| DISTRIBUTION  FILE  U.S.G.I.S.  LAND OFFICE  OPERATOR  SUNDRY NOTICES AND REPORTS ON WELLS  (CO NOT THE NEW PROPERTY OF THE PROPERTY ON WELLS  (CO NOT THE NEW PROPERTY OF THE PROPERTY ON WELLS  (CO NOT THE NEW PROPERTY OF THE PROPERTY ON WELLS  (CO NOT THE NEW PROPERTY OF THE PROPERTY ON WELLS  (CO NOT THE NEW PROPERTY OF THE PROPERTY ON WELLS  (CO NOT THE NEW PROPERTY OF THE PROPERTY ON WELLS  (CO NOT THE NEW PROPERTY OF THE PROPERTY ON WELLS  (CO NOT THE NEW PROPERTY OF THE PROPERTY ON WELLS  (CO NOT THE NEW PROPERTY OF THE PROPERTY ON THE PROPERTY ON THE PROPERTY ON THE PROPERTY OF THE PROPERTY O | NO. OF COPIES RECEI                                      | IVED  | _ರ_  |   |  |  |  | Form C-103   |  |
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| OFFICE PROPOSED OF Completed Operations (Clearly state all pertinent datals, and give pertinent dates, including estimated date work)   See Holle 1762   17. Describe Proposed or Completed Operations (Clearly state all pertinent datals, and give pertinent dates, including estimated dates work)   See Holle 1762   17. Describe Proposed or Completed Operations (Clearly state all pertinent datals, and give pertinent dates, including estimated dates work)   See Holle 1762   18. Elevation (Show whether DF, RT, GR, etc.,)   Subsequent Report of Other Data NOTICE OF INTENTION TO:   PLUG AND ASANDON   PULL ON ALTER CASING   PULL ON ALTER CASIN   | (DO NOT USE 1  | THIS FORM   | SUNDR  | LY NOTICES A  | ND REPORTS ON  | WELLS  |  |  |  |
| OTHER SOUTH  P.O. BOX 1737, ROSWell, New Mexico 88201  1. Cocution of Well  UNIT CETTER  J 1980'  FEET FROM THE East  LINE AND 1980'  IS. Elevation (Show whether DF, RT, GR, etc.)  3227 GL 3243 KB  Check Appropriate Box To Indicate Nature of Notice, Report or Other Data  NOTICE OF INTENTION TO:  SUBSEQUENT REPORT C  SUBSEQ |  | USE "A  | PPLICAT  | ION FOR PERMIT -  | (FORM C-101) FOR SU  | HACK TO A DIFFERENT RESERVOIR.   |  | 1111111  |  |
| 2. Name of Operator Hanagan Petroleum Corporation  3. Address of Operator P.O. Box 1737, Roswell, New Mexico 88201  4. Location of Well  UNIT LETTER J 1980' FEET FROM THE East LINE AND 1980' FEET FROM THE SOUTH LINE, SECTION 30 TOWNSHIP 20S RANGE 27E MAPPEN 15. Elevation (Show whether DF, RT, GR, etc.)  16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO:  PERFORM REMEDIAL WORK TEMPORALITY ABANDON PULL OR ALTER CASING TEST AND ECHENT 30B PULL OR ALTER CASING THE AND COMMENCE BRIEFLING OPEN.  CHAMGE PLANS  17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date work) SEE RULE 103.  PULL OR ALTER CASING  OTHER PULL CASING THE ASSING OPEN.  ALTER CASING TEST AND ECHENT 30B PULL OR ALTER CASING TEST AND | OIL  |   | $\neg$   |   | Day  |  | 7. (   | Init Agreement   | Name   |
