

LONG. 80° 53' 39.1"

LATITUDE 39° 27' 30"

UTM CO-ORDS
X=509100
Y=4363420

NORTH

LONGITUDE 80° 52' 30"

LAT. 39° 25' 20.7"

MELVIN WILEY

377 ACRE LEASE

STEWART

N 53-05 W 542'

ROAD & FENCE INTERSECTION

20. RD. 591

GRIMMS DAVIS

SURFACE MELVIN WILEY 140.26 ACRES

N 58-17 E 435'

STATE OF WEST VA

12" BLACK WALNUT

47-095-0892 ELEV. 967'

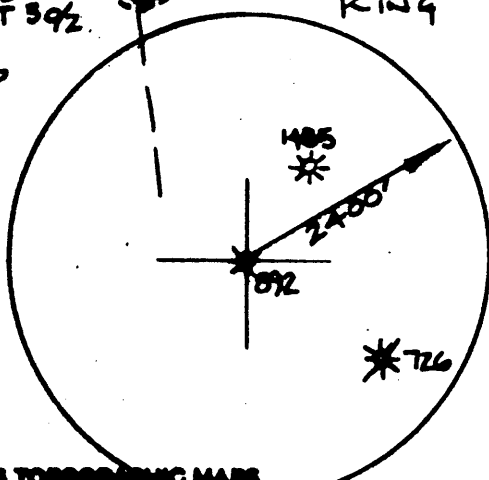
NOTE FOR PROP. BRACING SEE 47-095-0892

CO. RT 59 1/2

DAVIS

CO. RT. 49

CHURCH KING



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

FILE NO. _____
DRAWING NO. _____
SCALE 1" = 1000'
MINIMUM DEGREE OF ACCURACY 1:200
PROVEN SOURCE OF ELEVATION G.P.S. SURVEY

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 ENFORCED BY THE DEPARTMENT OF ENERGY AND NATURAL RESOURCES.
(SIGNED) *[Signature]*
R.P.E. _____ P.S. 551



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



DATE 18 MAY 2001
OPERATOR'S WELL NO. WILEY H-043
API WELL NO.

47-095-0892D
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
(IF "GAS,") PRODUCTION STORAGE _____ DEEP _____ SHALLOW
LOCATION: ELEVATION 967' WATER SHED GRIMMS RUN CANCELLED
DISTRICT CENTREVILLE COUNTY TYLER
QUADRANGLE MIDDLEBORNE
SURFACE OWNER MELVIN WILEY ACREAGE 140.26
OIL & GAS ROYALTY OWNER MELVIN WILEY LEASE ACREAGE 377
PROPOSED WORK: DRILL _____ CONVERT _____ DRILL DEEPER REDRILL _____ FRACTURE OR STIMULATE _____ PLUS OFF OLD FORMATION _____ PERFORATE NEW FORMATION _____ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

COUNTY NAME TYLER

JUL 13 2007

PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
TARGET FORMATION BENSON ESTIMATED DEPTH 5200'
WELL OPERATOR SANCHE O&G CORP. DESIGNATED AGENT LOREN BAGLEY
ADDRESS BOX 179 ST. MARYS, WV 26170 ADDRESS BOX 179 ST. MARYS, WV 26170

