

DAILY DRILLING REPORT

ETTER COM #1

ETTER COM #1

1980' FS&WL Sec 33, T225. R27E, South Carlsbad Fld.

Eddy Co, New Mexico

- 2/14/74 55 dlg gravel, 17½ hole, ND Sp. Mud
Marcuum Dlg Co spudded 17½ hole @ 4am MDT 2-14-74
- ETTER COM #1
- 2/15 (1) 378, WOC 13-3/8 surface csg, Red Bed & sd, 17½ hole,
½ @ 378, ran 12 jts 13-3/8 H-40 48# 8RT csg cem by Howco
@ 378 w 400 sx class C 2% CaCl2 PD @ 4:30 am MDT, 2/14/74
cem circ, WOC.
- ETTER COM #1
- 2/16 (2) 570, Dlg sd & anhy, 12½ hole, NND Br Wtr.
WOC a total 18 hrs, tested csg & BOP 1000# 30 min, OK.
- 2/17 (4) 1766, Dlg anhy, 12½ hole, 1½ @ 1727 Br Wtr.
& 18
- 2/19 (5) 2310 Dlg lm & sd, 12½ hole, 3/4 @ 2019 Br Wtr.
- ETTER COM #1
- 2/20 (6) 2995 dlg lm & sd, 12½ hole, 1½ @ 2610. Br wtr.
- ETTER COM #1
- 2/21 (7) 3757 dlg lm, 12½ hole, 1 @ 3316. Br wtr.
- ETTER COM #1
- 2/22 (8) 4325 dlg lm, 12½ hole, ½ @ 4175 Br wtr.
- ETTER COM #1
- 2/23 (9) 4559 dlg lm, 12½ hole, NND. Br wtr.
- 2/24 (10) 4958 ND lm, 12½ hole, NND Br wtr.
twisted off left 12½" bit & 7 DCs in hole, now going in
with overshot.
- 2/25 (11) 5300 dlg lm, 12½ hole, NND Br wtr.
fish & rec bit & 7 DCs in 9 hrs.
- ETTER COM #1
- 2/26 (12) 5550, ND lm, 12½ hole, 3/4 @ 5550 Br wtr.
circulate 2 hrs, POH, prep to run 9-5/8" coring.
- ETTER COM #1
- 2/27 (13) 5550 ND lm, WOC, 9-5/8" csg, ran 126 jts 5550',
9-5/8" OD 40# S95 8rd LT&C csg, Howco cemented csg on
bottom w 2750 sx TILW cement containing ¼# Flacele
per sx + 200 sx Class C neet cement, all cement contained
.05% Halad 9 per sx, PD @ 4:00 pm, 2/26/74, cement
circulated, now nipping up & inst BOPs.

ETTER COM #1
 2/28 (14) 5711 dlg 1m, 8½ hole, NND Fr wtr.
 WOC total 29½ hrs, test BOPs 5000#, OK, test 9-5/8"
 csg 2000# 30 min, OK.

ETTER COM #1
 3/1 (15) 5980 dlg 1m, 8½ hole, 2¼ @ 5966 Fr wtr.

ETTER COM #1
 3/2 (16) 6308 dlg 1m, 8½ hole, 2 @ 6203 Fr wtr.

3/4 (18) 7071 dlg 1m, 8½ hole, 1-3/4 @ 6815 Fr wtr.

ETTER COM #1
 3/5 (19) 7376 drlg 1m, 8½ hole, 3/4 @ 7282. Fr Wtr.

ETTER COM #1
 3/6 (20) 7804 drlg 1m, 8½ hole, NND. Fr Wtr.

ETTER COM #1
 3/7 (21) 8310 drlg 1m, 8½ hole, ½ @ 7800. Fr Wtr.

ETTER COM #1
 3/8 (22) 8572 drlg 1m, 8½ hole, 1¼ @ 8570. Fr Wtr.

ETTER COM #1
 3/9 (23) 8975 drlg 1m & sh, 8½" hole, NND. Br Wtr.

3/10 (24) 9328 drlg 1m & sh, 8½" hole, 1° @ 9060. Br Wtr.

