

CC: HOUSTON - WELL FILE
WELL FILE

DEVELOPMENT

YOUNGGREN J #1H

HUGOTON FLD
1390 FSL & 1390 FWL
SEC 4-33S-38W
STEVENS CO, KANS.

APC WI 1.000000, RI 0.878533
EID 3230
AFE #1381
CONT-NORSEMAN RIG #1.

6/29/94 DRLG 618 (618). SPUD @ 2300 HRS 6-28-94. DEV 1/2 DEG @ 527. MUD W 9.2, V 33, LCM 12. ELEV 3174.2. CC: \$12,691

6/30 DRLG 1820 (1202). DEV 3/4 DEG @ 1022, 3/4 DEG @ 1516. MUD W 9.2, V 32, LCM 12, PH 8, CL 400. CC: \$24,5916

7/1 DRLG 2327 (507). DEV 3/4 DEG @ 1516, 3/4 DEG @ 2011, 1 DEG @ 2327. MUD W 9.3, V 32, LCM 10, RH 9, CHL 22,000. CC: \$34,826

7/2 WOC. TD 2435 (108). DEV 1 DEG @ 2435. MUD W 9.1, V 32, LCM 10, PH 9.0. TD @ 1515 HRS. CIRC FOR LOGS. TOH. START LOGS w 1815 HRS. COMP LOGS @ 1945 HRS. RAN 61 JTS 8 5/8 24# (COND A) CSG SET @ 2435. CMT W/1560 SXS 75/25 POZ W/2% CC, 1/4#/SX FLOCELE, TAIL W/150 SXS CLASS H W/2% CC, 1/4#/SX FLOCELE. PLG DWN @ 2400 HRS. CIRC CMT. CC: \$82,826

7/3 BIT TRIP. TD 2444 (9). MUD W 1.2, V 81, LCM 0, PH 8.1, CL 1250 (FOAM). TIH W/7 7/8 BIT, DC, DP. TAG CMT @ 2393, CO 2444, TOH. BIT LOCKED UP. TIH W/7 7/8 BIT, DC, DP, PREP TO DRILL. CC: \$92,436

7/4 CORE #1. TD 2497 (53). MUD W 1.1, V 81, LCM 0, PH 8.0, CL 400 (FOAM). DRLG 2444-47, TOH. BIT LOCKED UP. ROUND TRIP MAGNET, REC BIT BUTTONS. TIH W/NEW 7 7/8 BIT, DC, DP. DRLG 2447-70 (CORE PIONT), TOH. BIT LOCKED UP. ROUND TRIP MAGNET, REC METAL SHAVINGS. RAN GR/CCL/CALIPER LOG. TIH W/CORE BARREL, CORE FROM 2470-2497. CC: \$103,216

7/5 DST #1. TD 2497. TOH W/CORE #1, REC 27' CORE (HERRINGTON). TIH DST #1, BOTTOM PKR SET @ 2433. TST ZONE 2433-97 (HERRINGTON), OPEN TOOL @ 1240, FLOWED 1 1/2 HRS. GV 9 MCFD. SI FOR 23 1/2 HR BUILD UP. CC: \$113,496

7/6 TIH W/CORE #2. TD 2501 (4).

7/5/94 TOH W/ DST #1, REC 90 FT LD WTR. BHP 140. TIH W/CORE BARREL, CORE 2497-2498, CORE JAMMED. TOH W/CORE BARREL. LOST RABBIT IN HOLE.

7/6/94 TIH W/GLOBE BASKET, MILL 2498 TO 2501, CAUGHT FISH, TOH. TIH W/CORE BARREL, PREP FOR CORE #2. CC: \$121,576

7/7 DST #2, TD 2535. CORED FROM 2501-35 (KRIDER), TOH, REC 33' CORE. TIH W/DST #2, BOTTOM PACKER @ 2508, TST ZONE 2508-35 (KRIDER), OPEN TOOL @ 1515 HRS, GAS TO SURFACE 5 MIN, FLWD 1 1/2 HRS, GV 40 MCFD, BACKSIDE 5 MCFD. CLOSE TOOL @ 1645 HRS. SI FOR 22 1/2 HRS BUILDUP.

