

| 1 | Datas | January | 22 |
|----|-------|---------|----|
| 1) | Date: | January | 22 |

2) Operator's

Davis S-157-1

Well No._ 47 - 021 - 4306 3) API Well No.

County Permit

, 1985

OIL & GAS DIV. DEPT. OF MINES

STATE OF WEST VIRGINIA DEPARTMENT OF MINES, OIL AND GAS DIVISION

APPLICATION FOR A WELL WORK PERMIT

| | | | | | • | | | | |
|--------------------------|-------------|-------------|--------------------|-----------|----------------------|-----------------------|-----------------------|---------------------------------------|--|
| 4) WELL TYI | | | | | | | птакол ви. | A PHOLIC ATTORIS | _/ Shallow _X/) |
| | В (І | f "Gas", | Production | · | | / Underground | storage | / Deep | _/ Shallow _X/) |
| 5) LOCATIO | N: Ele | vation: _ | 748 | 7.1 | | | Little Kan | lawiia Kivei | Tanner 7.5 |
| | | | Deka | | . T | County. | Gilmer | Quadrangle: | Stalnakar |
| 6) WELL OP | ERATOR_ | Gen | e Stari | nake | r, Inc. | 46925 | | DAGENT Gen | |
| Address | | | x 178 | 061 | \F1 | | Address | P.O. Box 1 Glenville, | |
| | | | le, WV | | 351 | | | | WV ZUJJI |
| 8) OIL & GA | | | | TIED | | | | Gene Staln | |
| Address | Sa | andrid | ge, WV | | | | Address | P.O. Box 1 | |
| | | 55-739 | | | | | | Glenville, | WV 26351 |
| O) PROPOSE | D WELL | WORK: | Drill | X | / Drill | deeper | / Redrill | / Stimulate X | |
| o) TROTOSE | D WELL | WORKE. | Plug of | f old f | formation | / Perfor | ate new formatio | n/ | |
| | | | | | | well (specify) | | | |
| 1) GEOLOGI | CALTAD | CET FOR | | | | (0) | | · · · · · · · · · · · · · · · · · · · | |
| 12) Estima | tad danth | of complete | ted well | | 2100 | feet | 6. At 1. | | |
| 12) Estima | ited depth | or complet | Erech | A 5-11 | 2100 | | , | feet. | |
| 13) Appro | ximate trai | a deptins: | Fresn, _ | | n/2 | | | he area? Yes | / No X |
| 14) Appro | | | | | II/a | | ar being mined in the | ne area. | |
| 5) CASING A | AND TUB | | | | | FOOTACE | INTERVALS | CEMENT FILL-UP | PACKERS |
| CASING OR TUBING TYPE | | SPEC | CIFICATIONS Weight | | | | 1 | OR SACKS | |
| TOBING TITE | Size | Grade | per ft. | New | Used | For drilling | Left in well | (Cubic feet) | |
| Conductor | 11 3/ | 4 | | X | | 40' | | | Kinds |
| resh water | | | | 100 | | No. | | | |
| Coal | | | | | 150 | | | | Sizes |
| ntermediate | 8 5/8 | CW | 20 | X | | 200' | 200' | To Surface / | y rule 15.05 |
| Production | 4 1/2 | | 10.5 | X | | | 2100' | | Spoths streguere a |
| Tubing | 4 1/4 | - Linking | | | | 7 - 7 - 7 - 7 - 7 - 1 | 100000 | by h | ule 1/5,01 |
| iners | | W | | | | | T. Para | | Perforations: |
| Zilicis | | | | | | | • | | Top Bottom |
| | | YEAR III | THE CASE | 7 10 | 1 (118.2) | | HELECT TO LEVEL | EST ESCUES (1 SEE | X-4149 (0.2 dc 3180) 8 |
| | | | | | | | | | |
| 14 | du-C | | - | | | | 1914 | 9 | |
| | | | | | | | | | |
| | | | | la) (Tex | 20161111 | OFFICE USE | ONLY | | devises trother |
| | | | | | | ORILLING PI | | | |
| | | | | | • | KILLING I | | Fol | oruary 7, 19 8 |
| Permit number | | 47-0 | 21-4306 | 5 | | | | | THE STATE OF THE PERSON OF THE |
| | | | | | | | | | atte |
| This permit cov | vering the | well opera | tor and we | ell locat | ion shown | below is evidence | of permission gra | nted to drill in accorda | nce with the pertinent lega |
| quirements sub | ject to the | conditions | contained | herein | and on the | reverse hereof. | Notification must | be given to the District | Oil and Gas Inspector, (Ref |
| Nie O) Deige to | the const | ruction of | roads, loc | ations 2 | ind dits for | ork has commend | JIK.III addition, the | well operator of his co | ntractor shall notify the pro- |
| listrict oil and | gas inspec | or 24 nou | irs before a | iciuai p | crimited w | ork mas comment | | et to any modifications | and conditions specified or |
| The permitted | work is as | described | in the Noti | ce and | Application | i, plat, and reclar | nation plan, subject | ct to any mounications | and conditions specified or |
| reverse hereof. | Fol | ruary | 7, 19 | 87 | | unlace we | all work is commen | ced prior to that date an | d prosecuted with due dilige |
| Permit expires | rei | or dary | 7, 20 | | | unicss we | on work is commen | oca pino. vo man anno a | |
| | | | 1 | | | | | | |
| Bond: | Age | ent: | Plat: | Cas | ing | Fee | 5 - | | 1 |
| 1117 | 10 | 11 2 | mll | h | 7/1 . | 767 | M | , , | Present 1 |
| 171 | 11/ | NI | 1/1 | 11 | 141 | | IV | Transt. | Lasse |
| | | | | | | 1 | 1 11 | Signal Office of | Oil and Gas |
| | | | | | process and the same | | A | dmin strator, Office of | On and Gas |
| | | | | | | | / | | |
| NOTE: Keep | one copy | of this per | rmit posted | at the | drilling loc | ation. | | | I |

