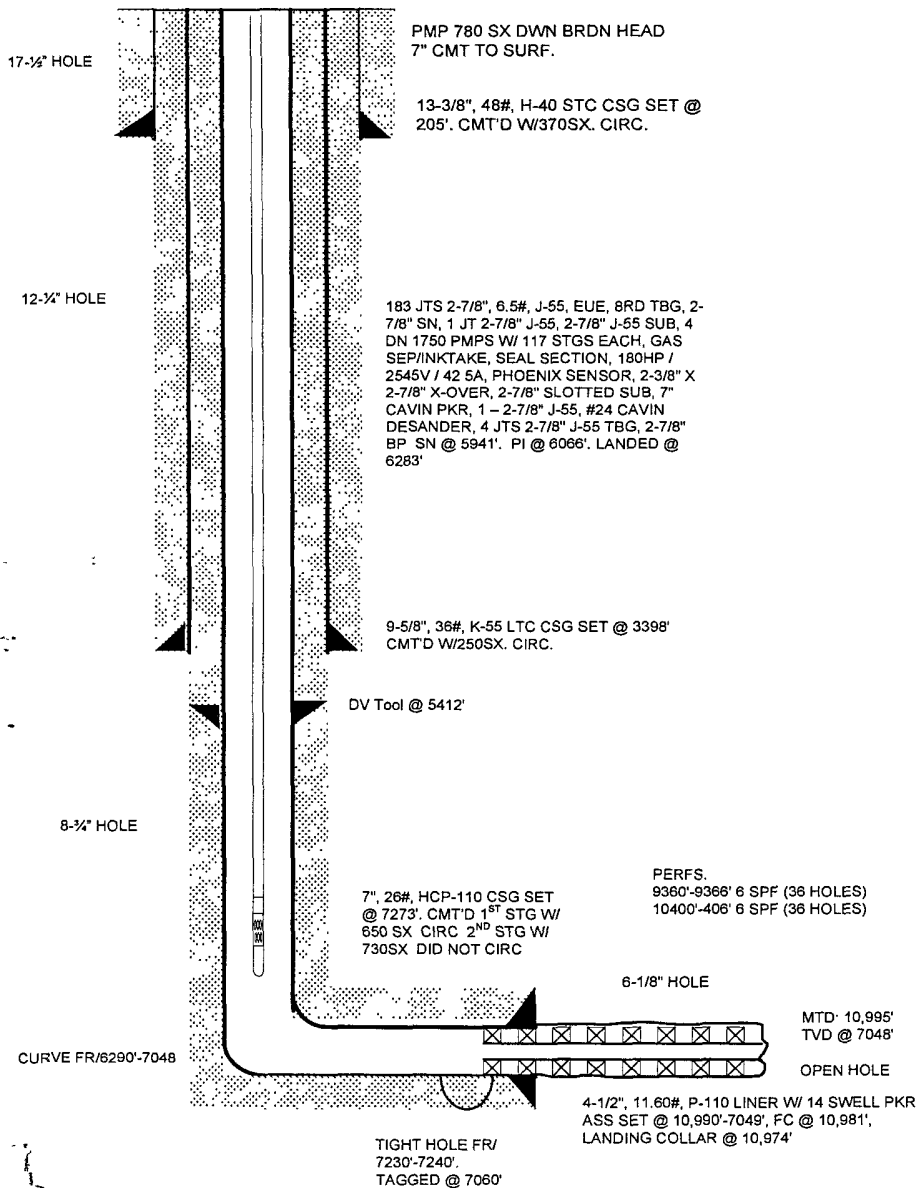


NASH UNIT #042H WELLBORE DIAGRAM

ELEV: GL: 3018'