CC: \$134,026

7/8 TD 2552 (17). TIH W/DST #3. TOH W/TST TOOLS. RESULTS OF DST #2, BHP 100. TIH W/CORE #3. CORED FROM 2535-52, TOH, REC 17' CORE. TIH W/TST TOOLS. CC: \$142,526

7/9 DST #3. TD 2552 (0). MUD W .96, V 82, PH 8.101, CL 280, CAL 450. OPEN DST TOOL @ 0830 HRS 7-8-94. CC: \$151,550

7/10 DST #4. TD 2559 (7). MUD W 1.1, V 82, PH 8.02, CL 260, CAL 450. 7-9-94 COMP DST #3 @ 0830 HRS. TOH W/DST TOOLS. RESULTS OF DST #3: BHP 95#, BHT 93 DEG. TIH W/CORE BARREL TO 2552, CORED TO 2559. TOH W/CORE #4, REC 7' CORE. TIH W/DST #4 TST TOOLS, OPEN TOOL @ 2245 HRS 7-10-94 @ 0015 HRS. SI TST TOOL FOR BHP BUILD-UP. CC: \$161,850

7/11 CORING. TD 2592 (33). MUD W 1.2, V 82, PH 8.02, CL 240. TOH W/DST #4, RESULTS BHP 103#, BHT 93 DEG. TIH W/CORE #5, CORE FROM 2559-92. CC: \$170,850

7/12 DST #5. TD 2592. MUD W 1.1, V 82, PH 8.02, CL 244, CIRC 1/2 HR. TOH W/CORE #5, REC 31' CORE (WINFIELD). TIH W/DST #5, BIM PKR @ 2565, TST ZONE @ 2565-92 (WINFIELD). OPEN TOOL @ 1320 HRS, FLW 90 MIN, GV 15 MCFD, BS 10 MCFD, CLOSE TOOL @ 1450 HRS. SI FOR BUILD-UP. CC: \$181,350

7/13 DST #6. TD 2608. MUD W 1.2, V 82, PH 8, CL 230. TOH W/DST #5, RESULTS - BHP 153#, BHT 93 DEG. TIH W/CORE #6, CORE FROM 2592 TO 2608 (GAGE SHALE), CIRC 1/2 HR, TOH. REC 16' CORE. TIH W/DST #6, SET BIM PKR @ 2598, TST ZONE 2598-2608 (GAGE SHALE), OPEN TOOL @ 0100, FLW 90 MIN, GV 1 MCFD, BS 40 MCFD. SI FOR BUILDUP. CC: \$191,850

7/14 DST #7. TD 2608. MUD W 9, V 82, CL 320, PH 8.03, CAL 1450. DST #6 - PKR FAILURE. TIH W/DST #7, SET BIM PKR @ 2597, TST ZONE 2597-2608 (GAGE SHALE), OPEN TOOL @ 0652 HRS FOR 90 MIN FLW. CC: \$200,050

7/15 DST #7. TD 2608. GAGE SHALE, GV 1 MCFD, BACKSIDE GV 80 MCFD. CLOSE TOOL @ 0830 FOR 23 HR BUILD-UP. CC: \$205,650

7/16 DST #8. TD 2658 (50'). RESULTS DST #7 - BHP 196, BHT 92.4 DEG. TIH W/CORE #7, CORE FROM 2608-2658 (TOWANDA). TOH REC 49.5' CORE, RAN GR FROM 2658-2434. TIH W/DST #8, SET BIM PKR @ 2617, TST ZONE 2617-2658 (TOWANDA). OPEN TOOL @ 2230, FLWD 90 MIN - GV 15 MCFD, BS 5 MCFD. CLOSE TOOL @ 2400 FOR BUILD-UP. CC: \$216,150

