







WR-35

DIVISION OF OIL & GAS DEPARTMENT OF ENERGY State of Mest Hirginia

DEPARTMENT OF ENERGY Gil und Gas Bivision

| Date | February 18, 1986 |
|--------|---------------------------|
| Operat | or's lo. Baxter #5 |
| Farm | Clarence Baxter |
| APT N | 2. 47 = 103 = 1373 |

WELL OPERATOR'S REPORT OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

| FIL TYPE: Oil X / Gas X / Liquid Injection (If "Gas," Production X / Undergrow | n_/Waste | Disposal | / / Sha | 11ow/) | |
|---|----------------------------|------------|-------------|-------------------|-------------|
| OCATION: Elevation: 1180 Watershed F | Proctor Cre | ek | | | |
| OMPANY Clay Resources, Inc. ADDRESS 204 Union Square, Marietta, OH 45750 | Casing | Used in | Left | Cement fill up | 7 |
| DESIGNATED AGENT Andy Brown | Tubing | Drilling | in Well | Cu. ft. | <u></u> |
| ADDRESS Box 32, Reader, WV 26167 | Size 20-16 Cond. | | | | |
| 99 Pennsylvania Ave. ADDRESS Cameron, WV 26033 | 13-10" | | | | |
| MINERAL RIGHTS OWNER SAME | 9 5/8 | | | | |
| ADDRESS | 8 5/8 | | | | |
| OIL AND GAS INSPECTOR FOR THIS WORK Robert General Delivery | 7 | | | | |
| Lowther ADDRESS Middlebourne, WV | 5 1/2 | | | | |
| PERMIT ISSUED December 10, 1985 | 4 1/2 | | 2831 | | |
| DRILLING COMMENCED December 27, 1985 | 3 | | | | |
| DRILLING COMPLETED December 30, 1985 | 2 | | | | |
| IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON | Liners used | | | | |
| Gordon Gordon | • | | pth 350 | | eet |
| Depth of completed well 2918 feet | Rotary_ | / Cab | le Tools | | |
| feet | ; Salt 21 | 60ree | :C | | |
| Coal seam depths: 970 | Is coa | l being mi | ned in t | he area?_ | No |
| OPEN FLOW DATA | F | de | mth 2802. | -2812 f | :eet |
| Producing formation Gordon | | ay zone de | m flow | n Rh | n1./ċ |
| Gas: Initial open flow 30 Mcf/d | 1 011: 1 | nitial ob | el rrow | 0 Bt | o1/0 |
| Final open flow 20 Mcf/c | i | final tee: | te 72 | hours | , |
| Time of open flow between in | uifiai am | rement) af | ter 72 | ours shu | t i |
| Static rock pressure 320 psig(sur | iace measu | reienc) as | <u></u> | | |
| (If applicable due to multiple complet | 10n) | Day zone d | enth | | fee |
| Second producing formation | a oil. | Initial or | en flow | В | b1/ |
| Gas: Initial open flow Mcf/ Final open flow Mcf/ | a ott | Final oper | flow | В | ь 1/ |
| Final open flowMCI/ Time of open flow between i | u UII: | final tes | sts | hours | |
| Time of open flow between 1 Static rock pressurepsig(surf | tace mesen nitrigit din | ement) aff | ter | hours shu | ıt : |
| Static rock pressurepsig(sur) | Luce neadur | | ntirue on | - | ٠. |

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

PERFORATED: 20 Shots: 2788-2798 Gordon

FRAC: $N^2 = 1,200,000 \text{ SCF}$

WELL LOG

| | W | ELL LOG | | | |
|--|--|---|---|--|--|
| FORMATION COLOR HARD OR SOFT | TOP FEET | BOTTOM FEET | REMARKS Including indication of all fresh and salt water, coal, oil and gas | | |
| Sand & shale shale & limestone shale, limestone, redrock shale, limestone shale Sand & shale sand shale | 0 600 1284 1350 2100 2500 2600 2700 | 600 1284 1350 2100 2500 2600 2700 2918 | Injun: 2100 - 2198 *Squaw: 2352-2368 *Berea: 2448-2452 Gordon: 2802-2812 | | |
| | | | | | |
| | | | • | | |
| | | | | | |

(Attach separate sheets as necessary)

| | LAY RESOURCES, INC. | · · · · · · · · · · · · · · · · · · · | . 1 |
|---------|---------------------|---------------------------------------|------------|
| | perator | • | |
| By: Van | dra L Schaff | V.Pres. | Operations |
| Date: | February 18, 1986 | | |

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 that, encountered in the drilling of a well."

| FORM W Obver 7/85 | W-2(B) | FILE COP | VE | |
|-------------------------|--------|----------|------|--|
| | M | NOV 25 | 1985 | |



| 1) | Date: No | v. 21 | | 85_يزا , |
|----|--------------|--------|------------|-----------|
| 2) | Operator's | Baxter | # 5 | |
| 3) | API Well No. | 47 | 103 | -1373 |
| | | State | Coun | ty Permit |

