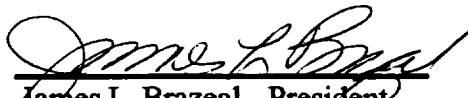


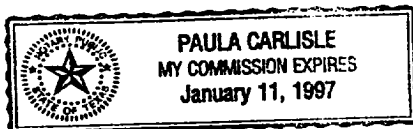
Louis Dreyfus
14000 Quail Springs Pkwy, Ste 600
Oklahoma City, OK 73134

Barbados State #1
Eddy County, NM

348	3.48	1	1.75	6.09	6.09
500	1.52	1/2	0.88	1.33	7.42
980	4.80	1 1/4	2.19	10.50	17.92
1480	5.00	2	3.50	17.50	35.42
1643	1.63	1	1.75	2.85	38.27
2140	4.97	2	3.50	17.40	55.67
2618	4.78	1 1/4	2.19	10.46	66.12
3091	4.73	1	1.75	8.28	74.40
3565	4.74	1 1/4	2.19	10.37	84.77
4038	4.73	1 1/2	2.63	12.42	97.19
4511	4.73	1 1/4	2.19	10.35	107.53
5011	5.00	2 1/4	3.94	19.69	127.22


James L. Brazeal - President

The attached instrument was acknowledged before me on the 27th day of
Mar, 1996 by James L. Brazeal, President of Brazeal, Inc. d/b/a CapStar Drilling.




Notary Public

LOUIS DREYFUS NATURAL GAS CORP

DRILLING AND OPERATION SUMMARY

BARBADOS STATE #1

1980 FSL & 660 FEL
SEC 32,T-22S, R-26E
EDDY COUNTY, NM
GR ELEV:
LDNGC WI:75.62%; NRI: 66.172%
OBJ: DELEWARE

PROP. NO. 4307-001
AFE. NO. 714
AFE: DHC \$197,500; CWC:\$412,750
CONTR:CAPSTAR
SPUD DATE: 10/21/95
PROPOSED TD:5000'

10/22/95 Day 1; Depth-218; Prog-218; Oper-Bit trip; Formation-Anhyd & Gyp; MW-8.6; Vis-29; pH-9; Bit #1; S/N-N/R; Size-17 ½; MFG-HTC; Type-R-1; Jets-13/13/13; In-40; Out-218; Ftg-178; Hrs-12 1/4; FPH-14.5; WOB-411; RPM-55; BHA-218; Liner-5 ½; Stroke-18; SMP-40; Press-400; GPM-247; NV-203; AV-25/22; Time breakdown-7 ½ hrs-RU; 5 ¾ hrs-Drlg. Spud well @ 1:30 pm (MST) 10-21-95; 3 ¼ hrs-Rig repair; 2 hrs-Drlg; 1/4 hr-Rig repair; 4 ½ hrs-Drlg; ¾ hr-Bit trip.
DMC-\$0 TMC-\$0
DWC-\$6,837 CWC-\$6,837

10/23/95 Day 2; Depth-249; Prog-31; Oper-Drlg; Formation-Anhyd & Gyp; MW-8.6; Vis-30; pH-9; Bit #1; S/N-N/R; Size-17 ½; MFG-HTC; Type-Retrip; Jets-13/13/13; In-40; Out-218; Ftg-178; Hrs-12 1/4; FPH-14.5; T/B/G-3/3/In; WOB-411; RPM-55; BHA-218; Bit #2; S/N-N/R; Size 17 ½; MFG-Sec; Type-Retrip; Jets-13/14/14; In-218; Out-Drlg; Ftg-31; Hrs-4; FPH-7 ¾; WOB-411; RPM-70; BHA-218; Liner-5 ½; Stroke-18; SMP-40; Press-400; Time breakdown-1 ¼ hrs-Bit trip; ¾ hr-Drlg; 5 hrs-Rig repair; 1 ¾ hrs-Drlg; 13 ¾ hrs-Rig repair; 1 ½ hrs-Drlg;
DMC-\$0 TMC-\$0
DWC-\$987 CWC-\$7,824

10/24/95 Day 3; Depth-308; Prog-59; Oper-Drlg; Formation-Anhyd & Gyp; MW-8.6; Vis-30; pH-9; Bit #2; S/N-N/R; Size 17 ½; MFG-Sec; Type-Retrip; Jets-13/14/14; In-218; Out-Drlg; Ftg-90; Hrs-11 ¾; FPH-7.7; WOB-411; RPM-60; BHA-145/163; Liner-5 ½; Stroke-18; SMP-40; Press-400; GPM-247; NV-203; AV-25/22. Time breakdown-4 ¾ hrs-Drlg; 16 ¼ hrs-Rig Repair (Replace Hydraulic pmp, fld & filters); 3 hrs-Drlg.
DMC-\$300 TMC-\$300
DWC-\$2,349 CWC-\$10,173