7/17 PREP TO RUN DST #9. TD 2658. TOH W/DST #8, TST GAUGES FAILED. TIH W/7 7/8 BIT, DC & DP TO 2658. CIRC W/AIR 2 HRS, DRIED HOLE. TOH, PREP TO RUN DST #9, RE-RUN (TOWANDA). CC: \$222,650

7/18 DST #9. TD 2658. TIH W/DST #9, SET BIM PKR @ 2616. TST ZONE 2616-2658 (TOWANDA). OPEN TOOL @ 0917, FLW TSTD 90 MIN - GV 16 MCFD, BS GV 23 MCFD. CLOSE TOOL @ 1047 FOR BUILD-UP. CC: \$229,150

7/19 DST #10. TD 2671 (13). TOH W/DST #9, REC 5' WTR, BHP 123# (TOWANDA). HERRINGTON TO TOWANDA GAS RATE 110 MCFD. TIH W/CORE BBL, CORED 2658-2671 (HOMEVILLE), TOH W/CORE, REC 13'6" CORE, TIH W/DST #10, TOP PKR @ 2657, BIM PKR @ 2664. TST ZONE 2664-71 (HOMEVILLE SHALE). CC: \$237,085

7/20 TD 2713 (38). PREP TO RUN DST #11, COMINGLED GAS RATE 68 MCFD (HERRINGTON TO HOLMESVILLE), CORED FROM 2671-2713 (FT. RILEY). DST #11, REC 42' CORE. CC: \$246,197

7/21 DST #11. TD 2713. TIH W/DST #11, SET BIM PKR @ 2678, TST ZONE 2678-2713 (U. FT. RILEY), OPEN TOOL @ 1000, FLWD 90 MIN - GV 31 MCFD, BS 13 MCFD. CLOSE TOOL @ 1130 HRS. SI FOR 22 1/2 HR BUILD-UP. CC: \$251,597

7/22 DST #12. TD 2728 (15). TOH W/DST #11, RESULTS REC 5' H2O, BHP 310, BHT 94 DEG. COMINGLED GAS RATE 115 MCFD (HERRINGTON-U. FT. RILEY). MIWL, RAN GR 2435-2713. TIH W/CORE #10, CORE FROM 2713-28, TOH REC 15' CORE. TIH W/DST #12, BOTTOM PKR SET @ 2710. TST ZONE 2713-28 (L. FT. RILEY), OPEN TOOL @ 2130, GV 0 MCFD, BS 43 MCFD, CLOSE TOOL @ 2300. SI FOR BUILD-UP. CC: \$262,097

7/23 DST #12. TD 2732 (4). RESULTS DST #12 - REC 0' H2O, BHP 40, BHT 94 DEG. TIH W/CORE #11, CORE FROM 2728-32 (FLORENCE), CORE BARREL JAMMED, TOH, REC 4' CORE. TIH W/CORE #12. CC: \$272,297

7/24 DST #13. TD 2746 (14). TIH W/CORE #12, CORE FROM 2737-46 (FLORENCE), TOH, REC 14' CORE. COMMINGLED GAS RATE 45 MCFD (HERRINGTON TO FLORENCE). TIH W/DST #13, SET BIM PKR @ 2734, TST ZONE 2734-2746 (FLORENCE). OPEN TOOL @ 1500 HRS, GV 1 MCFD. COMMINGLED GV 45 MCFD (HERRINGTON TO FT. RILEY). CLOSE TOOL @ 1630 HRS. SI FOR 22 HR BUILDUP. CC: \$282,797

7/25 DST #14 (WREFORD). CORED #13, 2746-88, REC 42' CORE. RUN DST #14, TOP PKR @ 2755, BIM PKR @ 2763. TST INTERVAL 2763-88 (WREFORD), GV .5 MCFD, COMMINGLED GAS RATE 35 MCFD (HERRINGTON TO FLORENCE). CC: \$290,689

