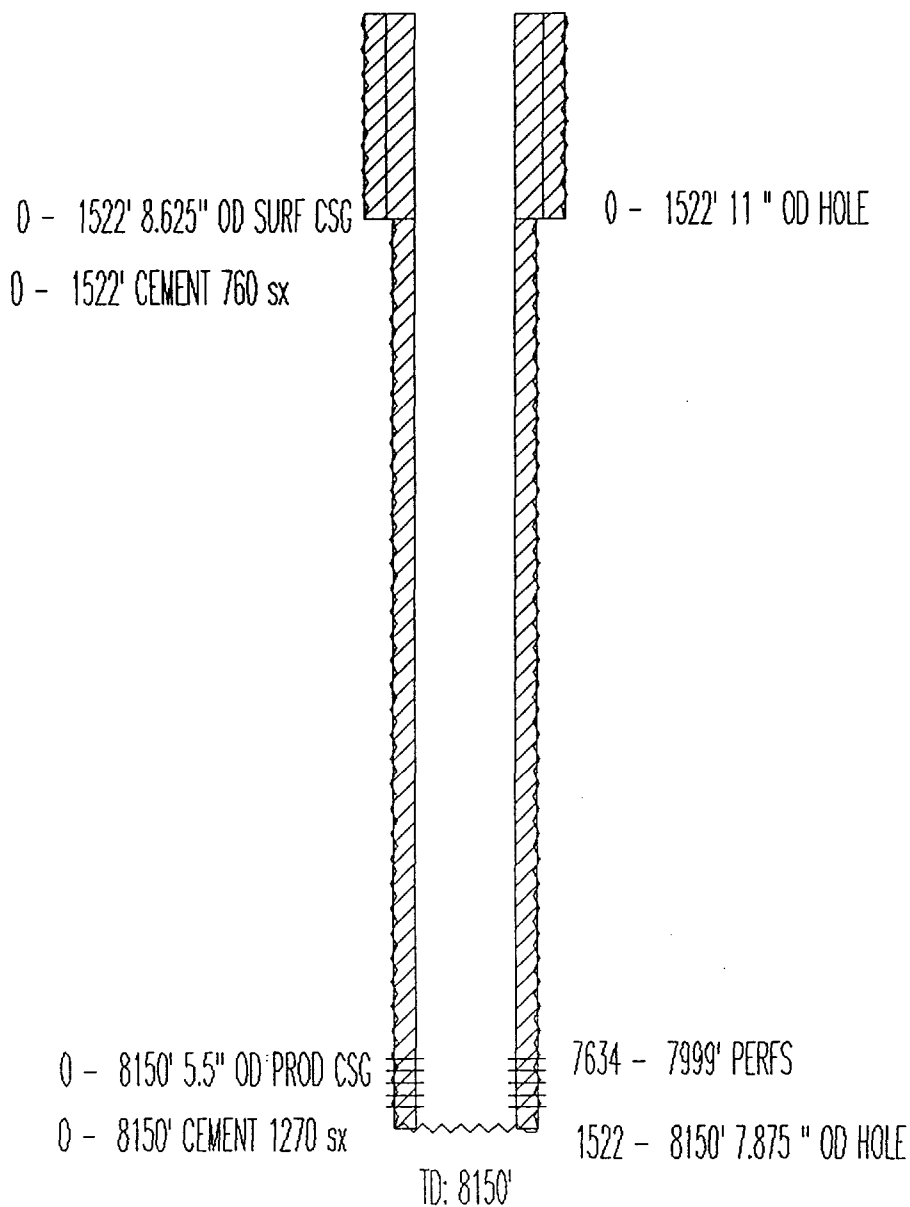
TYPICAL VACUUM DRINKARD NEW INJECTION WELL



- 1) DEPTHS BASED ON AVERAGE WELL
- 2) SACKS OF CEMENT WILL DEPEND
ON NUMBER REQUIRED TO CIRCULATE
- 3) CIRCULATE CEMENT ON ALL STRINGS

PRODUCING
DRINKARD

ARCO O&G
STATE "B-1576" NO. 9
API# 3002532515



500 FSL & 418 FWL

SEC 32 , TWN 17 S, RANGE 35 E

ELEVATION: 3981 KB

COMPLETION DATE: 06-27-94

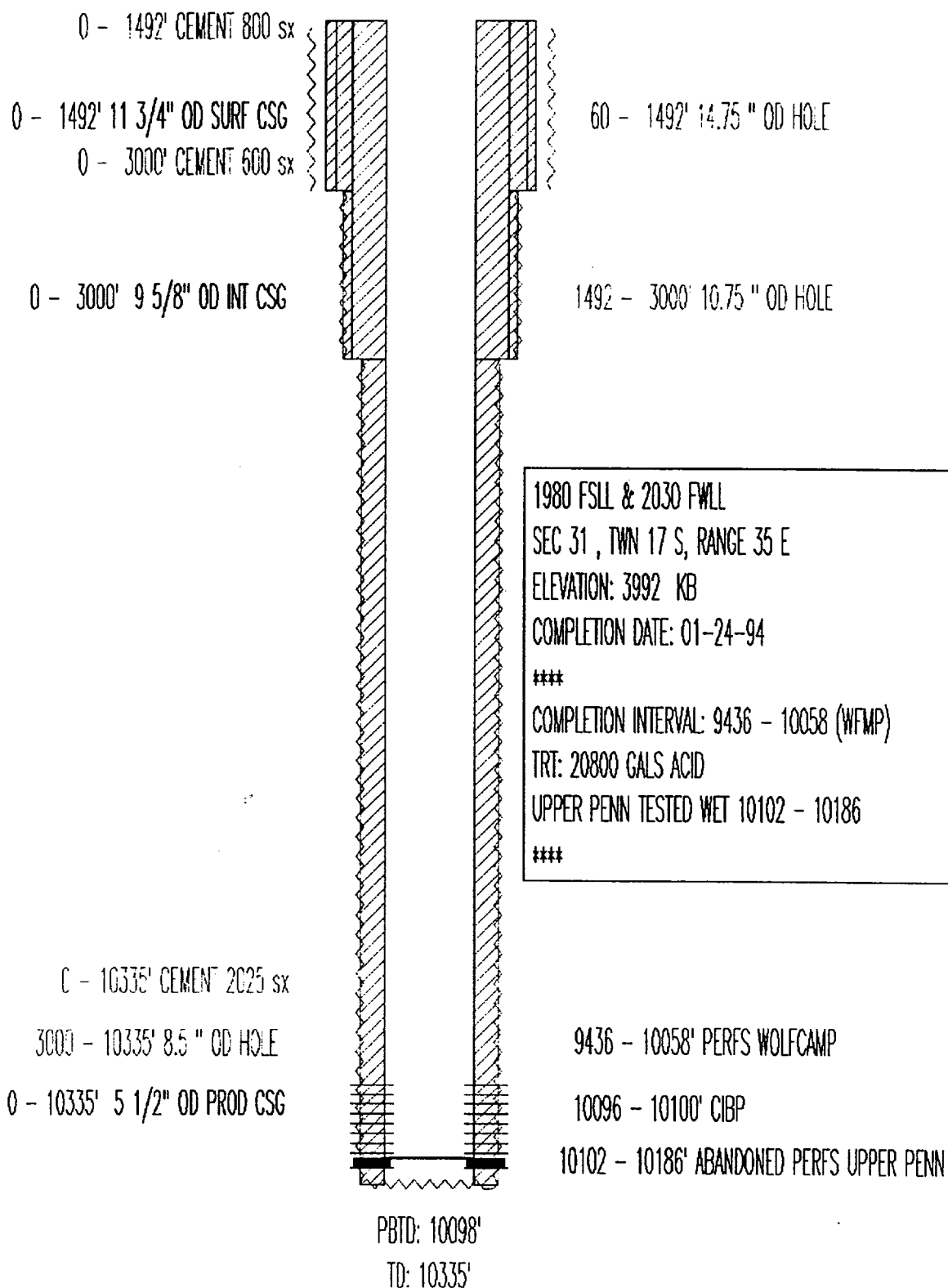
COMPLETION INTERVAL: 7634 - 7999 (DRKD)

TRT: 40000 GALS ACID (7634 - 7999)

IP: 239 BOPD, 200 MCFD, 66 BWPD (PUMPING)

PRODUCING
WOLFCAMP

MARATHON OIL
WARN STATE A/C-1 NO. 6
API# 3002532311



CURRENT STATUS - SHUT IN
ABO & DRINKARD COMMINGLED

MARATHON OIL
WARN-STATE A/C-2 NO. 8
API# 3002503082

0 - 357' CEMENT 350 sx
0 - 357' 13.375" OD SURF CSG

0 - 3199' CEMENT 1440 sx

0 - 3199' 9.625" OD INT CSG

3770 - 8866' CEMENT 900 sx

0 - 8866' 5.5" OD PROD CSG

C - 357' 17.5" OD HOLE

357 - 3199' 12.25" OD HOLE

330 FSL & 2333 FWL

SEC 6, TWN 18 S, RANGE 35 E

ELEVATION: 3976 GR

COMPLETION DATE: 03-14-62

COMPLETION INTERVAL: 8676 - 8730 (ABRF)

IP: 285 BOPD, 0 MCFD, 0 BWPD (FLOWING)

7939 - 8169' PERFS DRINK 4/93

8676 - 8730' PERFS ABO 3/62

8458 - 8676' PERFS ABO 8/70

3199 - 8867' 8.5" OD HOLE

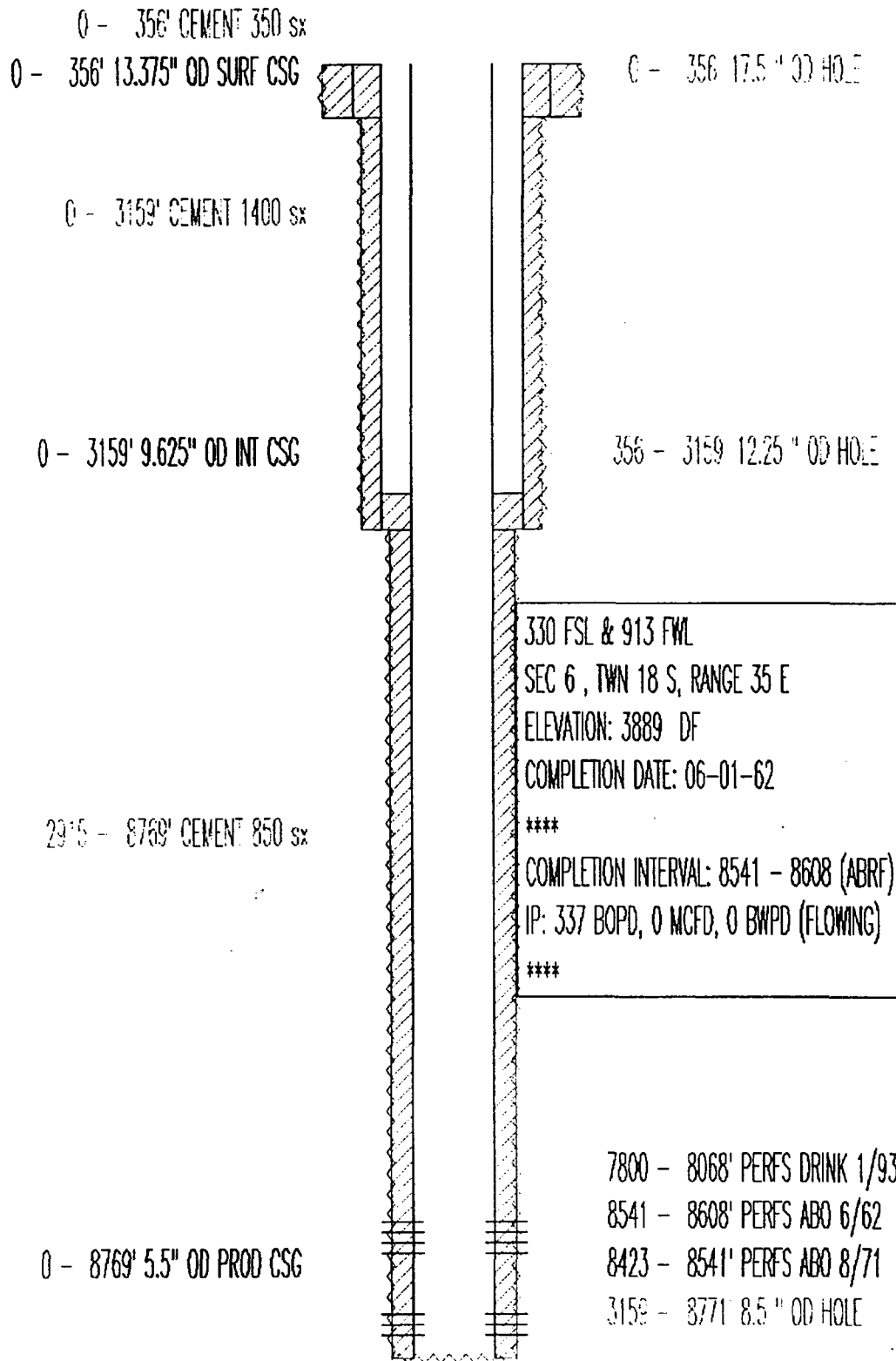
KB ELEV: 3976'

PBTD: 8818'

TD: 8867'

SHUT IN
ABO AND DRINKARD COMMINGLED

MARATHON OIL
WARN-STATE A/C-2 NO. 9
API# 30025030830000



KB ELEV: 3979'
PBD: 8737'
TD: 8771'

PLUGGED & ABANDONED

MARATHON OIL
WARN-STATE A/C-2 NO. 10
API# 3002520020

0 - 10' CEMENT PLUG 6 SX
0 - 371' CEMENT 315 SX
0 - 371' 13.375" OD SURF CSG
234 - 424' CEMENT PLUG 20 SX
1329 - 1519' CEMENT PLUG 20 SX
0 - 3307' CEMENT 1540 SX

3113 - 3357' CEMENT PLUG 25 SX
0 - 3307' 9.625" OD INT CSG

225 - 8868' CEMENT 560 SX
4486 - 5070' CEMENT PLUG 60 SX

0 - 8868' 5.5" OD PROD CSG

0 - 371' 17.5" OD HOLE

371 - 3307' 12.25" OD HOLE

1650 FSL & 2232 FWL
SEC 6, TWN 18 S, RANGE 35 E
ELEVATION: 3989 DF
COMPLETION DATE: 05-29-63

COMPLETION INTERVAL: 8644 - 8791 (ABO)
IP: 190 BOPD, 0 MCFD, 0 BWPD (FLOWING)

8644 - 8791' PERFS

3307 - 8870' 8.5" OD HOLE

PBTD: 8823'

TD: 8870'

PRODUCING
DRINKARD

MARATHON OIL
WARN STATE A/C-2 NO. 11
API# 3002520031

0 - 360' 13.375" OD SURF CSG

0 - 360' 12.5" OD HOLE

0 - 360' CEMENT 250 sx

0 - 3400' CEMENT 1550 sx

0 - 3400' 8.625" OD INT CSG

360 - 3400' 12.25" OD HOLE

745 - 8797' CEMENT 1255 sx

1650 FSL & 910 FWL

SEC 6, TWN 18 S, RANGE 35 E

ELEVATION: 3992' OF

COMPLETION DATE: 08-07-63

COMPLETION INTERVAL: 8485 - 8655 (ABO)

TRT: 2000 GALS ACID (8485 - 8655)

IP: 169 BOPD, 0 MCFD, 0 BWPD (FLOWING)

7805 - 7810' CIBP

7630 - 7790' PERFS DRINKARD 11/92

0 - 8797' 5.5" OD PROD CSG

3400 - 3799' 7.675" OD HOLE

8485 - 8655' PERFS ABO 8/63

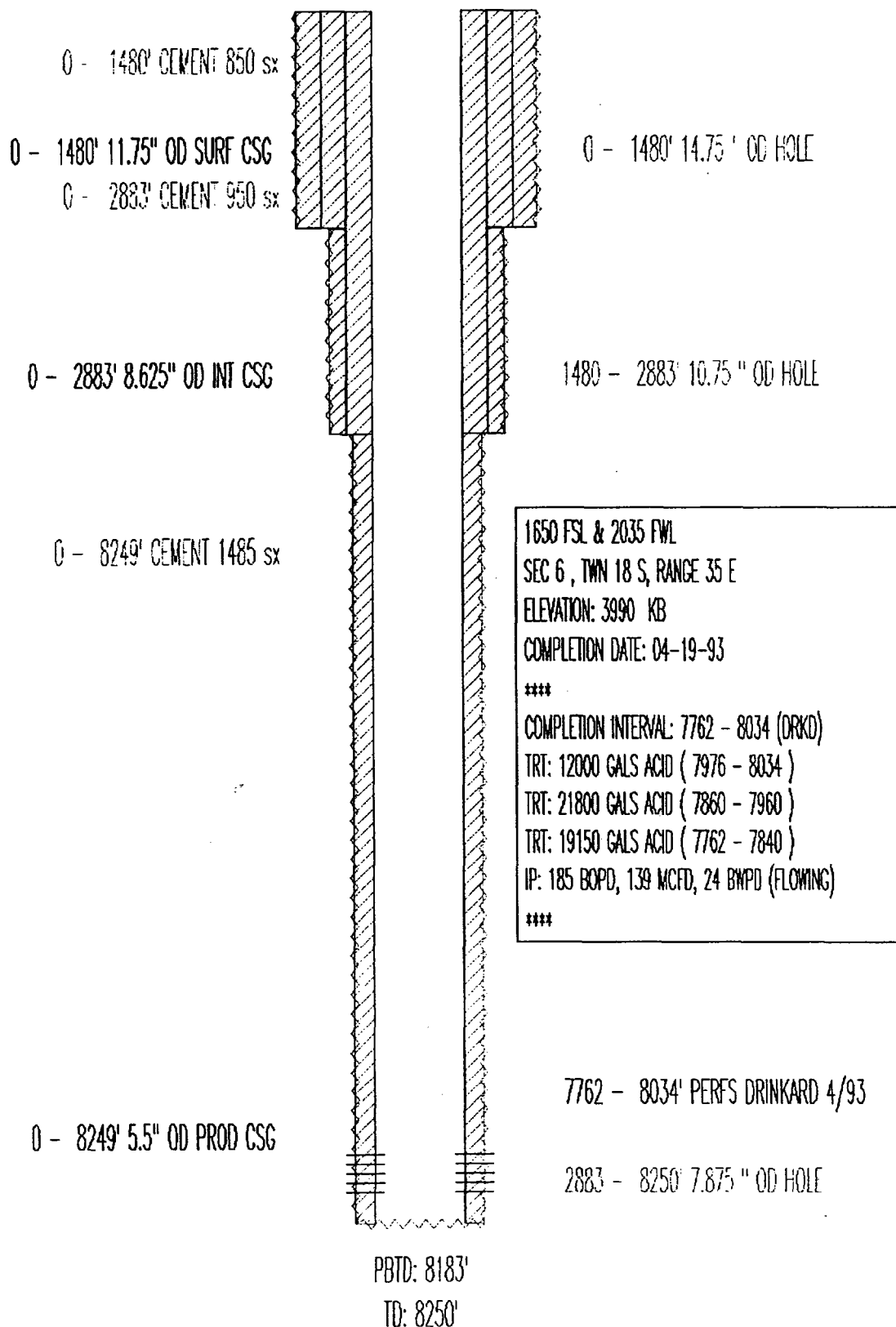
KB ELEV: 3992'

