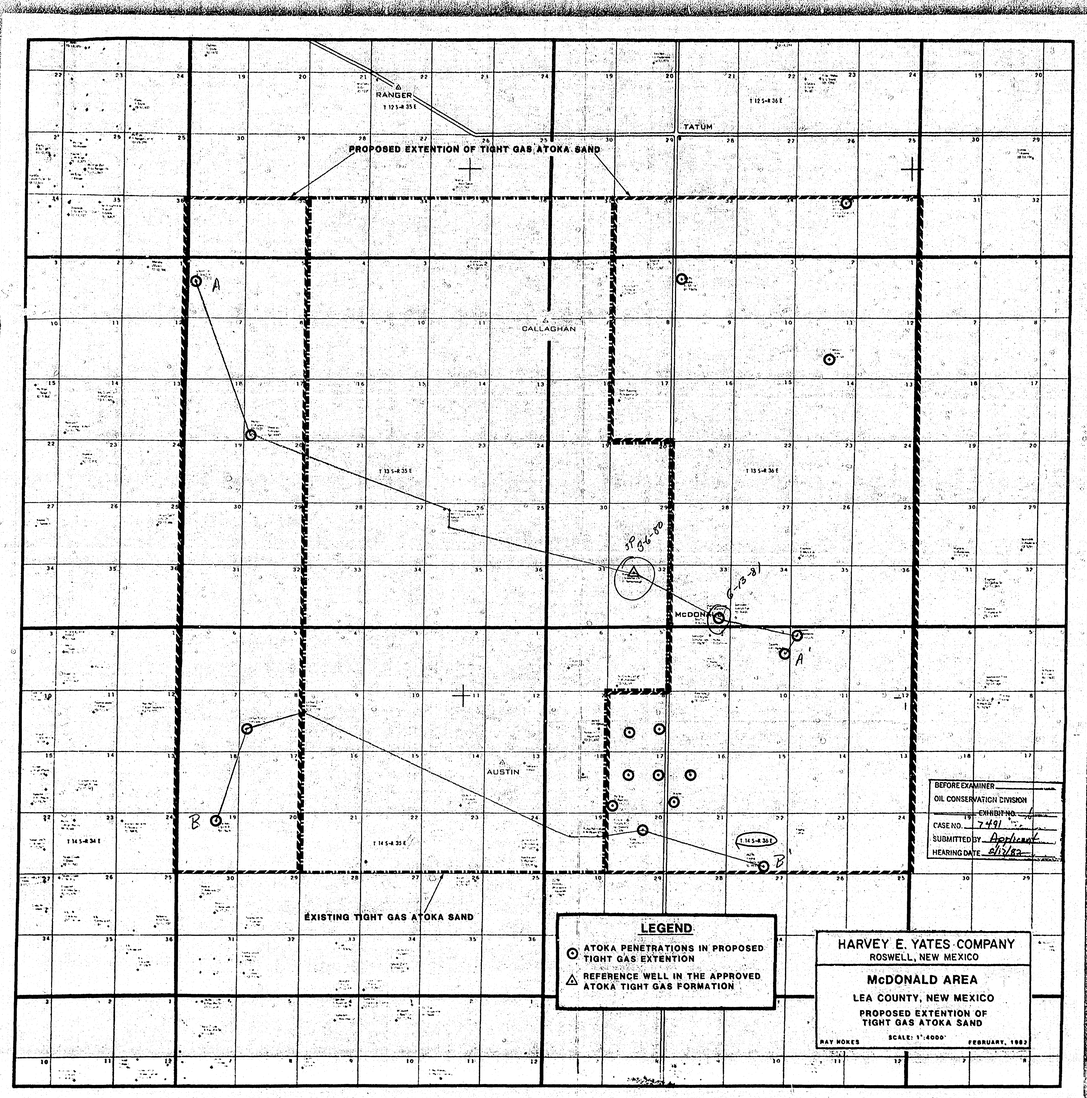
Case No
7491

Large Exhibits





U.S.G.S. TECHNICAL
BEST AVAILABLE COPY

A
NW

A'
SE

DATUM - T/ATOKA

MORROW LIME

AUSTIN

CHESTER

MISSISSIPPI LIME

WOODFORD

DEVONIAN

UNION TEXAS PET. CORP.
#1 SHELL STATE
SEC. 6, T-13-S, R-35-E
TD: 13,250'
comp: 7-8-71
IP: 7-8-71 comp: 6-18-71

DST #1 13,050-13,162', open 2550', SI, op 15" MED-FLOW, no BLO 1/75", SAME, OP 120", SI 60" 4750,000 GIP, 5' OIL, 25' WATER 25#, REC 3074' mw & GTM mcfpd DST #2 13,162-13,250', open 2550', SI 60" & 240", op 180", SI 240" 5050# DST #3 13,170-250', open 2050' MB 20" MED-FLOW, NO BLO 615, SAME, OP 120", SI 0 BLOW, SAME, OP 180", SI 0 BLOW, REC 3,200' GIP, 5' OIL, 2000' GCM & 1,200' MW & TAR, IMPRESSION OF 2-3 GPH & 2950' GC BLACK SULFUR WATER & SCUM; IHP 4850#, FP 1804-1964#, FHP 4875#

PROD. ZONE = ATOKA

PERFS: 13,136-13,200' 1f
CAVF: 13,080 MCFGPD + 11 BW.

THOMPSON #1 STATE ALTON
SEC. 17, T-13-S, R-35-E
TD: 13,250'
IP: 3-15-50 comp: 8-2-51

DST #1 12,720-65", rec. 1415/20 DST #2 12,749-65', 2000' mw, op 120", SI/30", 45", 270 MCFPD, rec. 420' mw, 1240' GCM & 1240' GC & mw, IHP 6145#, FP 1240-1240#, SIP 5145# DST #3 13,153-90', op 120", rec. 2580' w & 20,000' GCWM, 90% w, 8 10,750-90, SI, IFP 861# to 2" DST #4 13,200-13,250', op 60", rec. 90' mw & 1860' GCM, SHALE FRAGMENTS in DRUM.