STATE OF THE PROPERTY OF THE PARTY OF THE PA



P.O. Bot 178

OFFICE USE ONLY

PERMIT MODIFICATIONS AND CONDITIONS (IF ANY) TO THE PROPOSED WELL WORK

Perforate new toron

were open or to Staimaker, Inc. 46915 of resideaters Gene Staimaker, Gene Staimaker

| paragon All at the | AUUIS . | 1 -12 | 2 ERW 10.3 3 | VI. A. Carpellone |
|--|---|---|---|---|
| Annual Prince Control of the Control | OFFICE USE ON | LY | | Table Table |
| This part of Form IV-2(b) is to record the | dates of certain occurrence | es and any fol | low-up inspections. | |
| | Date | | | Date(s) |
| Application received | Follow | v-up inspectio | n(s) | |
| Well work started | THE 19 OXIA | *************************************** | 47-021-4308* | |
| Completion of the drilling process | ed tour note and the company of the | | | |
| Well Record received | LULAN TRUSO AND | A risk hart har y | | har silved for the real restriction for the silved |
| Reclamation completed | " | g atolicology, is | e desilled in the Name of Checkery 7, 1987 | |
| OTHER INSPECTIONS | | | | *** |
| Reason: | 11 100 | IT - USE | 4 UM UP | CY THI |
| Reason: | at 1 1 | | | |

the the reversition of the ALPHACATTS COPY for married on the near operator

SURFACE OWNER'S COPY



| 1) | Date: Jan | uary | 22 | _, 1985 |
|----|------------------------|-------|---------|---------------|
| 2) | Operator's Well No. | avis | s-157-1 | (8)2.49 86509 |
| 3) | API Well No. | 47 | | |
| , | | State | County | Permit |

