

Burk Trust 'A' #3-23

Operator: Murfin Drilling Company, Inc.
Contractor: Murfin Drilling Company, Inc.
Rig #2

Duck Prospect #3556
1650' FNL 330' FWL
Sec. 23-1S-36W
Rawlins County, Kansas

Contact Person: Scott Robinson
Phone number: 316-267-3241
Well site Geologist: Wes Hansen

Call Depth: 3240'
Spud: 1/18/14 @ 4:15PM
Complete: 1/23/14

API # 15-153-20978-00-00
Casing: 8 5/8" @ 265'
5 1/2" @ 4544'

RTD: 4550'

Elevation: 3243' GL
3254' KB

DAILY INFORMATION:

1/18/14 MIRT

1/19/14 Depth 362'. Cut: 362'. DT: 8hrs WOC. CT: None. Dev.: 1/4° @ 265'. Spud @ 4:15PM 1/18. Ran 6jts=253' of 23# 8 5/8" surf csg, set @ 265'. Allied cmt w/225sxs of Comm, 3%CC. PD @ 10:00PM 1/18. DO @ 6:00AM (30'cmt) 1/19. Circ 6BBLs.

1/20/14 Depth 3411'. Cut 3049'. DT: None. CT: None. Dev.: None.

1/21/14 Depth 4300'. Cut 889'. DT: None. CT: 8 1/2 hrs. Dev.: None. **Oread:** few chips Ls: tan, offwhite med granular w/ gd to exc. interxln & vug. por w/ sat. stn, gd sfo, no odor, sucrosic to druzey IP, occ pyritic. **LKC A:** scatt. tan, lt gray vf-cryptoxln dolomite w/edge por. w/ patchy stn, sfo, no odor; saw trcs Sst lt gray med grnd w/stn, sfo, no odor. **LKC D:** Ls: tan, offwhite, foss. IP w/sptty vug & intra-particle por. w/pp to subsat brn stn, sl sfo, no odor; also had offwhite, cream mic-vfxln w/ pr vis. por w/ spotty black dead stain

1/22/14 RTD: 4550'. Cut 250'. DT: None. CT: 20 1/2 hrs. Dev.: 3/4° @ 4550'. HC @ 11:30AM 1/21. 1st log tagged up @ 1300', TIH & circ & TOOH for log. Pioneer logged 12:15AM to 4:15AM 1/22. LTD: 4552'. Circ to lay down pipe.

1/23/14 RTD: 4550'. CT: 13 1/4 hrs. Ran 110jts of 5 1/2" prod csg, set @ 4544'. Swift cmt w/450sxs (200EA-2, 250SMD). PD @ 4:15PM 1/22. 30sxs RH, 20sxs MH.RR @ 8:15PM 1/22. FINAL REPORT.

MDCI Burk Trust 'A' #3-23 1650' FNL 330' FWL Sec. 23-T1S-R36W 3254' KB							MDCI Burk Trust 'A' #1-23 2225' FNL 330' FWL Sec. 23-T1S-R36W 3225' KB	
Formation	Sample top	Datum	Ref	Log Top	Datum	Ref	Log Top	Datum
Anhydrite	3157	+97	-3	3156	+98	-2	3125	+100
B/Anhydrite	3190	+64	-3	3190	+64	-3	3158	+67
Neva				3638	-384	-2	3607	-382
Red Eagle				3700	-446	-4	3667	-442
Foraker				3748	-494	-3	3716	-491
Topeka				3962	-708	+1	3934	-709
Oread				4072	-818	-1	4042	-817
Lansing				4175	-921	-3	4143	-918
Stark				4395	-1141	-1	4365	-1140
BKC				4444	-1190	Flat	4415	-1190
RTD	4550	-1296					4520	-1295
LTD				4552	-1298		4520	-1295