

MIDLAND DIVISION - WORKOVER PROGRESS AND SUMMARY REPORT

(WORK PERFORMED CONTINUED)

Lease and Well No. FEDERAL SANDS 18 # 1

1/16/91 MIRU X-PERT PU PULL RODS & PUMP INSTALL BOP. TOH w/ 2 7/8" PROD TBG.
SDON. 1-DAYS COST \$ 3526

1/17/91 RU HALLIBURTON WIRE-LINE. RAN GR-CCL LOG FROM 8610' TO 7000'. RAN
7 5/8" CIBP ON WL & SET @ 8660'. DUMP 35' CEMENT ON TOP OF CIBP. NEW
PBTD=8624'. PU & RUN 3 1/2" x 7 5/8" HOWCO RTTS PKR ON 3 1/2" TBG. TESTING
TO 6000# SDFN 2-DAYS COST \$ 9,727

1/18/91 FINISH GIH w/ 3 1/2" TBG. & PKR. SET PKR @ 7470'. MIRU DOWELL
SCHLUMBERGER & CIRC 2% KCL WTR. SPOT 50 GALS. OF 10% ACETIC ACID ACROSS
INTERVAL (7438'-7452'). POH TO 7320' SET PKR & TEST PLUG TO 2500# FOR 10
MIN. MIRU HALLIBURTON- GIH w/ 2" SPIRAL TBG. GUN & PERF 7 5/8" CSG w/ 2
JSPF 7438'-7452'. (29 HOLES).POH & RIG DOWN HALLIBURTON. ACIDIZE BRUSHY
CANYON (DELAWARE) PERFS (7438'-7452'). w/1500 GALS 15% NEFE ACID & 45 BALL
SEALERS. FLUSHED w/71 BBLS. OF 2% KCL WTR. JOB COMPLETE @ 5:30 P.M. AVG.
PSI=1580# MAX. PRESS=4200# ISIP=650#, 15 MIN SI=510# AVG. RATE =5 BPM.
TOTAL LOAD TO REC=104 BBLS. SION [-104 BLW] 3-DAYS COST \$21,600

1/19/91 SIP 300# BLED DOWN IN 2 MIN. SWAB & TEST WELL FOR 4 HRS REC 75 BLW,
TRACE OF OIL & BLOW OF GAS. MIRU DOWELL SCHLUMBERGER & PUMP DOWN 3 1/2" TBG.
INTO 7 5/8" CSG. PERFS 7438'-7452' USING ATOTAL OF 22,000 GALS GELLED 2% KCL
CARRYING 85,040# 12/20 SAND IN 8 STAGES. (FROM 2 PPG.-TO 8 PPG.) & FLUSHED
w 65 BBLS 2% KCL WTR @ MAX PSI=3600# MIN 1770# AVG. 2800 @ AIR 25 BPM ISIP
860# 15 MIN 80#. CLOSE WELL & SDON. [-365 BLW] 4-DAYS COST \$50,140

1/20/91 SI 24 HRS

1/21/91 SI 48 HRS.