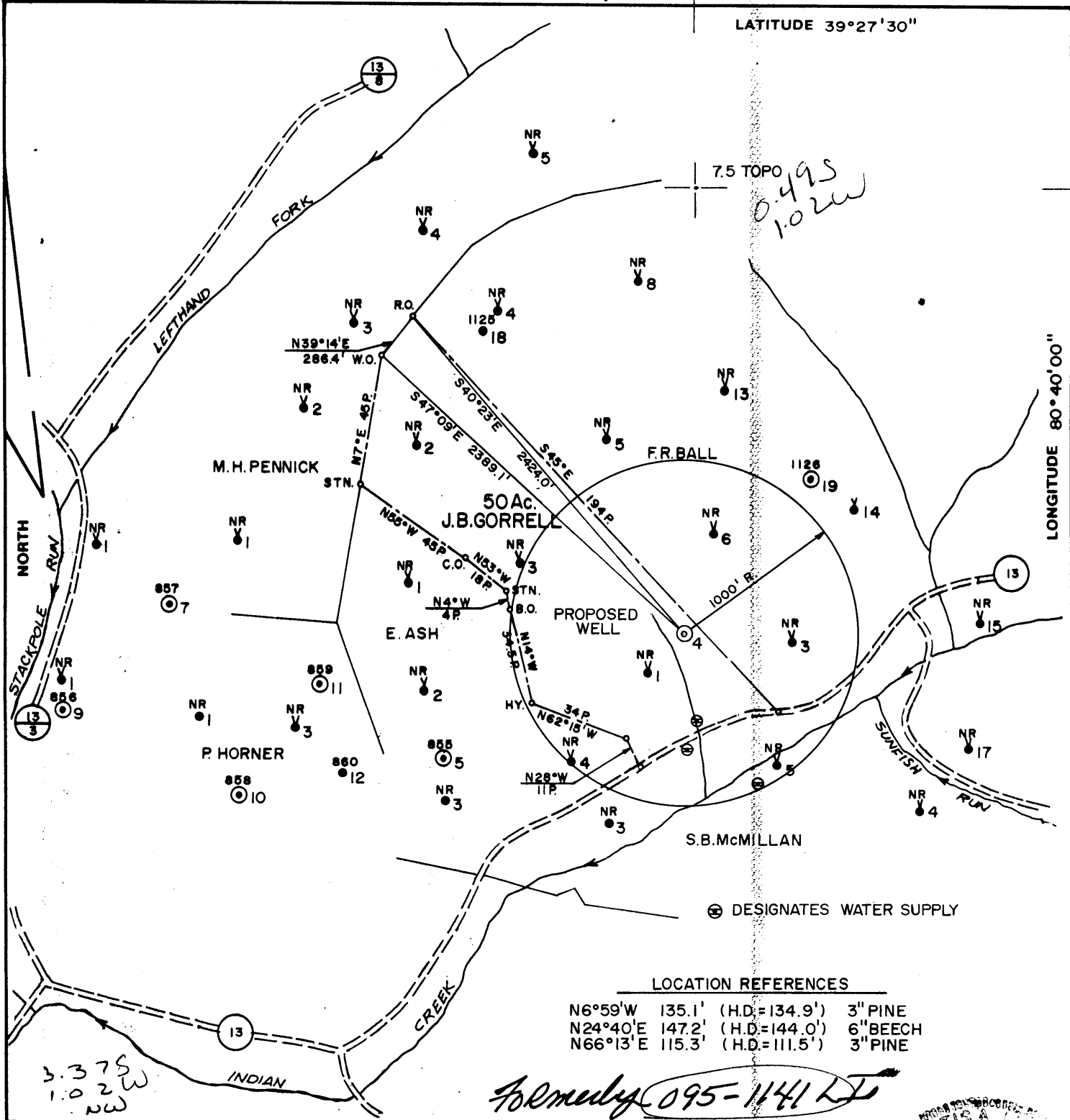


MS 6-21-90

LATITUDE 39°27'30"



LOCATION REFERENCES

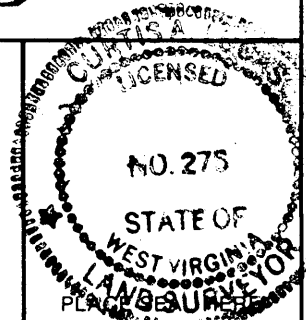
N6°59'W 135.1' (H.D.=134.9') 3" PINE  
 N24°40'E 147.2' (H.D.=144.0') 6" BEECH  
 N66°13'E 115.3' (H.D.=111.5') 3" PINE

Formerly 095-1141 LI

FILE NO. 1752  
 MAP N47 SQS NI W4  
 SCALE 1"=800'  
 MINIMUM DEGREE OF ACCURACY 1 IN 200'  
 PROVEN SOURCE OF ELEVATION F.R. BALL WELL NO. 18  
 ELEV. = 1093'

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.