STATE OF WEST VIRGINIA DEPARTMENT OF MINES, OIL AND GAS DIVISION APPLICATION FOR A WELL WORK PERMIT

| | B (If | il f "Gas", Pr | / Ga | | | / Underground sto | orage | / Deep | _/ Shallow X/) |
|--|---|--|--|---|--|--|--|---|---|
| 5) LOCATIO | | vation: | 748 | 713.5 | T 100 (1) | | ittle Kans | wha River | |
| | Dist | trict: | Deka | DATE OF THE PARTY | | County:Gi | lmer | Quadrangle: | Canner 7.5 |
| 6) WELL OP | ERATOR_ | VARIABLE PARKS & R.W. SHOW | Staln | aker | , Inc. | 14/1/5 7 | DESIGNATE | DAGENTGene | Stalnaker |
| Address | | O. Box | 178 | | | | Address | P.O. Box 17 | 18 |
| | Glo | enville | e, WV | 263 | 51 | <u>an g</u> ange rege | | Glenville, | WV 26351 |
| 8) OIL & GA | | | E NOTIF | IED | | 9 | DRILLING C | ONTRACTOR: | divino exigi se conteste en |
| Name | | o Mace | | | | | Name | Gene Stalna | THE RESERVE THE PROPERTY OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO |
| Address | S. S. S. S. Santana and S. S. Santana | ndridge | a, WV | | | O OF SERVICE SALESPAN | Address | P.O. Box 17 | 18 |
| | | 5-7398 | | | | | | Grenville, | WV 26351 |
| 10) PROPOSE | D WELL W | | | f old f | / Drill ormation_ | | _/ Redrill e new formation | / Stimulate/ | 96. 63 St. 104 TET 14 |
| | | | | | | well (specify) | Charles Co. | TERROLIDAS SER, V. SE | F 1277821210-3.082 05 9180-57 |
| 11) GEOLOGI | | | | | Injun | 0 | | | |
| 12) Estima | | | | | 31.1010 | feet | SING FOR | fact | |
| 13) Appro | | | | | n/a | feet; salt,_ | being mined in th | feet. | / No. X |
| 14) Appro | | | | | M/ G | Is coal | being mined in th | e area? Tes | / NO |
| CASING OR TUBING TYPE | Size | | FICATIONS Weight | New | Used | FOOTAGE IN | TERVALS Left in well | CEMENT FILL-UP OR SACKS (Cubic feet) | PACKERS |
| Conductor | 11 2/4 | Grade | per ft. | New | Useu | 40° | Left iii weii | (Cubic reet) | Kinds |
| Fresh water | TT 31 4 | | | A | | 40 | | | Kinus |
| Coal | | | | | | | | | Sizes |
| Intermediate | 0 5/8 | CW 2 | 20 | Y | | 2001 | 2001 | To Surface | Sizes |
| Production | 6 3/2 | CONTROL SANGE OF | 10.5 | Y | | 72.00 | 2100' | Fill Up | Depths set |
| Tubing | | DIEF SA 19 | | | | | | | |
| Liners | 327 3216 | | 10000000 | 75,410 | | | | | Perforations: |
| 78 | | | | | | | | | Top Bottom |
| 3 | B | | | | | | | | |
| 25 g | | in suit see | 710 5 10 | | Sin all a | increase the best of the | no make and the health o | e tata, Kataran at Line | maner political of others. |
| | 5 | | | | 4 | | ACCURATION OF | en and were lab a rail | The section of the many control |
| S 03 | | ASSESSMENT OF REAL PROPERTY AND ADDRESS. | | | | | | | |
| N 2 3 19 | the filing | of the Appl | lication if | the sur owner | face owner 's copy of | | the following "Vo | n be issued in less than pluntary Statement of M | |
| I hereby str. copies of (1) a N on Form IV-6, | the filing of on a facsi ate that I ha Notice of Ap | of the Applimile of this ave read the opplication for | lication if is surface e instructi for a Well in and Ree | vo ons to s Work | face owner 's copy of DLUNTAR Surface own Permit on I on Plan on | r(s) of record sign(s) the Application. Y STATEMENT Of the reverse some record in the recor | F NO OBJECTION de of this Application for a proposed well w | DN ation for a Well Work a Well Work Permit on ork on my surface lan | No Objection" Permit, and that I have rece Form IV-2(B), (3) a survey d as described therein. |
| I hereby str copies of (1) a N on Form IV-6, | the filing of on a facsi ate that I ha Notice of Ap | of the Applimile of this ave read the opplication for | lication if is surface e instructi for a Well in and Ree | vo ons to s Work | face owner 's copy of DLUNTAR Surface own Permit on I on Plan on | r(s) of record sign(s) the Application. Y STATEMENT Of the reverse some record in the recor | F NO OBJECTION de of this Application for a proposed well w | DN ation for a Well Work a Well Work Permit on ork on my surface lan | No Objection" Permit, and that I have rece Form IV-2(B), (3) a survey d as described therein. |
| I hereby str. copies of (1) a N on Form IV-6, | the filing of on a facsi on a facsi ate that I ha Notice of Ap and (4) a C ate that I ha | of the Applimile of this ave read the opplication for construction ave no objective and the opplication for the opplication fo | lication if is surface e instructi for a Well n and Re- ection to t | voons to s Work lelamatiche plan | face owner 's copy of DLUNTAR Surface own Permit on I on Plan on | r(s) of record sign(s) the Application. Y STATEMENT Of the reverse second IV-2(A), (2) and Form IV-9, all for described in these managements. | F NO OBJECTION de of this Application for a proposed well w | DN ation for a Well Work a Well Work Permit on ork on my surface lan e no objection to a per | No Objection" Permit, and that I have rece Form IV-2(B), (3) a survey d as described therein. |
| I hereby street copies of (1) a from IV-6, I further street materials. (For execution NAME: | ate that I ha Notice of Ap and (4) a C ate that I ha by corporat | of the Applimile of this ave read the pplication for Construction ave no objection, partners | lication if is surface e instructi for a Well n and Re- ection to t | voons to s Work lelamatiche plan | face owner 's copy of DLUNTAR Surface own Permit on I on Plan on | r(s) of record sign(s) the Application. Y STATEMENT Of the reverse second IV-2(A), (2) and Form IV-9, all for described in these managements. | F NO OBJECTION de of this Application for a proposed well waterials, and I have | DN ation for a Well Work a Well Work Permit on ork on my surface lan e no objection to a per aral persons) Lough Occ | No Objection" Permit, and that I have rece Form IV-2(B), (3) a survey |
| I hereby street copies of (1) a from IV-6, I further street materials. (For execution NAME: | the filing of on a facsi on a facsi ate that I ha Notice of Ap and (4) a C ate that I ha | of the Applimile of this ave read the pplication for Construction ave no objection, partners | lication if is surface e instructi for a Well n and Re- ection to t | voons to s Work lelamatiche plan | face owner 's copy of DLUNTAR Surface own Permit on I on Plan on | r(s) of record sign(s) the Application. Y STATEMENT Of the reverse second IV-2(A), (2) and Form IV-9, all for described in these managements. | F NO OBJECTION de of this Application for a proposed well waterials, and I have | DN ation for a Well Work a Well Work Permit on ork on my surface lan e no objection to a per | Permit, and that I have rece Form IV-2(B), (3) a survey d as described therein. mit being issued based on t |

INSTRUCTIONS TO SURFACE OWNERS AND EXPLANATION OF METHODS AND TIME LIMITS TO COMMENT ON OIL AND GAS WELL WORK PERMIT

The well operator named in the Notice and this Application and the attached materials is applying for a permit from the State to do oil or gas well drilling or other well work. You are being served with these materials because surface owners have the right to file comments before the permit is issued. (NOTE: If the surface tract is owned by more than three persons, in multiple heirship for example, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22, Article 4 of the W. Va. Code. Permits are valid for 24 months.

If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator named in the materials and the Administrator of the Office of Oil and Gas in the West Virginia Department of Mines immediately.

NOTE: You are not required to file any comment at all.

Where to file comments and obtain additional information:

Administrator of the Office of Oil and Gas West Virginia Department of Mines 1615 Washington Street East Charleston, West Virginia 25311 (304) 348-2057

Who may file comments? If you wish to file comments, you must be an owner of record of (1) an interest in the surface tract on which the well already is or is about to be located, or (2) an interest in any other surface tract under the same oil or gas lease which will be utilized for roads or other land disturbances.

Time limits for comments. The law requires these materials to be delivered on or before the date the operator files his Application. You have FIFTEEN (15) DAYS after the filing date to file your comments as provided in Methods for Filing Comments below. You may call the Administrator's office at the above telephone number to be sure of the date. However, if you have been contacted by the well operator, and if you have signed a "voluntary statement of no objection" to any of the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments must include your name, address and telephone number, the well operator's name and well number, and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

Methods for filing comments. Comments must be filed in person or received in the mail at the Administrator's office by the time stated above. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling.

The Administrator for Oil and Gas has the power to deny or condition a well work permit based on your comments on the following grounds:

- "(1) The proposed well work will constitute a hazard to the safety of persons; or
- "(2) The plan for soil erosion and sediment control is not adequate or effective; or
- "(3) Damage would occur to publicly owned lands or resources; or
- "(4) The proposed well work fails to protect fresh water sources or supplies."

