

LOUIS DREYFUS NATURAL GAS CORP

DRILLING AND OPERATION SUMMARY

PINNACLE STATE #14

1980 FNL & 990 FEL
SEC 36,T-22S, R-28E
EDDY COUNTY, NM
GR ELEV:
LDNGC WI:
OBJ: DELEWARE

PROP. NO.
AFE. NO. 833
AFE: DHC \$227,700; CWC:\$444,200
CONTR:CAPSTAR
SPUD DATE:09/18/95
PROPOSED TD:6450'

09/18/95 Day 1-Depth-240; Prog-240; Oper-Drlg; Formation-Red Bed; Bit #1; S/N-RR; Size-17 1/2; MFG-HTC; Type-R-1; Jets-16/16/15; In-40; Out-Drlg; Ftg-200; Hrs-6 1/2; FPH-30.8; WOB-411; RPM-70; BHA-8'-160; 6'-80; Liner-5 1/2; Stroke-18; SPM-44; Press-300; GPM-272; Time Breakdown-16 hrs-MIRU; 1/2 hr-Drlg (Spud well @ 10:00 pm 09/17/95 MST); 1 hr-Waiting on wtr, Lost circ @ 65'; 4 hrs-Drlg w/no ret; 1/2 hr-Waiting on wtr; 2 hrs-Drlg w/no ret.
DMC \$0 TMC \$0
DWC \$14,835 CWC \$14,835

09/19/95 Day 2-Depth-388; Prog-148; Oper-WOC; Formation-Red Bed; MW-8; VIS-28; pH-8; Bit #1; S/N-RR; Size-17 1/2; MFG-HTC; Type-R-1; Jets-16/16/15; In-40; Out-388; Ftg-348; Hrs-10 1/4; FPH-33.96; T/B/G-4/4/In; WOB-411; RPM-80; BHA-160 & 228; Liner-5 1/2; Stroke-18; SPM-44; Press-500; GPM-272; Time Breakdown-1 hr-Drlg w/no ret; 1/2 hr-Waiting on wtr; 2 hrs-Drlg w/25% ret; 1/2 hr-Waiting on wtr; 3/4 hr-Drlg w/40% ret, TD'd 17 1/2" hole @ 10:45 am (MST) 09/18/95; 1/2 hr-Circ w/40% ret; 1 hr-POOH; 2 hrs-Run 13 3/8" csg; 1/4 hr-circ; 1 1/2 hr-Cmt. Plug dn @ 4:00 pm (MST) 09/18/95. Circ 60 sxs to pit; 14 hrs-WOC. Csg Report-Ran 9 jst 13 3/8", 54.5#/ft, K-55, ST/C, 8rd csg. Set @ 388'. Ran 3 cent-#1 on middle of shoe jt & #2 & #3. Had 1-15' cut-off. Cmt report-Pmpd 10 bbls FW, 50 sxs 10/2 RFC w/1/4# Flocele. Mixed @ 14.2#/g & 1.6 yield. 400 sxs class 'C' w/2% CaCl₂ & 1/4# Flocele. Mixed 14.8#/g & 1.32 yield. Displ w/54 bbls FW. Plug dn @ 4:00 pm (MST) 09/18/95. Circ 60 bbls cmt to pit. WOC-24 hrs.
DMC \$750 TMC \$750
DWC \$14,824 CWC \$29,659

09/20/95 Day 3-Depth-1096; Prog-708; Oper-Drlg; Formation-Anhy; MW-9.7; VIS-29; pH-10; Chls-98,000; Bit #2; S/N-S83FE; Size-12 1/4; MFG-HTC; Type-J33; Jets-12/14/14; In-388; Out-Drlg; Ftg-708; Hrs-13 1/4; FPH-53.4; WOB-20-35; RPM-70; BHA-150/727; Liner-5 1/2; Stroke-18; SPM-50; Press-700; Dev- 1/2 @ 881; Time 2 hrs-NU BOP; 1/2 hr-Test blinds- 500 psi-OK; 2 hrs-Trip in hole; 1/2 hr-Test rams to 500 psi-OK; 5 hrs-WOC; 10 hrs-Drlg; 3/4 hr-Totco 3 1/4 hrs-Drlg.
DMC \$40 TMC \$790
DWC \$11,760 CWC \$41,419

09/21/95 Day 4-Depth-1626; Prog-530; Oper-Drlg; Formation-Anhy & salt; MW-10.1; VIS-29; pH-10.5; Chls-185K; Bit #2; S/N-S83FE; Size-12 1/4; MFG-HTC; Type-J33; Jets-12/14/14; In-388; Out-Drlg; Ftg-1238; Hrs-36 1/4; FPH-34.2; WOB-35-45; RPM-70; BHA-150/727; Liner-5 1/2; Stroke-18; SPM-47; Press-800; GPM-290; NV-225; AV-83/62/57; Dev-1 3/4 @ 1355, 1 3/4 @ 1570; Time Breakdown-7 1/4 hrs-Drlg; 1/4 hr-Serv rig; 2 hrs-Drlg; 1/4 hr-Totco; 10 1/2 hrs-Drlg; 1/2 hr-Totco; 3 1/4 hr-Drlg.
DMC \$35 TMC \$825
DWC \$8,215 CWC \$49,634