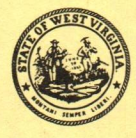


Cunningham

RECEIVED



IV-27
11/23/81

AUG - 1 1983

Date: July 29 1983
Well No: 1
API NO: 47 - 073 1570
State County Permit

STATE OF WEST VIRGINIA
OIL & GAS DIVISION DEPARTMENT OF MINES
DEPT. OF MINES
Oil and Gas Division

NOTICE OF VIOLATION

WELL TYPE: Oil ✓ / Gas ✓ Liquid Injection / Waste Disposal /
Of "Gas" - Production ✓ / Storage / Deep / Shallow ✓ /

LOCATION: Elevation: 1040 Watershed:
District: McKinnon County: Pleasants Quadrangle: Ellenboro

WELL OPERATOR Delroy Drilling Co DESIGNATED AGENT Fred Casley
Address 543 Forest ave Address 214 8th St
Zanesville W.Va 43701 Parkersburg W.Va

The above well is being posted this 29th day of July, 1983, for a violation of Code 22-4-12B and/or Regulation 22-4-16.02, set forth in detail as follows:

(USE REVERSE SIDE OF THIS NOTICE IF NECESSARY)

Failure to Re claim well site within 6 months after completion of Drilling
Failure to File Form IV 35 Drilling Record within 90 Days after completion of Drilling
Failure to Identify well by A P I number

A copy of this notice has been posted at the well site and sent by certified or registered mail to the indicated well operator or his designated agent.

You are hereby granted until August 5, 1983, to abate this violation.

Failure to abate the violation may result in action by the Department under Code 22-4-17 or Code 22-4-18.

Robert A. Lowther
Oil and Gas Inspector

Address Middlebourne
W.Va. 26149

Telephone: 304-758-4764

RECEIVED
SEP 27 1983

Date: Sept 22 1983
Operator's Well Number 1
API Well No.: 47 - 073 - 1570
State County Permit

OIL & GAS DIVISION
DEPT. OF MINES
STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OIL AND GAS DIVISION

NOTICE OF ABATEMENT

WELL TYPE: Oil / Gas Liquid Injection _____ / Waste disposal _____
Underground
If "Gas" - Production / Storage _____ / Deep _____ / Shallow
LOCATION: Elevation: _____ Watershed: _____
District: mckim County: Pleasants Quadrangle: _____
WELL OPERATOR Dorian Drilling DESIGNATED AGENT Bird Taylor
Address 543 Forest Ave Address 214 8th St
Zanesville O. 43701 Parkersburg W. Va.

Notice is hereby given that the undersigned authorized oil and gas inspector made a special inspection of the above named well on Sept 22, 1983, ^{22-4-7.05}
The violation of Code § 22-4-12B ^{22-4-16.02} heretofore found to exist on Aug 5, 1983, by Form IV-27, "Notice of Violation" / Form IV-28, "Imminent Danger Order" _____ of that date has been totally abated. If the abated violation was found by an Imminent Danger Order requiring operations to cease, such requirement is hereby rescinded, and the well operator is hereby notified that he may resume operations.

COMMENTS
well site is no claimed
well is identified by A P I number
IV 35 Has been Filed

A copy of this notice has been posted at the well site and sent by certified or registered mail to the indicated well operator or his designated agent.

Robert A. Lowther
Oil and Gas Inspector
Address Middlebourne
W. Va. 26149
Telephone 304-758-4764

IV-27
9-83

RECEIVED
MAY 9 - 1984

OIL & GAS DIVISION
DEPT. OF MINES



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Date: May 7 1984
Well No: _____
API NO: 47 - 073 - 1570
State County Permit

Oil and Gas Division NOTICE OF VIOLATION

WELL TYPE: Oil ___ / Gas Liquid Injection ___ / Waste Disposal ___ /
Of "Gas" - Production / Storage ___ / Deep ___ / Shallow /
LOCATION: Elevation: 1040 Watershed: French Creek
District: McKean County: Meigs Quadrangle: Wentz
WELL OPERATOR Delisa Drilling Co. DESIGNATED AGENT Fred Caskey
Address 543 Forest Ave Address 408 Juliana St
Zanesville OH 43701 Parkersburg W. Va. 26101

The above well is being posted this 7 day of May, 1984, for a violation of Code 22-4-16 and/or Regulation _____, set forth in detail as follows:

(USE REVERSE SIDE OF THIS NOTICE IF NECESSARY)

Failure to File Form IV 35 within well Record within 90 Days after completion of drilling

A copy of this notice has been posted at the well site and sent by certified or registered mail to the indicated well operator or his designated agent.

You are hereby granted until May 14, 1984, to abate this violation.

Failure to abate the violation may result in action by the Department under Code 22-4-17 or Code 22-4-18.

