



1) Date: March 14, 19 83
 2) Operator's Well No. Cornell #3
 3) API Well No. 47 073 1610
 State _____ County _____ Permit _____

DRILLING CONTRACTOR:

Beacon Resources Corp.
#1 - 17th Street
Vienna, W. Va. 26105

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: 1160' Watershed: Sharps Run
 District: Jefferson County: Pleasants Quadrangle: Schultz-71/2
- 6) WELL OPERATOR Beacon Resources Corp.
 Address #1 - 17th Street
=Vienna, W. Va. 26105
- 7) OIL & GAS ROYALTY OWNER Lillian A. Cornell
 Address 305 Riverside Drive
St. Marys, W. Va. 25170
 Acreage 49 Acres
- 8) SURFACE OWNER Lillian A. Cornell
 Address 305 Riverside Drive
St. Marys, W. Va. 25170
 Acreage 49 Acres
- 9) FIELD SALE (IF MADE) TO:
 Address Consolidated Gas Co.
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED
 Name Robert Lowther
 Address phone# 758-4764
Middlebourne, W. Va.
- 11) DESIGNATED AGENT Walter H. Allen
 Address #1 - 17th Street
Vienna, W. Va. 26105
- 12) COAL OPERATOR _____
 Address _____
- 13) COAL OWNER(S) WITH DECLARATION ON RECORD:
 Name _____
 Address _____
- 14) COAL LESSEE WITH DECLARATION ON RECORD:
 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
- 17) Estimated depth of completed well, 4000' feet
- 18) Approximate water strata depths: Fresh, 800'' feet; salt, -0- feet.
- 19) Approximate coal seam depths: na/ Is coal being mined in the area? Yes _____ / No _____

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 WV DEPARTMENT OF MINES

20) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	Size	SPECIFICATIONS				FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS	
		Grade	Weight per ft.	New	Used	For drilling	Left in well			
Conductor										Kinds
Fresh water	<u>8-5/8"</u>					<u>1260'</u>	<u>1260'</u>	<u>CTS</u>		<u>NEAT</u>
Coal										Sizes
Intermediate	<u>4-1/2"</u>					<u>4000' T.D.</u>	<u>4000' T.D.</u>	<u>280 SK</u>		<u>OR AS REQ.</u>
Production	<u>2"</u>					<u>3900'</u>	<u>3900'</u>			Depths set <u>by Rule 15-01</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: John E. Smittle
 My Commission Expires July 16, 1991
- Signed: John E. Smittle
 Its: Agent

OFFICE USE ONLY

Permit number 47-073-1610 **DRILLING PERMIT** Date March 22, 19 83

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 preferred district oil and gas inspector 24 hours before actual permitted work has commenced.)

Permit expires November 22, 1983 unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond: <u>BB</u>	Agent: <u>lo</u>	Plat: <u>AS</u>	Casing: <u>AS</u>	Fee: <u>1200</u>
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T. L. H. A.
 Administrator, Office of Oil and Gas

NOTE: Keep one copy of this permit posted at the drilling location.

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 _____

ITEM #21 - EXTRACTION RIGHTS
CODE 22-4-11 (C)

49 ACRES Jefferson DISTRICT Pleasants COUNTY, WV

Bounded as follows:

- on the North by W. Va. Pulp & Paper Co.
- on the East by Hammett
- on the South by Sigler
- on the West by Hammett

Lessors & Address	Percent OGM Royalty Interest (of 1/8ths)	Recording	
		BK	PG
Mrs. Lillian A. Cornell 305 Riverside Dr. St. Marys, W. Va. 25170	1/8 plus 1/32 override	181	44

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OIL AND GAS DIVISION
WV DEPARTMENT OF MINES



#1151

IV-9
(Rev 8-81)

DATE MAR 4, 1983
WELL NO. R. CORNELL-3
API NO. 47-073-1610

State of West Virginia
Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME BEACON RESOURCES DESIGNATED AGENT WALTER ALLEN
Address NO 1, 17TH ST., VIENNA, WVA Address NO 1, 17TH ST., VIENNA W.VA
Telephone 295-3284 Telephone 295-3284
LANDOWNER RALPH L. CORNELL SOIL CONS. DISTRICT UPPER OHIO
Revegetation to be carried out by BEACON RESOURCES (Agent)