(SIGNED) Curtis A. Lucas  
 CURTIS A. LUCAS LLS 275



STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION



DATE MAY 29, 1986  
 FARM J.B. GORRELL NO. 4  
 API WELL NO.

47 - 095 - 1417 LI  
 STATE COUNTY PERMIT

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 WELL TYPE: OIL \_\_\_ GAS \_\_\_ LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION \_\_\_ STORAGE \_\_\_ DEEP \_\_\_ SHALLOW \_\_\_  
 LOCATION: ELEVATION 877' WATER SHED INDIAN CREEK  
 DISTRICT McELROY COUNTY TYLER  
 QUADRANGLE CENTER POINT 7.5'

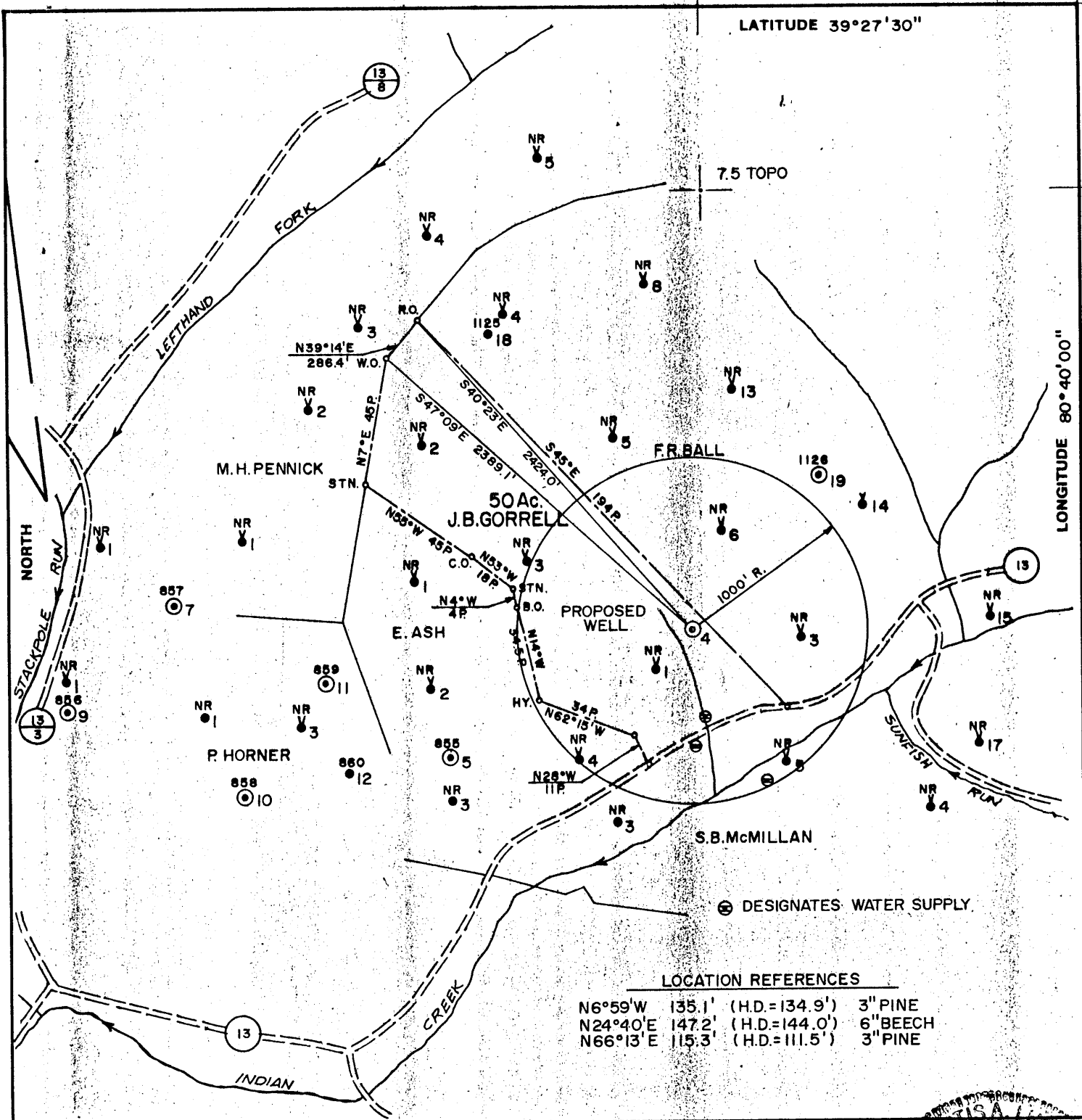
SURFACE OWNER JOHN JONES ACREAGE 107.61 AC.  
 OIL & GAS ROYALTY OWNER PENNZOIL COMPANY LEASE ACREAGE 50 AC.

