



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

Well Name: RETKE #1
 Location: C E/2 SE NE Sec: 16 T1S R24W
 License Number: _____ Region: Norton County, KS
 Spud Date: 11/16/2010 Drilling Completed: 11/21/2010
 Surface Coordinates: Sec 16, T1S, R24W
 2000' FNL 370' FEL
 Bottom Hole Coordinates: _____
 Ground Elevation (ft): 2317 K.B. Elevation (ft): 2322
 Logged Interval (ft): 3050 To: TD Total Depth (ft): 3535
 Formation: _____
 Type of Drilling Fluid: Chemical Mud
 Printed by MUD.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: RyHolland Fielder
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GEOLOGIST

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COMMENTS

Based upon careful examination of rock samples, DST results and e-logs, it is my opinion that production casing should be run.
 It is my opinion that the LKC "H"-zone should be produced from 3334-3339 with 4 shots per foot. The zone could be shot to 3340 but with water in mind I would see if the 3334-3339 interval is economical. I currently do not recommend acidizing.

DSTs

DST #1 3275-3315 30-60-30-60; Hydro: 1574-1545; IFP: 86-94; ISIP: 1055; FFP: 96-118; FSIP: 1058; Rec: 150' mdy wtr; BHT: ; IF: 1 1/4"; ISI: dead; FF: surface; FSI: dead; tool slid 12' tool plugging
 DST #2 3315-3355 30-60-30-60; Hydro: 1622-1579; IFP: 51-212; ISIP: 965; FFP: 229-318; FSIP: 898; Rec: 120' GIP; 188' cgo, 10%g, 90%o; 60'mcgo, 10%g, 70%o, 20%g, 60'mcgo, 5%g, 65%o, 30%g; 310' mdy wtr, 90%w, 10%g; BHT: 92; Grav: 30; RW: .06@72; Chl: 78,000; IF: BOB 3min; ISI: 1/4"; FF: BOB 5min; FSI: 1/2"
 DST #3 3353-3380 30-60-30-30; Hydro: 1662-1620; IFP: 16-17; ISIP: 63; FFP: 18-19; FSIP: 28; Rec: 5' mud; BHT: ; IF: dead in 12min; ISI: dead; FF: dead; FSI: dead
 DST #4 3378-3405 30-60-45-90; Hydro: 1672-1645; IFP: 19-97; ISIP: 1058; FFP: 101-152; FSIP: 992; Rec: 310' mdy wtr; BHT: 91; RW: .15@60F; Chl: 60,000; IF: 14"; ISI: surface dead in 15min; FF: 12"; FSI: surface dead in 10min

FORMATION TOPS

	Log Tops	Sample tops
ANHYDRITE	1832 (+490)	1833 (+489)
BAES ANHY.	1856 (+466)	1857 (+465)
TOPEKA	3070 (-748)	3070 (-748)
OREAD	3173 (-851)	3170 (-848)
HEEBNER	3190 (-868)	3190 (-868)
LANSING	3232 (-910)	3230 (-908)
MUNCIE CREEK	3316 (-994)	3318 (-996)
BKC	3430 (-1108)	3430 (-1108)
BASAL PENN SAND	3476 (-1154)	3475 (-1153)
GRANITE WASH	3490 (-1168)	3490 (-1168)
WEATHERED GRANITE		3512 (-1190)
GRANITE		3520 (-1198)
TD	3535 (-1213)	3535 (-1213)

ROCK TYPES

Anhy	Clyst	Gyp	Mrlst	Shgy
Bent	Carb. shale	Igne	Salt	Slst
Brec	Arkose	Lmst	Shale	Ss
Cht	Dol	Meta	Shcol	Till

OTHER SYMBOLS

OIL SHOW Even	Spotted Ques	Dead	INTERVAL Dst
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