



STATE OF
COLORADO



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SURFACE CASING & CEMENT RESULTS ON SAVAGE RWF 21-35 PAD NAME RWF 11-35 SEC.35,T6S,R94W 10 ACRE FEE API# 05-045-21848-00 ON CYCLONE RIG 17

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Sat, Sep 7, 2013 at 10:04 AM

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Spud Intermediate or Production

Well Name:	SAVAGE RWF 21-35
Pad Name	RWF 11-35
Legal Description:	Sec.35,T6S,R94W 10 ACRE FEE
COGCC #	96850
API#	05-045-21848-00
QTR/QTR	SENW
Rig Name and Number:	CYCLONE RIG 17
Williams Supervisor	Mike Brunk
Phone number at rig:	970-640-8630

This notice, sent on

SEPTEMBER 7

SURFACE CASING & CEMENT RESULTS

DRILLED 13 1/2" HOLE TO 1170'.

RAN 25 JNTS 32.30# PARAGON H-40 9 5/8" CASING & 1 JNT 36.0# ENERGEX J-55 9 5/8" CASING(FIRST JOINT UNDER WELL HEAD). CASING TOTAL 1124.36'. CASING STRING SET @1152.4' W/ WEATHERFORD GUIDE SHOE. FLOAT COLLAR @ 1106.8'. USED 8 CENTRALIZERS W/ 120' SPACING. MD OF BASE CENTRALIZER @ 1130.4'. MD OF TOP CENTRALIZER @ 63.1'. AND USED 2 TURBOLIZERS. MD OF TOP TURBOLIZER @ 498.6'. MD OF BASE TURBOLIZER @ 892.8'.

PUMPED 20 BBLS H2O SPACER THEN CEMENTED WITH 82.7 BBLS, 160 SACKS, 12.3 PPG, 2.38 YEILD 13.75 GAL/SK H2O VERICEM LEAD. FOLLOWED BY 160 SACKS 12.8 PPG, 2.11 YLD, 11.75 GAL/SK H2O VERICEM TAIL. DISPLACE WITH 87.1 BBLS H2O. BUMPED PLUG @ 20:46 ON 09/06/2013, HAD 250 PSI PRIOR TO BUMPING PLUG & 991 PSI WHEN WE BUMPED PLUG. HELD IT FOR 2 MIN. RELEASED AND FLOAT HELD. HAD 15 BBLS CEMENT RETURNED TO SURFACE. THEN TOPPED OF THE 50' OF CEMENT FALL WITH 15.8 PPG, 1.15YLD, 4.99 GAL/SK H2O.(09/07/2013 M.B.)