10/25/95 Day 4; Depth-358; Prog-50; Oper-WOC; Formation-Anhy; MW-8.7; Vis-30; pH-9; Bit #2; S/N-N/R; Size 17 ½; MFG-Sec; Type-Retrip; Jets-13/14/14; In-218; Out-358; Ftg-140; Hrs-17 ¾; FPH-13.9; WOB-411; RPM-70; BHA-145/213; Liner-5 ½; Stroke-18; SMP-40; Press-400; GPM-247; NV-203; AV-25/22; Dev 1 @ 358; Time breakdown-4 ½ hrs-Drlg; 4 ½ hrs-Rig repair; 1 ½ hrs-Drlg, TD'd 17 ½" hole @ 4:30 pm (MST) 10-24-95; ½ hr-Circ & drop Totco; ¾ hr-POOH; 3 ¼ hrs-Run 13 ¾" csg; 1 hr-Cmtg; 8 hrs-WOC. **CSG Report** - RIH w/9 jts 13 ¾" 54.5#/ft, K-55, ST/C & 8rd csg set @ 358'. Ran 3 cent-Middle of 1st jt & #2 & #3 collars. Had 1-14' cut off & 1-43.40' jt. Left over. **Cmtg report** -Pmpd 10 bbls FW ahead. 400 sxs Class "C" w/2% CaCl₂ & 1/4# /sx Celloflake. Mixed @ 14.8#/g & 1.32 yield. Displ plug w/53 bbls FW. Plug dn @ 10:00 pm (MST) 10-24-95. Circ 75 sxs to pit. WOC-18 hrs.
DMC-\$11 TMC-\$311
DWC-\$13,766 CWC-\$23,939

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Barbados State #1

10/26/95 Day 5; Depth-625; Prog-267; Oper-Drlg; Formation-Anhy & Gyp; MW-8.4; Vis-28; pH-11; Chls-1200; Bit #3; S/N-621463; Size-12 1/4; MFG-Sec; Type-S 83FL; Jets-13/14/14; In-358; Out-Drlg; Ftg-267; Hrs-11 ½; FPH-23.2; WOB-25-35; RPM-60; BHA-150/475; Liner-5 ½; Stroke-18; SMP-48; Press-800; GPM-296; NV-231; AV-84/64/58; Dev ½ @ 500; Time Break Down-10 hrs-WOC. Cut off csg. Weld on 13 3/8" starting head. Test to 300 psi. NU BOP. Test blinds to 500 psi. GIH w/bit #2 to 328' tag cmt. Test rams to 500 psi; 2 hrs-Drlg out cmt & plug; 6 3/4 hrs-Drlg new formation; ½ hr-Totco; 4 3/4 hrs-Drlg.
DMC-\$39 TMC-\$350
DWC-\$5,090 CWC-\$29,029

10/27/95 Day 6; Depth-1285; Prog-660; Oper-Drlg; Formation-Anhy & Gyp; MW-8.4; Vis-28; pH-11.5; Chls-1200; Bit #3; S/N-621463; Size-12 1/4; MFG-Sec; Type-S 83FL; Jets-13/14/14; In-358; Out-Drlg; Ftg-921; Hrs-34 ½; FPH-26.9; WOB-25-40; RPM-65; BHA-150/600; Liner-5 ½; Stroke-18; SMP-48; Press-750; GPM-296; NV-231; AV-84/64/58; Dev 1 1/4 @ 980; Time Break Down-3 1/4 hrs-Drlg; ½ hr-Service rig; 10 1/4 hrs-Drlg; ½ hr-Totco @ 980; 9 ½ hrs-Drlg.
DMC-\$100 TMC-\$450
DWC-\$9,320 CWC-\$38,349

10/28/95 Day 7; Depth-1359; Prog-74; Oper-Fishing for DC's; Formation-Anhy & Gyp; MW-8.4; Vis-28; pH-10.5; Bit #3; S/N-621463; Size-12 1/4; MFG-Sec; Type-S 83FL; Jets-13/14/14; In-358; Out-; Ftg-1001; Hrs-39; FPH-25.7; WOB-25-40; RPM-65; BHA-150/540; Liner-5 ½; Stroke-18; SPM-48; Press-750; GPM-296; NV-231; AV-84/64/58; Time Break Down-4 ½ hrs-Drlg; 3 ½ hrs-TOOH; 2 hrs-WO tools; 2 hrs-TIH w/overshot; 2 hrs-TOOH change overshot; 2 hrs-TIH. Latched on but slipped off; 1 3/4 hrs-TOOH; 2 3/4 hrs-WO tools; 1 3/4 hrs-TIH. Could not get over fish; 1 3/4 hrs-TOOH.
DMC-\$10 TMC-\$460
DWC-\$1,531 CWC-\$39,880

