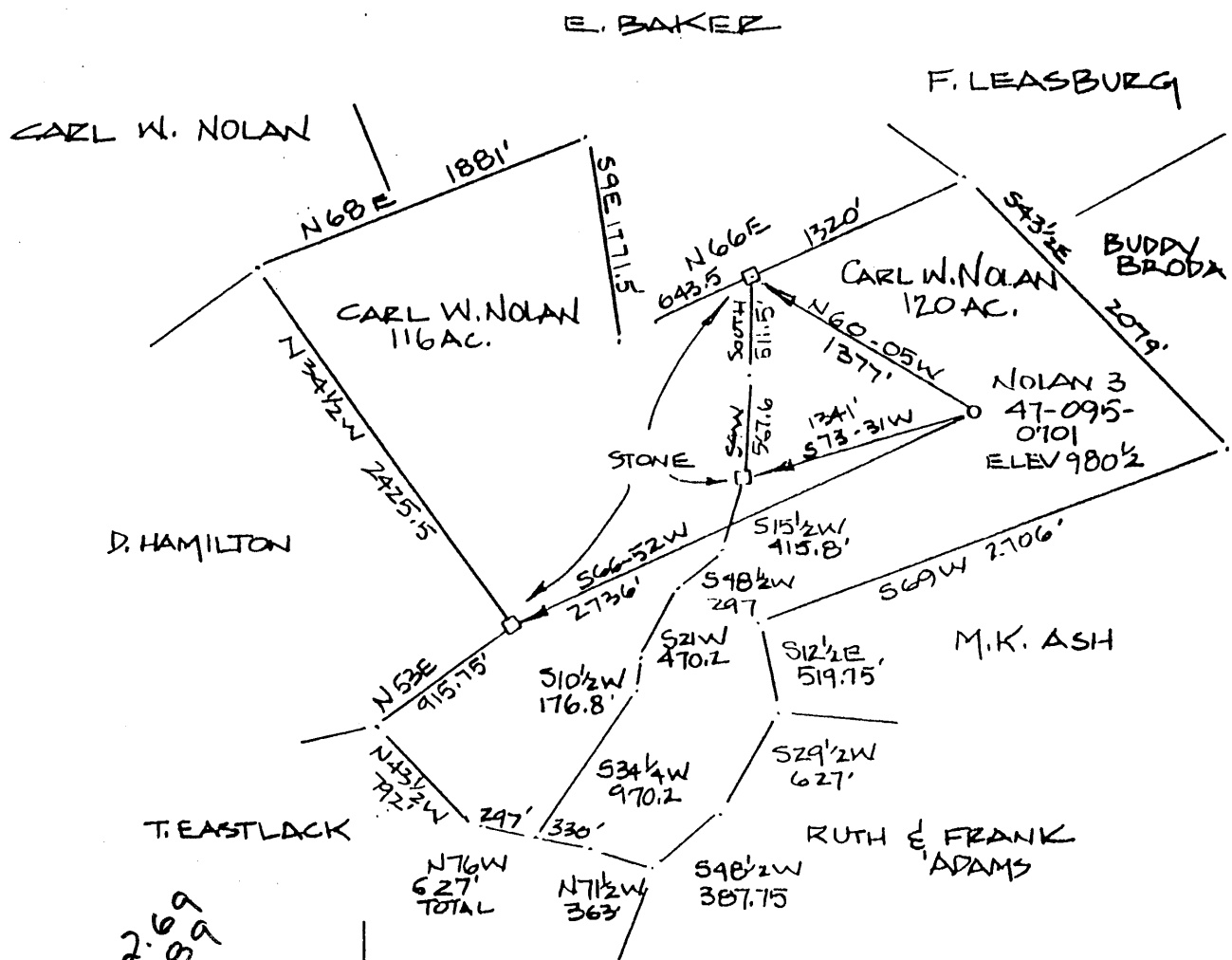


9950'

LATITUDE 39°27'30"

LONGITUDE 80°50'

NORTH



2.69
1.89

ORIGINALLY DRILLED TO DEVONIAN SHALE 3233'

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1:2500
 PROVEN SOURCE OF ELEVATION ROAD INTER.
ELEV. 1155'

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 ENERGY.