| Hanagan Petroleum Corporation  3. Address of Operator P.O. Box 1737, Roswell, New Mexico 88201  4. Locution of Well Unit LETTER J 1980' FEET FROM THE East LINE AND 1980' FEET FROM THE South LINE, SECTION 30 TOWNSHIP 20S RANGE 27E NMFM.  15. Elevation (Show whether DF, RT, GR, etc.) 3227 GL - 3243 KB  16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data SUBSEQUENT REPORT OF NOTICE OF INTENTION TO:  PERFORM REMEDIAL WORK TEMPORABILY ABANDON PULL OR ALTER CASING OTHER  17. Describe Proposed or Completed Operations (Clearly state all pertinent datalls, and give pertinent dates, including estimated data work) SEE RULE 1703.  18. 2504 to 08 (5 holes) Lower Delaware treated perfs, 2452 to 2508 W/I. NE acid, press 3000# (max.) 1500# (min.) av. inj. rate 4½ BPM. Swab II. gas-11/26/77: Frac perfs. From 2452 to 2508 W/I. 0,000 gal mini-max (g wtr.) + 18,000# 20/40 sd., swab @ rate of 15 to 20 bbls. formation wt gas, 11/29/77: sq2d. perfs. 2452 to 2508 W/200 Sx. Class "C" 5# salt press 1000# (Dump 10' cmt. top retainer) 11/30/77: PBTD 2425', perf., holes W/csg. gun) 12/1/77: Frac perfs. 2310 to 20 W/6000 gals gelled 10,500 lbs, 20/40 sd., total load 154 bbls., swab back load, swb rate 10 to 11 bbls frm. wtr./hr.) 12/3/77: Cut 4½" csg.@ 1705 KB, Howco s Class "H" cement. Cement 1700 back to 1550, pulled csg. put 10 sx pli and Dry Hole Marker, P&A 12/3/77.   |  | WELL L  |  | OTHER-  | ury  |  |  |  |  |
| 3. Address of Operator P.O. Box 1737, Roswell, New Mexico 88201  4. Location of Well    Describe    |  | roleum  | a Corr   | noration  |  |  | i  |  | Name   |
| P.O. Box 1737, Roswell, New Mexico 88201  4. Location of Well  UNIT LETTER J 1980' FEET FROM THE EAST LINE AND 1980' FEET FROM AVAIDOR  THE South LINE, SECTION 30 FORWASHIP 20S RANGE 27E NAME.  15. Elevation (Show whether DF, RT, GR, etc.)  3227 GL - 3243 KB  12. County  Eddy  15. Elevation (Show whether DF, RT, GR, etc.)  16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO:  SUBSEQUENT REPORT C  REMEDIAL WORK COMMENCE DRILLING OPINS.  CHANGE PLANS  OTHER PULL CASING OF THE POPULA ABANDON OF THE PULL CASING TEST AND CEMENT 1980 and plug  OTHER PULL CASING OF THE POPULA CASING THE PULL CASING THE PUL |  |   | 1 0011   | JOI a CTOIL   |  |  |  |  |  |
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| UNIT LETTER J . 1980' FEET FROM THE East LINE AND 1980' FEET FROM AValon  THE SOUTH LINE, SECTION 30 TOWNSHIP 20S RANGE 27E NAMPH.  15. Elevation (Show whether DF, RT, GR, etc.)  3227 GL - 3243 KB 12. County  Eddy  16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data  NOTICE OF INTENTION TO:  PELIGAND ABANDON REMEDIAL WORK COMMERCE DRILLING OPHS.  TEMPORABILY ABANDON PULL OR ALTER CASING CHEARLY SEE RULE 1103.  17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date work) SEE RULE 1103.  18. 10 See 2504 to 08 (5 holes) Lower Delaware treated perfs, 2452 to 2508 W/I.  NE acid, press 3000# (max.) 1500# (min.) av. inj. rate 4½ BPM. Swab I gas-11/26/77: Frac perfs. from 2452 to 2508 W/10,000 gal mini-max (gwtr.) + 18,000# 20/40 sd., swab @ rate of 15 to 20 bbls. formation wt gas, 11/29/77: sqzd. perfs. 2452 to 2508 W/200 sx. Class "C" 5# salt press 1000# (Dump 10' cmt. top retainer) 11/30/77: PBTD 2425', perf., holes W/csg. gun) 12/1/77: Frac perfs. 2310 to 20 W/6000 gals gelled 10,500 lbs, 20/40 sd., total load 154 bbls., swab back load, swb rate 10 to 11 bbls frm. wtr./hr.) 12/3/77: Cut 4½" csg. @ 1705 KB, Howco sy Class "H" cement. Cement 1700 back to 1550, pulled csg. put 10 sx pli and Dry Hole Marker, P&A 12/3/77.  |  |   |  | , new ricking   | CO 00201   |  | 10   | Field and Deal   | - 1471 1 - 1   |
