

RECOMMENDED WORK PROCEDURE

LEASE: STATE 31

WELL NO: 1

ANNULAR FLUID PRIOR TO WORKOVER:
FORMATION FLUIDS

W/O FLUID TO BE USED:
9.5 LB/GAL MUD

PLEASE CONTACT OPERATIONS ENGR. IN HOBBS (393-9186) 24 HOURS
PRIOR TO MIRU

CONTACT NMOCD @ 393-6161 24 HRS BEFORE MIRU

1. MIRU. NU BOPs.
 2. CIRCULATE HOLE w/ 9.5 LB/GAL MUD.
 3. SPOT 100' CMT PLUG (MIN 25 SX) ACROSS ABO FORMATION TOP
FROM 8055 - 7955'.
 4. SPOT 100' CMT PLUG (MIN 25 SX) ACROSS GLORIETTA FORMATION TOP
FROM 6150 - 6050'.
 5. SPOT 100' CMT PLUG (MIN 25 SX) ACROSS 9-5/8" CSG SHOE
FROM 4900 - 4800'.
 6. TAG CMT PLUG TOP @ 4800'. RE-SPOT PLUG IF NECESSARY.
 7. SPOT 100' CMT PLUG (MIN 25 SX) ACROSS SAN ANDRES FORMATION
TOP FROM 4588-4488'. POH.
- NOTE: WHEN SPOTTING ALL PLUGS, BE SURE THAT 9.5 LB/GAL MUD IS
BETWEEN THE PLUGS.
8. RIH w/ 9-5/8" CIBP & SET @ 3650'. CAP w/ 35' CMT.
 9. SPOT 100' CMT PLUG (MIN 25 SX) ACROSS TOP OF SALT
FROM 1680 -1580'.
 10. SPOT 100' CMT PLUG (MIN 25 SX) ACROSS 13-3/8" CSG SHOE
FROM 400 - 300'.
 11. TAG CMT PLUG TOP @ 300'. RE-SPOT PLUG IF NECESSARY.
 12. SPOT 10 SX CMT PLUG @ SURFACE.
 13. ERECT P&A MARKER.
 14. RDMO PULLING UNIT.
 15. CLEAN & CLEAR LOCATION.