7/26 TOH W/DST #14. TD 2788. SI 23 HRS - TOH W/DST #14. CC: \$296,489

7/27 DST #15. TD 2788. TOH W/ DST #14, REC 5 WTR, (WREFORD), 375 BHP, BHT 95 DEG. COMMINGLED GV 74 MCFD (HERRINGTON TO WREFORD). TIH W/CORE BARREL CIRC HOLE CLEAN. TOH. TIH W/DST #15, SET BIM PKR @ 2726, TST ZONE 2426-2788 (HERRINGTON TO WREFORD). OPEN TOOL @ 1800 HRS, GV 80 MCFD. CLOSE TOOL @ 1930 HRS. SI FOR BUILDUP. CC \$304,489

7/28 TOH W/DST #15. TD 2788. SI FOR BUILD-UP. TOH @ 0600 HRS. CC: \$309,500

7/29 DST #16. TD 2803. RESULTS DST #15, REC 0 FLD, BHP 133#, BHT 90 DEG. TIH W/CORE #15 (COUNCIL GROVE "A") CORE FROM 2788-2803. TOH, REC 15' CORE, COMMINGLED GV 64 MCFD (HERRINGTON TO COUNCIL GROVE "A"). TIH W/DST #16, BIM PKR @ 2787, TST ZONE 2787-2803 (COUNCIL GROVE "A"), OPEN TOOL @ 1800 HRS, GV 2 MCFD, BACKSIDE (CHASE) GV 60 MCFD. CLOSE TOOL @ 1930. SI FOR BUILD-UP. CC: \$319,500

7/30 TIH W/DST #17. TD 2853 (50). COMMINGLED BCKSIDE - 94 MCFD. 7-29-94 @ 1744 HRS REL PKR. TOH W/DST #16. RESULTS OF DST #16: REC 10' FLD, BHP 110#, BHT 93 DEG. COMMINGLED GV FROM 2470-2803 - 96 MCFD. 2055 HRS TIH W/CORE BARREL TO 2803. START CORE #15 @ 2235 HRS, CORED 2803 TO 2853 (COUNCIL GROVE A LIME). 7-30-94 @ 0210 HRS TOH W/CORE #15, REC 49.5' OF CORE. COMMINGLED GV FROM 2470-2853 - 56 MCFD. 0620 HRS TIH W/DST #17. CC: \$329,500

7/31 DST #17. TD 2853 (0). 7-30-94 DST #17, BIM PKR @ 2808' (TST INTERVAL 2808-2853 COUNCIL GROVE A LIME), OPEN @ 0759 HRS, GV 0 MCFD. COMMINGLED BCKSIDE - GV 74 MCFD. SI @ 0844 HRS. PREP TO TOH W/DST #17. CC: \$339,500

8/1 DST #18. TD 2888 (35). 7-31-94 TOH W/DST #17 - RESULTS: BHP 35#, BHT 96 DEG, REC 0 BF. TIH W/CORE BARREL TO 2853, CORED TO 2853-2888 (COUNCIL GROVE B-1). TOH W/CORE #16, REC 35' CORE. TIH W/DST #18 TST TOOLS, START TST 8-1-94 @ 0100 HRS. CC: \$349,500

8/2 CORE #17. TD 2888. TOH W/DST #18, REC 5' H2O, BHP 319#, BHT 96 DEG, COMMINGLED GV 77 MCFD (CHASE TO COUNCIL GROVE B-1). TIH W/CORE #17, PREP TO CORE. CC: \$358,200

8/3 DST #19. TD 2908. CORE FROM 2888-2908 (COUNCIL GROVE B-2). TOH W/CORE #17, REC 20' CORE, COMMINGLED GV 33 MCFD (CHASE - COUNCIL GROVE B-2). TIH W/DST #19, SET BIM PKR @ 2893, TST ZONE 2893-2908 (COUNCIL GROVE B-1), OPEN TOOL @ 1438 HRS, GV 3.5 MCFD, COMMINGLED GV 25 MCFD (CHASE - COUNCIL GROVE B-1), CLOSE TOOL @ 1608 HRS. SI FOR BUILD-UP. CC: \$368,700