Robert A. Lowther
Oil and Gas Inspector

Address Middlebourne
W. Va.

Telephone: 304-758-4764

RECEIVED
MAY 9 - 1984

IV-27
8.83



DEPT. OF MINES
OIL & GAS DIVISION
STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division
NOTICE OF VIOLATION

Date: _____
Well No.: _____
API No.: _____
State County Permit: _____

WELL TYPE: Oil _____ Gas _____
Liquid Injection _____ Waste Disposal _____
Of "Gas" - Production _____ Storage _____
Deep _____ Shallow _____
LOCATION: Elevation: _____
Watershed: _____
District: _____
County: _____
Guardian: _____
Well Operator: _____
Address: _____
Designated Agent: _____
Address: _____

The above well is being posted this _____ day of _____, 19____ for a
violation of Code 22-4-17 and/or Regulation _____, see form in back as follows:
(USE REVERSE SIDE OF THIS NOTICE IF NECESSARY)

A copy of this notice has been posted at the well site and sent by certified
registered mail to the indicated well operator or his designated agent.
You are hereby granted until _____, 19____ to state this violation
failure to state this violation may result in action by the Department under
Code 22-4-17 or Code 22-4-18.

Oil and Gas Inspector: _____
Address: _____
Telephone: _____

Date: May 15, 1984
Operator's Well No. 1
API Well NO. 47 - 073 - 1570
State County Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OIL AND GAS DIVISION
NOTICE EXTENDING ABATEMENT TIME

WELL TYPE: Oil _____ / Gas Liquid Injection _____ / Waste disposal _____
Of "Gas" - Production Storage _____ / Deep _____ / Shallow
LOCATION: Elevation: 1040 Watershed: French Creek
District: MCKim County: Pleasant Quadrangle: Allenboro
WELL OPERATOR Delray Drilling Co DESIGNATED AGENT Fred Emley
Address 543 Forest ave J Address 408 Juliana St
Lanesville O. 43701 Parkersburg W. Va. 26101

Notice is hereby given that the undersigned authorized oil and gas inspector made a special inspection of the above named well on May 15, 1984.
The violation of Code 22-4-16.02, heretofore found to exist on May 7, 1984, by Form IV-27, "Notice of Violation" _____, Form IV-28, "Imminent Danger Order" _____ of that date has not been totally abated. Accordingly, the well operator is—

_____ required to continue the cessation of operations until the imminent danger is totally abated.

granted an extension of time to totally abate the violation, until June 7, 1984.
This is the first / second _____ / final _____ extension of said Notice of Violation.

COMMENTS: (USE REVERSE SIDE OF THIS NOTICE IF NECESSARY)

co says that they will abate violation

RECEIVED
MAY 17 1984

OIL & GAS DIVISION
DEPT. OF MINES

Robert A. Lawther
Oil and Gas Inspector
Address Middlebourne
W. Va. 26149
Telephone 304-758

RECEIVED

DEC 1 - 1983



IV-35
(Rev 8-81)

OIL & GAS DIVISION
DEPT. OF MINES State of West Virginia

Department of Mines
Oil and Gas Division

Date AUGUST 17, 1983
Operator's
Well No. CUNNINGHAM #26
Farm O. C. CUNNINGHAM
API No. 47 - 073 - 1570

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 X / Underground Storage / Deep / Shallow /)

LOCATION: Elevation: 1040' Watershed LEFT FORK FRENCH CREEK
District: MCKIM County PLEASANTS Quadrangle ELLENBORO 7.5

COMPANY DELRAY DRILLING, INC.
ADDRESS ZANESVILLE, OHIO 43701
DESIGNATED AGENT FRED EARLEY
ADDRESS PARKERSBURG, WV. 26101
SURFACE OWNER O.C. CUNNINGHAM
ADDRESS RT. 39, ST. MARYS, WV 26170
MINERAL RIGHTS OWNER O.C. CUNNINGHAM
ADDRESS RT. 39, ST. MARYS, WV 26170
OIL AND GAS INSPECTOR FOR THIS WORK ROBERT
LOWTHER ADDRESS MIDDLEBOURNE, WV 26149
PERMIT ISSUED 12-3-82
DRILLING COMMENCED 1-10-83
DRILLING COMPLETED 1-17-83
IF APPLICABLE: PLUGGING OF DRY HOLE ON
CONTINUOUS PROGRESSION FROM DRILLING OR
REWORKING. VERBAL PERMISSION OBTAINED
ON N/A

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10"		96'	surface
9 5/8			
8 5/8		1317'	surface
7			
5 1/2			
4 1/2		4145'	2000'
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION shagrin shale Depth 4215 feet
Depth of completed well 4145 feet Rotary X / Cable Tools
Water strata depth: Fresh 140 feet; Salt feet
Coal seam depths: 1420' Is coal being mined in the area? NO

