

11020'

LONGITUDE 80-47-30

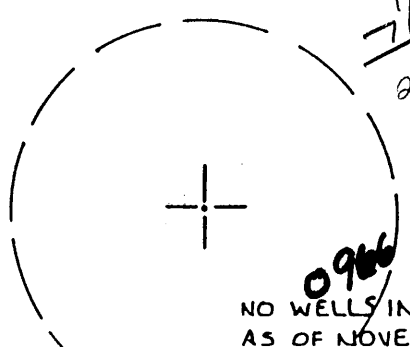
13200'

Janice
6/18/92

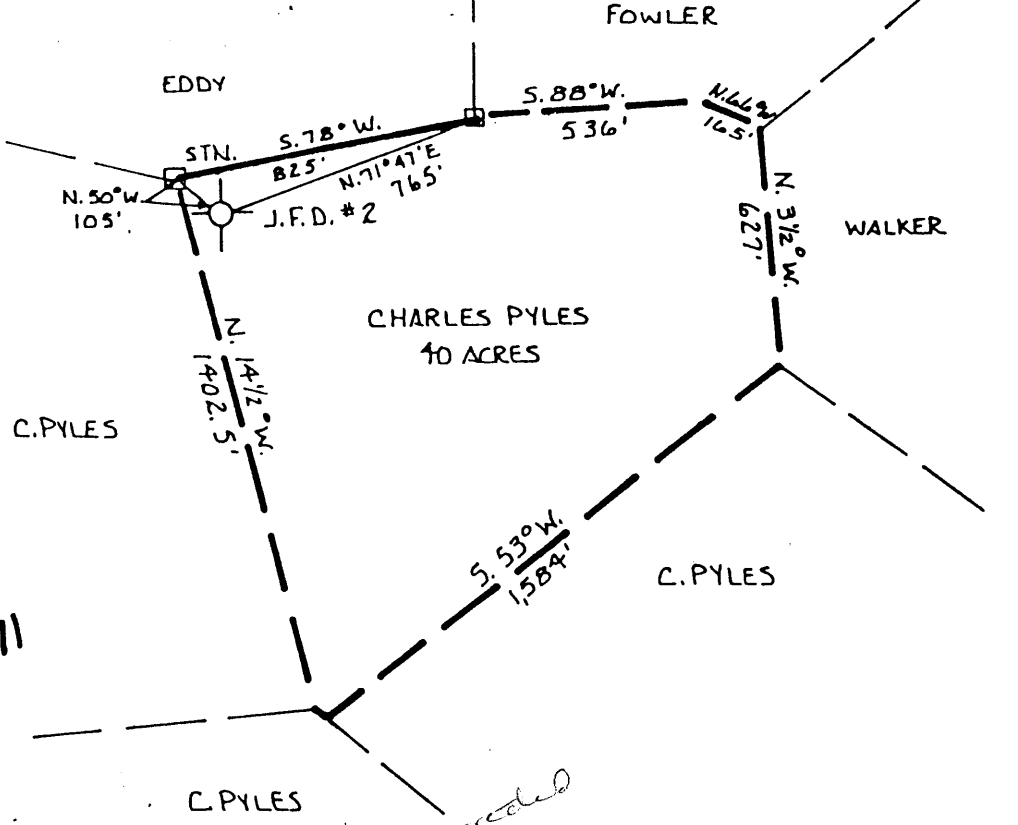
NORTH

871

257
800



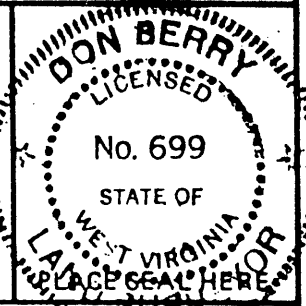
NO WELLS IN THIS AREA AS OF NOVEMBER 3, 1981.