DIVISION OF OIL & GAS STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY APPLICATION FOR A WELL WORK PERMIT

| *) "LLLL I I | L. A 0 | ** | | 3 <u> </u> | | | | |
|----------------------------------|--------------|---------------|---------------------------------------|---|---------------------|--------------------------|--------------------------|--|
| | B (I | f "Gas", l | Production | <u> </u> | | | | _/ Shallow/) |
| 5) LOCATIO | | vation: 1 | | | | Proctor Cree | | |
| | | | roctor | | _ County: | Wetzel | Quadrangle: _! | New Martinsville |
| | ERATOR | Tay Re | source | s, Inc COD | E: <u>10025</u> | 7) DESIGNATED | AGENT Andy I | Brown |
| Address | | | on Squ | | | Address | <u>Box 32</u> | ? |
| | <u>M</u> | ariett | a, OH | 45750 | | | Reader | . WV 26167 |
| 8) OIL & GA | | | | FIED | | 9) DRILLING CO | ONTRACTOR: | |
| NameI | | | | | | Name | Unknown | 1 |
| Address | | | <u>Delive</u> | | ······ | Address | | |
| | <u>Mi</u> | <u>ddlebc</u> | urne, | WV 26149 | | | | |
| 0 PROPOSE | D WELL | WORK: | Drill | X Drill | deeper | / Redrill | / Stimulate | |
| , | | | | | • | orate new formation | | · |
| | | | | | well (specify) | | / | |
| i) GEOLOGI | CAL TAR | CET FOR | | | 419 | | | |
| 12) Estima | | | | 3100' | | 11160 | | |
| • | • | - | | 240'12 | fee | 22.2.40 | Grus S | and at rox, 1250 mit. 53 |
| 13) Appro | | - | | 900 - 1000 | ` I | lt, 21591 | feet. app | 704, 1250 wet. 53 |
| 14) Appro | | • | | 700 - 1000 | ls c | coal being mined in the | area? Yes | / No/ |
| 15) CASING A | AND TUBI | NG PRO | GRAM | | | | | |
| CASING OR TUBING TYPE | | SPEC | IFICATIONS Weight | 1 | FOOTAGE | INTERVALS | CEMENT FILL-UP | PACKERS |
| | Size | Grade | per ft. | New Used | For drilling | Left in well | OR SACKS (Cubic feet) | |
| Conductor | 1134 | | | | 360' | 360' | C.T. S. bus | Marie 15.05 |
| Fresh water | 8 5/8 | | | | 1380' | 1380' | CTS | i |
| Coal | 1 | | | | | 1300 | 015 | Per rule 15.05 |
| Intermediate | 1 | | † | | | | | Sizes |
| Production | 4 1/2 | | | | 21001 | 21001 | # | |
| ··· | 4 1/2 | | | | 3100' | 3100' | 500 + SKS | Depths set Per rule 15.0 |
| Tubing | | | | | | | | |
| Linc.s | \ | | | | | | | Perforations: |
| | ∦ | | | | | | | Top Bottom |
| | | ļ | | | | | | |
| | <u> </u> | | | | | | | |
| · | | | | | _ | | | |
| f 2-str | ing C | asmo | 2 Dr | garam is | s desired | l. must r | un no m | ore than |
| | | | 7 | | OFFICE USE | ONLY | un no m | 185/8 Cira to sur |
| | | | | | DRILLING P | | 1.000 | <u> </u> |
| | | | | | | | | |
| ermit number_ | 47- | -103- | 1373 | | | - | Dece | ember 10 19 85 |
| | | | | | | | Dat | |
| his permit cove | ring the w | eli operato | or and well | location shown | below is evidence | e of permission grante | ed to drill in accordan | ce with the pertinent legal re- |
| a. 8) Prior to th | e construct | ion of ros | de location | nerein and on the | reverse nereoi | otification must be give | en to the District Oil | and Gas Inspector, (Refer to tractor shall notify the proper |
| istrict oil and g | as inspecto | r 24 hours | s before ac | ns and pits for all tual permitted w | ork has commend | ced.) | en operator or his con | tractor shall notify the proper |
| he permitted w | oek is as di | | eha Nlasia | | | | | |
| ne permitted w everse hereof. | OI K 15 25 U | escribed in | the Notic | e and Application | n, piat, and reciar | mation plan, subject to | o any modifications a | nd conditions specified on the |
| ermit expires _ | Dec | cembe | r 10 | 1987 | unless we | ell work is commenced | prior to that data and | prosecuted with due diligence. |
| _ | | | · · · · · · · · · · · · · · · · · · · | | omess we | en work is commenced | prior to that date and | prosecuted with due difigence. |
| | | | | T | T | | | |
| Bond | Agent | ₽ P | lat: | Casing ! | Fee WPCI | P S&E | Other | |
| 1 - 1 | MAI | 16 | 011 | ma /1 /2 | 322 / | ulmul | | |
| | 1 17 | | 12 | 11/4/ | 100 111 | MIN WILL | 11 / | • |
| | | | | | | | 141 | |
| | | | | | | 11 | 1/1/ | |
| NOTE: Keep o | ne copy of | this perm | it posted a | it the drilling loc | ation. | Director, Dir | sion of Oil | and Gas |
| | | | | | 1 | rector, Die | ∡sion of Uil | and Gas File |

See the reverse side of the APPLICANT'S COPY for instructions to the well operator.