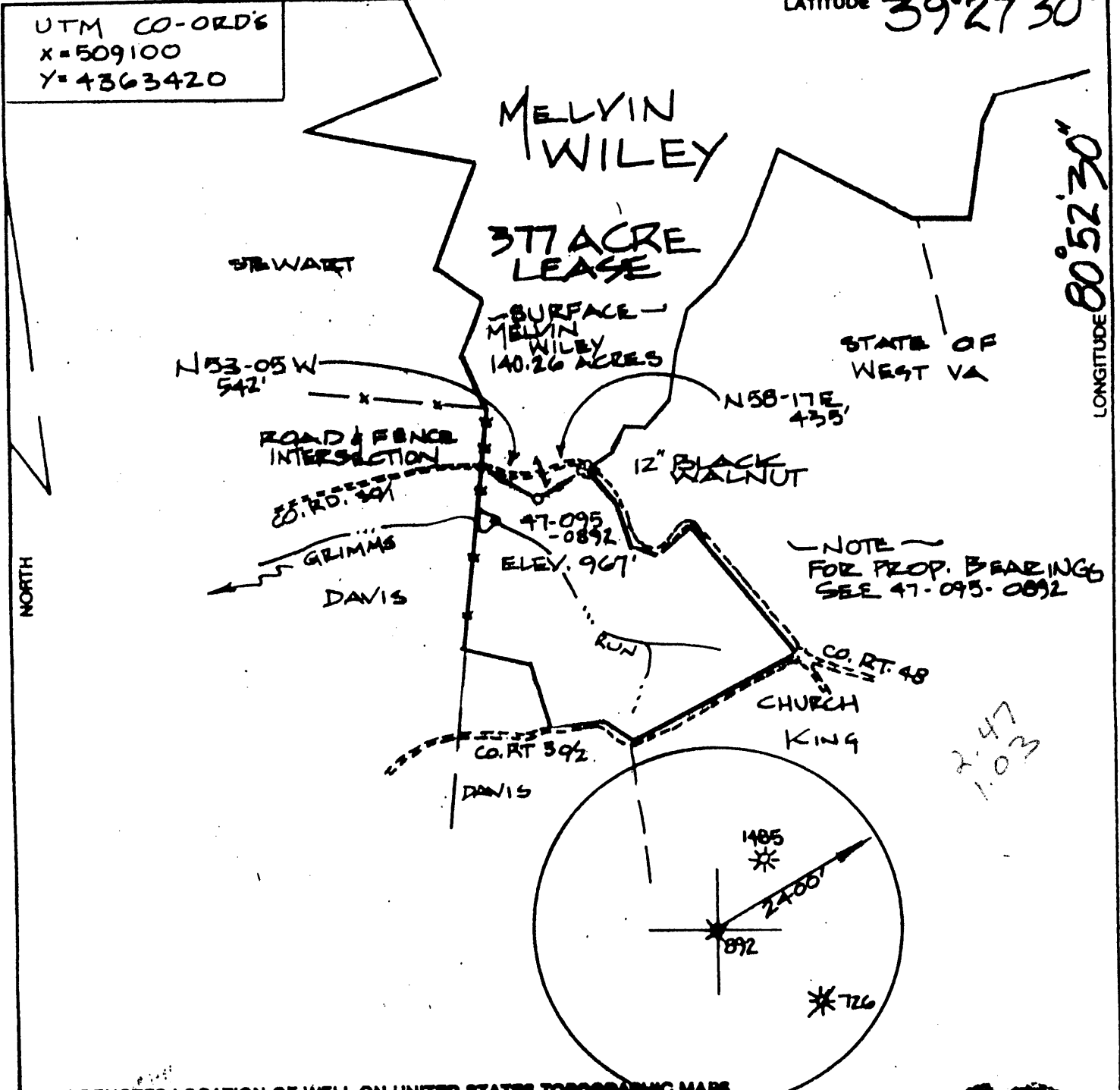
PERMIT 0892 CANCEL

FORM WV-6

LONG. 80° 55' 39.1"

LATITUDE 39° 27' 30"

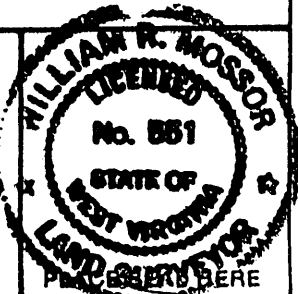
UTM CO-ORDS
X=509100
Y=4363420



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

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION G.P.S. SURVEY

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 ENFORCED BY THE DEPARTMENT OF ENERGY AND NATURAL RESOURCES.
 (SIGNED) [Signature]
 R.P.E. _____ P.S. 551