10/29/95 Day 8; Depth-1452; Prog-93; Oper-Drlg; Formation-Limestone, Dolo & Anhy; MW-8.4; Vis-28; pH-10; Bit #3; S/N-621463; Size-12 1/4; MFG-Sec; Type-S 83FL; Jets-13/14/14; In-358; Out-1359; Ftg-1001; Hrs-39; FPH-25.7; T/B/G-3/3/In; WOB-25-40; RPM-60; BHA-150/600; Bit #4; S/N-RR; Size 12 1/4; MFG-HTC; Type-J22c; Jets-13/13/13; In-1359; Out-Drlg; Ftg-93; Hrs-4; FPH-23.25; WOB-30-40; RPM-65; BHA-150/540; Liner-5 ½; Stroke-18; SPM-48; Press-750; GPM-296; NV-244; AV-84/64/58; Time Break Down-3/4 hr-Redress overshot; 1 3/4 hrs-TIH w/overshot; 2 ½ hrs-Latch on & work fish; 2 hrs-POOH w/fish; 3 hrs-LD fish & WO bit sub; 2 hrs-Trip in hole; 6 ½ hrs-Rig repair (Generator dn); 1 ½ hrs-Finish trip in hole; 1 hr-Ream to btm; 4 hrs-Drlg.
DMC-\$0 TMC-\$460
DWC-\$1,760 CWC-\$41,640

10/30/95 Day 9; Depth-1643; Prog-43; Oper-TD'd 12 1/4-Circ; Formation-Limestone; MW-8.4; Vis-28; pH-10.5; Bit #4; S/N-RR; Size 12 1/4; MFG-HTC; Type-J22c; Jets-13/13/13; In-1359; Out-1600; Ftg-241; Hrs-15.25; FPH-15.8; T/B/G-8/8/1/4; WOB-30-40; RPM-65; BHA-150/540; Bit #5; S/N-KX3866; Size-12 1/4; MFG-Smith; Type-BR4737; Jets-13/13/14; In-1600; Out-1643; Ftg-43; Hrs-3 1/2; FPH-12.3; WOB-25; RPM-65; BHA-150/540; Liner-5 ½; Stroke-18; SPM-48; Press-800; GPM-296; NV-239; AV-84/64/58; Dev -2 @ 1480; Time Break Down-1 ½ hrs-Drlg; ½ hr-Totco @ 1480; 9 3/4 hrs-Drlg; 2 1/4 hrs-TOOH for bit (Wore out); 4 hrs-Waiting on Junk basket; 2 hrs-TIH; ½ hr-Ream to btm; 3 ½ hrs-Drlg. TD'd 12 1/4 hole @ 6:00 am 10-30-95 (MST).
DMC-\$0 TMC-\$460

DWC-\$2,125

CWC-\$43,765

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Barbados State #1

10/31/95 Day 10; Depth-1643; Prog-0; Oper-WOC & NU wellhead; Formation-Limestone; Bit #5; S/N-KX3866; Size-12 1/4; MFG-Smith; Type-BR4737; Jets-13/13/14; In-1600; Out-1643; Ftg-43; Hrs-3 1/2; FPH-12.3; T/B/G-6/4/1 /16; WOB-25; RPM-65; Bit #6; S/N-A11434; Size-7 7/8" MFG-WMc; Type-53CHF; Jets-13/13/14; In-1643; Dev 1 @ 1643; Time Break Down- 1/2 hr-Circ; 1/4 hr-Drop Totco; 2 1/4 hrs-TOOH for csg; 3 1/4 hrs-RU & run csg; 1/2 hr-Circ; 1 1/4 hr-Cmt plug dn @ 2:00 pm (MST); 16 hrs-WOC Cut off csg. NU wellhead. Test blinds 1000 psi-OK. Ran 48 jts of 8 5/8", 24#/ft, K-55, ST/C, 8rd csg @ 1643'. Csg Report -Ran 5 cnet on collar #1, 2,3,4 &5. Had 1-35.13' jt & 1-15.2 cut-off left over. Cmt Report - Pmpd 10 bbls FW ahead. 400 sxs 65/35 H/Poz w/6% gel & 1/4# Celloflake. Mixed @ 12.4#/g & 2.14 yield. Tailed w/225 sxs Class "C" w/2% CaCl₂ & 1/4#/sx Celloflake. 14.8/g & 1.32 yield. Displ plug w/101 bbls FW. Plug dn @ 2:00 pm 10/30/95 (MST). Circ 90 sxs to pit. WOC-18 hrs.
DMC-\$0 TMC-\$460
DWC-\$23,130 CWC-\$66,895