| South    South   State   State |  | .1  | 10   | ימפר  | Fact   | 10001  |  |  | •  |
| 15. Elevation (Show whether DF, RT, GR, etc.)  12. County 3227 GL - 3243 KB  12. County 15. Elevation (Show whether DF, RT, GR, etc.)  12. County 16.  Check Appropriate Box To Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO:  PERFORM REMEDIAL WORK TEMPORABILLY ABANDON PULL OR ALTER CASING OTHER  17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date work) SEE RULE 1703.  18. 2504 to 08 (5 holes) Lower Delaware treated perfs, 2452 to 2508 w/1 NE acid, press 3000# (max.) 1500# (min.) av. inj. rate 4½ BPM. swab in gas-11/26/77: Frac perfs. from 2452 to 2508 w/200 gal mini-max (g wtr.) + 18,000# 20/40 sd., swab @ rate of 15 to 20 bbls. formation wt gas, 11/29/77: sqzd. perfs. 2452 to 2508 w/200 sx. Class "C" 5# salt press 1000# (Dump 10' cmt. top retainer) 11/30/77: PBTD 2425', perf., holes w/csg. gun) 12/1/77: Frac perfs. 2310 to 20 w/6000 gals gelled 10,500 lbs, 20/40 sd., total load 154 bbls., swab back load, swb rate 10 to 11 bbls frm. wtr./hr.) 12/3/77: Cut 4½" csg. @ 1705 KB, Howco s Class "H" cement. Cement 1700 back to 1550, pulled csg. put 10 sx pli and Dry Hole Marker, P&A 12/3/77.  | UNIT LETTER  |   | - · <del></del>  | FEET FF   | ROM THE LOST   | LINE AND FE  | EET FROM   | vaion Mor  | row  |
| 15. Elevation (Show whether DF, RT, GR, etc.)  12. County 3227 GL - 3243 KB  12. County 15. Elevation (Show whether DF, RT, GR, etc.)  12. County 16.  Check Appropriate Box To Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO:  PERFORM REMEDIAL WORK TEMPORABILLY ABANDON PULL OR ALTER CASING OTHER  17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date work) SEE RULE 1703.  18. 2504 to 08 (5 holes) Lower Delaware treated perfs, 2452 to 2508 w/1 NE acid, press 3000# (max.) 1500# (min.) av. inj. rate 4½ BPM. swab in gas-11/26/77: Frac perfs. from 2452 to 2508 w/200 gal mini-max (g wtr.) + 18,000# 20/40 sd., swab @ rate of 15 to 20 bbls. formation wt gas, 11/29/77: sqzd. perfs. 2452 to 2508 w/200 sx. Class "C" 5# salt press 1000# (Dump 10' cmt. top retainer) 11/30/77: PBTD 2425', perf., holes w/csg. gun) 12/1/77: Frac perfs. 2310 to 20 w/6000 gals gelled 10,500 lbs, 20/40 sd., total load 154 bbls., swab back load, swb rate 10 to 11 bbls frm. wtr./hr.) 12/3/77: Cut 4½" csg. @ 1705 KB, Howco s Class "H" cement. Cement 1700 back to 1550, pulled csg. put 10 sx pli and Dry Hole Marker, P&A 12/3/77.  | South  |   |  | 30  | 205  | 275  |  |  |  |
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| NOTICE OF INTENTION TO:    PERFORM MEMEDIAL WORK   | 6.   | ~~~~  | book (   | 77777   |  |  |  | <del></del>  |  |
