

MORNING DRILLING REPORT

Sterling Drilling Company, Rig #4
 Box 1006, Pratt, Kansas 67124-1006
 Office Phone (620) 672-9508, Fax 672-9509

Wellsite Geologist:
Sean Deenihan

Rig #4 Phone Numbers (Dog House)

	IN USE	Tool/pusher
(620) 388-4192	Rig Cellular	Yes Lanny
(620) 388-6995	Geologist Cellular	Yes Saloga
(620) 388-4193	Tool Pusher Cellular	Yes Home Phone
(620) 672-9508 Fax 9509	Sterling Shop Phone/Fax	Yes (620)672-6062

Fax to: Jim Waechter/Chris Gottschalk

# of Pages	1	Fax#	E-Mail out
WELL NAME	Aschenbrenner #1-5		
LOCATION	Nw Se Sw Se		
SEC	5	TWP	29s RNg 13w CO Pratt
Captive Energy, LLC 1658 Cole Blvd., Suite 205 Lakewood, CO 80401			
ELEVATION	G.L.	1945	K.B. 1954 AP# 15-151-22360-0000

Central Kansas Survey & Mapping staked location January 28, 2010. Pratt Oilfield called Digsafe. Built location August 30th, 2010. on Thursday 9/2 Kelly's Water Well drilled a 138' deep water well. Water level at 84', set pump at 130'. **Sterling made spud call on 09/02/10 (Mike Maier).** Curts Trash Service providing trash trailer & portable toilets. Sunrise will deliver 250' of 13-3/8" casing.

Day 1 **Date:** 09/03/10 **Friday** **Spud in at 4:30 pm**
 Moving off Sumner County location at 7 am. Plan to spud this evening.

Day 2 **Date:** 09/04/10 **Saturday** **REDBED at 230'** **Survey at 260' = 1-1/4 degrees**

WOC at 260' at 7:00 am. Drilled 260' in 24 hours.
 Ran 2.00 hours, down 22.00 hours (8.00Move/Rig up, 1.00 Set rathole, 1.25 Jet/Connections, .75 Circulate/Short trip to bit, .75 CCH/Trip out, 3.00 Run/Cement 13-3/8" casing, 6.75 WOC).
 Mud Properties: Spud Mud -Vis 48, Wt. 9.8, LCM 6#; Wt. on Bit 3-12,000, 140 RPM, Pump Pressure 500, SPM 60.
 Surface Bit "A": 17-1/2" RT, made 260' in 2.00 hours. (130 FPH).

Surface Casing:
Spud at 4:30 pm on 09/03/10. Drilled 17-1/2" hole to 260'. Ran 6 joints of new 48#. 13-3/8" casing. Tallied 246.24', set at 257' KB. Cemented with 275 sks 60/40 Poz, 2% Gel, 3% CC & 1/4# CF. Cement did circulate. Plug down at 12:15 am on 09/04/10 by Quality Cementing, ticket # 5073. Welded straps on bottom 3 joints, welded next 2 collars.

Day 3 **Date:** 09/05/10 **Sunday** **BOP Check: BOP held 500# PSI for 10 minutes**

Drilling at 2080' at 7:00 am. Drilled 1820' in 24 hours.
 Ran 15.75 hours, down 8.25 hours (1.50 WOC, .25 Drill plug, .50 Rig check, 6.00 Jet/Connections).
 Mud Properties: Water; Wt. 9.8, Vis 28; WOB 20-35,000, RPM 80-120, Pump PSI 750-900, SPM 60.
 Bit No. 1: New 7-7/8" JZ QX20J, **SNH07918**, (3-15's), in at 260', drilled 1,820' in 15.75 hours **116** < Last 24-ROP- 7-7/8" **116** Cum Mud \$ \$1,432

Day 4 **Date:** 09/06/10 **Monday** **Displaced at 2830'**

Drilling at 3080' at 7:00 am. Drilled 1,000' in 24 hours.
 Ran 19.75 hours, down 4.25 hours (.75 Rig check, 2.50 Jet/connections, 1.00 Displace).
 Mud Properties: Wt. 8.8, Vis. 46, LCM 0#; WOB 35,000, RPM 80-100, Pump Pressure 900, SPM 60.
 Bit No. 1: New 7-7/8" JZ QX20J, **SNH07918**, (3-15's), in at 260', drilled 2,820' in 35.50 hours **51** < Last 24-ROP- 7-7/8" **79** Cum Mud \$ \$3,292