OPEN FLOW DATA
Producing formation shagrin shale Pay zone depth 3995-4104 feet
Gas: Initial open flow 150 Mcf/d Oil: Initial open flow 0 Bbl/d
Final open flow 65 Mcf/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests 24 hours
Static rock pressure 690 psig (surface measurement) after 24 hours shut in
(If applicable due to multiple completion--)
Second producing formation 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

PLEASANTS - 1570

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

WELL ICG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
SURFACE			0	10	
SHALE			10	47	
R. ROCK			47	95	
SAND AND SHALE			95	202	
RED SHALE SAND & SHALE			202	1765	
MAXON			1765	1825	SHOW OIL & GAS
B. LIME			1825	1860	
KEENER			1860	1950	
SHALE			1950	1970	
INJUN			1970	2000	SHOW GAS
SHALE			2000	2006	
SQUAW			2006	2076	
SHALE			2076	2765	
FIFTH SAND			2765	2780	
SHALE			2780	4215	
T.D.				4215	

(Attach separate sheets as necessary)

DELRAY DRILLING, INC.

Well Operator

By:

Date:

Robert B. Dewey
Aug 17, 1983

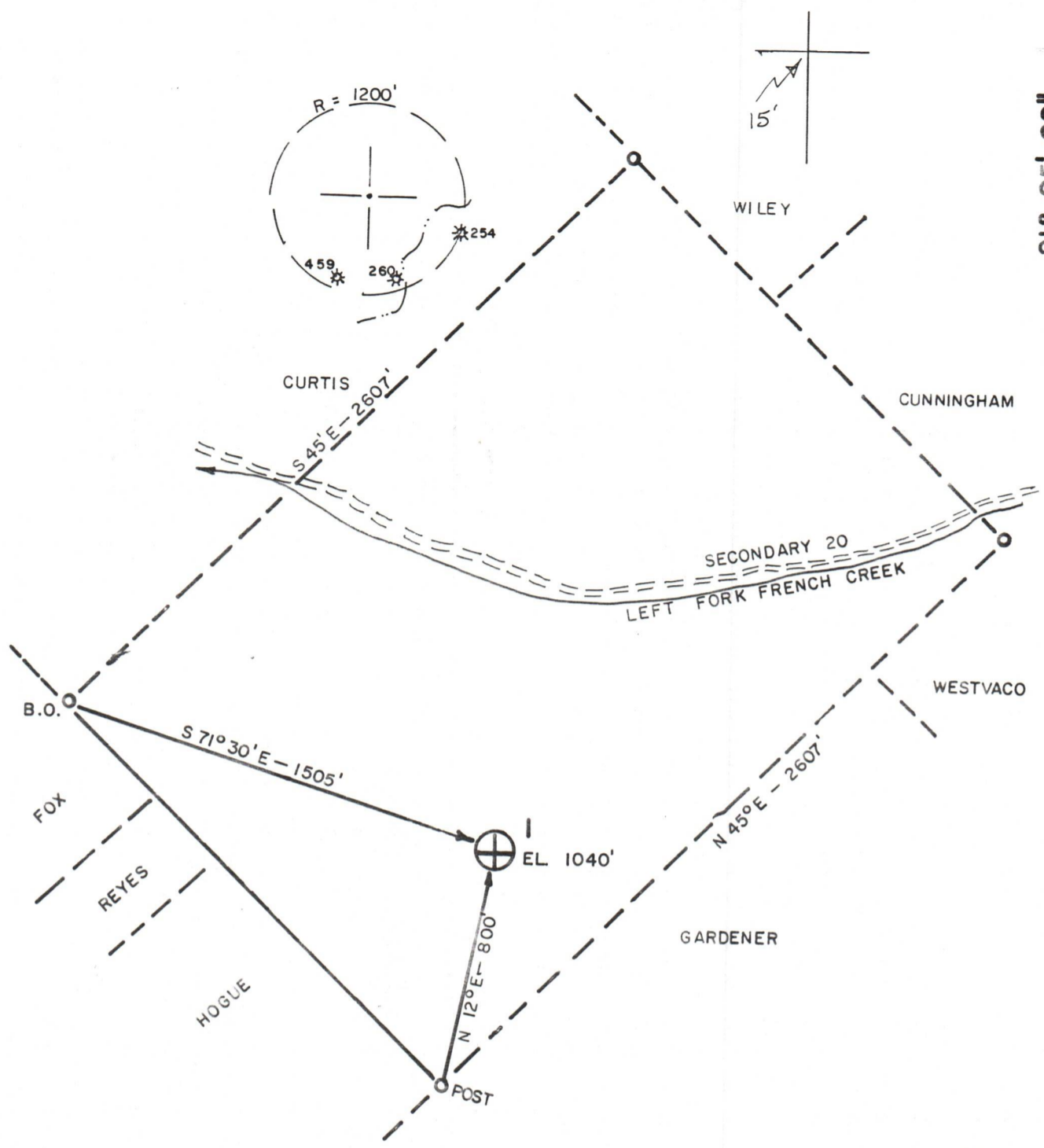
Note: Regulation 2.02(i) provides as follows:

"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."

