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UNION OIL COMPANY OF CALIFORNIA
ENERGY RESOURCES
PERMIAN BASIN BUSINESS UNIT
SOUTH PERMIAN ASSET TEAM
CONDITION OF HOLE AND PROCEDURE

DATE: October 22, 1993

Field: QUAIL RIDGE MORROW Area: South Permian

Lease/Unit: PIPELINE DEEP UNIT FEDERAL Well No.: 1

Reason For Work: To P & A the depleted Lower Morrow producing zone and recomplete into the Middle Morrow producing zone.

Condition of Hole:

Total Depth: 13,551' PBTD: 13,472' KB Datum is: 19' Above GL

Casing Record: 11-3/4", 42#, H-40 csg @ 457'. Cemented w/400 sx. Incor cmt.
(circulated 50 sx. to surface).

8-5/8", 32#, S-80 & J-55 csg @ 5352'. Cemented w/500 sx. Incor
cmt. (Plug did not bump. Had full circ).

5-1/2", 17 & 20#, N-80 & S-95 csg @ 13,542'. Cemented w/675 sx.
Cl. "H" 50/50 pozmix cmt + 675 sx. Cl. "H" cmt. (TOC @ 10,080' by
Temp. Survey) ..

PERFORATIONS: Lower Morrow (10 holes) @ 13,456'-460'.

Tubing Detail: 413 joints of 2-7/8", 6.5#, N-80, AB Mod. DS-HT tbg. (13,344') and
Baker Model "F-1" packer set @ 13,358'.

Rod & Pump Detail: N/A (Flowing Gas Well)

Regulatory Agency Requirements: New Potential Test & Sundry Notices

PROCEDURE:

1. All production tree valves should be checked for effective pressure containment.
pressure. Any defective equipment should be repaired during the course of this
workover.
2. MIRU WSU. Kill well with produced water. Ensure well is dead, then nipple up
BOP and function test.