union 76

Title	Prepared by	Checked by	Date	Sheet
Wildcat	dRS		11/6/81	of

Eares Lea State Unit #1

W.O. / A.F.E. no.

Loc: 1980' FNL + WL Sec 30
T-21-S, R-33-E Lea Cty, NM

SPUD: 4-2-81
Comp: ?
IP: ? ? ?

Elev: 3131 (KB)
3108 (GL)

Cores:
#1 - 14,502-542

Logs:
Schlumberger: CNL-FDC-GR
DLL-MSFL
BHC Sonic-GR
RFT
GR-FDC

TOPS:
Delaware - 5499 (-1859)
Bone Spring - 8700 (-5580)
WCP Shale - 12,029 (-8929)
Cisco Shale - 12,720
Strawn - 13,430 (-9630)
Atoka - 13,694 (-9894)
U. Morrow - 14,008 (-10,188)
M. Morrow - 14,458 (-10,638)
L. Morrow - 14,858 (-11,028)
Chester - 15,065 (-11,235)

17½" Hole

615'

13⅝", 48#, H-40, STC 8rd @ 585' Cmt w/ 600 sx - circ -
TOC - 1510 by survey
DV tool @ 3497

12¼" Hole

5412

9⅝", 40#, N-80 & K-55, LTC 8rd to 5412 cmt w/
1st 1100 sx + 200 sx
2nd - 2000 sx + 150 sx
TOC @ 1510 by survey

7⅞" Hole

457 jts + 3 subs (14,237')
2⅞", 4.7#, EUE 8rd N-80 tbg
set @ 14,250 w/ 2⅜"
slip jt (30') @ top and otis
J-latch and seal assembly
Guide (4.5') @ 14,245' (8/7/81)
w/ 12,000# compression

TOC @ 13,350 by T. Survey

14,250
see Detail #3

Upper Morrow
14,320-32 w/ 1 JSPF w/ 1-9/16" tbg gun

Middle Morrow
14,540-53 w/ 1 JSPF w/ 1-9/16" tbg gun
14,626-40 w/ 1 JSPF w/ " " "

14,826

see Detail #2

Perf w/ 2000 psi: TP
Had wtr, Gas TSTM.
SITP 3200#/161 hr.
Blew down - 1 BWPH
≈ 200 MCFPD + SBW
SI to evaluate

SITP = 4200/820#
Acidize Perfs 14,320-14,901
w/ 3000 gal 7½% MS acid
No BS ≈ 1000 SCF N₂/bbl. acid
Burst failure
Pump @ 2 BPM @ 2700-7000-6800
Wait - Killing well

Acidize w/ 1000 gal 7-½% MS
acid w/ 1000 gal SCF N₂/bbl
acid + 14 BS @ 3-1-1-1-1-1
@ 600-2100-7000-6800 #
No Ball action
F 140 MCFPD/4 hrs. wet.
SITP = 3925/48 hr

Perf Lower Morrow @ 14,894-901
w/ Van Gun - 8 shots

ETD - 15,119

5½", 17#, S-95, J-55, N-80, LTC + buttress,
TD 15,160 Cmt w/ 420 sx

TD - 15,160

See Detail #1