

This form to be submitted along with form S-11  
packers, or losing material in any producing well  
before and after doing work, log if deepened.

promptly after cleaning out, deepening, plugging or  
reason for work done; give all details including ho-

shooting, acidizing, pulling or running casing or  
surement, fluid level or bottom hole pressure

**SHOTS:** Give top and bottom of shots, size of shells, number of quarts, time bombs, amount of tamping, name of shooting company, etc.

**ACIDIZING:** Show top and bottom of hole exposed to treatment, number of gallons, blanket if used, log of pressures and time, name of acidizing company, etc.

**PLUG JOBS:** Give top and bottom of plug, kind of material, etc.

**FISH:** Give an accurate description of all tools or fish left in hole together with details of how material was lost. Fully describe any part of fish that is later recovered.

**MEASUREMENTS:** All depths are from top of Kelly bushing; when derrick is removed give new point of reference and distance from old point to new point.

SUPPLEMENTAL WELL RECORD

WELL  
FILE

LEASE \_\_\_\_\_ WELL NO. \_\_\_\_\_  
SEC. \_\_\_\_\_ T. \_\_\_\_\_ R. \_\_\_\_\_ COUNTY \_\_\_\_\_  
STATE \_\_\_\_\_ FIELD \_\_\_\_\_  
A.F.E. NO. \_\_\_\_\_

5-20-70

Harris State #3 D-A&S Moving in Pulling Unit & Frac Tank.  
To Frac in San Andres Lea Co NM

5-21-70

Harris State #3 Pull Rods & Tbg Pick up Baker 4 1/2 Retreavable BP  
Ran to 4238. Now Pulling Tbg this AM.

Harris State #3 Dowell Fraced dn 4 1/2 csg Pfs 4164-4230 Load Hole  
w/60 bbls Fluid Pmpd into for at 2000# 20 BPM Pmpd  
20000 gals - 12500# SD Press broke 2000 to 900# Circ  
out top of hole Poss hole in top 8 5/8 csg Max Tr Pr 2000  
Fin 900 Shut dn Went on Vac

Harris State 3 Rn Tbg w/Bkr Retrvg head Wshd 8 ft Sd frm Top BP Re Set BP-4133  
Pulld Tbg Rn Tbg w/Bkr FB Pkr Testing for leak Found holes in csg  
at 829-1135 & 1263 /5-24 Pulld Tbg & Pkr Laid dwn tbg & Rods RR  
/5-25 Prep MI Dble Derrick unit to repair csg

Harris State 3 MI Dble Derick Unit Tdy

Harris State 3 Pick up 4 1/2" csg w/spear Remove Slips Cud not work  
csg w/65000 to 75000# Apparently stuck at approx 800 ft  
Will rn log tdy & back off Plan to wash over bad casing  
from 800 to 1300 ft

Harris State #3 - To frac in San Andres, (Lea Co., N. M.) In fracing csg failed.  
Now repairing csg. Pulled 17 jts (704') 4 1/2" csg. Picked up  
210' of 7" wash pipe. Ran in hole on 2 7/8 drill pipe, stopped  
at 500'. Will have to start washing there. Shut in for night.

Harris State #3 - Washed in open hole from 452 to 646. Plugged drill collar.  
Lack 58' being to top of csg.

Harris State #3 - Pulled out of hole. Unstopped pipe, ran back to 556',  
had to start washing. Kept falling in. Washed to 596', could  
not make any progress. Mixed 50 sacks salt gel, brought mud  
up to 36 vis. Will attempt to wash down this A.M.

Harris State #3 - Went in hole, washed from 556-618' in 2 1/2 hrs. Fluid was  
leaking in bad collar in top of 8 5/8" collar. Had shut down  
to repair collar. Pulled all pipe out. Shut down over night.

Harris State #3 - Welded on 8 5/8" collar. Picked up 7 7/8" bit, went in hole. Bit  
would not go farther, 88' above 4 1/2" csg. Could not get  
deeper, will run another bit and try to wash deeper today.  
Recovered a good deal of soft rone.

Harris State #3 - Washed from 616 to 687'. Shut down for dark

THIS FORM TO BE SUBMITTED ALONG WITH F NO. 127 PROMPTLY AFTER CLEANING OUT, DEEPENING, UGGING BACK, SHOOTING, ACIDIZING, PULLING OR RUNNING CASING OR PACKERS, OR LOSING MATERIAL IN ANY PRODUCING WELL. GIVE REASON FOR WORK DONE; GIVE ALL DETAILS INCLUDING HOLE MEASUREMENT, FLUID LEVEL OR BOTTOM HOLE PRESSURE BEFORE AND AFTER DOING WORK, LOG IF DEE J.

SHOTS: GIVE TOP AND BOTTOM OF SHOTS, SIZE OF SHELLS, NUMBER OF QUARTS, TIME BOMBS, AMOUNT OF TAMP, NAME OF SHOOTING COMPANY, ETC.

ACIDIZING: SHOW TOP AND BOTTOM OF HOLE EXPOSED TO TREATMENT, NUMBER OF GALLONS, BLANKET IF USED, LOG OF PRESSURES AND TIME, NAME OF ACIDIZING COMPANY, ETC.

