

Elwyn C. Hale
Hale-State Well No. 3
North Justis Field
Unit H, Section 2, T-25-S, R-37-E
Lea County, New Mexico
Proposed recompletion: Blinebry, Montoya, McKee and Ellenburger

3 2 1 4

Elevation: 3156 KB, 3144 Gr

Top Blinebry 5004'.

Proposed Blinebry perforations
(limited entry technique) to be
placed in string No. 4:
5006 to 5626'.

Top Tubb 5677'.

Top Devonian 6680'.

Top Montoya 7153'.

Proposed Montoya perforations
(limited entry technique) to be
placed in string No. 3:
7158 to 7328'.

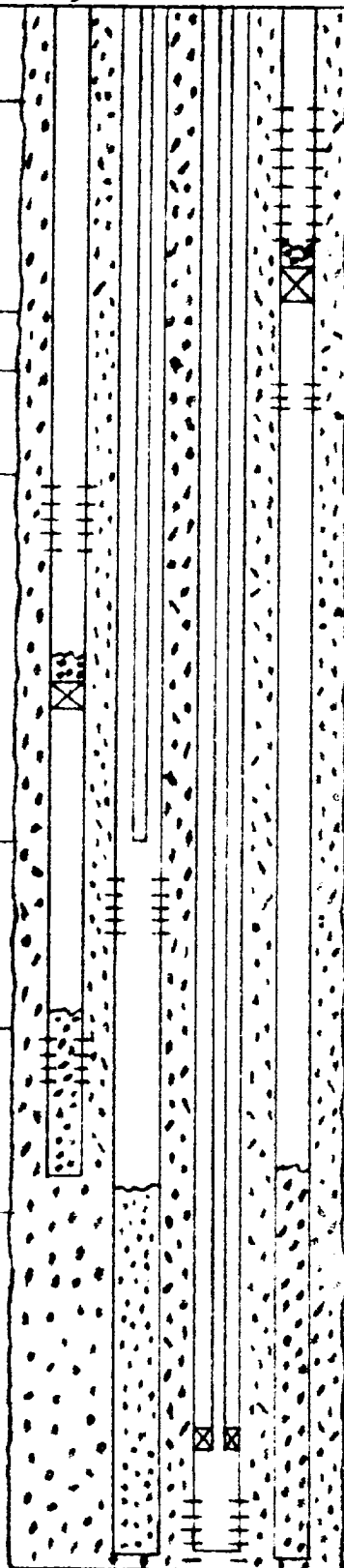
Top McKee 7985'.

Present perforations:
8020-8024; 8042-8076; and
8086-8096'.

Top Waddell 8133'.

Top Ellenburger 8440'.

Present perforations:
8460-8480'.



Basic mechanical data as of 5/1/64:

A. 16" csg at 507'. Cement circ.

B. 10-3/4" with 2 jts 13-3/8" csg
at 3440'. Cement circ.

C. Oil strings (all NUE):

1. Ellenburger - 3 1/2" bottomed
at 8477'. DOD 8480'. This zone
on Kobe pump utilizing 1 1/2" IJ power
oil string landed on Baker model FA
retainer packer set at 8400'.

2. McKee - 3 1/2" bottomed at 8478'.
DOD 8381'. Flowing through 1 1/2" IJ
tubing hung at 7985'.

3. Waddell - 2-7/8" bottomed
at 8379.5'. Waddell perforations
8136-8174' cemented off. PBD 8108'.

4. Devonian - 2-7/8" bottomed at
8479'. DOD 8375'. Perfd 6790-6820'.

D. All oil strings cemented in
common well bore with 2000 sacks.
Temperature top cement 800'.

Proposed Work Over By Oil Strings:

1. Ellenburger - no change.

2. McKee - stimulate present perfs
by lease oil sand frac.

3. Recomplete in Montoya:
set Baker CIBP near 7500',
cap with cement to permanently
abandon Waddell. Perforate
Montoya and stimulate same
with acid.

4. Recomplete in Blinebry:
set Baker CIBP near 5650',
cap with cement to permanently
abandon Devonian. Perforate
Blinebry and stimulate same
with acid and lease oil sand
frac.

T. D. 8480'