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

3333

3/11/83 (Date)
Zenneth R. Mason (SCD Agent)

ACCESS ROAD

LOCATION

ACCESS ROAD	LOCATION
Structure _____ (A)	Structure _____ (1)
Spacing _____	Material _____
Page Ref. Manual _____	Page Ref. Manual _____
Structure _____ (B)	Structure _____ (2)
Spacing _____	Material _____
Page Ref. Manual _____	Page Ref. Manual _____
Structure <u>CROSS DBAINS</u> (C)	Structure _____ (3)
Spacing <u>60-135</u>	Material _____
Page Ref. Manual <u>2-4</u>	Page Ref. Manual _____

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WV DEPARTMENT 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 + II

Lime _____ Tons/acre
or correct to pH 6.5
Fertilizer 500-400 lbs./acre
(10-20-20 or equivalent)
Mulch 2 Tons/acre
Seed* KY FESCUE 40 lbs/acre
RED CLOVER 8 lbs/acre
_____ lbs/acre

Treatment Area III

Lime _____ Tons/acre
or correct to pH _____
Fertilizer _____ lbs/acre
(10-20-20 or equivalent)
Mulch _____ 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 DARRELL BOICE
ADDRESS RT 1
ELIZABETH, W. VA
PHONE NO. 474-3654

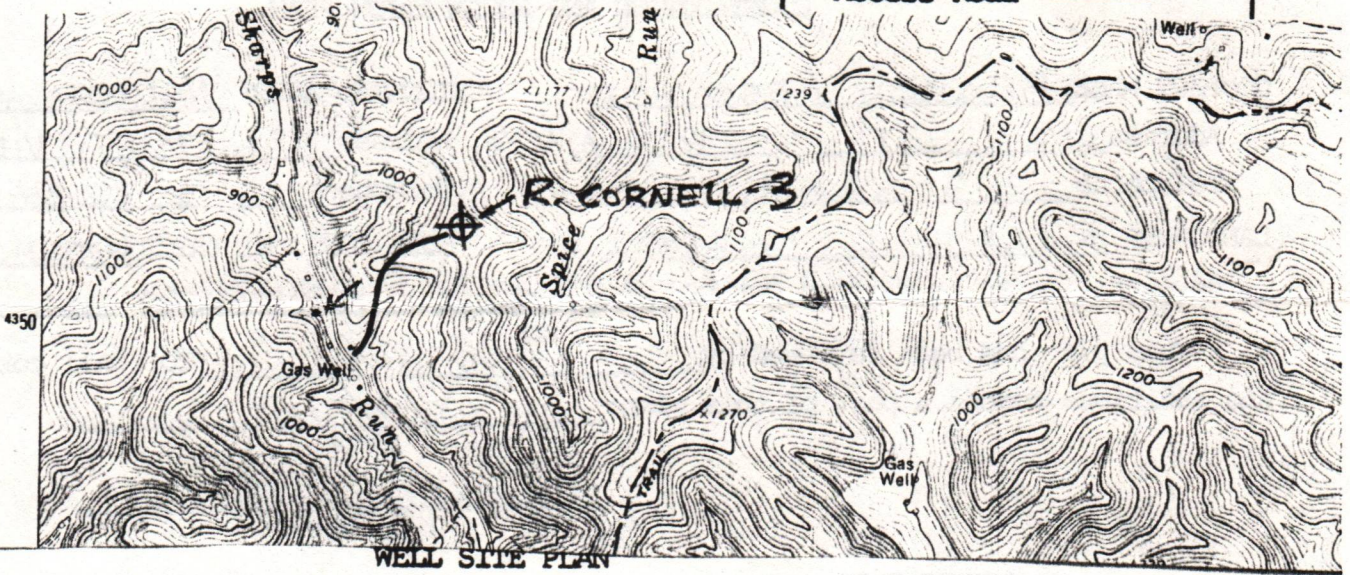
NOTES: Please request landowners' cooperation to protect new seedling for one growing season. Attach separate sheets as necessary for comments.