DON BERRY, L.L.S.
Tyler County Surveyor
Main St. Middlebourne, WV 26149
Phone 758-4044

FILE NO. 81-1042
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1:1200
 PROVEN SOURCE OF ELEVATION ROAD INTERSECTION = 833'

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) Don Berry
 R.P.E. _____ L.L.S. 699



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6 (8-78)



DATE June 11, 1992
 OPERATOR'S WELL NO. J.F.D. #2
 API WELL NO. _____
47 - 095 - 0967-W
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL GAS LIQUID INJECTION _____ WASTE DISPOSAL _____
 (IF "GAS,") PRODUCTION _____ STORAGE _____ DEEP _____ SHALLOW _____

LOCATION: ELEVATION 1215' WATER SHED Gorrells Run
 DISTRICT ELLSWORTH COUNTY TYLER
 QUADRANGLE PORTERS FALLS

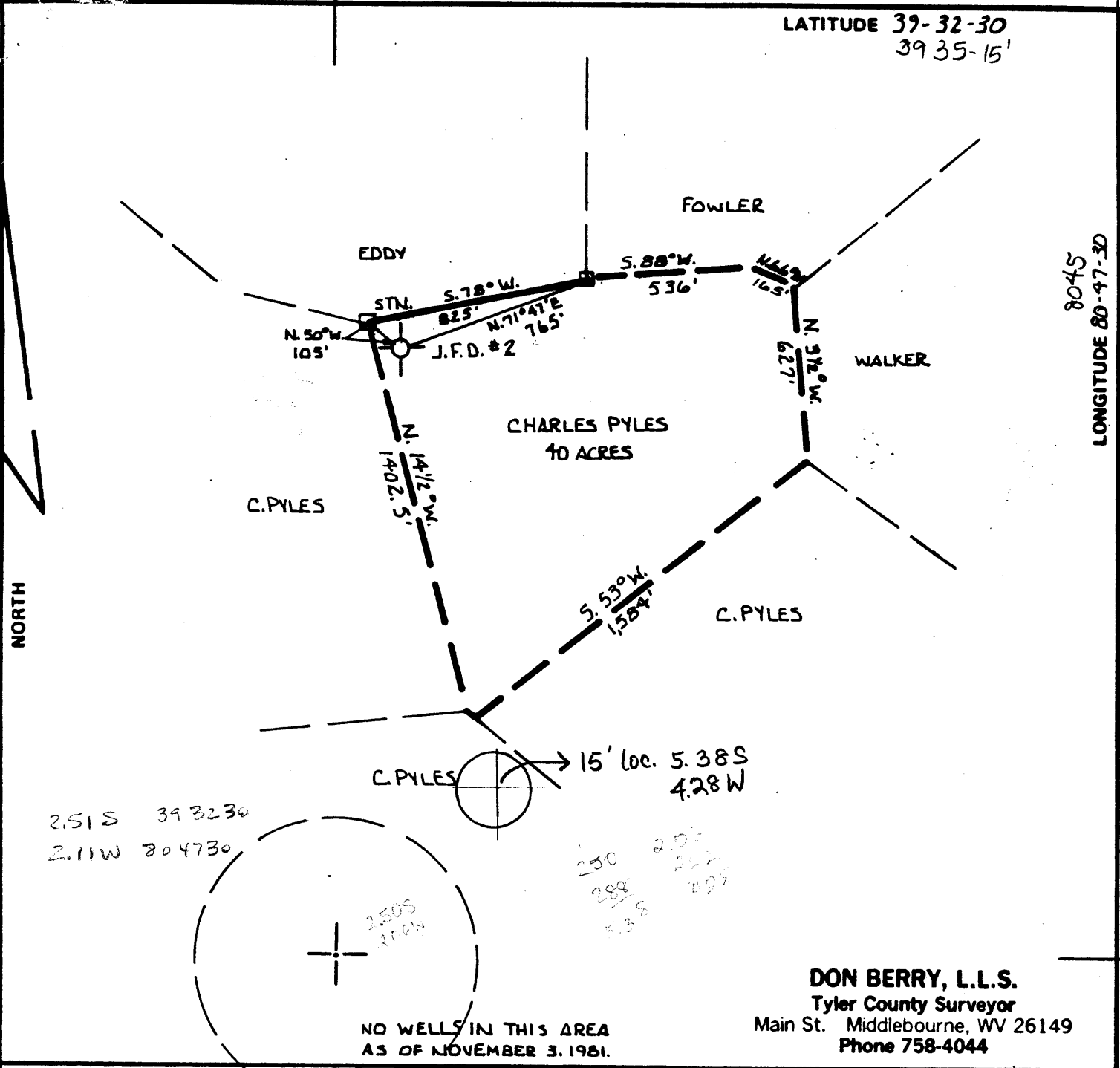
SURFACE OWNER CHARLES E. PYLES ACREAGE 40
 OIL & GAS ROYALTY OWNER Trio Petroleum Inc. LEASE ACREAGE 40
 LEASE NO. _____