11/01/95 Day 11; Depth-2235; Prog-592; Oper-Drlg; Formation-Sd, Shale & Limestone; Bit #6; S/N-A11434; Size-7 7/8" MFG-WMc; Type-53CHF; Jets-13/13/14; In-1643; Out-Drlg; Ftg-592; Hrs-16 3/4; FPH-35.3; WOB-25-30; RPM-65; BHA-546; Liner-5 1/2; Stroke-18; SPM-50; Press-800; GPM-308; NV-249; AV-290/204; Dev 2 @ 2140; Time Break Down- 2 hrs-WOC; 3 hrs-GIH w/bit #6; 1/2 hr-Test rams-1000 psi (OK); 3/4 hr-Drl out plug & cmt; 9 1/4-Drlg new formation; 1/4 hr-Work on #1 pmp; 1 1/4 hr-Drlg; 1/4 hr-Work on #1 pmp; 3 hrs-Drlg; 1/2 hr-Totco @ 2140; 3 1/4 hrs-Drlg.
DMC-\$40 TMC-\$500
DWC-\$8,775 CWC-\$75,670

11/02/95 Day 12; Depth-2971; Prog-736; Oper-Drlg; Formation-Sd & shale; Bit #6; S/N-A11434; Size-7 7/8" MFG-WMc; Type-53CHF; Jets-13/13/14; In-1643; Out-Drlg; Ftg-1328; Hrs-40 1/2; FPH-32.8; WOB-30K; RPM-65; BHA-546; Liner-5 1/2; Stroke-18; SPM-50; Press-800; GPM-308; NV-249; AV-290/204; Dev 1 1/4 @ 2618; Time Break Down-15 hrs-Drlg; 1/4 hr Totco; 8 3/4 hrs-Drlg.
DMC-\$40 TMC-\$500
DWC-\$10,589 CWC-\$86,259

11/03/95 Day 13; Depth-3550; Prog-579; Oper-Drlg; Formation-90% Sd & 10% shale; MW-8.8; Vis-30; pH-10.5; WL-25; Chls-43,000; Bit #6; S/N-A11434; Size-7 7/8" MFG-WMc; Type-53CHF; Jets-13/13/14; In-1643; Out-Drlg; Ftg-1907; Hrs-62 3/4; FPH-30.4; WOB-30K; RPM-65; BHA-546; Liner-5 1/2; Stroke-18; SPM-50; Press-800; GPM-308; NV-249; AV-290/204; Dev 1 @ 3091; Time Break Down-5 1/4 hrs-Drlg; 1/2 hr-Totco @ 3091; 1/2 hr-Drlg; 1 1/4 hr-Rig repair; 16 1/2 hrs-Drlg.
DMC-\$1,700 TMC-\$2,200
DWC-\$10,545 CWC-\$96,804

11/04/95 Day 14; Depth-3909; Prog-359; Oper-Drlg; Formation-Sd & shale; MW-8.9; Vis-30; PV/YP-2/1; pH-10.5; WL-26; WL-26; Cake-Film; Solids-.6%; Chls-43,000; Bit #6; S/N-A11434; Size-7 7/8" MFG-WMc; Type-53CHF; Jets-13/13/14; In-1643; Out-Drlg; Ftg-2266; Hrs-77 1/4; FPH-29.3; WOB-35K; RPM-65; BHA-546; Liner-5 1/2; Stroke-18; SPM-50; Press-800; GPM-308; NV-249; AV-290/204; Dev 1 1/4 @ 3565; Time Break Down-2 hrs-Drlg; 1 hr-Totco (3565); 4 3/4 hrs-Drlg; 1/4 hr-Pmp repair; 1 3/4 hr-Drlg; 3/4 hr-Pmp repair; 7 1/2 -Trip for

HIP. (Hole in X-over from DP to DC); 6 hrs-Drlg.
 DMC-\$950 TMC-\$3,150
 DWC-\$7,080 CWC-\$103,884