ATTACH OR PHOTOCOOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE SCHULTZ 7 1/2

LEGEND

Well Site 












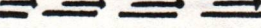
Access Road 

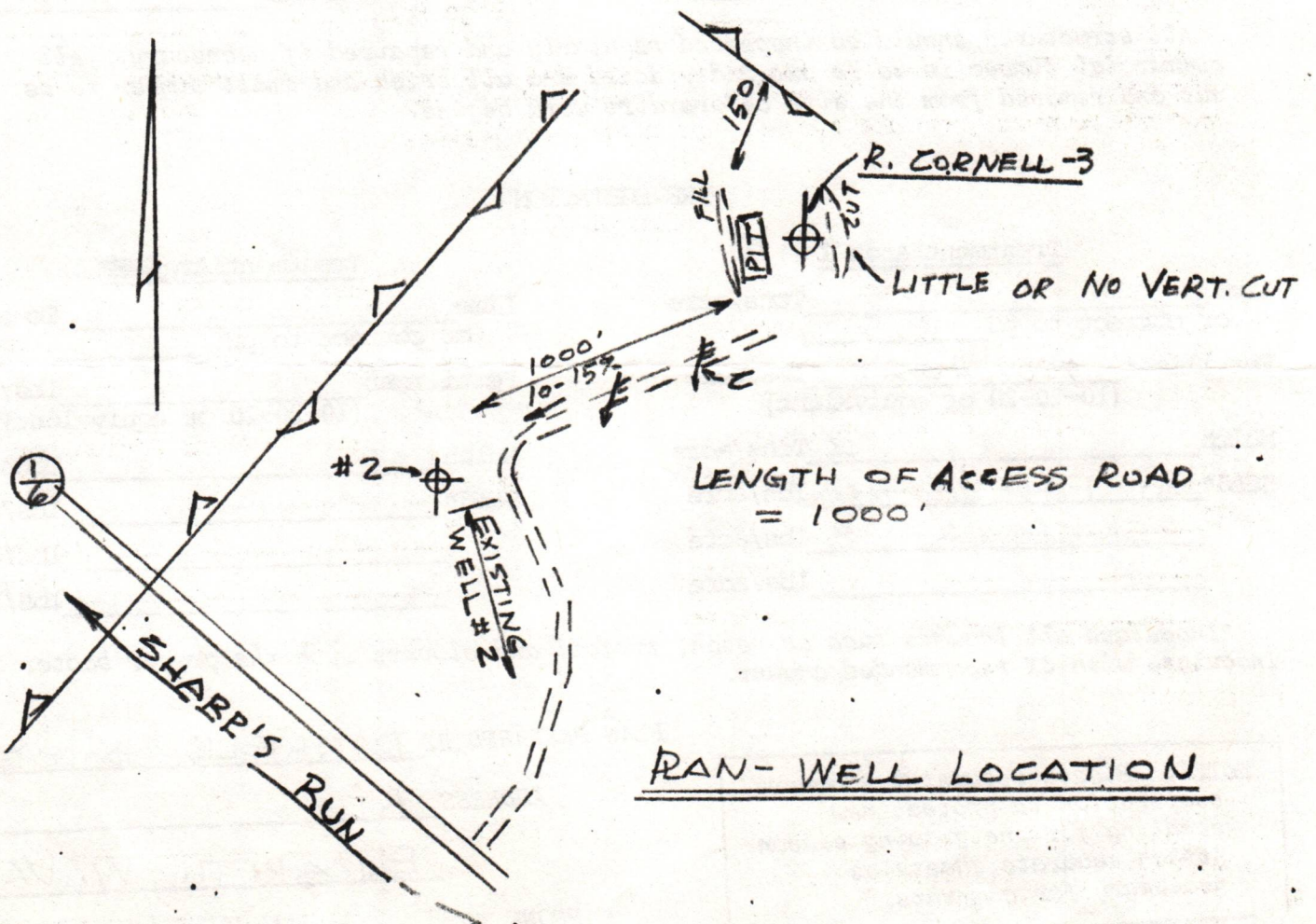


WELL SITE PLAN

Sketch to include well location, existing access road, roads to be constructed, wells, 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 	Wet spot 
Planned fence 	Building 
Stream 	Drain pipe 
Open ditch 	Waterway 



IV-35
(REV 8-81)