PLUG JOBS: GIVE TOP AND BOTTOM OF PLUG, KIND OF MATERIAL, ETC.

FISH: GIVE AN ACCURATE DESCRIPTION OF ALL TOOLS OR FISH LEFT IN HOLE TOGETHER WITH DETAILS OF HOW MATERIAL WAS LOST. FULLY DESCRIBE ANY PART OF FISH THAT IS LATER RECOVERED.

MEASUREMENTS: ALL DEPTHS ARE FROM TOP OF KELLY BUSHING; WHEN DERRICK IS REMOVED GIVE NEW POINT OF REFERENCE AND DISTANCE FROM OLD POINT TO NEW POINT.

## SUPPLEMENTAL WELL RECORD

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SEC. \_\_\_\_\_ T. \_\_\_\_\_ R. \_\_\_\_\_ COUNTY \_\_\_\_\_

STATE \_\_\_\_\_ FIELD \_\_\_\_\_

A.F.E. NO. \_\_\_\_\_

## USE TYPEWRITER

- HARRIS STATE #3 Ran bit, found fill at 667', 20' fill. Washed to 702 with bit. Pulled bit, ran wash pipe, went over 4-1/2" csg at 729'.
- HARRIS STATE #3 Washed 729-815, red bed fell in, had to pull up hole 150; washed back down 3 times to 795'. Mixed mud, 6 sx. Baroid, 41 sx. Impermix, 20 sx. Gel. Hole beginning to hold up. Now working over 4-1/2" csg. at 795. WL 2 vis 42.
- HARRIS STATE #3 Washed down to 835. Washed down several times. Now mixing mud in big pits.
- HARRIS STATE #3 Washed over 4-1/2" to 911'. Could not catch pipe with screw or tool. Ran Dialog and found we had washed down beside pipe. Came out of hole w/W.P.
- HARRIS STATE #3 Went in hole with overshot. Could not catch pipe. Came out of hole. Put wall hook and caught pipe. Dialog pipe still stuck. Trying to release over shot. Pipe came apart at 793'. Recovered 89' of 4-1/2" tbg. Went back in hole with bit to try to tag top. Mud is keeping hole in condition at present.
- HARRIS STATE #3 Came out of hole with 7-7/8" bit. Shut down, will lay down wash pipe. Preparing tool to run on 4-1/2" csg. Attempting to fish with wall hook.
- HARRIS STATE #3 Laid down 7" wash pipe and D.C. picked up 6-3/8" wall hook. Kicked sub and overshot. Ran 4-1/2" csg. 813'. Failed to catch fish. Could set down on pipe. Pulled out of hole. Bottom of overshot plugged. Will run again in attempt to catch.
- HARRIS STATE #3 Ran 7-3/8" over shot on 4-1/2" csg. Could not get over pipe. Set down on ledge. Tried to break ledge off with overshot, could not. Ledge 790', top of fish should also be 790'. 7-3/8" overshot could work off ledge and go down beside fish. Ran in 30' below where top of fish should be. Will attempt to cut ledge off with bit.
- HARRIS STATE #3 Fishing 4-1/2" csg. after csg. failure during frac job. Ran 14" underreamers from 684 to 792, cut & skip (in 3 hours). Circ. hole clean. Ran 7-3/8" overshot & wall hook. Could not find top. Ran 12' below. Pulled out of hole, will run under-reamer.
- HARRIS STATE #3 Ran bit, found fill at 777, washed to 836, mixed mud, circ. to clean out cutting. Cleaned up hole, pulled out, shut down over night.
- HARRIS STATE #3 Fishing 4-1/2" csg. Ran bit to clean out from 818 to 836, came out of hole. Ran 7-3/8" overshot & wall hook. Ran knuckle joint & wall hook, could not find fish. May not be reaching the 4-1/2" csg.

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New Mex. #3 - Fishing 4 1/2" Csg. Ran 5 7/8 bit with one cone cut off. Ran on 2 7/8 D.P. Reaming up & down hole. Ran overshot set on top of fish, could not get over. Will try to straighten up in hole to attempt to fish.

New Mex. State #3 - Ran 7 3/8" overshot with knuckle joints. Ran to 750'. 48' above fish. Came out of hole. Ran 7 7/8 bit, ran fork to top of fish 804'. Ran overshot, ran down beside fish but could not catch.

New Mex. State #3 - Ran 2 cone bit to ream out hole to 790', came out of hole. Ran overshot & wall hook. Could not catch fish. Pulled out and ran reg. guide on overshot, ran by top of fish, could not feel fish. Ran to 815'. Bit stopped at 790' and will not turn off.

New Mex. State #3 - Shut down over Sunday. Will run underreamer & ream hole out to 16" from 704 to 800'.

New Mex. Harris State #3 - Conditioned hole to 863'. Circ 8 hrs. Still large volumes of red bed & anhy coming out. Stuck bit coming out of hole. Pump loose at 830'. Pulled out of hole, ran 6 3/8 overshot and wall hook. Could not touch fish, found red bed fill at 815'. Will move off rig, can not catch 4 1/2" csg dur to caving red beds from below 790'.

6-20-70

Harris State #3 - Laid down D. P. & 4 1/2" csg out of derrick, rigged down and moved off. Could not fish 4 1/2" csg.