THE SUPERIOR OIL CO.
#1 LOCKE ALTON, ET AL
SEC. 26-13-S, R-35-E
TD: 13,250'
IP: 9-21-61 comp: 1-6-62

DST #1 13,170-13,250', rec 1250' mw, 1000' w, 50' GCM, IFP 1550 to 1/2 mw, NO SHOWS, IHP 6050#, FP 1/2 to 2250-1850# (extension packer DST #2 13,170-13,250', rec 1250' mw, 1000' w, 50' GCM, IFP 1550 to 1/2 mw, NO SHOWS, IHP 6050#, FP 1/2 to 2250-1850# (extension packer DST #2 13,170-13,250', rec 1250' mw, 1000' w, 50' GCM, IFP 1550 to 1/2 mw, NO SHOWS, IHP 6050#, FP 1/2 to 2250-1850# (extension packer DST #3 13,210-13,250', rec 450' GCM & 1000' w, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #4 13,250-13,290', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #5 13,290-13,330', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #6 13,330-13,370', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #7 13,370-13,410', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #8 13,410-13,450', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #9 13,450-13,490', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #10 13,490-13,530', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #11 13,530-13,570', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #12 13,570-13,610', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #13 13,610-13,650', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #14 13,650-13,690', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #15 13,690-13,730', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #16 13,730-13,770', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #17 13,770-13,810', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #18 13,810-13,850', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #19 13,850-13,890', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #20 13,890-13,930', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #21 13,930-13,970', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #22 13,970-14,010', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #23 14,010-14,050', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #24 14,050-14,090', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #25 14,090-14,130', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #26 14,130-14,170', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #27 14,170-14,210', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #28 14,210-14,250', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #29 14,250-14,290', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #30 14,290-14,330', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #31 14,330-14,370', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #32 14,370-14,410', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #33 14,410-14,450', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #34 14,450-14,490', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #35 14,490-14,530', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #36 14,530-14,570', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #37 14,570-14,610', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #38 14,610-14,650', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #39 14,650-14,690', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #40 14,690-14,730', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #41 14,730-14,770', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #42 14,770-14,810', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #43 14,810-14,850', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #44 14,850-14,890', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #45 14,890-14,930', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #46 14,930-14,970', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #47 14,970-15,010', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #48 15,010-15,050', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #49 15,050-15,090', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #50 15,090-15,130', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #51 15,130-15,170', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #52 15,170-15,210', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #53 15,210-15,250', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #54 15,250-15,290', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #55 15,290-15,330', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #56 15,330-15,370', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #57 15,370-15,410', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #58 15,410-15,450', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #59 15,450-15,490', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #60 15,490-15,530', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #61 15,530-15,570', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #62 15,570-15,610', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #63 15,610-15,650', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #64 15,650-15,690', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #65 15,690-15,730', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #66 15,730-15,770', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #67 15,770-15,810', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #68 15,810-15,850', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #69 15,850-15,890', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #70 15,890-15,930', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #71 15,930-15,970', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #72 15,970-16,010', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #73 16,010-16,050', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #74 16,050-16,090', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #75 16,090-16,130', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #76 16,130-16,170', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #77 16,170-16,210', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #78 16,210-16,250', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #79 16,250-16,290', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #80 16,290-16,330', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #81 16,330-16,370', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #82 16,370-16,410', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #83 16,410-16,450', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #84 16,450-16,490', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #85 16,490-16,530', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #86 16,530-16,570', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #87 16,570-16,610', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #88 16,610-16,650', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #89 16,650-16,690', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #90 16,690-16,730', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #91 16,730-16,770', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #92 16,770-16,810', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #93 16,810-16,850', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #94 16,850-16,890', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #95 16,890-16,930', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #96 16,930-16,970', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #97 16,970-17,010', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #98 17,010-17,050', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #99 17,050-17,090', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #100 17,090-17,130', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #101 17,130-17,170', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #102 17,170-17,210', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #103 17,210-17,250', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #104 17,250-17,290', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #105 17,290-17,330', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #106 17,330-17,370', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #107 17,370-17,410', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #108 17,410-17,450', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #109 17,450-17,490', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #110 17,490-17,530', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #111 17,530-17,570', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #112 17,570-17,610', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #113 17,610-17,650', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #114 17,650-17,690', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #115 17,690-17,730', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #116 17,730-17,770', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #117 17,770-17,810', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #118 17,810-17,850', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #119 17,850-17,890', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #120 17,890-17,930', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #121 17,930-17,970', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #122 17,970-18,010', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #123 18,010-18,050', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #124 18,050-18,090', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #125 18,090-18,130', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #126 18,130-18,170', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #127 18,170-18,210', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #128 18,210-18,250', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #129 18,250-18,290', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #130 18,290-18,330', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #131 18,330-18,370', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #132 18,370-18,410', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #133 18,410-18,450', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #134 18,450-18,490', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #135 18,490-18,530', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #136 18,530-18,570', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #137 18,570-18,610', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #138 18,610-18,650', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #139 18,650-18,690', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #140 18,690-18,730', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #141 18,730-18,770', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #142 18,770-18,810', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #143 18,810-18,850', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #144 18,850-18,890', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #145 18,890-18,930', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #146 18,930-18,970', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #147 18,970-19,010', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #148 19,010-19,050', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #149 19,050-19,090', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #150 19,090-19,130', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #151 19,130-19,170', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #152 19,170-19,210', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #153 19,210-19,250', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #154 19,250-19,290', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #155 19,290-19,330', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #156 19,330-19,370', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #157 19,370-19,410', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #158 19,410-19,450', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #159 19,450-19,490', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #160 19,490-19,530', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #161 19,530-19,570', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #162 19,570-19,610', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #163 19,610-19,650', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #164 19,650-19,690', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #165 19,690-19,730', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #166 19,730-19,770', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #167 19,770-19,810', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #168 19,810-19,850', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #169 19,850-19,890', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #170 19,890-19,930', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #171 19,930-19,970', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #172 19,970-20,010', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #173 20,010-20,050', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #174 20,050-20,090', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #175 20,090-20,130', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #176 20,130-20,170', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #177 20,170-20,210', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #178 20,210-20,250', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #179 20,250-20,290', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #180 20,290-20,330', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #181 20,330-20,370', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #182 20,370-20,410', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #183 20,410-20,450', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #184 20,450-20,490', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #185 20,490-20,530', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #186 20,530-20,570', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #187 20,570-20,610', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #188 20,610-20,650', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #189 20,650-20,690', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #190 20,690-20,730', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #191 20,730-20,770', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #192 20,770-20,810', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #193 20,810-20,850', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #194 20,850-20,890', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #195 20,890-20,930', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #196 20,930-20,970', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #197 20,970-21,010', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #198 21,010-21,050', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #199 21,050-21,090', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #200 21,090-21,130', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #201 21,130-21,170', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #202 21,170-21,210', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #203 21,210-21,250', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #204 21,250-21,290', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #205 21,290-21,330', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #206 21,330-21,370', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #207 21,370-21,410', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #208 21,410-21,450', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #209 21,450-21,490', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #210 21,490-21,530', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #211 21,530-21,570', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #212 21,570-21,610', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #213 21,610-21,650', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #214 21,650-21,690', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #215 21,690-21,730', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #216 21,730-21,770', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #217 21,770-21,810', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #218 21,810-21,850', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #219 21,850-21,890', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #220 21,890-21,930', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #221 21,930-21,970', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #222 21,970-22,010', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #223 22,010-22,050', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #224 22,050-22,090', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #225 22,090-22,130', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #226 22,130-22,170', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #227 22,170-22,210', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #228 22,210-22,250', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #229 22,250-22,290', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #230 22,290-22,330', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #231 22,330-22,370', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #232 22,370-22,410', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #233 22,410-22,450', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #234 22,450-22,490', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #235 22,490-22,530', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #236 22,530-22,570', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #237 22,570-22,610', rec 90' mw, IFP 1/2 to 1/2, FP 1/2 to 1/2, IHP 6050#, FHP 6050# DST #238 22,610-22,650', rec 90' mw,