DATA

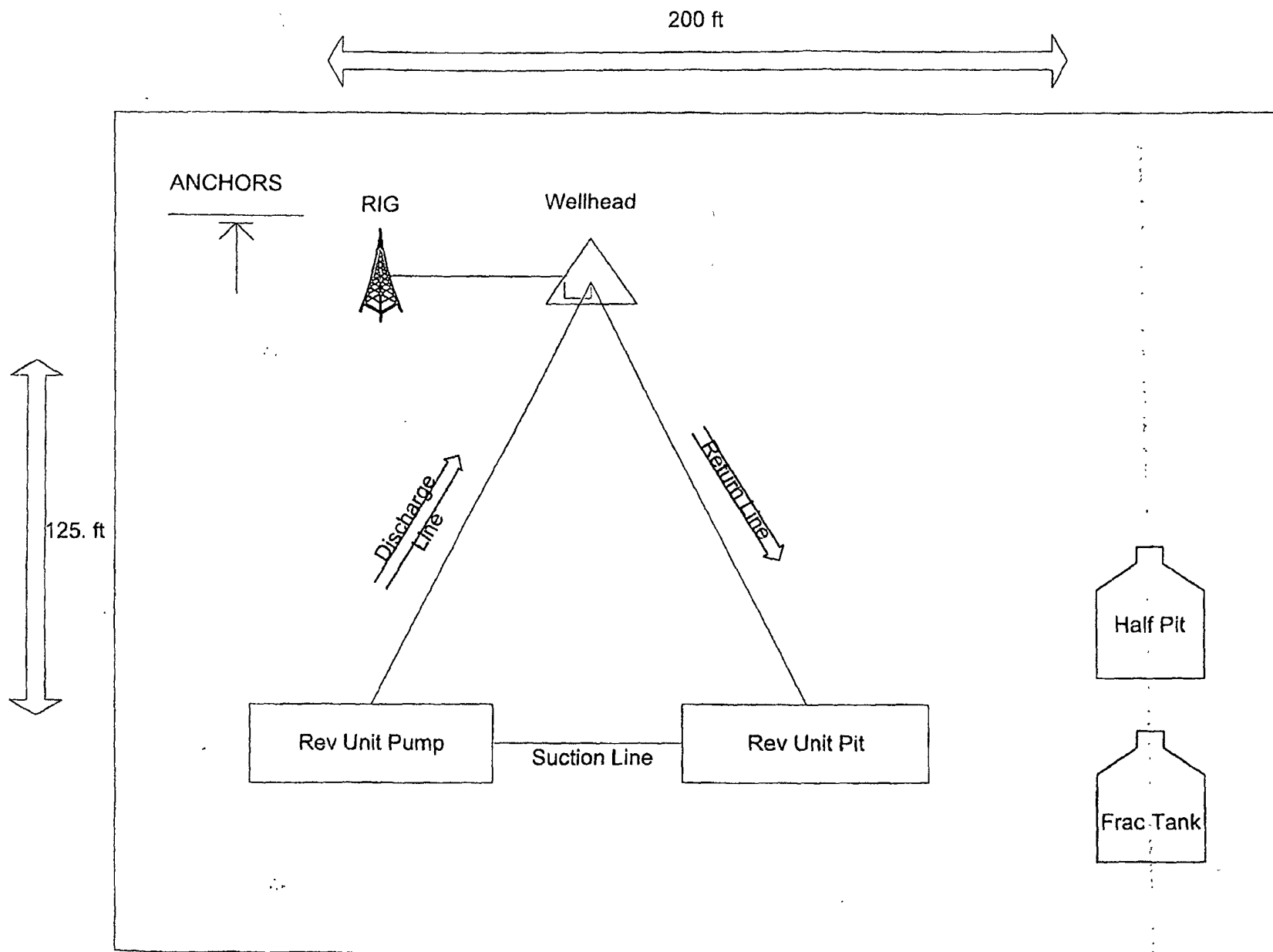
LOCATION: SHL: 2015' FNL & 505' FWL; BHL: 2015' FNL & 360' FEL, SEC 18, T23S, R30E
COUNTY/STATE: EDDY, NM
FIELD: NASH DRAW
FORMATION: BRUSHY CANYON
SPUD DATE: 11/14/09 **COMPLETION DATE:**
API#: 30-015-37194
STATUS: PRODUCER DRILLING
IPP:

WELL HISTORY

COMPLETION DATA:

11/14/09: SPUD. PU 13-3/8", 48#, H-40 STC CSG, SET SHOE @ 205', CMT'D W/370SX CLASS 'C' W/2% CACL. CIRC 112SX TO SURF.
11/19/09: RAN GRN/CAL E LOG. TD @ 3395'. RAN 81 JTS 9-5/8", 36#, K-55 CSG. CMT'D W/250SX CLASS 'C' W 1% CACL. CIRC 535SX TO SURF.
11/24/09: BUILD CURVE FR/6290'-7078'. SLIDING ROP STARTED SLOWING @ 6880'. TIGHT HOLE @ DRILL BRK @ 7230'-40'. TAGGED TIGHT HOLE @ 7060', REAM TO 7273', CIRC, LDDP/DC. RAN 163 JTS 7" HCP110 26# LTC CSG TO 7273', 1ST STG CMT'D W/500SX CORRO H W/0.5% LAP-1, 5 PPS GILSON, 0.1% HR800 (YLD: 1.21, DENS. 14.4) 150SX HALCEM H W/0.5% LAP-1, 0.25% CFR3, 5PPS GILSON, 0.25 D-AIR (1.17 YLD, 15.8 DENS) CIRC 20 SX OFF STG TOOL. CIRC 20SX CMT OFF STG TOOL, NOT GETTING FULL RTNS. ADDED 4SX PAPER, FULL RTNS & 2-3" WTR FLOW. 2^N STG: 580SX ECONO C W/5 PPS SALT (YLD: 1.89 DENS: 12.8) 150 SX HALCEM C (YLD 1.33 DENS: 15.8) GOOD RTNS UNTIL 1/2 WAY THRU DISPL, THEN SLOWLY DROPPED. NOTIFIED TONY W/BLM OF NO CMT TO SURF. RAN CBL. TAGGED STG TL @ 5412', DRL CMT/STG TOOL @ 5412'. DV TOOL @ 5412'-5416', WASH 20' TO 5436'. PU 6-1/8" BIT, RIH W/59 STDTS TO 5600'.
12/02/09: W/O CMT, CMT SQZ SHOE 150SX, BRADEN HEAD SQZ, 580SX "H", 50 SX "C". RIH TO 6074' DRILL RETAINER. DRLD CMT FR/6880'-7273', DRLD FROM FR/7273'-7373'. POOH W/BIT #7.
12/09/09: CIRC & SWEEP HOLE @ TD OF 10,995'. TIH W/REAMING ASSEMBLY. REAMED HOLE FR/7296'-9047'.
12/12/09: SET 86 JTS 4-1/2", 11.60#, P-110LTC CSG LINER, W/ HOWCO SWELL PKR ASSEMBLY.TOP @ 7049', SEAT @ 10,990', FC @ 10,981, LANDING COLLAR @ 10,974'. LD DRILL STRING, N/DWN BOP, CLEANED PITS, RELEASED RIG 12/13/09.
01/11/10: FRAC DELTRA F/ 10,995'-8,732' W/ 900,000# OF 16/30 CRC DWN 4-1/2" TBG @ 7500# AND 40 BPM. DROPPED 8 BALLS F/ 1.75" -3.5" TO OPERATOR DELTRA STIM INITIATOR SLEEVE. FLUSH W. 137 BBLs 2% KCL WTR. FRAC #1. FRAC DELTRA F/ 10,995'-10,816', STD FRAC #2/ FRAC DELTRA F/ 10,816'-10,564', SCREEN OUT ON 5 PPG. AIR 40 BPM @ 3255#. C/O SND F/ 6400' TO 7718'. FLOW WELL BACK. PERF WELL W/ 1-11/16" PERF GUN @ 10,400' -406' W/ 6 SPF (6') 36 HOLES. FRAC DELTRA F/ 10,316'-9,814 W/ 700,000# 16/30 CRC AT 50 BPM @ 7500#, DROPPED 6 BALLS TO OPERATE INITIATOR SLEEVE. FRAC #3 F/ 10,564'-10,316. FRAC #4, FRAC F/ 10,316'-10,043', FRAC #5 F/ 10,043'-9,814'. SCREEN OUT ON 4 PPG. ARI 49.5 BPM @ 4431#. CIRC HOLE CLEAN.
01/30/10: ATTEMPTED TO FRAC DELTRA F/ 10,043'-9814'. PERF 6' @ 9360' - 9366' W/ 6 SPF (36 HOLES). DID NOT DO FRAC #7. F/ 9286'-9750'. FRAC DELTRA F/ 9286'-8732' W/ 200,000# 16/30 CRC 50 BPM @ 7500#, DROP 2 BALLS TO OPERATE SLEEVE. FRAC #8 F. 9005'-9286', FRAC #9 F/ 8732'-9005'. AIR 49.5 BPM @ 2739, ISIP 1018#. D/O DELTRA STIM SLEEVES @ 10,181', 470', 720', & TAG SLEEVE @ 10,925'. CIRC BOTTOMS UP. FLOW WELL BACK.
02/12/10: RIH W/ SUB PMP ON 2-7/8", 6.5#, J55 EUE 8RD, TBG. PI @ 6066'.

*Open Hole 7273'-10,995' (Perfs added within open hole 9360-66' & 10,400-406')



WORKOVER



Closure Report

Solids and Fluids were removed from steel tanks and hauled off by trucking companies and taken to.

Disposal Facility Name: CRI

Disposal Facility Permit Number: NM-01-0006