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

REDRILL
According to SEP completed well log 6-21-92

PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
 TARGET FORMATION UPPER DEVONIAN HAMPSHIRE FORMATION ESTIMATED DEPTH 4400'
 WELL OPERATOR Gedco Oil & Gas, Inc. DESIGNATED AGENT Kimberly Lynch
 ADDRESS 329 South Seventh Street Marietta, Ohio 45750 ADDRESS Waverly, West Virginia

JUN 26 1992



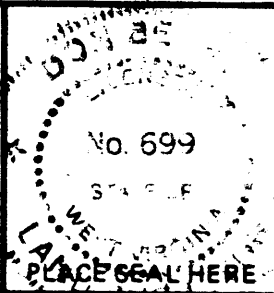
2.51 S 39 32 30
2.11 W 80 47 30

NO WELLS IN THIS AREA
AS OF NOVEMBER 3, 1981.

DON BERRY, L.L.S.
Tyler County Surveyor
Main St. Middlebourne, WV 26149
Phone 758-4044

FILE NO. 81-1042
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1:1200
 PROVEN SOURCE OF ELEVATION ROAD INTERSECTION = 833'

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) Don Berry
 R.P.E. _____ L.L.S. 699



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6 (8-78)



DATE NOVEMBER 2 1981
 OPERATOR'S WELL NO. J.F.D. #2
 API WELL NO. _____
47 - 095 - 0967
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1215' WATER SHED Goreaux Run
 DISTRICT ELLSWORTH COUNTY TYLER
 QUADRANGLE PORTERS FALLS New Martinsville 15 SE
 SURFACE OWNER CHARLES E. PYLES ACREAGE 40
 OIL & GAS ROYALTY OWNER JAMES F. DOAN LEASE ACREAGE 40
 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 HAMPSHIRE FORMATION ESTIMATED DEPTH 4400'
 WELL OPERATOR FREDRICK OIL & PETROLEUM DESIGNATED AGENT JAMES F. DOAN
 ADDRESS RT. #1 ADDRESS P.O. Box 31
MARIETTA, OHIO MIDDLEBOURNE, W.V. 26149

NOV 19 1981



IV-35
(Rev 8-81)

RECEIVED
SEP 28 1983

State of West Virginia
Department of Mines
Oil and Gas Division

Date 8-22-83
Operator's # 1
Well No. _____
Farm J. Doan
API No. 47 - 095 - 967

OIL & GAS DIVISION
DEPT. OF MINES WELL OPERATOR'S REPORT
OF
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil X / Gas X Liquid Injection ___ / Waste Disposal ___ /
(If "Gas," Production ___ / Underground Storage ___ / Deep ___ / Shallow ___)

LOCATION: Elevation: 1221' Watershed gorrells Run
District: Ellsworth County Tyler Quadrangle Porters Falls

COMPANY Frederick Petroleum Corporation
ADDRESS Rt. 1, Box 124, Marietta, OH
DESIGNATED AGENT J. Doan
ADDRESS P. O. Box 31, Middlebourne, WV
SURFACE OWNER Charles Pyles
ADDRESS Gorrells Run, Middlebourne, WV
MINERAL RIGHTS OWNER James F. Doan
ADDRESS P. O. Box 31, Middlebourne, WV
OIL AND GAS INSPECTOR FOR THIS WORK Phillip Tracey ADDRESS Alma, WV
PERMIT ISSUED 12-28-81
DRILLING COMMENCED 1-7-82
DRILLING COMPLETED 1-28-82
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON _____

Casing & Tubing Size	Used in Drilling	Left in Well	Cement fill up Cu. ft.
20-16 Cond.			
13-10"			
9 5/8			
8 5/8	1200	1200	Surface
7			
5 1/2			
4 1/2	3312	3312	2550
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Ohio Shale Depth 3400' feet
Depth of completed well 3425 feet Rotary X / Cable Tools _____
Water strata depth: Fresh 90 feet; Salt 1500 feet
Coal seam depths: 100, 200, 300, 400 Is coal being mined in the area? No