| PERFORM REMEDIAL WORK  TEMPORARILY ABANDON  PULL OR ALTER CASING  OTHER  17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date work) SEE RULE 1703.  18. 2504 to 08 (5 holes) Lower Delaware treated perfs, 2452 to 2508 w/1 NE acid, press 3000# (max.) 1500# (min.) av. inj. rate 4½ BPM. swab Ingas-11/26/77: Frac perfs. from 2452 to 2508 w/10,000 gal mini-max (g wtr.) + 18,000# 20/40 sd., swab @ rate of 15 to 20 bbls. formation wt gas, 11/29/77: sqzd. perfs. 2452 to 2508 w/200 sx. Class "C" 5# salt press 1000# (Dump 10' cmt. top retainer) 11/30/77: PBTD 2425', perf., holes w/csg. gun) 12/1/77: Frac perfs. 2310 to 20 w/6000 gals gelled 10,500 lbs, 20/40 sd., total load 154 bbls., swab back load, swb rate 10 to 11 bbls frm. wtr./hr.) 12/3/77: Cut 4½" csg. @ 1705 KB, Howco s Class "H" cement. Cement 1700 back to 1550, pulled csg. put 10 sx pli and Dry Hole Marker, P&A 12/3/77.   |  |   |  |   |  |  |  |  |  |
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| TEMPORARILY ABANDON PULL OR ALTER CASING  CHANGE PLANS  CASING TEST AND CEMENT JOB OTHER  PUII CASING AND CEMENT JOB OTHER  AND CHANGE PLANS  CASHNER PUII CASING AND CEMENT JOB OTHER  AND CHANGE PLANS  CASHNER PUII CASING AND CEMENT JOB OTHER  AND CHANGE PLANS  CASHOT AND CEMENT JOB OTHER  CHANGE PLANS  CASHOT AND CEMENT JOB OTHER  CHANGE | PERFORM REMEDIAL WO                                      | ORK   |  | PI  | LUG AND ABANDON  | REMEDIAL WORK  |  |  | г  |
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| 17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date work) SEE RULE 1103.  11/23/77: PBTD 2790' Perf. 4½" csg. w/csg. gun 2452' - to 60 (5 holes), 2477 to & 2504 to 08 (5 holes) Lower Delaware treated perfs, 2452 to 2508 w/l NE acid, press 3000# (max.) 1500# (min.) av. inj. rate 4½ BPM. swab legas-11/26/77: Frac perfs. from 2452 to 2508 w/ 10,000 gal mini-max (g wtr.) + 18,000# 20/40 sd., swab @ rate of 15 to 20 bbls. formation wt gas, 11/29/77: sqzd. perfs. 2452 to 2508 w/200 sx. Class "C" 5# salt press 1000# (Dump 10' cmt. top retainer) 11/30/77: PBTD 2425', perf., holes w/csg. gun) 12/1/77: Frac perfs. 2310 to 20 w/6000 gals gelled 10,500 lbs, 20/40 sd., total load 154 bbls., swab back load, swb rate 10 to 11 bbls frm. wtr./hr.) 12/3/77: Cut 4½" csg. @ 1705 KB, Howco s Class "H" cement. Cement 1700 back to 1550, pulled csg. put 10 sx pli and Dry Hole Marker, P&A 12/3/77.   |  |   |  |   |  |  | and plud   | 1  | Г  |
| 11/23/77: PBTD 2790' Perf. 4½" csg. w/csg. gun 2452' - to 60 (5 holes), 2477 to & 2504 to 08 (5 holes) Lower Delaware treated perfs, 2452 to 2508 w/l NE acid, press 3000# (max.) 1500# (min.) av. inj. rate 4½ BPM. swab ligas-11/26/77: Frac perfs. from 2452 to 2508 w/ 10,000 gal mini-max (g wtr.) + 18,000# 20/40 sd., swab @ rate of 15 to 20 bbls. formation wt gas, 11/29/77: sqzd. perfs. 2452 to 2508 w/200 sx. Class "C" 5# salt press 1000# (Dump 10' cmt. top retainer) 11/30/77: PBTD 2425', perf., holes w/csg. gun) 12/1/77: Frac perfs. 2310 to 20 w/6000 gals gelled 10,500 lbs, 20/40 sd., total load 154 bbls., swab back load, swb rate 10 to 11 bbls frm. wtr./hr.) 12/3/77: Cut 4½" csg. @ 1705 KB, Howco s Class "H" cement. Cement 1700 back to 1550, pulled csg. put 10 sx plu and Dry Hole Marker, P&A 12/3/77.  | OTHER  |   |  |   |  |  |  | <u></u>  |  |
| 11/23/77: PBTD 2790' Perf. 4½" csg. w/csg. gun 2452' - to 60 (5 holes), 2477 to & 2504 to 08 (5 holes) Lower Delaware treated perfs, 2452 to 2508 w/l NE acid, press 3000# (max.) 1500# (min.) av. inj. rate 4½ BPM. swab ligas-11/26/77: Frac perfs. from 2452 to 2508 w/ 10,000 gal mini-max (g wtr.) + 18,000# 20/40 sd., swab @ rate of 15 to 20 bbls. formation wt gas, 11/29/77: sqzd. perfs. 2452 to 2508 w/200 sx. Class "C" 5# salt press 1000# (Dump 10' cmt. top retainer) 11/30/77: PBTD 2425', perf., holes w/csg. gun) 12/1/77: Frac perfs. 2310 to 20 w/6000 gals gelled 10,500 lbs, 20/40 sd., total load 154 bbls., swab back load, swb rate 10 to 11 bbls frm. wtr./hr.) 12/3/77: Cut 4½" csg. @ 1705 KB, Howco s Class "H" cement. Cement 1700 back to 1550, pulled csg. put 10 sx plu and Dry Hole Marker, P&A 12/3/77.  |  |   |  |   |  |  |  |  |  |
| & 2504 to 08 (5 holes) Lower Delaware treated perfs, 2452 to 2508 w/l NE acid, press 3000# (max.) 1500# (min.) av. inj. rate 4½ BPM. swab logas-11/26/77: Frac perfs. from 2452 to 2508 w/lo,000 gal mini÷max (gwtr.) + 18,000# 20/40 sd., swab @ rate of 15 to 20 bbls. formation wt gas, 11/29/77: sqzd. perfs. 2452 to 2508 w/200 sx. Class "C" 5# salt press 1000# (Dump 10' cmt. top retainer) 11/30/77: PBTD 2425', perf., holes w/csg. gun) 12/1/77: Frac perfs. 2310 to 20 w/6000 gals gelled 10,500 lbs, 20/40 sd., total load 154 bbls., swab back load, swb rate 10 to 11 bbls frm. wtr./hr.) 12/3/77: Cut 4½" csg. @ 1705 KB, Howco s Class "H" cement. Cement 1700 back to 1550, pulled csg. put 10 sx pland Dry Hole Marker, P&A 12/3/77.  | <ol> <li>Describe Proposed<br/>work) SEE RULE</li> </ol> | or Compl  | ieted Ope  | erations (Clearly s   | state all pertinent dete   | ills, and give pertinent dates, in   | ncluding estim   | ated date of ste   | arting any propose   |
|  | & 2<br>NE<br>gas<br>wtr<br>gas<br>pre<br>hol<br>10,      | 2504 t<br>acid,<br>s-11/2<br>r.) +<br>s, 11/<br>ess 10<br>les w/<br>,500 1<br>to 11<br>ass "H | o 08<br>pres<br>6/77:<br>18,00<br>29/77<br>00# (<br>csg.<br>bs, 2<br>bbls<br>" cem | (5 holes) Less 3000# (mass 3000# (mass 500# 20/40 sc.)  "Dump 10' cm gun) 12/1/7  "O/40 sd., tes frm. wtr./ | Lower Delaward ax.) 1500# (max.) 1500# (max.) 1500# (max.) swab @ rather fis. 2452 to family for the load 1500/hr.) 12/3/77 at 1700 back family for the load 1500 fack family for the load 1500 fack family family fack family fam | e treated perfs, 24 in.) av. inj. rate to 2508 w/ 10,000 g te of 15 to 20 bbls 2508 w/200 sx. Clas ner) 11/30/77: PBTD s. 2310 to 20 w/600 4 bbls., swab back : Cut 4½" csq. 0 17  | 52 to 250 4¼ BPM. 9 al mini÷y . formator s "C" 5# 2425', p 0 gals ge load, swl 05 KB, He | 08 w/1250 swab load max (gello ion wtr./) salt sx. perf., 23 elled 3% lo rate w/ owco spot | gals 15% back w/sho ed 3% KCL hr., trace , Max. sqz. 10 to 20 (6 KCL wtr. + tr. gas ted 50 sx. |
| OH AND GAS INSPECTOR   |  |   |  |   | TITLE Age  | ent  |  | ATE 12/14,   | /77<br>' 1 <b>6 1978</b>   |

CONDITIONS OF APPROVAL, IF ANY: