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DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL API NO. 30-015-20745
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. B-1483

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Injection	7. Lease Name or Unit Agreement Name Etz State Unit (TR 4)
2. Name of Operator Devon Energy Corporation (Nevada) ✓	8. Well No. 3
3. Address of Operator 1500 Mid-America Tower, 20 N. Broadway, OKC, OK 73102	9. Pool name or Wildcat Grayburg
4. Well Location Unit Letter <u>O</u> : <u>990</u> Feet From The <u>south</u> Line and <u>2310</u> Feet From The <u>east</u> Line Section <u>16</u> Township <u>17S</u> Range <u>30E</u> NMPM <u>Eddy</u> County	
10. Elevation (Show whether DF, RKB, RT, GR, etc.) GR 3672'	

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> OTHER <input type="checkbox"/> <u>DIST. 3</u>	SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> CASING TEST AND CEMENT JOB <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> <u>Convert to injection</u> ALTERING CASING <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/>

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

10-31-89 This am prep to run csg scraper.
Moved in and rigged up Real Well Srv. SDON.

11-01-89 This am milling tight spot.
Ran 4 3/4" bit and csg scraper. Tagged bridge 2095'. Trpd. Ran tbg open ended. Tight 2095'. Rotated w/tongs and fell thru. Continued 2900'. Trpd. Picked up and ran lead impression block. Tagged 2095'. Trpd. Block showed 1 1/2" X 1/2" X 1/2" gouge. Trpd 4 3/4" string mill and drill collars. SDON.
(Continued on reverse)

I hereby certify that the information above is true and complete to the best of my knowledge and belief

SIGNATURE Candi R. Graham TITLE Engineering Assistant DATE 12-15-89
Candi R. Graham (405) 235-3611 TELEPHONE NO

(This space for State Use)

ORIGINAL SIGNED BY
MIKE WILLIAMS
SUPERVISOR, DISTRICT II

APPROVED BY _____ TITLE _____ DATE JAN 10 1990

CONDITIONS OF APPROVAL, IF ANY:

- 11-02-89 This am working mill thru tight spots. Tagged tight 1736'. Rotated 4 3/4" mill w/power swivel and worked thru. Tagged 2092'. Worked mill 3'. Pulled mill. (Bad spot in csg hung changeover swedge on string mill.) Ran 4" string mill. Tagged 2095'. Worked 2098'. Trpd. Ran 4 3/4" mill. SDON.
- 11-03-89 This am running tbg. Will dump sand on retrievable bridge plug. Prep squeeze. Worked 4 3/8" string mill thru tight 2095-2098'. Trpd. Rigged up Wedge Wireline. Ran Csg Inspection log 2900' to surface. Csg parted 2093-2098'. Rigged down and released Wedge Wireline. Ran Watson packer and 5 1/2" retrievable bridge plug. Set bridge plug 2298', packer 2010'. Press'd 300 psi on backside; held OK. Press'd 700 psi on tbg; 15 mins zero psi. Pulled packer and work string. SDON.
- 11-04-89 This am prep drill cement. Ran tbg open ended 2292'. Spotted 4 sx sand on plug (by Dowell). Pulled 4 jts tbg, bottom 2168'. Spotted 17 sx slurry across csg part. Pulled 10 jts. Press tested cement. Lost 1/2 bbl per min at 300 psi. Pulled tbg. Ran tension packer 1397'. Press'd 650 psi; held. Moved packer and tested. Found leak 386-449'. Pulled packer. Nippled down blow out preventer. Made bradenhead squeeze. Pumped wiperhead plug 300'. Left 250 psi on squeeze. SDON.
- 11-05-89 This am prep drill cement. Ran 4 3/4" bit, 6 drill collars. Tagged 189'. Drld cement 277', still green. Waited on cement to set. SDON.
- 11-06-89 This am prep continue drlg cement. Tagged top of cement 275'. Drld 501'. SDON.
- 11-07-89 This am running retrievable bridge plug and packer to determine location of holes before squeeze. Finished drlg top cement plug. Fell thru 550'. Press tested squeeze; did not hold. Trpd. Ran bit and csg scraper. Ran packer. Press tested for hole. Found bottom holes 1042', top 381'. SDON.
- 11-08-89 This am squeezing. Ran retrievable bridge plug and packer. Slow leak 1000-1042'. Bled 500-200 psi in 5 mins. Reset bridge plug and packer. Found holes 538-570'. Pumped in at 1 bbl per min, 450 psi. No communication on backside. Reset bridge plug and packer. Found slow leak 386-449'. Bled 500-200 psi in 5 mins. Trpd bridge plug and packer. SDON.
- 11-09-89 This am tbg on vacuum. Prep to drill cement. Ran tbg open ended. Spotted 3 bbls cement 950-1075'. Trpd. Ran packer 850'. Backwashed 25 bbls water. Set packer. Press'd tbg 500 psi for 2 hrs. Released, reset 450'. Press'd 400 psi on backside. Established injection rate w/water at 1 bbl per min, 550 psi. Pumped in 100 sx Class C w/2% cc. Shut down. Washed up lines. Pumped 1/2 bbl displacement. Shut in 15 mins. Repeated procedure twice more w/same results. Well did not squeeze. Overdisplaced w/6 bbls water. Released packer. Backwashed 10 bbls water. Moved packer 325'. Backwashed 10 bbls water. Reset packer. Put 600 psi on annulus. Established injection rate 1 bbl per min, 550 psi, w/water. Pumped in 100 sx Class C w/3% cc. Shut down. Washed up lines. Displaced 34' below packer. Released under press. Backwashed w/10 bbls water under press. Set packer. Put 600 psi on backside. 250 psi on tbg. SDON.
(Continued next page)

