

LOUIS DREYFUS NATURAL GAS CORP
DRILLING AND OPERATION SUMMARY

PINNACLE STATE #12

330 FSL & 1650 FWL
SEC 36,T-22S, R-28E
EDDY COUNTY, NM
GR ELEV:
LDNGC WI:100%; NRI:80.7222%
OBJ: DELEWARE

PROP. NO. 4464-001
AFE. NO. 832
AFE: DHC \$226,400; CWC:\$442,100
CONTR:CAPSTAR
SPUD DATE: 10/04/95
PROPOSED TD:6350'

10/05/95 Day 1; Depth 67; Prog-67; Opr-WO Magnet; Formation-Red Bed; MW-8.8; Vis-28; pH-9; Bit #1; SN-RR; Size-12 1/4; MFG-HTC; Type-J22; Jets-13/13/13; In-0; Out-Drlg; Ftg-67; Hrs-1; FPH-67; WOB-411; RPM-80; BHA-67; Liner-5 1/2; Stroke-18; SPM-50; Press-700; GPM-309; Timebreak down-14hrs-MI & RU; 1/2 hr-Drlg, Spud @ 8:00 pm (MST) 10-4-95; 1 1/2 hrs-Rig repair; 1/2 hr-Drlg; 7 1/2 hrs-POOH & wait on magnet (Dropped & shop hammer in hole).
DMC-\$0 TMC-\$0
DWC-\$14,235 CWC \$-14,235

10/06/95 Day 2; Depth-520; Prog-453; Opr-POOH for csg; Formation-Red Bed & sd; MW-9.0; Vis-29; pH-10; Bit #1; SN-RR; Size-12 1/4; MFG-HTC; Type-J22; Jets-13/13/13; In-0; Out-520; Ftg-520; Hrs-12; FPH-43.3; WOB-411; RPM-75; BHA-530; Liner-5 1/2; Stroke-18; SPM-50; Press-450; GPM-309; Timebreak down-11 hrs-Fishing for hammer head; 11 hrs-Drlg TD'd 12 1/4 hole @ 4:00 am (MST) 10-6-95; 1/2 hr-Circ & drop Totco; 1 1/2 hr-POOH for csg.
DMC-\$530 TMC-\$530
DWC-\$8,405 CWC \$22,640

10/07/95 Day 3; Depth-602; Prog-149; Opr-Drlg; Formation-Red Bed; MW-9.6; Vis-28; pH-10; Bit #2; SN-A8584; Size-7 7/8; MFG-WMc; Type-52CHF; Jets-13/13/14; In-520; Out-Drlg; Ftg-82; Hrs-2; FPH-41; WOB-10-20; RPM-70; BHA-692; Liner-5 1/2; Stroke-18; SPM-50; Press-700; GPM-308; NV-241; AV-290/204; Dev-1 @ 497; Timebreak down-2 hrs-Run csg; 3/4 hr-Circ; 3/4 hr-Cmtg; 18 hrs-WOC (Cut off csg weld on 8 5/8 Starting head-Build-up wellhead & BOP) Test blinds-1000 psi (OK). GIH. Test rams 1000 psi (OK); 1/2 hr-Drlg cmt & plug; 2 hrs-Drlg new formation. Csg & report- Ran 12 jts 8 5/8", 24#/ft, K-55, 8rd & ST&C csg. Set @ 520'. Ran cent on middle of shoe jt. Jt #3 & #4. Had 14.2' Cut off. Left on location. Cmt report- Pmpd 10 bbls FW, 350 sxs Class "C" cmt w/2% CaCl₂ & 1/4#/sx Celloflake. Mixed @ 14.8#/g & 1.32 yield. Displ plug w/31.5 bbls FW. Plug dn @ 9:20 am (MST) 10-6-95. Circ 30 sxs to pit. WOC-18 hrs. OCD was notified for spud & cmt job.
DMC-\$0 TMC-\$530
DWC-\$13,799 CWC \$36,439

10/08/95 Day 4; Depth-1424; Prog-822; Opr-Drlg; Formation-Anhy & Salt; MW-9.9; Vis-28; pH-10; Chls-184K; Bit #2; SN-A8584; Size-7 7/8; MFG-WMc; Type-52CHF; Jets-13/13/14; In-520; Out-Drlg; Ftg-904; Hrs-23 3/4; FPH-38.1; WOB-8-20; RPM-80; BHA-692; Liner-5 1/2; Stroke-18; SPM-48; Press-750; GPM-296; NV-231; AV-279/196; Dev-2 3/4 @ 993; 3 1/4 @ 1166; 3 @ 1295; 2 3/4 @ 1381; Timebreak down-4 3/4 hrs-Drlg; 3/4 hr-Totco (miss run); 1 hr-Drlg; 1/2 hr-Totco @ 993'; 4 hrs- Drlg; 1/4 hr-Totco @ 1166'; 3 1/4 hrs-Drlg; 1/4 hr-Totco @ 1295'; 6 1/2 hrs-Drlg; 1/2 hr-Totco @ 1381'; 2 1/4 hrs-Drlg.
DMC-\$0 TMC-\$530
DWC-\$10,968 CWC \$47,407