

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

Well Name: Chain Ranch "B" #3

Location: 1-31S-12W

License Number: API: 15-007-24238 Region: Barber Co., KS

Spud Date: 10/08/14 Drilling Completed: 10/15/14

Surface Coordinates: 990' FNL, 990' FWL

Bottom Hole

Coordinates:

Ground Elevation (ft): 1638 K.B. Elevation (ft): 1648 Logged Interval (ft): 3000 To: 4480 Total Depth (ft): 4480

Formation: Kinderhook

Type of Drilling Fluid: Chemical

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

OPERATOR

Company: White Exploration, Inc.

Address: 1635 N. Waterfront Suite 100

Wichita, KS 67206

GEOLOGIST

Name: Andrew White

Company: White Exploration, Inc.

Address: 1635 N. Waterfront Suite 100

Wichita, KS 67206

Remarks

Due to shows of oil and gas observed in the Mississippian section, positive structural position, and electric log analysis, it was decided to further test the Chain Ranch 'B' #3 through production casing.

General Info

Drilling Contractor: Pickrell Rig 1

Logs: Pioneer

Compensated Density/Neutron, Dual Induction, Micro, Sonic

Drilling Mud: Mudco/Service Mud, Inc.

Surveys: 310'-1; 814'-1; 1319'-1; 2361'-1; 4480'-1.75

Daily Status

10-08-14: MIRT, spud @ 10 pm, drilled 12-1/4" Surface to 310', ran 7 joints 8-5/8" 24# surface casing and cemented with 200 sacks Class A Cement with 2% gel and 3% CC, set at 308'

10-09-14: Waiting on cement, start drilling at 6:30 pm

10-10-14: Drilling @ 1034'

10-11-14: Drilling @ 1960', made Bit Trip @ 2646'

10-12-14: Drilling @ 2647'

10-13-14: Drilling @ 3764'

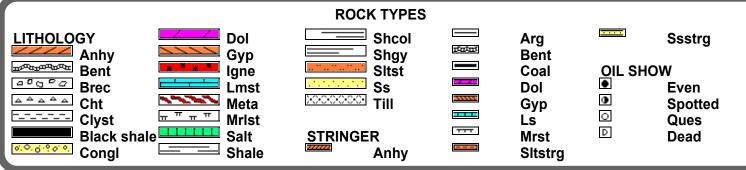
10-14-14: Drilling @ 4320'

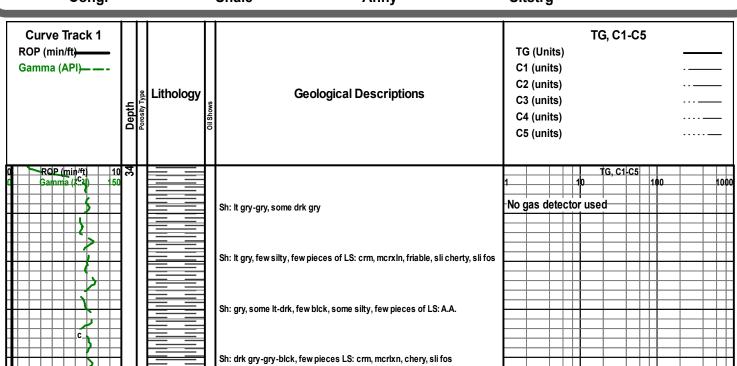
10-15-14: Laying down pipe to run production casing, ran 107 joints new 5-12" S-55 15.5# Production Casing, set @ 4482', pumped 145 sacks ASC cement with 5.5# gypseal/sack, 2% gel, 5# gilsonite/sack, .3% GL-160 and .14# Defoamer/sack, fill Rat hole with 30 sacks and Mouse hole with 20 sacks 60/40 Poz Mix with 4% gel.