B

W

B′

E

DATUM - T/ATOKA

MORROW LIME

AUSTIN

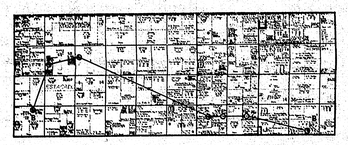
CHESTER

MISSISSIPPI LIME

WOODFORD

DEVONIAN

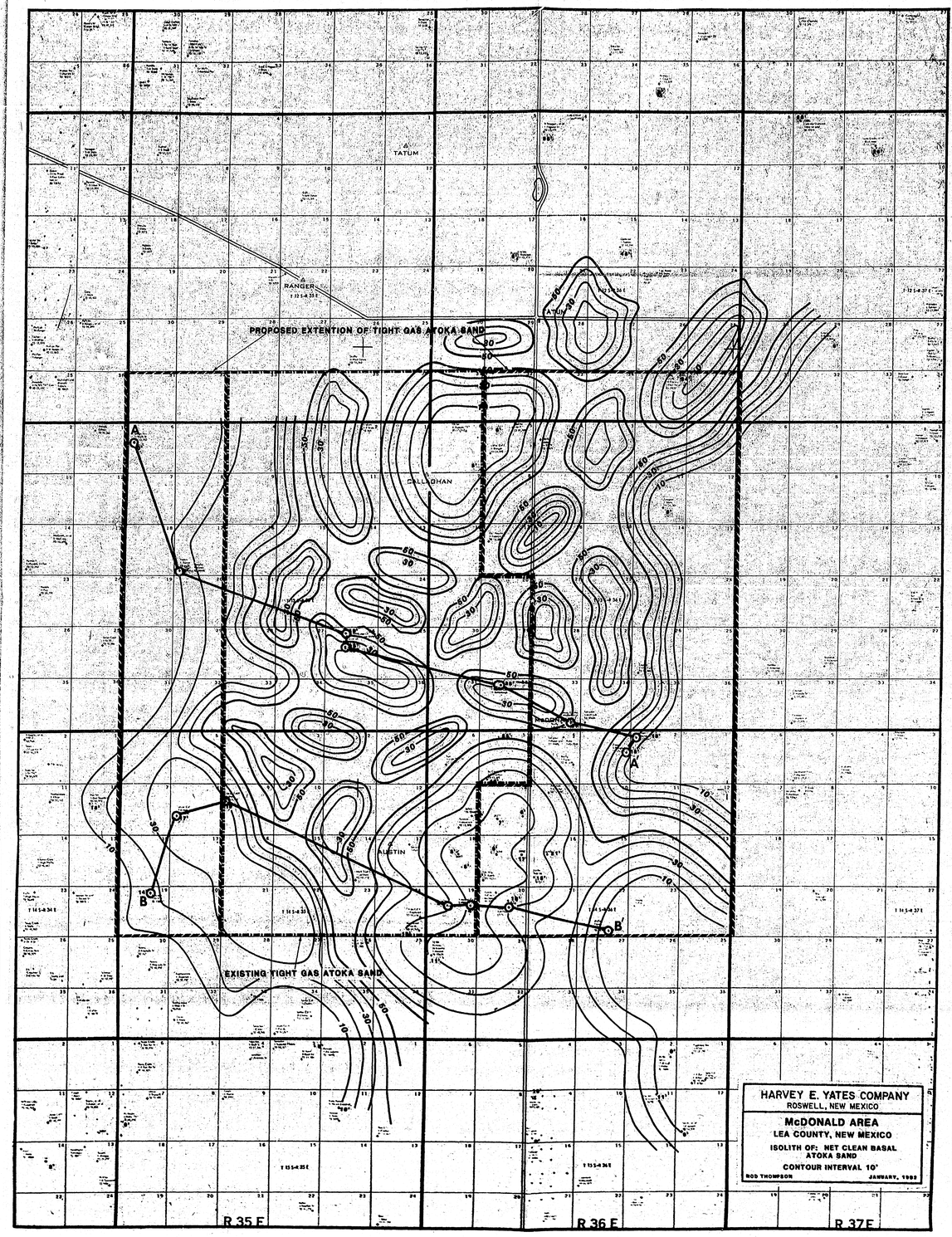
DATUM - T/ATOKA



BEFORE EXAMINER
OIL CONSERVATION DIVISION
EXHIBIT NO. 3
CASE NO. 7491
SUBMITTED BY Applicant
HEARING DATE 9/11/80

