

4517

01/18/2002 CMIC:RICK MESSENGER

LOCATION RE-STAKED BY BASIN SURVEYORS @ 1550' FSL, 990' FWL, SECTION 20, T17S, R31E, EDDY COUNTY, NEW MEXICO; BUILT NEW LOCATION (ADD-ON) AND RESERVE PITS; LINED AND FILLED PITS; MIRU AUGER AIR DRILLING, AND SET 40' OF 20" CONDUCTOR PIPE; CEMENTED CONDUCTOR PIPE WITH READY-MIX CEMENT; SKIDDED AND RIGGED UP KEY RIG #37; SPUDDED 17 1/2" HOLE @ 6:00AM, 01/17/02; DRILLING; LOST PUMP PRESSURE; POOH; WE HAD BLEW JET OUT OF BIT; PU BIT #2; DRILLING; TD'ED 17 1/2" HOLE @ 6:15PM, 01/17/02; CIRCULATE HOLE 45 MIN; STATED LOSING RETURNS WHILE CIRC. TO RUN CASING; DROP TOTCO; POOH; SLM; LD BHA; RU CASERS AND RAN 10 JTS. OF 13 3/8" - 48#- H40-LTC CASING; SET @ 440'; RD CASING CREW; RU BJ AND CEMENTED WITH GW27 SPACER; THEN LEAD WITH 200 SACKS CLASS "H" +10% A-10B, + 1% CACL2, +.25#/SK CELLOFLAKE, + 10#/SK LCM-1 (WT.-14.6#/GAL, YIELD- 1.52 FT3/SK, SLURRY VOL.- 54 BBLs) FOLLOWED BY 300 SACKS OF BJ "LITE", 35:65, CLASS"C"/POZ, W/2% CACL2, 5#/SK LCM-1, + 6% BENTONITE, (WT.-12.4#/GAL, YIELD-2.02 FT3/SK, SLURRY VOL-107 BBLs) AND TAILED BY 200 SACKS CLASS"C" W/2% CACL2, (WT- 14.8 #/GAL, YIELD-1.32 FT3/SK, SLURRY VOL-47 BBLs); TOTAL SLURRY VOL.- 154 BBLs. ; DISPLACED WITH 63 BBLs FW; PLUG IN PLACE @ 2:00AM, 01/18/02; CIRCULATED 100 SACKS CEMENT TO RESERVE PIT; RD BJ; WOC 6 HRS; WE WILL CUT OFF CONDUCTOR & START WELDING ON "A" SECTION @a 8:00AM, 01/18/02;

NOTE MR. DON EARLY WITH BLM WAS NOTIFIED OF SPUD @ 9:30AM, 01/15/02; ALSO NOTIFIED MR. EARLY OF SURF. CEMENT JOB @ 8:00PM, 01/17/02; MR. EARLY DID WITNESS JOB;

01/19/2002 CMIC:RICK MESSENGER

WOC TIL 8:00AM; CUT OFF CONDUCTOR; CUT OFF 13 3/8" CASING; INSTALL "A" SECTION; NIPPLE UP BOP; TIH; POOH, LD DCS; STARTING TO SETOUT FRONT YARD TO ENABLE TRUCKS TO BACK-UP TO SUB TO LEVEL OVER HOLE;

01/20/2002 CMIC:RICK MESSENGER

RELEVELED RIG ; LINED BLOCKS UP OVER HOLE; FINISH NIPPLE UP BOPS & TEST BOPS TO 1500#, TESTED OK; PICK UP BHA; DRILLING CEMENT @ 2200 HRS. 01/19/02; DRLG FLOAT & CEMENT; WL SURVEY @ 440' - 3/4 DEGREES; DRILLING;

01/21/2002 CMIC:RICK MESSENGER

DRILLING; WL SURVEY @ 912' - 1 DEGREE; DRILLING; WL SURVEY @ 1391' - 1 DEGREE; DRILLING AHEAD @ 30'/HR. WITH 14 BBL./HR. SEEPAGE;

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DRILLING; WL SURVEY @ 1871' - 3/4 DEGREES; DRILLING AHEAD @ 30-35 FT/HR, WITH 15 BBLs/HR SEEPAGE;

01/23/2002 CMIC:RICK MESSENGER

DRILLING; WL SURVEY @ 2350' - 1 DEGREE; DRILLING AHEAD @ 20-25 FT/HR. WITH 12-15 BBLs / HR SEEPAGE;

