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Phase I C-108 Application
Updated
May-00

May-00

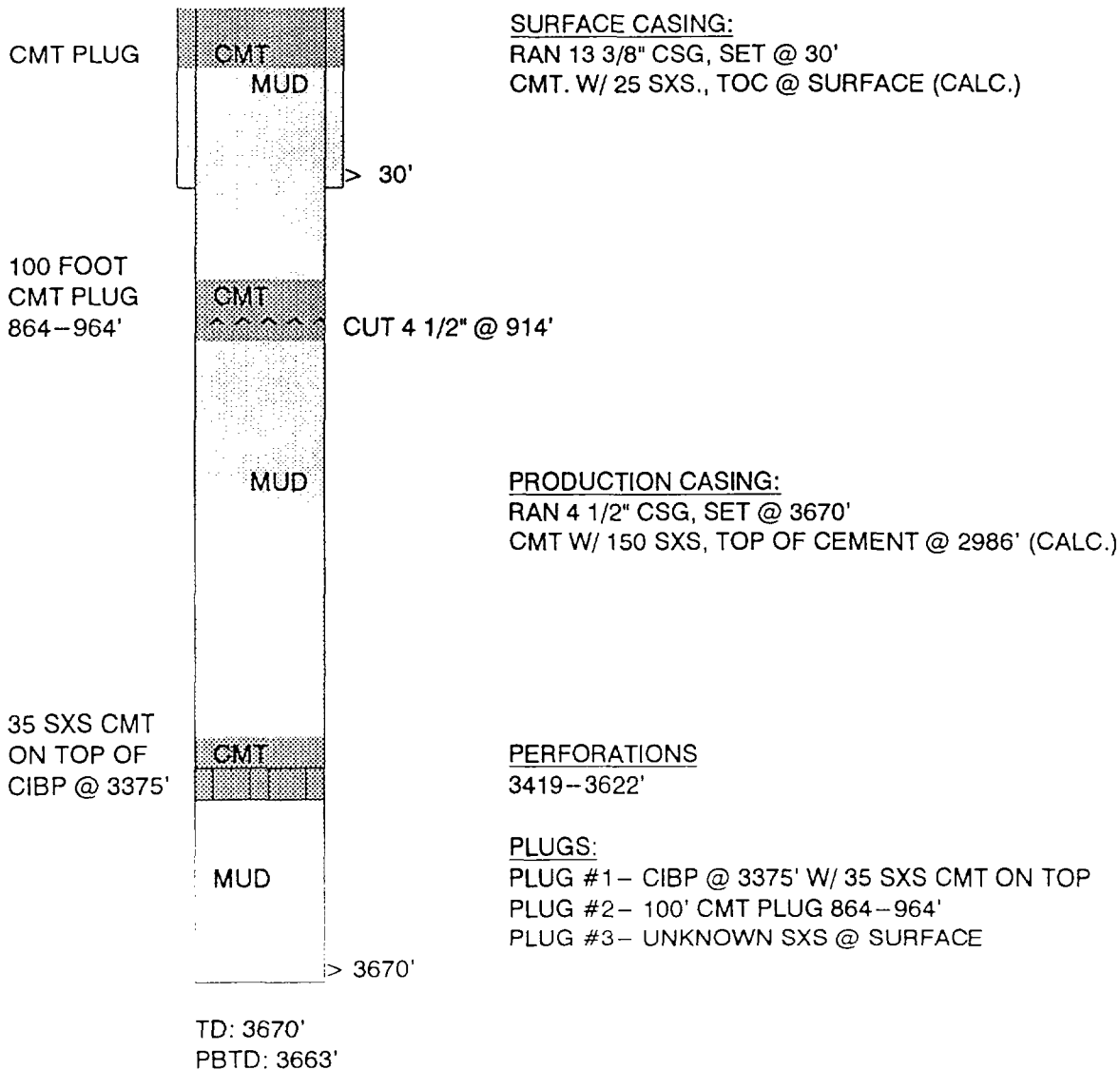
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GP II ENERGY, INC.

P & A WELLBORE DIAGRAM

WELL: KENNEDY FEDERAL #3
FIELD: SQUARE LAKE
INTERVAL: GB-SA

LOCATION:
660' FNL & 1650' FWL
SEC 28, T-16-S, R-31-E
EDDY COUNTY, NEW MEXICO

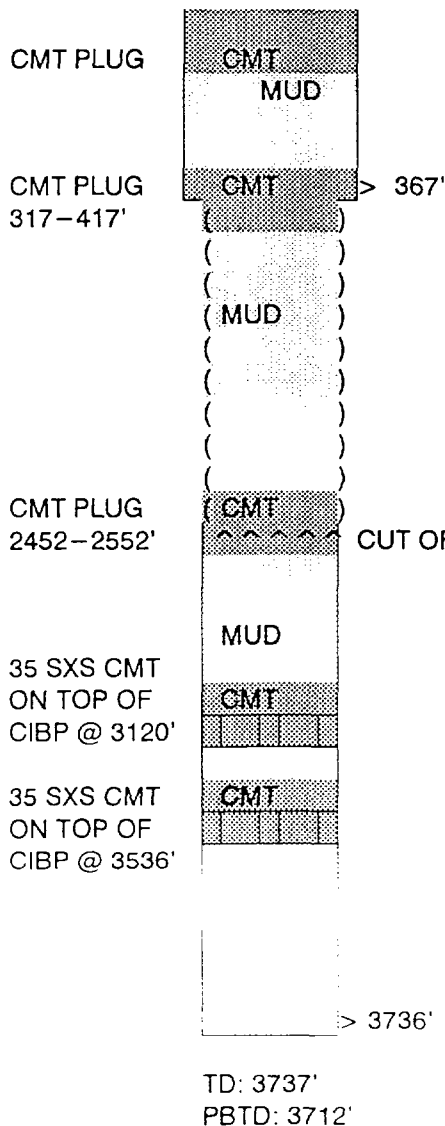


GP II ENERGY, INC.

P & A WELLBORE DIAGRAM

WELL: KENNEDY FEDERAL #4
FIELD: SQUARE LAKE
INTERVAL: GB-SA

LOCATION:
660' FNL & 660' FEL
SEC 28, T-16-S, R-31-E
EDDY COUNTY, NEW MEXICO



SURFACE CASING:
RAN 8 5/8" CSG, SET @ 367'
CMT. W/ 210 SXS., TOC @ SURFACE (CALC.)

PRODUCTION CASING:
RAN 5 1/2" CSG, SET @ 3736'.
CMT W/ 150 SXS, TOP OF CEMENT @ 2822' (CALC.)

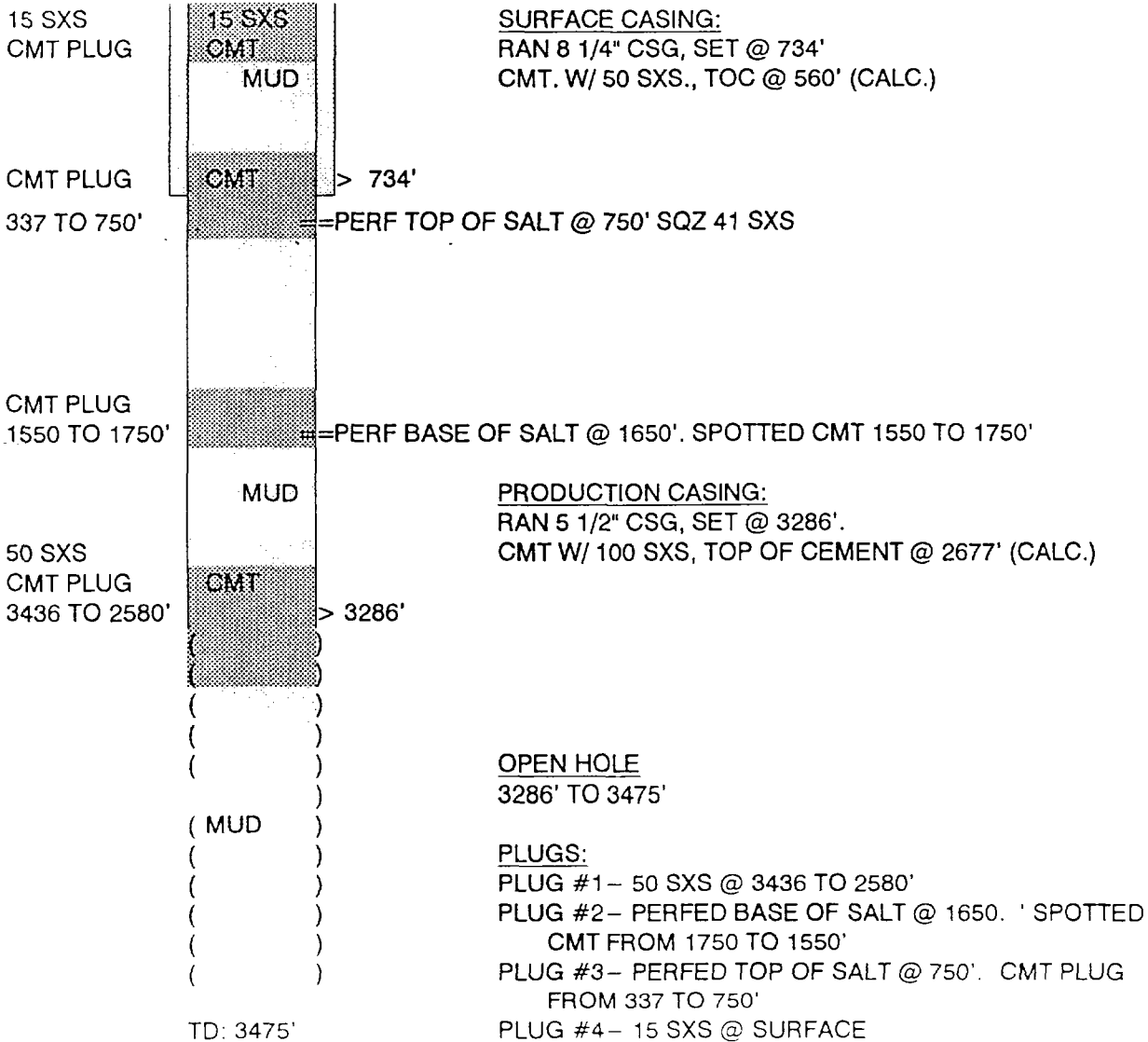
PERFORATIONS
3548-3700'