HARVEY E. YATES COMPANY
ROSWELL, NEW MEXICO
McDONALD AREA PROSPECT
W-E STRATIGRAPHIC CROSS-SECTION
DATUM-T/ATOKA
LEA COUNTY, NEW MEXICO

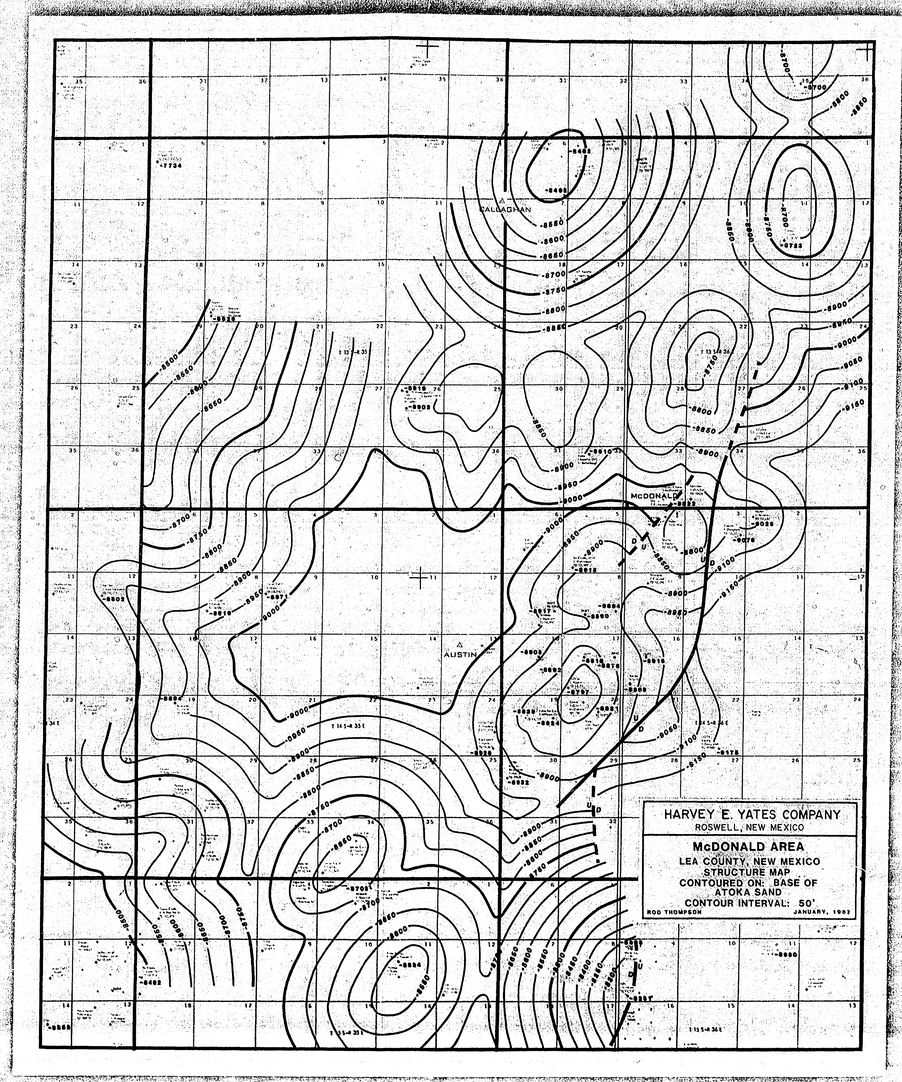
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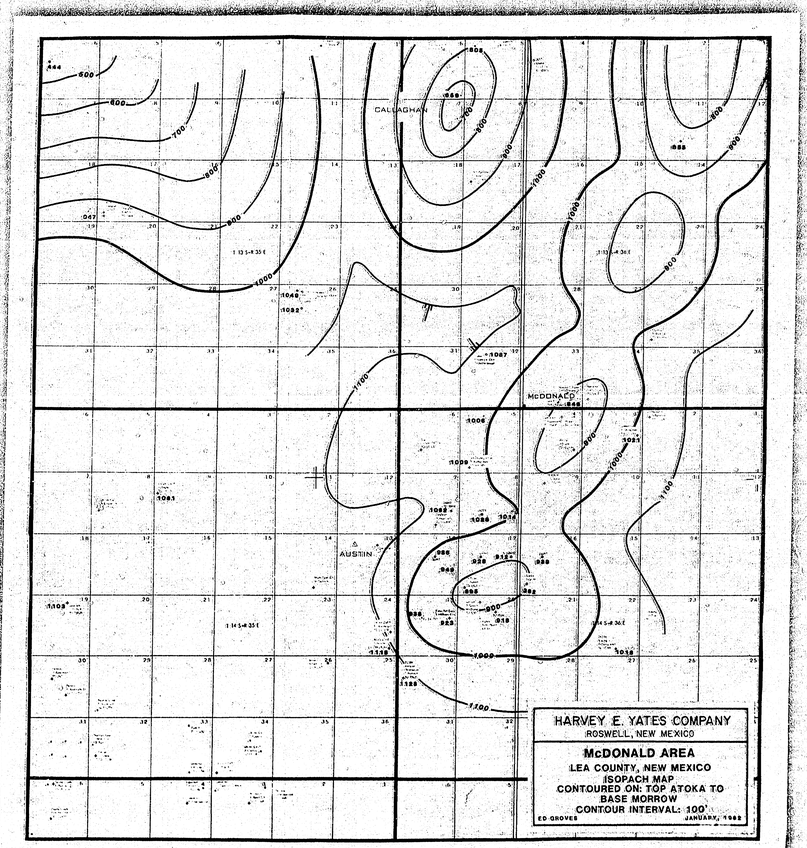
HARVEY E. YATES COMPANY
ROSWELL, NEW MEXICO

