

Hanson Federal #2
 660' FSL & 1650' FEL, Sec 28, T-20-S, R-27-E
 North Avalon Morrow Field
 Eddy County, New Mexico

ELEVATIONS: 3205' GL 11,040' TD 10,989' PBSD

LOG TOPS:

| | | | |
|-----------------|------|-----------|-------|
| Yates | 355 | Penn | 9135 |
| 7-Rivers | 440 | Strawn | 9662 |
| 1st Bone Spring | 5750 | Atoka | 10002 |
| 3rd Bone Spring | 7811 | Morrow LS | 10211 |
| Wolfcamp | 8254 | Morrow Sd | 10604 |
| | | Barnett | 10952 |

CASING:

13 3/8" 48# H-40 set @ 568' cmt'd w/ 675 sx cmt circ'd
 8 5/8" 24# K-55 set @ 2315' cmt'd w/1650 sx cmt circ'd
 5 1/2" 17.0# & 15.50# set @ 11024' cmt'd w/1500 sx TOC - 6340'

HISTORY:

- 5/75 Perf Morrow 10,921-10,629'. Set Baker model "D" pkr @ 10,550'. Acidize w/6000 gals 7 1/2 MS acid. Tested gas rate @ 500 MMCFGPD. Set blanking plug in Pkr.
- 5/75 Perf Wolfcamp 8332-8493', Treated w/500 gals acid & 1000 S.C.F. N₂ per bbl. Flow tested.
- 9/75 Wolfcamp potential: CAOF 1147 incl + 552 BOPD
- 6/81 Squeezed Wolfcamp perms. Set Baker model FH @ 10,524, engaged profile nipple
- 7/81 Perf additional Morrow zone 10,572-10,919', Acidize w/6000 gals 7 1/2% acid + 1000 SCF N₂/bbl. Turned to El Paso @ 870 MCFGPD

CURRENT

STATUS:

TA Morrow - depleted

PROPOSED
 OPERATION:

Plug and Abandon

1. Notify New Mexico Conservation Commission. *BLM Carlsbad (505) 887-6544*
2. RUPU> POH w/2 3/8" tubing plus packer.
3. RU wireline. TIH w/CIBP & set +/- 10,525'. Cap w/35' cmt.
4. Circ hole. w/10.0# mud laden fluid.
5. RIH w/tbg. Spot 25 sx cmt plug 8320-8220' (100') inside 5 1/2" casing across top of Wolfcamp.
6. RU casing jacks. Cut, pull & lay down 5 1/2" casing. Est top of cmt 6340'.
7. RIH w/tubing. Spot 100' cmt plug across casing stub (min 50 sx).
8. Spot 100' cement plug 2265-2365' across base 8 5/8" csg (min 40 sx).
9. Spot 100' cement plug 318-418' across base 13 3/8" csg (min 40 sx).
10. Set 10 sx cement plug @ surface. Install dryhole marker & clean location.