

July 10, 1991

Harvey E. Yates Company

JFG 7 Fee #1

Surface location: 1980' FNL & 1980' FEL

BH Location for original wellbore @ 10,244' (MD): 1900' FNL & 2006' FEL

Location of logging tool @ 10,085' (MD): 1902' FNL & 2003' FEL

BH Location for deviated wellbore @ 10,209' (MD): 1964' FNL & 2072' FEL

Sec. 7, T18S, R35E

Lea County, New Mexico

6/20/91 TD 7 7/8" hole @ 10,244'
Logging tool stuck @ 10,085'

6/20-22/91 Fish for Wireline & logging tool; Unsuccessful @
recovering logging tool.
As per Jerry Sexton (OCD-Hobbs), Approval to leave
logging tool in hole and whipstock around as
follows:

- 1) Run survey to show bottom hole location of wellbore
- 2) Set 100' plug (w/red die) on top of tool
- 3) Set 300' of cmt for kick off
- 4) Drill around logging tools & to desired TD & run csg to TD if desired

6/23-30/91 Set 55 sks Cl "H" w/red die & .3% retarder from 10,080 to 9930'
WOC 24 hrs
~~Tagged plug @ 9930' & set whipstock plug @ 9930'~~
w/185 sks Cl "H" w/10#/sk sand
WOC 24 hrs
Top of plug @ 9558'; Dressed off to 9605', Start kickoff @ 9605', drilled to 10,209' w/max deviation of 15.25 deg

7/1/91 TD well @ 10,209'

7/3/91 Ran 92 jts (3933') N-80 & 147 jts (6288') J-55 csg;
Set @ 10,209'
Cmtd 1st Stage: 50 sks 65/35 H/poz & 305 sks "H"
PD @ 11:30 am 7/3/91; Circ 57 sks to pit
Pmpd 500 gals MW-1 ahead of 1st stage
2nd Stage: 1160 sks 65/35 H/poz & 100 sks "H" Neat
PD @ 7:15 pm 7/3/91; Circ 6 hrs between stages
RR @ 1:15 am 7/4/91

Distance from deviated wellbore from original wellbore @ 10,085 (MD) is 90' (away from logging tool @ same depth)
Distance from deviated wellbore from original wellbore @ 10,209' (MD-TD) is 92'

See Attached Surveys for old and new holes