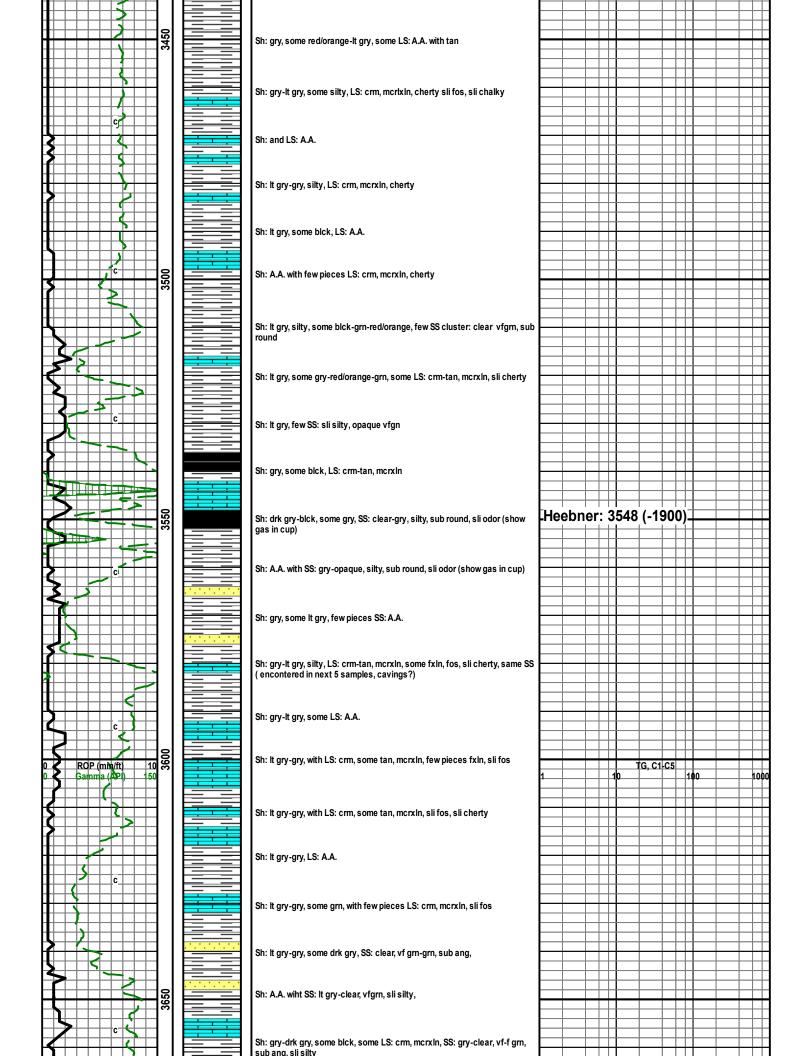
	White Exploration, Inc.							
	Chain Ranch B #3							
	Sec 1-31S-12W							
	990' FNL, 990' FWL							
	KB: 1648							
	Sample	Log	Datum					
Heebner	3548	3550	-1902					
Brown Lime	3753	3753	-2105					
Stark	4096	4100	-2452					
Mississippian	4270	4290	-2642					
Kinderhook	4376	4380	-2732					

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White Exploration, Inc.	:
Chain Ranch B #1	
Sec 1-31S-12W	7
475' FNL, 1916' FWL	
KB: 1655	ì
Relationship	Ī
+3	ś
+5	ģ.
+7	
+15	
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White Exploration, Inc.
Chain Ranch B #2
Sec 1-31S-12W
330' FNL, 330' FWL
KB: 1630
Relationship
-4
-5
-9
-14
-8







	Sh: gry-drk gry, with few pieces LS: A.A. and SS: A.A. Sh: gry-drk gry, some blck, LS: crm-tan, mcrxln, some fxln, sli fos, same								
	Sh: gry-drk gry, some blck, few pieces LS: A.A., SS: It gry vfgrn, silty								
3700	Sh: It gry, some gry, some silty, SS: A.A.								
	SS: gry-clear, some opaque, vf-f grn, sub ang, some LS: crm-tan, mcrxln, sli fos, Sh: It gry Sh with interbedded SS: It gry, silty/vfgrn, some LS: crm-tan, mcrxln, sli fos								
	Sh with interbedded SS: A.A. with few cluster clear, fgrn, sub ang								
3750	Sh: It gry silty, some LS: crm-tan, mcrxln, sli fos Sh: A.A., some drk gry-blck, with LS: crm, mcr-fxln, fos								
	LS: crm-tan, fxln, fos, with Sh: gry, silty	Bro	own	Lin	ne: (3753	(-2	105)	
	LS: crm-tan, mcr-fxln, sli fos, sample had good amount of SS: clear, f gm, sub ang, fair-good sort SS: A.A. few pieces LS: crm-tan, mcr-fxln, sli fos								
	LS: crm-tan, mcrxIn, sli fos, few cluster SS: A.A. with some Sh: drk gry-gry								
0 SOP (min/ft) 10 88 0 Samma (API) 150	LS: crm-tan, mcr-fxln, sli cherty, sli fos LS: tan-crm, mcrxln, some fxln, some Sh: gry-lt gry	1			10	TG, C1	-C5	100	1000
c	LS: crm, mcr-fxln, fos, sli cherty, Sh: gry-drk gry								
	LS: crm, some gry, mcrxln, some fxln, sli cherty, Sh: drk gry-gry LS: crm-tan, some gry, mcr-fxln, sli cherty, sli fos, some Sh: A.A.								
3850	LS: crm-tan, fxln, sli cherty, fos, Sh: drk gry								
	LS: tan-crm, fxln, sli fos, sli cherty, Sh: A.A.								
c	LS: tan, some crm, mcrxin, some fxin LS: tan-brwn, some crm, mcrxin, cherty, Sh: it gry-gry								

