

Rocky Mountain	County or Parish San Juan County	State New Mexico
Basin Dakota	Lease or Unit Maddox WN Federal	Well no. #1

and depth
8:00 a.m.

Complete record for each day while drilling or workover in progress

1/82 Cont'd

up to 1000 psi & held. Released pkr & pulled 27 jts. Set pkr at 3531'KB. Pmpd wtr dwn csg & pressured up to 600 psi. Opn'd up Bradenhead. Strtd to mix cmt at 15.6 lb slurry. Pmpd 16 bbls (75 sx) Cl. "B" Neat cmt. Pmpd first 11 bbls of slurry at 2 BPM & 250 psi. Pmpd last 5 bbls of slurry at 1 BPM & 250 psi. Displaced cmt dwn tbg w/16.5 bbls wtr at 1.5 BPM & 400 psi. Got returns out Bradenhead. Shut well in and SDON.

13/82

Opn'd well up. Released pkr & pulled tbg & pkr. LD pkr & PU 3-3/4" drlg bit. Ran bit in hole on 121 jts. 2-3/8" tbg. Hit top of cmt at 3669'KB. Circ. wtr in csg, out tbg. Drld about 15' soft cmt, then 90' hd cmt. Bottom of cmt at about 3774'KB. Circulated hole until returns were clean. Lost about 30 bbls wtr while circulating. Pulled 3 jts tbg to get above bad spot. Shut in tbg & pmpd wtr dwn csg. Pressured up to 200 psi & shut pmp dwn. Pressure immediately dropped to 160 psi, then bled off very slowly. Pressured up to 450 psi & 5 bbls wtr in 3 min., when wtr circulated out Bradenhead. Pulled tbg & LD bit. PU Baker fullbore pkr & RIH on 116 jts tbg. Shut well in & SDON.

14/82

Opn'd well up. Pressured on backside of pkr to 750 psi. Started to mix cmt at 16 lb slurry. Pmpd 10.4 bbls (50 sx) of Cl "B" Neat cmt & 10.4 bbls (50 sx) Cl "B" Neat cmt w/0.6% D-19 retarder. Strtg pmpg pressure was 550 psi, final pmpg pressure was 200 psi. Strtd displacing cmt w/13 bbls wtr at 1-1/2 BPM & 300 psi. Finished displacing cmt in stages as follows:

Shut		Starting	Pumping	Shut Dwn
Down	Pmpd	Pressure	Pressure	Pressure
15 min	1 bbl	450 psi	700 psi	600 psi
10 min	1/2 bbl	500 psi	750 psi	700 psi
10 min	1/2 bbl	625 psi	850 psi	800 psi
10 min	1/2 bbl	650 psi	900 psi	900 psi
10 min	1/2 bbl	650 psi	900 psi	700 psi
15 min	1/4 bbl	650 psi		

Total Displacement of 16-1/4 bbl wtr. Shut well in & SDON.

15/82

Opn'd well up. Released pkr & POH. LD pkr & PU 3-3/4" bit. Ran bit in hole on 118 jts tbg. Top of cmt at 3593'KB. Drld cmt out to 3755'KB when wtr & mud started circulating out Bradenhead. Finished drlg out cmt at 3784'KB. Pressured up tbg. Wtr flowed out Bradenhead at about 1/2 BPM & 250 psi. POH bit. RIH pkr & set at 3531'KB. Pressured up csg to 750 psi. Mixed & pmpd 10.4 bbls (50 sx) Cl "B" neat cmt slurry at 3/4 BPM & 300 psi. Displaced cmt in stages as follows:

(Continued)