(SIGNED) William H. Mossor
 R.P.E. _____ L.L.S. 551



STATE OF WEST VIRGINIA
 DEPARTMENT OF ENERGY
 DIVISION OF OIL AND GAS



DATE 27 JULY, 192000
 OPERATOR'S WELL NO. NOLAN 3
 API WELL NO. _____

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION STORAGE _____ DEEP _____ SHALLOW
 LOCATION: ELEVATION 980 1/2' WATERSHED CONAWAY RUN _____
 DISTRICT CENTERVILLE COUNTY TYLER
 QUADRANGLE SHIRLEY
 SURFACE OWNER CARL W. NOLAN ACREAGE 120
 OIL & GAS ROYALTY OWNER CARL W. NOLAN LEASE ACREAGE 236
 LEASE NO. _____

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

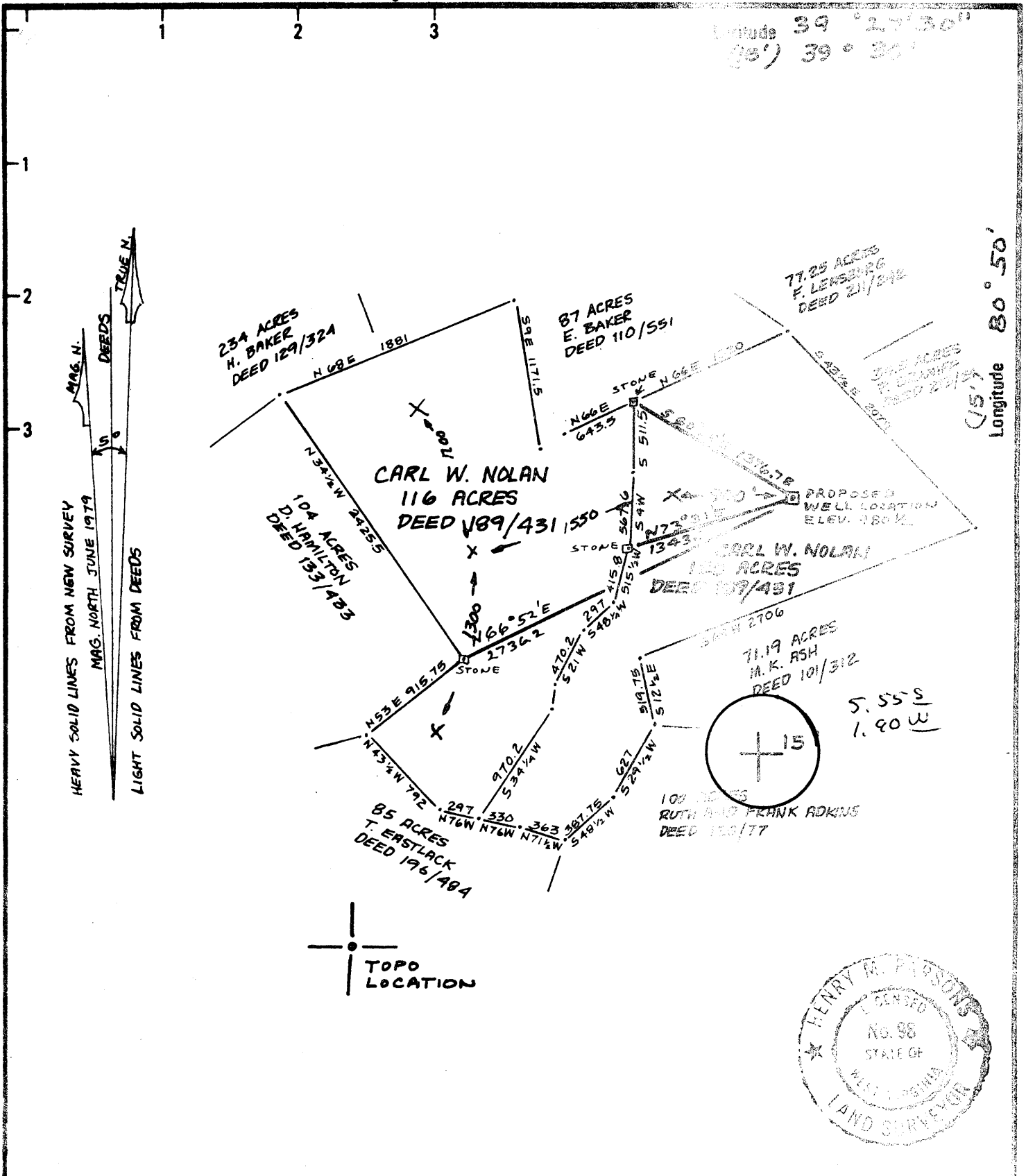
PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
 TARGET FORMATION BENSON ESTIMATED DEPTH 5500'
 WELL OPERATOR SANCHO O & G CORP. DESIGNATED AGENT LOREN E. BAGLEY
 ADDRESS BOX 179 ADDRESS BOX 179
ST. MARYS, WV 26170 ST. MARYS, WV 26170