McDONALD AREA
LEA COUNTY, NEW MEXICO
ISOLITH OF: NET CLEAN BASAL ATOKA SAND
CONTOUR INTERVAL 10'
ROD THOMPSON — JANUARY, 1988

U.S.G.S. RECONNAISSANCE
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V.P.I.C.F. MICROGRAPHICS
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N.M.O.C.C. COMMISSION
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DresserAtlas

DRESSER

Formation Multi-Tester Log

FIELD

SERVICE NO. A-1138

COMPANY HOWEY E. WINS

WELL NO. HOWARD-GLASS NO. 1

FIELD WC WILDCAT

COUNTY LEA STATE NEW MEXICO

LOCATION: 660' FSL & 660' FEL SEC.

Other Services

SEC. _____ TWP. _____ RGE. _____

Permanent Datum	GROUND LEVEL	Elev.	3951.0	Elevations KB	3965.5
Log Measured from	K.B.	15	Ft. Above Permanent Datum	DF	
Drilling Measured from	K.B.			GL	3951.0

Date	4-21-81								
Run No.	ONE								
Tester Order	110120								
Type of Test Oil or Gas	GW								
Tool Point in Hole	12,701	12,701							
Recov. and Viscosity	9.2	32							
Est. Oil/Gas/Mud Cut	0	0	0		60		0		60
Cause of Sample	FLUID	CUSH							
Rec. in Mess. Temp.	0.97 @ 60 °F		●	°F	●	°F	●	°F	
Rec. + Mess. Temp.	0.728 @ 60 °F		●	°F	●	°F	●	°F	
Rec. in Mess. Temp.	1.21 @ 60 °F		●	°F	●	°F	●	°F	
Source of Rec'd and Rec'y	SAMPLER	MUD							
Res. @ Rec'd	.381 @ 165 °F		●	°F	●	°F	●	°F	
Time Tester Open	15 HOURS								
Chart No. and Loc.	6123 @ 12,700								
Time Well Shut-In	1179 MINUTES								
Clock No. and Loc.	911 @ 12,701								
Witnessed By	MR. CHARLIE								
Processed By	MR. HARPER								

Run No.	Bit No.	Bit Record From	Bit Record To	Casing Record Size	Casing Record Wgt.	Casing Record From	Casing Record To
ONE	7 7/8	SURF	12,701	8 5/8		SURF	4001

Acid Used:

Remarks:

EQUIPMENT DATA

	Recorder No.	Clock No.	Depth
Rec. No. 1	1179	6561	12,700
Rec. No. 2	1179	6561	12,701
Rec. No. 3	1179	6561	12,701

Dual Packer No. _____ Size _____

Bomb No. _____ Size _____

Bomb No. _____ Size _____

Extra No. _____ Size _____

Extra No. _____ Size _____

RECORDED TESTER POSITION

Test No. 1-1-5

GAMMA RAY (UNCALIBRATED)

GR MEASURE POINT

PACKER

DEPTH

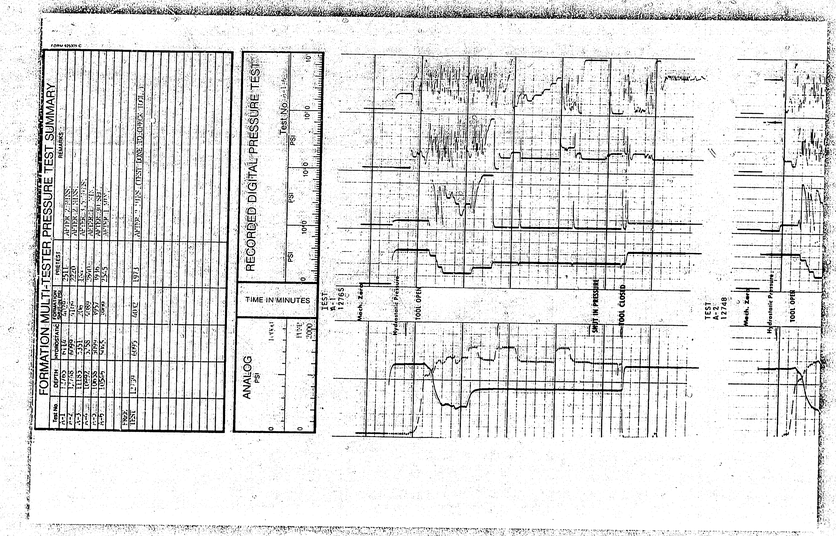
11'