8/4 DST #20. TD 2940 (32). 8-3-94 @ 1309 HRS TOH W/DST #19. COMMINGLED GV 45 MCFD. TIH W/CORE BARREL TO 2908, CORE 2908-2940 (COUNCIL GROVE B-3 & B-4). TOH W/CORE #18, REC 31' CORE. TIH W/DST #20 TST TOOL, TOP PKR @ 2907, BIM PKR @ 2913. TST INTERVAL 2913-40 (COUNCIL GROVE B-3 & B-4), OPEN TOOL @ 0236 HRS. 8-4-94 GV 13.5 MCFD. COMMINGLED RATE ON BS - 34 MCFD. CLOSE TOOL @ 0430 HRS. CC: \$378,700

8/5 TIH W/CORE BARREL. TD 2940 (0). COMMINGLED GV FOR CHASE TO COUNCIL GROVE B-2, 46 MCFD. 0235 HRS TOH W/DST #20, REC 10' WTR. BHP 415, BHT 97 DEG. COMMINGLE GV CHASE TO COUNCIL GROVE B-3, 71 MCFD. 0550 HRS TIH W/CORE #19 BARREL. CC: \$386,700

8/6 DST #21 2960 (20). START CORE #19 @ 1020 HRS. CORE 2940-60 (C.G. B-5) @ 1120 HRS. TOH W/CORE #19, REC 20' CORE. COMINGLED GV CHASE & C.G. B-5 31 MCFD. 1435 HRS TIH W/ DST #21. SET TOP PKR @ 2939, BOTTOM PKR @ 2945. TEST INTERVAL 2945-60 (C.G. B-5) GV 12.5 MCFD. COMINGLED GV CHASE & C.G. B-4 31 MCFD. CC: \$396,700

8/7 DST #22 2960 (0). 8/6/94 TOH W/ DST #21, REC 0 WIR. C.G. B-5. BHP 387, BHT 97 DEG. COMINGLED GV 68 MCFD (CHASE & C.G. B-5). TIH W/BIT TO 2960, CONDITION HOLE. CIRC 1 HR, TOH W/BIT. TIH W/DST #22. TOP PKR SET @ 2782, BOTTOM PKR @ 2788. TEST INTERVAL 2788-2960 (C.G.) GV 13 MCFD. CHASE GV 46 MCFD. CLOSE TOOL @ 0340 HRS. CC: \$406,700

8/8 DST #22 2960 (0). CONT TEST. PREP TO TOH W/DST #22. CC: \$411,700

8/9 PREP FOR LOGGING. TD 3230 (270). 8-8-94 @ 1530 HRS TOH W/DST #22, BHP 317, BHT 90 DEG. TIH W/DP & BIT TO 2960. START DRILLING @ 2100 HRS W/AIR & FOAM. TD 8-9-94 @ 0200 HRS. BLOW HOLE DRY. SPOT 60# GUAR-LINEAR-GELL PILL FROM 3230 TO 1750. TOH W/DP & BIT. PREP FOR LOGGING. CC: \$421,700

8/10 LOGGING TD 3230. MUD W 8.7, V 50, LCM 8, WL 9.2, PH 9, CHL 600. CC: \$419,680

8/11 LOGGING TD 3230. MUD W 8.7, V 50, LCM 8, WL 9.2, PH 9, CHL 600. CC: \$428,880

8/12 TD 3200. RU LOGGERS. 8-11-94 COMPLETED ATLAS WL LOGGING @ 1100 HRS. TIH W/DP & BIT TO 3200, CIRC. WO NUMAR LOGGERS. 8-12-94 @ 0430 HRS TOH W/DP & BIT. PREP TO LOG. CC: \$438,880

