LOUIS DREYFUS NATURAL GAS CORP

DRILLING AND OPERATION SUMMARY

QUAHADA RIDGE "31" FED #4

990' FSL & 330' FWL
SEC 31, T22S, R29E
EDDY COUNTY, NM
GR ELEV:
LDNGC WI: 1.00% NRI: 76.250%
OBJ: DELAWARE

PROP. NO.420158.001
AFE. NO. 626
AFE:DHC:$223,300 CWC:$441,300
CONTR: CapStar #6
SPUD DATE: 06/16/95
PROPOSED TD: 6500'

06/17/95 Day 1-Depth-375; Prog-375; Oper-RU Cementers; Formation-Surf Rx/Red Bed; MW-9.4; Vis-31; pH-7; Bit #1; S/N-Pag385; Size-17 1/2; MFG-Smith; Type-DSJC; Jets-16/16/16; In-0; Out-375; Ftg-375; Hrs-8 3/4; FPH-43; T/B/G-2/2/In; WOB-All; RPM-70; BHA-375; Liner-5 1/2' Stroke-18; SPM-60; Press-400; GPM-355; NV-193; AV-36; Dev N/R @ 375; Time Breakdown-7 1/4 hrs-MI & RU; 8 3/4 hrs-Drlg. Spud well @ 1:15 pm (MST) 6-16-95; ½ hr-Circ for csg; 1 ½ hrs-Drop Totco & POOH; 5 ½ hr-RU csg crew & run 87 jts plus landing jt to 375'; ½ hr-Circ on btm. Called BLM w/3 hr notice. 13 3/8" csg report & cmt report. Ran all 13 3/8" 54.5#/ft; K-55; ST/C 8 rd csg. Set @ 375'. 13 3/8" Tx Ptrn Guide Shoe (1.10) @ 375; 1 jt 13 3/8" csg (46.85) @ 373.9; Insert Float; 7 jts-13 3/8" csg (316.19) @ 327.05; 1 jt 13 3/8" Landing jt (16.12) @ 10.86. Total pipe (380.26). Ran 3 cent on 1st 3 collars. Had 1 jt (47') & 1-Cut off jt (15.10) Left on location. Cmt Report-Pmpd 10 bbls H_2O spacers. Mix 400 sx Class "C" w/1/4# Flocele & 2% C_ACl_2 (14.8#/gal & 1.32 yd). Displ w/51.4 bbls FW. Bumped plug w/400 psi. ck float-held OK. Plug Dn @ 6:50 am (MST) 06-17-95. Circ 72 sx to pit. BLM was notified for cmt job. No one w/BLM was on location to witness.
DMC: $0 TMC: $0
DWC: $19,607 CWC: $19,607

06/18/95 Day 2-Depth-449; Prog-74; Oper-Rig repair; Formation-Red Bed; MW-8.4; pH-11.5; Chls-2000; Bit #2; S/N-614535; Size-12 1/4; MFG-HTC; Type-535; Jets-3-11; In-375; Out-Drlg; Ftg-74; Hrs-1 1/2; FPH-49.4; WOB-25K; RPM-60; BHA-449; Liner-5 1/2' Stroke-18; SPM-39; Press-500; GPM-231; NV-265.5; AV-66; Time Breakdown-1 hr-Cmtg; 18 hrs-Cut off conductor & csg. Weld on 13 3/8" 2000 Starting head. NU BOP. Test Blinds & Rams-450 psi/30 mins (OK). Trip in hole; 3 hrs-Drlg cmt & plug; 1 ½ hrs-Drlg new formation; ½ hrs-Rig repair.
DMC: $695 TMC: $695
DWC: $12,317 CWC $31,924

06/19/95 Day 3-Depth-1266; Prog-817; Oper-Drlg; Formation-Anhy & Salt; MW-10.1; Vis-29; pH-11; Solids-Trace; Chls-165K; Bit #2; S/N-614535; Size-12 1/4; MFG-HTC; Type-535; Jets-3-11; In-375; Out-Drlg; Ftg-891; Hrs-24 1/4; FPH-36.7; WOB-30K; RPM-70; BHA-878; Liner-5 1/2' Stroke-18; SPM-49; Press-700; GPM-242; NV-278; AV-69/60/47; Dev 3/4 @ 475, 1 @ 964; Time Breakdown-1/2 hr-Totco & SR; ½ hr-Rig repair; 15 hrs-Drlg; 1/4 hr-Totco; 7 3/4 hr- Drlg.
DMC: $695 TMC: $695
DWC: $12,883 CWC: $44,807