If you want a copy of the permit as it is finally issued, or a copy of the order denying the permit, you should request a copy from the Administrator.

List of Water Testing Laboratories. The Administrator maintains a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Administrator's office or an Oil and Gas Inspector to obtain a copy of the list.

INSTRUCTIONS TO APPLICANT

CONCERNING THE LINE ITEMS:

- 1) Date of Notice.
- 2) Your well name and number.
- 3) To be filled out by the Office of Oil & Gas.
- 4) & 5) Use separate sheet if necessary.
 - 4) Surface owner(s) of record to be served with Notice and Application. However, see also Code § 22-4-lb(b) if "more than three tenants in common or other co-owners of interest described in subsection (a) of this section hold interests in such lands".
 - 5(i) "Coal Operator" means any person, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine.
- 5(ii, iii) See Code § 22-4-20.
 - 6) See Code § 22-4-11(c). However, in lieu of filing the lease(s) or other continuing contract(s), the Applicant may fill out the information in the space provided below.
 - 7) See Code § § 22-4-11(d, e).

CONCERNING THE REQUIRED COPIES FOR FILING AND SERVICE:

Filing. Code § 22-4-lk and Regulation 7.02 provide that the original and required copies of the Notice and Application must be filed with the Administrator, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code § 22-4-lk(d) and the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fees required by Code § 22-4-la(c) and 22-3-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well on dwelling within 200 feet of the proposed well.

Service. In addition, service must be made on the surface owner(s) and the person(s) with an interest in the coal. See Code § § 22-4-lm, 22-4-2, 22-4-2a, and 22-4-2b.

INFORMATION SUPPLIED UNDER CODE § 22-4-11(d) IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on the obverse side of this Notice, I depose and say that I am the person who signed the Notice for the Applicant, and that-

- (1) the tract of land is the same tract described in the Application to which this Notice applies, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

| Grantor, lessor | , etc. | Grantee, lessee, etc. | Royalty | Book P | Page |
|-----------------------|--------|-------------------------------------|---------|------------|-----------|
| Davis R. Stalnaker | | Richard Stalnaker Gene Stalnaker | 1/8 | 297 297 | 98 514 |

Storm

Notary Public, Gilmer

State of West Virginia

| 1) | Date: | January | 22 | |
|----|-------|---------|----|--|
| 1) | Date: | January | 22 | |

2) Operator's

Well No. Davis S-157-1

Telephone (304) 462-5701

3) API Well No. 47-62/-4306
State County Permit

,19 85

STATE OF WEST VIRGINIA DEPARIMENT OF MINES, OFFICE OF OIL & GAS

| | NOTICE OF APPLI | CATION FOR A WELL WORK PERMIT |
|--------------|--|---|
| 4) SU (i) | RFACE OWNER(S) OF RECORD TO BE S CHARLES W. DAVIO Name or O. C. Davis Heirs Address | ERVED 5(i) COAL OPERATORAddress |
| | Glenville, WV 26351 Name Address | 5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD: Name Address |
| | | |
| (iii) | Name | Name |
| | Address | Address |
| | | |
| | | 5(iii) COAL LESSEE WITH DECLARATION ON RECORD: |
| | | Address |
| | | ou should have received this Form and the following documents: |
| | cementing program; (2) The plat (surveyor's ma (3) The Construction and Replug a well), which set reclamation for the sit THE REASON YOU RECEIVED THE WHICH ARE SUMMARIZED IN THE "INS. (FORM IV-2(B) OR FORM 4, DESIGNA ACTION AT ALL. Take notice that under Chapter erator proposes to file or has fif for a Well Work Permit with the Fepartment of Mines, with respect and depicted on attached Form IV-Construction and Reclamation Plan by hand to the | SE DOCUMENTS IS THAT YOU HAVE RIGHTS RECARDING THE APPLICATION PRICTIONS" ON THE REVERSE SIDE OF THE COPY OF THE APPLICATION TED FOR YOU. HOWEVER, YOU ARE NOT REQUIRED TO TAKE ANY Let 22 of the West Virginia Code, the undersigned well op- led this Notice and Application and accompanying documents chainistrator of the Office of Oil and Gas, West Virginia to a well at the location described on attached Application 6. Copies of this Notice, the Application, the plat, and the have been mailed by registered. |
| | or deli | very to the Administrator. |
| | 6) EXTRACTION RIGHTS Check and provide one of the for Included is the lease or lease. | ollowing: uses or other continuing contract or contracts by which |
| | I hold the right to extra | act oil or gas. |
| | 7) ROYALTY PROVISIONS | ect oil or gas. -1-(c)(1) through (4). (See reverse side for specifics.) |
| | Is the right to extract, produc or other contract or contracts | e or market the oil or gas based upon a lease or leases providing for flat well royalty or any similar provision the oil or gas in place which is not inherent provision. |
| | If the answer above is you may use Affidavit Form IV-6 | No, nothing additional is needed. If the answer is Yes, |
| | See the reverse side for li the required copies of the Reclamation Plan. | ine item instructions, and for instructions concerning Notice and Application, plat, and Construction and |
| The ti | ruth of the information on the | |
| NOLICE | e and Application is verified | WEIL |
| TIME SA | worn to and the Notice is | OPERATOR Gene Stalnaker, Inc. |
| signed | on behalf of the Well Operator | |
| ru my | country and State by | Tts Productes |
| hicas | Gene Stalnaker | riesident |
| Mr. | day of Tanuary 10 | 05. |
| 1.1Å | pommission expires augusts, 199 | Glenville, WV 26351 |