PBTD: 7805'

TD: 8799'

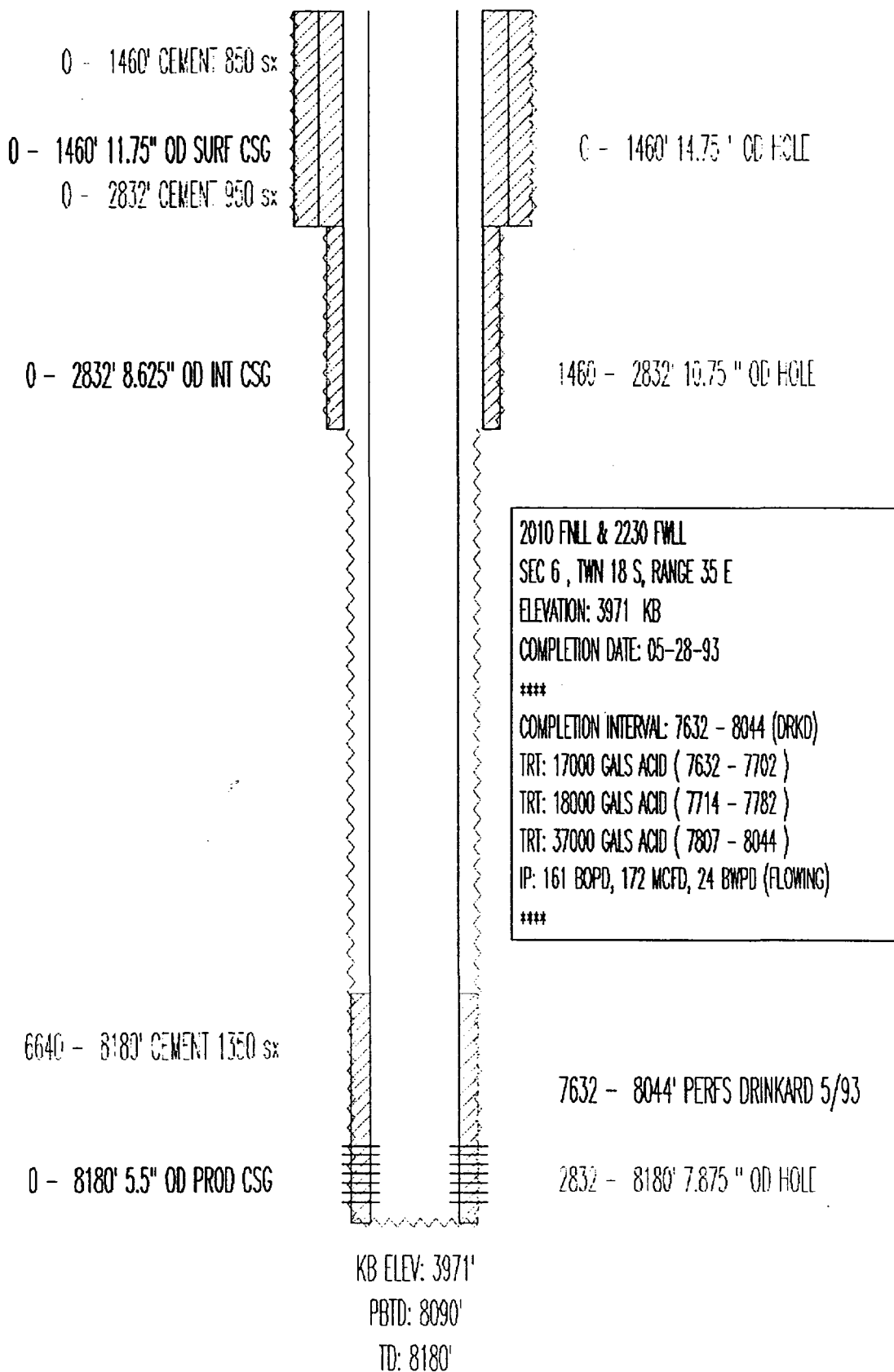
PRODUCING
DRINKARD

MARATHON OIL
WARN STATE A/C-2 NO. 18
API# 3002531887



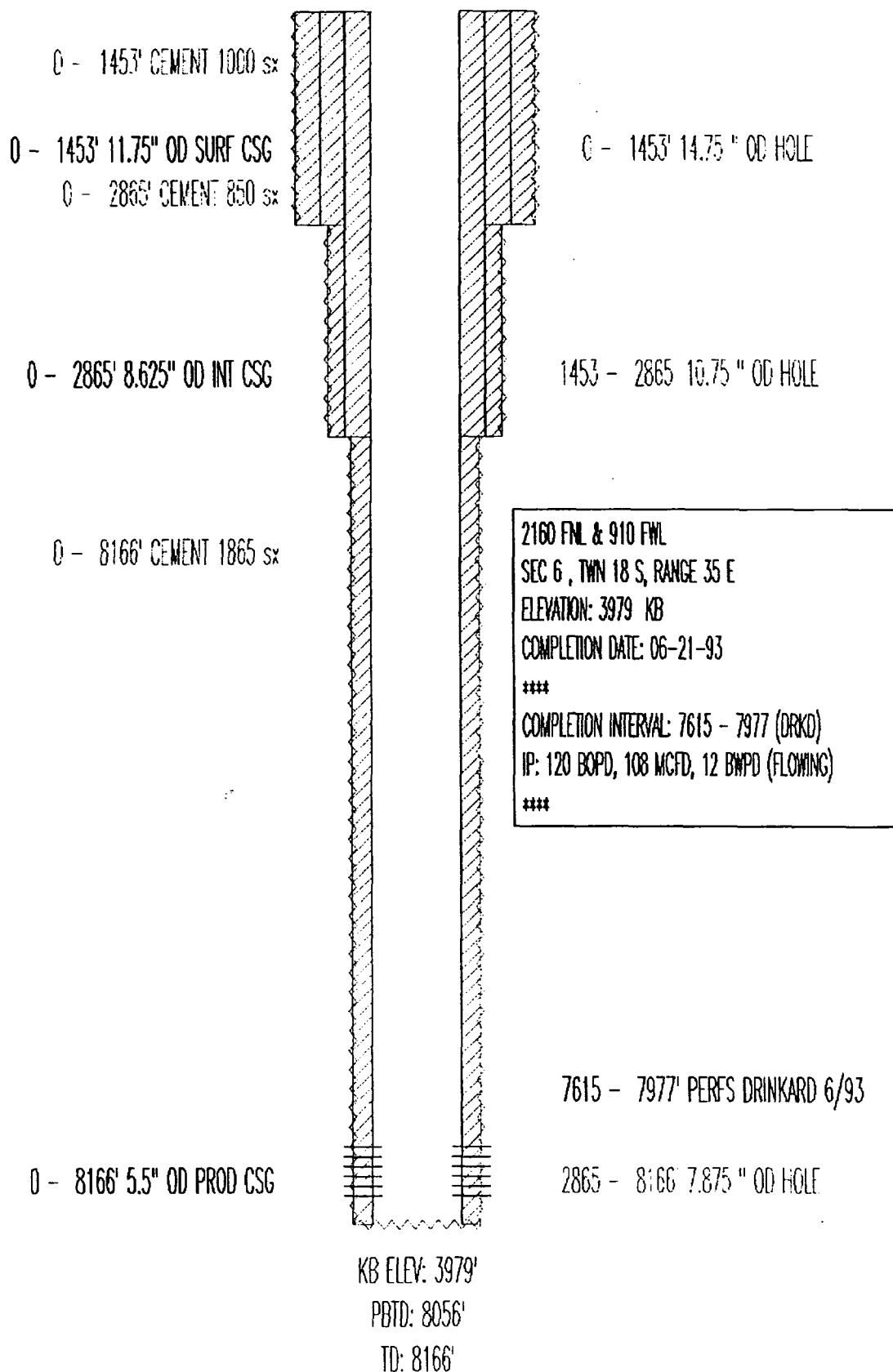
PRODUCING
DRINKARD

MARATHON OIL
WARN STATE A/C-2 NO. 19
API# 3002531927



PRODUCING
DRINKARD

MARATHON OIL
WARN STATE A/C-2 NO. 20
API# 3002531934



PRODUCING
DRINKARD

MARATHON OIL
WARN STATE A/C-2 NO. 21
API# 3002531969

0 - 53' 16" OD SURF CSG

0 - 53' CEMENT 0 sx

0 - 1465' CEMENT 750 sx

0 - 1465' 11.75" OD INT CSG

0 - 2823' CEMENT 900 sx

0 - 2823' 8.625" OD INT CSG

1050 - 8158' CEMENT 1560 sx

0 - 8158' 5.5" OD PROD CSG

0 - 53' 20" OD HOLE

53 - 1465' 14.75" OD HOLE

1465 - 2823' 10.75" OD HOLE

1109 FNL & 1993 FNL

SEC 6, TWN 18 S, RANGE 35 E

ELEVATION: 3988 KB

COMPLETION DATE: 07-28-93

COMPLETION INTERVAL: 7623 - 7989 (DRKD)

TRT: 29500 GALS ACID (7800 - 7989)

TRT: 19200 GALS ACID (7712 - 7771)

TRT: 15834 GALS ACID (7623 - 7693)

IP: 375 BOPD, 301 MCFD, 62 BWPD (FLOWING)

7623 - 7989' PERFS DRINKARD 7/93

2823 - 3200' 7.875" OD HOLE

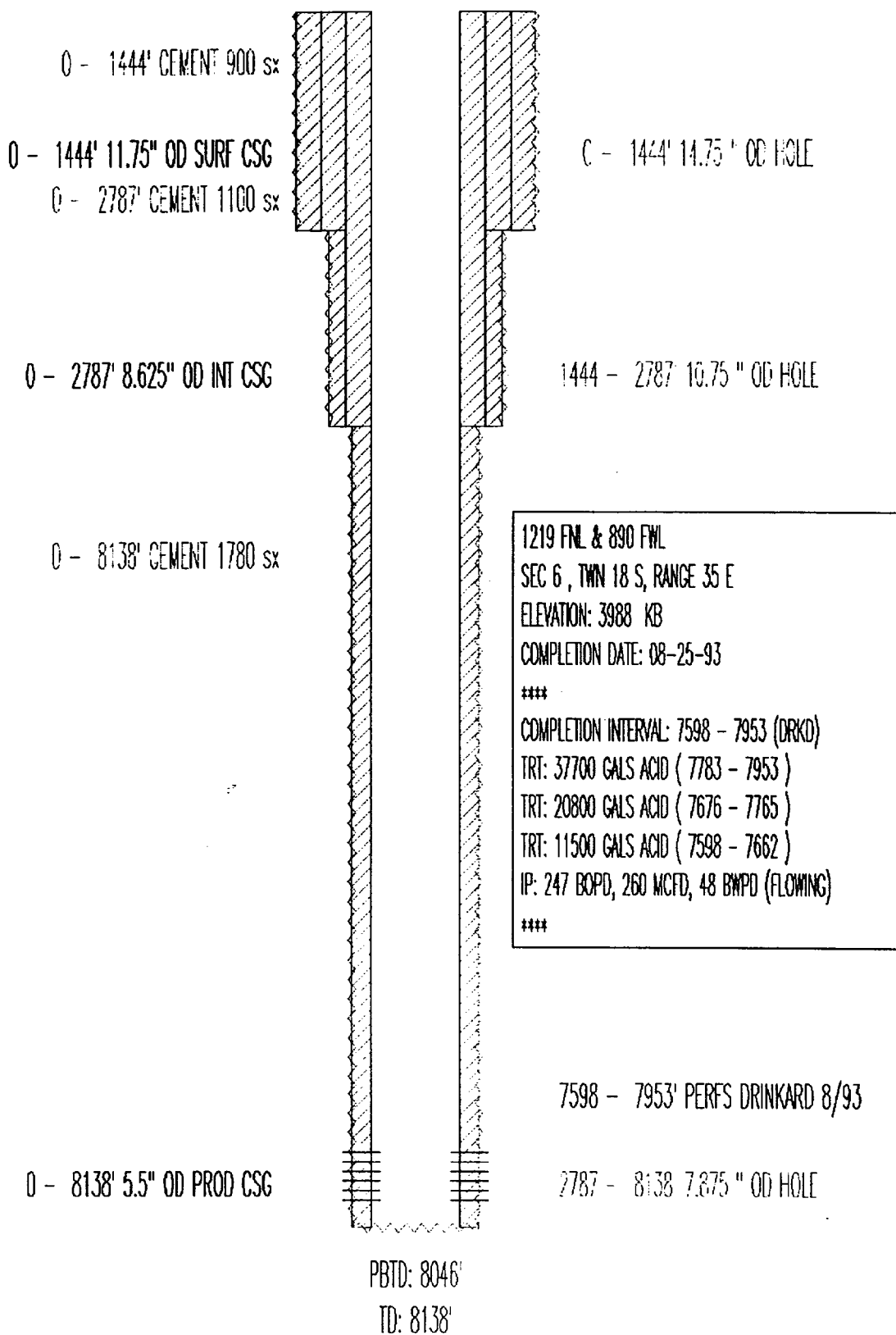
KB ELEV: 3988'

PBTD: 8069'

TD: 8200'

PRODUCING
DRINKARD

MARATHON OIL
WARN STATE A/C-2 NO. 22
API# 30025320340000



PRODUCING
DRINKARD

MARATHON OIL
WARN STATE A/C-2 NO. 23
API# 3002532187

0 - 40' CEMENT 0 sx
0 - 40' 16" OD SURF CSG

0 - 40' 20" OD HOLE

0 - 1477' CEMENT 800 sx
0 - 1477' 11.75" OD INT CSG
0 - 2836' CEMENT 800 sx

40 - 1477' 14.75" OD HOLE

0 - 2836' 8.625" OD INT CSG

1477 - 2836' 10.75" OD HOLE

2920 - 8300' CEMENT 1550 sx

990 FSL & 1920 FWL

SEC 6, TWN 18 S, RANGE 35 E

ELEVATION: 3993 KB

COMPLETION DATE: 12-15-93

COMPLETION INTERVAL: 7747 - 8030 (DRKD)

TRT: 40000 GALS ACID (7870 - 8030)

TRT: 17500 GALS ACID (7747 - 7844)

IP: 235 BOPD, 239 MCFD, 177 BHPD (PUMPING)

0 - 8300' 5.5" OD PROD CSG

7747 - 8030' PERFS DRINKARD 12/93

2836 - 8300' 7.875" OD HOLE

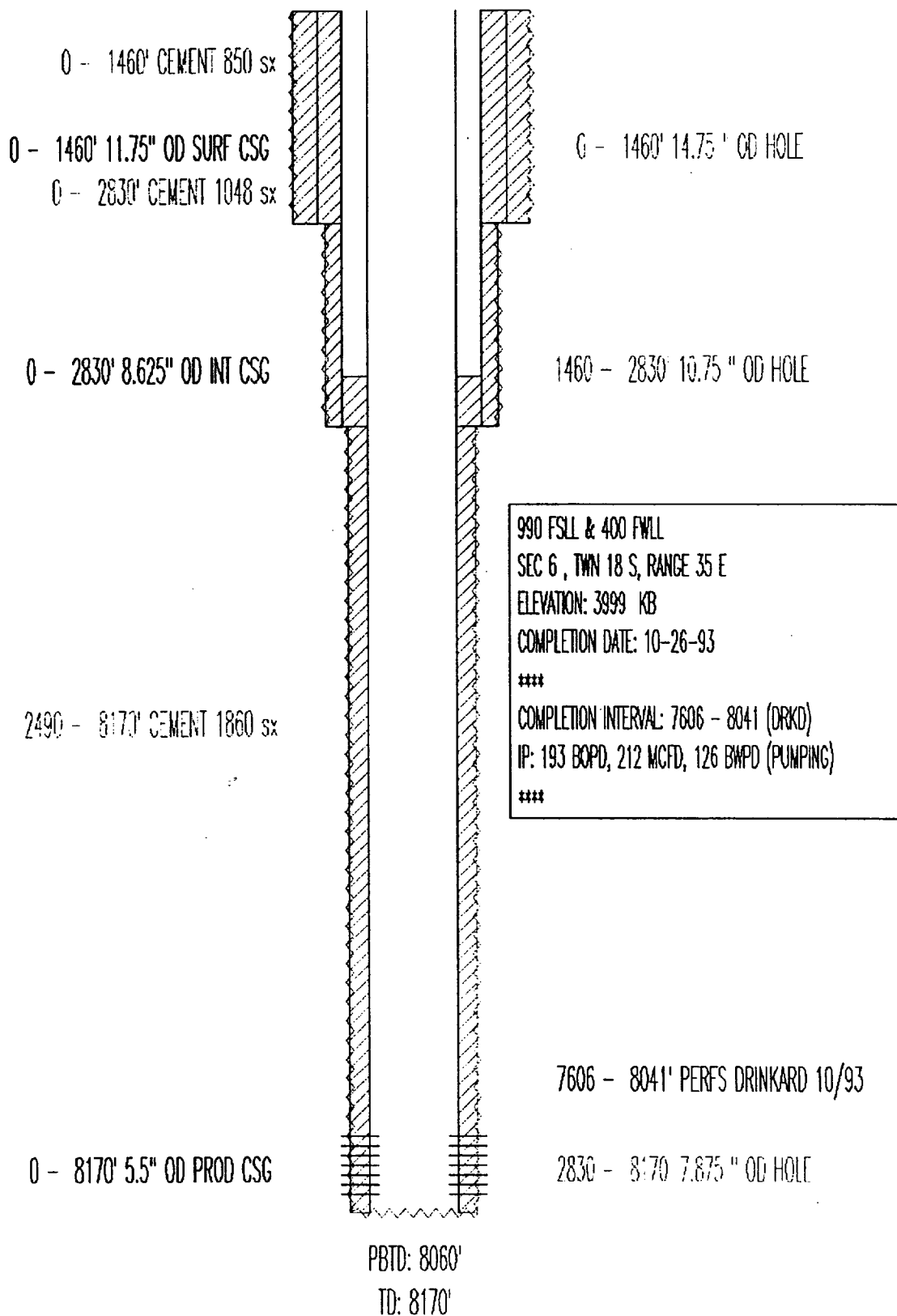
KB ELEV: 3993'

PBTD: 8205'

TD: 8300'