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



DATE 18 MAY 2001
 OPERATOR'S WELL NO. WILEY H-043
 API WELL NO. 47-095-0892D
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION STORAGE _____ DEEP _____ SHALLOW
 LOCATION: ELEVATION 961' WATER SHEED GRIMMS RUN
 DISTRICT CENTERVILLE COUNTY TYLER
 QUADRANGLE MIDDLEBOURNE
 SURFACE OWNER MELVIN WILEY ACREAGE 140.26
 OIL & GAS ROYALTY OWNER MELVIN WILEY LEASE ACREAGE 377
 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 5200'
 WELL OPERATOR SANCHO O&G CORP. DESIGNATED AGENT LOREN BAGLEY
 ADDRESS BOX 179 ADDRESS BOX 179
ST. MARYS, WV 26170 ST. MARYS, WV 26170

FORM WV-8

COUNTY NAME

PERMIT

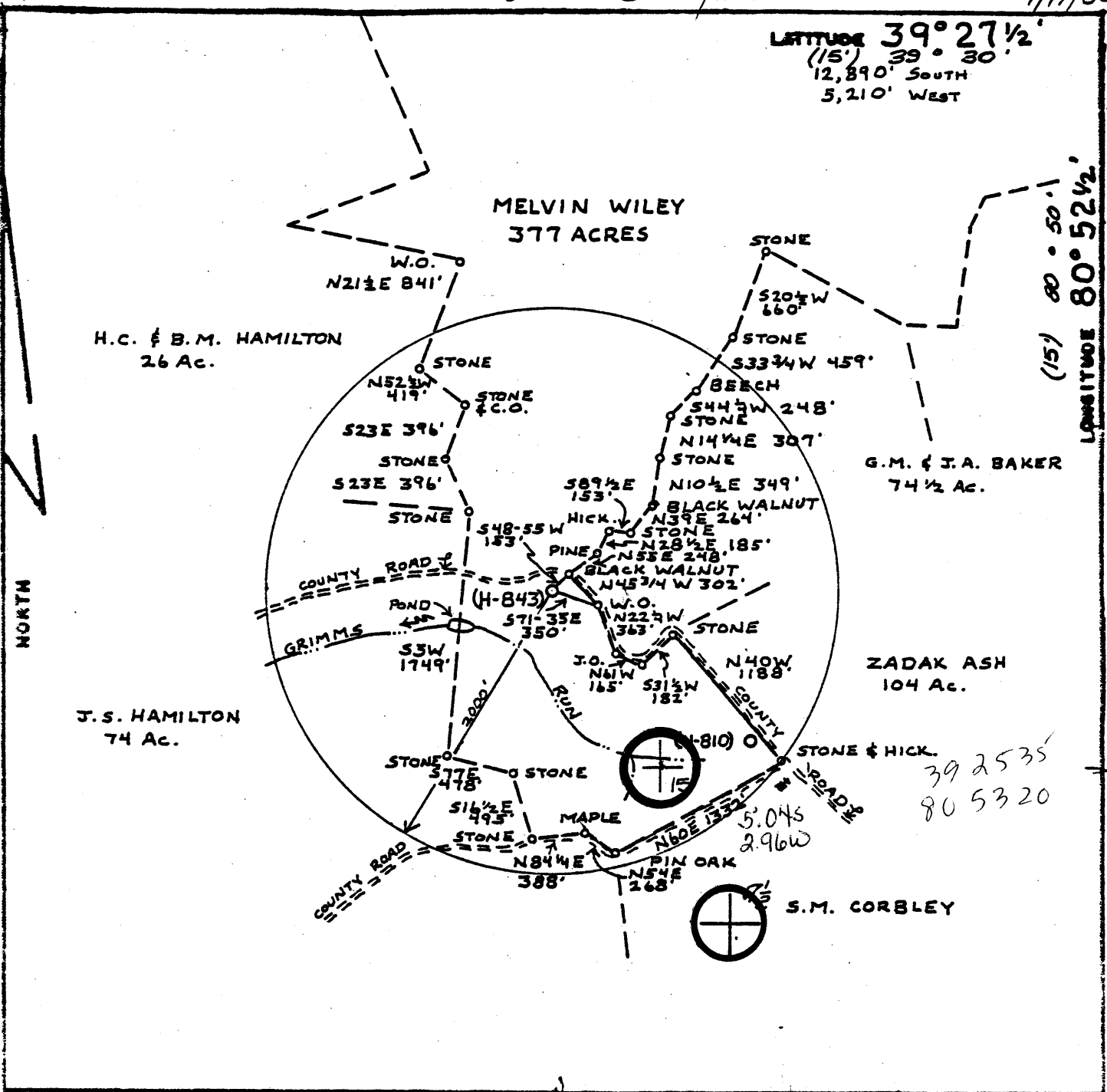
TYLER

8920

JUN - 1 2001


LATITUDE $39^{\circ}27\frac{1}{2}'$
 (15') $39^{\circ}30'$
 12,890' SOUTH
 5,210' WEST

LONGITUDE $80^{\circ}52\frac{1}{2}'$
 (15') $80^{\circ}50'$



<p>FILE NO. _____ DRAWING NO. _____ SCALE 1"=1000' MINIMUM DEGREE OF ACCURACY 1:200' PROVEN SOURCE OF ELEVATION ROAD ELEV. 1121'</p>	<p>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) <u>William R. Moore</u> R.P.E. _____ L.L.S. <u>551</u></p>	<p>PLACE SEAL HERE</p>
--	---	------------------------

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-S (3-78)