LATITUDE 39° 20' 00"

LONGITUDE 81° 05' 00"

NORTH



FILE NO. 82-334
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1/200'
 PROVEN SOURCE OF ELEVATION ALT. 50 (1004')

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) Chester B. Waterman
 R.P.E. 3788 L.L.S. _____



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION



DATE 9/7 19 82
 OPERATOR'S WELL NO. 1
 API WELL NO. 47 - 073 - 1570
 STATE COUNTY PERMIT

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW ___
 LOCATION: ELEVATION 1040' WATER SHED LEFT FORK FRENCH CREEK
 DISTRICT MCKIM COUNTY PLEASANTS
 QUADRANGLE ELLENBORO 7.5'
 SURFACE OWNER J. HAYNES ACREAGE 112
 OIL & GAS ROYALTY OWNER O. C. CUNNINGHAM LEASE ACREAGE 112
 LEASE NO. _____
 PROPOSED WORK: DRILL X 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 MARCELLUS SHALE ESTIMATED DEPTH 5800'
 WELL OPERATOR DELRAY DRLG. OF W.VA. DESIGNATED AGENT FRED EARLEY
 ADDRESS 543 FOREST AVE. ADDRESS 214 - 8TH ST.
ZANESVILLE, OH 43701 PARKERSBURG, WV 26101

Plens. - 1570

Date: Aug 4, 1983

Operator's Well No. 1

API Well No. 47-073-1570
State County Permit

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

NOTICE EXTENDING ABATEMENT TIME

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

LOCATION: Elevation: 1040 Watershed: French Creek
District: McKim County: Pleasant Quadrangle: Ellenboro

WELL OPERATOR Delroy Drilling DESIGNATED AGENT Fred Casby
Address 543 Forest ave Address 214 8th St
Zanesville O 43701 Parkersburg W.Va

Notice is hereby given that the undersigned authorized oil and gas inspector made a special inspection of the above-named well on Aug 4, 1983,

- Upon the expiration of a period of time originally fixed for abatement.
- Upon the order of the Deputy Director for Oil and Gas at the request of the well operator.
- Upon the request of the Deputy Director for Oil and Gas.

The violation of Code ^{22-4-12B} ~~22-4-16.02~~ 22-4-105, heretofore found to exist on July 29, 1983, by Form IV-27, "Notice of Violation" / Form IV-28, "Imminent Danger Order" of that date has not been totally abated. Accordingly, the well operator is--

- required to continue the cessation of operations until the imminent danger is totally abated.
- granted an extension of time to totally abate the violation, until Aug 28, 1983.

This is the first / second / final / extension of said Notice of Violation.

COMMENTS

Co Has Told me that violations will be corrected By the Extension Date

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AUG - 8 1983

OIL & GAS DIVISION
DEPT. OF MINES

R. A. Louthen
Oil and Gas Inspector
Address meddlebourne
W.Va 26149
Telephone 304-758-4764



1) Date: 12/3/82, 19__
 2) Operator's Well No. 1
 3) API Well No. 47 State 073 County 1570 Permit

DRILLING CONTRACTOR:

CH MANNING

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

OIL AND GAS WELL PERMIT APPLICATION

- 4) WELL TYPE: A Oil / Gas _____
 B (If "Gas", Production _____ / Underground storage _____ / Deep _____ / Shallow _____)
- 5) LOCATION: Elevation: Att 50 (1040') Watershed: _____
 District: McKim County: Pleasants Quadrangle: ELLENBORO 7.5
- 6) WELL OPERATOR Delray Drilling of W. Va 11) DESIGNATED AGENT J FRED EARLY
 Address 543 Forest Ave Address 214 8th St
JANEVILLE OHIO 47301 PARKERSBURG W. VA.
- 7) OIL & GAS ROYALTY OWNER O. C. CUNNINGHAM 12) COAL OPERATOR _____
 Address Hebron W. Va Address _____
- 8) SURFACE OWNER J. HAYNES 13) COAL OWNER(S) WITH DECLARATION ON RECORD:
 Address _____ Name _____
 Address _____ Name _____
- 9) FIELD SALE (IF MADE) TO: 112 acres 14) COAL LESSEE WITH DECLARATION ON RECORD:
 Address _____ Name _____
 Address _____ Name _____
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED
 Name _____ Address _____
- 15) PROPOSED WORK: Drill / Drill deeper _____ / Redrill _____ / Fracture or stimulate _____
 Plug off old formation _____ / Perforate new formation _____
 Other physical change in well (specify) _____
- 16) GEOLOGICAL TARGET FORMATION, MARCELLUS SHALE
- 17) Estimated depth of completed well, 5500 feet
- 18) Approximate water strata depths: Fresh, _____ feet; salt, _____ feet.
- 19) Approximate coal seam depths: _____ Is coal being mined in the area? Yes _____ / No

