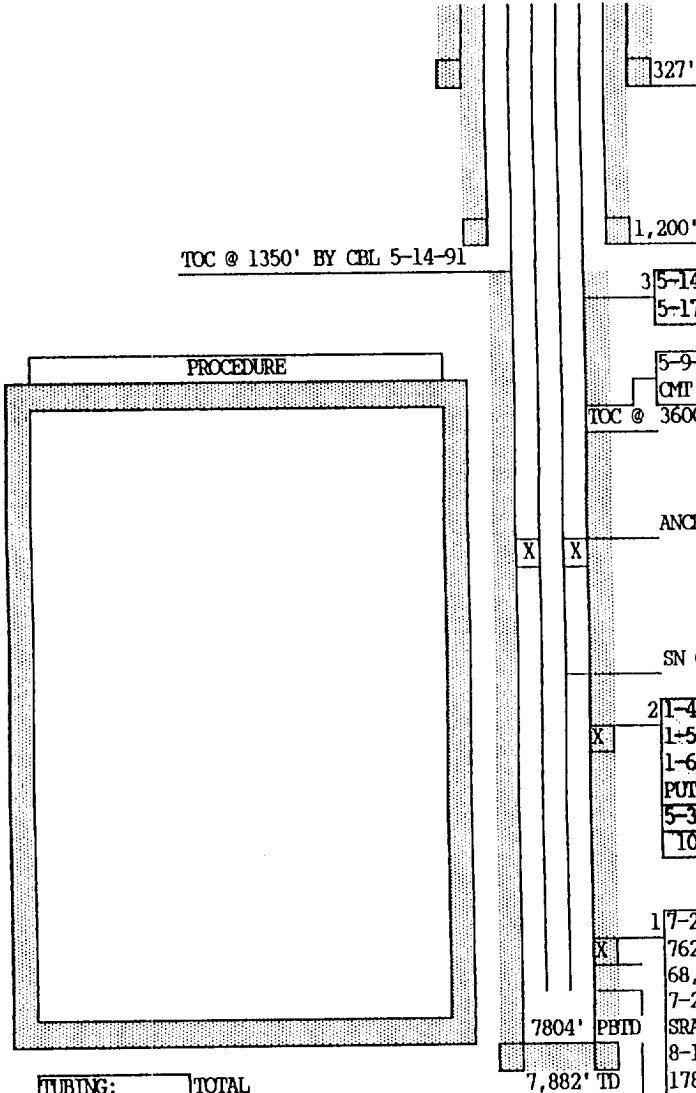


15-Oct-91

HARVEY YATES COMPANY
WELLBORE SCHEMATIC & PROCEDURE SHEET
by RAY F. NOKES

OPERATOR: HARVEY E. YATES COMPANY
WELL NAME: SST # 4
LEASE #: V-689 API # 30-015-26412
LOCATION: F, 1697' FWL & 2030' FNL
SEC. 6, T-19S, R-29E, EDDY CO., NM
FIELD: PALMILO BONE SPRING
ELEVATION: 3386.7' (14' KB)

SPUD DATE: 7/3/90
COMP DATE: 8/7/90
TD: 7,882'
PBID: 7,500' (CIBP SET)



SURFACE	
WT & GRD	13 3/8" 54.5# J-55
DEPTH	327'
SXS CMT	375+100
TOC	CIRC 111 SXS
BIT SIZE	17 1/2"
TESTED TO 600# HELD OK	

INTERMEDIATE	
WT & GRD	8 5/8" 32# J-55
DEPTH	1,200'
SXS CMT	700 + 200
TOC	CIRC 175 SXS
BIT SIZE	12 1/4"

TOC @ 1350' BY CBL 5-14-91

3 5-14-91 PERF PENROSE 1912-34' (OA)
5-17-91 SWDZ w/ 144' SXS CMT TO 3500'

5-9-91 4 SQZ HOLES @ 3302'
CMT w/ 600 SXS CMT.

TOC @ 3600' BY CBL 7-26-90

ANCHOR @ 6466'

SN @ 7694'

2 1-4-91 PERF 6572, 75, 77, 81, 6614, 25, 32, 40, 56, 70, & 74.
1-5-91 ACIDZ w/ 2500 GALS 10% NEFB & BS
1-6-91 FLOWED 39 BO & 58 BW, 1-8-91 38 BO & 75 BW, & 1-9-91 22 BO & 38 BW
PUT ON PUMP 1-12-91
5-31-91 FRACD 6572-6674' 27500 GALS BS40 & 25250# 16-20 CARBOLITE
10-8-91 SZD w/ 300' SXS (DID NOT HOLD) 10-9-91 RE-SQZ w/ 300' SXS TO 3500#

1 7-27-90 PERF BS 2ND SD
7628, 26, 22+, 17, 14, 06, 7586
68, 61, 54, & 50'. (2JSPF-22HOLES)
7-28-90 ACIDZ w/ 4350 gals 7 1/2%
SRA & 44BS (BALL OUT).
8-1-90 FRAC w/ 110M gals WF-40 &
178,170# 16-20 LWP (80BPM)
*TAG SD @ 7734' ON REPORT 9-19-90
UNABLE TO CIRC.

PRODUCTION:	
WT & GRD	5 1/2" 17# J-55
DEPTH	7,882'
SXS CMT	1200+300
TOC	3600' BY CBL 7-26-90
BIT SIZE	7 7/8"
DV TOOL @	NA
MARKER JOINT	3909' & 6554'

TUBING: TOTAL
SIZE: 2 3/8" 4.7 J-55
DEPTH: SN @ 7694'
PKR/ANCHOR: ANCHOR @ 6466'

7804' PBID
7,882' TD