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| | To St. Mortes | \$29.30. | | | | 1 | ×71 5 | 2015 |
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| | | 40/2 ==-3/ | W.Cox | (0) | | 1 | | |
| | | e li Port | W.Cox | | | 2-8/81 | | |
| | 100 | F | W COX | • | | | | |
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| | | | . | | /* * " | | | |
| | LEGEND | ` ^´ | The Diffe | OW | NERSHIP | | | |
| | - Lines plotted | d from Deeds | | No Coal - | • | | | |
| | gurue ue d | | | | West Va. Pu | , , | | |
| | Roads | | | Minerals - | D& H Singl St. Mary. | | | |
| | O Well Locati | '0n | | | Jr. mary. | , W.OQ. | | |
| | - | | | _ | | | | |
| | | | ŧ | locure / in 200 | technologica medical constructiva e para de | | | |
| | | S | ource of Elevation_(| USGS B.M on Rou | te 16 near | SW cor | ner | |
| | | KDON, LAN | | of tract = 10; | , | | THE CHILD AND ADDRESS OF THE PARTY. | |
| Fra | icture | le | dge and belief and : | reby certify that this as shows all the information | ion required | by paragra | inh 6 of | the rules |
| 8 | w Location | | ic regulations of t | he oil and gas section | of the mini | ng laws o | t West | Virginia. |
| 8 | il DeeperL | : | Map No. | Signed: | N S | E | w | |
| Ab | endonmentL | | AND A ARM | 24 997 69 9 | 24 3 | 25 | ΨV | |
| Co | ompany PETHTEL | OILEGAS | 20 | | OF WES | | AIV | |
| A | ddress Se Frank Pet | btel Booted, Al | emport Ohio | 0 4 5 76 7 OIL A | AND GAS | | N | |
| Fa | ırıı D. & H. Shib | gleton | | | CHARLES' | ron | | |
| 10 | actAcres _ | | No | The second section was | | E C 400. 15 4 | gs. gs. co- | |
| W | ell (Farm) NoOne | Serial I | Vo | WELLI | LUCAT | ION | MA | ·F |
| El | evation (Spirit Level) | 927 | | Part I Part | 0.47-0 | 73 - | 073 | 2 |
| Qı | iadrangle <u>Ellenbor</u> | o 71/2 , St. | Marys 15' | e e e e e e e e e e e e e e e e e e e | | · · · · · · · · · · · · · · · · · · · | | - Heriotopia |
| Co | ounty <u>Pleasonts</u> | District_N | | + Denotes loc | ation of we | ll on Uni | ted Str | ites |
| En | ngineer | street ! | | Topographic M and longitude | Iaps, scale I | \$0 42,500 | 5, latit | ude |
| 200 | igineer's Registration | U | LLS 200 | border lines as | | -s acpic | rous i Oli | ا لات |
| 8 | le No. | | | - Denotes one | inch space | s on bore | ler line | e of |
| 85 | | 2 Scale 1":10 | | original tracing | | | | المحكم |

TRASCO 200 8-78 MC 82980

3000' Gordon 6-6 Hoppen Run

(372) MAR 2 1 1979





IV-35 (Rev 8-81)

DEPT. of MINEState of Mest Hirginia

Pepartment of Alines
Gil and Gas Pivision

| Date_ | 0 | cto | be | r 17. | 1984 |
|--------|------|-----|-----------|-------|--------|
| Operat | or's | | | | |
| Well N | io | # | <u>#1</u> | 2 2 2 | |
| Farm_ | D. | & | H. | Shin | gleton |
| API No | , 4' | 7 | 07 | 3 - | 0732 |