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DEC 03 1982
OIL & GAS DIVISION
DEPT. OF MINES

20) 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	Top
Conductor	1 1/2			X		30' 50'	30' 60'	X	Kind
Fresh water									
Coal									Sizes
Intermediate	<u>8 5/8</u>			<u>X</u>		<u>1240'</u>	<u>1240'</u>	<u>for packer</u>	Depths set
Production	<u>4 1/2</u>			<u>X</u>		<u>5500'</u>	<u>5500'</u>	<u>350 SK</u>	
Tubing									
Liners									Perforations:
									Top Bottom

- 21) EXTRACTION RIGHTS
 Check and provide one of the following:
 Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas.
 The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifics.)

- 22) ROYALTY PROVISIONS
 Is the right to extract, produce or market the oil or gas based upon a lease or other continuing contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? Yes No
 If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60.

- 23) Required Copies (See reverse side.)
 24) 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.

Notary: _____ Signed: Delray Drilling
 My Commission Expires _____ Its: President Delray Drilling of W. Va

OFFICE USE ONLY
 DRILLING PERMIT
 Permit number 47-073-1570 Date December 20 19 82

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector. (Refer to No. 10) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

Permit expires August 20, 1983 unless drilling is commenced prior to that date and prosecuted with due diligence.
 Bond: Cash Agent: OK Plat: _____ Casing _____ Fee 472
Deposit LS _____
 Administrator, Office of Oil and Gas

Line Item Explanation

- 1) Date of Application
- 2) Your well name and number
- 3) To be filled out by office of oil & gas
- 4A) "Oil" means natural crude oil or petroleum and other hydrocarbons, regardless of gravity, which are produced at the well in liquid form by ordinary production methods and which are not the result of condensation of gas after it leaves underground reservoirs: "Gas" means all natural gas and all other fluid hydrocarbons not defined as oil.
- 4B) "Shallow well" means any well drilled and completed in a formation above the top of the uppermost member of the "Onondaga Group" or a depth less than six thousand feet, whichever is shallower.
"Deep well" means any well drilled and completed in a formation at or below the top of the uppermost member of the "Onondaga Group" or at a depth less than six thousand feet, whatever is shallower.
- 5) Where well is located
- 6) Before a permit can be issued in a corporation, company partnership, or fictitious name, the name must be registered with the Secretary of State Office
- 7) Use separate sheet if necessary
- 8) Present surface owner at time application is filed.
- 9) Optional
- 11) See Reg. 7.01 relating to code §22-4-1k
- 12) "Coal Operator" means any persons, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine. See Note 24
- 13 & 14) As per §22-4-20; See Note 24
- 15) Work that will be attempted—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.
- 16) Anticipated formation for which well will be completed
- 17) Self explanatory
- 18) Depth to deepest freshwater, and shallowest salt water, taken from nearby wells corrected for differences in elevation
- 19) All coal seam depths
- 20) Proposed casing program and cementing refer to Code 22-4-5, 22-4-6, 22-4-7, 22-4-8, 22-4-8a Reg 9.01, 15.01, 15.02, 15.03, 15.04, 25.01, 25.02, 25.03, 25.04
- 21) Code 22-4-11(c) - In lieu of filing the lease or leases or other continuing contract or contracts, the applicant for a permit described herein may file the following:
 - (1) A brief description of the tract of land including the district and county wherein the tract is located;
 - (2) The identification of all parties to all leases or other continuing contractual agreements by which the right to extract, produce or market the oil or gas is claimed;
 - (3) The book and page number wherein each such lease or contract by which the right to extract, produce or market the oil or gas is recorded;
 - (4) A brief description of the royalty provisions of each such lease or contract.
- 22) Code 22-4-11(d) and 22-4-11(e).
- 23) 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.
- 24) **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.**

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.

