

2,348'. LATCHED ONTO FISH. JAR ON FISH - NO PROGRESS. MADE 39'. CONTINUE TO JAR ON FISH W/NO PROGRESS. JAR QUIT WORKING. TOH W/2-3/8" TBG., BOOSTER, 4 3-1/2" D.C.'S, JARS & OVERSHOT. TIH W/4-5/8" SHOE, 2 JTS. WASH PIPE, JARS, 4 D.C.'S, BOOSTER, & 2-3/8" TBG. TO 2,267'. WASH DWN. OVER FISH TO 2,365'. CIRC. CLEAN. TOH W/10 JTS. TBG. TOH W/TBG., BOOSTER, D.C.'S, & JARS. ADD 2 JTS. WASH PIPE. TIH W/4-5/8" SHOE, 4 JTS. WASH PIPE, JARS, D.C.'S, BOOSTER, & TBG. START WASHING OVER FISH @ 2,322'. WASH DWN. TO 2,423'. LOST CIRC. TOH W/2-3/8" TBG., BOOSTER, D.C.'S, JARS, 4 JTS. WASH PIPE & SHOE. TIH W/OVERSHOT, JARS, D.C.'S, BOOSTER, & 2-3/8" TBG. TAGGED FISH @ 2,538'. LATCHED ONTO FISH & TOH W/2-3/8" TBG., BOOSTER, D.C.S, JARS, OVERSHOT, 26 JTS. 2-3/8" TBG., N-NIPPLE & 2 FT. SUB. TIH W/4-3/4" BIT, D.C.'S & 2-3/8" TBG. LEFT SWINGING @ 2,892'. PU 10 JTS. TBG. & FINISHED TIH W/BIT TO 3,108'. TOH W/TBG., D.C.'S & BIT. TIH W/BAKER LOC-SET BRIDGE PLUG. RELEASED ON-OFF TOOL. SET PKR. @ 3,018'. RU FRACMASTER & PRESS. TBG. TO 3,500# PRESS. OK. RELEASED PKR. & PRESS. CSG. TO 3,500#. OK. PUMPED 600 GALS. 15% HCL ACID DWN. TBG. @ 15 BPM. DISPLACED ACID OUT OF TBG. W/20 BBLs. FW TO FRAC TANK. TOH W/TBG., PKR. & ON-OFF TOOL. TIH W/TBG. OE TO 3,010'. PUMPED 2 SKS. 12-40 SAND DWN. TBG. IN 10 BBLs. WATER. DISPLACED W/5 BBLs. WATER. TOH W/TBG. RU SCHLUMBERGER & PERF'D. 5-1/2" CSG. W/HYPER JET III CHGS., 1 SPF W/27 SHOTS AS FOLLOWS: 3,019', 3,004', 2,980', 2,953', 2,932', 2,927', 2,865', 2,810', 2,797', 2,786', 2,783', 2,750', 2,721', 2,716', 2,698', 2,692', 2,679', 2,630', 2,615', 2,610', 2,602', 2,592', 2,585', 2,577', 2,557', 2,510' & 2,478'. RD SCHLUMBERGER. TAGGED SAND @ 3,033'. TIH W/FTI TOOL ON 2-3/8" TBG. TO 3,020'. RU AMERICAN FRACMASTER & WASHED PERFS. W/2% KCL WATER W/LOSURF 300 CHEMICAL FR. 3,019'-2,478'. TOH W/2-3/8" TBG. & FTI TOOL. TIH W/PPI PKR. W/4' SETTINGS TO 3,000'. PRESS. TST. TOOLS TO 3,500#. OK. RAN TOOL TO 3,019'. SET PKR. SPOT ACID TO 3,019'. BREAKDWN. PERFS. @ 3,019', 3,004', 2,980', 2,953', 2,932', 2,927', 2,865' & 2,810' W/50 GALS. EACH OF 15% HCL NEFE ACID MIXED W/70# OF SODIUM ERYTHORBATE/1,000 GALS. MAX. PRESS.-2,300#, MIN. PRESS.