PLUGS:
PLUG #1- CIBP @ 3536' W/ 35 SXS ON TOP
PLUG #2- CIBP @ 3120' W/ 35 SXS ON TOP
PLUG #3- 100' CMT PLUG FROM 2452-2552'
PLUG #4- 100' CMT PLUG FROM 317-417'
PLUG #5- UNKNOWN SURFACE PLUG

P & A WELLBORE DIAGRAM

WELL: SHELDON #3
FIELD: SQUARE LAKE
INTERVAL: GB-SA

LOCATION:
1980' FNL & 660' FWL
SEC 28, T-16-S, R-31-E
EDDY COUNTY, NEW MEXICO

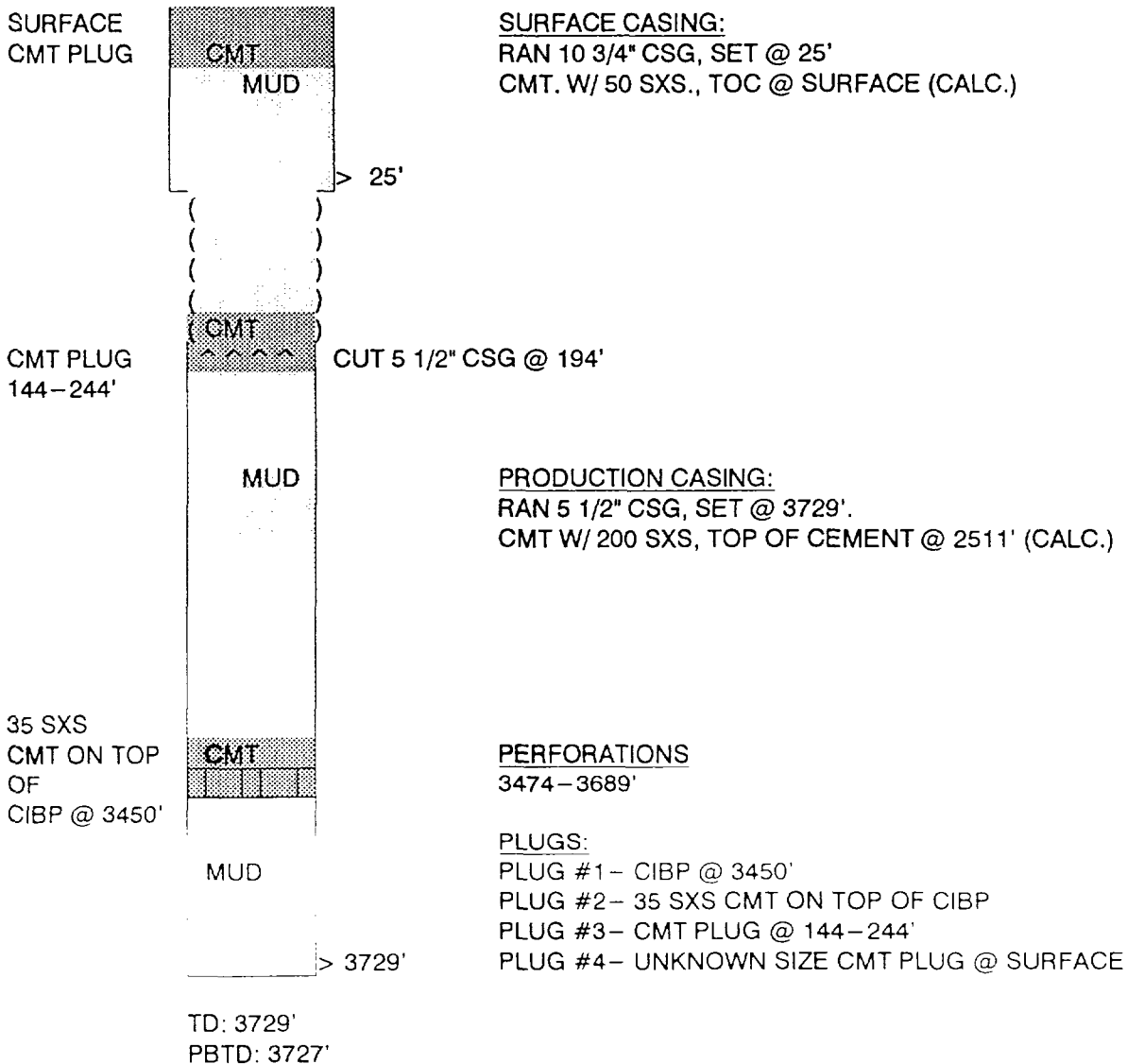


GP II ENERGY, INC.

P & A WELLBORE DIAGRAM

WELL: KENNEDY FEDERAL #1
FIELD: SQUARE LAKE
INTERVAL: GB-SA

LOCATION:
1980' FNL & 660' FEL
SEC 28, T-16-S, R-31-E
EDDY COUNTY, NEW MEXICO

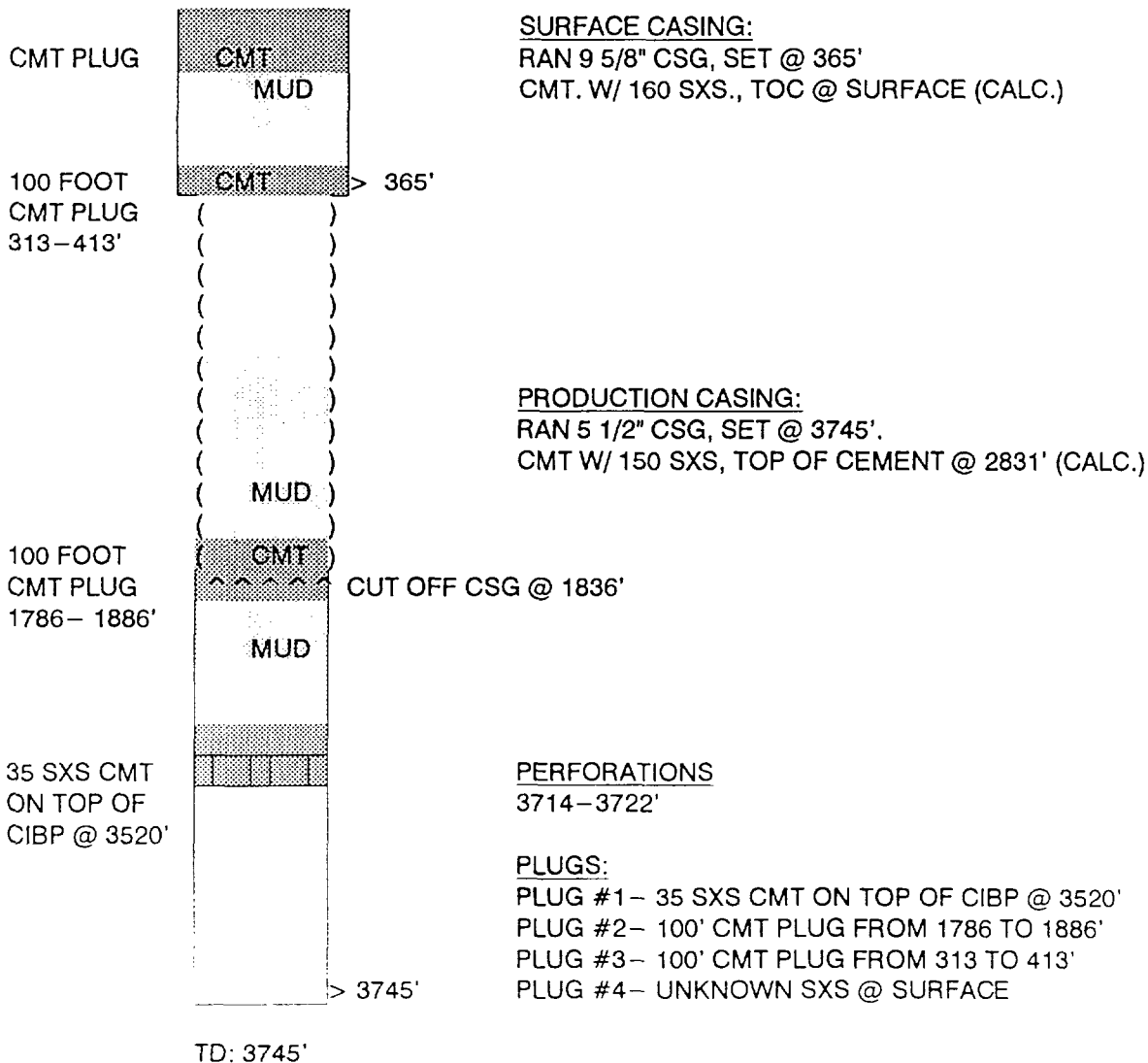


GP II ENERGY, INC.

