

MORNING DRILLING REPORT		Fax to: Jesse Middagh	
Sterling Drilling Company, Rig #2		# of Pages 1 Fax# E-mail	
Box 1006, Pratt, Kansas 67124-1006		WELL NAME Sampson SWD Facility "OWWO" #1-19	
Office Phone (620) 672-9508, Fax 672-9509		LOCATION Se Nw Se Nw	
Rig #2 Phone Numbers (Dog House)		SEC 19 TWP 27s RNG 18w CO Kiowa	
IN USE Toolpusher		ELEVATION G.L. 2204.5 K.B. 2215.5 AP# 15-097-21134-00-01	
Rig Cellular	(620) 388-5651	Yes	Uvaldo Martinez
Geologist Cellular	(620) 388-5652	Yes	C (620) 388-1164
		Yes	
		Yes	
		Herman L Loeb LLC	
		P O Box 524	
		Lawrenceville, IL 62439-0524	

Pro-Stake staked location on 09/17/13. Dig-Safe was called. Langfeld leveled location and built earthen pits on 09/26/13. On 09/26/13 Kelly's drilled a 118' deep water well, with a 60' Water Level, set pump at 100'. Curt's Trash Service for toilets and trash trailer. **Sterling made spud call to KCC on 10/01/13 at 8:15 am (Eric).** Rig moved from Meade county so won't spud on move day.

Day 1

Date: 10/01/13 Tuesday

Moving onto location from Meade county. Will set base and rig-up. Then mix mud.

Day 2

Date: 10/02/13 Wednesday Spud at 10:00 am 10/02/13

Mixing mud at 7 am. Drilled 0' in 24 hours.

Ran 0.00 hours, down 24.00 hours - (16.00 Move/Rig up, 8.00 Mix mud)

Existing Surface Casing Data:

Spud washdown at 10:00 pm on 10/02/13. Existing 8-5/8" surface casing set at 519".

Day 3

Date: 10/03/13 Thursday

Waiting on orders at 443' (in old surface pipe) at 7:00 am. Drilled/Washed 443' in 24 hours.

Ran 0.00 hours, down 24.00 hours - (4.25 Drilling cement and washing down, 3.00 Mix mud, 1.50 Tripping, .50 Jet cellar, 6.00 WOC squeeze, 1.00 Wait on cements, 2.75 Nipple up and down BOP, 5.00 WOO).

Washdown Log:

0-14' Open hole

14' - 58' Hard cement (Fluid level standing ~ 12' below GL (assume at least one split/hole there).

58' - 418' Open hole

418' - 443' Soft Cement

443' - Solid cement plug in the surface pipe.

Notes: When washing down the hole at ~ 100', some mud was noticed coming up from the cellar and not all through our flow nipple. Pulled out of the hole to investigate. Found level of fluid was staying at 22' down from KB. Jetted out cellar to see where flow was and also dug down below cement pad in cellar (from initial surface cement). Could not find area of flow behind pipe after digging down below the pad. Called Basic Energy and squeezed 75 sacks through the existing 8-5/8" surface casing. Cement did circulate into the cellar. Waited 6 hrs (cement sample cup was hard) and tripped in. Ran in hole to ~443'. Circulated then attached BOP. Tried to apply a small amount of pressure to the casing to test and it wouldn't hold any pressure at all. Mud flowing into our mousehole this time.

Decision made to plug and abandon the well. Called KCC Dist. #1 (Nathan) - plugging orders: Cement from 443' to cellar with 100+ sacks of 60/40 Poz 4% Gel. Plug Rathole with 30 sx and Mousehole with 20 sx. Basic to be on location between 11 and noon today 10/03/13.

Cum Mud \$?

McClain and Christensen staked replacement SWDW 200' straight west of original washdown.

Jesse using Kolar to file a replacement intent. Eric McClaren with KCC viewed pits and will make sure intent goes on through as he approved pits.

Have Langfeld to build location on 10/04/13 (will use existing water well).

Have Trucks for Saturday 10/05/13 and will spud that day.

Will set ~560' 8-5/8" surface pipe (Smiths) and have it delivered to location, then use a PDC bit from 600' to RTD.

Day 4

Date: 10/04/13 Friday Plugged well in surface casing from 443' to ground level with a continuous plug of cement.

Drywatching till trucks come on Saturday am to move 200' west for replacement well.

Ran 0.00 hours, down 24.00 hours - (1.00 Wait on orders, 1.25 Tripping, .25 Break kelly, .75 Rig up and rig down laydown line, 1.25 Lay down DP/DC, .25 Lay down RH/MH, 5.75 Rig down rotary tools, .75 Nipple down, .50 Plug well, 12.00 Drywatch)

Plugging Information:

Abandoned hole due to surface pipe problems. Received plugging orders from Nathan Willis, Dist #1 on 10/03/13 at 8am. Plugged well with 100 sacks 60/40 Poz, 4% Gel. Single cement plug from 443' to top of the existing surface casing (5' below ground level). Plug down at 1:15 pm on 10/03/13 by Basic Energy, Ticket # 09208. Plugged Rathole with 30 sx and Mousehole with 20 sx 60/40 Poz, 4% Gel.