WELL OPERATOR'S REPORT

OF

| DRILLING, FRACTURING | AND/OR | STIMULATING, | OR | PHYSICAL | CHANGE |
|----------------------|--------|--------------|----|----------|--------|
| | | | | | |

| WELL TYPE: Oil XX / Gas XX / Liquid Injection (If "Gas," Production / Undergrou | / Wast nd Storag | e Disposa e/ Deep | l/ p/ Sha | llow/) |
|-----------------------------------------------------------------------------------|---------------------|----------------------|--------------------|--------------------|
| LOCATION: Elevation: 927 Watershed Pa | nther Ru | ın | | • |
| District: McKim County Pleas | - 6 T | | e Ellenb | oro 7.5 |
| | | | | |
| COMPANY Pethtel Oil Gas Co. | | | | |
| ADDRESS P. O. Box 21, St.Marys, WV26170 | Caşing | Used in | Left | Cement |
| DESIGNATED AGENT Zedack Pethtel | Tubing | Drilling | | fill up Cu. ft. |
| ADDRESS P. O. Box 21, St. Marys, WV 26170 | Size | | | |
| SURFACE OWNER West Virginia Pulp & Paper | 20-16 | Scotland and State | | |
| ADDRESS | Cond. | 070 | 27.0 | |
| MINERAL RIGHTS OWNER D. & H. Shingleton | 36-10" 9 5/8 | 210 | 210 | to surfac |
| ADDRESS Rt. #1, St. Marys, WV 26170 | | 1012 | null od | |
| OIL AND GAS INSPECTOR FOR THIS WORK Phillip | 8 5/8 | | pulled | |
| Tracey ADDRESS Middlebourne, WV | 7 5 1/2 | 1724 | pulled | |
| PERMIT ISSUED April 26, 1979 | | 3048 | 3048 | 247cu.ft |
| DRILLING COMMENCED July 19, 1979 | 4 1/2 3 | J.O.+O | 7040 | 24/CU.10 |
| DRILLING COMPLETED 7 | 2 | | | |
| IF APPLICABLE: PLUGGING OF DRY HOLE ON | 1 | | | |
| CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON_ | Liners used | | | |
| GEOLOGICAL TARGET FORMATION 4th sand | | Dept | -h 2916 - 2 | 930 feet |
| Depth of completed well 3066 feet Ro | | | | |
| Water strata depth: Fresh 300 feet; | | | ********** | |
| Coal seam depths: none | | | ed in the | area? no |
| OPEN FLOW DATA | | | | |
| Producing formation | Pav | zone dept | -h | feet |
| Gas: Initial open flow 120 Mcf/d (| | | | |
| Final open flow 60 Mcf/d | | | | |
| Time of open flow between initia | | | | |
| Static rock pressure 835 psig(surface | | | | |
| (If applicable due to multiple completion- | -) | | | |
| Second producing formation | Pay | zone dept | -h | feet |
| Gas: Initial open flow Mcf/d (| | | | |
| Final open flow Mcf/d (| | | | |
| Time of open flow between initia | | | | |
| Static rock pressurepsig(surface) | measureme | nt) after_ | hou | rs shut in |
| | | (Contin | M.a. a.a | |

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 10 - .41 perfs at 2918 - 2926 600 bbl. "slick" water frac 30,000# 20/40 sand, 12 gal. clay stay, 50 gal. Parasperce, 15 gal. Parachek (Halliburton)