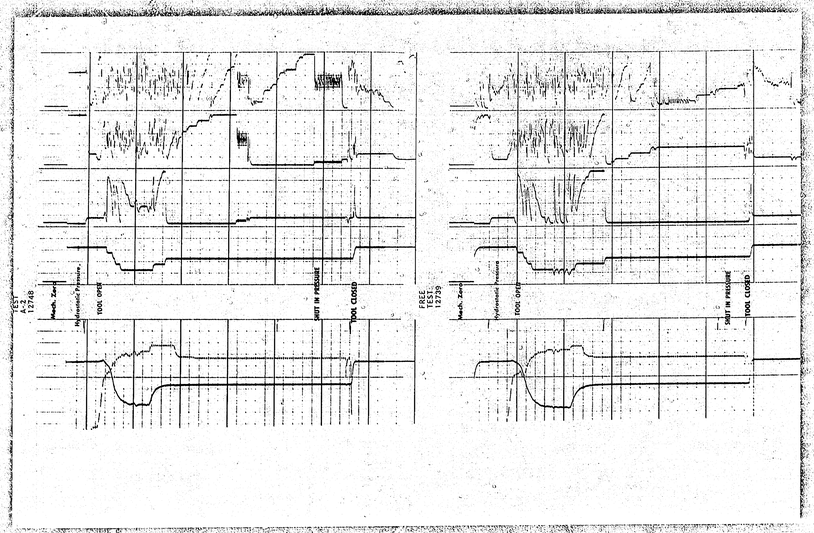
12700

SCALE 1"/5"

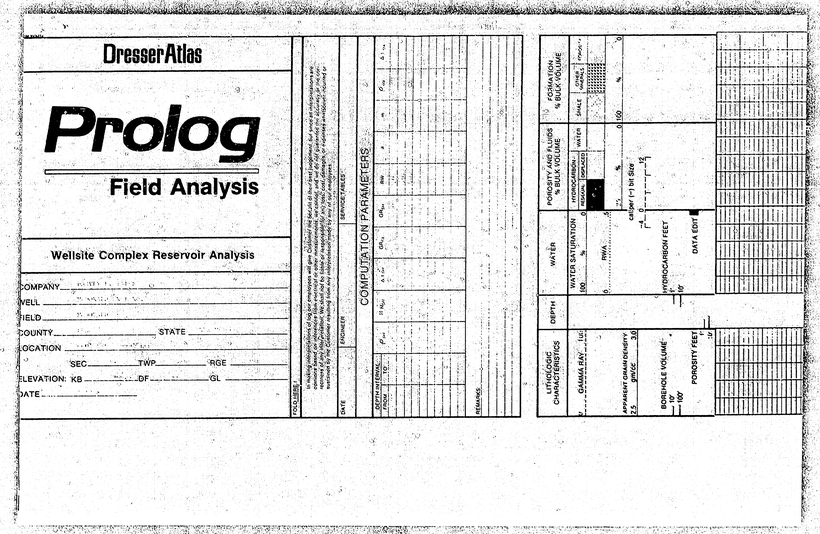
U.S.G.S. RESTRICTED

NOT AVAILABLE FOR PUBLIC RELEASE


FORMATION MULTI-TESTER PRESSURE TEST SUMMARY
REMARKS:
RECORDED DIGITAL PRESSURE TEST
TIME IN MINUTES
ANALOG
PSI
TEST
12765
TEST
12748
Mech. Zero
Hydrostatic Pressure
TOOL OPEN
SHUT IN PRESSURE
TOOL CLOSED
TOOL OPEN



V.P.I.C.Y. MICROGRAPHICS
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Dresser Atlas
Prolog
Field Analysis
Wellsite Complex Reservoir Analysis
COMPANY
WELL
FIELD
COUNTY
STATE
LOCATION
SEC
TWP
RGE
ELEVATION: KB
DF
GL
DATE
RECORDED BY
WITNESSED BY
COMPUTATION PARAMETERS
REMARKS
DEPTH
WATER
POROSITY AND FLUIDS % BULK VOLUME
HYDROCARBON
WATER
FORMATION % BULK VOLUME
WATER SATURATION
RWA
HYDROCARBON FEET
DATA EDIT
LITHOLOGIC CHARACTERISTICS
GAMMA RAY
SPONTANEOUS POTENTIAL
APPARENT GRAIN DENSITY
BOREHOLE VOLUME
POROSITY FEET