VERBAL APPROVAL ON PROCEDURE BY PAUL KAUTZ - NMOCD HOBBS 5-12-87

KA CARWILE

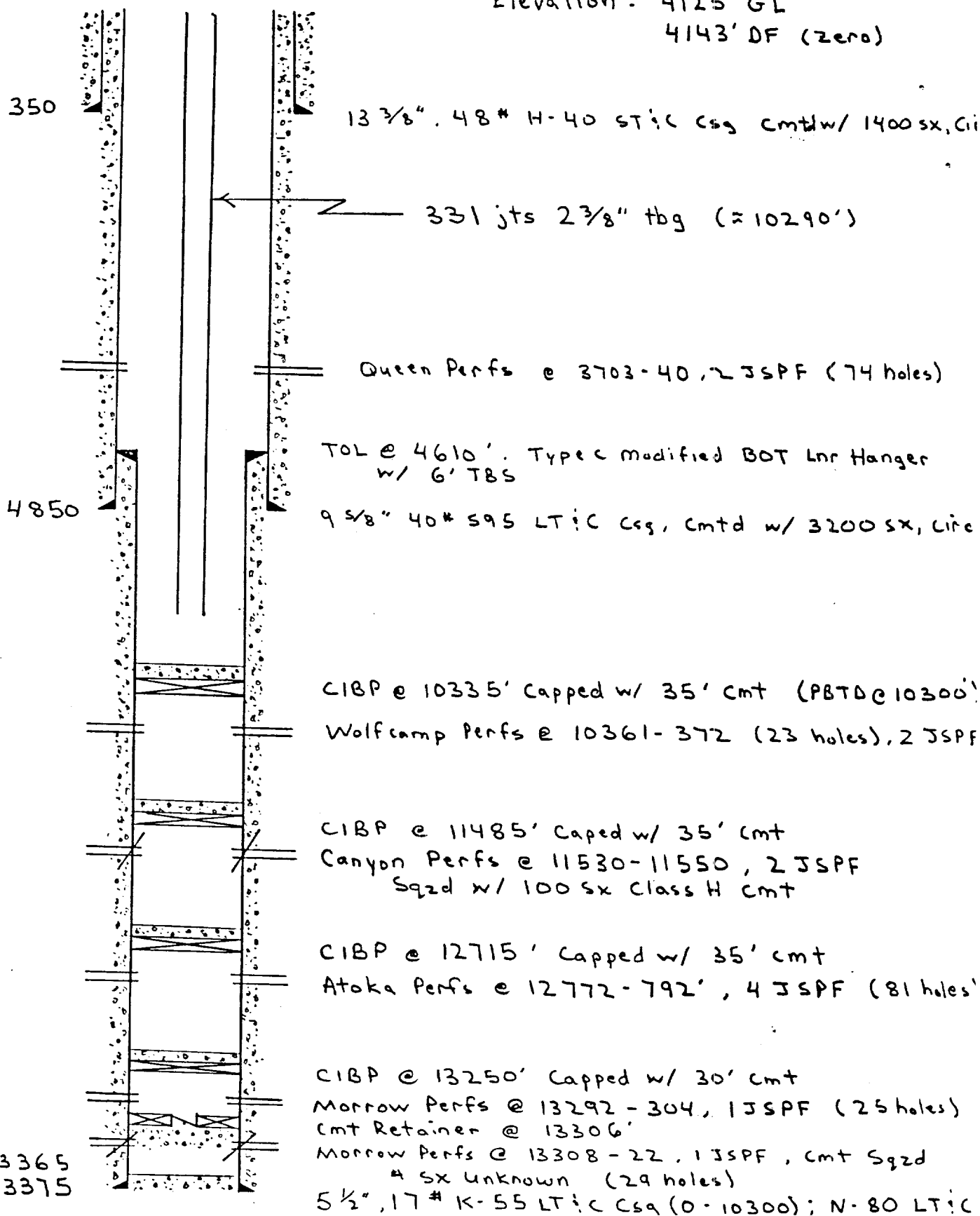
RESERVED
JUN 22 1987
OCD
HCBES OFFICE

Lease: State 31 Well No. 1 Date: 5-14-87

Location: C- Sec 31-T16S-R34E By: KA Carwile
1600' FWL & 660' FNL

Subject: Present Well Completion

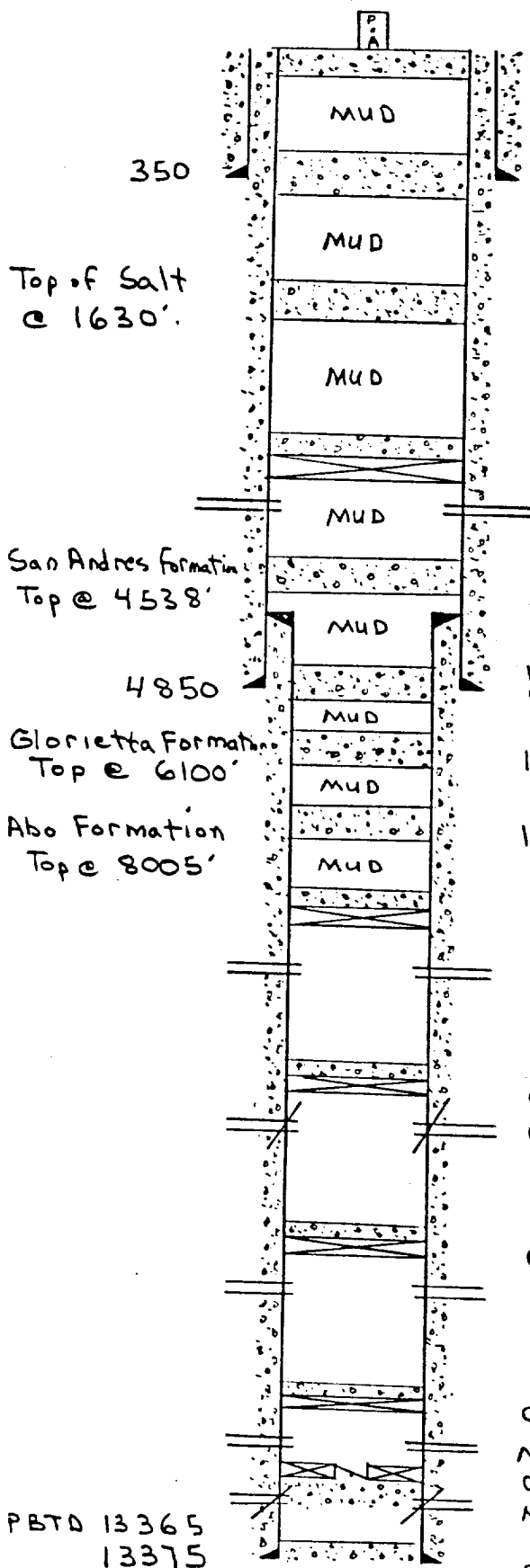
Elevation: 4125' GL
4143' DF (zero)



Lease: State 31 Well No. 1 Date: 5-14-87

Location: C - Sec 31 - T16S - R34E By: KA Carwile
1600' FWL; 660' FNL.

Subject: Proposed well Completion



Elevation: 4125' GL

10 Sk Cmt Plug
@ Surface

4143' DF (zero)

100' Gmt Plug from 400-300'.

13 3/8". 48" H-40 STIC Csg Cmtl w/ 1400 sx, Cir

100' cmt Plug From 1680-1580'.

CIBP @ 3650' capped w/ 35' Cmt

Queen Perfs @ 3703-40, 23SPF (74 holes)

100' Cmt Plug From 4588 - 4488'.