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11/05/95 Day 15; Depth-4483; Prog-574; Oper-Drlg; Formation-Sd & shale; MW-9.0; Vis-30; PV/YP-2/1; pH-10; WL-34; Solids-1.1; Chls-61K; Bit #6; S/N-A11434; Size-7 7/8" MFG-WMc; Type-53CHF; Jets-13/13/14; In-1643; Out-Drlg; Ftg-2840; Hrs-100 ½; FPH-28.3; WOB-35K; RPM-65; BHA-546; Liner-5 ½; Stroke-18; SPM-50; Press-825; GPM-308; NV-249; AV-290/204; Dev 1 ½ @ 4038; Time Break Down-3 ¾ hrs-Drlg; 1/4 hr-Service rig; 3 ½ hrs-Drlg; ½ hr-Totco @ 4038; 16 hrs-Drlg.
 DMC-\$50 TMC-\$3,200
 DWC-\$8,550 CWC-\$112,434

11/06/95 Day 16; Depth-4865; Prog-382; Oper-Drlg; Formation-Sd & shale; MW-9.0; Vis-30; pH-10; WL-9; Cake-Film; Chls-61K; Bit #6; S/N-A11434; Size-7 7/8" MFG-WMc; Type-53CHF; Jets-13/13/14; In-1643; Out-Drlg; Ftg-3222; Hrs-124; FPH-26; WOB-35K; RPM-65; BHA-546; Liner-5 ½; Stroke-18; SPM-50; Press-825; GPM-308; NV-249; AV-290/204; Dev 1 1/4 @ 4511; Time Break Down-4 1/4 hrs-Drlg; ½ hr -Totco @ 4511; 19 1/4 hrs-Drlg.
 DMC-\$0 TMC-\$3,200
 DWC-\$6,075 CWC-\$118,509

11/07/95 Day 17; Depth-5040; Prog-175; Oper-Trip for logs; Formation-Limestone; MW-9.0; Vis-30; PV/YP-2/1; Gal-1/2; pH-9.5; WL-10.4; Cake-Film; Solids-.8; Chls-64K; Bit #6; S/N-A11434; Size-7 7/8" MFG-WMc; Type-53CHF; Jets-13/13/14; In-1643; Out-5040; Ftg-3397; Hrs-137 ¾; FPH-24.7; WOB-35K; RPM-65; BHA-546; Liner-5 ½; Stroke-18; SPM-50; Press-825; GPM-308; NV-249; AV-290/204; Time Break Down-¾ hr-Drlg; 3 1/4 hrs-Rig repair; 13 hrs-Drlg, T.D. well @ 11:00 pm (MST) 11/06/95; 1 ½ hrs-Circ; 1/4 hr-Drop Totco; 5 1/4 hrs-Trip for logs.
 DMC-\$925 TMC-\$4,125
 DWC-\$4,720 CWC-\$123,229

11/08/95 Day 18; Depth-5040; Prog-0; Oper-WOC; Formation-Limestone; MW-9.0; Vis-30; PV/YP-2/1; Gal-1/2; pH-9.5; WL-7.6; Cake-Film; Solids-.7; Chls-64K; Bit #6; S/N-A11434; Size-7 7/8" MFG-WMc; Type-53CHF; Jets-13/13/14; In-1643; Out-5040; Ftg-3397; Hrs-137 ¾; FPH-24.7; T/B/G-4-3-IN; WOB-35K; RPM-65; BHA-546; Liner-5 ½; Stroke-18; Dev @ 2 1/4 @ 5011; Time Break Down-1 hr-Finish trip out of hole; 14 hrs-Running logs, (LTD @ 5041); 9 hrs-WOC.
 DMC-\$205 TMC-\$4,330
 DWC-\$17,980 CWC-\$141,209

11/10/95 Day 20; Depth-5040; Prog-0; Oper-Rigging dn; Formation-Limestone; Time Break Down-2 ½ hrs-Circ between stages; 1 hr-Cmtg 2nd stage. PD @ 9:30 am (MST) 11-9-95; 4 hrs-ND BOP. Set slips. Cut off csg & NU wellhead. Released rig @ 1:30 pm (MST) 11-9-95. **Csg Report** - Ran 112 jts 5 ½", LT/C, K-55, 15.5#/ft 8rd csg. Ran cent & turbolizers on jts number-1,3,5,7,9,11,13,15,17,19,21,23,25,27,29,31,33,35,37,39,40 & 111. **Cmt Report -1st stage** - pmpd 10 bbls wtr, 10 bbls CW 100, 10 bbls wtr, 10 bbls D75, 10 bbls wtr, 400 sxs 50/50 H/PoZ w/5#/sx salt, 3% FLAC, 2.5#/sx X-Pand, 1/4#/sx Celloflake & .2% Defoam. Mixed @ 14.4#/g & 1.31 yield. Displ w/40 bbls FW & 79.5 bbls mud. PD @ 11:00 pm (MST) 11-8-95. CK pits-OK. Drop bomb. Open tool w/900 psi. Circ for 8 hrs. Trace of cmt, circ to pit. **2nd**