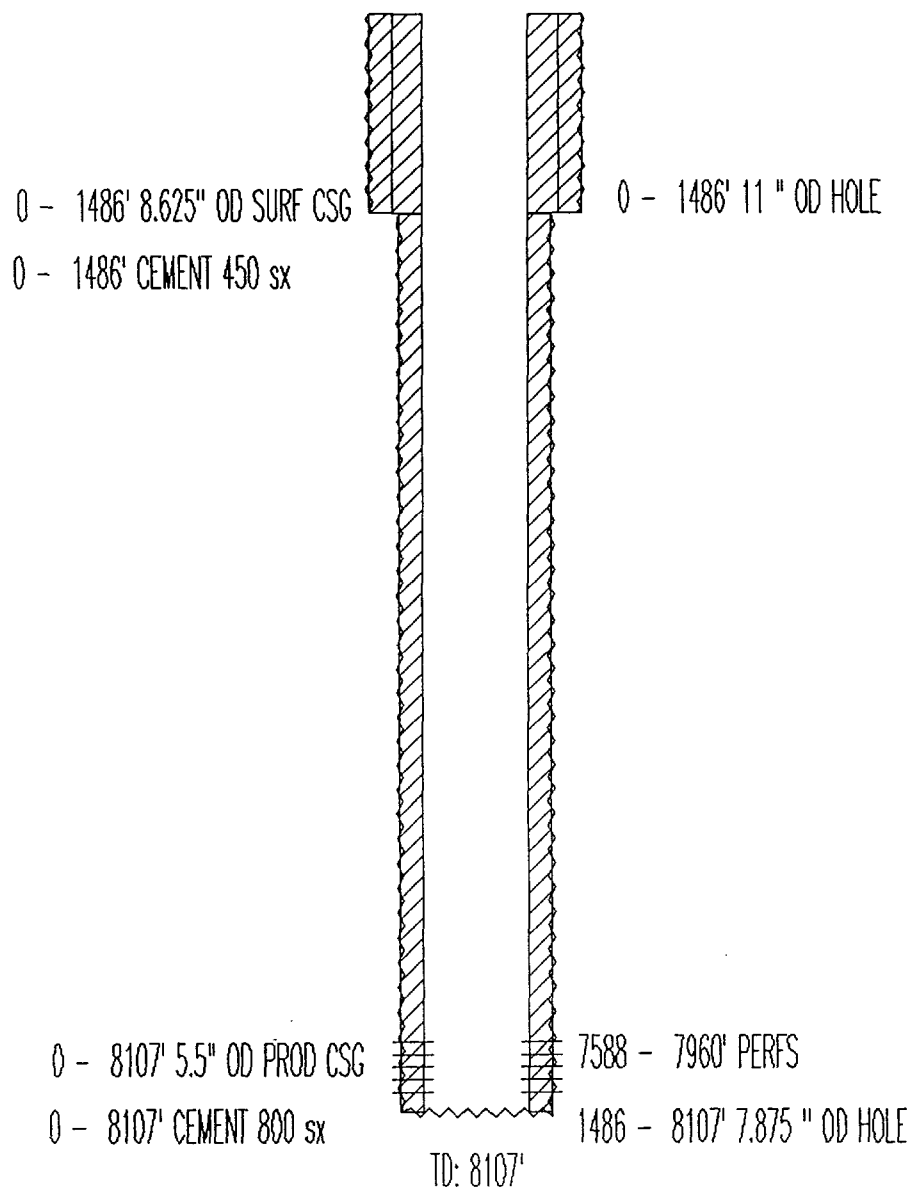
PRODUCING
DRINKARD

MARATHON OIL
WARN STATE A/C-2 NO. 24
API# 3002532189



PRODUCING
DRINKARD

MOBIL PRODUCING IX & NM
STATE "K" NO. 11
API# 3002532439



1400 FSLL & 360 FELL

SEC 31 , TWN 17 S, RANGE 35 E

ELEVATION: 3989 KB

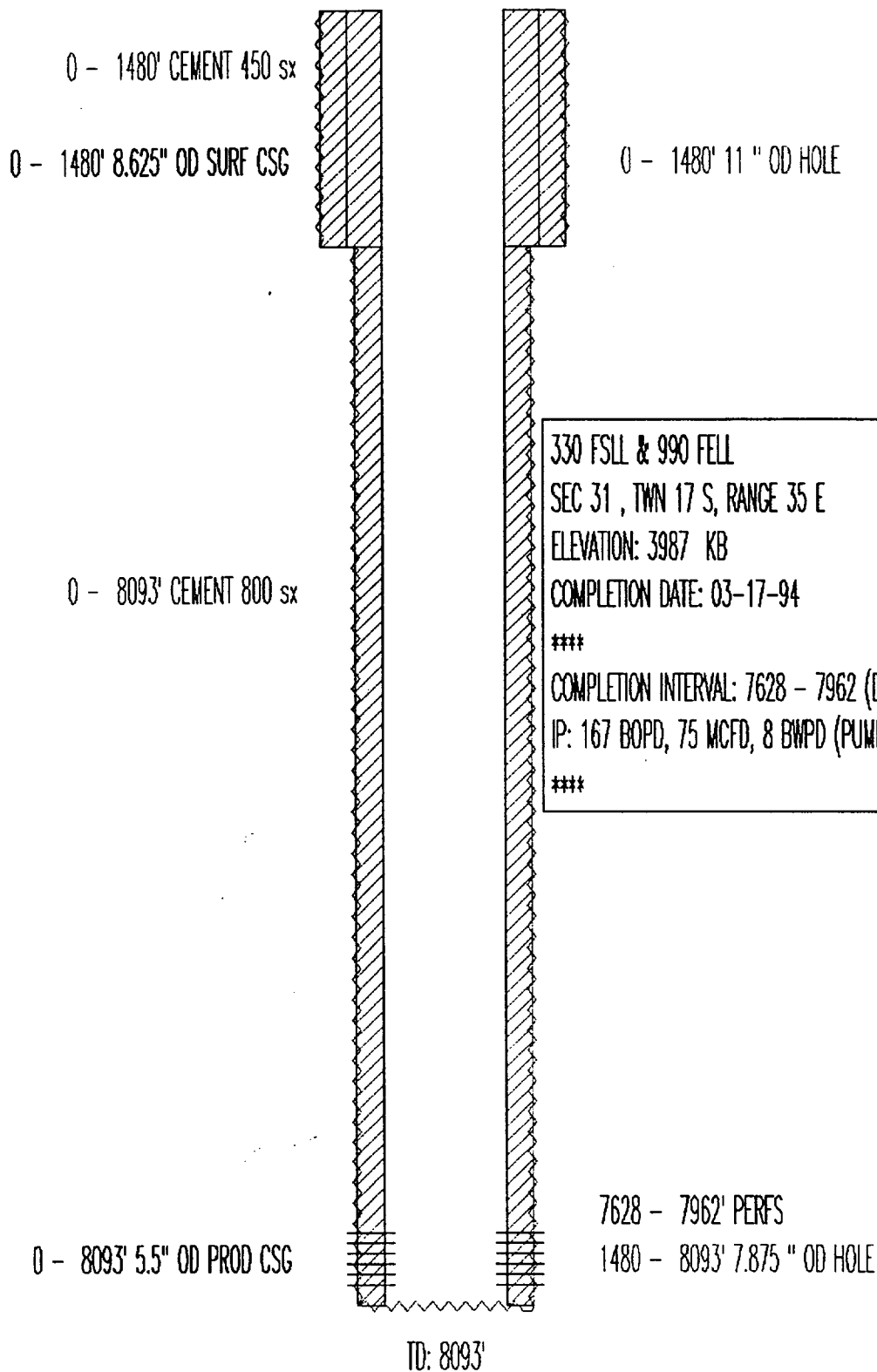
COMPLETION DATE: 04-08-94

COMPLETION INTERVAL: 7588 - 7960 (DRKD)

IP: 54 BOPD, 49 MCFD, 7 BWPD (PUMPING)

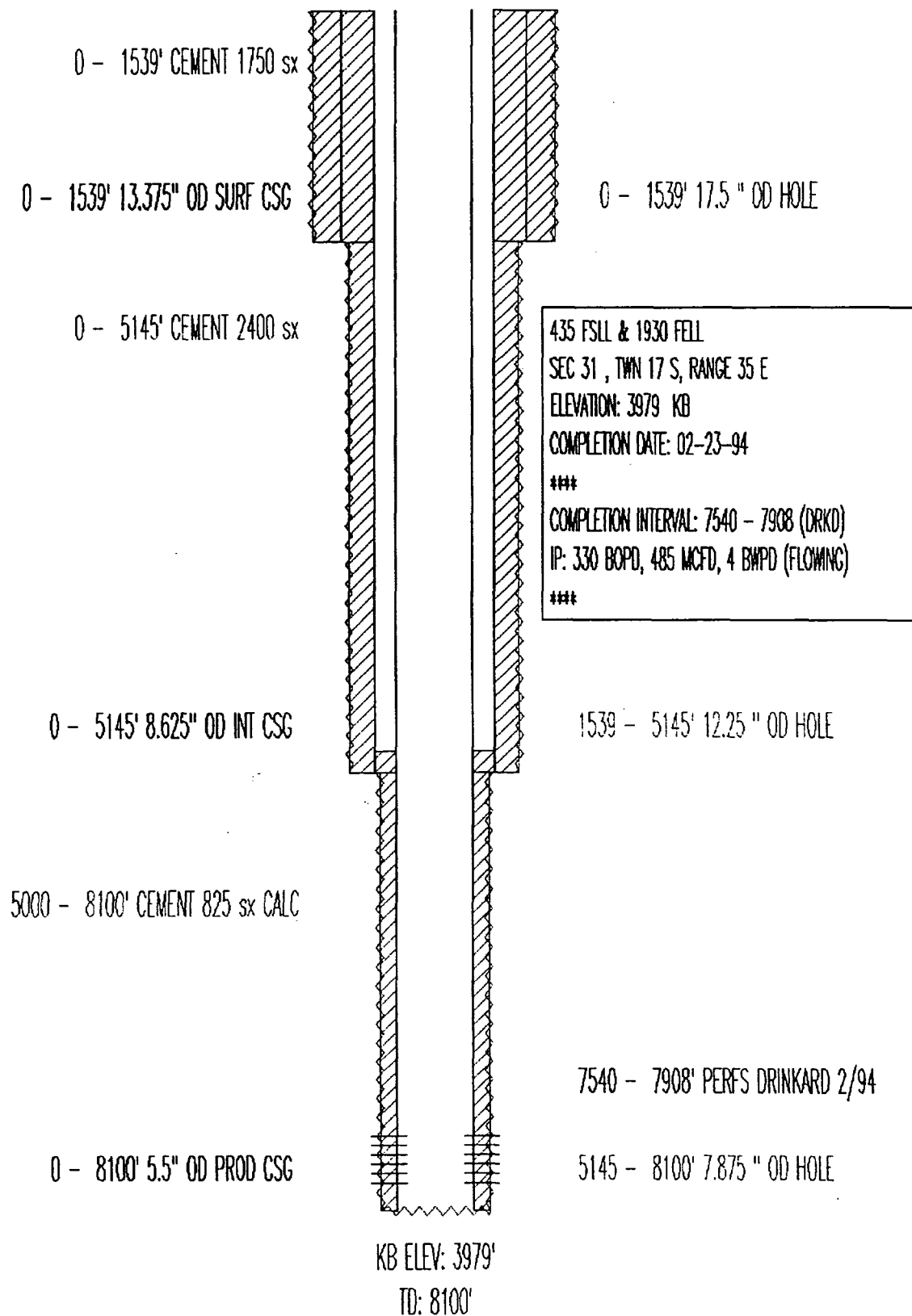
PRODUCING
DRINKARD

MOBIL PRODUCING TX & NM
STATE "K" NO. 12
API# 3002532413



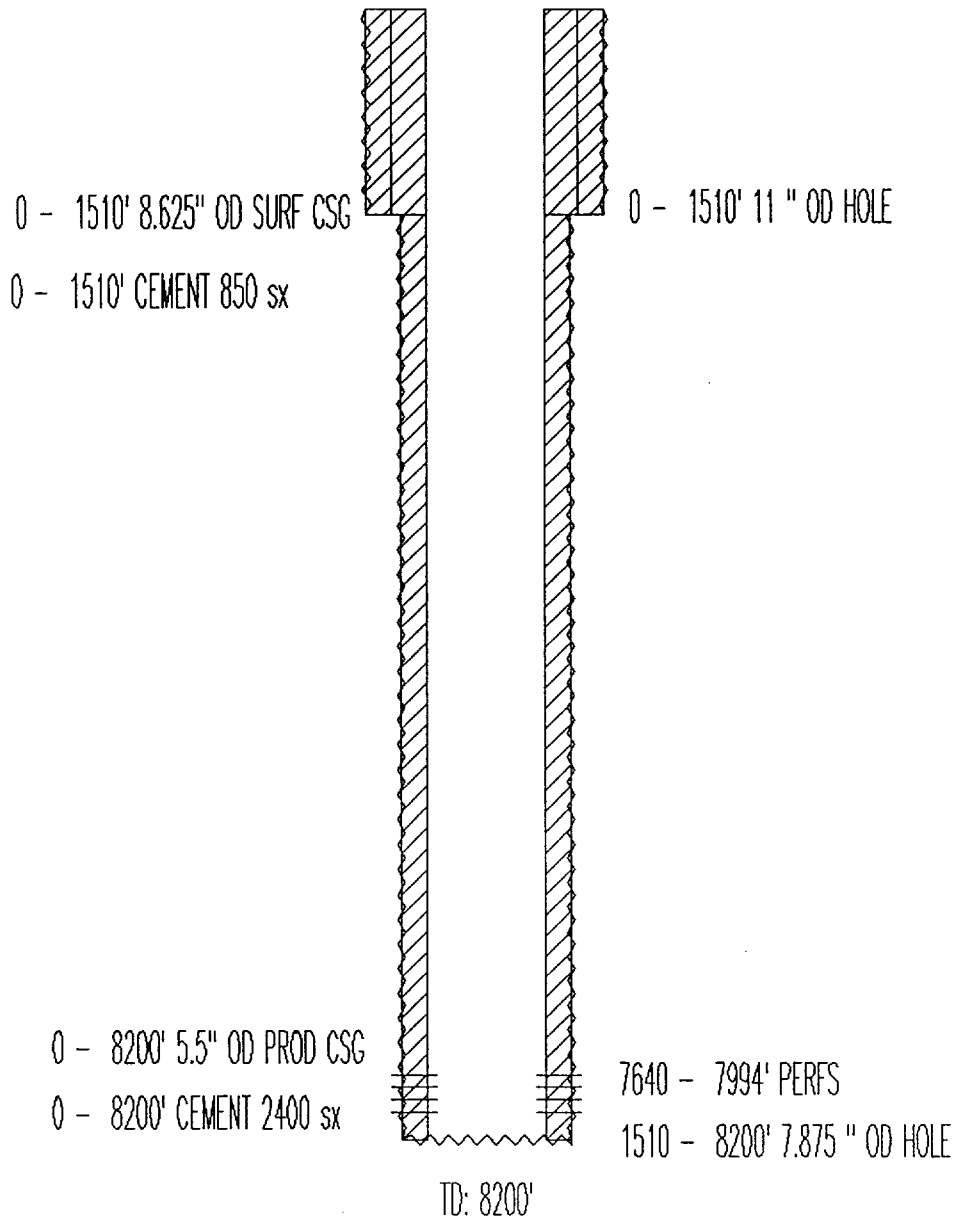
PRODUCING
DRINKARD

PHILLIPS PET
SANTA FE NO. 133
API# 3002532333



PRODUCING
DRINKARD

PHILLIPS PET
SANTA FE NO. 134
API# 3002532414



430 FNLL & 430 FWLL

SEC 5 , TWN 18 S, RANGE 35 E

ELEVATION: 3979 KB

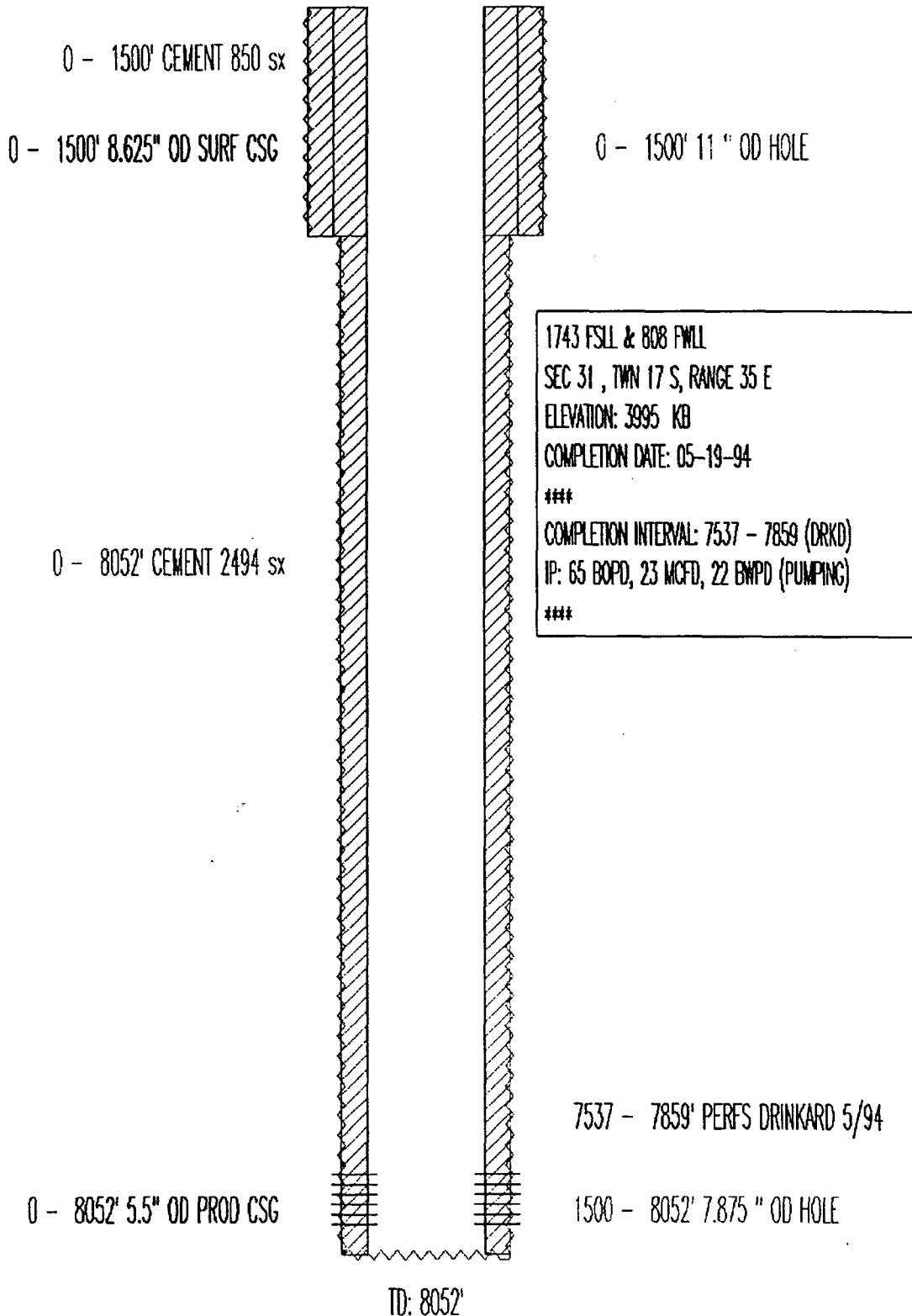
COMPLETION DATE: 06-10-94

COMPLETION INTERVAL: 7640 - 7994 (DRKD)

