

DEC 19 2013

Russell #4E - CH/DK

Sec 25, T28N, R8W
API: 30-045-252615873' GL
5885' KB**Well History****SPUD.** Completed 8/31/82 as DK producer. Land tbg @ 6719'.

9/22/03: WL tag fill @ 6820'wlm, broach to S.N. @ 6674'wlm, set plunger stop @ 6663'.

9/3/08: **WO. Chacra Pay-Add.** POOH w/ tbg (had slimhole couplings), set RBP w/ BH pressure bombs underneath @ 4000', set pkr @ 3000', found hole in csg (between 3033'-3090'). Run USIT log 6/18/08, est. TOC @ 675' in 7" csg, run USIT in both 7" and 4-1/2" csg. Run temperature log, 136 deg @ RBP, 126 deg @ 3300'. Perf & frac Chacra formation (4spf, frac'd down 2-7/8" frac string w/ slimhole collars). Hooked up 2" hose to bradenhead and put 1" water in rig pit, caught water sample for analysis. Jetted well w/ air @ 1000', well started flowing back water & sand. DO/CO to 6843'. Land tbg @ 6760'.

10/29/10: Replaced production pit.

est. TOC @ surface (circ)

12-1/4" Hole

9-5/8" 36# K55 ST&C @ 295'

265 sxs cls B cmt

est TOC @ 700' (temp surv)

(@ 675' by USIT log run 6/18/08)

DV tool @ 1813'

2nd stage: 235 sxs cls B cmt

est. TOC unknown

4-1/2" liner hanger @ 2949'

7" 23# K55 ST&C @ 3101' (8-3/4" OH)

1st stage: 170 sxs cls B cmt

est. TOC @ TOL (reversed 5 bbls)

Found hole in csg between 3033'-3090' during recompletion work.

Chacra perforations

3310'-3458' gross (4spf, 176 shots), frac'd w/ 168,460# snd & 45Q N2 foam

Tubing: 2-3/8", 4.7#, J-55 @ 6760'**Nipple Data**

Plunger stop @ 6731'wlm 9/3/08

X-nipple @ 6749'

F-nipple @ 6754'

Check valve @ 6757'

EOT @ 6760'**Dakota Perforations**

6624'-36', 6705'-09', 6739'-44',

6766'-70', 6788'-90', 6796'-98'

2 SPF (29', 58 holes)

pre frac: 1200 gal 15% HCL with balls

frac'd: 70,000gal 30# XL gel w/ 146,000# 20/40

4-1/2" liner 10.5# K55 ST&C @ 2949'-6872'

6-1/4" Hole

400 sxs cmt

PBTD: 6843'

TD: 6872'

updated: 7/2/13 JJvW