01/24/2002 CMIC:RICK MESSENGER

DRILLING; WL SURVEY @ 2829' - 1 1/2 DEGREES; DRILLING AHEAD @ 13'/HR, NO PROBLEMS;

01/25/2002 CMIC:RICK MESSENGER

DRILLING WITH INTERMITTANT FLOW/NO FLOW; WELL CURRENTLY FLOWING @ ABOUT 50 BBL/HR AND IS OIL CUT; @ 5:00AM WE PICKED UP ROTATING HEAD;

01/26/2002 CMIC:RICK MESSENGER

DRILLING; WL SURVEY @ 3308' - 1 3/4 DEGREES; DRILLING; WL SURVEY @ 3532' - 1 DEGREE; DRILLING; LOST PUMP PRESSURE; POOH FOR BLOWN JET;

01/27/2002 CMIC:RICK MESSENGER

POOH FOR BLOWN JET; CHANGE BIT TO RE-RUN BIT; TIH; HIT FILL @ 3441 (210' OF FILL); LAYDOWN 7 JTS DP; WASH & REAM 210' OF SOFT FILL TO BOTTOM; DRILLING; WLSURVEY @ 4012' - 1 1/4 DEGREES; DRILLING;

01/28/2002 CMIC:RICK MESSENGER

DRILLING WITH NO FLOW; REPLACE ROTATINGHEAD RUBBER; CIRCULATE STEEL PITS AND RAISE VIS TO 46 VIS, AND 12 WL; DRILLING WITH A 28 BBL/HR FLOW; FLOW IS CUTTING MUD WT BACK TO 8.7#/GAL; RAN FLUID CALIPER FOR CEMENT CALC. HOLE IS 121% WASHED OUT;

01/29/2002 CMIC:RICK MESSENGER

DRILLING; TD'ED 12 1/4" HOLE @ 10:15 AM, 01/28/01; CIRC. & CONDITION HOLE FOR 1 1/2 HRS. ; POOH 20STDS FOR SHORT TRIP; HESITATE 1/2 HR; TIH, NO FILL, NO DRAG; CIRC. & PUMP SWEEP; POOH WITH DP; RU LAYDOWN MACHINE; LAYDOWN 8" DCS; RIG UP BULL ROGERS CASING CREW AND RAN 49 JTS. (2100.86') OF 9 5/8" - 40# - NS-80-LTC CASING; FOLLOWED BY 59 JTS. (2439.25') OF 9 5/8" - 36# - K-55 - LTC CASING; TOTAL PIPE RAN - 4540.15'; RAN 8 CENTRALIZERS, ONE ACROSS MIDDLE OF FLOAT JT., 6 RAN AT ONE ACROSS EVERY THIRD COLLAR FROM BOTTOM UP AND ONE ACROSS LAST COLLAR IN HOLE; HAD 20' OF SOFT FILL; WASHED DOWN TO BOTTOM, NO PROBLEM; CIRCULATE AND CONDITION FOR CEMENT; RU BJ AND CEMENTED WITH 500 GAL. FW W/GW27, FOLLOWED BY 200 SKS THIXATROPIC CEMENT- CLASS "H" W/10% A-10B, 1% CACL2, 1/4#/SK CELLOFLAKE & 10#/SK LCM-1, WT. - 14.6#/GAL, YIELD - 1.52 FT3/SK, SLURRY VOL. - 59 BBLs; FOLLOWED BY 1775 SKS. BJ "LITE", 35:65 CLASS "C" / POZ, W/2% CACL2, 5#/SK LCM-1, & 6% BENTONITE; WT.-12.7#/GAL, YIELD - 1.87 FT3/SK, SLURRY VOL.- 587 BBLs; & TAILED WITH 200 SKS, CLASS "C" W/2% CACL2; WT- 14.8#/GAL, YIELD - 1.32 FT3/SK, SLURRY VOL.- 47 BBLs; TOTAL SLURRY VOL. - 693 BBLs; CIRCULATED 282 SACKS TO RESERVE PIT; PLUG DOWN @ 6:30 AM, 01/29/02; NOTE: CONTACTED MR. HOMER SAENZ W/BLM @ 6:40PM, 01/28/02, HE DID NOT WITNESS JOB;

01/30/2002 CMIC:RICK MESSENGER

RIG DOWN BJ; NIPPLE DOWN BOPS; HAD CEMENT FLOWING FROM 13 3/8" AND 9 5/8" ANNULUS; SHUT IN HYDRIL, APPLY 1000#; AFTER 1 HR, CHECKED FLOW, IT WAS THEN FLOWING WATER, MUD, OIL & H2S; RIG UP AIR UNIT; OPEN FLOW TO PIT; PU BOPS AND INSTALLED SLIPS WITH AUTOMATIC PACK-OFF; SLIPS SET WITH 160,000#; PACK-OFF STILL LEAKING; WO BJ; RU BJ WITH SQUEEZE MANIFOLD; TESTED LINES TO 2000#; APPLIED 2000# TO INSIDE OF 9 5/8" CASING; STARTED PUMPING ON ANNULUS TO ESTABLISH INJECTION RATE, SLIPS PUMPED OUT OF BOWL; RE-SET SLIPS, SET BOP WT DOWN ON SLIPS (42K); ESTABLISHED RATE OF 1 1/2 BPM, PACK-OFF WEeping; PUMPED PAPER WITH H2O, SEALED OFF PACK-OFF; BROUGHT INJECTION RATE UP IN INCREMENTS TO 3 1/2 BPM @ 500#; PUMPED 28 BBLs. FW (VOLUME OF 13 3/8" BY 9 5/8" ANNULUS); MIXED AND PUMPED 450 SACKS CLASS "C" WITH 2% CACL2 (CC MIXED ON FLY); WT FROM 14#/GAL TO 16.5#/GAL AT END OF JOB; TOTAL SLURRY PUMPED - 105 BBLs.; PUMPED SLURRY @ 3.5 BPM @ MAX. PRESSURE OF 750#; SHUT IN ANNULUS; WASHED UP; APPLIED 1/4 BBL FW THRU CASING VALVE; SHUT IN FOR 1 HR; AFTER 1 HR. PSI -0; PRESSURE UP WITH 1/4 BBL FW CEMENT MOVING WITH 650#; SHUT IN FOR 1 HR. PRESSURE AFTER 1 HR SI- 0#; PUMPED 1/4 BBL AND SQUEEZE HELD TO 1000#; RD BJ; PU BOPS; CUT OFF 9 5/8" CASING; INSTALL MANUAL SEAL ON TOP OF SLIPS THEN INSTALLED 5K "B" SECTION; TESTED WELLHEAD TO 1700# TESTED OK; START NIPPLING UP BOPS; NOTE: TALKED TO MR. JOE LARA WITH BLM @ 1:00PM, MST, 01/29/02; HE APPROVED SQUEEZE, I NOTIFIED BLM AFTER HOURS CELL PHONE @ 6:00P, MST, 01/29/02 OF SQUEEZE JOB, NO ONE WITNESSED.

01/31/2002 CMIC:RICK MESSENGER

NIPPLE UP BOPS; RU MANN WELDINGS BOP TESTER; TESTED BLIND RAMS, PIPE RAMS, CHOKE LINES, CHOKE MANIFOLD & ALL SAFETY VALVES TO 5000# AND TO LOW OF 300#; TESTED HYDRIL, CASING, AND MUD LINES TO 2500#, OK; FUNCTION, VOLUME & TIME TESTED ACCUMULATOR, NEED TO REPAIR MINOR PARTS ON ACCUMULATOR IN MORNING BEFORE DRILLING OUT; RIG DOWN TEST UNIT; PICKING UP BHA. NOTE: BOP TEST WAS WITNESSED BY MR. HOMER SAENZ.

02/01/2002 CMIC:RICK MESSENGER

PICKING UP BHA; RD LAYDOWN MACHINE; TIH; MADE REPAIRS TO ACCUMULATOR REMOTE CONTROLS; TESTED ACCUMULATOR WITH BLM FOR TIME, VOLUME & PUMP CAPACITY; ACCUMULATOR PASSED ALL TESTS; FINISH TIH; DRILL PLUG AND CEMENT; DRILLING NEW FORMATION @ 5:00PM, 01/31/02; DRILLED 11' OF NEW FORMATION; TESTED SHOE TO 11.5 EMW, HELD OK; WL SURVEY @ 4499' - 3/4 DEGREES; DRILLING PU ROTATINGHEAD; DRILLING; MR. DUNCAN WHITLOCK WITH BLM WITNESSED ACCUMULATOR TEST

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