P & A WELLBORE DIAGRAM

WELL: FEDERAL #1
FIELD: SQUARE LAKE
INTERVAL: GB-SA

LOCATION:
1980' FNL & 660' FWL
SEC 27, T-16-S, R-31-E
EDDY COUNTY, NEW MEXICO

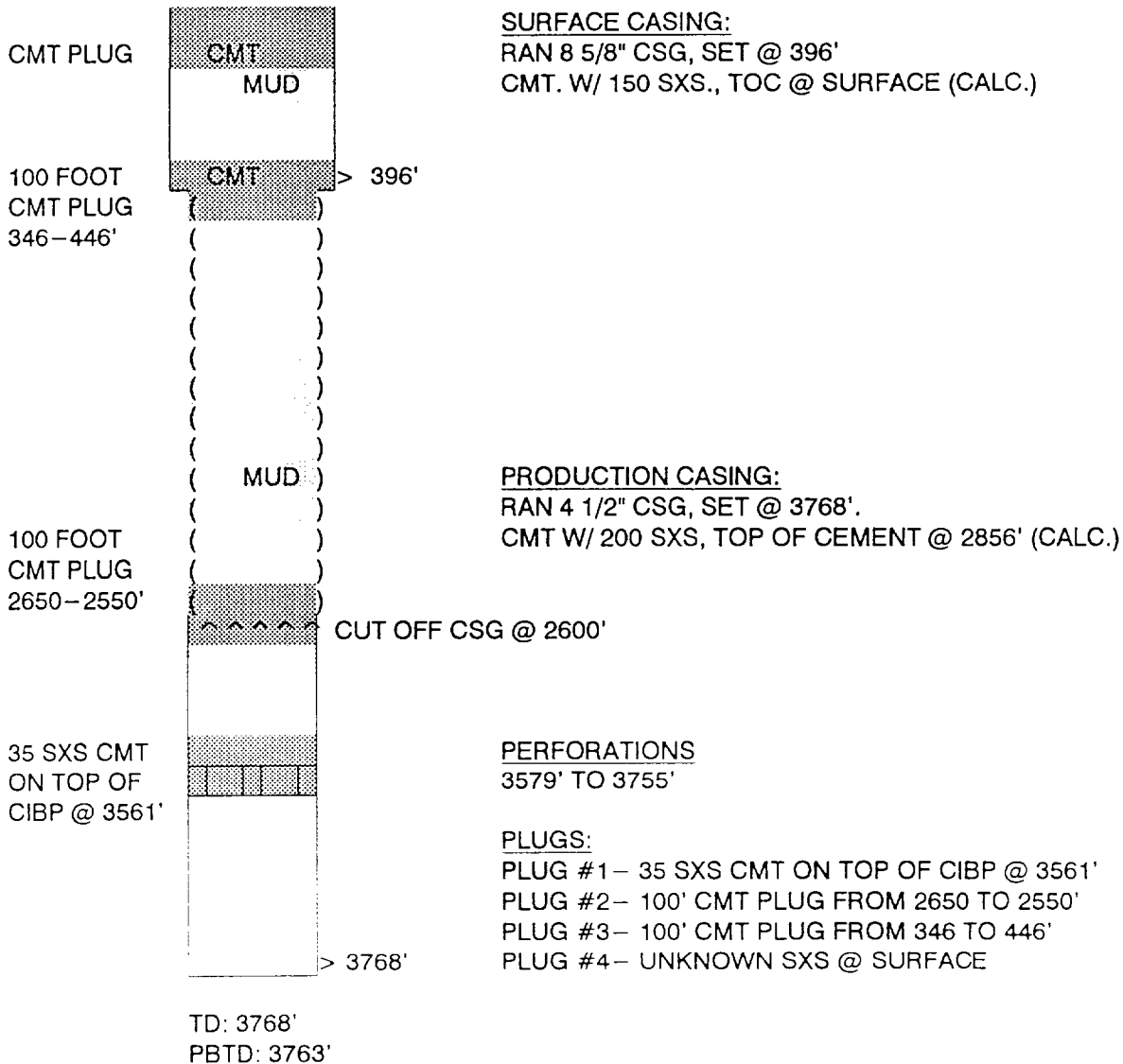


GP II ENERGY, INC.

P & A WELLBORE DIAGRAM

WELL: TRUST #1
FIELD: SQUARE LAKE
INTERVAL: GB-SA

LOCATION:
1980' FNL & 1650' FWL
SEC 27, T-16-S, R-31-E
EDDY COUNTY, NEW MEXICO

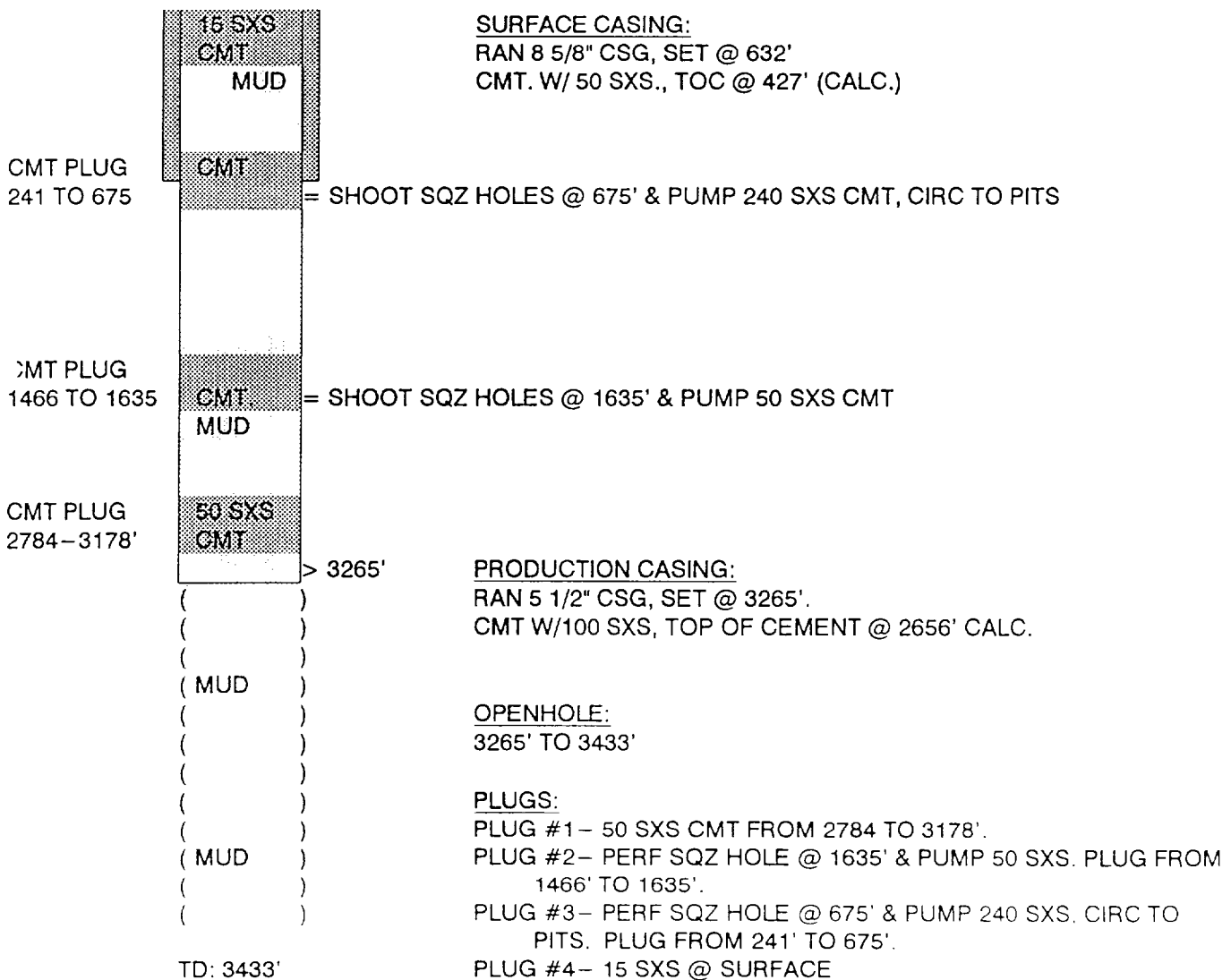


GP II ENERGY, INC.

P & A WELLBORE DIAGRAM

WELL: BRUNING #5
FIELD: SQUARE LAKE
INTERVAL: GB-SA

LOCATION:
1980' FSL & 660' FEL
SEC 29, T-16-S, R-31-E
EDDY COUNTY, NEW MEXICO

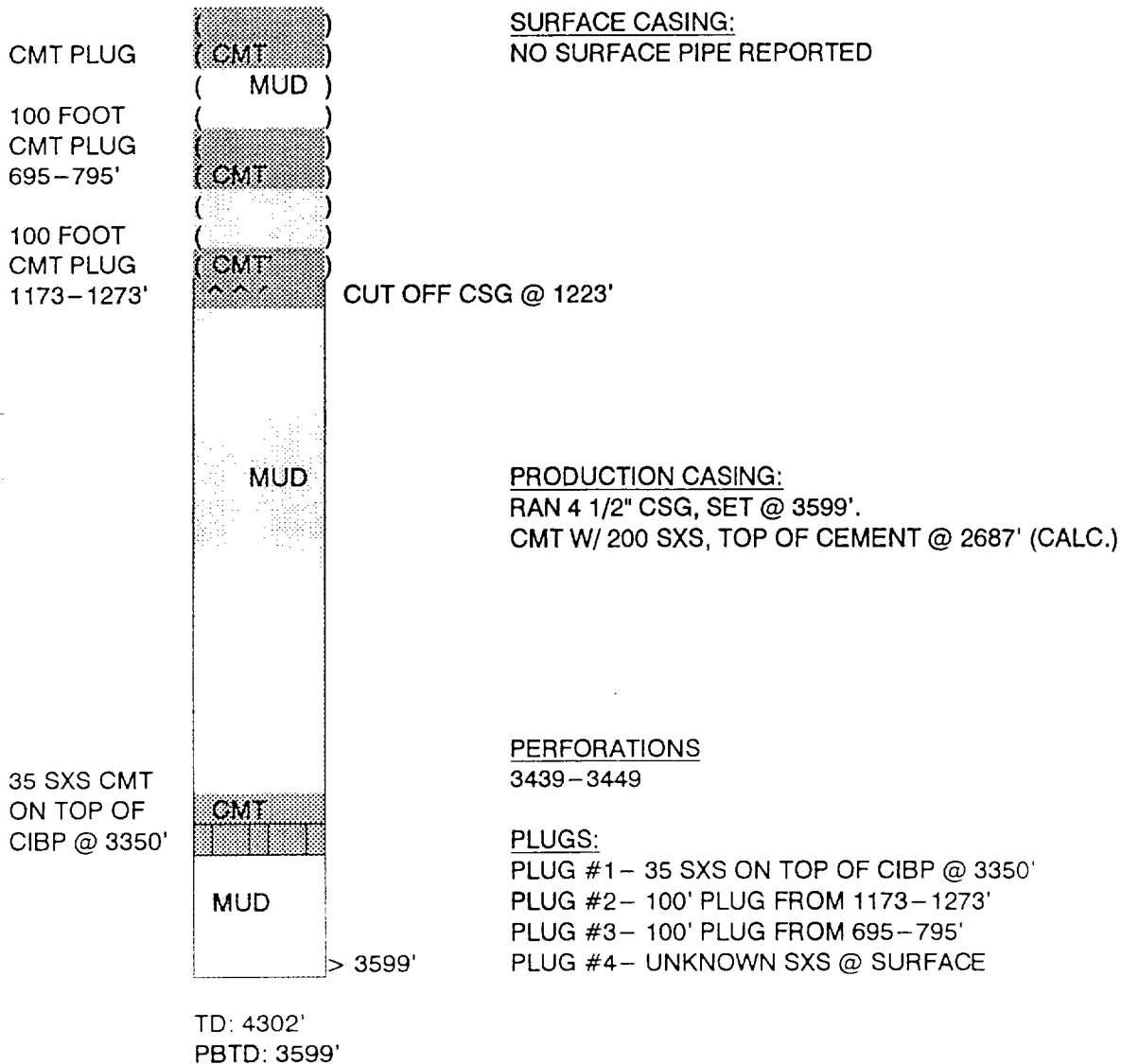


GP II ENERGY, INC.