stage - Pmpd 10 bbls FW, 10 bbls CW100, 10 bbls FW, 10 bbls D75, 10 bbls FW, 800 sxs 50/50 H/PoZ w/5#/sx salt, .3% FLAC, 2.5# X-Pand , 1/4#/sx Celloflake, & .2% Defoamer. Mixed @ 14.4#/g & 1.31 yield. Displ w/79.5 bbls FW. PD @ 9:30 am (MST) 11-9-95. Close tool w/1500 psi over lift. Ck tool-OK. Circ 64 sxs to pit. Set 60,000# on slips. Cut off 5 1/2" csg (33' cut off left). NU 11"- 3000 x 7 1/16"- 3000 wellhead. Test to 2000 psi. OK. Release rig @ 1:30 pm (MST) 11-9-95.

DMC-\$0	TMC-\$4,330
DWC-\$56,400	CWC-\$201,059

Page Five
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11/11/95 thru
11/16/95

Waiting on completion.
DMC-\$0 TMC-\$4,330
DWC-\$0 CWC-\$201,059

11/17/95 MI & RU Rental Equipment. ND wellhead & NU BOP. Unload 161 jts 2 7/8" J-55. GIH 4 3/4" W Mc bit, 4-3 1/2" DC (122.4) & 2 7/8" tbg to 3320. Tag up on DV tool. SWI & SDFN..
DMC-\$0 TMC-\$4,330
DWC-\$2,575 CWC-\$203,634

11/18/95 RU Davis tool rev unit & drl out DV tool & plugs. Work bit thru DV tool. Continue in hole to 4990. Test csg to 500 psi. Held ok. Drlg out from 4990 to 4993'. Circ hole clean. POOH. Lay dn collars. GIH w/bit, scraper & tbg to 3300'. SDFN.
DMC-\$0 TMC-\$4,330
DWC-\$1,975 CWC-\$205,609

11/19/95 Work scg scrapers thru DV tool @ 3320. Continue in hole to 4992'. RU Howco & pickle tbg w/7 1/2" HCL & circ hole w/2% KCL. Pull tbg to 4790. Spot 200g 7 1/2% FerCK SC. POOH. RU Wedge & run CCL, CBL & GR (600 psi) from PBTD (4990 log TD) to 1500'. Perf Delaware @ 4712-24 (25 SPF 12'w/25 holes) & 4760-83 (25 SPF-23' w/47 holes) GIH w/2 7/8" SN & tbg to 4000'. SDFN.
DMC-\$0 TMC-\$4,330
DWC-\$21,350 CWC-\$226,959

11/20/95 SITP-0; Continue in hole to 4596' (SN). RU Howco & rev acid into tbg. Start breakdn via tbg. Perfs broke @ 1365 psi. Put acid away. 4 BPM @ 1100. ISIP-640; 5 min-590. Acidize w/1500g 7 1/2% FerCK-SC & 125 ball sealers. All rates @ 3.1 BPM. Max press-1600; Avg press-925 Final press-935. Good ball action, but did not ball out. ISIP-640; 5 min-625; 10 min-620; 15 min-615; TLTR-160 bbls (Including annulus vol) Bled off press & RU to swab. IFL-Surf FFL-3300'. Rec 80 bbls. 80 bbls to rec. (Trace of oil on last two runs). SDFN.
DMC-\$0 TMC-\$4,330
DWC-\$6,900 CWC-\$233,859

11/21/95 PBTD @ 4993; SITP-10; SICP-25 psi (14 hrs) TLTR-80 bbls. RU to swab. IFL-2200' (1st run 10% oil cut). Made 13 runs & swab dry. Make hourly runs. 1st hr-FL @ 4000'-Rec 7 bbls; 2nd hr-FL @ 4000'-Rec 6 bbls; 3rd hr-FL @ 4200'-Rec 5 bbls; 4th hr-FL @ 4200'-Rec 3 bbls. Trace of oil in last hr. Very small amount of gas. Rec 56 bbls total. BLWTR-24.
DMC-\$0 TMC-\$4,330
DWC-\$1,680 CWC-\$235,539

11/22/95

PBTD @ 4993; SITP-10; SICP-15 psi (14 hrs) TLTR-24 bbls. IFL-4000'. Swab dry in 5 runs. Made 1 hr swab runs, FL @ 4500'. Made 2 hr swab runs, FL @ 4400'. Made 14 runs. Rec 13 bbls w/trace to 1% oil cut.. BLWTR-11.

