

Revised 2-21-87

WELL NAME: Hughes Federal #3

FIELD: Jalmat

LOCATION: 660' FSL & 2080' FWL Sec. 17, T-23-S,
R-37-E, Lea County, New Mexico

ELEVATION: GL = 3304' KB = 3314'

CASING DETAIL: 8-5/8" @ 503'. Cmt w/200 sx. Circ.
4-1/2" @ 3725'. Cmt w/1425 sx. Circ.

TUBING DETAIL: 110 jts 2-3/8" (3339') Salta lined
Packer 2-3/8 X 4-1/2 Baker AD-1 Plastic @ 3339'
Coated w/33,000# Shear Pin

PERFS: 3498-3641' (71 holes)

RECOMMENDED PROCEDURE:

NOTIFY BLM (CARLSBAD) PRIOR TO COMMENCING WORK

- 1) MIRU PU.
- 2) ND WH. NU BOP.
- 3) RU WL.
- 4) RIH w/CCL & tbg cutter. Cut off tbg 10' above pkr.
RD WL. Top of tbg stub @ 3329'.
- 5) TOH & LD tbg.
- 6) RU WL. RIH w/CIBP & set @ 3320'. RIH w/ dump
bailer and spot 35' of cmt on top of CIBP.
- 7) Run Casing Inspection Log from 3000' to surface.
- 8) If Casing Inspection Log indicates good pipe, TIH
w/ pkr & RBP and locate csg leak. If Log indicates
poor pipe, proceed w/ plugging procedure attached.
- 9) After locating leak, contact Division offc for
cmt'g rcmd. Follow their rcmd then proceed to next
step.
- 10) WOC.
- 11) RIH w/ 4-1/4" bit & drill out cement.
- 12) Circ hole clean & displace w/2% KCL wtr.
- 13) TOH w/bit.
- 14) RU WL & perf Yates as follows using 4" gun w/
premium charge:
2608, 22, 33, 37, 46, 48, 50, 60, 76, 78, 83, 86,
90, 95, 98, 2704, 2713, 16, 41, 46, 52, 55, 77, 89,
2803, 31, 51, 63, 72, 81, 83 (31 holes)
- 15) TIH w/tbg & tension pkr to 2883±. Spot 4 bbls 15%
Spearhead acid. TOH to 2550'. Set pkr & acidize
perfs 2608-2783' w/a total of 3000 gal 15% Spear-
head acid w/45 ball sealers.
- 16) Release pkr & TIH to 2790' to knock balls off
perfs.
- 17) TOH w/tbg & pkr.
- 18) NU frac valve to 4-1/2" casing & frac via casing as
follows:
 - a) Pump 3000 gal gelled wtr w/3000 gal CO2
 - b) Pump 2000 gal gelled wtr w/1 ppg 20/40 sd &
2000 gal CO2
 - c) Pump 3000 gal gelled wtr w/2 ppg 20/40 sd &
3000 gal CO2
 - d) Pump 4000 gal gelled wtr w/3 ppg 20/40 sd &
4000 gal CO2
 - e) Pump 3000 gal gelled wtr w/3 ppg 12/20 sd &
3000 gal CO2
 - f) Flush w/slick wtr.
 - g) Record ISIP, 5", 10" & 15" SIP.

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Total frac volumes: 15,000 gal gelled wtr

15,000 gal CO2
30,500# 20/40 sand
9,000# 12/20 sand

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- 19) SI for 60"
- 20) Open to recover load.
- 21) TIH w/tbg & pkr.
- 22) Set pkr @ 2550'.
- 23) Put well on production.
- 24) Test w/orifice meter & report daily production to Division office.

BUREAU OF LAND MANAGEMENT (CARLSBAD) 505-887-6544

Approved By:

William G. Murray
William G. Murray
Div. Prod. Supt.

Date:

2-21-87

RECEIVED
FEB 28 1987
OCL
HOBBS OFFICE