3/11 (25) 9797 drlg 1m & sh, 8½" hole, 2° @ 9535. Br Wtr.

ETTER COM #1
 3/12 (26) 10,040 drlg 1m, 8½" hole, 3½ @ 10,037. Br Wtr.

ETTER COM #1
 3/13 (27) 10,277 drlg 1m, 8½" hole, 6¼ @ 10,246. Br Wtr.

ETTER COM #1
 3/14 (28) 10,344 drlg 1m, 8½" hole, 6° @ 10,306. Br Wtr.

ETTER COM #1
 3/15 (29) 10,397 drlg 1m & sh, 8½" hole, 6¼ @ 10,361. Br Wtr.

ETTER COM #1
 3/16 (30) 10,460 drlg 1m & sh, 8½" hole, 6½ @ 10,424. Br Wtr.

3/18 (32) 10,800 drlg 1m, 8½" hole, 5-3/4 @ 10,549, Br Wtr.
 4-3/4 @ 10,683.

ETTER COM #1
 3/19 (33) 11,086 drlg 1m, 8½" hole, 3-3/4 @ 10,798. Br Wtr.

ETTER COM #1
 3/20 (34) 11,385 drlg 1m, 8½" hole, 3/4 @ 11,109. Br Wtr.

ETTER COM #1
 3/21 (35) 11,610 drlg 1m & sh, 8½" hole, NND. 10.0-35-8.0.

ETTER COM #1
 3/22 (36) 11,794 drlg 1m & sh, 8-1/2" hole, 2° 11,718.
 10.0-35-7.5.

- ETTER COM #1
 3/23 (37) 11,983 drlg lm & sh, 8-1/2" hole, NND. 10.0-36-6.5.
- 3/25 (39) 12,200 TD lm & sh, 8-1/2" hole, NND. 9.9-36-6.5.
 Circ past 2-1/2 hrs to run OH logs.
- ETTER COM #1
 3/26 12,200 TD, lm & sh 8-1/2" hole, 2^o 12,200. 9.9-35-6.5.
 POH, Dresser-Atlas ran BHC Density Neutron, Dual
 Laterolog log & Microlaterolog logs to 12,200' in
 17-1/2 hrs, now going in hole to cone to run 7" liner.
- ETTER COM #1
 3/27 12,200 TD, cementing 7" liner, finish running bit to
 12,200', circ 2 hrs, POH, ran 6817' 7" OD, 29.0#, 26.0#,
 23.0# S95 8rd ST&C & LT&C liner on BOT Type C lnr hanger
 to 12,198' top of liner @ 5381', now cementing liner.
- ETTER COM #1
 3/28 12,200 TD, WOC 7" lnr, Howco cemented 7" lnr w/1100 sx
 TILW cement containing .05% Halad 9 + 1/4# flocele/sx
 + 250 sx Class E cement, lost 100% circ on last 107
 bbls of displacement, PP 5000# lacking 103 bbls of
 displacement, job complete @ 7:15 AM 3/27/74. POH w/
 DP & lnr setting tool, ran 8-3/4" bit to top of lnr,
 POH, ran 9-5/8" RTTS pkr on DP set @ 5200', Howco
 squeezed over top of lnr w/250 sx Class C cmt, DPP 800#,
 displaced cmt 7 bbls below pkr, job complete @ 8:45 PM,
 3/27/74, WOC 3 hrs, POH, prep to drill cmt off top of
 lnr.
- ETTER COM #1
 3/29 12,200 TD, drill cmt in 9-5/8" csg from 5286-5381 top of
 7" lnr, displaced hole w/fr wtr, test csg & top of lnr w/
 2000#, OK, P&LD DP, rig down, rel Marcum Drlg Co rig @
 2:00 AM, 3/29/74, prep to MO rig.
- ETTER COM #1
 3/30 12,200 TD, prep to move out rig.
- 4/1 12,200 TD, MO rig, hold for completion.
- ETTER COM #1
 4/2 12,200 TD, hold for completion.
- ETTER COM #1
 4/3 12,200 TD, hold for completion.
- ETTER COM #1
 4/4 12,200 TD, hold for completion.
- ETTER COM #1
 4/5 12,200 TD, hold for completion.

ETTER COM #1, 12,200 TD.
4/6 Hold for compl.
4/8 Hold for compl.
ETTER COM #1, 12,200 TD.
4/9 Hold for compl.
ETTER COM #1, 12,200 TD
4/10 Hold for compl.
ETTER COM #1, 12,200 TD.
4/11 Hold for compl.
ETTER COM #1, 12,200 TD.
4/12 Hold for compl.
4/15 Hold for compl.
ETTER COM #1, 12,200 TD.
4/16 Hold for compl.
ETTER COM #1, 12,200 TD.
4/17 Hold for compl.
ETTER COM #1, 12,200 TD.
4/18 Hold for compl.
ETTER COM #1, 12,200 TD.
4/19 Hold for compl.
ETTER COM #1, 12,200 TD.
4/22 Hold for compl.
ETTER COM #1, 12,200 TD.
4/23 Hold for compl.
ETTER COM #1, 12,200 TD.
4/24 Hold for compl.
ETTER COM #1, 12,200 TD.
4/25 Hold for compl.
ETTER COM #1, 12,200 TD.
4/26 Hold for compl.
ETTER COM #1, 12,200 TD.
4/29 Hold for compl.
ETTER COM #1, 12,200 TD.
4/30 Hold for compl.
ETTER COM #1, 12,200 TD.
5/1 Hold for compl.
ETTER COM #1, 12,200 TD.
5/2 Hold for compl.
ETTER COM #1, 12,200 TD.
5/3 Hold for compl.
ETTER COM #1, 12,200 TD.
5/6 Hold for compl.
ETTER COM #1, 12,200 TD.
5/7 Hold for compl.

ETTER COM #1, 12,200 TD.
5/8 Hold for compl.

ETTER COM #1, 12,200 TD.
5/9 Hold for compl.

ETTER COM #1, 12,200 TD.
5/10 Hold for compl.

ETTER COM #1, 12,200 TD.
5/11 Hold for compl.

5/13 Hold for compl.

ETTER COM #1, 12,200 TD.
5/14 Hold for compl.

ETTER COM #1, 12,200 TD.
5/15 Hold for compl.

ETTER COM #1, 12,200 TD.
5/16 Hold for compl.

ETTER COM #1, 12,200 TD.
5/17 Hold for compl.

ETTER COM #1, 12,200 TD.
5/18 Hold for compl.

5/20 Prep to MI unit to compl.

ETTER COM #1, 12,200 TD.
5/21 MIRU X-Pert Well Serv unit 5/20/74, inst'l BOP, SDFN.

ETTER COM #1, 12,200 TD.
5/22 Ran 6-1/8 Walker McDonald bladed bit on 7" csg scraper,
6 - 4-1/8 DC's & 2-3/8 tbgs, tag cmt in top of liner @
5389, drill cmt to 5415, ran bit to 5700, SDFN.

ETTER COM #1, 12,200 TD.
5/23 Ran bit to 8700, tag top of cmt, stuck DC's worked & pumped
loose in 4 hrs, pull bit to 8550, clean out to 8700, SDFN.

ETTER COM #1, 12,200 TD.
5/24 Drill cmt in 7" liner from 8700 to 9326/11 hrs, SD for nite.

ETTER COM #1, 12,200 TD.
5/25 Drill cement in 7" liner from 9326-9575 in 9 hrs, circ
clean, POH w/60 jts of tbgs, SD for nite.

5/27 12,200 TD.
Finish POH, correction on depth 9517 not 9575 as reported,
ran new Walker McDonald bit on 12 4-1/8" DC's, drill cmt
from 9517 to 9846 in total of 14 hrs, prep to pull bit, SD
for nite.

5/28 12,200 TD.
Finish POH, found junk in bit, ran HTC OWV rock bit on 12
4-1/8" DC's & 2-3/8 tbgs, drill cmt 9846 to 10,004 in 2-1/2
hrs, SD for nite.

ETTER COM #1, 12,200 TD.

5/29 Drill cmt in 7" liner from 10,004 to 10,457, SD for nite.

ETTER COM #1, 12,200 TD.

5/30 Drill cmt in 7" lnr from 10,457 to 11,307 10 hrs, circ clean, SD for nite.

ETTER COM #1, 12,200 TD.

5/31 Drill cmt in 7" liner from 11,307 to 12,000 in 7 hrs, circ clean, SD for nite.

ETTER COM #1, 12,200 TD.

6/1 Displ hole w/ CaCl wtr, POH, Schl ran GR-Collar-Corr log from 10,500-11,994, then perf 7" liner in the Morrow @ 11,938-11,950 w/ 2 JSPF, total of 25 holes, Schl ran & set Baker 7" Model D pkr @ 11,915, SDFN.

6/3 Ran 2-3/8 tbg to 11,935 PSI F nipple w/ 1.81 ID @ 11,926, Baker latch-in seal assembly @ 11,915, Baker ER recpt w/ 1.87 ID @ 11,901, tested tbg to 5000# while running unlatch from recpt, displ CaCl wtr w/ 9.0# TSW, latched back onto recpt, landed tbg w/ 15,000# T, inst'l tree, SDFN & Sunday.

ETTER COM #1, 12,200 TD.

6/4 Sw tbg dry from surf to 10,000/10 hrs, no sh of gas, SDFN, SI 12 hrs TP 10, prep to acidize.

ETTER COM #1, 12,200 TD.

6/5 S 1/2 BLW/4 hrs, sw from 10,000, Western Co attempted to acidize perfs 11,938-11,950 w/ 2500 gals 7½% MS acid, pumped acid to within 10 bbls of perfs, TP 0-9000, held 9000# for 5 hrs, unable to pump acid in, bled press to 5000#, SDFN, prep to unload tbg w/ N2.

ETTER COM #1, 12,200 TD.

6/6 SI 16 hrs TP 4700, Western Co press up to 9000#, unable to pump in perfs, bled off press, RU Nowasco ran endless tbg to 11,987, blew tbg dry, blew dry/2 hrs, then spotted 2 bbls acid on bottom, Western Co acidized perfs 11,938-950 w/ 2500 gals 7½% MS acid, used 10 RCNBS, TTP 7600-8700, AIR 8.7 BPM, ISIP 4650, 5 min 3900, job compl 4:30 pm 6/5/74, fl to pits 2 hrs & died, then sw to pits 7 hrs, 9900' FIH to 3400' FIH, cont to sw test.

ETTER COM #1, 12,200 TD.

6/7 Sw to pits 12 hrs, FL 8500-7000-8500, rec LW w/ st blow of gas, SDFN.

ETTER COM #1, 12,200 TD.

6/8 SI 12 hrs TP 500, bled off press, ran sw 5900' FIH, Sw to pits 12 hrs, 3900' FIH, sw wtr, SDFN, prep to check wtr samples.

6/10 SI 12 hrs TP 350, bled off press, ran sw, 5300' FIH, sw to pits 1 hr, then sw to tank 11 hrs, sw 55 bbls wtr, 3900' FIH, sl sh of gas w/ sw, SI & SDFN & Sunday, wtr sample caught 6/7/74, indicated form & acid wtr, caught wtr sample @ 5 pm 6/8/74 indicated form & acid wtr.

- ETTER COM #1, 12,200 TD.
- 6/11 SI 38 hrs TP 2100, bled off press, sw 41 BW/7½ hrs, 3800' FIH, Schl ran BHC-GR log thru tbg to 11,935, indicated perf in zone being tested, SDFN.
- ETTER COM #1, 12, 200 TD.
- 6/12 SI 13 hrs TP 20, S 24 BW/5 hrs, 4800' FIH, loaded tbg w/ SW, remove tree, inst'l BOP, unlatch seal assembly from pkr @ 11,915, POH, SDFN.
- ETTER COM #1, 12,200 TD.
- 6/13 Schl ran & set Baker DR plug in Model D pkr @ 11,915 capped w/ 12' of cmt, ran 2-3/8 tbg OE to 11,903, Howco displ hole w/ CaCl wtr, POH w/ 96 jts of tbg, SDFN.
- ETTER COM #1, 12,200 TD.
- 6/14 Finish POH, Schl perf 7" liner in the Morrow @ 11,674-11,688 w/ 2 JSPF, total 29 holes, then set Baker 7" Model D pkr @ 11,650, ran 2-3/8 tbg OE to 11,670, PSI F nipple w/ 1.81 ID @ 11,662, latch in seal assembly @ 11,650, Baker ER recpt w/ 1.87 ID @ 11,636, unlatch from recpt, displ CaCl wtr w/ 9.5# SW, latch back onto recpt, land tbg w/ 18,000# T, inst'l tree, SDFN.
- ETTER COM #1, 12,200 TD.
- 6/15 Sw tbg dry to 9800' 9 hrs SI 13 hrs, TP zero, cont to swab test.
- 6/17 SI 13 hrs, TP zero, swab tbg dry from 9800 to 10,500 4 hrs sw dry from 10,500 2 hrs, SD for nite & Sunday, SI 37 hrs, TP zero.
- ETTER COM #1, 12,200 TD.
- 6/18 Swab no fluid in 10-1/2 hrs, fluid level @ 10,500, swabbing from SN, SD for nite.
- ETTER COM #1, 12,200 TD.
- 6/19 RD, rel unit @ 12 noon 6/18/74, WO Newsco endless tbg to unload well.
- ETTER COM #1, 12,200 TD.
- 6/20 WO Newsco to unload well.
- ETTER COM #1, 12,200 TD.
- 6/21 Prep to rig up Newsco.
- ETTER COM #1, 12,200 TD.
- 6/22 RU Newsco, ran 3/4" endless tbg, blew hole dry w/ N2 to 11,700, Western Co spotted 2 bbls acid @ 11,688, POH w/ endless tbg, SDFN.
- 6/24 Western Co acidized perfs 11,674-11,688 w/ 3000 gals 7½% MS acid, used 25 RCNBS flushed w/ KCL wtr, all fluid contained 1000 SCF N2/bbl, TTP 7800-6800, AIR 5.8 BPM, ISIP 4900, 5 min 4500, job compl @ 9:30 am 6/22/74, open to pits, TP 4100, fl 8 hrs on 1" ck, TP 4100-zero, fl acid wtr by head, SI & SDFN & Sunday.

- ETTER COM #1, 12,200 TD.
- 6/25 SI 38 hrs TP 700, bled off press 1 hr, then fl to pit 6 hrs, TP zero, MIRU X-Port Well Serv unit @ 4 pm 6/24/74, sw 2 hrs, sw from 6000, SDFN.
- ETTER COM #1, 12,200 TD.
- 6/26 SI 12 hrs TP 700, bled off press, ran sw 10,800' FIH, sw 250 bbls wtr in 12 hrs, FL 4500', SI 12 hrs, TP 1200, cont to test.
- ETTER COM #1, 12,200 TD.
- 6/27 Bled off press, run sw, 9600' FIH, S 205 BW/10 hrs, no gas, 5600' FIH, SDFN.
- ETTER COM #1, 12,200 TD.
- 6/28 13 hr SITP 1200, bled off & sw 220 BLW/11 hrs, FL 4000-9000, NS gas, SIFN.
- ETTER COM #1, 12,200 TD.
- 6/29 13 hr SITP 1200, bled off & S 165 BLW/12 hrs, FL 4000-9000', SIFN & weekend.
- 7/1 SI for weekend.
- ETTER COM #1, 12,200 TD.
- 7/2 62 hrs SITP 2100, fl to pit 2 hrs 1" ck, TP 2100 10#, rec wtr, would not burn, rel Xpert unit @ 10 am 7/1/74.
- ETTER COM #1, 12,200 TD.
- 7/3 Hold for unit to P&A.
- ETTER COM #1, 12,200 TD.
- 7/4 & Hold for unit to P&A.
- 7/5 " " " " "