Supper Dw. undiff

WELL LOG

| | | | T | 1 | REMARKS |
|----------------|-----------|-------------|--------------|-------------|-----------------------------------|
| FORMATION | COLOR HAR | ח טס פטבייי | TOP FEET | BOTTOM FEET | |
| TORMION | WIOR HAR | D OR SOFT | 105 LEET | BULLOW FEEL | and salt water, coal, oil and gas |
| slate | red | soft | 0 | 10 | da sair water, coar, orr and gas |
| slate | yellow | soft | 10 | 25 | |
| slate | gray | soft | 25 | 64 | |
| slate | red | soft | 64 | 100 | |
| shale | gray | hard | 100 | 105 | |
| shale | red | soft | 105 | 115 | |
| shale | gray | soft | 115 | 126 | |
| shale | red | soft | 126 | 131 | |
| shale | gray | soft | 131 | 174 | |
| shale | red | soft | 174 | 212 | |
| shale | gray | soft | 212 | 254 | |
| sand | White | hard | 254 | 329 | 300'fresh water-7-10 bailers |
| shale | gray | soft | 329 | 355 | per hour |
| shale | red | soft | 355 370 | 355 370 | |
| shale | gray | soft | 370 | 532 | · |
| shale | red | soft | 532 | 542 | |
| shale | gray | soft | 542 | 615 | |
| shale | red | soft | 615 | 643 | |
| shale | gray | soft | 643 | 655 | |
| sand | gray | hard | 655 | 655 675 | |
| shale | gray | soft | 675 825 | 825 | |
| shale | pink | soft | 825 | 847 | • |
| sand | gray | hard | 847 | 944 | |
| shale | red | soft | 944 | 954 | |
| shale | gray | soft | 954 | 1023 | |
| shale | red | soft | 1023 | 1102 | |
| shale | gray | soft | 1102 | 1143 | |
| sand | gray | soft | 1143 | 1150 | • |
| shale | gray | hard | 1150 | 1454 | |
| sand | gray | soft | 1454 | 1480 | |
| shale | gray | hard | 1480 | 1604 | • |
| sande shale | gray | hard | 1604 | 1641 | |
| sand | gray | soft | 1641 | 1730 | |
| shale | white | hard | 1730 | 1752 | Gas 1737 - 1743 |
| sand. | gray | soft | 1752 | 1810 | 0 3076 3010 |
| shale | gray | hard | 1810 | 1855 | Gas 1836 - 1848 |
| lime | gray | soft | 1855 | 1882 | |
| sand | prown | hard | 1882 | 1921 | Character 2000 |
| shale | gray | hard | 1921 | 1970 | Show 0il 1957 - 1970 |
| C. I C | gray | soft | (APTACH Sept | rate sheets | as necessary) |

Pethtel Oil & Gas Co.

Well Operator

By: Jedack Pethtel

Dates October 17, 1984

Note: Regulation 2.02(i) provides as follows:

"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coal, encountered in the drilling of a well."

Page 2

D. & H. Shingleton #1 47-073-0732

| sand shale sand shale sand shale sand shale sand shale shale | gray gray gray gray gray gray gray gray | hard soft hard hard hard soft hard | 2004 2087 2468 2522 2689 2711 2800 2825 2935 2942 | 2087 2468 2522 2689 2711 2800 2825 2935 2942 3070 | Gas & Oil 2468-2476 T.D. Driller |
|--------------------------------------------------------------|-----------------------------------------|------------------------------------|------------------------------------------------------------------------------|------------------------------------------------------------------------------|----------------------------------|
|--------------------------------------------------------------|-----------------------------------------|------------------------------------|------------------------------------------------------------------------------|------------------------------------------------------------------------------|----------------------------------|

Up. Dev. undiff@ TD.

TO THE DEPARTMENT OF MINES, Charleston, W. Va.

and the well operator authorized to proceed.

