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Well B No. 9

Pg 2

Establish circulation & clean out scale from 7496'-7604', POOH.
G1H establish circulation & clean out metal & rubber from
7630'-7034', scale from 7034'-7037'. Cement retained from
7037'-7040' & hard cement from 7040'-7048'. Circulate clean.
POOH. Drill out hard cement for a couple days. G1H w/ 7"
inflatable pkr & 198 lbs 2 7/8" Hbg. MURR B5 Titan. Set pkr
at 6350' & maintain pressure on csq w/ reverse unit. Establish
pump in rate 2 BPM at 2000#. Pump 500 gals 15% HCL & increase
rate to 3 BPM at 700#. Cement plugs 6428'-7055' w/ 300 sxs class
"H" w/ 5% fluid loss. Pressure up to 2500# and hold for 1 hr.
Release pkr & POOH w/ Hbg & pkr. G1H w/ Halliburton 7" retained.
Set retained at 4489'. Pressure up backside to 500# & establish
pump in rate of 4 1/2 BPM at 750 psi. Cement alignment tool
w/ 175 sxs class "H" neat & 25 sxs class "H" w/ 2% CaCl₂. After
pumping 200 sxs cement develop communications. Pumping 9 BPM
at 600# when leak developed. Unable to reverse. Displace
cement w/ 25 bbl water & drop bar to seal retained. POOH.
G1H w/ 6 1/2" mill, 6-5/8" DC & 2 7/8" Hbg. Tag up solid at 4313'.
Pump down csq. Wouldn't pressure up. Set pump-in rate 3 BPM
at 300#. POOH. G1H w/ Arrow 232 stemless pkr & 134 lbs 2 7/8" Hbg.
Casing leak between 3980' & 4313', very small leak at 4204'. POOH
w/ 40' pkr. G1H w/ 7" cement retained & 129 lbs 2 7/8" Hbg. Set
retained at 4077'. RL Western to cement squeeze csq w/ 100 sxs
class cement w/ 1/2 % fluid loss additives. Pump-in rate

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3 BPM at 400 psi. Displace Hg w/ 24 bbls wtr. Unlatch
Jum retainer & POOH. G1H & start drilling cement at 4062'.
Tag retainer at 4077' & start drilling retained. Drill up
retainer & start on cement. Drilled cement to 7050' &
dropped out of cement. G1H to 6690' & CO to 7714'. Circ
clean & POOH w/ 230 sts 2 1/8" workstring, DC & bit. RU to
Log w/ gamma ray tool. RD. G1H w/ 7" csq scraper & Hg.
RU to acid clean Hg. Pump 50 bbls 50/50 mix Xylene
& 15% HCL-NE-FE acid, pump 10 bbls completion fluid
w/ 1 1/2 bbl HEC polymer & 1 ppq blast sand. Pump 10 bbls
completion fluid w/ 3 1/2 bbl HEC polymer. Disp w/ 45 bbls
completion fluid. Reverse circ 2 bottoms up. Pull up to
7709' & spot 1 bbl acid & disp w/ 44 bbls completion fluid.
POOH w/ scraper & Hg. RU to perf. Perf 7700'-7710'
w/ 4 ss pf, POOH. G1H w/ 7" pka & Hg. Set pka at 7650'.
Acidize Strawn 7700'-7710' w/ 500 gals 15% HCL-NE-FE acid.
Dropping 15- 7/8" ballsealers every 100 gals pmpd. total 75 ballsealers.
Flush w/ 45 BW. Re-acidize w/ 500 gals 15% HCL-NE-FE acid
dropping 8- 7/8" ballsealers every 100 gals pumped total 40 ball-
sealers. Flush w/ 45 BW. Seal well. Release pka. POOH w/
Workstring & pka. G1H w/ 1 1/2" SOPMA, SN, Hg & 7' Hg anchor.
Hydrant Hg to 8000'. Land Hg anchor at 7486' & SN at 7673'.
Bottom MA at 7694'. Run producing equipment & place on test.

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