W.S.G.Y. GEOGRAPHICS

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DEPTH FEET	WATER SAT. %	TOTAL POR. %	CUMULATIVE DISPERCATION POR-FT	PERM. MD. SQ-FT	RESISTIVITY OHMM	NEUTRON POROSITY	BULK DENSITY GM/CC
17733.0	45.42	8.6	0.74	0.02	47.1	11.5	2.659
17734.0	39.53	8.5	0.23	0.03	100.6	9.4	2.609
17735.0	27.68	8.4	0.11	0.03	180.8	9.4	2.570
17736.0	27.77	8.4	0.11	0.03	180.5	9.4	2.570
17737.0	29.28	8.4	0.25	0.03	171.3	9.3	2.576
17738.0	30.39	8.6	0.26	0.03	246.9	9.0	2.627
17739.0	27.21	8.6	0.23	0.03	220.8	8.9	2.589
17740.0	28.13	9.0	0.53	0.37	110.5	9.8	2.528
17741.0	27.63	9.0	0.53	0.43	107.5	9.5	2.539
17742.0	29.05	9.1	0.69	0.49	103.8	9.4	2.565
17743.0	27.12	9.3	0.77	0.61	103.0	9.6	2.563
17744.0	25.48	8.6	0.05	0.01	159.6	9.5	2.525
17745.0	25.19	8.6	0.05	0.01	159.5	9.2	2.520
17746.0	25.76	8.8	0.07	0.01	159.2	9.2	2.532
17747.0	25.78	8.8	1.71	0.59	169.2	9.0	2.555
17748.0	28.12	10.6	1.19	0.83	166.9	8.1	2.483
17749.0	17.60	10.3	1.23	0.90	173.0	8.2	2.469
17750.0	15.46	10.0	1.33	0.99	299.7	8.3	2.491
17751.0	15.08	9.8	1.42	1.06	299.3	8.2	2.484
17752.0	16.06	10.7	1.42	1.15	279.1	8.2	2.469
17753.0	25.35	9.6	1.62	1.23	167.9	7.8	2.512
17754.0	25.77	9.6	1.72	1.29	169.2	8.0	2.533
17755.0	27.41	9.2	1.76	1.38	252.8	8.5	2.616
17756.0	25.47	9.3	1.82	1.45	254.0	8.3	2.588
17757.0	25.47	9.3	1.92	1.45	254.1	8.3	2.588
17758.0	21.99	7.8	2.09	1.61	736.2	8.2	2.564
17759.0	19.67	7.8	2.07	1.66	740.4	8.0	2.588
17760.0	31.05	7.9	2.12	1.68	249.1	8.2	2.662
17761.0	29.45	7.9	2.20	1.68	249.1	8.2	2.662
17762.0	29.45	7.3	2.23	1.68	252.8	8.5	2.567
17763.0	22.23	8.2	2.42	1.71	185.3	8.4	2.581
17764.0	25.13	8.0	2.51	1.81	167.1	8.0	2.535
17765.0	25.13	8.0	2.51	1.81	167.1	8.0	2.535
17766.0	24.47	8.4	2.53	1.95	129.9	8.2	2.601
17767.0	24.47	8.1	2.62	2.01	130.2	8.6	2.537
17768.0	30.68	7.6	2.67	2.05	133.6	8.8	2.568
17769.0	29.39	7.6	2.71	2.08	133.6	8.8	2.568
17769.0	29.39	8.4	2.91	2.08	143.5	7.3	2.585
17770.0	24.83	7.3	3.00	2.25	213.1	7.5	2.589
17771.0	24.88	7.0	3.05	2.28	213.9	7.5	2.630
17772.0	27.41	7.2	3.13	2.35	199.1	8.5	2.562
17773.0	27.41	11.2	3.13	2.35	199.1	8.5	2.562
17774.0	28.33	9.6	3.25	2.52	95.9	9.5	2.492
17775.0	39.16	8.8	3.32	2.57	112.3	9.4	2.573
17776.0	39.16	8.8	3.32	2.57	112.3	9.4	2.573
17777.0	29.68	9.0	3.40	2.62	102.7	9.1	2.568
17778.0	27.05	8.9	3.57	2.76	103.5	8.5	2.559
17779.0	23.14	10.3	3.75	2.91	109.1	8.9	2.555
17781.0	21.66	11.5	3.89	2.92	112.5	8.9	2.442
17782.0	17.10	11.4	4.00	3.08	119.6	8.1	2.468
17783.0	17.10	11.4	4.00	3.08	119.6	8.1	2.468
17783.0	36.57	9.1	4.19	3.14	98.0	8.5	2.547
17784.0	43.27	9.3	4.29	3.20	93.5	8.9	2.582

V.P.M.C.F. MICROGRAPHICS

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DresserAtlas

DRESSER

Formation Multi-Tester Log

FILE NO. A-4438

COMPANY HARVEY E. YATES

WELL MC DONALD UNIT NO. 1

FIELD MC DONALD

COUNTY LEA STATE NEW MEXICO

LOCATION: 660'FSL & 990'FEL, CEC. 1

Other Services

SEC TWP RGE

Permanent Datum	GROUND LEVEL	Elev. 3951.0		KB	3966.0
Log Measured from	K.B.	15 Ft. Above Permanent Datum		DF	
Drilling Measured from	K.B.			GL	3951.0

Date	4-21-81								
Run No.	ONE								
Service Order	070070								
Type of Test Oil or Gas	OIL								
Type Fluid in Hole	GEL STARCH								
Density and Viscosity	9.2	53#							
pH and Fluid Loss	8	6.2 cc		cc		cc		cc	
Source of Sample	FLOWLINE								
Rm @ Meas. Temp.	0.97 @ 60	°F	@	°F	@	°F	@	°F	
Rmf @ Meas. Temp.	0.728 @ 60	°F	@	°F	@	°F	@	°F	
Rmc @ Meas. Temp.	1.21 @ 60	°F	@	°F	@	°F	@	°F	
Source of Rmf and Rmc	MEAS	MEAS							
Rm @ BHT	.761 @ 165	°F	@	°F	@	°F	@	°F	
Time Since Circ.	14 HOURS								
Equip. No. and Loc.	6153 TEX. (C.N								
R. T. Truck No. and Loc	9379 / ABILENE								
R. T. Specialist	MC CORKLE								
Recorded By	MC CORKLE								
Witnessed By	MR. TIM PICKEN								

Run No.	Bit	Bore Hole Record From	To	Size	Wgt.	Casing Record From	To
1	7 7/8	560'GL	14593	8 5/8		SURF.	4600'

FOLD HERE

Remarks:

	RUN NO. 1	RUN NO. 2	RUN NO. 3	GAMMA RAY
Ser. & Rec. No.	3801			
Transmitter No.				10165
Panel No.				5356
Pocket No.				5356

RECORDED TESTER POSITION

Test No. 1 of 1

GAMMA RAY (Unstabilized)