P & A WELLBORE DIAGRAM

WELL: SHELDON #1
FIELD: SQUARE LAKE
INTERVAL: GB-SA

LOCATION:
1980' FSL & 1980' FWL
SEC 28, T-16-S, R-31-E
EDDY COUNTY, NEW MEXICO

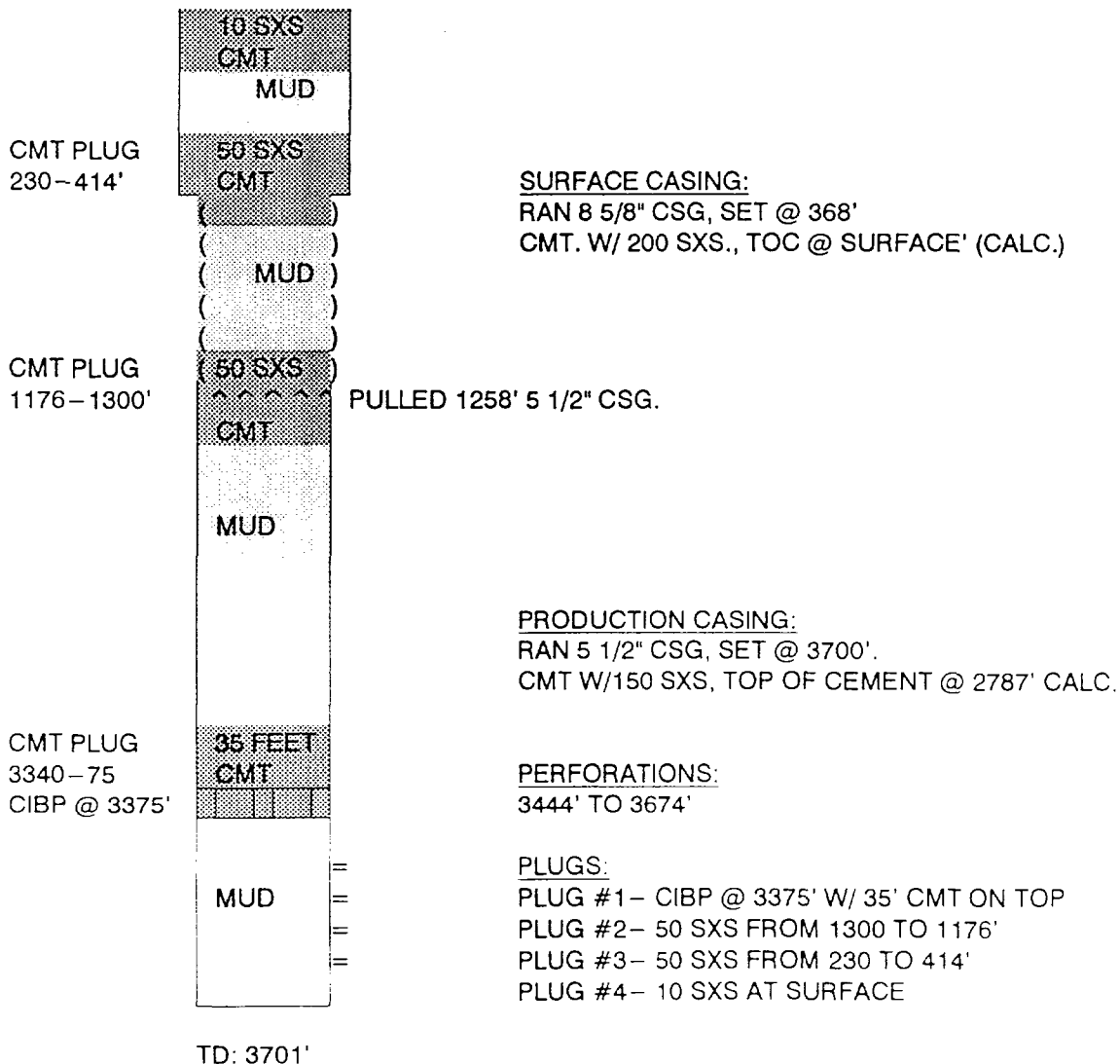


GP II ENERGY, INC.

P & A WELLBORE DIAGRAM

WELL: KENNEDY #3
FIELD: SQUARE LAKE
INTERVAL: GB-SA

LOCATION:
2310' FSL & 1650' FEL
SEC 28, T-16-S, R-31-E
EDDY COUNTY, NEW MEXICO

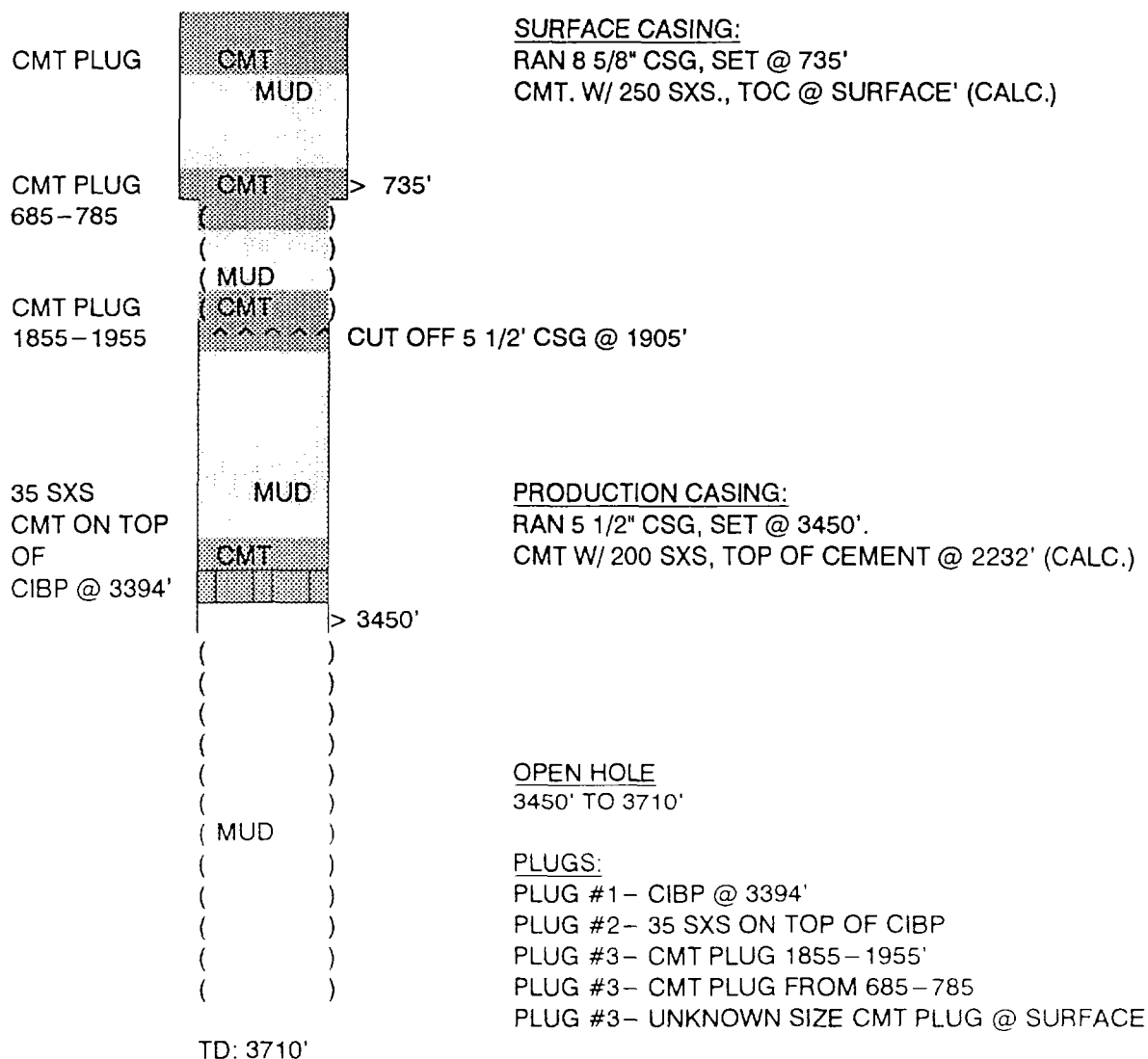


GP II ENERGY, INC.