- 11-10-89 This am drld cement. Squeeze not holding. Prep to re-squeeze. Released packer. Trpd. Picked up and ran bit and drill collars. Tagged cement 497'. Drld 6' soft cement. Stopped drlg. Press tested 400 psi; held OK. Shut down. Waiting on cement to set 24 hrs.
- 11-11-89 This am prep drill cement. Ran tbg open ended. Spotted cement 600-475'. Ran and set packer 325'. Press'd tbg 450 psi; bled 270 psi. Repeated procedures until held 400 psi. SDON.
- 11-12-89 This am drlg cement. Drld cement 493-605'. Press'd 340 psi; 40 mins 295 psi. Tagged cement 1000'. Drld 1102' and fell thru. Press'd 300 psi; 15 mins 285 psi. Tagged 1968'. Drld 2015'. SDON.
- 11-13-89 This am prep pull retrievable bridge plug. Finished drlg cement, out 2171'. Press tested squeeze 300 psi; 15 mins 285 psi. Ran 5 1/2" tapered string mill. Ran thru bottom squeeze. Trpd. SDON.
- 11-14-89 This am finishing out w/tbg. Prep run cast iron bridge plug and injection string. Ran bit and csg scraper. Trpd. Ran retrieving tool. Unable to get to top plug. Trpd. Ran impression block on sand line. No markings. Ran bit. Drld 1' packed cement. Circ'd out sand. Trpd. Ran retrieving tool. Circ'd sand off retrievable bridge plug and released. Started pulling and laying down tbg. SDON.
- 11-15-89 This am moving packer up hole. Prep to load backside. Laid down retrievable bridge plug. Rigged up Jarrel Wireline. Ran and set cast iron bridge plug 2850' w/25' cement on top. Rigged down and released Jarrel Wireline. Ran Arrow 5 1/2" packer, 77 jts 2 3/8" plastic coated tbg, set 2462'. Could not load backside. Released packer. Ran 1 jt and reset. Could not load backside.
- 11-16-89 This am prep run different packer and isolate hole. Reset packer 1100'. Csg loaded but would not hold. Trpd. Packer appeared OK. Ran retrievable bridge plug and packer. Set bridge plug 2490' and tested. Pulled packer 2144' and set. Press'd down tbg. Csg held. Pulled to 1824' and set. Pumped down tbg, packer not holding. Released packer. Shut in tbg. Press'd csg 300 psi; 5 mins 270 psi. Reset packer but did not hold. Trpd. SDON.
- 11-17-89 This am prep spot cement across hole 294' and re-squeeze. Ran different packer. Retested bridge plug. Tested for leaks. Found 1 leak 2094'. Press'd 300 psi; 5 mins 200 psi. Unable to established injection rate. Found leak 1000-42'. Press'd 300 psi; 5 mins 250 psi. Slight leak above 1000'. Press'd 300 psi; 15 mins 290 psi. Trpd packer. Ran tbg. Spotted sand on retrievable bridge plug. SDON.
- 11-18-89 This am shut down. Waiting on trucks. Rigged up Dowell. Spotted 11 sx Class C w/2% cc across leak 2094'. Trpd. Ran and set packer 1901'. Press'd 1200 psi; bled off. Con't until held 15 mins. Released and pulled packer. Ran tbg open ended. Spotted 12 sx across hole 1000-1042' (corrected). Ran and set packer 803'. Press'd leak. Pumped at 400 psi. Shut down 15 mins. Pumped at 400 psi. Pumped cement away at 1/2 bbls per min. 750 psi. SDON.
(Continued on reverse)