Day 5 **Date:** 09/07/10 **Tuesday**

Drilling at 3845' at 7:00 am. Drilled 765' in 24 hours.
 Ran 21.00 hours, down 3.00 hours (.75 Rig check, 2.25 Jet/Connections).
 Mud Properties: Chemical Mud: Wt. 9.2, Vis. 44, PV/YP 10/15, WL 10.5, pH 10.5, Chl. 2,000, LCM 0#; WOB 35,000, RPM 75-90, Pump PSI 1000, SPM 60.
 Bit No. 1: New 7-7/8" JZ QX20J, **SNH07918**, (3-15's), in at 260', drilled 3,585' in 56. **36** < Last 24-ROP- 7-7/8" **63** Cum Mud \$ \$7,330

Day 6 **Date:** 09/08/10 **Wednesday**

Drilling at 4395' at 7:00 am. Drilled 550' in 24 hours.
 Ran 21.25 hours, down 2.75 hours (.75 Rig check, 2.00 Jet/Conn).
 Mud Properties: Chemical Mud: Wt. 9.2, Vis. 48, PV/YP 12/16, WL 11.2, pH 11.0, Chl. 6,000, LCM 3#; WOB 35,000, 70/80 RPM, **Pump PSI 800/850, SPM 56**.
 Bit No. 1: New 7-7/8" JZ QX20J (3-15's), in at 260', drilled 4,135' in 77.75 hours. **26** < Last 24-ROP- 7-7/8" **53** Cum Mud \$ \$9,917

Day 7 **Date:** 09/09/10 **Thursday** **Bit trip at 4800'. Survey at 4800' = 3/4 degree**

TIH with bit No. 2 at 4800' at 7:00 am. Drilled 405' in 24 hours.
 Ran 15.50 hours, down 8.50 hours (.75 Rig check, 1.50 Jet/Conn, 1.00 CFS at 4800', 1.00 CCH prior to bit trip, 4.25 TOOH).
 Mud Properties: Chemical Mud: Wt. 9.1, Vis. 51, PV/YP 12/18, WL 10.0, pH 9.0, Chl. 5,000, LCM 3#; WOB 35,000, RPM 65-80, **Pump PSI 850, SPM 56**.
 Bit No. 1: New 7-7/8" JZ QX20J (3-15's), in at 260', out at 4800', drilled 4,540' in 93.25 hours **26** < Last 24-ROP- 7-7/8" **49** Cum Mud \$ \$11,700

Day 8 **Date:** 09/10/10 **Friday** **RTD=5000'**

Making short trip prior to trip out for logs at 5000' RTD at 7 am. Drilled 200' in 24 hours.
 Ran 19.25 hours, down 4.75 hours (.50 Trip In Hole, 1.00 CCH after bit trip, .50 Rig check, 1.25 Jet & Connections, 1.00 CFS at 5000', .50 Short trip).
 Mud Properties: Chemical Mud: Wt. 9.4, Vis. 55, PV/YP 13/14, WL 11.2, pH 10.0, Chl. 5,000, LCM 3#; WOB 38-40,000, RPM 65-75, **Pump Pressure 800, SPM 56**.
 Bit No. 2: RR 7-7/8" HTC GT44C, (3-16's), in at 4800', drilled 200' in 19.25 hours. **10** < Last 24-ROP- 7-7/8" **42** Cum Mud \$ \$12,959

Day 9 **Date:** 09/11/10 **Saturday** **RTD=5000', No Survey at 5000'. LTD= 5000'**

Tearing down at 5000' at 7:00 am after plugging. Drilled 0' in 24 hours.
 Ran 0.00 hours, down 24.00 hours (1.25 S-trip, 2.75 Logging, 1.50 WOO, 1.00 BOP, 4.00 Tripping, 4.50 LDDP, 1.00 LD rh/mh, 1.50 Plugging, .75 Jet pits, 5.75 Tear d
 Cum Mud \$ \$13,750

Plugging Data:
Drilled 7-7/8" hole to 5000'. Heavy mud in hole. Did not drill Arbuckle. First plug at 750' w/ 50 sks. 2nd plug at 270' w/ 100 sks, top plug at 60' w/ 40 sks. Plugged RH w/ 30 sks, MH w/20 sks. Cement is 60/40 POZ, 4% Gel & 1/4# Floeal. Plugging complete at 12:30 am on 9/11/10. Quality Cementing ticket #5033. Received plugging orders on 9/9/10 (Mike Maier). Sterling reported to KCC on 9/13/10 (Michelle Pennington).

Water Well Total = 7,000 BBL
 We will put water well on list to be plugged by Kelly's Water Well Service if the landowner doesn't want it.