

IG BEAR ATN #2

-15S-35E

LA COUNTY, NM

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DISPLACED 3 BBLS OVER. STAGE #1 TAIL: 1080 SX 3S5:65:6 + 5% FL-52, 3 PPS LCM-1. TAILED IN WITH 230 SX D15:61:11, .5% FL52,, 5 PPS LCM 1 (YLD 1.95, WT 12.5) (YLD 1.6, WT 13). 9:30 PM 03/16/01. BUMP PLUG TO 2500 PSI FOR 1 MIN. FLOAT & CSG HELD OK. DID NOT BUMP PLUG ON 1ST STAGE CEMENT. WENT 3 BBLS OVER ON DISPLACEMENT AND DID NOT CIRCULATE CEMENT OFF OF DV TOOL. DISPLACED WITH 254 BBLS FRESH WATER. WAITING ON COMPLETION UNIT. RUN GRCBL FROM PBTD TO 200' ABOVE CEMENT TOP. PUMP 36 BBLS ACID. ACIDIZED W/ 1500 GAL 15% ICHCL AVG 48 BPM, AVG 6700 PSI, ISDP 5200 PSI 15 MIN 3420 PSI. PERFORATE MISSISSIPPI LIME 13,248-52', 4 JSPF = 20 .42" HOLES TOH RIG DOWN. ACIDIZED MISS LIME WITH 500 GALS 15% IC HCL. BREAK DOWN @ 7720 PSI, AVG 3 BPM, AVG 6200 PSI. ISDP 5300 PSI, 15 MINS 4470 PSI, PERFORATED AUSTIN CYCLE 12746-56' WITH 1000 GALS 7-1/2 MORROW ACID BREAT @ 6500 PSI. AVG 3 BPM @ 6900#. ISDP 6000#, 15 MINS 3925# GOOD BALL ACTION. START FRAC VIA 3-1/2" TBG OF AUSTIN CYCLE W/48566 GAL 40# WTR FRAC W/ 70Q FOAM. BREAK @ 9100 PSI. AVG 10.5 BPM, AVG 9500 PSI PRESSURE CAME UP TO 9700 PSI, GOT 1200# BREAK AND CAME BACK UP. BROKE BACK AGAIN. THEN PRESSURED OUT 10000 PSI. GOT 1/2 FLUSH IN. SHUT DOWN. 20,000# 20/40 BAUXITE IN FORMATION 3700# IN TBG. 34040 GAL PUMPED. 250 BBLS FLUID, ISDP 7500 PSI, 15 MIN 6400 PSI.. PERFORATE ATOKA SAND 11,878'-11,882' 6 JSPF = 30.42 HOLES. DECISION NOT TO ACIDIZE. TURN TO PRODUCTION.