TOL @ 4610'. Type c modified BOT Lnr Hanger
w/ 6' TBS

100' Cmt Plug from 4900 - 4800'.

9 5/8" 40# S95 LTIC Csg, Cmt'd w/ 3200 SX, Circ

100' cmt Plug From 6150-6050'

100' Cmt Plug From 8055-7955'

CIBP @ 10335' Capped w/ 35' cmt (PBTD @ 10300')

Wolfcamp Perfs @ 10361-372 (23 holes), 2 JSPF

CIBP @ 11485' Caped w/ 35' cmf

Canyon Perfs @ 11530-11550, 2 JSPF
Sqrd w/ 100 Sx Class H Cmt

CIBP @ 12715' Capped w/ 35' cmt

Atoka Perfs @ 12772-792', 435PF (81 holes)

CIBP @ 13250' Capped w/ 30' cmt

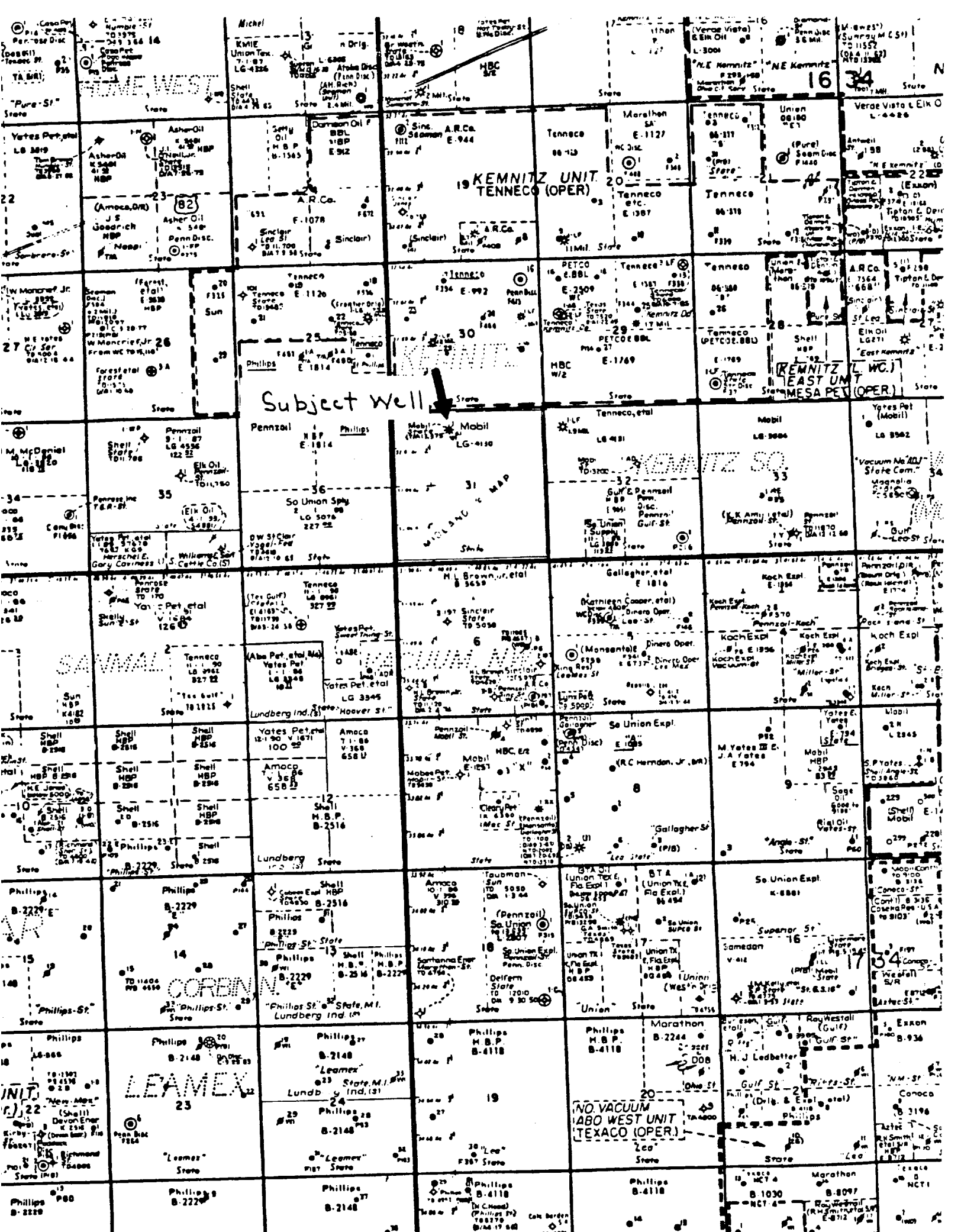
Morrow Perfs @ 13292 - 304, 13SPF (25 holes)

cmt Retainer @ 13306'

Morrow Perfs @ 13308-22, 13SPF, Cmt Sgzd

4 SX Unknown (29 holes)

5 1/2", 17# K-55 LTic Csa (0-10300). N-80 LTic



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