LEASE NO. RG 2171-00  
 PROPOSED WORK: DRILL  CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE \_\_\_ PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION \_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_

PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
 TARGET FORMATION GORDON ESTIMATED DEPTH 2830'  
 WELL OPERATOR PENNZOIL COMPANY DESIGNATED AGENT JAMES A. CREWS Stringtown (095)  
 ADDRESS P.O. BOX 1588 ADDRESS P.O. BOX 1588  
 PARKERSBURG, W.V. 26101 PARKERSBURG, W.V. 26101

FORM IV-6 (8-78) H. T. HALL

2660' LONGITUDE 80°40'00" 1417-LI



LATITUDE 39°27'30"

LONGITUDE 80°40'00"

7.5 TOPO

LOCATION REFERENCES

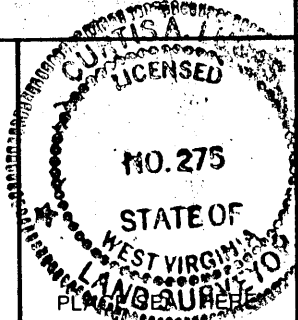
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 N24°40'E 147.2' (H.D.=144.0') 6" BEECH  
 N66°13'E 115.3' (H.D.=111.5') 3" PINE

⊕ DESIGNATES WATER SUPPLY

FILE NO. 1752  
 MAP N47 SQS NI W4  
 SCALE 1"=800'  
 MINIMUM DEGREE OF ACCURACY 1 IN 200'  
 PROVEN SOURCE OF ELEVATION F.R. BALL WELL NO. 18  
 ELEV. = 1093'

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.

(SIGNED) *Curtis A. Lucas*  
 CURTIS A. LUCAS LLS 275



STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION



DATE MAY 29, 19 86  
 FARM J.B. GORRELL NO. 4  
 API WELL NO. 47 - 095 - 1141-LI  
 STATE COUNTY PERMIT

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 WELL TYPE: OIL \_\_\_ GAS \_\_\_ LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION \_\_\_ STORAGE \_\_\_ DEEP \_\_\_ SHALLOW \_\_\_  
 LOCATION: ELEVATION 877' WATER SHED INDIAN CREEK  
 DISTRICT McELROY COUNTY TYLER  
 QUADRANGLE CENTER POINT 7.5'

**CANCELLED**

SURFACE OWNER JOHN JONES ACREAGE 107.61 AC.  
 OIL & GAS ROYALTY OWNER PENNZOIL COMPANY LEASE ACREAGE 50 AC.  
 LEASE NO. RG 2171-00

PROPOSED WORK: DRILL  CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE \_\_\_ PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION \_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_

PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
 TARGET FORMATION GORDON ESTIMATED DEPTH 2830'  
 WELL OPERATOR PENNZOIL COMPANY DESIGNATED AGENT JAMES A. CREWS  
 ADDRESS P.O. BOX 1588 ADDRESS P.O. BOX 1588  
 PARKERSBURG, W.V. 26101 PARKERSBURG, W.V. 26101