BLANKET BOND







February 28, 1979

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

| Surface Owner West Va. Pulp & Pap | er Com | npany Pethtel Oil & Gas Co. |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| Address | Add | ress Rt. 3, New Matamoras, Ohio 4576 |
| Mineral Owner Delbert & Harry Shi | ngleton Farr | n D. &H. Shingleton Acres 144 |
| Address Rt. #1, St. Marys W.Va. | 26170 Loca | ation (waters) Panther Run |
| Coal Owner N/A | | No. 1 (one) Elevation 927 |
| Address N/A | Disti | 7-7 T |
| | | drangle Ellenboro 7 1/2 |
| Address | | |
| THIS PERMIT MUST BE POSTED AT THE WELL | SITE | |
| of the W. Va. Code, the location is hereby approperations have not commenced by // Deputy Director - Oil & Gas Division GENTLEMEN: | oved INSPEC. TO BE I | NOTIFIED Phillip Tracy |
| The undersigned well operator is entitled to dr | ill upon the shove | named farm or tract of land for oil and gas, having fee |
| arry Shingletonmade to Frank E. Pe 19 79 .n Pleasants County, Book XX NEW WELL DRILL DE OIL AND GAS WELL ORIGINALLY The enclosed plat was prepared by a registered have been notified as of the above date. | ethtel 151 Pa EPER Y DRILLED BEFO d engineer or licens | REDRILLFRACTURE OR STIMULATE |
| to make by Section 3 of the Code, must be received. Copies of this notice and the enclosed plat were | red by, or filed with e mailed by register | h the Department of Mines within ten (10) days. * red mail, or delivered to the above named coal operators |
| or coal owners at their above shown respective a same day with the mailing or delivery of this copy | ddress to the Departmen | day before, or on the at of Mines at Charleston, West Virginia. |
| PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO: WEST VIRGINIA GEOLOGICAL AND ECONOMIC SURVEY P. O. BOX 879 MORGANTOWN, WEST VIRGINIA 26505 AC-304 - 292-6331 | Very tr (Sign N Address of Well Operator | Route 3 Street New Matamoras City or Town |
| | | Ohio 45767 State |
| BT.ANKETT BOND | | , State |