P & A WELLBORE DIAGRAM

WELL: SHELDON FEDERAL #5
FIELD: SQUARE LAKE
INTERVAL: GB-SA

LOCATION:
2310' FNL & 660' FEL
SEC 28, T-16-S, R-31-E
EDDY COUNTY, NEW MEXICO

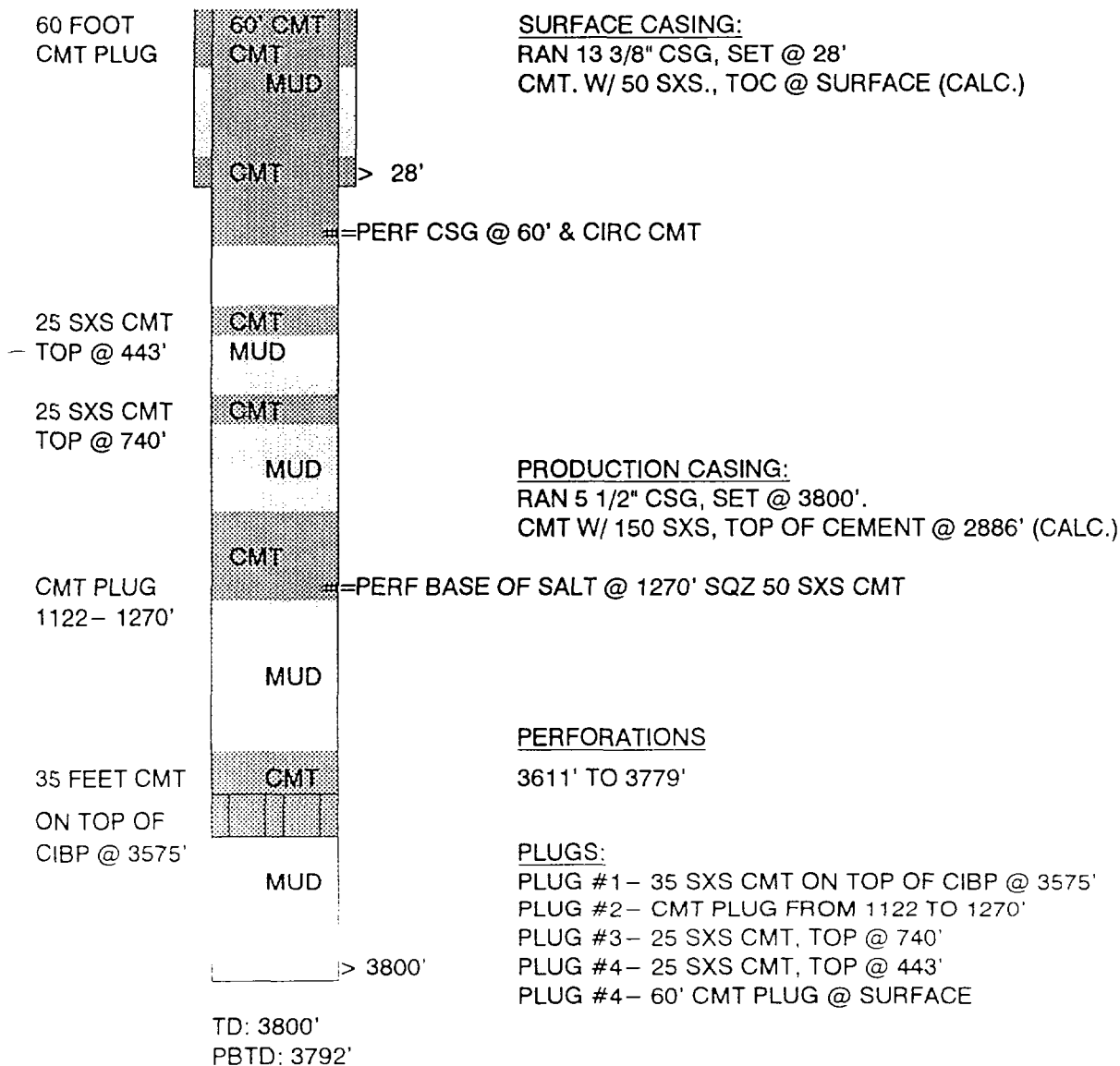


GP II ENERGY, INC.

P & A WELLBORE DIAGRAM

WELL: FEDERAL J 27-1
FIELD: SQUARE LAKE
INTERVAL: GB-SA

LOCATION:
1650' FSL & 2310' FEL
SEC 27, T-16-S, R-31-E
EDDY COUNTY, NEW MEXICO

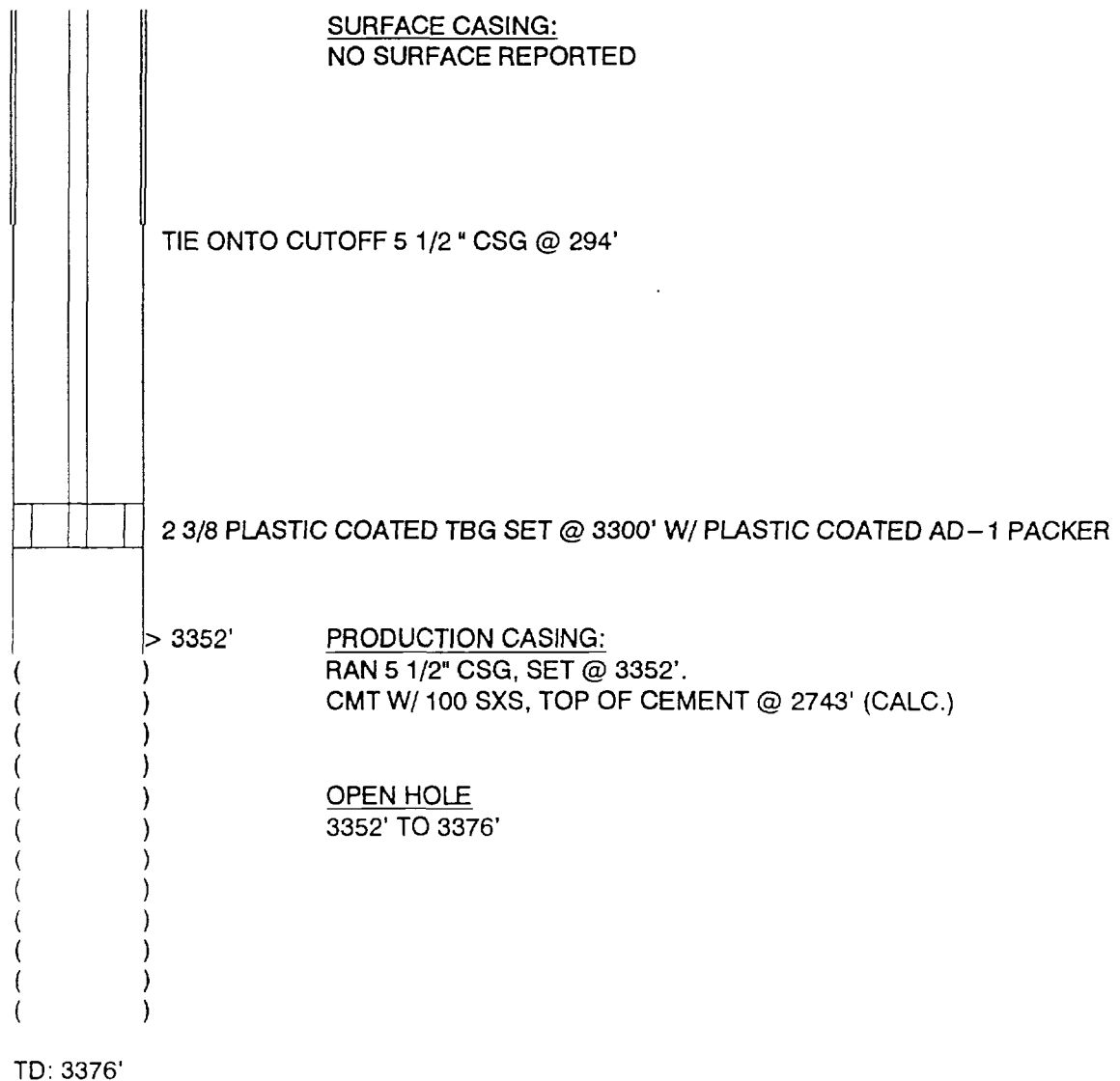


GP II ENERGY, INC.

RE-ENTRY & CONVERSION OF A P & A WELL

WELL: SHELDON #2
FIELD: SQUARE LAKE
INTERVAL: GB-SA

LOCATION:
560' FSL & 1880' FWL
SEC 28, T-16-S, R-31-E
EDDY COUNTY, NEW MEXICO



P & A WELLBORE DIAGRAM

LOCATION:
560' FSL & 1980' FEL
SEC 28, T-16-S, R-31-E
EDDY COUNTY, NEW MEXICO

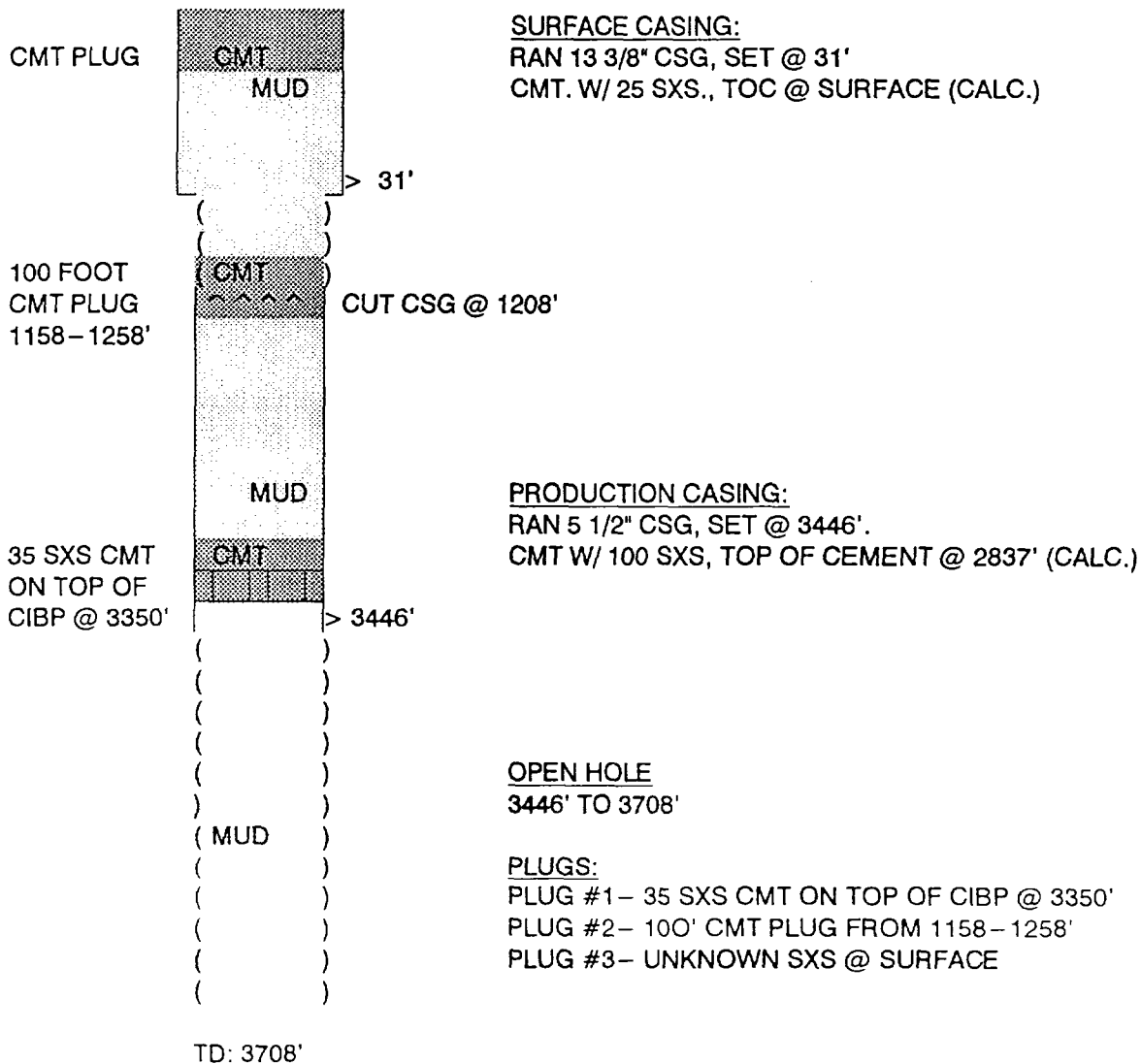


GP II ENERGY, INC.