County,

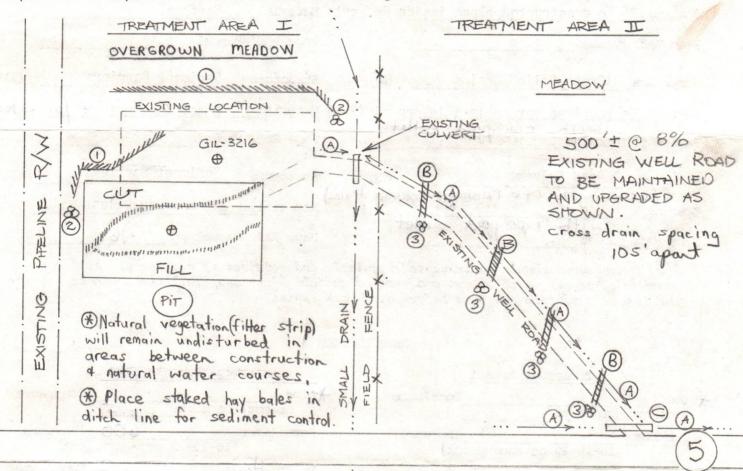
ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAGHIC MAP. QUADRANGLE Tanner 7.5'

WELL SITE ACCESS ROAD ———



WELL SITE PLAN

Sketch to include well location, existing access road, roads to be constructed, well-site, drilling pits and necessary structures numbered or lettered to correspond with the first part of this plan. Include all natural drainage.



Access road subject to change between company and land owner, or aquirement of right-of-way. If change is made, a revised reclamation plan will be submitted. All cuts 2:1 slope. All topsoil to be stockpiled and used in reclamation. All grades for roads and locations as well as sediment structures shown on drawing.

| | LEGEND | N. S. S. S. S. S. | | 1. 25 - 15 - 25 - 25 - 2 |
|----------------------|-------------------|-------------------|--------------------------------------|--|
| DRAIN PIPE — 0 — 0 — | PROPERTY BOUNDARY | - Hard | Jan 100 | we continue |
| ROAD | EXISTING FENCE — | x | x | x |
| DIVERSION | PLANNED FENCE - | /_ | / | |
| WATERWAY C | BUILDING | - 34 | | The state of the s |
| OPEN DITCH> | WET SPOT 🛪 | | LAND SUL 111 SOUTH NVILLE, WV. | RVEYING CO. |



JAN 2 3 1985

462-5701

O.C. Davis Hrs.

Gene Stalnaker, Inc.

COMPANY NAME

Address

LANDOWNER

Telephone

IV-9 (Rev 8-81) OIL & GAS DIV.