DMC-\$0

TMC-\$4,330

DWC-\$1,550

CWC-\$237,089

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Drilling and Operation Summary
Barbados State #1

11/23/95	PBTD @ 4993; SITP-20; SICP-15 psi (15 hrs) TLTR-11 bbls.RU to swab. IFL-4200'. Swab dry in 4 runs. Made 2 hr swab runs FL @ 4500'. Made 2 hr swab runs FL @ 4500'. SWI. Made 10 runs. Rec 10 bbls. Had 5% oil cut on 1st run. Made 1%-2% oil rest of day. BLWTR-1. SI til Monday. Last water rec analysis-SpGr-116; Rw-.075 @ 75 degrees; C _a -25900; Mg-11300; Cl-129,300; SO ₄ -350; HCO ₃ -105; pH-6.0; TDS-274000. DMC-\$0 TMC-\$4,330 DWC-\$1,175 CWC-\$238,264
11/24/95thru 11/27/95	SI til Monday. DMC-\$0 TMC-\$4,330 DWC-\$0 CWC-\$238,264
11/28/95	PBTD @ 4993. Oper-Move to next zone. Formation-4712-24 & 4760-83; SITP-140; SICP-65 (115 hrs). Blew dn. RU swab. IFL-2400' (1st run had 50% oil cut). Swab well to 4000'. Rec 12 bbls (Trace of oil) 11 bbls over load. RU Howco & circ hole w/2% KCL. POOH w/tbg. RU Wedge & GIH w/5 1/2" CIBP & set @ 4665' (New PBTD). Test plug to 2000 psi. Held ok. Perf new zone @ 4342-44 (2-2 SPF-9 holes). GIH w/Model "R" pkr, SN & 2 7/8 tbg to 4345. Spot 250g 7 1/2% FerCK SC. Pull pkr to 4240 & set. Breakdown new perfs. Broke @ 1640. Put away @ 3 BPM @ 980. ISIP-785; 5 min-700; 10 min-680; TLTR-36. IFL-Surface. FFL-3000. Rec 30 bbls. 6 bbls overload. SWI & SDFN. DMC-\$0 TMC-\$4,330 DWC-\$6,930 CWC-\$245,194
11/29/95	PBTD @ 4665. Oper-Swab test. Formation-Delaware 4342-44; SITP-110 (Fair gas); SICP-0; 6 bbls to rec. Bled off & RU to swab. IFL-2500 (40% oil cut). Made 4 swab runs & swab dry. Wait 1 hr- 100'/entry w/25% oil cut. Wait 2 hrs-200'/entry w/25% oil cut. Wait 2 hrs-150'/entry w/20% oil cut. Rec 11 bbls. SI & SDFN. DMC-\$0 TMC-\$4,330 DWC-\$1,905 CWC-\$247,099
11/30/95	PBTD @ 4665. Oper-Add Perfs & Acidize. Formation-Delaware 4342-44; SITP-110 (Good gas); RU to swab. IFL-2900'; Pld from 3500'. Rec 3 bbls (80% oil cut) RU Wedge & perforate Delaware @ 4402-26 (24' - 25PF - 49 holes) RU Howco & acidize w/1200g 7 1/2% Ferck SC & 116 ball sealers. 1st set of balls hit & press went to 2560 psi. (New perfs breakdown) Continue acid & ball sealers. Max Rate-3.8; Avg Rate-3.0; Final-3.8 BPM; Max Press-2560; Avg-1225; Final-1280; (Fair ball action) ISIP-795; 5 min-712; 10 min-681; TLTR-60 bbls. RU to swab. IFL surface. FFL SN. Wait one hour - 150' entry. Wait one hour 200' entry. Had 40% oil cut on last run. SWI & SDFN. Rec 34 bbls. 26 bbls to recover. DMC-\$0 TMC-\$4,330 DWC-\$7,450 CWC-\$254,549
12/01/95	PBTD @ 4665. Oper-Swab test. Formation-Delaware 4342-44 & 4402-26; SITP-140 (Good gas); RU swab. IFL-2400'. (1st run had 50% oil cut). Swab dry in 7 runs. Wait 1 hr. Had 300' entry w/15% cut. Wait 1 hr. Had 250' entry w/15% cut. Wait 1 hr. Had 150' entry w/15% cut. Rec 19 bbls. 7 bbls to rec. Unset pkr & POOH. GIH w/2 7/8" SN & 129 jts 2 7/8" tbg. SN @ 4230'. X/D BOP & NU flange & valve. SI & SDFN. DMC-\$0 TMC-\$4,330 DWC-\$1,800 CWC-\$256,349

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12/02/95 thru

02/06/96 SI waiting on OKC to design frac job. SITP-75.
DMC-\$0 TMC-\$4,330
DWC-\$0 CWC-\$256,349

