

LIVINGSTON RIDGE UNIT
Section 3a, T21S, R30E
Eddy County, New Mexico

May 28, 1975

Circulated hole and spotted 150 sk CL. "H" (w 3/10% CFR-w)
cement plug 7700-7580 (increase hole size change, 12" to 9 1/2"
@ 7580') PCOH w/BP & WOC before tagging top of cement.
WOC 15 hrs. Tagged top of cement @ 7583'. Drilled out
cement plug to 7580 (hard cement thru-out) Drd. 10' more of
cmt 9 1/2" hole to new cement depth of 7590'.
Liner - Top to Bottom 83 to top of L&W 9 5/8"x13 3/8",
tie back type ungr. 3542.42

B&W liner hanger Assy. complete	10.30
Ran 4030.49' of J-55 & N-80 4 1/2" casing	4030.49
B&W 9 5/8" latch-in float collar	1.20
B&W Reg. float collar	1.90
B&W 9 5/8" reg. float shoe	1.70
Total length of 9 5/8" liner	4045.59'

Bottom of 9 5/8" liner landed @ 7588'
Top of 9 5/8" liner landed @ 3542'

Overlap of 9 5/8" liner in 13 3/8" casing 153'
Mixed and pumped 1000 sks HOWCO Lite wt. w/2# floccle, 3# gilsonite, 5# salt per sk. @
12.6#/gal slurry wt. followed by 210 sk CL "H" w/3/10% CFR 2 @15.5# to 16.0# gal, slurry
wt. Displ. top plug to latch-in collar @ 3903. Pmpd. total 362 BM to displ (5+% over
calc. volume) Pumped plug w/2000psi after pmpg press of 1200 psi. Released & floats
held. WOC 12 hrs.

RECEIVED

JUN 9 1975

O. C. C.
ARTESIA, OFFICE

May 29, 1975

Dept. 3547' Cleaned out cement on top liner
Nippling up getting ready to yellow jacket.

May 30, 1975

Dr. Cement Dr. @ 7665' Bit #17 - 8 3/4 J-55 #KW382
10 hrs. nipple up & ran yellow jacket tested BOP 10000#
3/4 hr. chary out kelly valve. 6 hrs. steel line in hole
pressure up on 13 3/8 w/2050 # 7 1/2 hr. cement plug that &
shore from 7390 to 7539 tested casing to 2050# O.K.
Drilled plug from under circl. cement out going to bottom

May 31, 1975

Dept. 11708' drilling Formation lime & shale Made 75' Last 24 hrs.
Bit #17 J-55 Used In 11,633 made 75' in 14 hrs. Mud wt. 10.1
brine water Drilling 5' per hr.

June 1, 1975

Dept. 11852' drilling Formation-Lime & Shale & chert Made 144' -24 hr
Bit #17 J-55 Made 219' in 37 3/4 hrs. Mud wt. 10.1 brine water
drilling 6' per hr.

June 2, 1975

Dept. 11990' drilling Formation - Lime & Shale Made 138' - 24 hrs.
Bit #17 J-55 Made 357' in 46 1/2 hrs. Mud. wt. 10.1 brine water
Drilling 6' per hr.

June 3, 1975

Dept. 12,208 drilling Formation lime and shale Made 218' last 24 hrs.
Bit #17 J-55 Made 575' - 69 1/2 hrs. Mud Wt. 10.1 brine water
drilling 9' per hr.

June 4, 1975

Dept. 12,424' drilling Foramtion Lime & Shale
Made 216' - last 24 hrs. Bit #17 J-55
Made 721' last 106 3/4 hrs. Totco 12,025' Dev. 1 3/4°
Mud Wt. 10.4 Brine Water Drilling 9' per hr.