11-19-89 Shut down. Waiting on equipment.

11-20-89 This am trying to spot cement then squeeze. Hooked up Dowell. Established injection rate 1/2 bbl per min, 1200 psi. Released packer. Trpd. Packer hung 300' and parted. Ran spear and caught remainder of packer. Trpd. SDON.

11-21-89 This am pulling packer. Prep to drill cement. Ran tbg 1038'. Spotted 20 sx Class C w/2% cc 1038-900'. Trpd tbg. Ran packer, set 800'. Press'd squeeze. Pumped 1 3/4 bbls cement into formation. SDON w/780 psi on squeeze.

11-22-89 This am waiting on cement pump truck. Pulled packer. Ran 4 3/4" bit, 6 DCs, tbg. Tagged top of cement 917'. Drld thru at 1086'. Press'd 300 psi; 5 mins 250 psi. Trpd bit. SDON.

11-23-89 to
11-27-89 Shut down for weekend and holiday. Prep to test for leaks.

11-28-89 This am ran bit. Tagged cement 2000'. Prep drill cement plug. Ran 5 1/2" tension packer, set 1058'. Press'd backside 400 psi; 12 mins 365 psi. Pulled 1 jt, set packer 1026'. Press'd backside 370 psi; 15 mins 360 psi. Isolated leak 1038-1043'. Trpd. Press'd csg 250 psi; 15 mins 230 psi; OK w/NM Commission. SDON.

11-29-89 This am running mill to dress rough spots 284' and 2094'. Drld cement 2000-2094', bit torqued. Recovered several small pieces csg. Smoother drlg cement to 2183', fell thru. Press'd csg 250 psi; 15 mins 230 psi; OK w/NM Commission. Ran bit, tagged sand 2480'. Trpd. SDON.

11-30-89 This am prep run Baker Model AD-1 packer. Ran 4 3/4" mill 284'. Dressed tight spot. Ran mill 2094'. Dressed parted spot in csg. Ran mill 2122'. Press'd csg 250 psi; stabilized at 200 psi; OK w/NM Commission. Trpd. Ran retrieving head. Washed sand off retrievable bridge plug. Trpd plug, laid down work string. Ran 5 1/2" Cherokee packer, set 2462'. Released packer. Pumped in 40 bbls packer fluid. Reset packer. Pumped 35 bbls packer fluid. Csg did not load, well on vacuum. Began trpg packer. SDON.

12-01-89 This am testing injection line. Trpd 5 1/2" Cherokee packer. Ran Baker AD-1 plastic coated packer, set 2462'. Loaded csg annulus w/packer fluid. Press'd 100 psi, annulus went on vacuum. Released packer. Pulled 1 jt, reset packer. Could not go above 2440'. Ran 1 jt 2495', reset packer. Loaded csg annulus. Press'd 500 psi; OK w/NM Commission. Press bled to 260 psi. Approved for injection. Tbg turned freely on 1st packer setting. Now tbg hard to rotate. Possibly some csg collapsed.

12-04-89 Commenced injection. Tbg press 100 psi.