WAIVER

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 _____



IV-9
(Rev 8-81)

DATE NOVEMBER 30, 1987

WELL NO. DNELL

State of West Virginia

API NO. 47-073-1570

Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Delray Drilling of W. Va.
Address 2548 FOREST AVE
Telephone ZANESVILLE, OH - 614-438-3927

DESIGNATED AGENT (Att'y) FRED EARLY
Address PARRERSBURG W. Va
Telephone 1-304-985-7971

LANDOWNER J. HAYNES

SOIL CONS. DISTRICT UPPER OHIO

Revegetation to be carried out by Delray Drilling of W. Va. (Agent)

This plan has been reviewed by Upper Ohio SCD. All corrections and additions become a part of this plan:

12/2/87
(Date)

Kenneth R Mason
(SCD Agent)

ACCESS ROAD

LOCATION

Structure OPEN DRAINAGE (A)
Spacing _____
Page Ref. Manual 2:12

Structure DIVERSION (1)
Material _____
Page Ref. Manual 2:12

Structure CROSS DRAWS (B)
Spacing _____
Page Ref. Manual 2:7

Structure _____ (2)
Material _____
Page Ref. Manual _____

Structure _____ (C)
Spacing _____
Page Ref. Manual _____

Structure _____ (3)
Material _____
Page Ref. Manual _____

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DEC 03 1987
OIL & GAS DIVISION
DEPT. OF MINES

All structures should be inspected regularly and repaired if necessary. *All commercial timber is to be cut and stacked and all brush and small timber to be cut and removed from the site before dirt work begins.

REVEGETATION

Treatment Area I

Treatment Area II

Lime _____ Tons/acre
or correct to pH 6.5
Fertilizer 600 lbs/acre
(10-20-20 or equivalent)
Mulch Hay or Straw 2 Tons/acre
Seed* LADINO CLOVER 10 lbs/acre
TALL FESCUE 40 lbs/acre
_____ lbs/acre

Lime _____ Tons/acre
or correct to pH _____
Fertilizer _____ lbs/acre
(10-20-20 or equivalent)
Mulch SAME Tons/acre
Seed* _____ lbs/acre
_____ lbs/acre
_____ lbs/acre

*Inoculate all legumes such as vetch, trefoil and clovers with the proper bacterium. Inoculate with 3X recommended amount.

PLAN PREPARED BY DONALD C KESTERSON

ADDRESS P.O. Box 203F
PARRERSBURG WV

NOTES: Please request landowners' cooperation to protect new seedling for one growing season.

ATTACH OR PHOTOCOPY SECTION OF
INVOLVED TOPOGRAPHIC MAP.
QUADRANGLE ELLANBOIS 7-5'

LEGEND

Well Site ⊕

Access Road ———

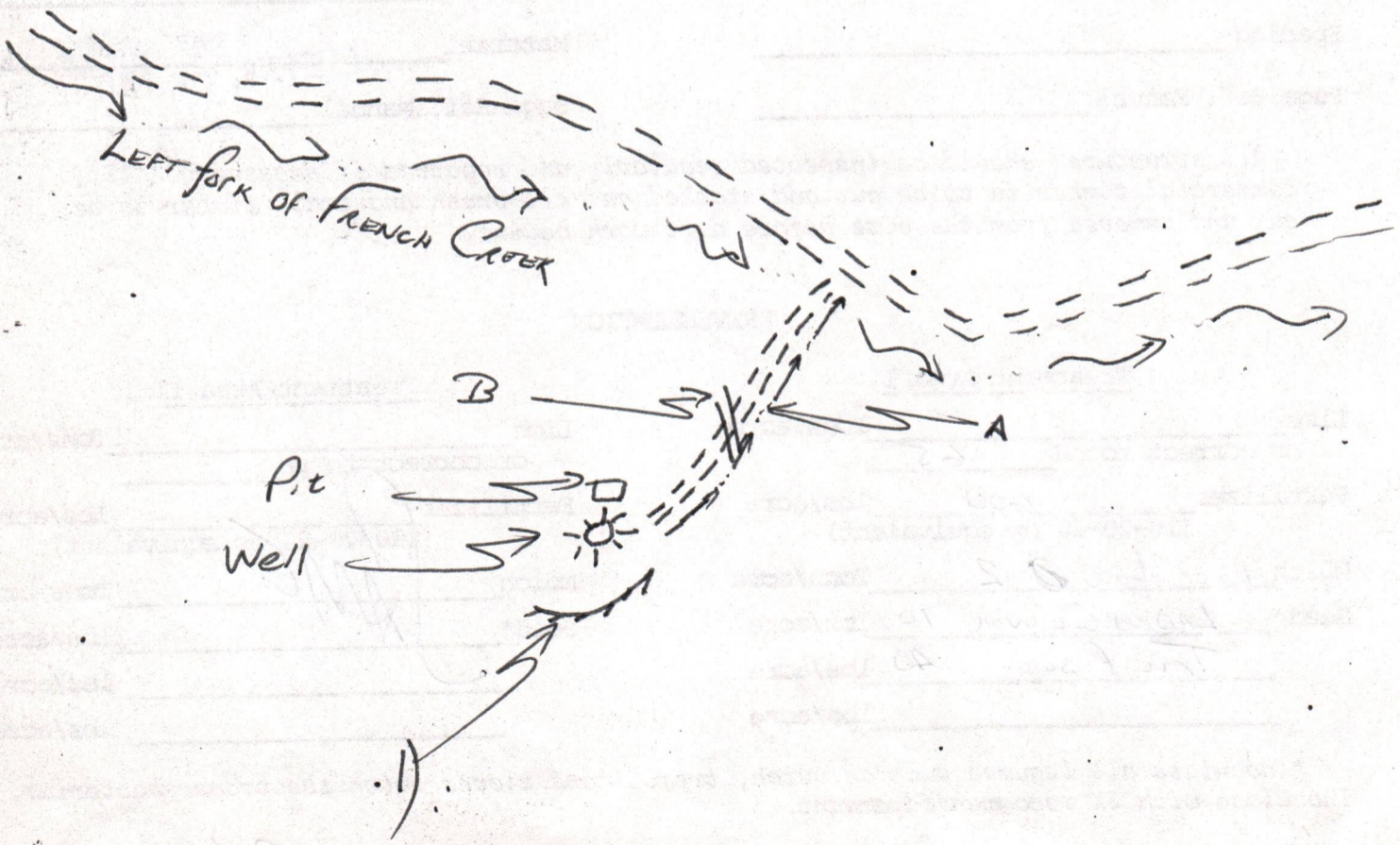
SEE ATTACHED
 DELAY DRILLING
 W. W. MILLER
 1-304-482-1211
 DELAY DRILLING OF W. W.