JAN 8 1985

January 4, 1985 DATE WELL NO. S 157-1

API NO. 47 - 021

462-5701

DESIGNATED AGENT Gene Stalnaker

SOIL CONS. DISTRICT West Fork

State of Mest Wirginia Bepartment of Mines Bil and Gas Bivision

CONSTRUCTION AND RECLAMATION PLAN

P.O. Box 178 Glenville, WV 26351 Address P.O. Box 178 Glenville, WV 26351

Telephone_

| Revegetation to be carried out by | Gene Stalnaker, Inc. (Agent |
|--|--|
| This plan has been reviewed by | st Jork SOD. All corrections |
| and additions become a part of this plan: | 1 18 85 |
| REVIEW IS MADE FOR SITE AS SHOWN. A NGE OF ELEVATION OF PLUS OR MINUS 10 FT. LOPE OF PLUS OR MINUS 3 PERCENT MAKES PLAN NOT ACCEPTABLE TO WFSCD. ACCESS ROAD | (SCD Agent) LOCATION |
| Structure Drainage Ditch (A) | Structure Diversion Ditch (|
| The second secon | |
| Spacing To be constructed along inside Rd. | |
| Page Ref. Manual 2-12 | Page Ref. Manual 2-12 |
| Structure Cross Relief Drains (B) | Structure Sediment Barriers |
| Spacing As required per table 1 in manual (| (2-4) Material Logs &/or Brush + or |
| Page Ref. Manual 2-1 repropped outlet | Page Ref. Manual 2-16 |
| Structure Road Culvert (C) | Structure Sediment Barriers |
| (according to 046 Manuallat natural of | Material Staked Hay Bales |
| | |
| Page Ref. Manual 2-7 All structures should be inspected regularized timber is to be cut and stacked cut and removed from the site before dirt | Page Ref. Manual 2-16 larly and repaired if necessary. All and all brush and small timber to be |
| Page Ref. Manual 2-7 All structures should be inspected regular commercial timber is to be cut and stacked | Page Ref. Manual 2-16 larly and repaired if necessary. All d and all brush and small timber to be work begins. |
| Page Ref. Manual 2-7 All structures should be inspected regularized timber is to be cut and stacked cut and removed from the site before dirt | Page Ref. Manual 2-16 larly and repaired if necessary. All d and all brush and small timber to be work begins. |
| Page Ref. Manual 2-7 All structures should be inspected regularized timber is to be cut and stacked cut and removed from the site before dirt REVECT: | Page Ref. Manual 2-16 larly and repaired if necessary. All d and all brush and small timber to be work begins. TATION Treatment Area II Tons/acr |
| Page Ref. Manual 2-7 All structures should be inspected regularized timber is to be cut and stacked cut and removed from the site before dirt REVEGE: Treatment Area I Lime | Page Ref. Manual 2-16 larly and repaired if necessary. All d and all brush and small timber to be work begins. TATION Treatment Area II Alime Tons/acr |
| Page Ref. Manual 2-7 All structures should be inspected regular commercial timber is to be cut and stacked cut and removed from the site before dirt REVECT: Treatment Area I (Lime | Page Ref. Manual 2-16 larly and repaired if necessary. All d and all brush and small timber to be work begins. TATION Treatment Area II Tons/acr |
| Page Ref. Manual 2-7 All structures should be inspected regular commercial timber is to be cut and stacked cut and removed from the site before dirt REVECT: Treatment Area I Clime Tons/acre or correct to pH 6.5 Fertilizer 600 lbs/acre (10-20-20 or equivalent) | Page Ref. Manual 2-16 larly and repaired if necessary. All d and all brush and small timber to be work begins. TATION Treatment Area II **Lime Tons/acr or correct to pH 6.5 |
| Page Ref. Manual 2-7 All structures should be inspected regularized timber is to be cut and stacked cut and removed from the site before dirt REVEGE Treatment Area I Tons/acre or correct to pH 6.5 Fertilizer 600 lbs/acre (10-20-20 or equivalent) Mulch Hay 2 Tons/acre | Page Ref. Manual 2-16 larly and repaired if necessary. All and all brush and small timber to be work begins. TATION Treatment Area II **Lime Tons/acr or correct to pH 6.5 Fertilizer 600 lbs/acre (10-20-20 or equivalent) Mulch Hay 2 Tons/acr |
| Page Ref. Manual 2-7 All structures should be inspected regularized timber is to be cut and stacked cut and removed from the site before dirt Treatment Area I Tons/acre or correct to pH 6.5 Fertilizer 600 lbs/acre (10-20-20 or equivalent) Mulch Hay 2 Tons/acre Seed* KY-31 40 lbs/acre | Page Ref. Manual 2-16 larly and repaired if necessary. All dand all brush and small timber to be work begins. TATION Treatment Area II Yhime Tons/acr or correct to pH 6.5 Fertilizer 600 lbs/acre (10-20-20 or equivalent) Mulch Hay 2 Tons/acre Seed* Orchardgrass 10 lbs/acre |
| Page Ref. Manual 2-7 All structures should be inspected regularized timber is to be cut and stacked cut and removed from the site before dirt REVEGE Treatment Area I Tons/acre or correct to pH 6.5 Fertilizer 600 lbs/acre (10-20-20 or equivalent) Mulch Hay 2 Tons/acre | Page Ref. Manual 2-16 larly and repaired if necessary. All and all brush and small timber to be work begins. TATION Treatment Area II **Lime Tons/acr or correct to pH 6.5 Fertilizer 600 lbs/acre (10-20-20 or equivalent) Mulch Hay 2 Tons/acr |
| All structures should be inspected requiremental timber is to be cut and stacked cut and removed from the site before dirt Treatment Area I | Page Ref. Manual 2-16 larly and repaired if necessary. All d and all brush and small timber to be work begins. TATION Treatment Area II Alime Tons/acromatical form or correct to pH 6.5 Fertilizer 600 lbs/acromatical form of correct to pH 6.5 Fertilizer 600 lbs/acromatical form of correct to pH 6.5 Fertilizer 600 lbs/acromatical form of correct form of corre |
| Page Ref. Manual 2-7 All structures should be inspected requiremental timber is to be cut and stacked cut and removed from the site before dirt REVECE: Treatment Area I Tons/acre or correct to pH 6.5 Fertilizer 600 lbs/acre (10-20-20 or equivalent) Mulch Hay 2 Tons/acre Redtop 5 lbs/acre Redtop 5 lbs/acre lbs/acre *Inoculate all legumes such as vetch, tree Inoculate with 3X recommended amount. **How according to pH test 5 in the state of the | Page Ref. Manual 2-16 larly and repaired if necessary. All d and all brush and small timber to be work begins. TATION Treatment Area II **Time Tons/acr or correct to pH 6.5 Fertilizer 600 lbs/acre (10-20-20 or equivalent) Mulch Hay 2 Tons/acre Red Clover 12 lbs/acre Alsike Clover 4 lbs/acre afoil and clovers with the proper bacterium. **PRIPARED BY Smith Land Surveying Co. |

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

Stage 1 10 Holes 10,000# 80/100 Sand 30,000# 20/40 Sand 333 bbls H₂O 300 Gal 15% HCl

Stage 2 10 Holes 10,000# 80/100 Sand 30,000# 20/40 Sand 325 bbls. H₂O 500 Gal 15% HCl

WELL LOG

| FORMATION COLOR HARD OR SOFT | TOP FEET | BOTTOM FEET | REMARKS Including indication of all fres and salt water, coal, oil and ga |
|--|--|--|---|
| Soil Sandstone & Shale Sandstone & Shale Sandstone & Shale Sandy Siltstone Maxon Sandy Siltstone Little Lime Shale Big Lime Big Injun Shale Squaw Shale Wier Shale | 0 100 100 500 1000 1300 1399 1413 1488 1533 1537 1625 1644 1707 1719 1800 1894 | 10 100 500 1000 1300 1399 1413 1488 1533 1537 1625 1644 1707 1719 1800 1894 1960 | |

(Attach separate sheets as necessary)

| | Gene Stalnaker, Inc. | |
|-------|----------------------|------------|
| We | 11 Operator | |
| By: | allson rane | Consultant |
| Date: | February 25, 1985 | |

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 and, encountered in the drilling of a well."



OIL & GAS DIVISION
DEPT. OF MINES



State of Mest Virginia

Department of Mines Gil and Gas Division

| Date | Feb. | 25, | 198 | 5 | | |
|-------|--------|-------------|------|-----|-------|---|
| | tor's | | | | | |
| Well | No | | S-15 | 7-1 | | _ |
| Farm | Dav | <i>r</i> is | | | | |
| APT N | IO /17 | - 1 | 121 | _ | 1.206 | |

WELL OPERATOR'S REPORT

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

| LOCATION: Elevation: 748 Watershed_ | Little Kana | wha River | | |
|--|--|--|--|--|
| District: Dekalb County G | ilmer | Quadrangl | e Tanne | r 7.5 |
| | | | | |
| COMPANY Gene Stalnaker, Inc. | OMA PROVIDENCIA DE LA CARRACTE DE L | | The state of the s | |
| ADDRESS P.O. Box 178 Glenville, WV | Cagina | Trans in | T . C. | Cement |
| DESIGNATED AGENT Gene Stalnaker | Casing | Used in | | fill up |
| ADDRESS P.O. Box 178 Glenville, WV | Tubing | Drilling | in Well | Cu. ft. |
| SURFACE OWNER O. C. Davis Heirs | 20-16 | | | |
| ADDRESS Glenville, WV | Cond. | - | | |
| MINERAL RIGHTS OWNER O. C. Davis Heirs | 13-10 | 40 | 00 | 0 |
| ADDRESS Glenville, WV | 9 5/8 | | | |
| OIL AND GAS INSPECTOR FOR THIS WORK Deo | 8 5/8 | 230 | 200 | 45 sks. |
| Mace ADDRESS Sand Ridge, WV | 7 | | | |
| PERMIT ISSUED February 7, 1985 | 5 1/2 | | | |
| DRILLING COMMENCED February 13, 1985 | 4 1/2 | 1960 | 1922 | 160 sks. |
| DRILLING COMPLETED February 17, 1985 | 3 | | | |
| F APPLICABLE: PLUGGING OF DRY HOLE ON | 2 | | | |
| CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED | Liners | | | |
| AT PERMISSION OBTAINED | used | | | |
| N | 1 | | | |
| | 1 | Dank | 1000 1 | |
| FOLOGICAL TARGET FORMATION Wier | Rotary Y | | h 1800-18 | BUT DESCRIPTION OF THE PARTY OF |
| POLOGICAL TARGET FORMATION Wier Depth of completed well 1922 feet | Rotary X | / Cable | THE RESERVE TO SHARE THE PARTY OF THE PARTY | STATE OF THE PERSON NAMED IN COLUMN 2 IS NOT THE OWNER. |
| Depth of completed well 1922 feet Water strata depth: Fresh None feet; | Salt None | _/ Cable | Tools_ | |
| Depth of completed well 1922 feet Water strata depth: Fresh None feet; Coal seam depths: n/a | Salt None | _/ Cable | Tools_ | |
| Depth of completed well 1922 feet Water strata depth: Fresh None feet; Coal seam depths: n/a PEN FLOW DATA | Salt_None | _/ Cable efeet being mine | Tools_ | area? <u>No</u> |
| Depth of completed well 1922 feet Water strata depth: Fresh None feet; Coal seam depths: n/a PEN FLOW DATA Producing formation Wier | Salt None Is coal 1 | _/ Cable feet | Tools_ | area? No |
| Depth of completed well 1922 feet Water strata depth: Fresh None feet; Coal seam depths: n/a PEN FLOW DATA Producing formation Wier Gas: Initial open flow Mcf/d | Salt None Is coal I Pay Oil: Init | _/ Cable | Tools_d in the | area? No |
| Depth of completed well 1922 feet Water strata depth: Fresh None feet; Coal seam depths: n/a PEN FLOW DATA Producing formation Wier Gas: Initial open flow Mcf/d Final open flow 275 Mcf/d | Salt None Is coal I Pay Oil: Init | _/ Cable | Tools_d in the 1800-18 | area? No 52 feet Bbl/d Bbl/d |
| Depth of completed well 1922 feet Water strata depth: Fresh None feet; Coal seam depths: n/a PEN FLOW DATA Producing formation Wier Gas: Initial open flow Mcf/d Final open flow 275 Mcf/d Time of open flow between init | Salt None Is coal I Pay Oil: Init Fina | _/ Cable feet ceing mine zone depth cial open flo al tests | Tools_d in the 1800-18 low_w | area? No 52 feet Bbl/d Bbl/d |
| Depth of completed well 1922 feet Water strata depth: Fresh None feet; Coal seam depths: n/a PEN FLOW DATA Producing formation Wier Gas: Initial open flow Mcf/d Final open flow 275 Mcf/d Time of open flow between initiation of the complete of the co | Salt None Is coal I Pay Oil: Init Fina tial and fir | _/ Cable feet ceing mine zone depth cial open flo al tests | Tools_d in the 1800-18 low_w | area? No 52 feet Bbl/d Bbl/d |
| Depth of completed well 1922 feet Water strata depth: Fresh None feet; Coal seam depths: n/a PEN FLOW DATA Producing formation Wier Gas: Initial open flow Mcf/d Final open flow 275 Mcf/d Time of open flow between initiation of the completion | Pay Oil: Init Finatial and firece measurement | _/ Cable | Tools | area? No 52 feet Bbl/d Bbl/d rs s shut in |
| Depth of completed well 1922 feet Water strata depth: Fresh None feet; Coal seam depths: n/a PEN FLOW DATA Producing formation Wier Gas: Initial open flow Mcf/d Final open flow 275 Mcf/d Time of open flow between initiation open | Pay Oil: Init Finatial and fir ce measurement | _/ Cable | Tools | area? No 52 feet Bbl/d Bbl/d rs s shut in |
| Depth of completed well 1922 feet Water strata depth: Fresh None feet; Coal seam depths: n/a PEN FLOW DATA Producing formation Wier Gas: Initial open flow Mcf/d Time of open flow between initiation of the strate of the str | Pay Oil: Init Fina tial and fir ce measurement n) Pay Oil: Init | _/ Cable | Tools in the 1800-18 low hour 24 hours 1625-164 | area? No 52 feet Bbl/d Bbl/d rs s shut in |
| Depth of completed well 1922 feet Water strata depth: Fresh None feet; Coal seam depths: n/a PEN FLOW DATA Producing formation Wier Gas: Initial open flow Mcf/d Final open flow 275 Mcf/d Time of open flow between initiation of the completion | Pay Oil: Init Fina tial and fir ce measurement n) Pay Oil: Init Oil: Fina | _/ Cable | Tools in the 1800-18 low hour 24 hours 1625-164 low | area? No 52 feet Bbl/d Bbl/d rs s shut in 42 feet Bbl/d Bbl/d |