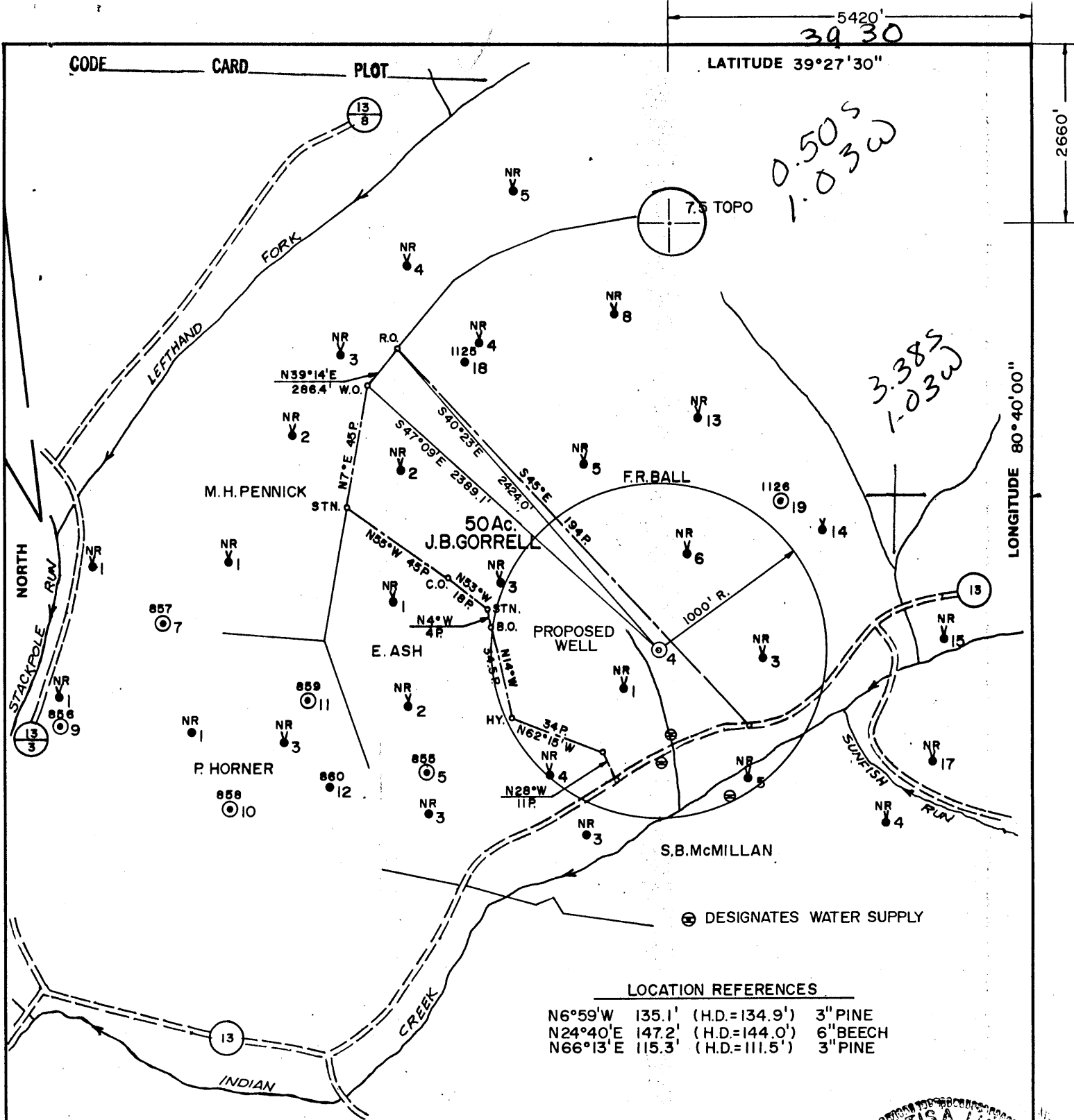
AUG 01 1988

FORM IV-6 (8-78)

H. T. HALL

673

10992  
 1141-LI

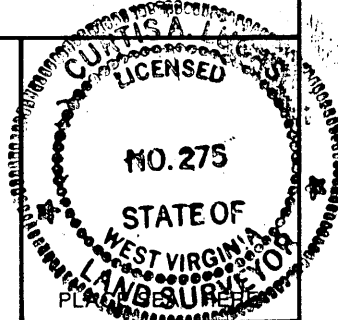


LOCATION REFERENCES

|          |        |               |          |
|----------|--------|---------------|----------|
| N6°59'W  | 135.1' | (H.D.=134.9') | 3" PINE  |
| N24°40'E | 147.2' | (H.D.=144.0') | 6" BEECH |
| N66°13'E | 115.3' | (H.D.=111.5') | 3" PINE  |