8/13 TD 3200. 8-12-94 MIWL. TOOL FAILED. TIH W/DP, CIRC 45 MINS, LDDP. RAN 74 JTS 5 1/2, 15.50# (COND A) CSG SET @ 3200. PMPD 10 BBL 2% KCL WIR, 20 BBL MF, 10 BBL 2% KCL WIR. CMT W/135 SXS CLASS "C", 10#/SK MICROBOND, 15% NACL, 0.6% HALAD 322, 1/4#/SK FLOCELE. PLG DWN @ 1900 HRS. REL RIG @ 2000 HRS. SI, WO COMPLETION. DROP FROM REPORT. CC: \$464,983

9/28/94 TD 3200, PBTD 3152. MIRU CR, MIWL, RAN SBT LOG FROM PBTD 3152 TO 2200. PERF FROM 2497-98 W/4 SPF, TOT SHOTS = 4. SET CMT REIR @ 2465. TIH W/STINGER & 2 3/8 TBG, STING INTO CMT REIR, PRESS TST BS TO 500#, PMPD 15 BBL FW, CIRC TO PIT, PMPD 4 BBL MF, 4 BBL FW, 75 SXS CLASS "C" W/10% EA-2, 2% CC, SURF PRESS 500#, STING OUT REIR, REV OUT 1 BBL CMT, TOH. TIH W/4 3/4 BIT, DC'S & 2 3/8 TBG. SI. WOC. CC: \$472,483

9/29 TD 3200, PBTD 3152. MIRU REV UNIT, DO CMT REIR @ 2465, DRLD CMT TO 2505, CIRC HOLE CLEAN. TOH. SI, PREP TO LOG. CC: \$475,283

9/30 TD 3200, PBTD 3152. MIWL. RAN GR/CBL/CCL FROM 3152-700. SWB DWN. WOO. CC: \$478,459

10/1 TD 3200, PBTD 3152. LD W/10 BBL 2% KCL WIR. MIWL, PERF 2946-53 W/2 SPF, TOT SHOTS = 12. SWB DWN, REC 10 BL. GV NS. TIH W/TBG TO 3148, SPOT 200 GAL 15% FE HCL ACID ACROSS PERFS. SI 30 MINS. SWB ACID BCK. SI. CC: \$503,950

10/2 TD 3200, PBTD 3152. SICP 0. SWB DWN TBG, REC 0 BF. TOH W/TBG. SI. CC: \$504,950

10/3 TD 3200, PBTD 3152. SI FOR SUNDAY. CC: \$504,950

10/4 TD 3200, PBTD 2880. MIWL, SET CIBP @ 2880. PERF W/BULLETS 2763-66 (WREFORD) W/2 SPF, TOT SHOTS = 6. GV SLI BLW. TIH W/12' PERFORATED SUB, SN DUAL PRESS GAUGES, PKR, BLANKED OFF SN, 2 3/8 TBG. FLW UP ANNULUS FOR 1.5 HRS. GV 0.5 MCFD. SET PKR @ 1330 HRS. SI FOR 24 HRS. CC: \$507,720

10/5 TD 3200, PBID 2755. TOH W/TBG, PKR & PRESS GAUGES. BHP 285, BHT 94.5 DEG. MIRU WL. SET RBP @ 2755. PERF W/BULLETS 2734-37 (FLORENCE) W/2 SPF, TOT SHOTS = 6. GV TSIM. TIH W/PERFORATED SUB, SN, DUAL PRESS GAUGES, PKR, BLANKED OFF SN, 2 3/8 TBG. GV TSIM. SET PKR @ 1850 HRS. SI FOR 36 HRS.
CC: \$510,420

10/6 TD 3200, PBID 2755. SI FOR BU ON FLORENCE.
CC: \$510,420

10/7 TD 3200, PBID 2880, TPBID 2722. TOH W/TBG, PKR, GAUGES. BHP 310. BHT 95 DEG. MIRU WL. SET RBP @ 2722. PERF W/BULLETS 2686-96 (FT. RILEY) W/2 SPF, TOT SHOTS = 19. GV SLT BLOW. TIH W/PERFORATED SUB, SN, GAUGES, PKR, BLANKED OFF SN, 2 3/8 TBG, GV 1.8 MCFD. SET PKR @ 1420 HRS. SI FOR 24 HRS.
CC: \$513,100

