

Operator: Heiman L. Loeb
Address: P.O. Box 838
Lawrenceville, IL
62439-0838

Thomas G. Pronold
Consulting Petroleum Geologist
2250 No. Rock Road, No. 1181
Wichita, KS 67226
P/316-687-5758 M/316-461-8127
tpronold@sbcglobal.net

Well Name: Coolhand #1-22
Location: 2600' FSL & 1400' FWL Sec. 22 T33S R26W, Meade County, KS
API No.: 15-119-21369
Field Name: Wildcat
Spud Date: 07/22/2014 Drilling Completed: 08/02/2014
Bottom Hole Location: As above
Ground Level: 2275' (After location was built) KB Elevation: 2286'
Logged Interval: 4300' - 7200'
Drilling Fluid Type: Freshwater/Gel to 3100', Chemical/Gel to 7200'

DST #1 Pawnee 5235-5275 15°-45°-30°-60° Initial Open: Strong Blow, B. O. B. 3 minutes, No blow back, Final open: Strong Blow, B. O. B. in 20 seconds, No blow back. Rec. 20° GIP, 90° GOCM (28% C, 28 Cy 70% M), 120' GOCM (56% G, 9% C, 12% W, 23% M) IIP 2465#, IFP 22-44#, ISIP 1845#, FFP 44-95#, FSP 852#, FHP 2571, BHT 121 Deg. F C.I. 24,000 ppm

DST #2 Chester 'C' 5620-5698 15°-45°-30°-60° Initial Open: Fair to strong blow, B. O. B. in 9 minutes, Final open: Strong Blow, B. O. B. in 2-3 seconds, No blow back. Rec. 1390° GIP, 30° GCM (12% G, 88% M), IHP 2735#, IFP 29-33#, ISIP 1058#, FFP 16-24#, FSP 1478#, FHP 2643 BHT 118 Deg. F

DST #3 Spergen 6326-6351 15°-45°-30°-60° Initial Open: Weak Blow, 1/2-2 inches, Final open: Weak Blow, Slow increase to 4 inches, No blow back during either shut-in. Rec. 110° GIP, 10' Mud, IHP 3324#, IFP 18-19#, ISIP 244#, FFP 18-19#, FSP 315#, FHP 315 BHT 131 Deg. F

COMMENTS
07/19/14 KOD set 80' of 20" Conductor at 91' KB. 07/22/14 MIRU Sterling Drilling Rig 2, Spud 12 1/2" Surface Hole at 7:00 PM. To 1370'. 07/23/14 Making short trip at 1370'. 07/24/2014 Drilling 7 7/8" hole at 1350'. 07/25/2014 Drilling at 3315'. 07/26/2014 Drilling ahead at 4866'. 07/27/2014 Rigging up DST #1 at 5275. 07/28/2014 Drilling at 5445'. 07/29/2014 Trip in hole with test tool for DST #2 at 5698. 07/30/2014 Drilling ahead at 6047'. 07/31/2014 Trip in hole with test tool for DST #3 at 6351. 08/01/2014 Trip in hole with new PDC bit at 6374'. 08/02/2014 Drilling ahead at 6968'. 08/03/2014 Logging.

20" Conductor set at 80' (RB). Set new 2 1/2" 8 5/8" surface pipe at 1360' RB with 330 sbs A-Conn; 3# CC, 4# F.S. Tailled with 150 sbs Premium plus 3# CC, 4# F.S.

Surveys: 3/4 deg at 1370', 1 1/4 deg at 5275, 3/4 degree at 5698, 3/4 degree at 7200.

Pipe strap at DST #1. 0.083 Short to board. No correction made to board.

Log tops: Heebner Shale 4343 (-2050), Lansing 'A' 4522 (-2229), Stark Shale 5008 (-2717), Heamaton 5136 (-2843), Pawnee 5252 (-2959), Chester 5712 (-3283), St. Genevieve (5903 (-3610), St. Louis 6156 (-3863), Spergen 6342 (-4049), Viola 6774 (-4483).

After review of Electric Logs, Drillstem Test results and samples description the operator has elected to plug and abandon the Coolhand 1-22.