AUG 25 2000

COUNTY NAME
PERMIT

Latitude 39° 27' 30"
(39°) 39° 30'

Longitude 80° 50'
(80°) 80° 50'



New Location
 Drill Deeper
 Abandonment

Minimum Error of Closure METHODS USED SHOULD BE 1 IN. 2500
 Source of Elevation ELEVATIONS AT 2 ROAD INTERSECTIONS SHOWN AS 1121 AND 1155 NEAR THE HEAD OF WHEELER RUN ON THE WOODBOURNE DEED MAP
 "I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.
 Henry M. Parsons

Company GLENN L. HAUGHT & SONS
 Address SMITHVILLE WV. 26178
 Farm CARL W. NOLAN
 Tract _____ Acres 236 Lease No. _____
 Well (Farm) No. NOLAN # 3-H-767 Serial No. _____
 Elevation (Spirit Level) 900 1/2
 Quadrangle SHIRLEY 7 1/2, WEST UNION 15'
 County TYLER District CENTERVILLE
 SURVEYOR HENRY M. PARSONS
 SURVEYOR'S 98
 Engineer's Registration No. 98
 File No. 79-5390 Drawing No. 79-5390
 Date JUNE 11, 1979 Scale 1" = 100'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
 WELL LOCATION MAP
 FILE NO. 7-095-070

+ Denotes location of well on United States Topographic Maps, scale 1:62,500 latitude and longitude lines being represented by border lines of original tracing.

- Denotes one inch copies on border line of original tracing.

366 JUL 17 1979

6-6 BEARSVILLE

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas

RTB

Well Operator's Report of Well Work

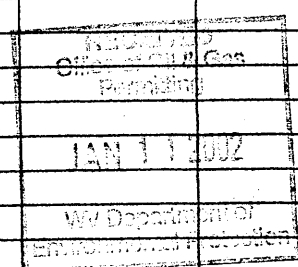
Farm name: Carl W. Nolan Operator Well No.: Three (3)

LOCATION: Elevation: 980.5 A.S.L. Quadrangle: Middlebourne

District: Centerville County: Tyler
Latitude: 9950 Feet South of 39 Deg. 27 Min. 30 Sec.
Longitude 14300 Feet West of 80 Deg. 50 Min. _____ Sec.

Company: **Sancho Oil & Gas**

| | Casing & Tubing | Used in drilling | Left in well | Cement fill up Cu. Ft. |
|---|-----------------|------------------|--------------|------------------------|
| Address: <u>Box 179</u> | | | | |
| <u>St. Marys. WV 26170</u> | 7 | 1937 | 1937 | |
| Agent: <u>Loren E. Bagley</u> | | | | |
| Inspector: <u>Mike Underwood</u> | 4 1/2 | | 5057 | 215 sacks |
| Date Permit Issued: | | | | |
| Date Well Work Commenced: <u>September 6, 2000</u> | | | | |
| Date Well Work Completed: <u>September 30, 2000</u> | | | | |
| Verbal Plugging: | | | | |
| Date Permission granted on: | | | | |
| Rotary Cable Rig | | | | |
| Total Depth (feet): | | | | |
| Fresh Water Depth (ft.): | | | | |
| Salt Water Depth (ft.): | | | | |
| Is coal being mined in area (N/Y)? <u>No</u> | | | | |
| Coal Depths (ft.): <u>NA</u> | | | | |



OPEN FLOW DATA

Producing formation Benson Sandstone Pay zone depth (ft) 4946-4950
Gas: Initial open flow show MCF/d Oil: Initial open flow 0 Bbl/d
Final open flow 600 MCF/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests 72 Hours
Static rock Pressure 1500 psig (surface pressure) after 72 Hours

Second producing formation _____ 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

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.