10/8 TD 3200, PBID 2880, TPBID 2722. TOH W/TBG, PKR & GAUGES, PKR FAILED, BAD TST (FT. RILEY). TIH W/PERF SUB, SN, GAUGES, PKR, BLANKED OFF SN, 2 3/8 TBG. GV 1.5 MCFD. SET PKR @ 2662 @ 1800 HRS. SI FOR 60 HRS.
CC: \$516,900

10/9 TD 3200, PBID 2880, TPBID 2722. SI FOR BUILDUP. CC: \$517,700

10/10 TD 3200, PBID 2880, TPBID 2722. SI FOR BUILDUP.
CC: \$518,500

10/11 TD 3200, PBID 2880, TPBID 2722. TOH W/TBG, PKR & GAUGES. PKR FAILED, BAD TST FT RILEY. TIH W/PERF SUB, SN, GAUGES, PKR, BLANKED OFF SN, 2 3/8 TBG. GV 1.5 MCFD. SET PKR @ 2658 @ 1200 HRS. SI FOR 24 HRS.
CC: \$520,700

10/12 TD 3200, PBID 2880. TOH W/TBG, PKR & GAUGES. BHP 315, BHT 95 DEG. TIH W/TBG & RET RBP @ 2722. TOH W/TBG & RBP. TIH W/TBG & RET RBP @ 2755. TOH W/TBG & RBP. SI, PREP TO RUN CBL.
CC: \$523,800

10/13 TD 3200, PBID 2880. MIRU WL. RUN SBT FROM 2600 TO 2000. TIH W/95 JTS 2 3/8 TBG TO SET @ 2850. WOO. DROP FROM REPORT.
CC: \$527,250

11/17/94 TD 3200, PBID 2880. MIRU PU. TOH W/2 3/8 TBG. SI.
CC: \$531,250

11/18 TD 3200, PBID 2880. FL @ 1500. SWB CSG DRY & SWB TSTD 2 HRS, NO FLUID. TIH W/BAFFLE, PKR & 3 1/2" TBG. HANG PKR @ 2650. SI, PREP TO ACIDIZE.
CC: \$532,250

11/19 TD 3200, PBID 2880. CK FLD-NONE. SET PKR @ 2640. LD ANNULUS. PRESS TST ANNULUS TO 500 PSI FOR 20 MIN, HELD OK. REL PKR & SWB LD BACK. ACD DWN TBG W/1500 GAL 7 1/2% FEHCL & 70 BS. MP 3030, AP 1700, AR 10. FL W/1300 GAL 2% KCL WIR. REL PKR & LWR TO KNOCK BALLS OFF. 67 BLTR. SET PKR @ 2640'.
CC: \$535,850

11/20 TD 3200, PBID 2880. SI FOR W/E, PREP TO FRAC.
CC: \$535,850

11/21 TD 3200, PBID 2880. SI FOR W/E, PREP TO FRAC.
CC: \$535,850

11/22 TD 3200, PBID 2880. SIIP 175. FRAC DWN TBG W/35,900 GAL 30# BORAGEL, 2% KCL WIR & 150,000# 12/20 SD. MP 2381, AP 1215, IR 35, MSC 10 PPG, TAG SD W/SCANDIUM. DROP OMEGA PLG & SEAT W/956 GAL FLD. REL PKR. TOH W/TBG, OMEGA PLG & BAFFLE. SD. TLTR 877 BBLs.
CC: \$560,000