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

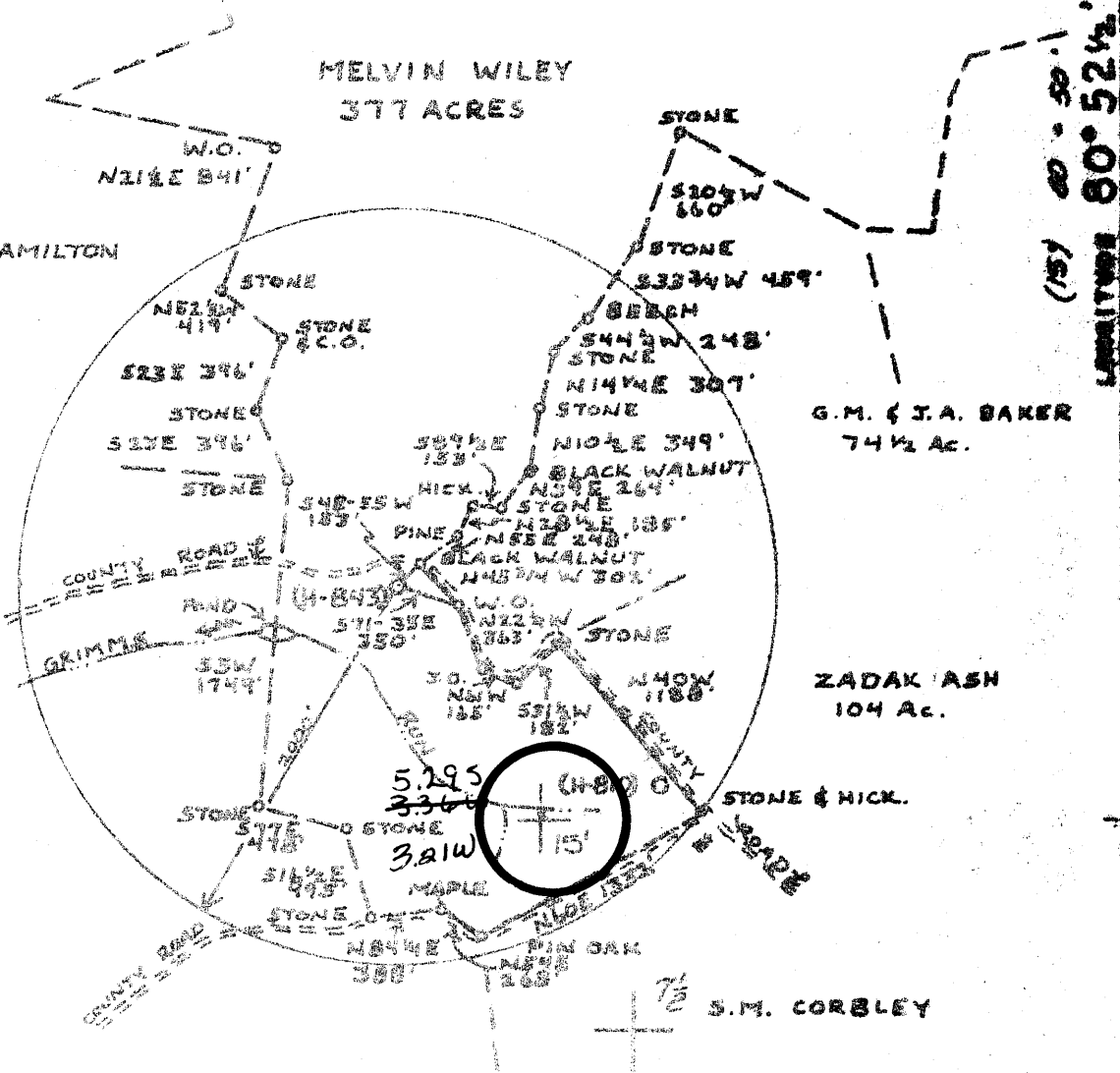
DATE 6 SEPTEMBER, 1979
 OPERATOR'S WELL NO H-843
 API WELL NO. 47-095-0892
 STATE COUNTY PERMIT
 Formerly 095-772

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS", PRODUCTION STORAGE _____ DEEP _____ SHALLOW
 LOCATION: ELEVATION 1002' WATER SHED GRIMMS RUN
 DISTRICT CENTERVILLE COUNTY TYLER
 QUADRANGLE MIDDLEBOURNE, W.VA. 7 1/2' QUAD, WEST UNION 15' NC
 SURFACE OWNER MELVIN WILEY ET UX ACREAGE 377
 OIL & GAS ROYALTY OWNER MELVIN WILEY, ET UX LEASE ACREAGE 377
 LEASE NO. _____

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

PLUS AND ABANDON _____ CLEAN OUT AND REPLUS _____
 TARGET FORMATION GORDON ESTIMATED DEPTH 3100'
 WELL OPERATOR GLENN L. HAUGHT & SONS DESIGNATED AGENT WARREN HAUGHT
 ADDRESS SMITHVILLE, W.VA. 26178 ADDRESS SMITHVILLE, W.VA. 26178

LATITUDE $39^{\circ} 27' \frac{1}{2}$
 (15') $33^{\circ} 30'$
 12,890' SOUTH
 5,210' WEST