Signed: *Loren E. Bagley*
By: Loren E. Bagley
Date: December 31, 2001

FEB 08 2002

TYL 0701

STAGE PERFORATIONS: 1ST

Benson 4946-4950 16 holes
Nitrogen Assist with 300 Sks 20/40

STAGE PERFORATIONS:

STAGE PERFORATIONS:

| FORMATION | TOP | BOTTOM COMMENTS |
|---------------------|------|-----------------|
| Big Lime | 1850 | 1934 |
| Keener Sandstone | 1938 | 1960 |
| Big Injun Sandstone | 1962 | 2022 |
| Squaw Sandstone | 2037 | 2052 |
| Weir Sandstone | 2262 | 2362 |
| Berea Sandstone | 2448 | 2451 |
| Gordon Sandstone | 2874 | 2886 |
| Warren Sandstone | 3386 | 3438 |
| Riley Sandstone | 4540 | 4573 |
| Benson Sandstone | 4946 | 4950 gas |
| TD | | 5156 |

SEP - 7 1982

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

WELL OPERATOR'S REPORT
OF
DRILLING, REABLING AND/OR REPERFORATIONS, OR PHYSICAL CHANGE

WELL TYPE: Oil ___ / Gas X / Liquid Injection ___ / Waste Disposal ___
(If "Gas", Production X / Underground storage ___ / Deep ___ / Shallow X /
LOCATION: Elevation: 980 1/2 Watershed: Branch of Sancho Creek
District: Centerville County: Tyler Quadrangle: Middlebourne
Carl Nolan H-767
WELL OPERATOR Glenn L. Haught & Sons DESIGNATED AGENT Warren R. Haught
Address 4424 Emerson Avenue Address Parkersburg, WV 26104
Parkersburg, WV 26104

PERMITTED WORK: Drill xy / Convert ___ / Drill deeper ___ / Redrill ___ / Fracture or stimulate
Plug off old formation ___ / Perforate new formation ___ /
Other physical change in well (specify) _____

PERMIT ISSUED ON June 19, 19 79 OIL & GAS INSPECTOR FOR THIS WORK:
Name Robert A. Lowther
(IF APPLICABLE: PLUGGING OF DRY HOLE OR CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED) Address: General Delivery
_____, 19 _____ Middlebourne, WV 26149

GEOLOGICAL TARGET FORMATION: Devonian Shale Depth 2990-3115 feet
Depth of completed well, 3233 feet Recovery X / Cable Tools ___
Water strata depth: Fresh, ___ feet; salt, ___ feet.
Coal seam depths: None Is coal being mined in the area? No
Work was commenced August 3, 19 79, and completed August 10, 19 79

CASING AND TUBING PROGRAM

| CASING OR TUBING TYPE | SPECIFICATIONS | | | | FOOTAGE | | WEIGHT OR SACS (Lbs/ft) | REMARKS |
|-----------------------|----------------|-------|---------------|-----|---------|--------------|-------------------------|---------------|
| | Size | Grade | Weight per ft | New | Used | For drilling | | |
| Conductor | | | | | | | | Hands |
| Fresh water | 10-3/4" | | | X | | 380 | 380 | 155 sacks |
| Coal | | | | | | | | Size: |
| Intermediate | 7" | | | X | | 1937' | 1937' | 35 sacks |
| Production | 4 1/2" | J-55 | 10.5# | X | | | 3212 | 285 sacks |
| Tubing | | | | | | | | Setting set |
| Liners | | | | | | | | Perforations: |
| | | | | | | | | Top |
| | | | | | | | | 2990 |
| | | | | | | | | 31 |

OPEN FLOW DATA
Producing formation Devonian Shale Pay zone depth 2990-3115
Gas: Initial open flow, ___ Mcf/d Oil: Initial open flow, ___ bbl/d
Final open flow, 165 Mcf/d Final open flow, ___ bbl/d
Time of open flow between initial and final tests, 8 hours
Static rock pressure, 480 psig (surface measurement) after 12 hours shut in
[If applicable due to multiple completion--]
Second producing formation _____ Pay zone depth _____
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 measurement) after ___ hours shut in

DETAILS OF PERFORATED INTERVALS, FRACTINGS OF COIL TUBINGS, PHYSICAL CHANGE, ETC.