WELL SITE PLAN

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

LEGEND

Property boundary ————	Diversion ————
Road = = = = =	Spring ○ →
Existing fence — x — x —	Wet spot ☿
Planned fence — / — / —	Building ■
Stream ~ ~ ~ ~ ~	Drain pipe — ○ — ○ — ○ —
Open ditch — ···· →	Waterway ⇄ ⇄ ⇄ ⇄





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DEC 03 1982

OIL & GAS DIVISION
DEPT. OF MINES

DEPT. OF MINES
GAS DIVISION

104

EXHIBIT A

O.C. CUNNINGHAM LEASE

On the North by lands of B.F. Cunningham; Wiley Heirs;
On the East by lands of Catharine Jameson; Cassie Pifer;
On the South by lands of Mildred Noland; Cronin Heirs;
On the West by lands of Gail Barron Estate; Wiley;

Containing One Hundred and Twelve (112) acres more or less.

WHITE & SWEENEY

Lawyers

SAM WHITE
TIM SWEENEY

311 SECOND STREET - P. O. BOX 66
ST. MARYS, WEST VIRGINIA 26170
TELEPHONE (304) 684-2202

October 11, 1982

King Energy, Inc.
P.O. Box 946
Zanesville, Ohio 43701

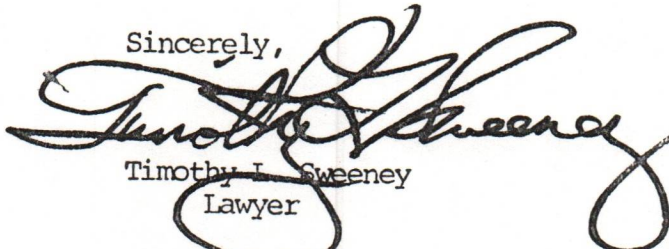
ATTENTION: LeRoy Snyder

In re: O. C. Cunningham 112 acre tract, McKim District, Pleasants County, West Virginia, and Cecil Gardner 135 acre tract, McKim District, Pleasants County, Grant District, Ritchie County, West Virginia.

Dear Sirs:

I have made a careful search of the records in the offices of the Clerk of the County Commission of Pleasants and Ritchie Counties, West Virginia, concerning the oil and gas leases upon the aforesaid tracts of real estate and covering the period until the present time and subsequent to January 12, 1982, with respect to the 112 acre tract and July 6, 1982, with respect to the 135 acre tract and report that nothing has been found that would adversely affect the title to those oil and gas leases as properly indexed in the aforesaid County Clerk's offices in the names of those individuals having title thereto.

