

YATES DRILLING COMPANY
CHRONOLOGICAL DRILLING REPORT
Hurricane Federal #1
Unit D
24-23N-9W
San Juan County, New Mexico



7-28-89 Location: 400' FNL & 990' FWL (NWNW) of Section:
24-23N-9W, San Juan County, New Mexico. Lease No.:
NM-36949. Elevation: 6758' GR. PTD: 5000' L. Mancos.
Drilling Contractor: Walters Drilling. Prep to spud.

7-29-89 Drilling 408'. Made 408'. MW 8.7, Vis 45, Wl 5. Survey
285' 3/4 deg. WOB 35000#, RPM 80, SPM 98, PP 1400#.
Spudded 11:15 AM 7-28-89. Ran 7 joints 8-5/8" 24# J-55
(283') casing, set 277'. Texas Pattern Notched guide shoe
set 277'. Insert float set 234'. Cemented with 180
sacks Class "B" + 3% CaCl₂ + 1/4#/sx Flocele (yield 1.18,
weight 15.6). PD 4:00 PM 7-28-89. Bumped plug to 1000
psi, released pressure and float held okay. Cement
circulated 50 sacks. WOC. Drilled out 4:00 AM 7-29-89.
WOC 12 hours. Reduced hole to 7-7/8". Drilled plug and
resumed drilling. DC \$21,117.23; CC \$20,839.23

7-30-89 Drilling 2427' Menefee Shale. Made 2019' in 20-1/4 hours.
MW 9.1, Vis 45, Wl 5. Surveys 709' 1 deg, 1206' 1 deg,
1706' 3/4 deg, 2204' 1/4 deg. WOB 25000#, RPM 80, SPM
96, PP 1800#. DC \$22,759; CC \$43,598.23

7-31-89 Drilling 3387' Menefee Shale. Made 960' in 18-1/4 hours.
MW 9.1, Vis 40, Wl 5. Surveys 2545' 3/4 deg, 3075' 3/4
deg. WOB 38000#, RPM 70, SPM 96, PP 1700#. T1H with
bit #4 at 3075'. DC \$11,110; CC \$54,708.23

8-1-89 Drilling 4326'. Made 939' in 22-1/4 hours, 30'/hr. MW
9.1, Vis 38, Wl 4. Surveys 3537' 3/4 deg, 4105' 3/4 deg.
WOB 38000#, RPM 70, SPM 96, PP 1750#. DC \$10,879;
CC \$65,587.23

8-2-89 TD 4971' Gallup. T1H and conditioning for logs. Made 645'
in 20-1/4 hours, 31'/hr. MW 9.2, vis 77, Wl 5.6. Survey
4605' 3/4 deg. WOB 38000#, RPM 70, SPM 96, PP 1750#.
Reached TD 4971' at 3:00 AM 8-2-89. Increased Vis to 150+
and conditioning for logs. DC \$7645; CC \$73,232.23

ACCEPTED FOR RECORD

AUG 10 1989

FARMINGTON RESOURCE AREA

BY

NMOCD

RECEIVED
MAIL ROOM
AUG 11 7 PM 4:09
FARMINGTON RESOURCE AREA
FARMINGTON, NEW MEXICO

RECEIVED

AUG 14 1989

OIL CON. DIV
DIST. 3

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DIST. 6 N.M.
Carlsbad, New Mexico