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OCT 12 1983



State of West Virginia

Department of Mines

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

Date 9-9-83

Operator's

Well No. RL Cornell #III

Farm RL Cornell

API No. 47 - 073 - 1610

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JUN 4 - 1984

WELL OPERATOR'S REPORT
OF

OIL & GAS DIVISION
DEPT. OF MINES

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

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

LOCATION: Elevation: 1160 Watershed Sharps Run

District: Jefferson County Pleasants Quadrangle Schultz

COMPANY Beacon Resources

ADDRESS #1 17th St. Vienna, WV 26105

DESIGNATED AGENT Russell T Poole

ADDRESS 2794 Valley Mills Rd Parkersburg, WV

SURFACE OWNER Lillian A Cornell

ADDRESS 305 Riverside Dr. St Mary's, WV

MINERAL RIGHTS OWNER Lillian A Cornell

ADDRESS 305 Riverside Dr. St Mary's, WV

OIL AND GAS INSPECTOR FOR THIS WORK Robert

Lowther ADDRESS Middlebourne, WV

PERMIT ISSUED 6-29-83

DRILLING COMMENCED 7-1-83

DRILLING COMPLETED 7-8-83

IF APPLICABLE: PLUGGING OF DRY HOLE ON
CONTINUOUS PROGRESSION FROM DRILLING OR
REWORKING. VERBAL PERMISSION OBTAINED
ON _____

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10"			
9 5/8			
8 5/8	1258	1258	300 SKS
7			
5 1/2			
4 1/2	4235	4235	400 SKS
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Marcellus Depth 4000 feet

Depth of completed well 4270 feet Rotary X / Cable Tools _____

Water strata depth: Fresh 800 feet; Salt 0 feet

Coal seam depths: N/A Is coal being mined in the area? _____

OPEN FLOW DATA

Producing formation Devonian Shale, Marcellus Pay zone depth 3798 - 4220 feet

Gas: Initial open flow Show Mcf/d Oil: Initial open flow Show Bbl/d

Final open flow 250 Mcf/d Final open flow 100 Bbl/d

Time of open flow between initial and final tests 8 hours

Static rock pressure 860 psig (surface measurement) after 8 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)

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

Perforated: 32 Holes 3798 - 4220

Fractured: 1st Stage Broke 2750# w/1,000,000 SCF N₂

2nd Stage Broke 2500# w/65,000 SCF N₂

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DEPT. OF MINES

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Sands & Shales			Surface	1270	PENNSYLVANIAN SYSTEMS-
UNC CS Clr Sandstone			1270	1400	
Sandstone, Gry-Blk Shale			1400	1460	
Sandstone, Blk Shale			1460	1520	
Clr Sandstone			1520	1560	
Clr SS, Gry Shl			1560	1620	
CL CS SS, Gry-Bk Shl			1620	1640	
Dk Gry Shl, Sandstone			1640	1700	
Sandstone, Dk Shale			1700	1770	
Dk Gry Shale			1770	1830	
Limestone (BIG LIME)			1830	1880	
Clr Sandstone			1880	1940	
Sandstone, Siltstone			1940	2020	
Shale, Sandstone (WIER)			2020	2060	
Gry Siltstone			2060	2090	
Siltstone, Gry Shale			2090	2150	
Bm Siltstone			2150	2180	
Lt Gry Shl, Lt Gry Slt			2180	2220	
Siltstone, Shale			2220	2260	
Siltstone, Shale			2260	2350	
Siltstone, Gry Shale			2350	2410	
Gry Shale (BEREA)			2410	2500	
Lt Gry Slate, Gry Shale			2500	2570	
Gry Siltstone			2570	2820	
Gry Slt, Gry Shale			2820	2970	
Gry Slate			2970	3000	
Gry Slt, Gry Shl			3000	3030	
Gry Slt			3030	3060	
Gry Slt, Gry Shl			3060	3090	
lt, Shl			3090	3180	
late			3180	3210	
lt, Shl			3210	3360	
rn Slt			3360	3390	
lt, Shl			3390	3480	
rn Slt			3480	3510	
lt, Shl			3510	3680	
Dk Gry-Blk Shl (SPEECHLEY)			3680	3780	
rn Slt, Shl (BAITOWN)			3780	3850	
lt, Trace Shl			3850	4000	
Gry-Brn Slt, Lt Gry Shl (MARETT)			4000	4030	