OPEN FLOW DATA
Producing formation Ohio Shale Pay zone depth 3425 feet
Gas: Initial open flow 0 Mcf/d Oil: Initial open flow 0 Bbl/d
Final open flow 0 Mcf/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests 1 hours
Static rock pressure 125 psig (surface measurement) after 1 hours shut in
(If applicable due to multiple completion--)
Second producing formation None Pay zone depth _____ feet
Gas: Initial open flow _____ Mcf/d Oil: Initial open flow _____ Bbl/d
Final open flow _____ Mcf/d Oil: 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

Dry hole

OCT 11 1983
(Continue on reverse side)

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

Open hole

3312' - TD

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Fill			0	10	
Sand			10	60	
Silts			60	120	
Sand			120	200	
Shale			210	300	
Sand			310	450	
Silt			450	600	
Sand			600	1400	
Shale			1400	1600	
Shale			1600	TD	

3425 TD.

(Attach separate sheets as necessary)

Frederick Petroleum Corporation

Well Operator

By: Kevin Berry

Date: 9-21-83

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 coal, encountered in the drilling of a well."



Well No. JFD #1
Farm Charles Pyles
API # 47 - 095 - 0967
Date 11-4-81

STATE OF WEST VIRGINIA
OFFICE OF OIL AND GAS - DEPARTMENT OF MINES

OIL AND GAS WELL PERMIT APPLICATION

WELL TYPE: Oil / Gas

(If "Gas", Production ___ / Underground storage ___ / Deep ___ / Shallow ___)

LOCATION: Elevation: 1215 / ~~1212~~ Watershed: Gorrells Run
District: Ellsworth County: Tyler Quadrangle: Porters Falls

WELL OPERATOR FREDERICK PETROLEUM
Address Rt. 1
Marietta, Ohio 45750

DESIGNATED AGENT JAMES F. DOAN
Address P.O. Box 31
Middlebourne, W. Va. 26149

OIL AND GAS ROYALTY OWNER James F. Doan
Address P. O. Box 31
Middlebourne, W. Va.
Acreage 6.92

COAL OPERATOR
Address

SURFACE OWNER Charles Pyles
Address Gorrells Run
Middlebourne, W. Va. 26149
Acreage 32.5

COAL OWNER(S) WITH DECLARATION ON RECORD:
NAME James F. Doan
Address
NAME
Address

FIELD SALE (IF MADE) TO:
NAME
Address

COAL LESSEE WITH DECLARATION ON RECORD:
NAME none
Address

OIL AND GAS INSPECTOR TO BE NOTIFIED:
NAME Phillip Tracey
Address Alma, W. Va.
Telephone 758-4573

RECEIVED

NOV - 6 1981

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed ___ / lease XXX / other contract ___ / dated July 17, 1981, to the undersigned well operator from James F. Doan.

(If not a lease, deed, or other contract has been recorded.)

Recorded on July 22, 1981, in the office of the Clerk of County Commission of Tyler County, West Virginia, in 232 Book at page 113. A permit is requested as follows:

PROPOSED WORK: Drill XX / Drill Deeper ___ / Redrill ___ / Fracture or stimulate ___ / Plug off old formation ___ / Perforate new formation ___ / Other physical change in well (specify) _____

As 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 receipt of this Application by the Dept. 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 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
1015 WASHINGTON ST., E.
CHARLESTON, WV 25311
Telephone - 304/348-3092

FREDERICK PETROLEUM

Well Operator

By: Thomas R. Lloyd
Its: Vice President

(Revised 3-81)

PROPOSED WORK ORDER

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

DRILLING CONTRACTOR (IF KNOWN) _____

Address _____

GEOLOGICAL TARGET FORMATION Shale
Estimated depth of completed well 4400' feet. Rotary Cable tools
Approximate water strata depths: Fresh, _____ feet; salt, _____ feet.
Approximate coal seam depths: _____
Is coal being mined in this area: Yes No

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL UP OR SACKS Cubic ft.	PACKERS
	Size	Grade	Weight per ft	New	Used	For Drilling	Left in Well		
Conductor	<u>8 5/8</u>			<input checked="" type="checkbox"/>		<u>800'</u>		<u>2 1/2</u>	Kinds
Fresh water									
Coal									Sizes
Intermed.									
Production Tubing	<u>4 1/2</u>			<input checked="" type="checkbox"/>		<u>4400'</u>		<u>4400</u>	Depths 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-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 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 7-12-82.

J. E. Huggins
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 regularions.

Date: _____, 19____.

By: _____

Its: _____