Nitrogen fraced by B.J. Hughes
 720,000 SCF
 500 Gal. Acid

WELL 103

Perforations: 20-2990-3115

| FORMATION | Color | Hard or Soft | Top Feet | Bottom Feet | REMARKS Including indication of gas flow and salt water, etc., and pit |
|-----------|-------|--------------|----------|-------------|---|
| Injun | | | 1980 | 2074 | |
| Squaw | | | 2104 | 2122 | |
| Weir | | | 2354 | 2362 | |
| Berea | | | 2464 | 2471 | |
| Gantz | | | 2607 | 2614 | |
| 50 Ft. | | | 2700 | 2711 | |
| 30 Ft. | | | 2792 | 2802 | |
| Gordon | | | 2892 | 2906 | |
| 4th | | | 2998 | 3003 | |
| 5th | | | 3052 | 3059 | |
| | | | | 3223 | TD |

(Attach separate sheets as complete as necessary.)

Glenn L. Haught & Sons
 Well Operators

By Beth A. Wilson

Its Well Administrative Agent

REG: Regulation 2.324: provides as follows:
 "The term 'log' as used in this act shall mean a systematic, detailed geological record of all formations, including gas, encountered in the drilling of a well."

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's
Well No. # 3-H-767

API Well No. 47 - 095 - 070
State County Perm

WELL TYPE: Oil / Gas X /
(If "Gas", Production X / Underground storage / Deep / Shallow X /)

LOCATION: Elevation: 980 1/2' Watershed: Branch of Sancho Creek
District: Centerville County: Tyler Quadrangle: Middlebourne

WELL OPERATOR Glenn L. Haught & Sons
Address Smithville, WV 26178

DESIGNATED AGENT Warren R. Haught
Address Smithville, WV 26178

OIL & GAS
ROYALTY OWNER Carl W. Nolan
Address Alma, WV 26320

COAL OPERATOR None
Address

Acreage 236

COAL OWNER(S) WITH DECLARATION ON RECORD:

SURFACE OWNER Carl W. Nolan
Address Alma, WV 26320

Name
Address

Acreage 236

Name

FIELD SALE (IF MADE) TO:
Name
Address

Address

OIL & GAS INSPECTOR TO BE NOTIFIED
Name Phil Tracey
Address Mineral Wells, WV
758-4573

COAL LESSEE WITH DECLARATION ON RECORD:
Name None

Address

JUN 18 1979

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed / lease X / other contract / dated Dec. 23, 1977, to the undersigned well operator from Carl W. Nolan

OIL & GAS DIVISION
DEPT. OF MINES

[If said deed, lease, or other contract has been recorded:]

Recorded on Feb. 23, 1978, in the office of the Clerk of the County Commission of Tyler County, West Virginia, in Deed Book 214 at page 578. A permit is requested as follows:

PROPOSED WORK: Drill X / Drill deeper / Redrill / Fracture or stimulate /
Plug off old formation / Perforate new formation /
Other physical change in well (specify)

--planned as shown on the work order on the reverse side hereof.

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code § 22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO:
WEST VIRGINIA OIL AND GAS
CONSERVATION COMMISSION
1615 WASHINGTON STREET EAST
CHARLESTON, WV 25311
TELEPHONE: (304) 348-3092

BLANKET BOND

GLENN L. HAUGHT & SONS
Well Operator

By Warren R. Haught
Partner

[08-78]

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) Glenn L. Haught & Sons
Address Smithville, WV 26178

GEOLOGICAL TARGET FORMATION, Gordon Sands

Estimated depth of completed well, 3000 feet Rotary / Cable tools /

Approximate water strata depths: Fresh, 75 feet; salt, feet.

Approximate coal seam depths: None Is coal being mined in the area? Yes / No

CASING AND TUBING PROGRAM

| 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 | 8 5/8 | K-55 | 20 | X | | 975' | 975' | 175 Sacks | |
| Coal | | | | | | | | | Sizes |
| Intermediate | | | | | | | | | |
| Production | 4 1/2 | J-55 | 10.5 | X | | | 3000' | 100 Sacks | Depths set |
| Tubing | | | | | | | | | |
| Liners | | | | | | | | | Perforations: |
| | | | | | | | | | Top Bottom |

NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, 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 § 22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code § 22-4-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.

A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 declaration connection therewith.

THIS PERMIT MUST BE POSTED AT THE WELL SITE

All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved for drilling. This permit shall expire if operations have not commenced by 2-19-80.

[Signature]
Deputy Director, Oil & Gas Division

Following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code § 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof:

W A I V E R

The undersigned coal operator / owner / lessee / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: , 19

By
Its