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 MAP N47 SQS NI W4  
 SCALE 1"=800'  
 MINIMUM DEGREE OF ACCURACY 1 IN 200'  
 PROVEN SOURCE OF ELEVATION F.R.BALL WELL NO.18  
 ELEV.=1093'

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 (SIGNED) Curtis A. Lucas  
 CURTIS A. LUCAS LLS 275



STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION



DATE MAY 29, 1986  
 FARM J.B.GORRELL NO. 4  
 API WELL NO.

47 - 095 - 1141-LI  
 STATE COUNTY PERMIT  
 91417

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 WELL TYPE: OIL \_\_\_ GAS \_\_\_ LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION \_\_\_ STORAGE \_\_\_ DEEP \_\_\_ SHALLOW \_\_\_  
 LOCATION: ELEVATION 877' WATER SHED INDIAN CREEK  
 DISTRICT McELROY 5 COUNTY TYLER  
 QUADRANGLE CENTER POINT 7.5' 286 022 NW,

SURFACE OWNER JOHN JONES ACREAGE 107.61 AC.  
 OIL & GAS ROYALTY OWNER PENNZOIL COMPANY LEASE ACREAGE 50AC.  
 LEASE NO. RG 2171-00

PROPOSED WORK: DRILL  CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR  
 STIMULATE \_\_\_ PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW  
 FORMATION \_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_

PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
 TARGET FORMATION GORDON ESTIMATED DEPTH 2830'  
 WELL OPERATOR PENNZOIL COMPANY DESIGNATED AGENT JAMES A. CREWS  
 ADDRESS P.O. BOX 1588 ADDRESS P.O. BOX 1588  
 PARKERSBURG W.V. 26101 PARKERSBURG, W.V. 26101

JUL 14 1986

FORM IV-6 (8-78)  
 H. T. HALL

REC-35  
 APR 15 1991  
 Division of Oil and Gas

30-Jul-90  
 API # 47- 95-01417 S

State of West Virginia  
 DEPARTMENT OF ENERGY  
 Division of Oil and Gas

Well Operator's Report of Well Work

Farm name: JONES, JOHN L. / LELAND Operator Well No.: J.B. GORRELL 4

LOCATION: Elevation: 877.00 Quadrangle: CENTER POINT

District: MCELROY County: TYLER  
 Latitude: 2660 Feet South of 39 Deg. 27Min. 30 Sec.  
 Longitude 5420 Feet West of 80 Deg. 40 Min. 0 Sec.

Company: PENNZOIL PRODUCTS COMPANY  
 P. O. BOX 5519  
 VIENNA, WV 26105-5519

Agent: JAMES A. CREWS

Inspector: GLEN P. ROBINSON  
 Permit Issued: 07/30/90  
 Well work Commenced: 11-11-90  
 Well work Completed: 12-8-90

Verbal Plugging  
 Permission granted on: \_\_\_\_\_  
 Rotary  Cable \_\_\_\_\_ Rig  
 Total Depth (feet) 2856  
 Fresh water depths (ft) \_\_\_\_\_

Salt water depths (ft) \_\_\_\_\_

Is coal being mined in area (Y/N)? N  
 Coal Depths (ft): N/A

| Casing & Tubing Size | Used in Drilling | Left in Well | Cement Fill Up Cu. Ft. To surface |
|----------------------|------------------|--------------|-----------------------------------|
| 8-5/8                | 213              | 213          | 160 Sks.                          |
| 4-1/2                | 2821.25          | 2821.25      | 300 Sks.                          |
|                      |                  |              |                                   |
|                      |                  |              |                                   |
|                      |                  |              |                                   |

OPEN FLOW DATA

Producing formation Gordon Pay zone depth (ft) 2764-2807  
 Gas: Initial open flow \* MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
 Final open flow \* MCF/d Final open flow \_\_\_\_\_ Bbl/d  
 Time of open flow between initial and final tests \_\_\_\_\_ Hours  
 Static rock Pressure \_\_\_\_\_ psig (surface pressure) after \_\_\_\_\_ Hours

Second producing formation N/A Pay zone depth (ft) \_\_\_\_\_  
 Gas: Initial open flow \_\_\_\_\_ MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
 Final open flow \_\_\_\_\_ MCF/d Final open flow \_\_\_\_\_ Bbl/d  
 Time of open flow between initial and final tests \_\_\_\_\_ Hours  
 Static rock Pressure \_\_\_\_\_ psig (surface pressure) after \_\_\_\_\_ Hours

\* Not tested - water injection well.

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

For: PENNZOIL PRODUCTS COMPANY

By: Timothy P. Roush Timothy P. Roush  
 Date: April 11, 1991

9

Stimulation

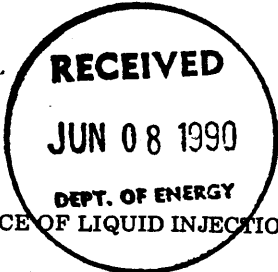
Perforated: Gordon 2776-2788 - 12 holes

Treated w/300 gal. reg. HF acid, 288 Bbls. gelled  
water and 1500# 80/100 and 3500# 20/40 sand.

Well Log

|              |           |
|--------------|-----------|
| Sand & Shale | 00-701    |
| Sand         | 701-712   |
| Shale        | 712-749   |
| Sand         | 749-780   |
| Sand & Shale | 780-1138  |
| Sand         | 1138-1174 |
| Shale        | 1174-1225 |
| Sand         | 1225-1238 |
| Shale        | 1238-1316 |
| Sand         | 1316-1364 |
| Sand & Shale | 1364-1528 |
| Sand         | 1528-1555 |
| Shale        | 1555-1737 |
| Sand         | 1737-1754 |
| Shale        | 1754-1912 |
| Little Lime  | 1912-1928 |
| Shale        | 1928-1952 |
| Big Lime     | 1952-2044 |
| Big Injun    | 2044-2190 |
| Shale        | 2190-2764 |
| Gordon       | 2764-2807 |
| Shale        | 2807-2856 |
| T.D.         | 2856'     |

16787



- 1) Date: May 30, 19 90  
 2) Operator's Well No. J. B. GORRELL NO. 4  
 3) SIC Code \_\_\_\_\_  
 4) API Well NO. 47 - 095 1417-LI  
State County Permit  
 5) UIC Permit No. UIC2209501AP

*Issued 7/30/90  
Expires 7/30/92*

STATE OF WEST VIRGINIA  
 NOTICE OF LIQUID INJECTION OR WASTE DISPOSAL WELL WORK PERMIT APPLICATION  
 for the  
 DEPARTMENT OF ENERGY, OIL AND GAS DIVISION

- 6) WELL TYPE: Liquid injection  / Gas injection (not storage) \_\_\_\_\_ / Waste disposal \_\_\_\_\_  
 7) LOCATION: Elevation: 877' / District: McElroy / Watershed: Indian Creek  
 County: Tyler / Quadrange: Center Point 7.5'  
 8) WELL OPERATOR Pennzoil Products Company / 9) DESIGNATED AGENT James A. Crews  
 Address P.O. Box 5519 / Address P.O. Box 5519  
Vienna, W. Va. 26105-5519 / Vienna, W. Va. 26105-5519  
 10) OIL & GAS INSPECTOR TO BE NOTIFIED / 11) DRILLING CONTRACTOR:  
 Name Glen P. Robinson / Name \_\_\_\_\_  
 Address Rt. 1, #6 Mt. Pleasant Estates / Address \_\_\_\_\_  
Mineral Wells, W. Va. 26150  
 12) PROPOSED WELL WORK: Drill  / Drill deeper \_\_\_\_\_ / Redrill \_\_\_\_\_ / Stimulate   
 Plug off old formation \_\_\_\_\_ / Perforate new formation \_\_\_\_\_ / Convert \_\_\_\_\_  
 Other physical change in well (specify) \_\_\_\_\_  
 13) GEOLOGICAL TARGET FORMATION, Gordon / Depth 2755 feet(top) to 2775 feet(bottom)  
 14) Estimated depth of completed well, (or actual depth of existing well) 2830 ft.  
 15) Approximate water strata depths; Fresh, 100 feet; salt, 1477 feet.  
 16) Approximate coal seam depths: 677  
 17) Is coal being mined in the area? Yes \_\_\_\_\_ / No   
 18) Virgin reservoir pressure in target formation 1260 psig. Source Estimated  
 19) Estimated reservoir fracture pressure 3500 psi psig (BHFP)  
 20) MAXIMUM PROPOSED INJECTION OPERATIONS: Volume per hour: 25 Bbl/hr. Bottom hole pressure 2332 psi  
 21) DETAILED IDENTIFICATION OF MATERIALS TO BE INJECTED, INCLUDING ADDITIVES: Fresh/produced water treated w/bactericides and other chemicals as is necessary to maintain water quality.  
 22) FILTERS (IF ANY): cartridge and/or coal bed filters  
 23) SPECIFICATIONS FOR CATHODIC PROTECTION AND OTHER CORROSION CONTROL: \_\_\_\_\_