-2,200# @ 2 BPM RATE. BAKER PPI PKR. FAILED. MOVED PKR. TO BLANK CASING. RESET. WOULD NOT HOLD. TOH W/2-3/8" TBG. & PPI PKR. PKR. HAD 2 PACKING ELEMENTS OFF. OPENED WELL & TIH W/BAKER PPI PKR W/ 4' SETTINGS TO 2450'. SET PKR IN BLANK CASING & PRESSURE TESTED TO 3500 #S OK. RAN TOOL TO 2797', 2786', 2783', 2750', 2721', 2716', 2698', 2692', 2679', 2630', 2615', 2610', 2602', 2592', 2585', 2577', 2557', 2510', 2478'. W/50 GAL. PER PERF OF 15% HCL NEFE ACID MIXED W/70#S OF SODIUM ERYTHORBATE PER 1000 GAL. MAX. PRESSURE 3250#S, MIN PRESSURE 1400#S @ 2 BPM RATE. RD AMERICAN FRACMASTER. TOH W/2-3/8" TBG. & BAKER PPI PKR. REMOVED BOP & INSTALLED FRAC VALVE. RDMO. CLEAN LOCATION. DUG BLOWDOWN PIT & PREPARED LOC. FOR FRAC JOB. CLOSED IN. MIRU HALLIBURTON FRACTURING SVC. FRAC EUMONT PERFS FR 2478' - 3019' W/117,500 GALS. OF 55 QUALITY CO2/WATERFRAC CARRING 250,000" OF BRADY SAND AT 50 BPM. FLUSH FRAC W/3518 GALS. FOAM ISIP 1912#. AVG. PP 2189 PSI. RDMO HALLIBURTON. START FLOWING BACK WHEN HALLIBURTON STOP PUMPING. FLOWING TO PIT. JARREL SVC. MIRU. TIH & TAGGED FILL IN 5-1/2" CASING AT 3130'. RD JARRELL SVC. & RESUMED FLOWING TO SALES. FLOWED WELL TO FRAC TANK ON FULL OPEN CHOKE. FLOWED 32 BBSL. OF TOTAL FLUID. TBG PRESS. INCRSD. FR 25 PSI TO 70 PSI. RESUMED FLOWING TO SALES. INSTANT FLOW RATE 870 MCFPD. RATE DECREASED TO 650 MCFPD IN APPROX. 30 MIN. SUSPECT DECREASED RATE TO WELL LOADED UP W/FLUID. FLOWING TO SALES. FLOWED WELL TO FRAC TANK TO UNLOAD FLUID. DID NOT UNLOAD ANU FLUID. CI. MIRU JARREL WIRELINE. PERFORMED STATIC BHP SURVEY W/10 GRANDIENT STOPS. FLOWING AT 528 MCFPD W/TBG. PRESSURE 40PSI. PRODUCED 508 MCFPD W/TBG PRESSURE 40 PSI. MIRU DAWSON PRODUCTION. NIPPLE UP 3" SPOOL & BOP ON TOP OF FRAC VAVLE. LAYED BLOW DOWN LINES TO PIT. MOVED IN 2-7/8" TBG. STRING. FLOWING. OPENED WELL TO TEST TANK, FLOWED 7 BO TEST TANK. CHAPARRAL SVC. MIRU. PUMPED 20 BBLs 2%KCL WTR MIXED W/HALLIBURTON LO-SURF DWN CASING. KILLED WELL. TIH W/82 JTS OF 2-7/8" OD TBG. SET TBG OPEN ENDED AT 2471'. SWABBED 0 BO & 25 BW W/12 SWAB TRIPS. FLUID LEVEL DECREASED FROM 800' TO 1600' FR. SURF. CLOSED IN. OPENED WELL TO TEST TANK (CITP 600 PSI). FLOWED 5 BO & 51 BW. INTIAL FLOWING TBG PRESS. 70 PSI, CASING PRESS. 250 PSI. FLOWED 8 HRS. TBG PRESS. DECRSD. TO 30 PSI, CASING PRESS. 125 PSI. FLOWING TO SALES. OPENED TBG TO TEST TANK. INITIAL TBG PRESS. 40 PSI. FLOWED TO TEST TANK 2 HRS. TBG & CASING PRESS. DCRSD TO 10 PSI. WELL FLOWED A CONSTANT MIST OF FLUID & GAS TO TEST TANK. CLOSED WELL IN FOR 45 MIN. TO REPAIR SWAB CONNECTION. CASING PRESS. INCRSD. TO 165 PSI. FLOWED TO TEST