

DAILY DRILLING REPORT

NORTH VACUUM ABO UNIT #153

NORTH VACUUM ABO UNIT #153, North Vacuum Abo Fld, Lea Co, NM.
OBJECTIVE: Squeeze, perforate, clean out, and convert to WIW.

3/28/73 8700 TD.

MI&RU DA&S Well Serv DD unit, bled well down, inst'l BOP,
unload and rack 2-3/8 tbg work string, then PU and ran 5½ cmt
ret on 2-3/8 tbg to 8550, SD for nite.

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Set Howco 5½ ret @ 8550, circ hole to fr wtr, tested tbg
5800#/ok, pumped thru ret, communicated around ret, Schl
checked depth ret, found ret @ 8540, log meas, then Howco
cmt thru ret w/ 100x Class C .3 of 1½ Halad 9, Max Press
2000, job compl 2:15 p.m. 3/28/73, POH w/ tbg, SD for nite.

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Ran 4-3/4 bit & 5½ csg scraper on 2-3/8 tbg to 7780, RU
L & M rev unit and drill cmt 7780-8232/7 hrs, SD for nite,
cont to DO.

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DO cmt 8232-8550/5 hrs, circ hole clean, Runco spotted 500
gals 15% NE acid on bottom, POH, then Schl ran GR-Collar
log 8535-8000, then perf 5½ csg in Abo @ 8455; 56; 57; 58; 59;
63; 64; 65; 66; 75; 76; 77; 78; 79; 82; 83; 8504; 05; 06; 07;
08; 17; 18; 19; 20; 24; 25; 26; 27; 8528 - 1 JSPF, 30 holes,
SD for nite.

Ran Baker 5½ Model R pkr on 2-3/8 tbg set @ 8395, Runco treated
Abo perfs 8455-8528 w/ 800 gals Xylene + 200 gals 15% acid
containing 2 gals of Adafoam, pumped 800 gals of solution into
perfs, TP 0-1000, AIR 1.8 BPM, ISIP 300, 5 min on vac, job compl
10:00 a.m. 3/31/73, SI 24 hrs, then S 49 BLW/7½ hrs, L hr sw ½
bbl, S/O 80% oil, 100' FIH, SD for nite. - 13 BLW.

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SI 13½ hrs, 1400' FIH, S 10 BLW/1½ hrs, 300' FIH, Runco acidized
Abo perfs 8455-8528 w/ 5000 gals 15% NE iron stabilized acid,
used 80 RCNBS flushed & overflushed w/ 15,000 gals fr wtr
treated w/ 2 gals/1000 gals Adomal, TTP 2600-4000, AIR 3.0 BPM,
ISIP 2900, 15 min 2300, job compl @ 12:20 p.m. 4/2/73, P & LD
work tbg, set pkr @ 100', SD for nite, prep to change out well
heads.

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Cut off bell nipple, inst'l bottom part of wellhead, now
running 2-3/8 inj tbg & pkr, 189 jts in hole, testing to
7000# while running.

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Finish running 2-3/8 Buttress tbg, total of 273 jts, tested to 7000# while running bottom up 2-3/8 x 5' flow tube 8405-8410, Type F, SN @ 8404-05, 2-3/8 x 6' sub 8398-8404, 3 1/2 OD x 6' mill out extension 8392-8398, Baker 5 1/2 OD Model N pkr set @ 8389 w/ 4000# wt, loaded csg w/ fr wtr treated w/ Cortron 2207, remove BOP, RD, Rel unit & Rel well to Prod @ 12:00 noon 4/4/73 - ready for inj.

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4/6/73 DROP FROM RPT until inj started.