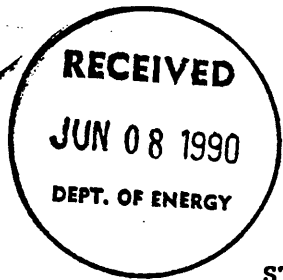
24) CASING AND TUBING PROGRAM

| CASING OR TUBING TYPE | SPECIFICATIONS |       |                |     |      | FOOTAGE INTERVALS |              | CEMENT FILLUP OR SACKS (Cubic feet) | PACKERS                      |
|-----------------------|----------------|-------|----------------|-----|------|-------------------|--------------|-------------------------------------|------------------------------|
|                       | Size           | Grade | Weight per ft. | New | Used | For drilling      | Left in well |                                     |                              |
| Conductor             |                |       |                |     |      |                   |              |                                     | Kinds                        |
| Fresh water           | 8-5/8          | H-40  | 24             | X   |      | 200'              | 200'         | Cmt to surface                      | Per 38CSR-18-11.3            |
| Coal                  |                |       |                |     |      |                   |              |                                     | Sizes                        |
| Intermediate          |                |       |                |     |      |                   |              |                                     |                              |
| Production            | 4-1/2          | J-55  | 9.5            | X   |      | 2825'             | 2825'        | 300 sks.                            | Depths see Per 38CSR-18-11.1 |
| Tubing                |                |       |                |     |      |                   |              |                                     |                              |
| Liners                |                |       |                |     |      |                   |              |                                     | Perforations:<br>Top Bottom  |

- 25) APPLICANT'S OPERATING RIGHTS were acquired from Emaline Gorrell  
 by deed \_\_\_\_\_ / lease  / other contract \_\_\_\_\_ / dated March 23, 1897, of record in the  
 County Clerk's office in Book 33 at page 61

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

10787



1) Date May 30, 1990  
Operator's \_\_\_\_\_  
2) Well No. J. B. GORRELL NO. 4  
3) SIC Code \_\_\_\_\_  
4) API Well No. 47 - 095 - 1417-L  
State County Permit \_\_\_\_\_

STATE OF WEST VIRGINIA

NOTICE OF LIQUID INJECTION OR WASTE DISPOSAL WELL WORK PERMIT APPLICATION  
for the

DIVISION OF OIL AND GAS, DEPARTMENT OF ENERGY

- |  |  |
|--|--|
| 6) SURFACE OWNER(S) OF RECORD TO BE SERVED             | 7 (i) COAL OPERATOR                              |
| (i) Name <u>John L. Jones/JoAnn &amp; Kevin Leland</u> | Address _____                                    |
| Address <u>720 James Street</u>                        | 7 (ii) COAL OWNER(S) WITH DECLARATION ON RECORD: |
| <u>New Martinsville, WV 26155</u>                      | Name _____                                       |
| (ii) Name _____  | Address _____                                    |
| Address _____  | 7 (iii) COAL LESSEE WITH DECLARATION ON RECORD:  |
| (iii) Name _____                                       | Name _____                                       |
| Address _____  | Address _____                                    |

TO THE PERSON(S) NAMED ABOVE: You should have received this Form and the following documents:

- (1) The Application for a Liquid Injection or Waste Disposal Well Work Permit on Form WW-3(B), which sets out the parties involved in the drilling or other work, and
- (2) The plat (surveyor's map) showing the well location on Form WW-6; and
- (3) The Construction and Reclamation Plan on Form WW-9 (unless the well work is only to plug a well), which sets out the plan for erosion and sediment control and for reclamation for the site and access road.

The date proposed for the first injection or waste disposal is \_\_\_\_\_, 19\_\_\_\_.

THE REASON YOU RECEIVED THESE DOCUMENTS IS THAT YOU HAVE RIGHTS REGARDING THE APPLICATION WHICH ARE SUMMARIZED IN THE "INSTRUCTIONS" ON THE REVERSE SIDE OF THE COPY OF THE APPLICATION (FORM WW-3(B)) DESIGNATED FOR YOU. HOWEVER, YOU ARE NOT REQUIRED TO TAKE ANY ACTION AT ALL.

Take notice that under Chapter 22B of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a Well Work Permit with the Director of the Division of Oil and Gas, West Virginia Department of Energy, with respect to a well at the location described on the attached Application and depicted on attached Form WW-6. Copies of this Notice, the Application, the plat, and the Construction and Reclamation Plan have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Director.

The person signing this document shall make the following certification:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Pennzoil Products Company

Well Operator

By Timothy P. Roush Timothy P. Roush

Its Supervisor, Surveying/Mapping

Telephone 304-422-6565



1) Date: May 29, 19 86  
 2) Operator's Well No. J. B. Gorrell #4  
 3) SIC Code \_\_\_\_\_  
 4) API Well NO. 47 - 095 - 1141-LI  
 State County Permit  
 5. UIC Permit No. \_\_\_\_\_

RECEIVED  
JUN 9 1986  
DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

STATE OF WEST VIRGINIA  
 NOTICE OF LIQUID INJECTION OR WASTE DISPOSAL WELL WORK PERMIT APPLICATION  
 for the

DEPARTMENT OF ENERGY, OIL AND GAS DIVISION

- 6) WELL TYPE: Liquid injection  / Gas injection (not storage) \_\_\_\_\_ / Waste disposal \_\_\_\_\_  
 7) LOCATION: Elevation: 877' Watershed: \_\_\_\_\_  
 District: McElroy County: Tyler Quadrangle: Centerpoint 7.5'  
 8) WELL OPERATOR Pennzoil Company 9) DESIGNATED AGENT James A. Crews  
 Address P.O. Box 1588 Address P.O. Box 1588  
Parkersburg, WV 26102 Parkersburg, WV  
 10) OIL & GAS INSPECTOR TO BE NOTIFIED  
 Name \_\_\_\_\_  
 Address \_\_\_\_\_  
 11) DRILLING CONTRACTOR:  
 Name \_\_\_\_\_  
 Address \_\_\_\_\_  
 12) PROPOSED WELL WORK: Drill  / Drill deeper \_\_\_\_\_ / Redrill \_\_\_\_\_ / Stimulate \_\_\_\_\_  
 Plug off old formation \_\_\_\_\_ / Perforate new formation \_\_\_\_\_ / Convert \_\_\_\_\_  
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 23) SPECIFICATIONS FOR CATHODIC PROTECTION AND OTHER CORROSION CONTROL: \_\_\_\_\_

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| CASING OR TUBING TYPE | SPECIFICATIONS |       |                |     |      | FOOTAGE INTERVALS |              | CEMENT FILL-UP OR SACKS (Cubic feet) | PACKERS       |
|-----------------------|----------------|-------|----------------|-----|------|-------------------|--------------|--------------------------------------|---------------|
|                       | Size           | Grade | Weight per ft. | New | Used | For drilling      | Left in well |                                      |               |
| Conductor             |                |       |                |     |      |                   |              |                                      | Kinds         |
| Fresh water           | 7              | H-40  | 20#            | X   |      | 727               | 727          | Cement to surface                    | Sizes         |
| Coal                  |                |       |                |     |      |                   |              |                                      |               |
| Intermediate          |                |       |                |     |      |                   |              |                                      |               |
| Production            | 4-1/2          | K55   | 9.5            | X   |      | 2830              | 2830         | 250 sks<br>50/50 posmix              | Depths set    |
| Tubing                |                |       |                |     |      |                   |              |                                      | Perforations: |
| Liners                |                |       |                |     |      |                   |              |                                      | Top Bottom    |

25) APPLICANT'S OPERATING RIGHTS were acquired from Emeline Gorrell  
 by deed \_\_\_\_\_ / lease  / other contract \_\_\_\_\_ / dated March 23 ~~xx~~ 1897, of record in the  
 County Clerk's office in \_\_\_\_\_ Book 33 at page 61

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