<p>FILE NO. _____</p> <p>DRAWING NO. _____</p> <p>SCALE <u>1"=1200'</u></p> <p>MINIMUM DEGREE OF ACCURACY <u>1:200'</u></p> <p>PROVEN SOURCE OF ELEVATION <u>ROAD ELEV. 111'</u></p>	<p>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.</p> <p>(SIGNED) <u>Glenn L. Haught</u></p> <p>R.P.E. _____ L.L.S. <u>851</u></p>	<p>PLACE SEAL HERE</p>
<p>(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS</p> <p>FORM <u>14-6</u></p> <p>(8-78)</p>		<p>DATE <u>6 SEPTEMBER, 1979</u></p> <p>OPERATOR'S WELL NO. <u>H-843</u></p> <p>API WELL NO. <u>47-095-0772</u></p> <p>STATE COUNTY PERMIT <u>792</u></p>
<p>STATE OF WEST VIRGINIA DEPARTMENT OF MINES OIL AND GAS DIVISION</p>		
<p>WELL TYPE: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> LIQUID INJECTION _____ WASTE DISPOSAL _____ (IF "GAS", PRODUCTION <input type="checkbox"/> STORAGE _____ DEEP _____ SHALLOW <input checked="" type="checkbox"/></p>		
<p>LOCATION: ELEVATION <u>1023'</u> WATER OWNED <u>GRIMMIS RUN</u></p> <p>DISTRICT <u>CENTERVILLE</u> COUNTY <u>TYLER</u></p> <p>QUADRANGLE <u>CIDDLEBUSH VALLEY TR. QUAD. WEST UNION 15' NC</u></p>		
<p>SURFACE OWNER <u>MELVIN WILEY ET AL</u> ACREAGE <u>377</u></p> <p>OIL & GAS ROYALTY OWNER <u>MELVIN WILEY ET AL</u> LEASE ACREAGE <u>377</u></p> <p>LEASE NO. _____</p>		
<p>PROPOSED WORK: DRILL <input checked="" type="checkbox"/> CONVERT _____ DRILL DEEPER _____ RE-DRILL _____ FRACTURE OR STIMULATE _____ PLUS OFF OLD FORMATION _____ PERFORATE NEW FORMATION _____ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____</p>		
<p>PLUS AND ABANDON _____ CLEAR OUT AND RE-PLUG _____</p> <p>TARGET FORMATION <u>GORDON</u> ESTIMATED DEPTH <u>3100'</u></p> <p>WELL OPERATOR <u>GLENN L. HAUGHT & SON</u> DESIGNATED AGENT <u>WARREN HAUGHT</u></p> <p>ADDRESS <u>SMITHVILLE, W. VA. 26178</u> ADDRESS <u>SMITHVILLE, W. VA. 26178</u></p>		

never drilled
WVDEP database
8/18/95 kl
conv. 1/18/80

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

WELL OPERATOR'S REPORT
OF
DRILLING, REAMING AND/OR STIMULATIONS, OR PHYSICAL CHANGE

WELL TYPE: Oil Gas Liquid Injection Waste Disposal
(or "Gas", Production Underground storage Deep Shallow
LOCATION: Elevation: 1002' Watershed: Grimms Run
District: Centerville County: Tyler Quadrangle: Middlebourne, WV
WELL OPERATOR: Glenn L. Haught & Sons Melvin Wiley H-843
Address: Route 3, Box 14 Designated Agent: Warren R. Haught
Smithville, WV 26178 Address: Smithville, WV 26178

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

PERMIT ISSUED ON January 6, 1981 OIL & GAS INSPECTOR FOR THIS WORK:
Name Phillip Lee Tracy
Address P.O. Box 173 Dodd Street
Middlebourne, WV 26149

OF APPLICABLE: PLUGGING OF ANY HOLES ON
CONTINUOUS PROVISION FROM DRILLING OR
REWORKING. VERBAL PERMISSION OBTAINED
_____, 19____
GEOLOGICAL TARGET FORMATION: Weir & Injun & Berea Depth 2243--2340 feet:
1928--2079 feet:
2427--2433 feet:
Depth of completed well: 2516 feet Rotary / Cable Tools _____
Water strata depth: Fresh, _____ feet; salt, _____ feet.
Coal seam depths: None Is coal being mined in the area? No
Work was commenced March 4, 1981, and completed March 12, 1981

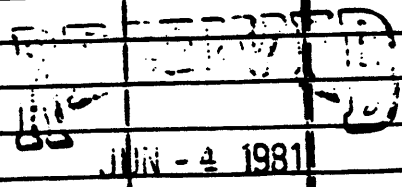
CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS				FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic Feet)	PACKERS
	Size	Grade	Weight per Ft.	New	Used	For drilling		
CONDUCTOR								Kinds
Fresh water	8-5-8	K-55	20#	X		632'	632'	100 sacks
Coal								Sizes
Intermediate								
Production	4 1/2"	J-55	10.5#	X			2492'	180 sacks
Tubing								Perforations:
Lines								Top
								1936
								24

OIL & GAS DIVISION 2243--2340
DEPT. OF MINES 1928--2079
Weir & Injun & Berea Pay zone depth 2427--2433

OPEN FLOW DATA

Producing formation _____ Pay zone depth _____
Gas: Initial open flow, _____ Mcf/d Oil: Initial open flow, _____ bbl/d
Final open flow, 120 Mcf/d Final open flow, _____ bbl/d
Time of open flow between initial and final tests, 8 hours
Static rock pressure, 700 psig (surface measurement) after 12 hours shut in
(If applicable for multiple completions--)
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



JUN 23 1981

[68-76]

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

Hydra fraced by Halliburton -- 800 Bbls.
 20/40 Mesh Sand 52,000 Lbs. 80/100 Mes Sand 16,000 Lbs.
 Acid - 1000 Gal.

Perforations: 19--1936--2060
 10--2252--2340
 5---2428--2432

WELL LOG

FORMATION	Color	Hard, or Soft	Top Feet	Bottom Feet	Remarks Including indication of all and salt water, coal, oil and
Surface Pipe			0	632	
Slate			632	688	
Red Rock/Slate			688	719	
Slate			719	771	
Red Rock			771	785	
Slate			785	858	
REd Rock			858	913	
Slate			913	962	
Red Rock			962	989	
Slate			989	1050	
Red Rock			1050	1068	
Slate			1068	1118	
Sand			1118	1217	
Slate			1217	1258	
Sand			1258	1304	
Slate			1304	1331	
Sand			1331	1350	
Slate			1350	1393	
Sand			1393	1463	
Slate			1463	1496	
Sand			1496	1527	
Shale			1527	1552	
Slate			1552	1572	
Sand			1572	1595	
Slate			1595	1625	
Shale			1625	1670	
Sand			1670	1707	
Shale			1707	1770	
Sand			1770	1800	
Lime			1800	1815	
Slate			1815	1830	
Big Lime			1830	1928	
Injun Sand			1928	2079	
Slate			2079	2243	
Sand			2243	2340	
Slate			2335	2427	
1st Berea Sand			2427	2433	
Slate			2433	2472	
2nd Berea Sand			2472	2478	
Slate			2478	2525	T.D.

NOTE: Regulation 2.02(f) provides as follows:

"The term 'log' or 'well log' shall mean a systematic, detailed record of all..."

Glenn L. Haught & Sons
 Well Operator

By *Glenn R. Haught*

Is Partner

Operator's Well No. H-843

API Well No. 47-095-0772
State County Permit

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

OIL AND GAS WELL PERMIT APPLICATION

JAN 16 1980

WELL TYPE: Oil X / Gas X /
(If "Gas", Production X / Underground storage DEPT. OF MINES X)
LOCATION: Elevation: 1002' Watershed: Grimms Run
District: Centerville County: Tyler Quadrangle: Middlebourne, WV 7 1/2

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

DESIGNATED AGENT Warren R. Haught
Address Smithville, WV 26178

OIL & GAS ROYALTY OWNER Melvin Wiley et ux
Address Box 96
Mann, WV 25635
Acreage 377

COAL OPERATOR None
Address _____

SURFACE OWNER Melvin Wiley, et ux
Address Box 96
Mann, WV 25635
Acreage 377

COAL OWNER(S) WITH DECLARATION ON RECORD:

Name _____
Address _____
Name _____
Address _____

FIELD SALE (IF MADE) TO:

Name _____
Address _____

COAL LESSEE WITH DECLARATION ON RECORD:

Name None
Address _____

OIL & GAS INSPECTOR TO BE NOTIFIED

Name Phillip Lee Tracy
Address P. O. Box 173 Dodd Street
Middlebourne, WV 26149
Phone: 758-4573

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 August 20, 1977, to the undersigned well operator from Milvin Wiley & Glenna Wiley his wife

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

Recorded on August 17, 1977, in the office of the Clerk of the County Commission of Tyler County, West Virginia, in Deed Book 220 at page 342. 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 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) 342-3092

Glenn L. Haught & Sons
Well Operator
By Warren R. Haught
Partner

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

Estimated depth of completed well, 3100 feet Rotary Cable tools

Approximate water strata depths: Fresh, 50 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		
Conductor								Kinds
Fresh water	8 5/8	K-55	20#	X		200'	200'	75 sacks
Coal								Sizes
Intermediate								
Production	4 1/2	J-55	10.5#	X			3100'	100 sacks
Tubing								Deaths set
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-3, "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 § 22-4-3c 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 filed in 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 9-18-80.

Robert L. [Signature]
Deputy Director - Oil & Gas Division

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a Reclamation 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

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

Former Permit #47-095-0772

OIL AND GAS WELL PERMIT APPLICATION

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

LOCATION: Elevation: 1002' Watershed: Grimms Run
District: Centerville County: Tyler Quadrangle: Middlebourne, WV 7 1/2'

WELL OPERATOR Glenn L. Haught & Sons
Address Route 3, Box 14
Smithville, WV 26178

DESIGNATED AGENT Warren R. Haught
Address Smithville, WV 26178

OIL & GAS ROYALTY OWNER Melvin Wiley et ux
Address Box 96
Mann, WV 25635

COAL OPERATOR None
Address _____

Acreage 377

COAL OWNER(S) WITH DECLARATION ON RECORD:

SURFACE OWNER Melvin Wiley, et ux
Address Box 96
Mann, WV 25635

Name _____
Address _____
RECEIVED

Acreage 377

Name DEC 16 1980
Address _____

FIELD SALE (IF MADE) TO:
Name Columbia Gas Transmission Corp.
Address P.O. Box 1273
Charleston, WV 25325

OIL & GAS DIVISION
DEPT. OF MINES

OIL & GAS INSPECTOR TO BE NOTIFIED
Name Phillip Lee Tracy
Address P.O. Box 173 Dodd Street
Middlebourne, WV 26149

COAL LESSEE WITH DECLARATION ON RECORD:
Name None
Address _____

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 August 20, 19 77, to the undersigned well operator from Melvin Wiley & Glenn Wiley his wife

[If said deed, lease, or other contract has been recorded:]
Recorded on August 17, 19 77, in the office of the Clerk of the County Commission of Tyler County, West Virginia, in Deed Book 220 at page 342. 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

Glenn L. Haught & Sons
Well Operator
By Warren R. Haught
Partner

BLANKET BOND

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. Haight & Sons
Address Smithville, WV 26178

GEOLOGICAL TARGET FORMATION, Devonian Shale

Estimated depth of completed well, 5500 feet Rotary Cable tools _____
Approximate water strata depths: Fresh, 50 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 ('Cable feet')	PACKERS
	Size	Grade	Weight per ft	New	Used	For drilling		
Conductor								Kinds
Fresh water	8 5/8	K-55	20#	X		200'	200'	75 sacks at to surface
Coal								Sizes
Intermediate								
Production	4 1/2	J-55	10.5#	X			3100	100 sacks at Depths set
Lining								as reqd. by rule 15.01
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-3, "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 § 22-4-3c 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 filed in 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 9-6-81

J. J. Hunsley
Deputy Director Oil & Gas Division

The 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 _____