(Attach separate sheets as necessary) - continued

Vista Oil & Gas Corporation

Well Operator

By: *Russell D. Cook*

V/P

Date: 9-27-83

(Sheet 2 of 2)

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
(continued)					
Slt			4030	4090	
Lt Gry Slt, Lt Gry Shl			4090	4120	
Gry/Brn Slt			4120	4150	
Slt, Shl			4150	TD	

(Attach separate sheets as necessary)

Vista Oil & Gas Corporation
 Well Operator
 By: Russell D. Poole V/P
 Date: 9-27-83

PLEAS. 1610

Note: Regulation 5.02(i) provides as follows:
 The well log shall be a true and accurate record of the well log.

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

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
PENNSYLVANIAN SYSTEMS			SURFACE	1270	
1st COW RUN	SANDSTONE		1040	1066	
2nd COW RUN	SANDSTONE		1170	1200	

(Attach separate sheets as necessary)

VISTA OIL & GAS CORPORATION
 Well Operator
 By: [Signature] VICE-PRESIDENT
 Date: 5-31-84

Note: Regulation 2.02(i) provides as follows:
 The term 'log' or 'well log' shall mean a systematic
 including

100-1000

Date: October 11, 1983

Operator's Well No. Cornell #3

API Well No. 47 - 073 - 1610
State County Permi

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

WELL OPERATOR'S REPORT
OF
INITIAL GAS-OIL RATIO TEST

WELL OPERATOR Beacon Resources Corp.
Address #1 - Seventeenth St.
Vienna, W. Va. 26105

DESIGNATED AGENT Walter H. Allen
Address #1 - 17th St.
Vienna, W. Va. 26105

GEOLOGICAL TARGET FORMATION: Marcellus Depth 4000' feet
Perforation Interval _____ feet

GUIDELINES FOR TESTING:

- 1- A minimum of gas vented or flared
- 2- A 24 hour preflow into pipelines or tanks
- 3- Uniform producing rate during the 24 hour test per test period
- 4- Measurement standards as for Form IV-39, "Report of Annual Production" (see Regulation 21.01)
- 5- Separate Form IV-36 for each producing formation in a multiple completion

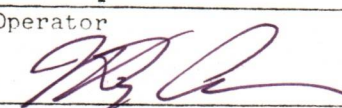
TEST DATA				
START OF TEST-DATE <u>10-6-83</u>	TIME <u>8 a.m.</u>	END OF TEST-DATE <u>10-9-83</u>	TIME <u>4 p.m.</u>	DURATION OF TEST <u>48 hours</u>
TUBING PRESSURE <u>-0-</u>	CASING PRESSURE <u>600#</u>	SEPARATOR PRESSURE <u>100#</u>	SEPARATOR TEMPERATURE	
OIL PRODUCTION DURING TEST <u>116</u> bbls.	GAS PRODUCTION DURING TEST <u>80</u> Mcf	WATER PRODUCTION DURING TEST & SALINITY <u>-0-</u> bbls. ppm.		
OIL GRAVITY <u>51</u> °API	PRODUCING METHOD (Flowing, pumping, gas lift, etc.) <u>flowing</u>			

586 bbls/day

GAS PRODUCTION		
MEASUREMENT METHOD FLANGE TAP <input checked="" type="checkbox"/> PIPE TAP <input type="checkbox"/> L-10 <input type="checkbox"/>	POSITIVE CHOKE CRITICAL FLOW PROVER <input checked="" type="checkbox"/>	
ORIFICE DIAMETER <u>3/4"</u>	PIPE DIAMETER (INSIDE DIAM.) <u>2"</u>	NOMINAL CHOKE SIZE - IN. <u>15/64</u>
DIFFERENTIAL PRESSURE RANGE	MAX. STATIC PRESSURE RANGE	PROVER & ORIFICE DIAM. - IN.
DIFFERENTIAL	STATIC	GAS GRAVITY (Air-1.0) MEASURED _____ ESTIMATED <input checked="" type="checkbox"/>
GAS GRAVITY (Air-1.0) <u>.08</u>	FLOWING TEMPERATURE	GAS TEMPERATURE _____ °F
24 HOUR COEFFICIENT	24 HOUR COEFFICIENT	
PRESSURE - _____ psia		