IP: 131 BOPD, 171 MCFD, 55 BWPD (PUMPING)

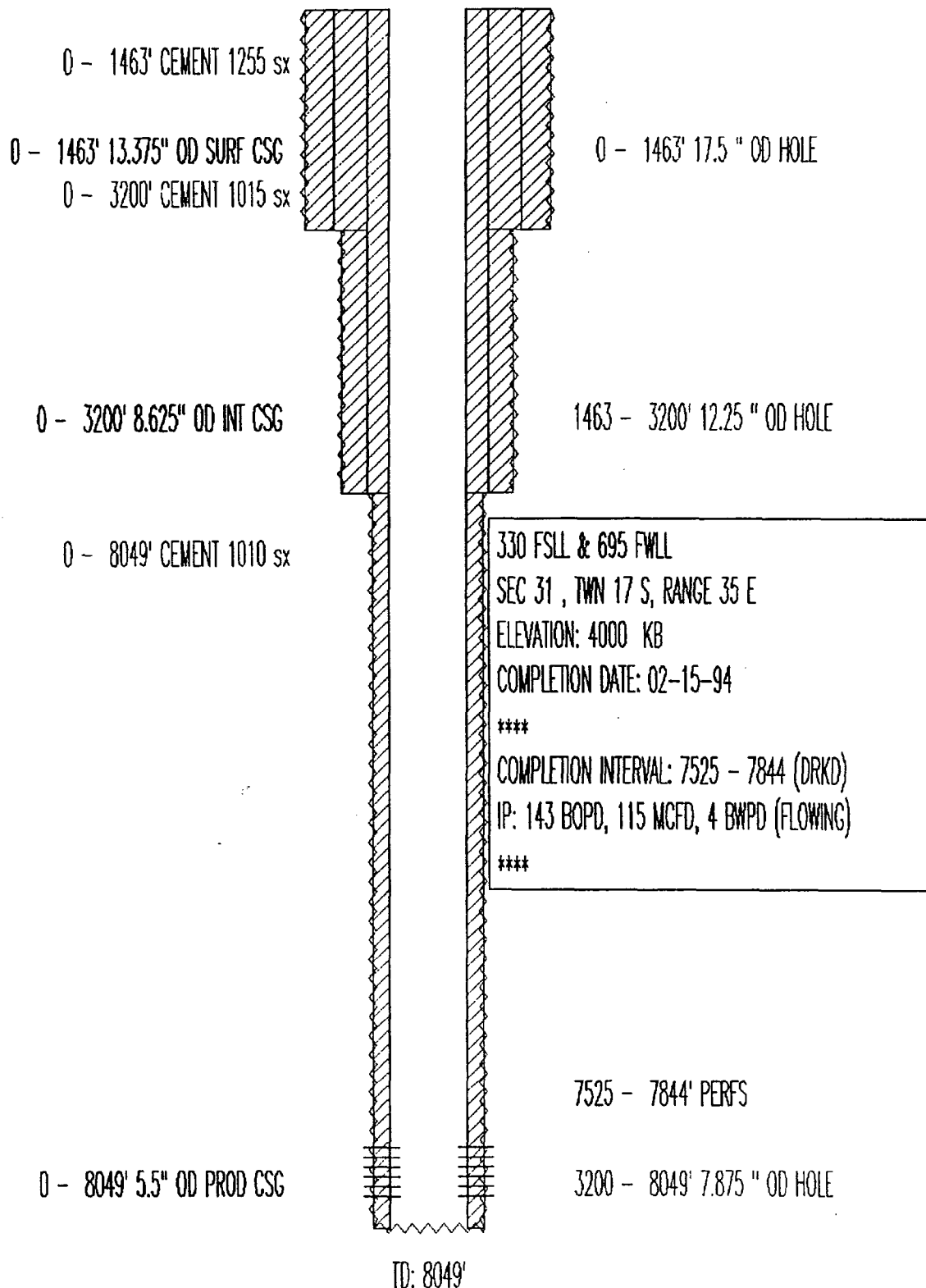
PRODUCING
DRINKARD

PHILLIPS PET
SANTA FE NO. 135
API# 3002532438



PRODUCING
DRINKARD

SHELL WESTERN EXPL & PROD
STATE "D" NO. 3
API# 3002532298



PRODUCING
DRINKARD

SHELL OIL
STATE "E" NO. 2
API# 3002520823

0 - 332' 13.375" OD SURF CSG

0 - 332' CEMENT 300 sx

0 - 332' 17.5 " OD HOLE

332 - 3284' 12.25 " OD HOLE

0 - 3284' 9.625" OD INT CSG

0 - 3284' CEMENT 574 sx

660 FSL & 1700 FWL

SEC 31 , TWN 17 S, RANGE 35 E

ELEVATION: 3984 GR

COMPLETION DATE: 05-11-64

COMPLETION INTERVAL: 5999 - 6101 (PDC)

TRT: 1500 GALS ACID (5999 - 6101)

IP: 120 BOPD, 0 MCFD, 7 BWPD (FLOWING)

3320 - 3320' SQUEEZE PERFS

0 - 3320' CEMENT SQZ TO SURF W/ 1260 SX

5999 - 6223' SQUEEZE PERFS SQZD W/150 SX (PDK)

7618 - 7904' PERFS DRINKARD

8095 - 8098' CIBP

9218 - 9418' ABANDONED PERFS WOLF CAMP

3284 - 10406' 8.5 " OD HOLE

9096 - 9100' CIBP 1 SK CMT CAP

0 - 9505' 7 " OD PROD CSG

3400 - 9505' CEMENT 1800 sx

KB ELEV: 3996'

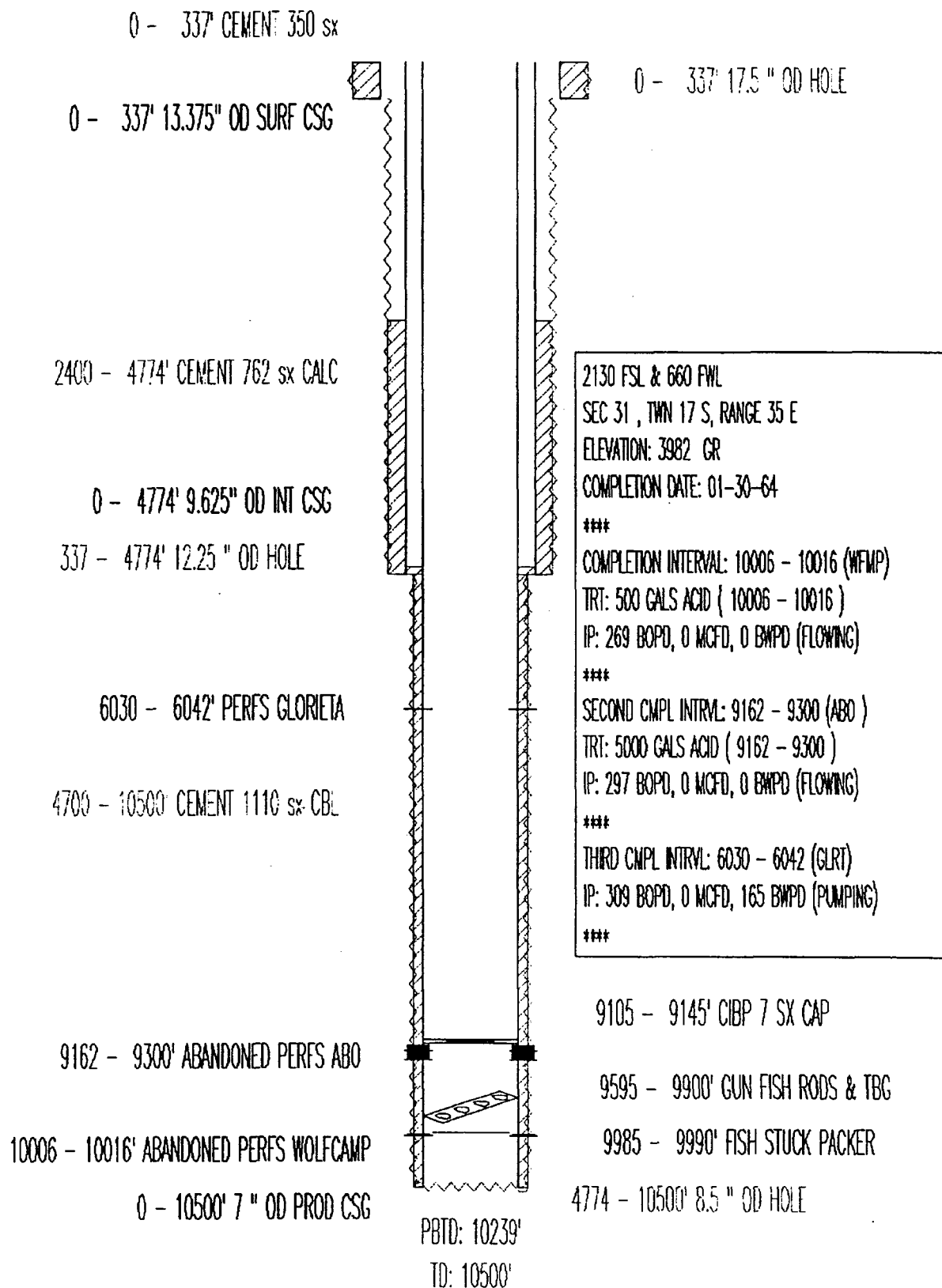
PBTD: 8095'

TD: 10406'

PRODUCING
GLORIETA

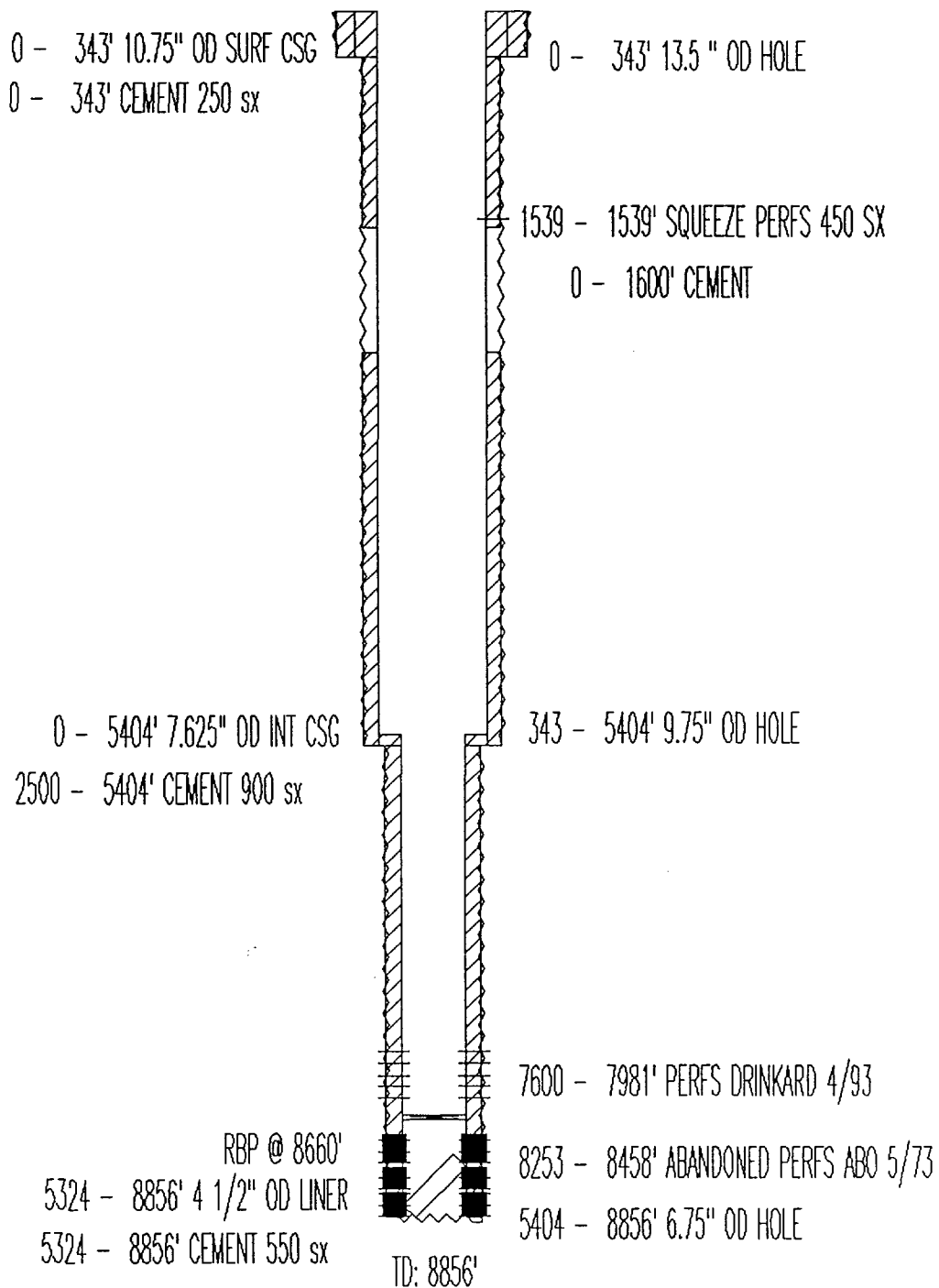
TEXACO
VACUUM GLORIETA WEST UNIT #90
API# 3002520270

FORMERLY
SANTA FE BATTERY 2 NO. 87
PHILLIPS PETROLEUM



SHUT-IN
DRINKARD

TEXACO INC
NEW MEXICO "AB" ST. NO. 3
API# 3002503086



660 FSLL & 1980 FELL
SEC 6 , TWN 18 S, RANGE 35 E
ELEVATION: 3966 GR
COMPLETION DATE: 2-21-93

COMPLETION INTERVAL: 7600 - 7981 (DRNK)

SHUT IN
ABO REEF

TEXACO INC
NEW MEXICO "AB" STATE NO. 4
API# 3002503087

0 - 327' 10 3/4" OD SURF CSG

0 - 327' 15.0" OD HOLE

0 - 327' CEMENT 350 sx

650 - 5228' CEMENT 900 sx

0 - 5228' 7 5/8" OD INT CSG

5108 - 9097' CEMENT 550 sx

1650 FSL & 660 FEL

SEC 6, TWN 18 S, RANGE 35 E

ELEVATION: 3984 DF

COMPLETION DATE: 12-22-61

COMPLETION INTERVAL: 8674 - 8826 (ABRF)

IP: 341 BOPD, 0 MCFD, 0 BWPD (FLOWING)

327 - 5228' 9.875" OD HOLE

8208 - 8439' PERFS ABO 7/73

8483 - 8640' PERFS ABO 1/68

8674 - 8826' PERFS ABO 12/61

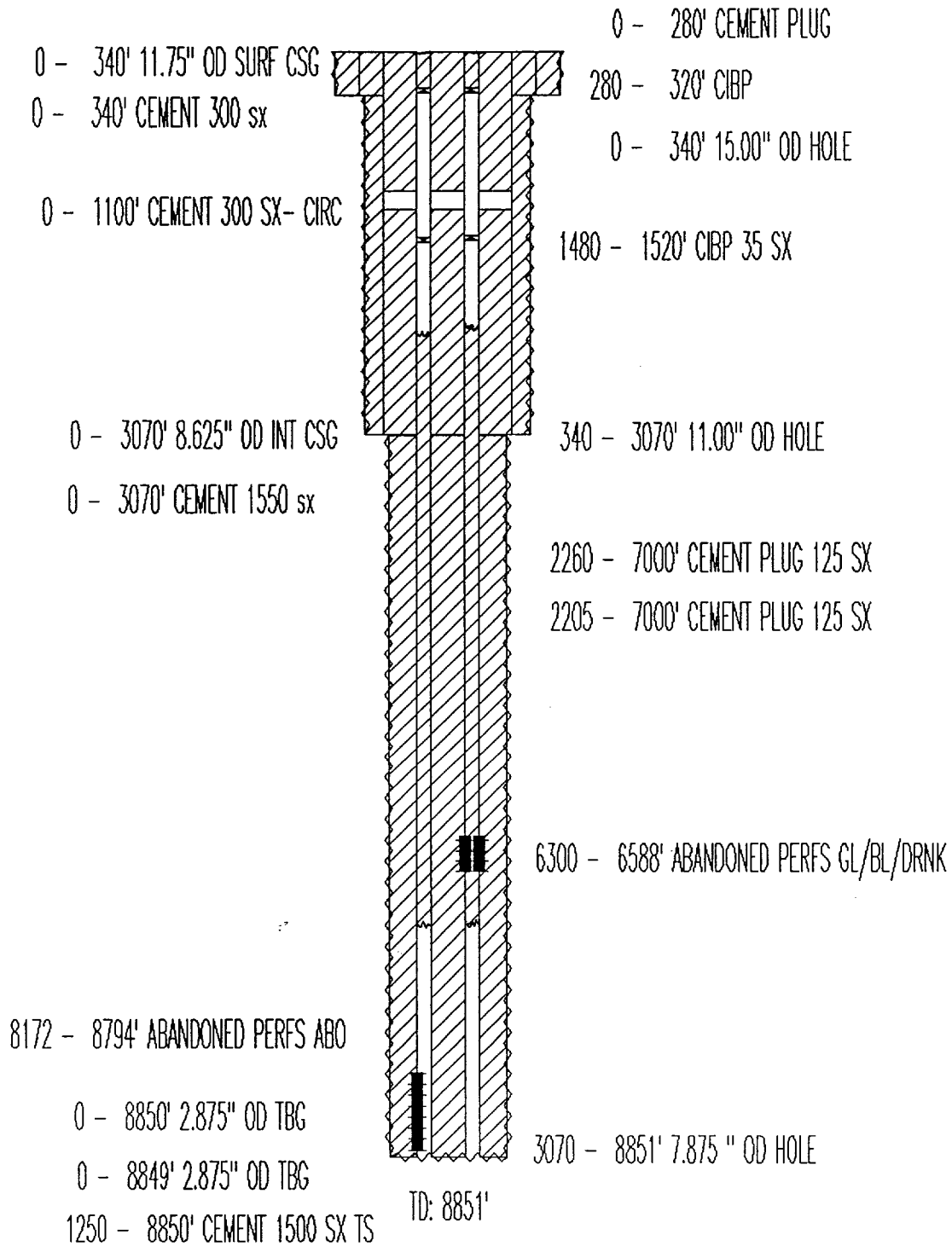
5228 - 9080' 6.75" OD HOLE

PBTD: 9066'

TD: 9080'