02/06/96 SITP-80; SICP-60; Flow well to pit. RU Howco & frac perfs @ 4342-4426 w/8000g WF30 (pad) & 9500g Boragel 30 using 41,000# 16/30 Brady & 12,000# 16/30 Super LC. ISIP-660; 5 min-542; 10 min-528; 15 min-522. SWI & SDFN. BLWTR-513.
DMC-\$0 TMC-\$4,330
DWC-\$15,650 CWC-\$271,999

02/07/96 SITP-480; Open well to pit on 1/4" ck. Flowed well for 6 hrs. SWI for night. Rec 75 BLW; BLWTR-438. SDFN. (Will move to EV State in am to put on pmp).
DMC-\$0 TMC-\$4,330
DWC-\$500 CWC-\$272,499

02-08-96 SIT & CP 130. Bleed down tbq. to pit. MI & RU Rental Equipment. Circl. Hole w/ 2% KCL
ND well head & NU BOP. GIH w/tbg. to 4440' & tag sand. (225' of fill) Circl. Hole cleared to
4665'
(PBTD & CIBP). POOH w/tbg. SDFN.
DMC -\$0 TMC-\$4,330.
DWC-\$3025. CWC-\$272,999.

02-09-96 SICP 60 psi, bleed of to pit. GIH w/ 1-2 7/8" x 30.30' mud anchor, 1-2 7/8" x 4 perf. sub., 1-2 7/8" SN, 5 jts., 2 7/8" tbq. (164.60'), 1-2 7/8"x 5 1/2" TAC (40K) & 126 jts. 2 7/8" tbq. (4125"). Set anchor w/ 4 pt. tension. ND BOP & NU wellhead. Bottom of mud anchor @ 4335.71', SN @ 4301.41' & TAC @ 4135.81'. GIH w/ 1-10' gas anchor, 2 1/2" x 1 3/4" x 16' RHBC pump, 1-7/8" back off tool, 9-7/8" rods, 95-3/4" rods, 66-7/8" rods, 1-6' x 7/8" & 1-4' x 7/8" Rod sub, 1-1 1/4"x22' polish rod & 1-1 1/2"x12' liner. Spaced out & hung well on
to
Pump. Turn over to production. Well on production at 5:00 pm 2-8-96. Pumping unit is a 160 Lufkin Mark II w/ 86" stroke @7 SPM. Pumped 14 hrs. Produced 0 BO; 90 BW; 0 MCF. TLTR-423 BW.
DMC-\$0 TMC-\$0
DWC-\$ 10,675. CWC-\$285,549.

2-10-96 Pumped 24 hrs. Produced 0 BO; 193 BW; 0 MCF; TLTR-230 BW.
DMC-\$0 TMC-\$4330.
TDC-\$0 CWC-\$285,549.

2-11-96 Pumped 24 hrs. Produced 0 BO; 226 BW; 0 MCF; TLTR-4 BW.
DMC-\$0 TMC-\$4330.
TDC-\$0 CWC-\$285,549.

2-12-96 Pumped 24 hrs. Produced 0 BO; 179 BW; 0 MCF; TLTR-0 BW.
DMC-\$0 TMC-\$4330.
TDC-\$0 CWC-\$285,549.

02/13/96	Produced 24 hrs-0 MCF; 0 BO; 161 BW. DMC-\$0 TMC-\$4,330 DWC-\$0 CWC-\$285,549
02-14-96	Produced 24 hrs. 0 BO; 166 BW; 0 MCF. Shot fluid level. FL @ 1801' w/2492' FAP. DMC-\$0 TMC-\$4330. TDC-\$0 CWC-\$285,549.
02-15-96	Produced 24 hrs. 0 BO; 174 BW; 0 MCF. DMC-\$0 TMC-\$4330. TDC-\$0 CWC-\$285,549.
02-16-96	Produced 24 hrs. 0 BO; 166 BW; 0 MCF. DMC-\$0 TMC-\$4330. TDC-\$0 CWC-\$285,549.
02-17-96	Produced 24 hrs. 0 BO; 161 BW; 0 MCF. DMC-\$0 TMC-\$4330. TDC-\$0 CWC-\$285,549.
02-18-96	Produced 24 hrs. 0 BO; 180 BW; 0 MCF. DMC-\$0 TMC-\$4330. TDC-\$0 CWC-\$285,549.
02-19-96	Produced 24 hrs. 0 BO; 148 BW; 0 MCF. DMC-\$0 TMC-\$4330. TDC-\$0 CWC-\$285,549.
02-20-96	Produced 24 hrs. 0 BO; 153 BW; 3 MCF. Shot fluid level. FL @2060' w/2065' FAP. DMC-\$0 TMC-\$4330. TDC-\$0 CWC-\$285,549.
02-21-96	Well shut in.