STATE OF WEST VIRGINIA DEPARTMENT OF MINES OIL AND GAS WELLS DIVISION



OIL & ' IS DIVISION

INSPECTOR'S WELL REPORT

DEPT. OF MANES

| Permit No. 21 - 45 | 06 | | | Oil or | Gas Well | |
|------------------------|--|----------------------|---------------------|---------|---------------|-----------|
| Company Line | Stalnuper | CASING AND TUBING | USED IN DRILLING | LEFT IN | PACK | ERS |
| Address | | Size | | | | |
| arm Davis | | 16 | | | Kind of Pack | cer |
| Vell No. 5/37- | The state of the s | 13 | | | Size of | · · |
| district Depall | County Gil, | 81/4 | | | 7.00 | |
| rilling commenced | 7-13.85 | 6% | | | Depth set | |
| | Total depth | 5 3/16 | | | Perf. top | |
| ate shot | Depth of shot | 2 | | | Perf. bottom | |
| nitial open flow | /10ths Water inInch | Liners Used | | | Perf. top | |
|)pen flow after tubing | /10ths Merc. inInch | | | | Perf. bottom | |
| olume | Cu. Ft. | CASING CEME | | | No. FT | Date |
| cock pressure | lbshrs. | NAME OF SEF | TVICE COMPA | 714.1 | | |
| il | bbls., 1st 24 hrs. | COAL WAS EN | COUNTERED | AT | _FEET | INCHES |
| resh water | feetfeet | FEET | INC | HES | _FEET | INCHES |
| alt water | feetfeet | FEET. | INC | HES | FEET | INCHES |
| Orillers' Names SC | Maker 2 | | | | | |
| Remarks: | 25/4 | 0 (5/02) | ~ (| | | 111 8 |
| , | 8 % cessing, | | | | 1 ~- | 14-00 |
| Broke ; | If early on | Comert De | ellen th | inie. | | |
| | | | | | | |
| 2-14-85 | - | | | 1000 i | mace | |
| DATE | The state of the s | | | | DISTRICT WELL | INSPECTOR |

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

| | | 1 | | | II No | - | | |
|---|-----------|---------|--|-----------------------------|-----------------|-----------------|--|--|
| COMPANY | | | ADDRESS | | 4 | | | |
| FARM | | DISTRIC | | | | | | |
| Filling Material Used | | | ×217 | | | | | |
| Liner Location Amount PLUGS USED AND DEPTH PLACED | | Amount | Packer | Location CASING AND TUBING | | | | |
| | | | BRIDGES | | | | | |
| CEMENT-THICKNESS | WOOD-SIZE | LEAD | CONSTRUCTION-LOCATION | RECOVERED | SIZE | LOST | | |
| | | | | | | 200 | | |
| | | | | | | | | |
| and the second second | | | | | 0.8 | <u>estamon</u> | | |
| | | | | | | | | |
| | | | (96) | A | area o a surent | - | | |
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| | | | | | | | | |
| | 1 | | | | | - 19 Table 19 - | | |
| | | | | | | | | |
| | | | | | | 13350 | | |
| illers' Names | | | | | | | | |
| | | | The second of th | 7 | , | | | |
| marks: | | | <u> </u> | | | | | |

I hereby certify I visited the above well on this date.

DATE

IV-20 Payerse 34

04-Mar-85

STATE OF WEST VIRGINIA DEPARTMENT OF MINES OFFICE OF DIL AND GAS CHARLESTON 25305 FINAL INSPECTION REPORT INSPECTORS COMPLIANCE REPORT



DIVISION OF OIL & GAS DEPARTMENT OF ENERGY

Company: STALNAKER: GENE Farm: DAVIS, CHARLES W.

Well: DAVIS S-157-1

Permit No. 47- 21-4306 (2-07-85)

Date

Counts:GILNER

In Compliance Rule Description 23,06 Notification prior to starting work 25.04 Prepred before drilling to prevent waste 25.03 High pressure drilling 16.01 Required permits at wellsite 15.03 Adequate Fresh Water Casing 15.02 Adequate Coal Casing 15.01 Adequate Production Casing 15.04 Adequate Cement Strength 15.05 Cement Type 23.02 Maintained Access Roads >01 Necessary Equipment to Prevent Waste ... 04 Reclaimed Brilling Pits 23.05 No Surface or Underground Pollution 23.07 Requirements for Production & Gathering Pirelines _____ 16.01 Well Records on Site 16.02 Well Records Filed 7.05 Identification Markings I HAVE INSPECTED THE ABOVE CAPTIONED WELL AND RECOMMEND THAT IT BE RELEASED: Your well record was received and reclamation requirements approved. In accordance with Charter 22, Article 4, Section 2, the above well will remain under hand coverage for the life of the well. Administrator August 16, 1985