Sincerely,



Timothy J. Sweeney
Lawyer

TLS:sac

FOR TREASURY USE ONLY

FOR TREASURY USE ONLY

TREASURY DEPARTMENT

STATE OF WEST VIRGINIA

DEPOSIT NO. _____

CASH NO. _____

(Date Received)

NO. 460
(Agency Use Only)

NAME OF SPENDING AGENCY: Dept. Mines-Office of Oil & Gas

PREPARED BY: Charlotte Milam EXT. 2055 DATE PREPARED: February 1, 1983

(SECTION A)

	CASH	CHECKS AND/OR MONEY ORDERS	TOTAL
In Re: <u>Permits to Drill PLEAS-1563 & 1570</u>			
Deposit in Trust for: <u>Del Ray Drilling of W.Va. P.O. Box 946 543 Forest Avenue Zanesville, Ohio 43701</u>			
The sum of \$ 5,000.00 cash deposit in lieu of bonds and/or securities to be held in trust by the Treasurer of the State of W.Va., in accordance with Chapter 22, Article 9, Code of W.Va., until a letter is received from the Dept. Mines, Oil & Gas Division releasing said cash deposit.		\$ 5,000.00	
Deposit in form of: <u>Certified Ck. # 126338 dated: 12-2-82</u>			
Drawn on the: <u>Bank Ohio National Bank</u>			
TOTAL =		\$ 5,000.00	

SECTION B) REVENUES ONLY

Account No.	Line Item	Fund No.	Account Totals	Account No.	Line Item	Fund No.	Account Totals
XXXX-XX	XXX	XX		XXXX-XX	XXX	XX	
8091-16	550	13	\$ 5,000.00				

CERTIFIED Cashier's Check **126338**
 Date December 2, 1982
 25-1/440
CERTIFIED
 Pay to the order of West Virginia Department of Mines \$5,000.00
 BANCOHIO NATIONAL BANK 5,000 Dollars

BancOhio National Bank
 Purchased By #469 0318-10655
 # 126338 # 0440000 111 89704200 #
 ORIGINAL-STATE TREASURER
 GREEN-STATE AUDITOR
 YELLOW-FIN. & ADM.
 PINK-SPENDING AGENCY
 GOLDEN ROD-SPENDING AGENCY
 (SEE BACK FOR INSTRUCTIONS)
 GRAND TOTAL (ALL SOURCES) \$ 5,000.00
 Form T-1 revised 1/1/76

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

RECEIVED

JAN 17 1983

OIL AND GAS DIVISION
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 073-1570

Oil or Gas Well _____
(KIND)

Company Delray Drilling
 Address Zansville O
 Farm O.C. Cunningham
 Well No. 1
 District Mc Kim County Pleasant
 Drilling commenced _____
 Drilling completed _____ Total depth 1340
 Date shot _____ Depth of shot _____
 Initial open flow _____ /10ths Water in _____ Inch
 Open flow after tubing _____ /10ths Merc. in _____ Inch
 Volume _____ Cu. Ft.
 Rock pressure _____ lbs. _____ hrs.
 Oil _____ bbls., 1st 24 hrs.
 Fresh water _____ feet _____ feet
 Salt water _____ feet _____ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer _____
13			
10			Size of _____
8 1/4	<u>13 17</u>	<u>13 17</u>	
6 5/8			Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED 8 5/8 SIZE 13 17 No. FT 1-12-83 Date
 NAME OF SERVICE COMPANY B.J. Hughes
 COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES

Drillers' Names Bob morrill Toolpusher
Ada Drilling contractor
 Remarks: Cemented with 365 Bags cement

1-11-83
DATE

R.A. Lowther
DISTRICT WELL INSPECTOR

IV-20
Obverse
1-84

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

04-Jan-85

RECEIVED
NOV 17 1984

OIL & GAS DIVISION
DEPT. OF MINES

12/20/82

Company: DELRAY DRILLING
Farm: J. HAYNES

#1 Well:

Permit No. 47- 73-1570
County: PLEASANTS

Rule	Description	In Compliance	
		Yes	No
23.06	Notification prior to starting work	✓	-----
25.04	Prepared before drilling to prevent waste	✓	-----
25.03	High pressure drilling	✓	-----
16.01	Required permits at wellsite	✓	-----
15.03	Adequate Fresh Water Casings	✓	-----
15.02	Adequate Coal Casings	✓	-----
15.01	Adequate Production Casings	✓	-----
15.04	Adequate Cement Strength	✓	-----
15.05	Cement Type	✓	-----
23.02	Maintained Access Roads	✓	-----
25.01	Necessary Equipment to Prevent Waste	✓	-----
23.04	Reclaimed Drilling Pits	✓	-----
23.05	No Surface or Underground Pollution	✓	-----
23.07	Requirements for Production & Gathering Pipelines	✓	-----
14.01	Well Records on Site	✓	-----
)2	Well Records Filed	✓	-----
17.05	Identification Markings	✓	-----

I HAVE INSPECTED THE ABOVE CAPTIONED WELL AND RECOMMEND THAT IT BE RELEASED:

SIGNED R.A. Lowther
DATE Jan 9, 1985

Your well record was received and reclamation requirements approved. In accordance with Chapter 22, Article 4, Section 2, the above well will remain under bond coverage for the life of the well.

T.H. v. B.B.

Administrator
January 30, 1985

Date