P & A WELLBORE DIAGRAM

WELL: SHELDON #3
FIELD: SQUARE LAKE
INTERVAL: GB-SA

LOCATION:
330' FSL & 626' FEL
SEC 28, T-16-S, R-31-E
EDDY COUNTY, NEW MEXICO

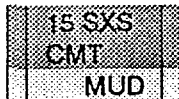


P & A WELLBORE DIAGRAM

WELL: VALENTINE #1
FIELD: SQUARE LAKE
INTERVAL: GB-SA

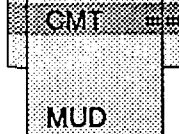
LOCATION:
660' FSL & 660' FWL
SEC 27, T-16-S, R-31-E
EDDY COUNTY, NEW MEXICO

15 SXS
CMT PLUG



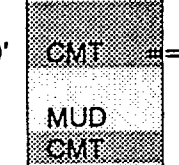
SURFACE CASING:
RAN 8 1/4" CSG, SET @ 849'
CMT. W/ 50 SXS., TOC @ 676' (CALC.)

CMT PLUG
@ 640-800'



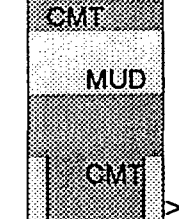
PERF CSG @ 800' & SQZ'D W/ 100 SXS. CIRC CMT TO SURFACE
> 849'

CMT PLUG
1715 TO 1850'



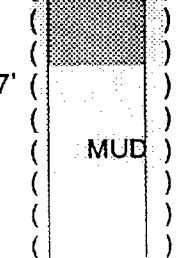
PERF CSG @ 1850' & SQZ'D W/ 75 SXS

30 SXS
CMT PLUG
@ 2950'



PRODUCTION CASING:
RAN 7" CSG, SET @ 3370'.
CMT W/ 100 SXS, TOP OF CEMENT @ 2684' (CALC.)

70 SXS
CMT PLUG
@ 3635-3167'



> 3370'

LINER
4 1/2" LINER SET @ 3860' W/ 85 SXS

PERFORATIONS
3492-3815'

PLUGS:
PLUG #1- 70 SXS FROM 3635 TO 3167'
PLUG #2- 30 SXS 2950'
PLUG #3- PERF CSG @ 1850 & SQZ W/ 75 SXS. CMT
PLUG FROM 1850 TO 1715'
PLUG #4- PERF CG @ 800' SQZ W/ 100 SXS. CIRC
CMT TO SURFACE. CMT PLUG FROM 640 TO 800.
PLUG #5- 15 SXS @ SURFACE

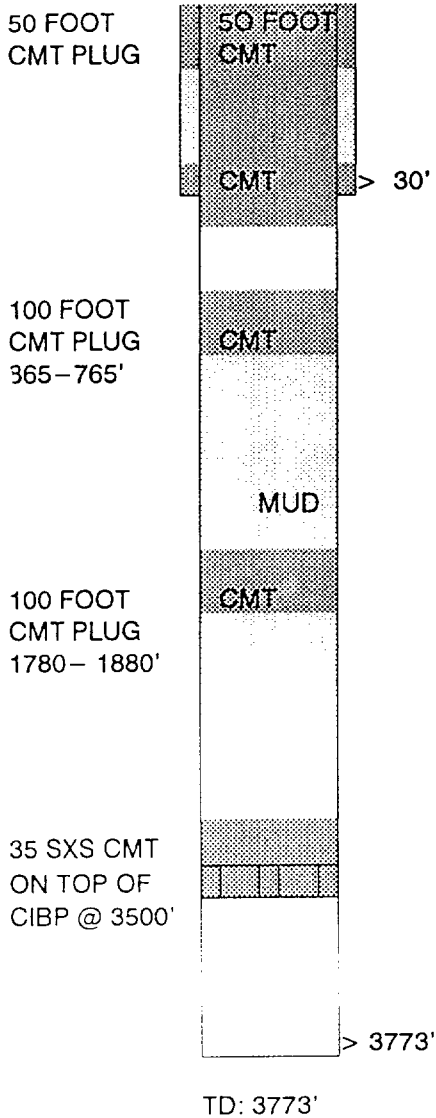
TD: 3872'

GP II ENERGY, INC.

P & A WELLBORE DIAGRAM

WELL: JEFFERS #1
FIELD: SQUARE LAKE
INTERVAL: GB-SA

LOCATION:
660' FSL & 1980' FWL
SEC 27, T-16-S, R-31-E
EDDY COUNTY, NEW MEXICO



SURFACE CASING:

RAN 13 3/8" CSG, SET @ 30'
CMT. W/ 10 SXS., TOC @ SURFACE (CALC.)

PRODUCTION CASING:

RAN 5 1/2" CSG, SET @ 3773'.
CMT W/ 200 SXS, TOP OF CEMENT @ 2557' (CALC.)

PERFORATIONS

3576' TO 3738'

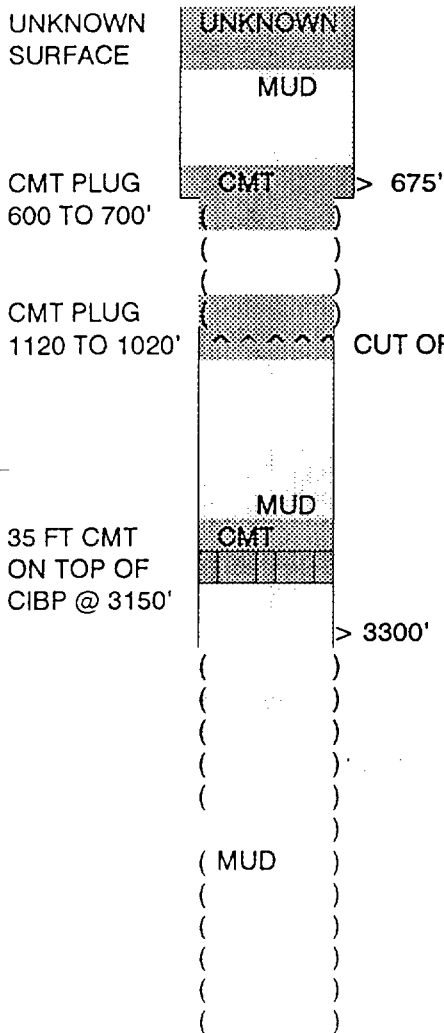
PLUGS:

PLUG #1- 35 SXS CMT ON TOP OF CIBP @ 3500'
PLUG #2- 100' CMT PLUG FROM 1780 TO 1880'
PLUG #3- 100' CMT PLUG FROM 865 TO 765'
PLUG #4- 50' CMT PLUG @ SURFACE

GP II ENERGY, INC.
P & A WELLBORE DIAGRAM

WELL: STATE C #2
 FIELD: SQUARE LAKE
 INTERVAL: GB-SA

LOCATION:
 660' FNL & 660' FEL
 SEC 32, T-16-S, R-31-E
 EDDY COUNTY, NEW MEXICO



SURFACE CASING:
 RAN 8 5/8" CSG, SET @ 675'
 CMT. W/ 50 SXS., TOC @ 470' (CALC.)

PRODUCTION CASING:
 RAN 5 1/2" CSG, SET @ 3300'.
 CMT W/ 100 SXS, TOP OF CEMENT @ 2691' (CALC.)

OPEN HOLE
 3300' TO 3485'

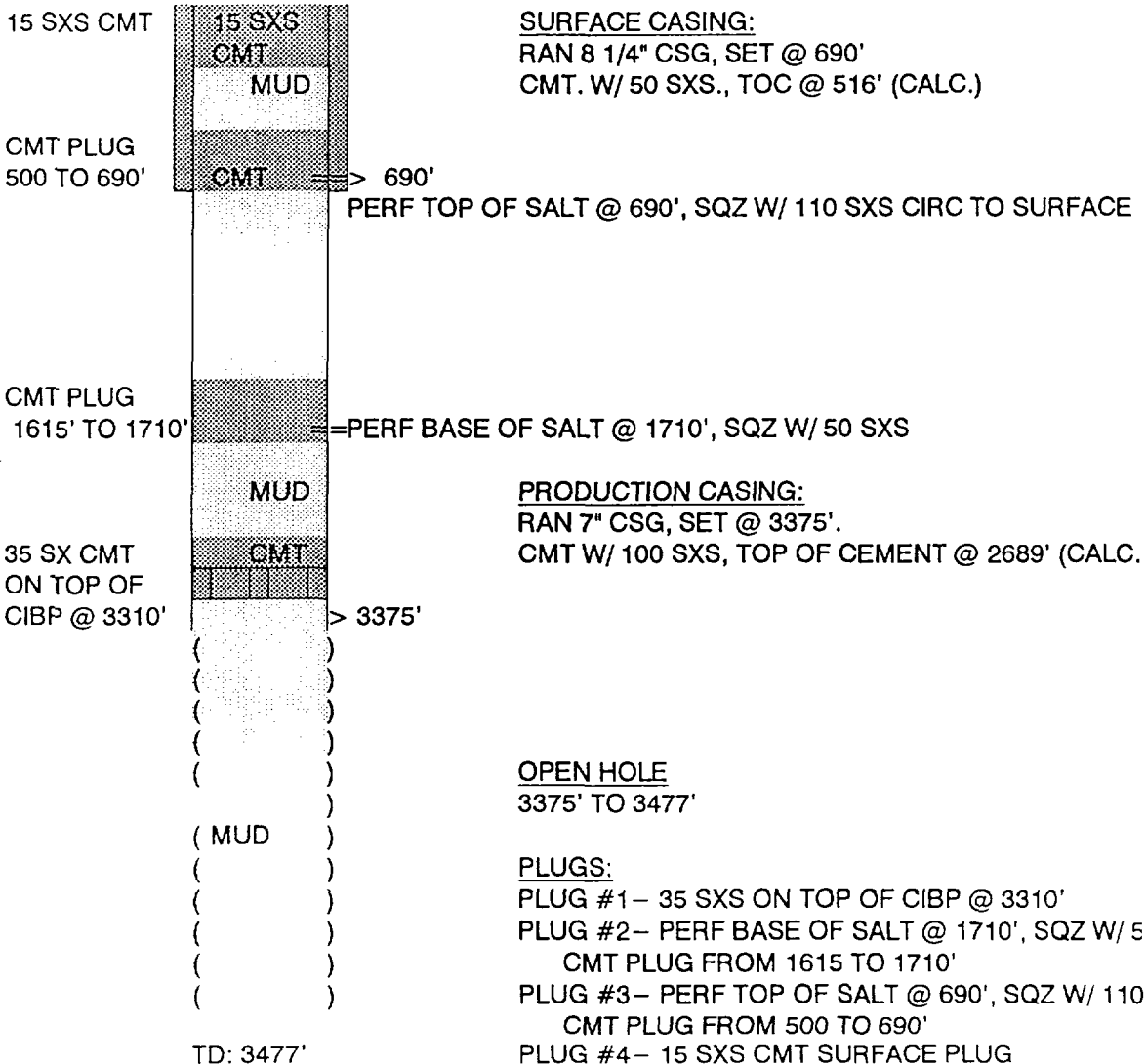
PLUGS:
 PLUG #1- 35' CMT ON TOP OF CIBP @ 3150'
 PLUG #2- 100' CMT PLUG 1120-1020'
 PLUG #3- 100' CMT PLUG FROM 600 TO 700'
 PLUG #4- UNKNOWN @ SURFACE

TD: 3485'

P & A WELLBORE DIAGRAM

WELL: JOHNSON A #1
FIELD: SQUARE LAKE
INTERVAL: GB-SA

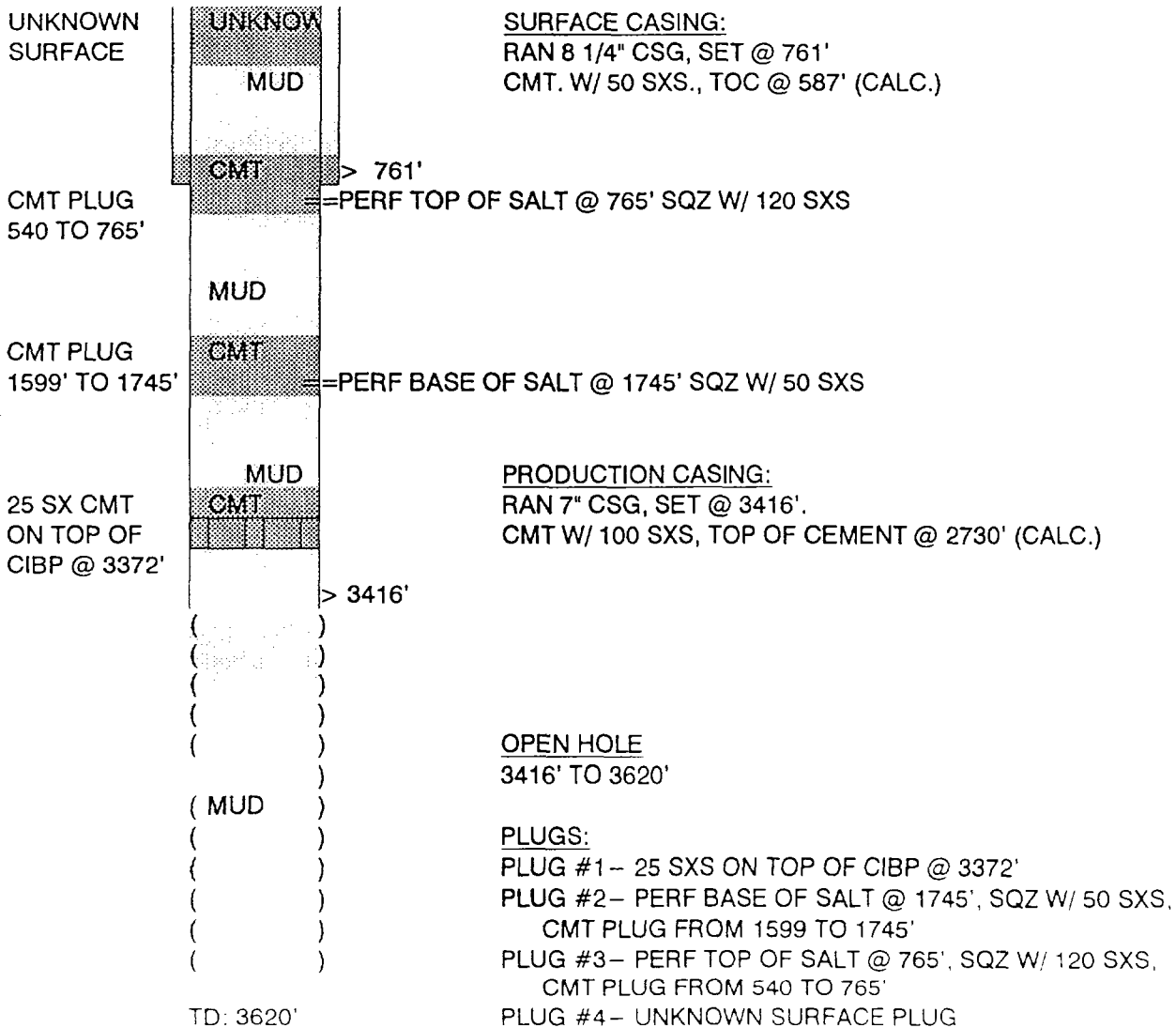
LOCATION:
660' FNL & 1980' FWL
SEC 33, T-16-S, R-31-E
EDDY COUNTY, NEW MEXICO



P & A WELLBORE DIAGRAM

WELL: JOHNSON #6
FIELD: SQUARE LAKE
INTERVAL: GB-SA

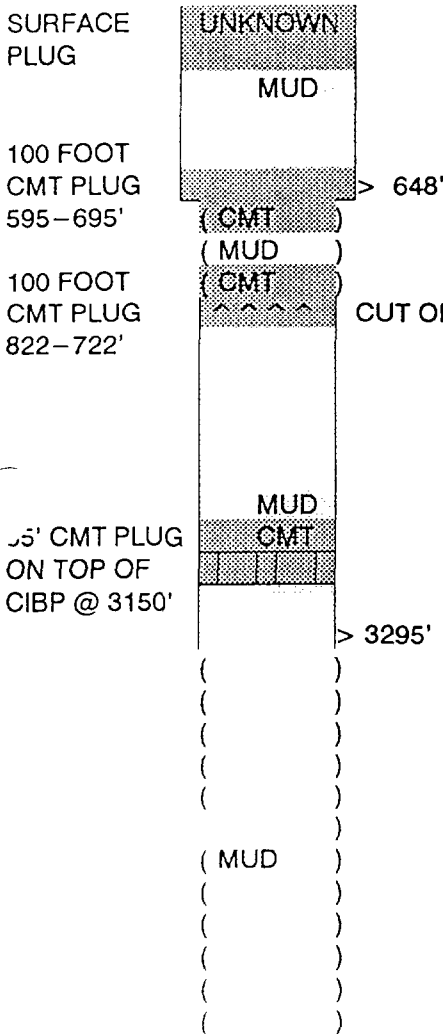
LOCATION:
660' FNL & 660' FEL
SEC 33, T-16-S, R-31-E
EDDY COUNTY, NEW MEXICO



P & A WELLBORE DIAGRAM

WELL: STATE C #3
FIELD: SQUARE LAKE
INTERVAL: GB-SA

LOCATION:
1980' FNL & 660' FEL
SEC 32, T-16-S, R-31-E
EDDY COUNTY, NEW MEXICO



SURFACE CASING:
RAN 8 5/8" CSG, SET @ 648'
CMT. W/ 50 SXS., TOC @ 443' (CALC.)

PRODUCTION CASING:
RAN 5 1/2" CSG, SET @ 3295'.
CMT W/ 100 SXS, TOP OF CEMENT @ 2686' (CALC.)

OPEN HOLE
3295' TO 3569'

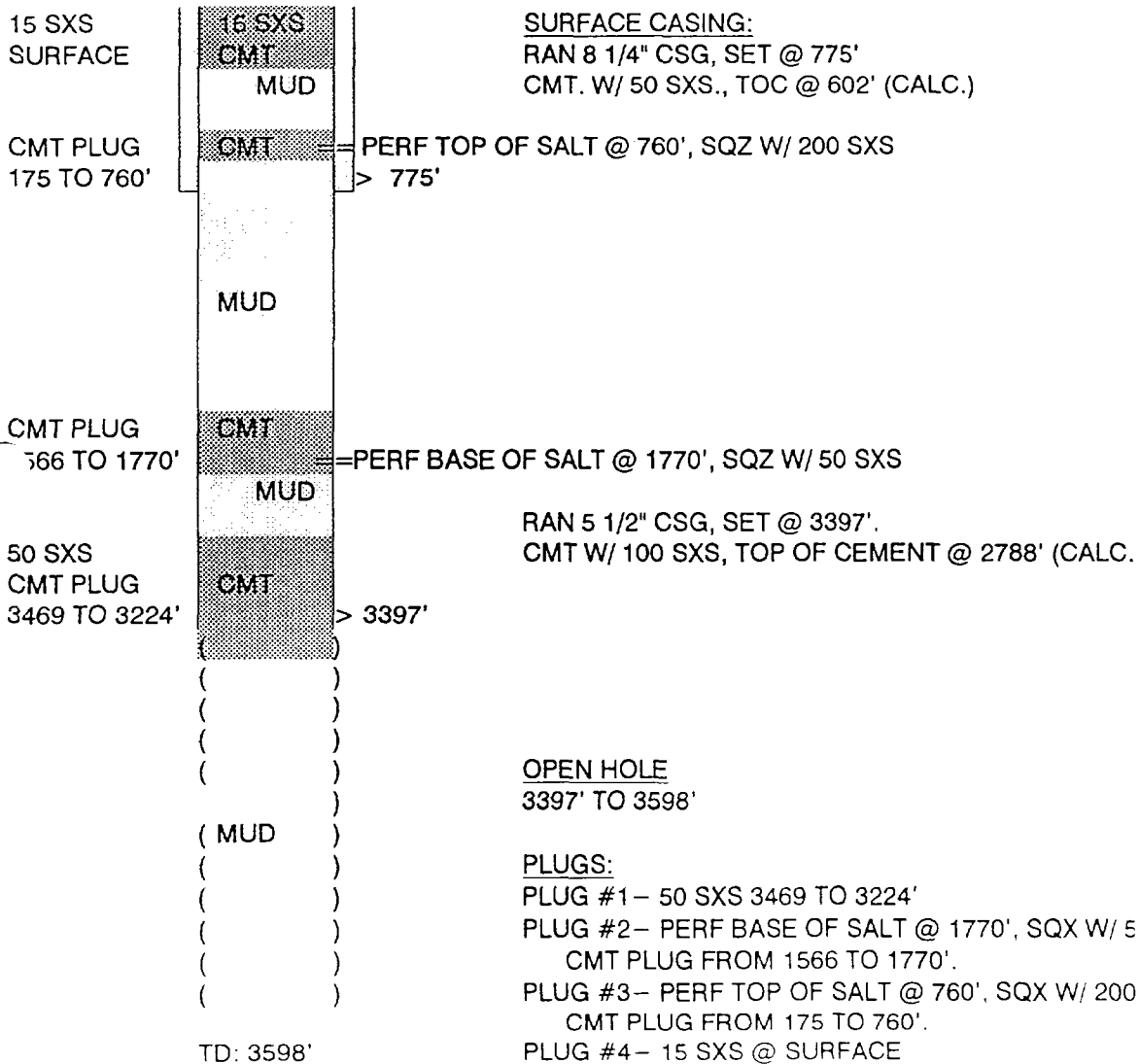
PLUGS:
PLUG #1 - 35' CMT ON TOP OF CIBP @ 3150'
PLUG #2 - 100' CMT PLUG 822-722'
PLUG #3 - 100' CMT PLUG @ 595-695'
PLUG #4 - UNKNOWN PLUG @ SURFACE

TD: 3569'

P & A WELLBORE DIAGRAM

WELL: CARPER AB #3
FIELD: SQUARE LAKE
INTERVAL: GB-SA

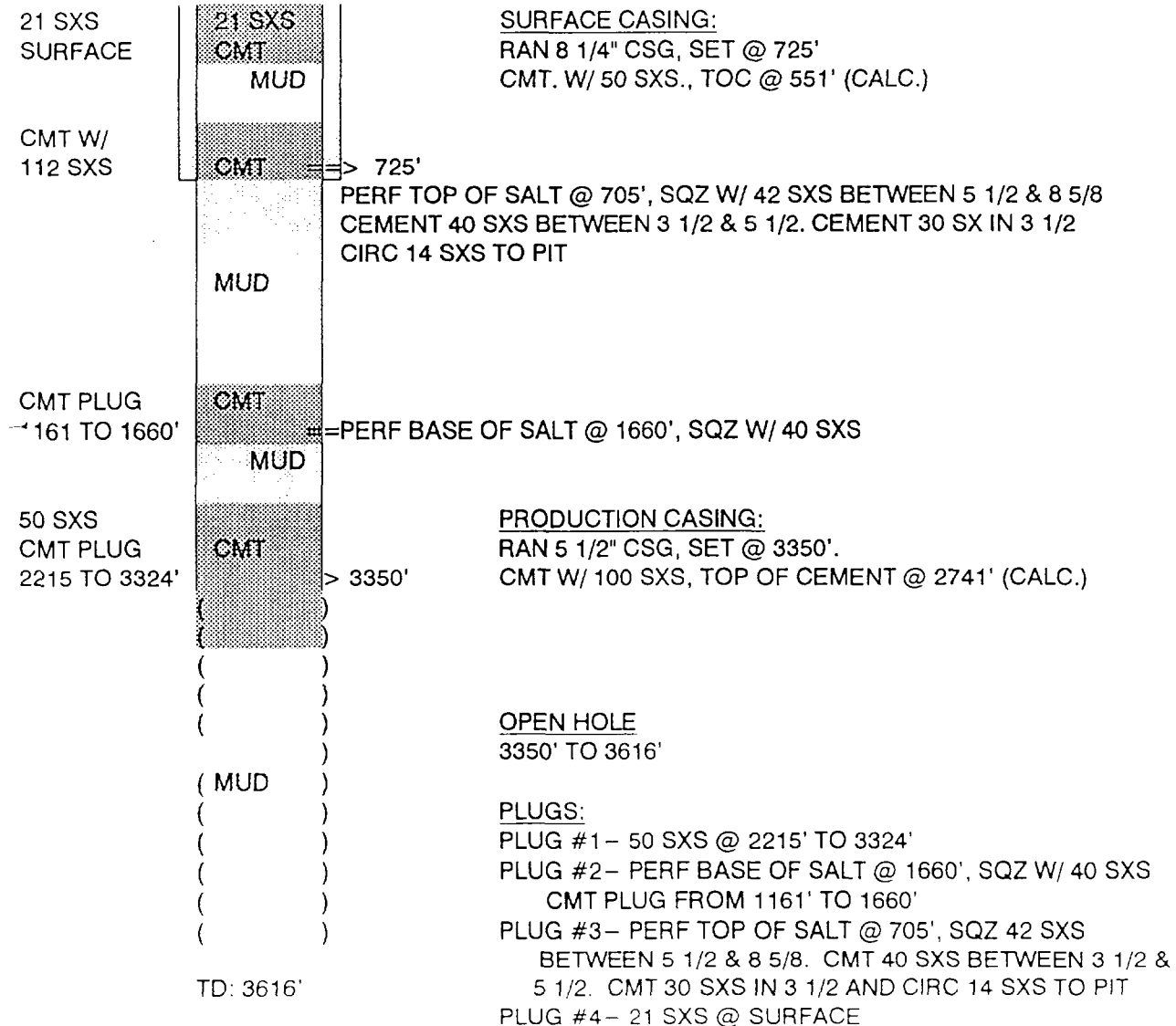
LOCATION:
1980' FNL & 660' FWL
SEC 34, T-16-S, R-31-E
EDDY COUNTY, NEW MEXICO



P & A WELLBORE DIAGRAM

WELL: TEXAS TRADING #5-B
 FIELD: SQUARE LAKE
 INTERVAL: GB-SA

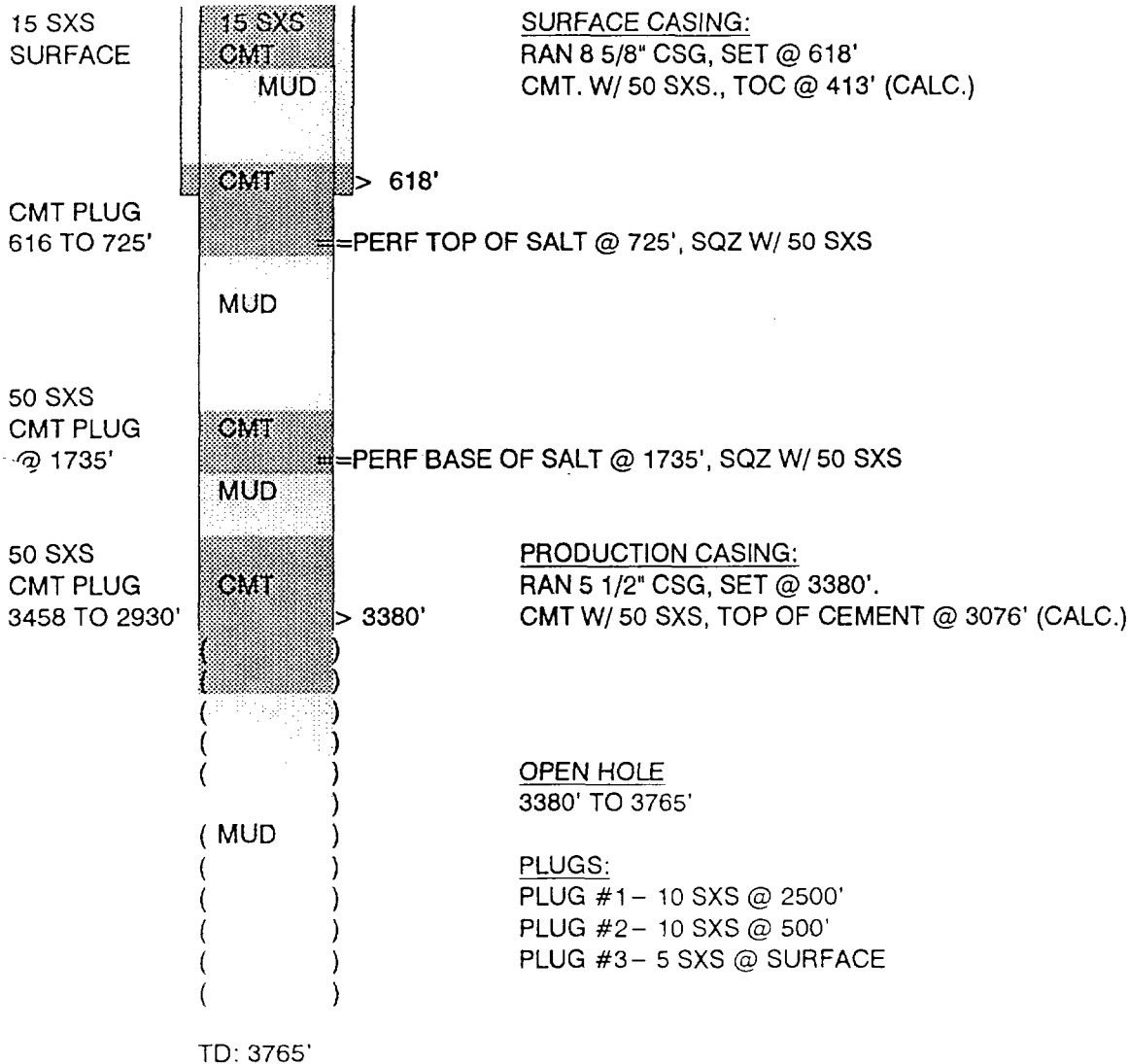
LOCATION:
 1980' FSL & 1980' FWL
 SEC 33, T-16-S, R-31-E
 EDDY COUNTY, NEW MEXICO



P & A WELLBORE DIAGRAM

WELL: TEXAS TRADING #6
 FIELD: SQUARE LAKE
 INTERVAL: GB-SA

LOCATION:
 1980' FSL & 660' FEL
 SEC 33, T-16-S, R-31-E
 EDDY COUNTY, NEW MEXICO



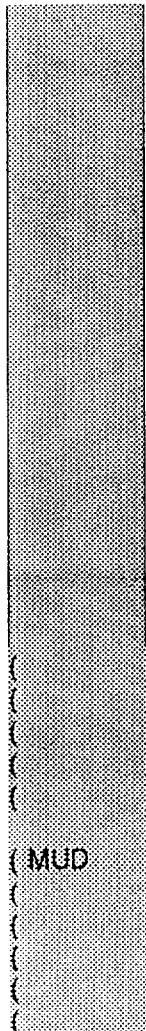
GP II ENERGY, INC.

P & A WELLBORE DIAGRAM

WELL: JOHNSON #14
FIELD: SQUARE LAKE
INTERVAL: GB-SA

LOCATION:
510' FSL & 2310' FEL
SEC 33, T-16-S, R-31-E
EDDY COUNTY, NEW MEXICO

NO PLUGGING REPORT AVAILABLE



SURFACE CASING:
NONE REPORTED

PRODUCTION CASING:
RAN 5 1/2" CSG, SET @ 3279'.
CMT W/ 50 SXS, TOP OF CEMENT @ 2975' (CALC.)

OPEN HOLE
3279' TO 3798'

PLUGS: