Andrew White

Petroleum Geologist

Scale 1:240 (5"=100') Imperial Measured Depth Log

Well Name: Spring Valley Ranch #1-14X

Location: 14-14S-41W

License Number: API: 15-199-20420 Region: Wallace Co, KS

Spud Date: 08-20-14 Drilling Completed: 08-28-14

Surface Coordinates: 2542' FNL, 791' FEL

Bottom Hole

Coordinates:

Ground Elevation (ft): 3703 K.B. Elevation (ft): 3714 Logged Interval (ft): 3800 To: 5300 Total Depth (ft): 5300

Formation: Mississippian Type of Drilling Fluid: Chemical

Printed by MUD.LOG from WellSight Systems 1-800-447-1534 www.WellSight.co 1

OPERATOR

Company: White Explorartion, Inc.

Address: 1635 N. Waterfront Pkwy, Suite 100

Wichita, KS 67206

GEOLOGIST

Name: Andrew White

Company: White Exploration, Inc.

Address: 1635 N. Waterfront Pkwy, Suite 100

Wichita, KS 67206

Remarks

Due to Log evalutation and Sample evalution, the decision was made to Plug the Spring Valley Ranch 1-14X

General Info

Drilling Contractor: Murfin Drilling Rig 22

Logs: Nabors

Compensated Density/Neutron, Dual Induction, Micro, Sonic

Drilling Mud: Mudco/Service Mud, Inc.

Surveys: 335'-.75; 432'-1; .2006'-.4; 2760'-.4; 3614'-.5; 3792'-.9; 3957'-.8;4113'-.3,4291'-.8; 5300'-.75

Daily Status

08/19/14: Skid Murfin Rig #22

08/20/14: Running Surface casing, 335', 8 joints of 13-3/8", 340 sacks common cement with 3% CC and 2% gel.

Lost circ @ 370' and 432', total of 190 bbls

08/21/14: Drilling @ 900' 08/22/14: Drilling @ 2845'

08/23/14: Drilling @ 3970', Lost circ @ 4394', lost approx. 250 bbls

08/24/14: Waiting on more fluid,

08/25/14: Drilling @ 4625', have lost approx, 15-20 bbls in last 24 hrs

08/26/14: Drilling @ 4920

08/27/14: Drilling @ 5205, Drilled down to 5300' RTD, Rig up Nabors for log

08/28/14: Plugged with 255 sacks of 60/40 Poz Mix with 4% gel and 1/4# Floseal/sack, 50 scks @ 2835', 100

scks @ 1800', 385 scks @ 50', 10 scks @ 40', 30 scks in Rat, 15 scks in Mouse

Spring Valley Ranch #1-14x 2542' FNL, 791' FEL 14-14S-41W

KB: 3714

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Formation	Sample	Sub-Se	Log	Sub-Sea						
Heebner	4160	-446	4162	-448						
Lansing	4214	-500	4217	-503						
BKC	4570	-856	4584	-870						
Marmaton	4590	-876	4599	-885						
Cherokee	4746	-1032	4746	-1032						
Morrow	4967	-1253	4970	-1256						
Keyes	5106	-1392	5110	-1396						
Mississippi	5206	-1492	5200	-1486						

Cities Service Pearce #1

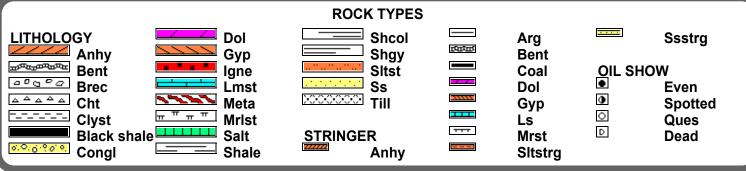
10-14S-41W Structural KB: 3772 Relationship

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Ĭ	Sample	Log
	-59	-61
	-56	-59
	-35	-49
	-32	-41
	-43	-43
	-33	-36
	-80	-84
	-164	-158
		1

Cherokee Operating Frank #1 4950' FSL, 3406' FEL 24-14S-41W

KB: 3733 Structural Relationship

Sample	Log
-28	-30
-25	-28
-10	-24
-19	-28
-35	-35
-20	-23
-5	-9
-12	6



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Curve Track 1 ROP (min/ft) Gamma (API)——-	Depth Porosity Type	Lithology	Olishows	Geological Descriptions	C; C; C;	G (Ur 1 (un 2 (un 3 (un 4 (un 5 (un	its) its) its) its)		T	G, C	1-C5	5	
0 ROP (min/ft 10 0 Gamma (API) 150 0 ROP (min/ct) 10 0 Gamma (API) 150	3800		LS: crm, mcr-	fxln, ool, friable, pyrite, lots of red shale in sample	1 -No (gas C	Detec	1 ctor	use	TG, C	well	100	1000

