

LOUIS DREYFUS NATURAL GAS CORP
DRILLING AND OPERATION SUMMARY

SHEEP DRAW FEDERAL #4

990' FNL & 2310' FEL
SEC 33, 22S-26E
EDDY COUNTY, NM
GR ELEV:
LDNGC WI:60% NRI:42.700%
OBJ: DELAWARE

PROP. NO. 4331-001
AFE. NO. 732
AFE:DHC:\$197,500 CWC:\$412,750
CONTR: CapStar #6
SPUD DATE: 07/31/95
PROPOSED TD: 5000'

07/31/95 Day 1-Depth 171; Prog-171; Oper-Drlg; Formation-Anhyd; MW-8.8; Vis-29; pH-10; Bit #1; S/N-RR; Size-17 1/2; MFG-Sec; Type-S35J; Jets-14/15/16; In-40; Out-Drlg; Ftg-171; Hrs-6 1/2; FPH-20; WOB-All; RPM-60; BHA-171; Liner-5 1/2; Stroke-18; SPM-50; Press-450; GPM-296; Time breakdown-17 1/2 hrs-MI & RU; 6 1/2 hrs-Drlg. Spud @ 11:30 pm (MST) 07/31/95. Starting wtr meter 224,373.
DMC \$0 TMC \$0
DWC \$9,600 CWC \$9,600

08/01/95 Day 2-Depth 362; Prog-191; Oper-WOC; Formation-Anhyd; MW-8.8; Vis-29; pH-9; Bit #1; S/N-RR; Size-17 1/2; MFG-Sec; Type-S35J; Jets-14/15/16; In-40; Out-362; Ftg-322; Hrs-21 1/2; FPH-15; T/B/G-3-3-In; WOB-411; RPM-70; BHA-360; Liner-5 1/2; Stroke-18; SPM-54; Press-450; GPM-320; NV-197; AV-32/29; Dev 1 @ 362; Time breakdown-1 1/4 hrs-Drlg; 2 hrs-Rig repair & service; 1 hr-Drlg; 1/2 hr-Repair; 12 3/4 hrs-Drlg; 3/4 hr-Circ & drop Totco; 1 1/4 hr-Trip for csg; 2 1/2 hr-Run 13 3/8" csg; (Note-Called BLM); 1 hr-RD csgers, RU cmtrs & circ; 3/4 hr-Cmtg Plug dn @ 5:45 am (MST) 08/01/95; 1/4 hr-WOC (NOTE-No BLM witness). Cmtg report-Ran 8 jts 13 3/8" ST/C; K-55, 54.5#/ft, 8rd csg. Ran cent on middle of shoe jt, collars number 2 & 3 (3 cent total). Pmpd 10 bbls wtr ahead, 400 sxs Class "C" w/2% C₂Cl₂ & 1/4# Floceal. Mixed @ 14.8#/g & 1.32 yield. Displ w/49.5 bbls FW. Plug dn @ 5:45 am (MST) 08/01/95. Circ 102 sx to pit
DMC \$365 TMC \$365
DWC \$15,082 CWC \$24,682

08/02/95 Day 3-Depth-433; Prog-71; Oper-Drlg; Formation-Anhyd; MW-8.4; Vis-29; pH-9; Bit #2; S/N-RR; Size-12 1/4; MFG-Smith; Type-F27; Jets-13/13/14; In-362; Out-Drlg; Ftg-71; Hrs-5; FPH-14.2; WOB-30K1; RPM-60; BHA-425; Liner-5 1/2; Stroke-18; SPM-46; Press-450; GPM-272; NV-212.5; AV-764/58.5; Time breakdown-17 3/4 hrs-WOC; 1 hr-Test blinds, rams & wellhead 500 psi/30 min (OK); 1/4 hr-Drlg cmt & plug; 5 hrs-Drlg.
DMC \$0 TMC \$365
DWC \$1,392 CWC \$26,074

08/03/95 Day 4-Depth-947; Prog-514; Oper-Drlg; Formation-Anhyd; MW-8.4; Vis-28; pH-10.5; Bit #2; S/N-RR; Size-12 1/4; MFG-Smith; Type-F27; Jets-13/13/14; In-362; Out-Drlg; Ftg-585; Hrs-27; FPH-21.7; WOB-40K; RPM-60; BHA-823; Liner-5 1/2; Stroke-18; SPM-48; Press-600; GPM-284; NV-219; AV-79/60; Dev-2 3/4 @ 862; Time breakdown- 1/2 hr-Drlg; 1/2 hr-Serv rig; 4 hrs-Drlg; 1/2 hr-Rig repair; 3 hrs-Drlg; 1/2 hr-Rig repair; 9 3/4 hrs-Drlg; 1/2 hr-Totco; 4 3/4 hrs-Drlg..
DMC \$235 TMC \$600
DWC \$7,336 CWC \$33,410