*SECTION 3.... If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved

47-073-0732 PERMIT NUMBER

THIS IS AN ESTIMATE ONLY ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

| CASING AND TUBING SIZE CASING AND TUBING SIZE DRILLING 20 - 16 DEXX 10 9 - 5/8 8 - 5/8 1000 7 1600 5 ½ 4 ½ 3000 APPROXIMATE FRESH WATER DEPTHS APPROXIMATE COAL DEPTHS S COAL BEING MINED IN THE AREA? NO TO DRILL: SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMI OF PLAT. O DRILL DEEPER OR REDRILL: SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGI WELLS DRILLED PRIOR TO 1929, A PERMANENT COMUST ALSO BE SUBMITTED. O FRACTURE - STIMULATE: OIL AND/OR GAS WELL ORIGINALLY DRILLED REFORM | RESPONSIBLE AGENT NAME BUT1 W. SM ADDRESS Rt. 39, TELEPHONE 304-6 ROTARY COMB. XX STORAGE ING WATER FLO LIFT IN WILL 250 SALT WATER BY WHOM? | CABLE TOOLS XXX CABLE TOOLS XXX COD OTHER CIMINETH UP OR SACKS CUBICIT 82 sacks Perf. Top Perf. Bottom Perf. Bottom FEET |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| ADDRESS ROUTE1, Newport Ohio 45768 TELEPHONE 614-473-2839 ESTIMATED DEPTH OF COMPLETED WELL: 3000' PROPOSED GEOLOGICAL FORMATION: GOTDON TYPE OF WELL: OIL GAS RECYCL TENTATIVE CASING PROGRAM: CASING AND TUBING USED FOR DRILLING 20 - 16 13XX 10 250' 9 - 5/8 8 - 5/8 1000' 16 16 17 1600' 18 19 10 10 10 10 10 10 10 10 10 10 10 10 10 | ADDRESS Rt. 39, TELEPHONE 304-6 ROTARY COMB. XX STORAGE ING WATER FLO LITT IN WILL 250 SALT WATER BY WHOM? | St. Marys, W.Va. 84-7259 CABLE TOOLS XXX DISPOSAL OOD OTHER CIMINITITUP OR SACKS CUBICIT 82 sacks Perf. Top Perf. Bottom Perf. Bottom FEET |
| ESTIMATED DEPTH OF COMPLETED WELL: 3000 PROPOSED GEOLOGICAL FORMATION: GORDON TYPE OF WELL: OIL GAS RECYCL TENTATIVE CASING PROGRAM: CASING AND TUBING SIZE DRILLING 20 - 16 EXX 10 250 PROPOSED SIZE DRILLING 3 - 5/8 8 - 5/8 1000 PROPOSED SIZE DRILLING 3 - 5/8 5 - 5/8 1000 PROPOSED SIZE DRILLING 3 - 5/8 5 - 5/8 1000 PROPOSED SIZE DRILLING 3 - 5/8 5 - 5/8 1000 PROPOSED SIZE DRILLING 3 - 5/8 3 - 5/8 1000 PROPOSED SIZE DRILLING 3 - 5/8 3 - 5/8 5 - 5/8 1000 PROPOSED SIZE DRILLING 5 - 5/8 5 - 5/8 1000 PROPOSED SIZE DRILLING 5 - 5/8 5 - 5/8 1000 PROPOSED SIZE DRILLING 5 - 5/8 5 - 5/8 1000 PROPOSED SIZE DRILLING 5 - 5/8 5 - 5/8 1000 PROPOSED SIZE DRILLING 5 - 5/8 5 - 5/8 1000 PROPOSED SIZE DRILLING 6 - 1, SHOWING ORIGINALLY DRILLED REPOSED SIZE DRILLED REPOSED 6 - 5/8 6 - 5/8 7 - 1000 PROPOSED SIZE DRILLING 6 - 1, SHOWING ORIGINALLY DRILLED REPOSED 6 - 5/8 6 - 5/8 7 - 1000 PROPOSED SIZE DRILLING 6 - 1, SHOWING ORIGINALLY DRILLED REPOSED 6 - 5/8 6 - 5/8 7 - 5/8 7 - 5/8 8 - 5/8 1000 PROPOSED SIZE DRILLING 6 - 5/8 1000 PROPOSED SIZE DRILLING 6 - 5/8 1000 PROPOSED SIZE DRILLING 6 - 5/8 1000 PROPOSED SIZE 1000 PROPOSED SIZ | TELEPHONE 304-6 ROTARY COMB. XX STORAGE ING WATER FLO LEFT IN WILL 250 SALT WATER BY WHOM? | CABLE TOOLS XXX DISPOSAL OOD OTHER CIMINITITI UP OR SACKS CUBICIT 82 sacks Perf. Top Perf. Bottom Perf. Bottom FEET |
| ESTIMATED DEPTH OF COMPLETED WELL: 3000 PROPOSED GEOLOGICAL FORMATION: GORDON RECYCL TYPE OF WELL: OIL GAS RECYCL TENTATIVE CASING PROGRAM: CASING AND TUBING USED FOR DRILLING 250 PRILLING 250 PRILLING 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 | ROTARY | CABLE TOOLS XXX DISPOSAL OOD OTHER CIMINETHI UP OR SACKS CUBICIT 82 sacks Perf. Top Perf. Bottom Perf. Bottom FEET |
| PROPOSED GEOLOGICAL FORMATION: GORDON TYPE OF WELL: OIL GAS RECYCL TENTATIVE CASING PROGRAM: CASING AND TUBING SIZE DRILLING 20 - 16 EXX 10 250° - 5/8 3 - 5/8 1000° 1600° 3 /2 3 /2 3 /2 3 /2 APPROXIMATE FRESH WATER DEPTHS NO COAL BEING MINED IN THE AREA? NO O DRILL: SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMI OF PLAT. O DRILL DEEPER OR REDRILL: SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINALLY DRILLED REFORE MUST ALSO BE SUBMITTED. O FRACTURE - STIMULATE: OIL AND/OR GAS WELL ORIGINALLY DRILLED REFORE | SALT WATER SOMB XX STORAGE WATER FLO LITTIN WILL 250 SALT WATER BY WHOM? | CIMINETHIUP OR SACKS CUBICIT 82 sacks Perf. Top Perf. Bottom Perf. Bottom FEET |
| TYPE OF WELL: OIL GAS RECYCL RECYCL TENTATIVE CASING PROGRAM: CASING AND TUBING SIZE DRILLING 20 - 16 EXX 10 250 9 9 - 5/8 8 - 5/8 1000 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 1600 9 160 | SALT WATER | CTMINITITUP OR SACKS CUBICIT 82 sacks Perf. Top Perf. Bottom Perf. Bottom FEET |
| TENTATIVE CASING PROGRAM: CASING AND TUBING SIZE DRILLING 20 - 16 EXX 10 250 ° 3 - 5/8 3 - 5/8 1000 ° 3 /2 1600 ° 3 /2 20 - 16 EXX 10 250 ° 3 - 1600 ° 3 /2 3 - 1600 ° 3 /2 3 - 1600 ° 3 /2 3 - 1600 ° 3 /2 3 - 1600 ° 3 /2 3 - 1600 ° 3 /2 3 - 1600 ° 3 /2 3 - 1600 ° 3 /2 3 - 1600 ° 3 /2 3 - 1600 ° 3 /2 3 - 1600 ° 4 - 1600 ° 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 | LUIT IN WILL 250 3000 SALT WATER BY WHOM? | CIMINETHLUP OR SACKS CUBICIT 82 sacks 120 sacks Perf. Top Perf. Bottom Perf. Bottom FEET |
| TENTATIVE CASING PROGRAM: CASING AND TUBING SIZE DRILLING 20 - 16 EXX 10 250 ° 3 - 5/8 3 - 5/8 1000 ° 3 /2 1600 ° 3 /2 20 - 16 EXX 10 250 ° 3 - 1600 ° 3 /2 3 - 1600 ° 3 /2 3 - 1600 ° 3 /2 3 - 1600 ° 3 /2 3 - 1600 ° 3 /2 3 - 1600 ° 3 /2 3 - 1600 ° 3 /2 3 - 1600 ° 3 /2 3 - 1600 ° 3 /2 3 - 1600 ° 3 /2 3 - 1600 ° 4 - 1600 ° 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 5 /2 | LUIT IN WILL 250 3000 SALT WATER BY WHOM? | CIMINETHLUP OR SACKS CUBICIL 82 sacks 120 sacks Perf. Top Perf. Bottom Perf. Bottom FEET |
| CASING AND TUBING SIZE DEPTHS DEPTHS NO SECOAL BEING MINED IN THE AREA? NO DRILL: SUBMIT FIVE (5) COPIES OF OG -1, SHOWING ORIGINALLY DRILLED BEFORE OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE OIL AND/OR | 250° 3000° SALT WATER BY WHOM? | CIMINTTHIT UP OR SACKS CUBICITE 82 sacks 120 sacks Perf. Top Perf. Bottom Perf. Top Perf. Bottom |
| CASING AND TUBING SIZE DRILLING 20 - 16 DEX 10 9 - 5/8 8 - 5/8 1000 ° 1600 ° 144 3000 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 ° 1600 | 250 ° 3000 ° SALT WATER BY WHOM? | 82 sacks 120 sacks Perf. Top Perf. Bottom Perf. Bottom FEET |
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| 250° 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 5/8 3 - 1000° 3 - 1600° 3 - 1600° 3 - 1600° 3 - 1600° 3 - 1600° 3 - 1600° 3 - 1600° 3 - 1600° 3 - 1600° 4 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1600° 5 - 1 | SALT WATER BY WHOM? | 120 sacks Pert. Top Perf. Bottom Perf. Top Perf. Bottom |
| 1000° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° 1600° | SALT WATER BY WHOM? | 120 sacks Pert. Top Perf. Bottom Perf. Top Perf. Bottom |
| 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 1600 1 | SALT WATERBY WHOM? | 120 sacks Perf. Top Perf. Top Perf. Bottom FEET |
| APPROXIMATE FRESH WATER DEPTHS 150 FEET PROXIMATE COAL DEPTHS NO SECOAL BEING MINED IN THE AREA? NO ODRILL: SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT OF PLAT. ODRILL DEEPER OR REDRILL: SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINALLY DRILLED REFORM OF PLAT. OF | SALT WATER | 120 sacks Pert. Top Perf. Bottom Perf. Top Perf. Bottom |
| APPROXIMATE FRESH WATER DEPTHS 150 FEET PROXIMATE COAL DEPTHS NO COAL BEING MINED IN THE AREA? NO DRILL: SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT OF PLAT. DO DRILL DEEPER OR REDRILL: SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINALLY DRILLED REFORE OF AND | SALT WATER | Pert. Top Perf. Bottom Perf. Bottom Perf. Bottom FEET |
| APPROXIMATE FRESH WATER DEPTHS 150 FEET PPROXIMATE COAL DEPTHS NO S COAL BEING MINED IN THE AREA? NO O DRILL: SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMI OF PLAT. O DRILL DEEPER OR REDRILL: SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGI WELLS DRILLED PRIOR TO 1929, A PERMANENT COMUST ALSO BE SUBMITTED. O FRACTURE - STIMULATE: OIL AND/OR GAS WELL ORIGINALLY DRILLED REFORE | SALT WATER | Perf. Top Perf. Bottom Perf. Bottom FEET |
| APPROXIMATE FRESH WATER DEPTHS 150 FEET APPROXIMATE COAL DEPTHS NO COAL BEING MINED IN THE AREA? NO O DRILL: SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMI OF PLAT. D DRILL DEEPER OR REDRILL: SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGI WELLS DRILLED PRIOR TO 1929, A PERMANENT COMMUST ALSO BE SUBMITTED. D FRACTURE - STIMULATE: OIL AND/OR GAS WELL ORIGINALLY DRILLED REFORE | BY WHOM? | Perf. Top Perf. Bottom Perf. Top Perf. Bottom FEET |
| APPROXIMATE FRESH WATER DEPTHS | BY WHOM? | Perf. Bottom Perf. Top Perf. Bottom FEET |
| APPROXIMATE FRESH WATER DEPTHS | BY WHOM? | Perf. Top Perf. Bottom FEET |
| S COAL BEING MINED IN THE AREA? NO O DRILL: SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMI OF PLAT. O DRILL DEEPER OR REDRILL: SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGI WELLS DRILLED PRIOR TO 1929, A PERMANENT COMUST ALSO BE SUBMITTED. O FRACTURE - STIMULATE: OIL AND/OR GAS WELL ORIGINALLY DRILLED REFORE | BY WHOM? | Perf. Bottom FEET |
| COAL BEING MINED IN THE AREA? O DRILL: SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMI OF PLAT. O DRILL DEEPER OR REDRILL: SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGI WELLS DRILLED PRIOR TO 1929, A PERMANENT COMUST ALSO BE SUBMITTED. O FRACTURE - STIMULATE: OIL AND/OR GAS WELL ORIGINALLY DRILLED REFORE | BY WHOM? | |
| OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AN ING ORIGINAL PERMIT NUMBER, AND PERFORMANCE | PY OF THE PLAT AND THE JUNE 5, 1929, FIVE (5) CORD. D/OR AFTER JUNE 5, 1929 BOND. | O PERFORMANCE BOND. ON HE ORIGINAL WELL RECORD OPIES OG - 1, PERFORMANCE , FIVE COPIES OG - 1, SHOW- |
| Required forms must be filed within ninety (90) days of co- four (24) hours in advance. | ompletion for bond release. I | |
| | | |
| The following waiver must be completed by the coal oper- ereof. | | |
| MVER: I the undersigned, Agent for this lease have examined and place on our mine map | Coal Company, Owner on this proposed well location | or Operator of the coal under |
| We the Coal Company has providing operator has complied with all rules and regul. Code. | we no objections to said well ations in Articles 4, 5, and 7, | being drilled at this location, Chapter 22 of the West Virginia |
| | | |
| | ** | Coal Company |
| | i.o. | |