TEST RESULTS			
DAILY OIL <u>116</u> bbls.	DAILY WATER <u>-0-</u> bbls.	DAILY GAS <u>80</u> Mcf.	GAS-OIL RATIO <u>690 1.45</u> SCF/STB

Beacon Resources Corporation
Well Operator

By: W. H. Allen 
Its: President

Operator's Well No. CORNELL #3

API Well No. 47 - 073 - 1610
State County Permit

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JUN 21 1984 STATE OF WEST VIRGINIA DEPARTMENT OF MINES, OIL AND GAS DIVISION

OIL & GAS DIVISION DEPT. OF MINES WELL OPERATOR'S REPORT OF INITIAL GAS-OIL RATIO TEST

WELL OPERATOR BEACON RESOURCES CORPORATION
Address #1 17th STREET
VIENNA, WV 26105

DESIGNATED AGENT RUSSELL T. POOLE
Address 2794 VALLEY MILLS RD.
PARKERSBURG, WV 26101

GEOLOGICAL TARGET FORMATION: MARCELLUS Depth 4000' feet
Perforation Interval 3798'-4220' feet

GUIDELINES FOR TESTING:

- 1- A minimum of gas vented or flared
- 2- A 24 hour preflow into pipelines or tanks
- 3- Uniform producing rate during the 24 hour test per test period
- 4- Measurement standards as for Form IV-39, "Report of Annual Production" (see Regulation 11.01)
- 5- Separate Form IV-36 for each producing formation in a multiple completion

TEST DATA				
START OF TEST-DATE <u>2-6-84</u>	TIME <u>8:30 AM</u>	END OF TEST-DATE <u>2-7-84</u>	TIME <u>8:30 AM</u>	DURATION OF TEST <u>24 HOURS</u>
TUBING PRESSURE <u>-----</u>	CASING PRESSURE <u>260#</u>	SEPARATOR PRESSURE <u>110#</u>	SEPARATOR TEMPERATURE <u>N/A</u>	
OIL PRODUCTION DURING TEST <u>68</u> bbls.	GAS PRODUCTION DURING TEST <u>66.7</u> Mcf	WATER PRODUCTION DURING TEST & SALINITY <u>0</u> bbls. ppm.		
OIL GRAVITY <u>53</u>	*API	PRODUCING METHOD (Flowing, pumping, gas lift, etc.) <u>FLOWING</u>		

GAS PRODUCTION		
MEASUREMENT METHOD: FLANGE TAP <input checked="" type="checkbox"/> PIPE TAP <input type="checkbox"/> L-10 <input type="checkbox"/>	POSITIVE CHOKE <input checked="" type="checkbox"/> CRITICAL FLOW PROVER <input type="checkbox"/>	
ORIFICE DIAMETER <u>.750"</u>	PIPE DIAMETER (INSIDE DIAM.) <u>2.067 "</u>	NOMINAL CHOKE SIZE - IN. <u>18/64"</u>
DIFFERENTIAL PRESSURE RANGE <u>-----</u>	MAX. STATIC PRESSURE RANGE <u>500#</u>	PROVER & ORIFICE DIAM. - IN. <u>-----</u>
DIFFERENTIAL <u>20"-2"</u>	STATIC <u>90#-70#</u>	GAS GRAVITY (Air=1.0) MEASURED <u>.750</u> ESTIMATED <u>-----</u>
GAS GRAVITY (Air=1.0) <u>.750</u>	FLOWING TEMPERATURE <u>N/A</u>	GAS TEMPERATURE <u>N/A</u> °F
24 HOUR COEFFICIENT <u>-----</u>	24 HOUR COEFFICIENT <u>-----</u>	
PRESSURE - <u>-----</u> psia		

TEST RESULTS			
DAILY OIL <u>68</u> bbls.	DAILY WATER <u>0</u> bbls.	DAILY GAS <u>66.7</u> Mcf.	GAS-OIL RATIO <u>981 .98/1</u> SCF/STB

Oil

BEACON RESOURCES CORPORATION
Well Operator
By: Ken Wharton
Its: Completion Manager

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

RECEIVED

JUL 12 1983

INSPECTOR'S WELL REPORT

Permit No. 073-1610

OIL & GAS DIVISION
DEPT. OF MINES
(KIND)