P & A 12-05-91

TEXACO INC
NEW MEXICO "AB" STATE NO. 5
API# 3002520163

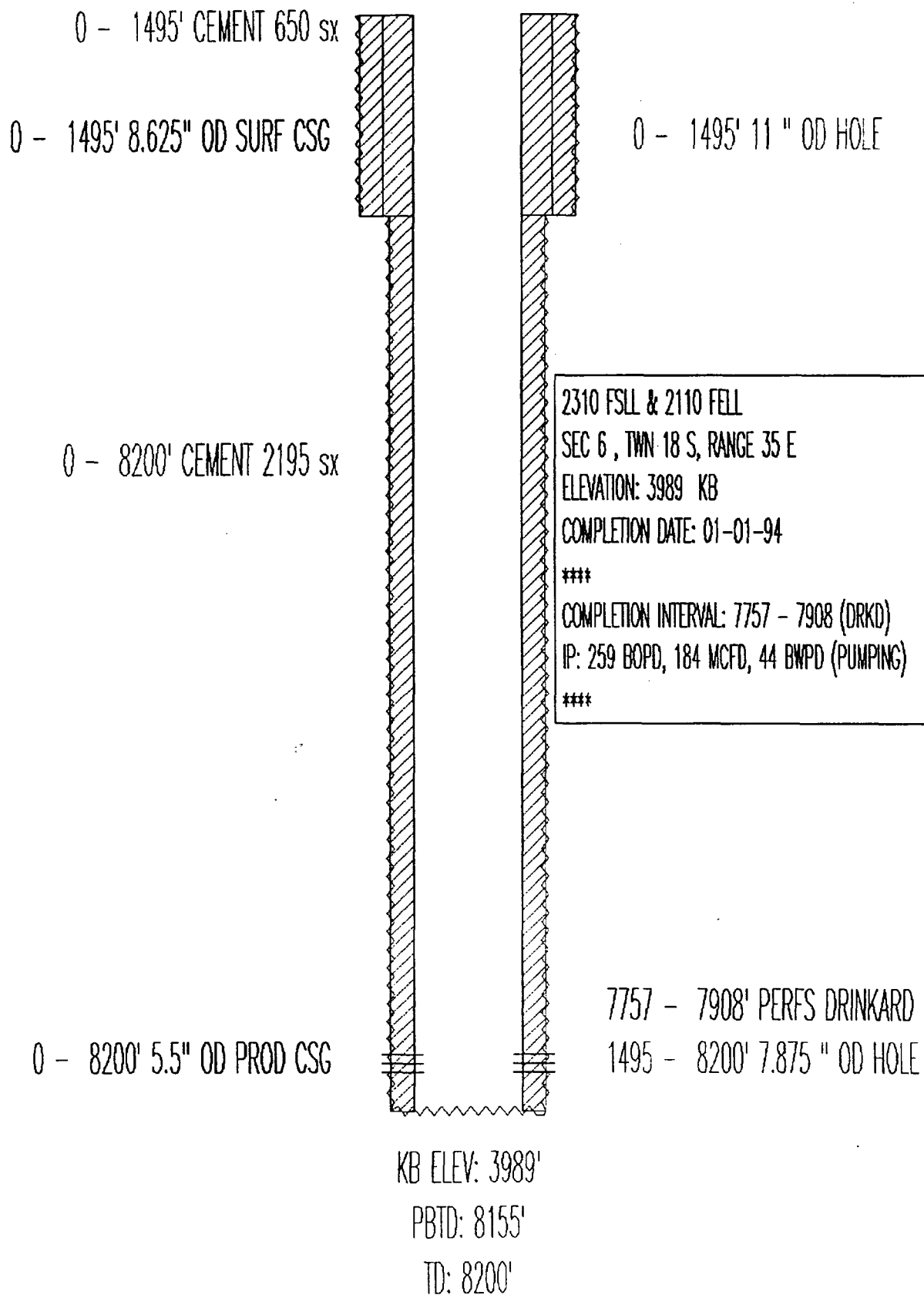


1800 FSLL & 1650 FELL
SEC 6 , TWN 18 S, RANGE 35 E
ELEVATION: 3982 GR
COMPLETION DATE: 03-14-63

COMPLETION INTERVAL: 8694 - 8794 (ABO)

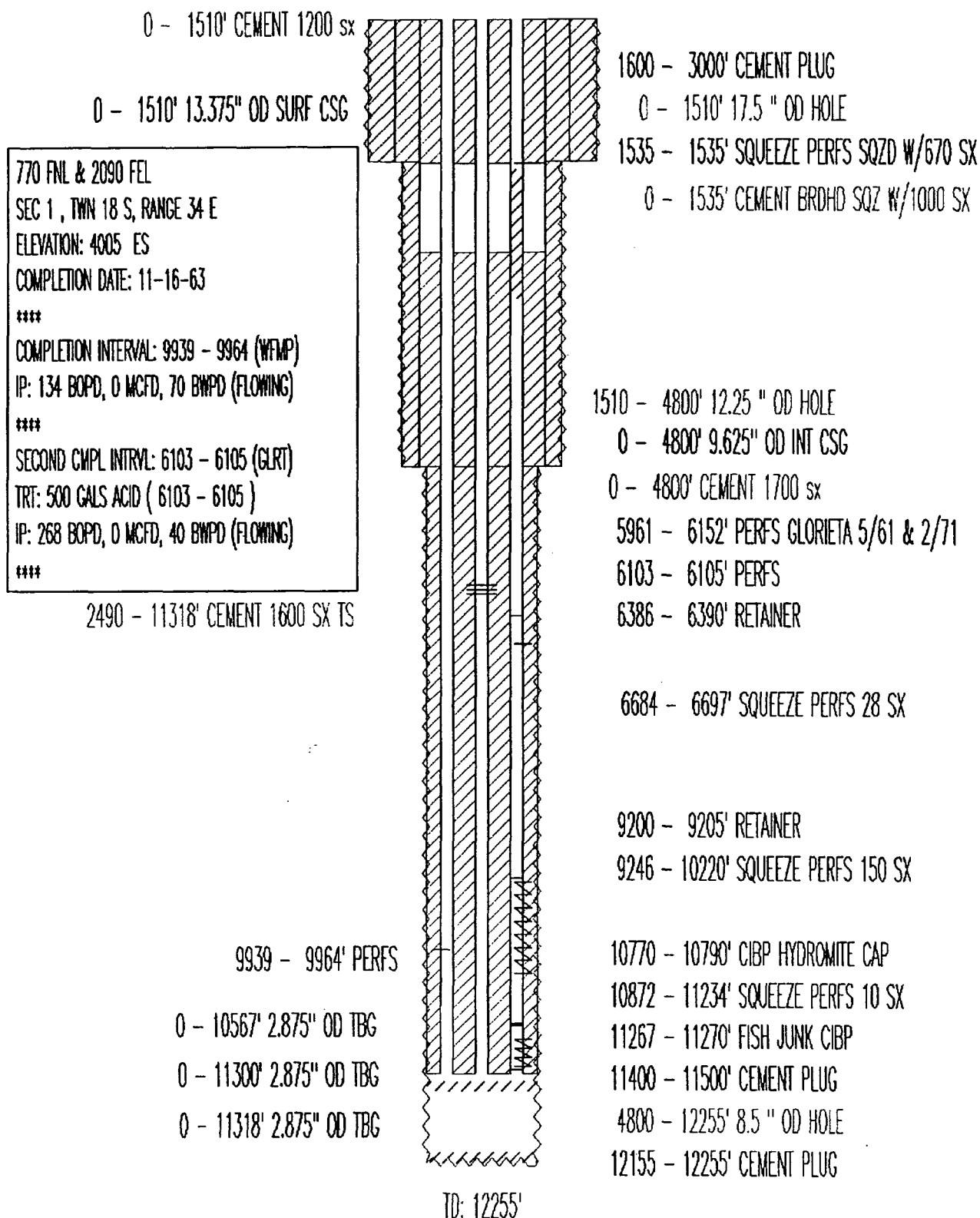
PRODUCING
DRINKARD

TEXACO EXPL & PROD
NEW MEXICO "AB" STATE NO. 10
API# 3002531991

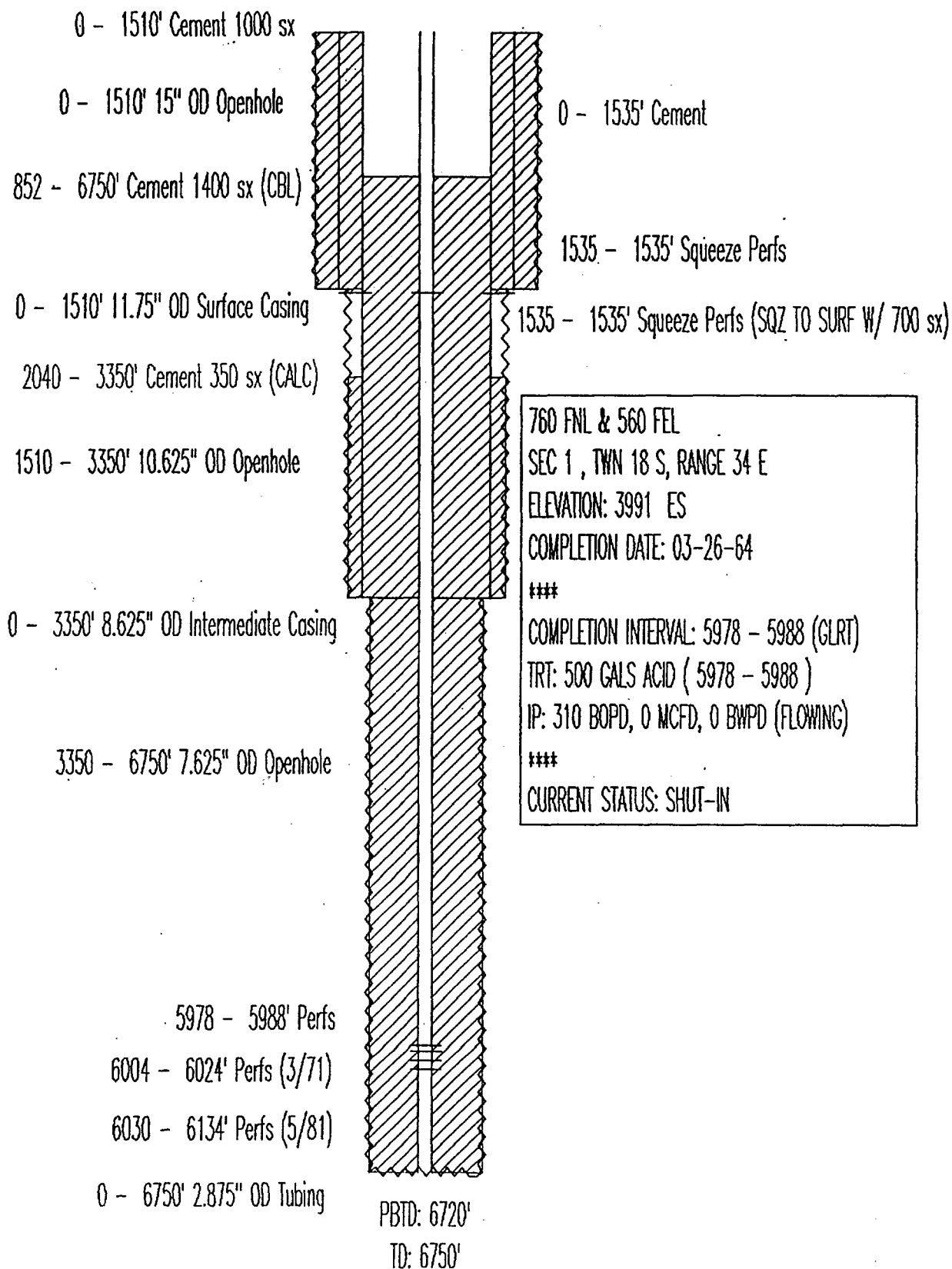


SHUT IN
WOLFECAMP & GLORIETA

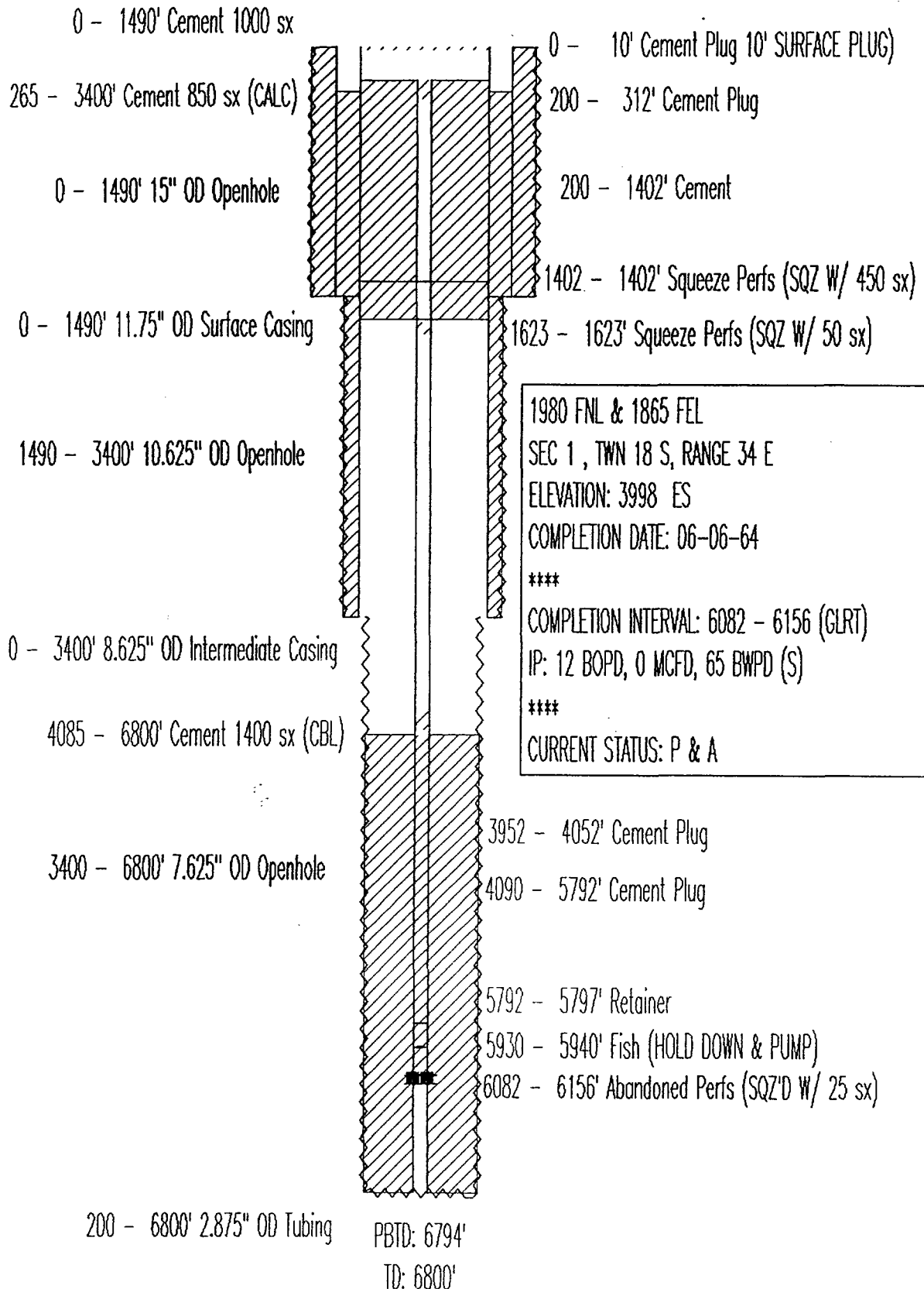
TEXACO INC
NEW MEXICO "L" STATE NO. 6
API# 3002520514



TEXACO
NEW MEXICO L STATE NO. 7
API# 30025209370000

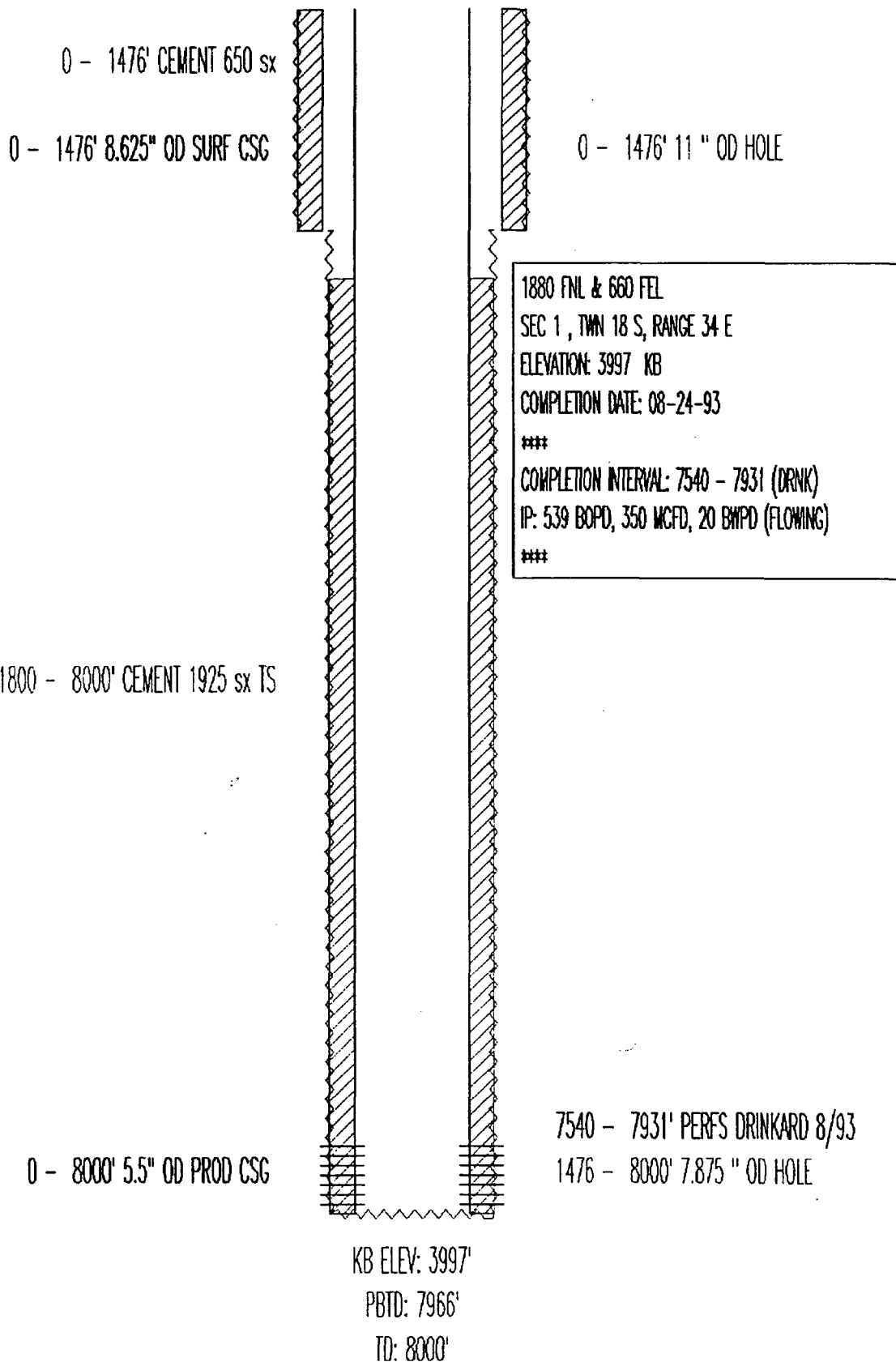


TEXACO
NEW MEXICO L STATE NO. 8
API# 30025209380000



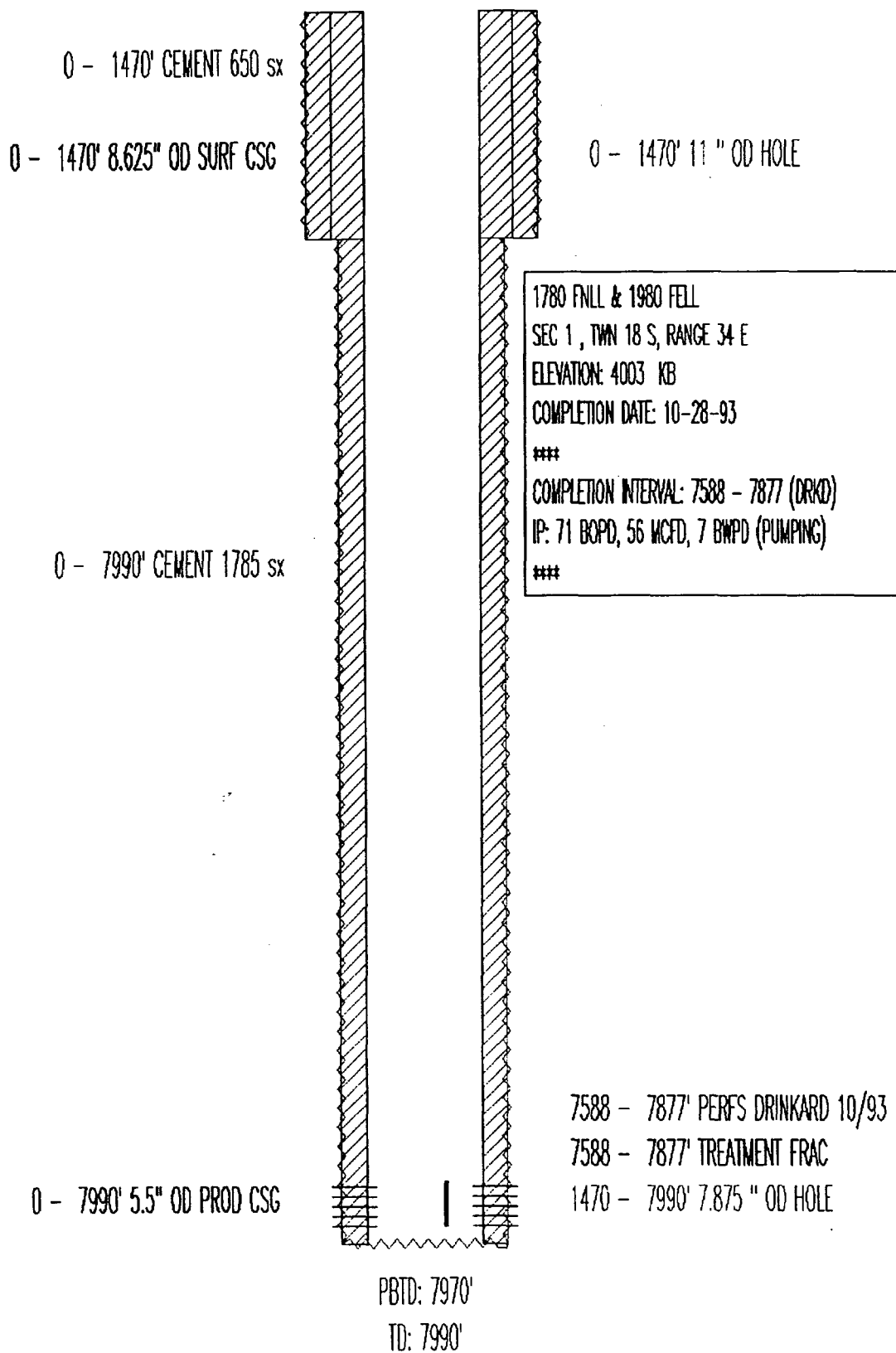
PRODUCING
DRINKARD

TEXACO EXPL & PROD
NEW MEXICO "L" STATE NO. 12
API# 3002531992



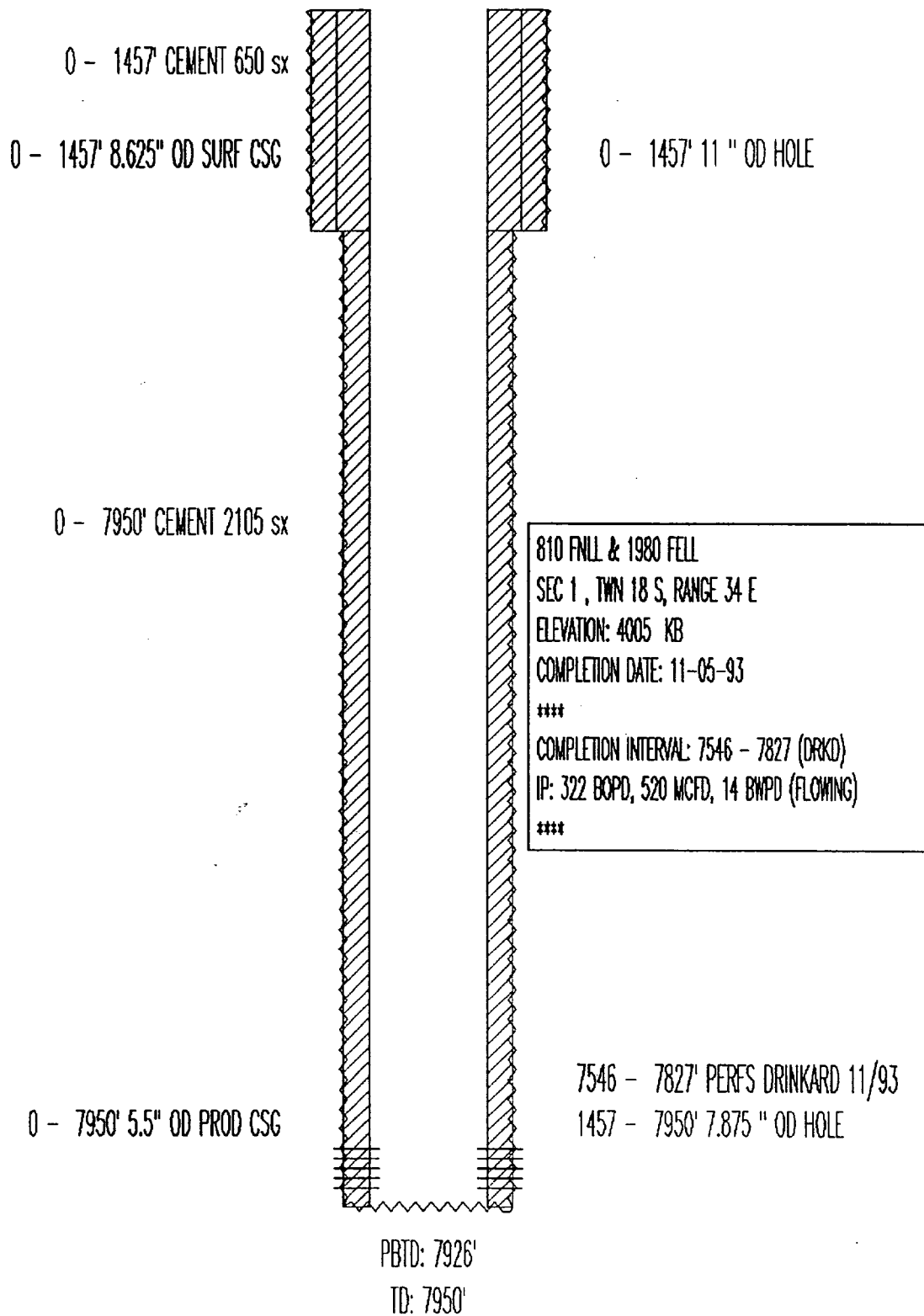
PRODUCING
DRINKARD

TEXACO EXPL & PROD
NEW MEXICO "L" STATE NO. 13
API# 3002532007



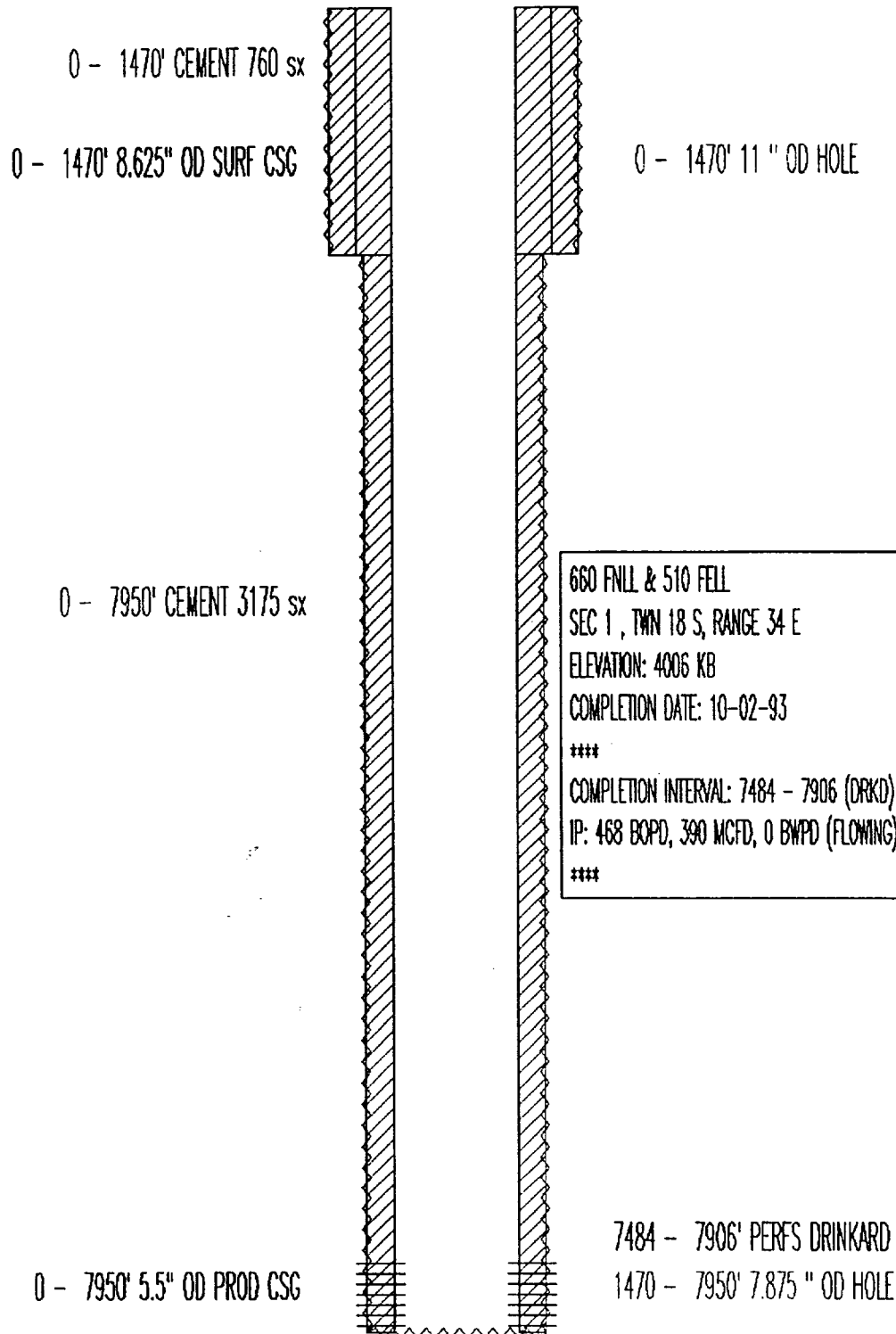
PRODUCING
DRINKARD

TEXACO EXPL & PROD
NEW MEXICO "L" STATE NO. 14
API# 3002532008



PRODUCING
DRINKARD

TEXACO EXPL & PROD
NEW MEXICO "L" STATE NO. 15
API# 3002532009



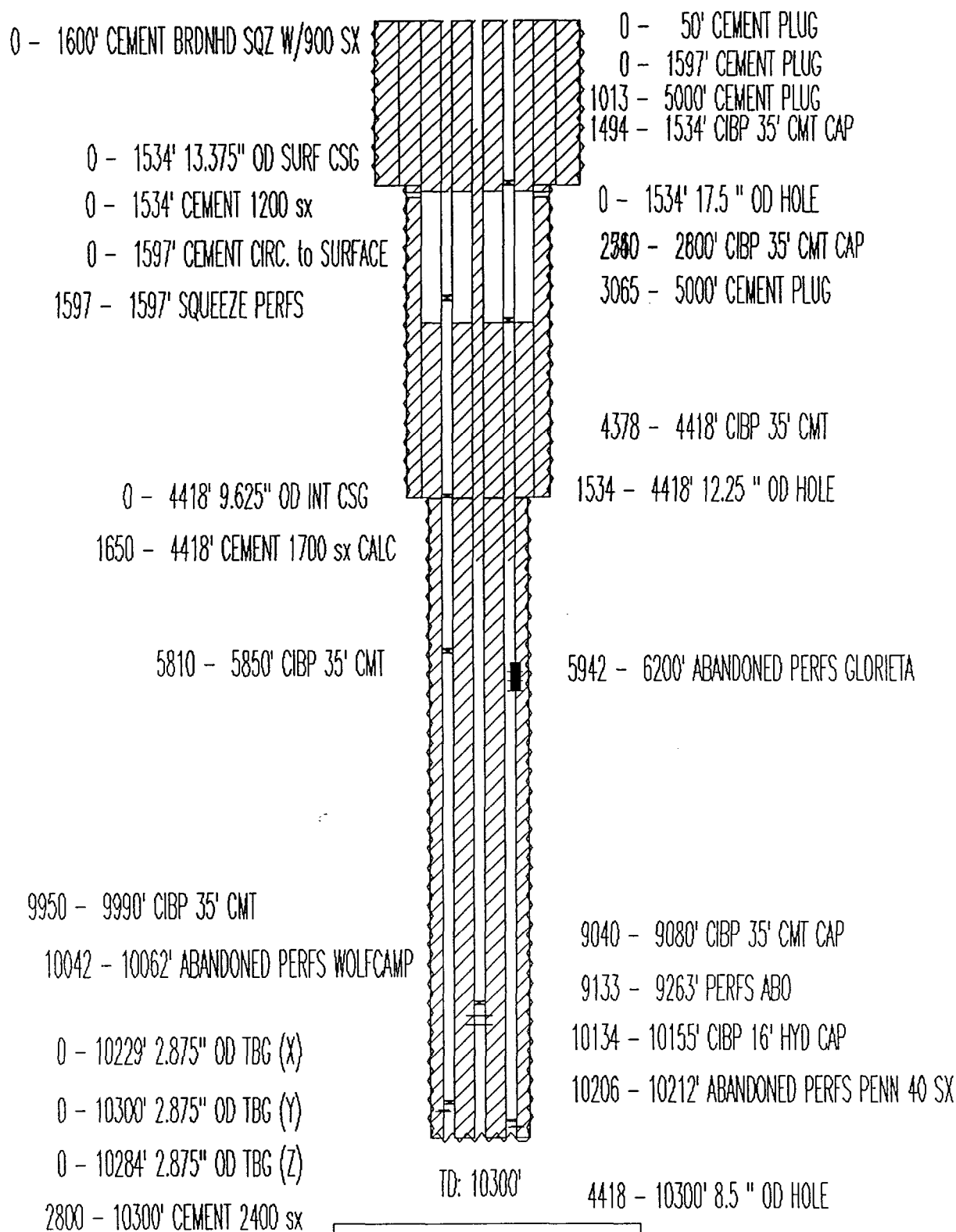
660 FNLL & 510 FELL
SEC 1 , TWN 18 S, RANGE 34 E
ELEVATION: 4006 KB
COMPLETION DATE: 10-02-93

COMPLETION INTERVAL: 7484 - 7906 (DRKD)
IP: 468 BOPD, 390 MCFD, 0 BWPD (FLOWING)

KB ELEV: 4006'
PBD: 7930'
TD: 7950'

P&A 6 23 92
GLOR/ ABO/ WC

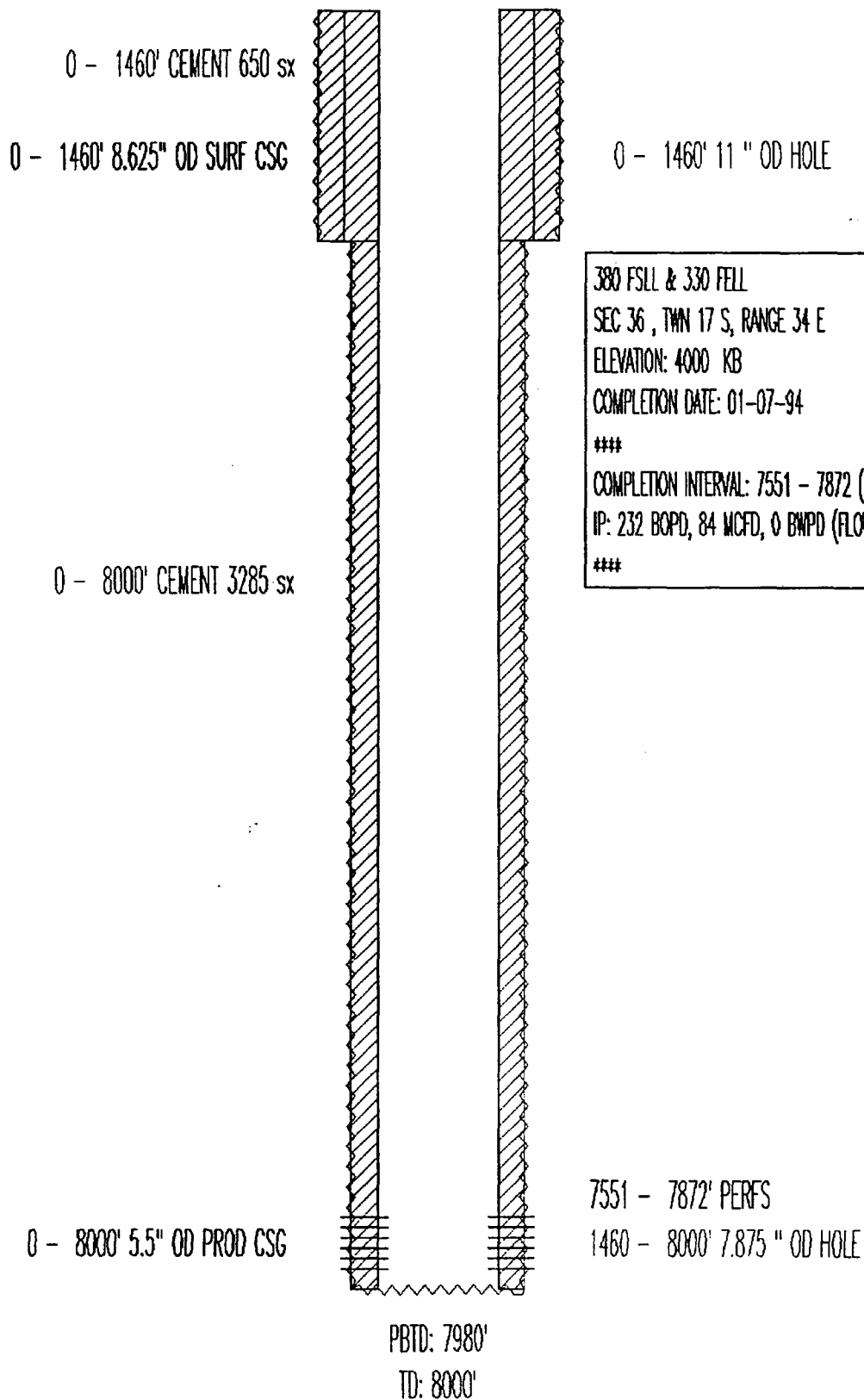
TEXACO INC
NEW MEXICO "O" STATE NO. 24
API# 3002520946



860 FSL & 660 FEL
SEC 36 , TWN 17 S, RANGE 34 E
ELEVATION: 3995 KB
COMPLETION DATE: 07-04-64

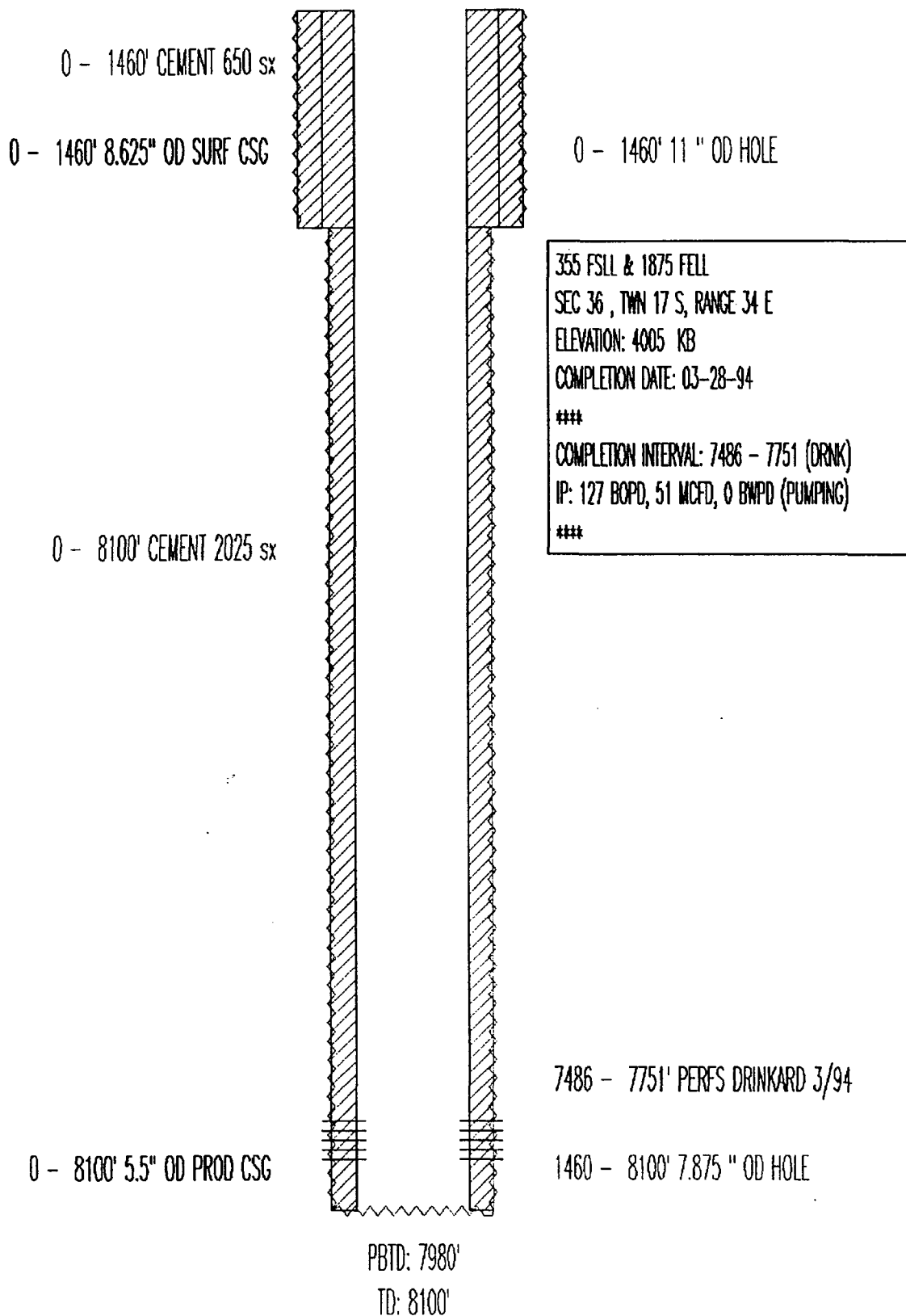
PRODUCING
DRINKARD

TEXACO EXPL & PROD
NEW MEXICO "O" STATE NO. 34
API# 3002532271

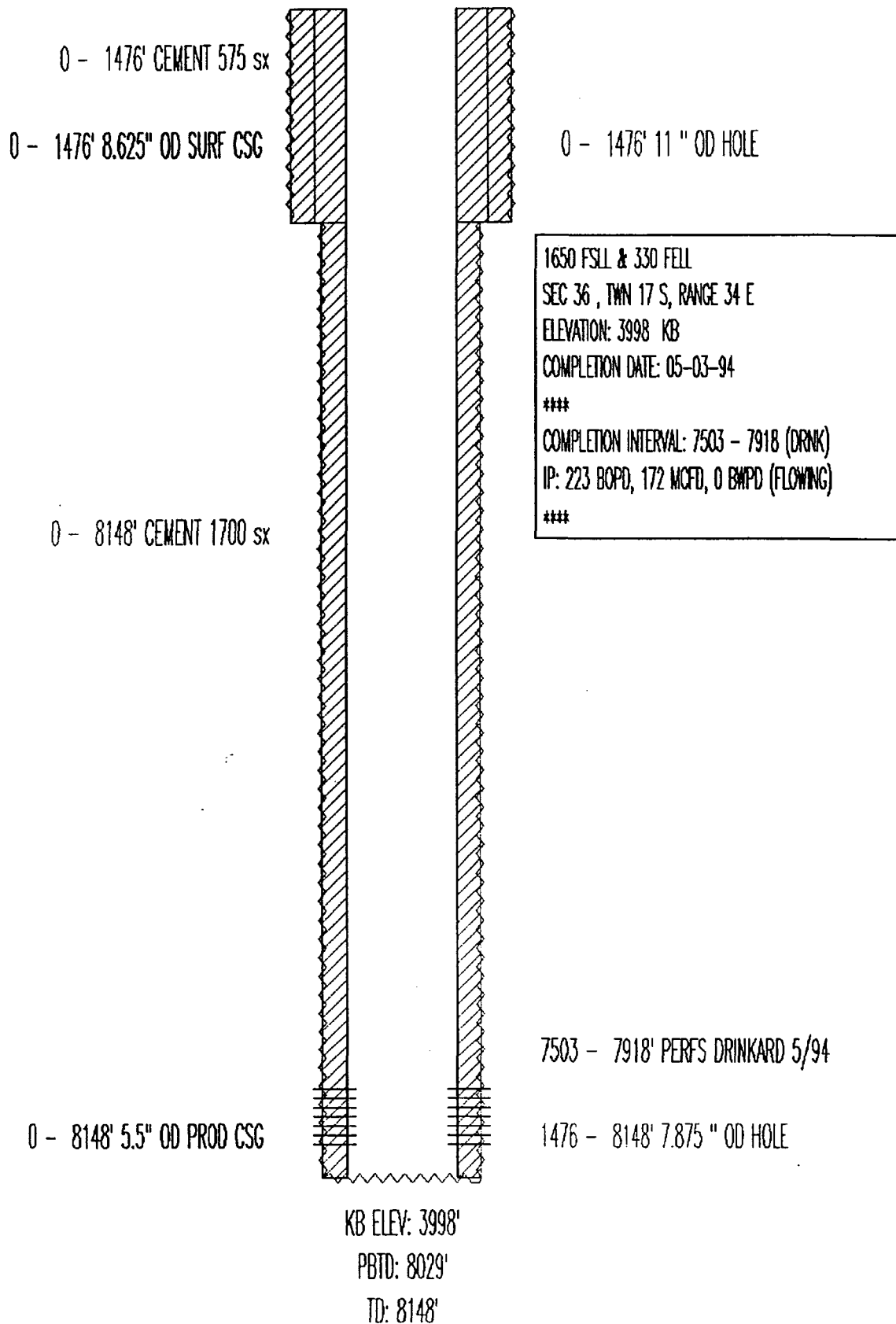


PRODUCING
DRINKARD

TEXACO EXPL & PROD
NEW MEXICO "O" STATE NO. 35
API# 3002532338

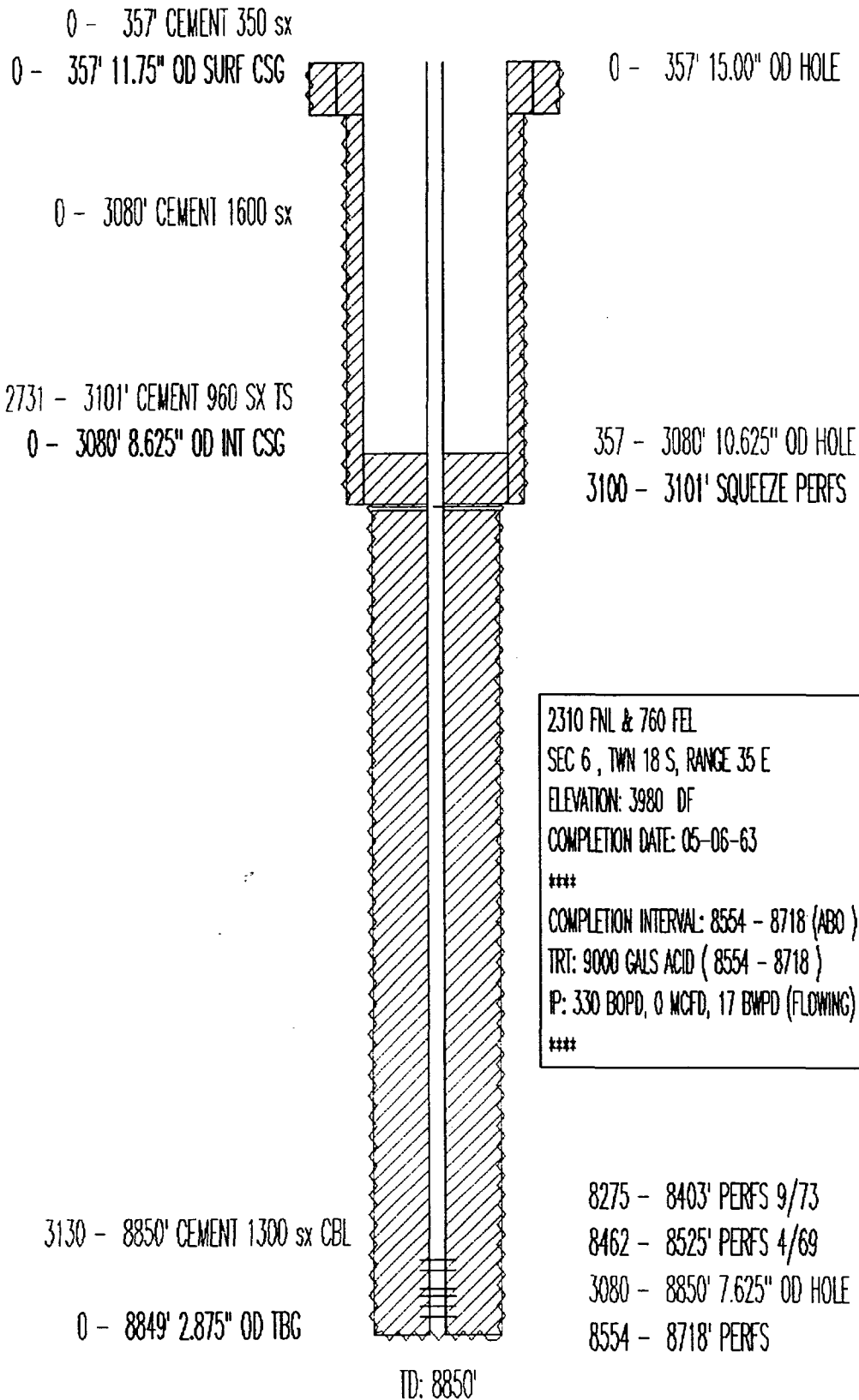


TEXACO EXPL & PROD
NEW MEXICO "O" STATE NO. 37
API# 3002532450



SHUT IN
ABO REEF

TEXACO INC
NEW MEXICO "R" ST. NCT-1 NO. 6
API# 3002520053



P&A: 5-05-93

TEXACO INC
NEW MEXICO "R" ST. NCT-1 NO. 7
API# 3002520503

0 - 360' 11.75" OD SURF CSG

0 - 360' CEMENT 400 sx

0 - 3032' 8.625" OD INT CSG

0 - 3032' CEMENT 1650 sx

2310 FNL & 1650 FEL

SEC 6 , T14N 18 S, RANGE 35 E

ELEVATION: 3983 ES

COMPLETION DATE: 07-29-63

COMPLETION INTERVAL: 8533 - 8689 (ABO-)

TRT: 9000 GALS ACID (8533 - 8689)

IP: 197 BOPD, 0 MCFD, 0 BWPD (FLOWING)

0 - 8847' 2.875" OD TBG

3060 - 8850' CEMENT 1550 sx CBL

0 - 1600' CEMENT PLUG

0 - 360' 15.00" OD HOLE

1590 - 1590' SQUEEZE PERFS

0 - 1600' CEMENT 430 sx

3000 - 3040' CIBP 1 sk

360 - 3032' 10.625" OD HOLE

4010 - 4050' CIBP 1 sk

5910 - 5950' CIBP 1 sk

8525 - 8530' RETAINER SQZD W/ 200 SX

8245 - 8689' PERFS 9/73

3032 - 8850' 7.625" OD HOLE

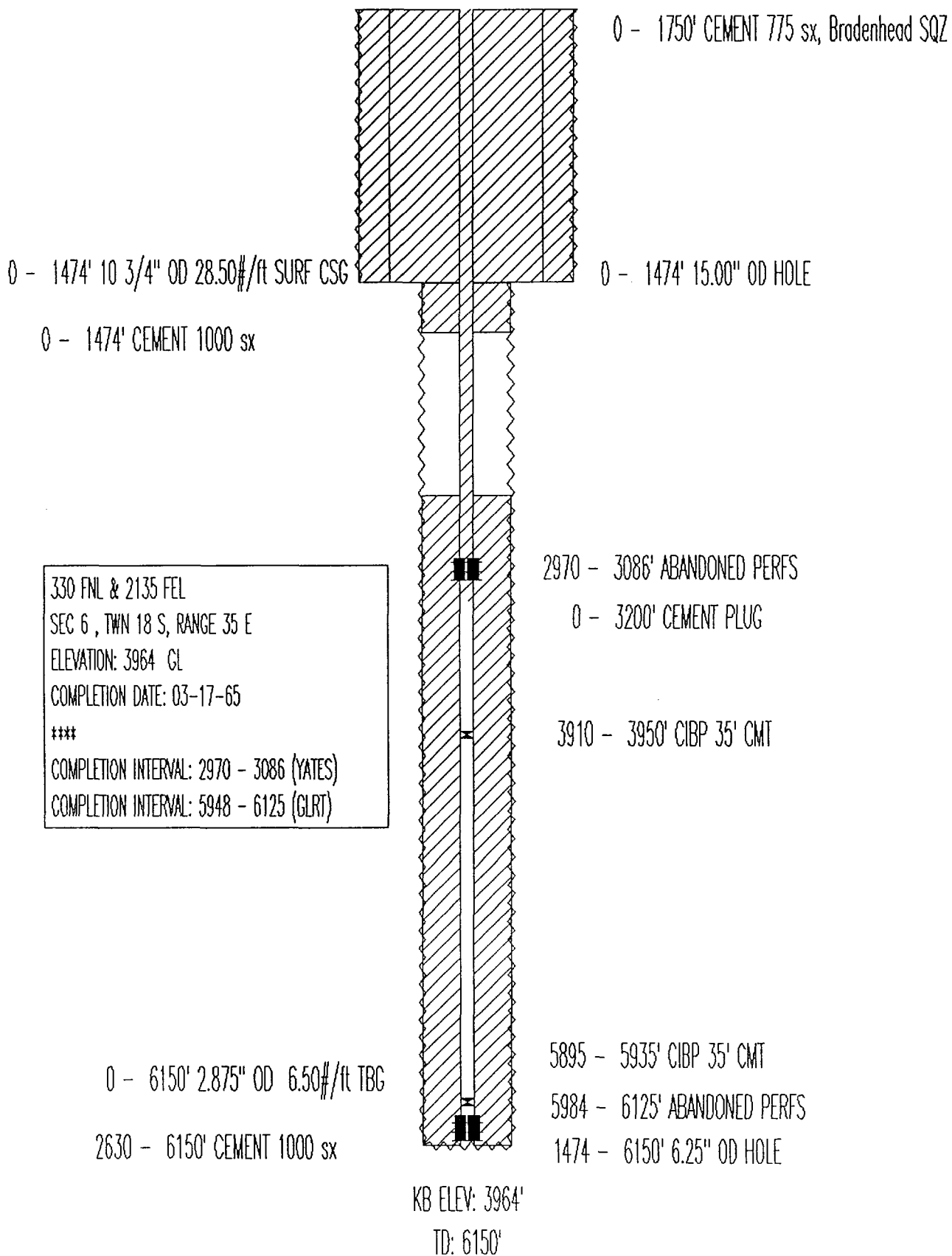
KB ELEV: 3983'

PBTD: 8525'

TD: 8850'

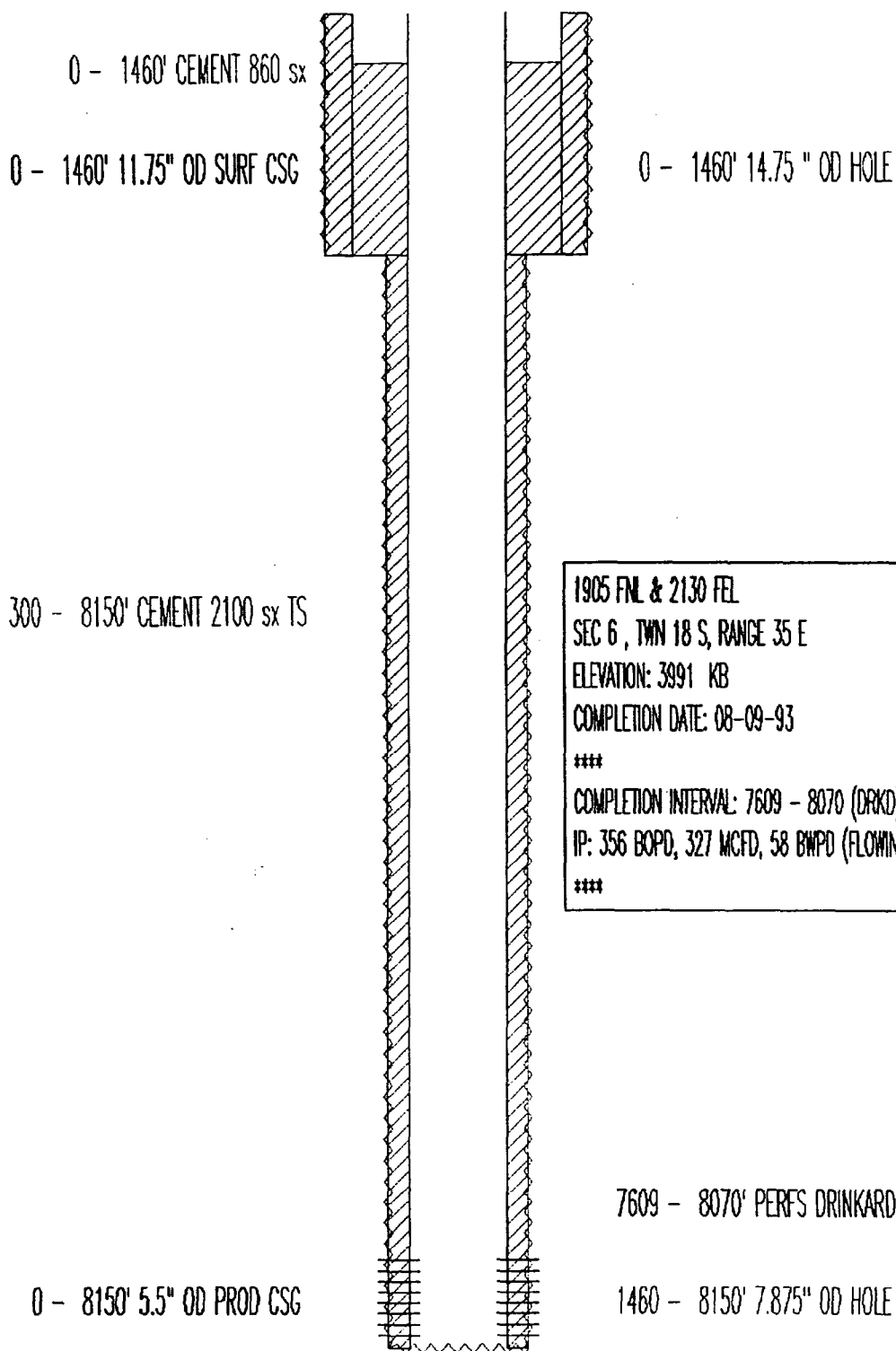
P&A: 8-30-91

TEXACO INC
NEW MEXICO "R" ST. NCT-1 NO.10
API# 3002521109



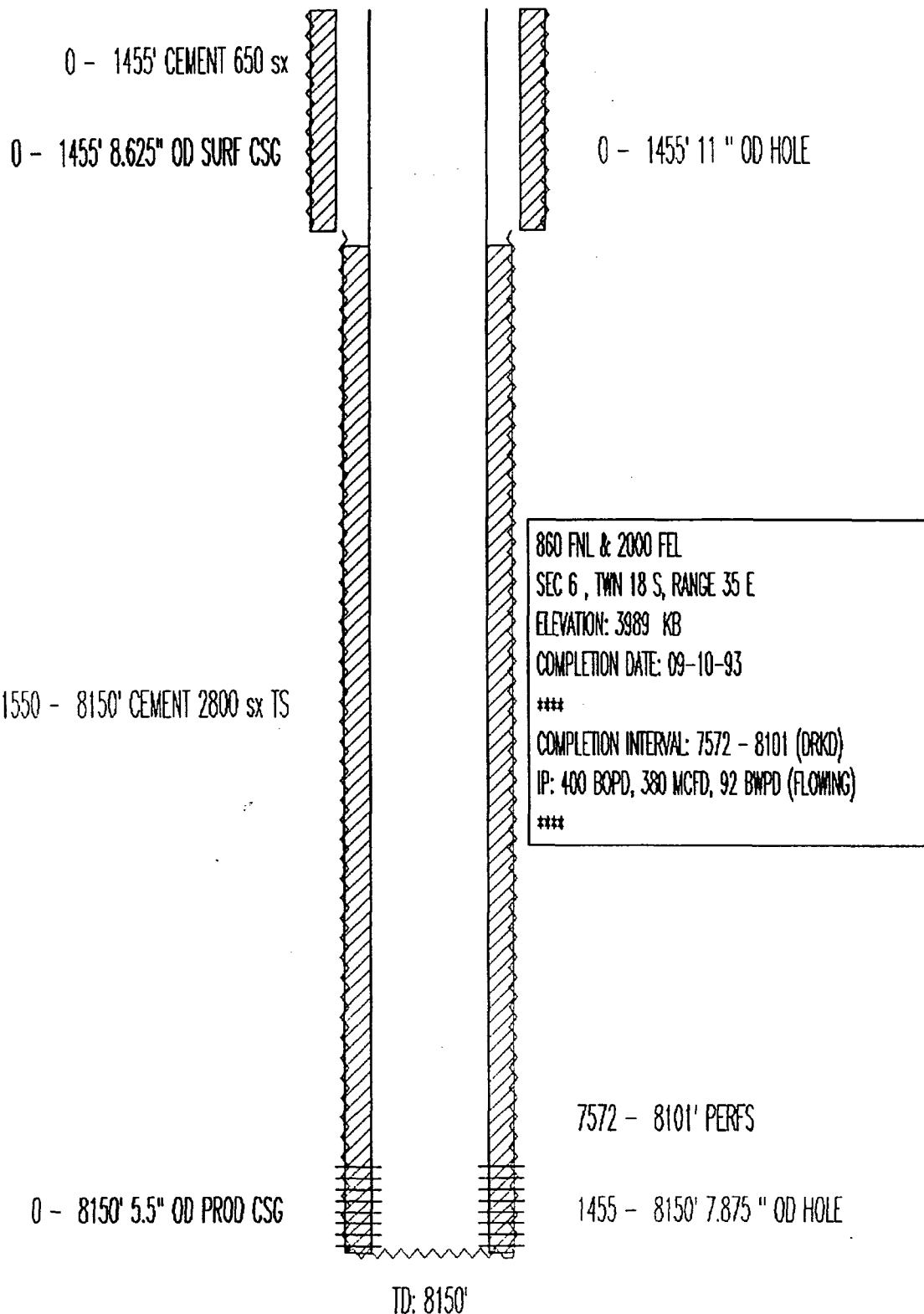
PRODUCER
DRINKARD

TEXACO EXPL & PROD
NEW MEXICO "R" ST. NCT-1 NO. 13
API# 3002531990



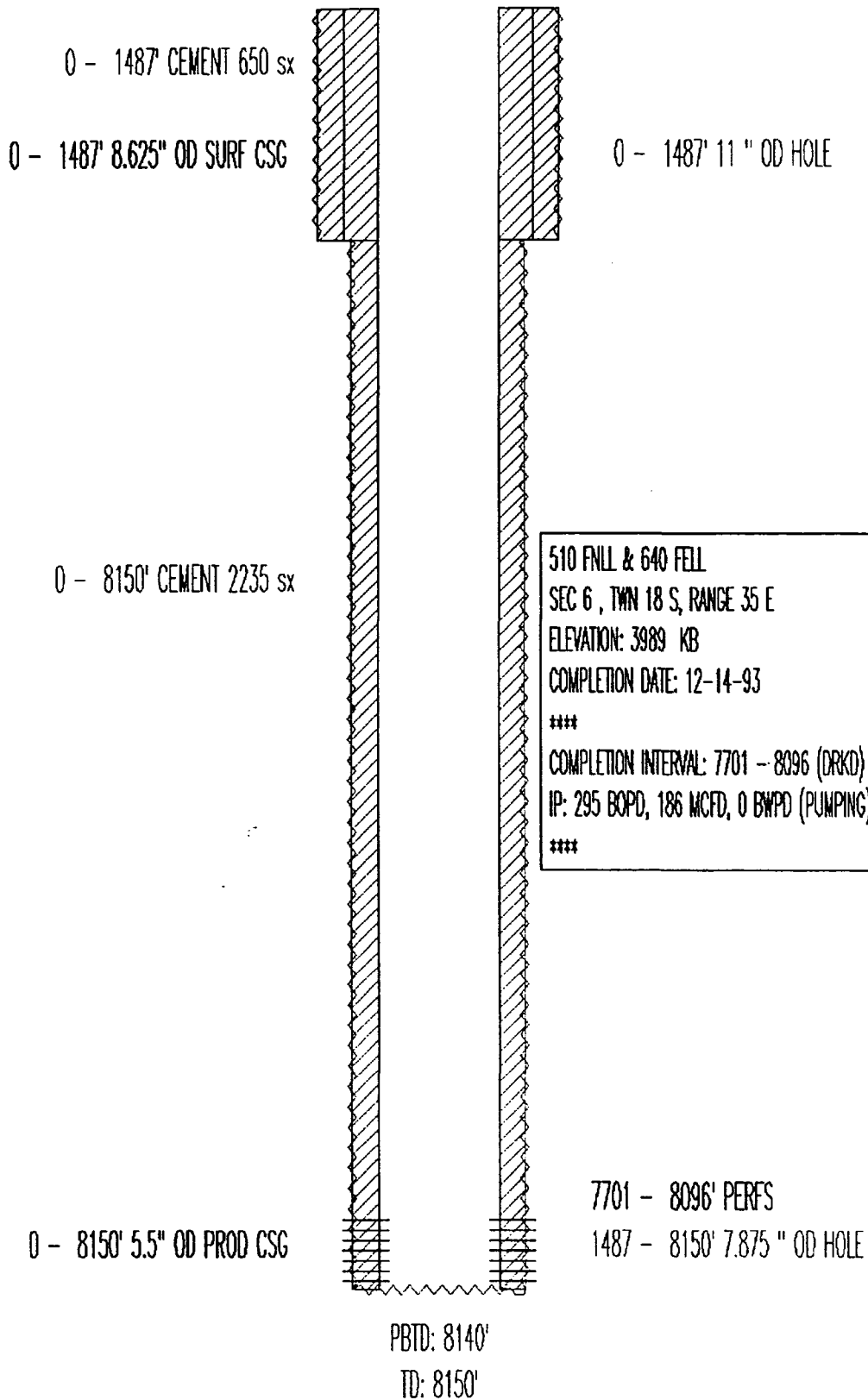
KB ELEV: 3991'
PBD: 8112'
TD: 8150'

TEXACO EXPL & PROD
NEW MEXICO "R"ST. NCT-1 NO.14
API# 3002532018



PRODUCING
DRINKARD

TEXACO EXPL & PROD
NEW MEXICO "R" ST. NCT-1 NO. 15
API# 3002532019



P & A

TEXACO INC
NEW MEXICO "R" ST. NCT-3 NO. 15
API# 3002520950

0 - 355' 13.375" OD SURF CSG

0 - 355' CEMENT PLUG

435 - 435' SQUEEZE PERFS

1560 - 1660' CEMENT PLUG

500 - 4800' CEMENT 1700 sx

2720 - 2820' CEMENT PLUG

0 - 4800' 9.625" OD INT CSG

4700 - 4820' CEMENT PLUG

355 - 4800' 12.25 " OD HOLE

5965 - 6000' CIBP 35' CMT CAP

4820 - 10200' CEMENT 2400 sx

8405 - 8440' CIBP 35' CMT CAP

8495 - 8706' ABANDONED PERFS ABO

9765 - 9800' CIBP 35' CMT CAP

4820 - 10200' 2.875" OD TBG

4820 - 10200' 2.875" OD TBG

4800 - 10200 8.5 " OD HOLE

0 - 455' CEMENT PLUG

0 - 355' 17.5 " OD HOLE

487 FSL & 560 FEL

SEC 1 , TWN 18 S, RANGE 34 E

ELEVATION: 3996 ES

COMPLETION DATE: 06-05-64

COMPLETION INTERVAL: 8495 - 8706 (ABO)

TRT: 11500 GALS ACID (8495 - 8706)

IP: 142 BOPD, 0 MCFD, 120 BWPD (S)

5965 - 6000' CIBP 35' CMT CAP

8405 - 8440' CIBP 35' CMT CAP

9765 - 9800' CIBP 35' CMT CAP

9852 - 9862' ABANDONED PERFS WOLF CAMP

9923 - 9925' CIBP

9958 - 9959' ABANDONED PERFS WOLF CAMP

9968 - 9978' SQUEEZE PERFS WOLF CAMP

TD: 10200'

PRODUCING
DRINKARD

TEXACO PROD
NEW MEXICO "R" ST. NCT-3 NO. 24
API# 3002529925

0 - 40' CEMENT REDIMIX
0 - 407' CEMENT 1000 SX
0 - 40' 40" OD SURF CSG
0 - 407' 26" OD SURF CSG
0 - 1565' 20" OD INT CSG
0 - 1565' CEMENT 2150 SX

0 - 5000' 9 5/8" OD INT CSG
0 - 5000' CEMENT 3700 SX
1565 - 5000' 12.25" OD HOLE

7982 - 8000' CIBP 18' CMT CAP
5000 - 11100' 8.75" OD HOLE
0 - 11100' CEMENT 2050 SX
0 - 11100' 7" OD PROD CSG
10115 - 10150' CIBP 35' CMT CAP
11060 - 11100' CIBP 40' CMT CAP
10710 - 10750' CIBP 40' CMT CAP
10799 - 11676' 5" OD LINER
10799 - 11676' CEMENT 175 SX
11100 - 11994' 6.25" OD HOLE

0 - 40' 48" OD HOLE
40 - 407' 30" OD HOLE
407 - 1565' 24" OD HOLE

860 FSL & 660 FEL
SEC 1, TWN 18 S, RANGE 34 E
ELEVATION: 4011 KB
COMPLETION DATE: 11-18-87
TESTED DEVONIAN, LOWER MISS, AND UPPER PENN
NOT PRODUCED
PLUGGED BACK TO VACUUM DRINKARD 12-4-92

7638 - 7900' PERFS DRINKARD

10192 - 10263' ABANDONED PERFS UPPER PENN

11612 - 11652' CIBP 40' CMT CAP

11192 - 11238' ABANDONED PERFS LOWER MISS

11812 - 11912' CEMENT PLUG

11915 - 11994' TREATMENT DEVONIAN-ACID 100% H2O

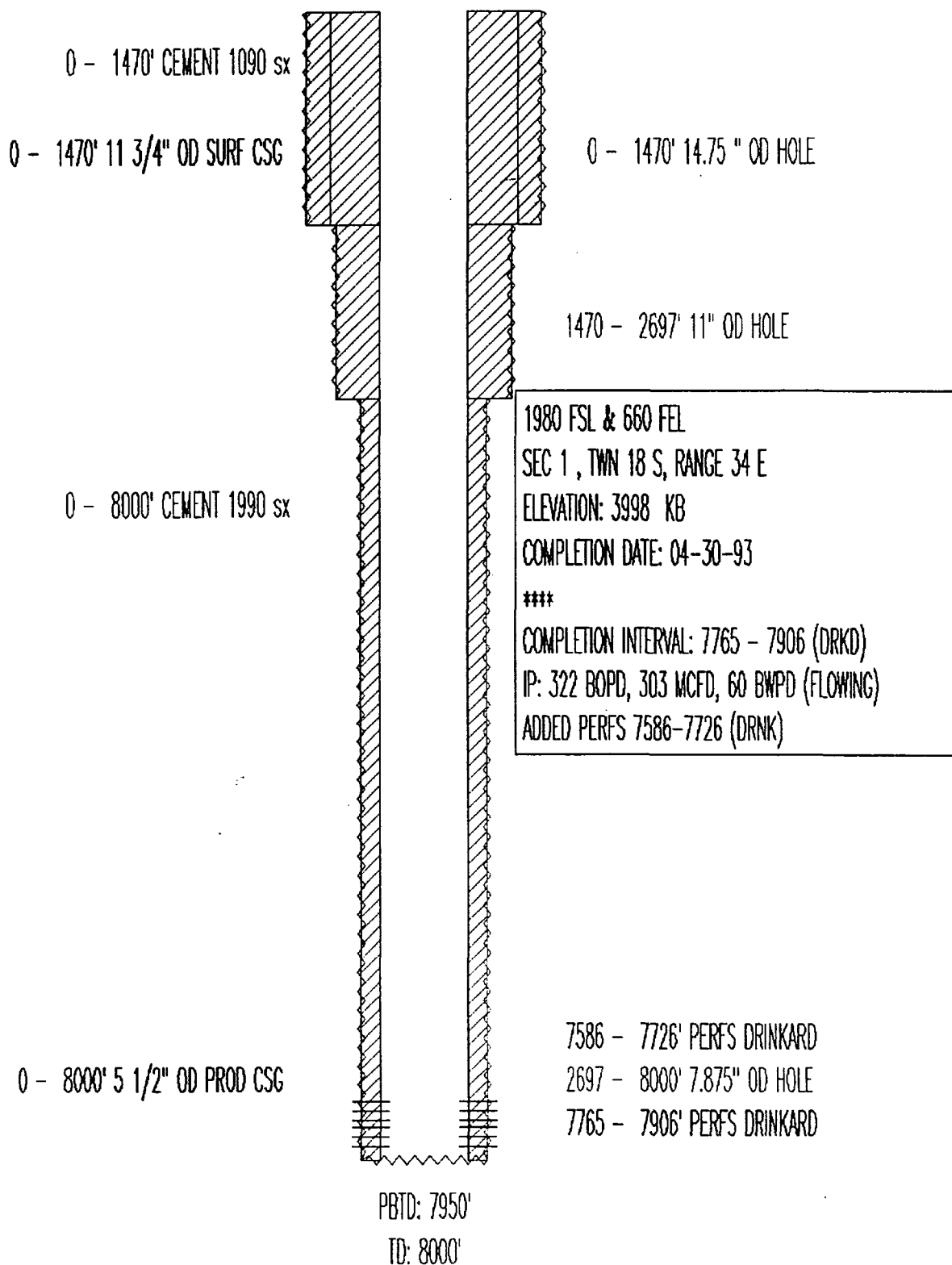
KB ELEV: 4011'

PBTD: 7982'

TD: 11994'

PRODUCING
DRINKARD

TEXACO EXPL & PROD
NEW MEXICO "R" ST. NCT-3 NO. 25
API# 3002531930



SHUT IN
DRINKARD

TEXACO EXPL & PROD
NEW MEXICO "R" ST. NCT-3 NO. 27
API# 3002532004