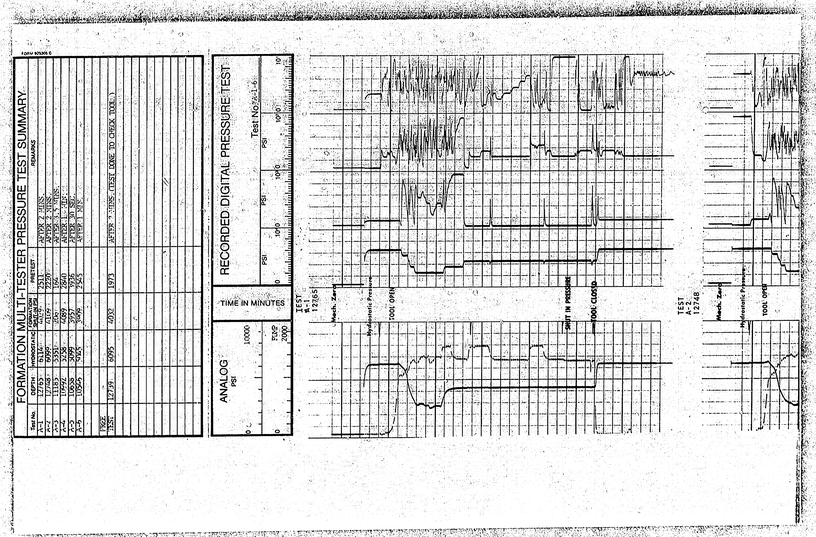
GR MEASURE POINT

PACKER

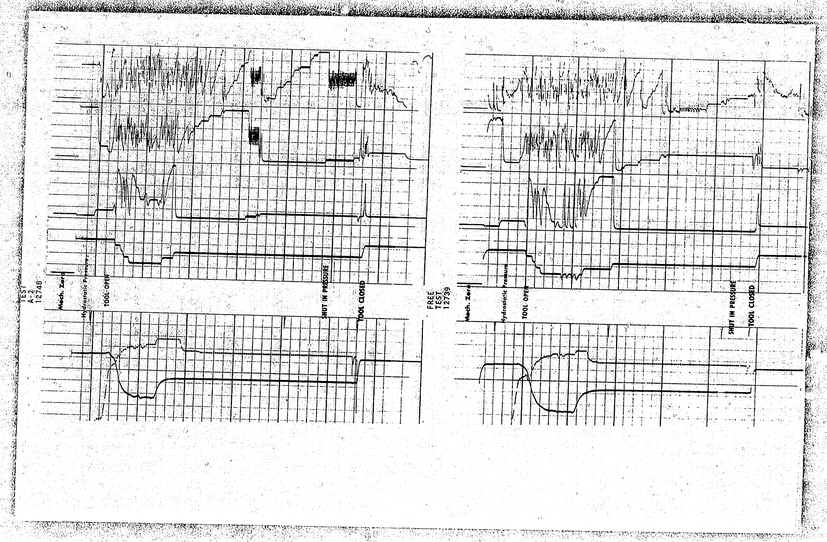
DEPTH

12700

INTERVAL TEST


FORMATION MULTI-TESTER PRESSURE TEST SUMMARY
RECORDED DIGITAL PRESSURE TEST
Test No. 2-1-5
TIME IN MINUTES
ANALOG
PSI
TEST 12655
TEST 12748
Mech. Zero
Hydrostatic Pressure
TOOL OPEN
SHUT IN PRESSURE
TOOL CLOSED




TEST
A-2
12140
Mech. Zero
Reference Pressure
TOOL OPEN
SHUT IN PRESSURE
TOOL CLOSED
FREE
TEST
12739

DresserAtlas

Prolog

Field Analysis

Wellsite Complex Reservoir Analysis

COMPANY HARVEY E. YATES

WELL McDONALD FEDERAL No. 1

FIELD [illegible]

COUNTY [illegible] STATE NEW MEXICO

LOCATION 660' FNL & 990' FEL

SEC 13 TWP [illegible] RGE [illegible]

ELEVATION: KB [illegible] DF -- GL [illegible]

DATE [illegible]

REQUEST

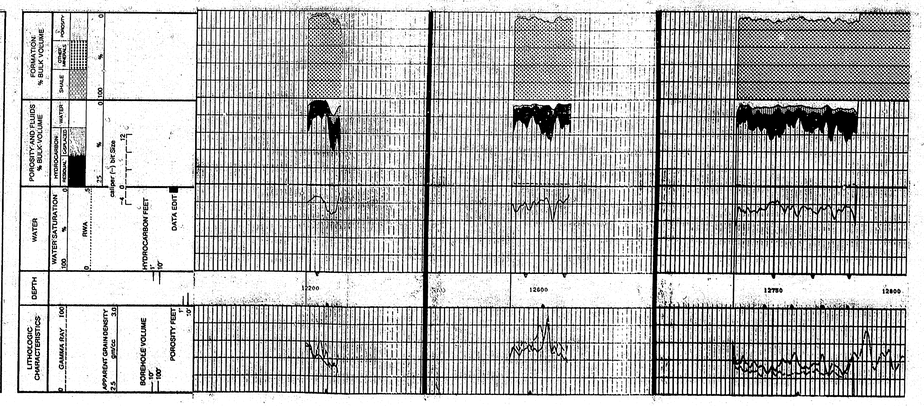
In making interpretations of log our employees will give Customer the benefit of their judgment, but as part of consideration for services taken on interpretations, we cannot, and will not guarantee the accuracy of the interpretations, and we shall not be responsible for any loss or damage suffered by Customer resulting from any interpretation made by any of our employees.

DATE [illegible] ENGINEER [illegible] SERVICE TICKET

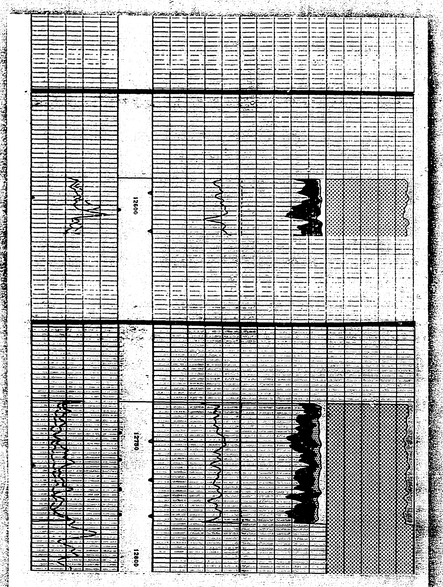
COMPUTATION PARAMETERS

DEPTH INTERVAL FROM TO

REMARKS



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U.S. GAMES TRONOMALO UNIT NO.1
LEA, NEW MEXICO

| DEPTH FEET | WATER SAT. % | TOTAL POR. % | CUMULATIVE PERMEABILITIES MD-FT | CUMULATIVE PERMEABILITIES MD-FT | RESISTIVITY OHMS | RESISTIVITY OHMS | RESISTIVITY OHMS