11/23 TD 3200, PBID 2880. SICP 20. SET CIBP @ 2680. DMP 10 BBLs 2% KCL WIR. RIH W/4" HOLLOW CARRIER GUN & PERF 2505-2540 (KRIDER), 2555-2580 (WINFIELD) & 2620-2650 (TOWANDA) W/2 SPF @ 180 DEG, TOT SHOTS = 180. ACIDIZE DWN CSG W/3000 GAL 7 1/2 FE HCL & 200 BS. FL W/2700 GAL 2% KCL WIR. KNOCK BALLS OFF. FRAC DWN CSG W/50,000 GAL 30# BORAGEL IN 2% KCL WIR & 255,000# 12/20 SD. MP 1455, AP 1000, IR 50-60 BEM, MSC 10 PPG. TAG SD W/IRIDIUM. FL W/2500 GAL FLD. SD. TLTR 2263 BBLs.
CC: \$595,000

11/24 TD 3200, PBID 2880. MIRU FOAM UNIT. TIH W/BIT, DC'S & TBG, CO 300' SD, DO CIBP @ 2680, CO TO 2710, PULL TBG TO 2300. SD.
CC: \$598,100

11/25 TD 3200, PBID 2880. SI FOR HOLIDAY. CC: \$598,100

11/26 TD 3200, PBID 2880. CO W/FOAM UNIT TO 2880. CIRC 3 HRS, PULL TBG TO 2000. SD.
CC: \$601,200

11/27 TD 3200, PBID 2880. SICP 112. BLW DWN. TOH W/TBG & CHK SD @ 70' OVER PERFS. CO W/SD PMP TO 2750. REC 150 GAL SD. SI.
CC: \$602,400

11/28 TD 3200, PBID 2880. SI FOR SUNDAY. CC; \$602,400

11/29 TD 3200, PBID 2880. SICP 105. BLW DWN 4 1/2 HRS, REC 49 BW & SD. CHK SD @ 2690, CO TO 2780, REC 110 GAL SD. BLW WELL 10 HRS, REC 70 BW & SD. SI.
CC: \$603,900

11/30 TD 3200, PBID 2880. FLWD WELL O/N. CK SND @ 2646, CO TO 2875, REC 316 GAL. SD. SI.
CC: \$604,950

12/1 TD 3000, PBID 2880. SICP 95. CHK SD @ 2878, CO TO TD. FLW TST 8 HRS, GV 800 MCFD W/50# BP. CHK SD @ 2861, CO TO TD, REC 20 GAL SD. PREP TO LOG. SI.
CC: \$606,100

12/2 TD 3000, PBID 2880. SICP 94. CHK SD - NO FILL. MIRU WL. RUN PRISM LOG FROM 2880-2450. BLW WELL 2 HRS, REC 4 BW. CHK SD @ 2868, 12' FILL & CO TO TD. REC 12 GAL SD. FLW WELL 2 HRS, GV 1100 MCFD THROUGH SALES METER. CHK SD @ 2879, CO TO TD. SI.
CC: \$607,100

12/3 TD 3000, PBID 2880. SICP 94. TST FOR 4 HRS, FCP 40, GV 1200 MCFD. CO 2' SD. RDMO PU. SI, WOPL. DROP FROM REPORT.
CC: \$608,400

1/3/95 TD 3000, PBID 2880. ON PL @ 0845 HRS. SICP 108, GV 1053 MCFD INTO HUGS.
CC: \$608,400

1/4 TD 3200, PBID 2880. (CORRECTION TO TD FROM 12/1/94 THRU 1/3/95 - SHOULD BE 3200). FCP 73, GV 783 MCFD.
CC: \$608,400

1/5 TD 3200, PBID 2880. FCP 48, GV 875 MCFD. CC: \$608,400

1/6/95 TD 3200, PBID 2880. FCP 55, GV 943 MCFD INTO HUGS. PERFS 2505-2540 (KRIDER), 2555-2585 (WINFIELD), 2620-2650 (TOWANDA), 2686-2710 (FT. RILEY), 2734-2737 (FLORENCE), 2763-2766 (WREFORD). FINAL REPORT. CODE DG.
CC: \$608,400