Company Beacon Resources
 Address Venna W. Va
 Farm L.A. Cornell
 Well No. 3
 District Jefferson County Pleasant
 Drilling commenced 7-5-83
 Drilling completed _____ Total depth 2208
 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 _____
9 1/4	1258	1258	
6 3/4			Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED 8 5/8 SIZE 1258 No. FT. 7-7-83 Date
 NAME OF SERVICE COMPANY Nowaco
 COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES

Drillers' Names _____

Remarks: Cemented with 300 SKS 3% Ca ch

7-8-83

DATE

R.A. Lowther
DISTRICT WELL INSPECTOR

Form 26
2/16/82

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION
INSPECTOR'S PLUGGING REPORT

Permit No. _____ Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner	Location	Amount	Packer	Location		
PLUGS USED AND DEPTH PLACED			BRIDGES	CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST

Drillers' Names _____

Remarks: _____

_____ I hereby certify I visited the above well on this date.
DATE

_____ DISTRICT WELL INSPECTOR

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

RECEIVED
NOV 22 1983

INSPECTOR'S WELL REPORT
OIL & GAS DIVISION
DEPT. OF MINES

Permit No. 073-1610

Oil or Gas Well _____
(KIND)

Company <u>Beacon Resources</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>Vienna W.Va.</u>	Size			
Farm <u>Lillian Cornell</u>	16			Kind of Packer _____
Well No. <u>2</u>	13			
District <u>Jefferson</u> County <u>Pleasants</u>	10			Size of _____
Drilling commenced _____	8 1/4			
Drilling completed _____ Total depth _____	6 5/8			Depth set _____
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom _____
Volume _____ Cu. Ft.	Liners Used _____			Perf. top _____
Rock pressure _____ lbs. _____ hrs.				Perf. bottom _____
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY _____			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names _____

Remarks: well in violation flaring gas. shut well in notified main state oil co. Driller to not load any more oil, or I would prefer charges against him

11-17-83
DATE

R.A. Louther
DISTRICT WELL INSPECTOR

Form 26
2/16/82

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

INSPECTOR'S PLUGGING REPORT

Permit No. _____

Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner		Location		Amount	Packer	Location		
PLUGS USED AND DEPTH PLACED			BRIDGES			CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION			RECOVERED	SIZE	LOST

Drillers' Names _____

Remarks: _____

DATE I hereby certify I visited the above well on this date.

DISTRICT WELL INSPECTOR



RECEIVED

SEP 12 1984

OIL & GAS DIVISION
DEPT. OF MINES

State of West Virginia
Department of Mines
Oil and Gas Division
Charleston 25305

FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT
June 28, 1984

COMPANY Beacon Resources
#1 Seventeenth Street
Vienna, West Virginia 26105

PERMIT NO 073-1610 (3-22-83)
FARM & WELL NO R. L. Cornell #3
DIST. & COUNTY Jefferson/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 Casing	✓	
15.02	Adequate Coal Casing		
15.01	Adequate Production Casing	✓	
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	✓	
16.01	Well Records on Site	✓	
16.02	Well Records Filed	✓	
7.05	Identification Markings	✓	

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

SIGNED R. H. Lowther
DATE Sept 10, 1984

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. L. ...
Administrator-Oil & Gas Division
October 9, 1984

TMS/chm

DATE

TMS/

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

RECEIVED
NOV 28 1983
OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 073-1610

Oil or Gas Well _____
(KIND)

Company Beacon Resources
 Address Veenna W. Va.
 Farm Lillian Cornell
 Well No. 3
 District Jefferson County Pleasant
 Drilling commenced _____
 Drilling completed _____ Total depth _____
 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			
6 3/8			Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____
 NAME OF SERVICE COMPANY _____
 COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES

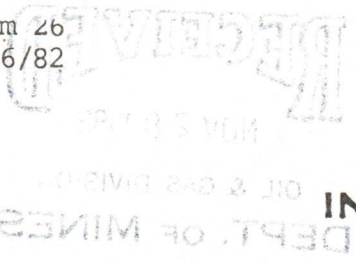
Drillers' Names _____

Remarks: Put stickers on Tank and well notifying Everyone well is under violation

11-23-83
DATE

R.A. Lowther
DISTRICT WELL INSPECTOR

Form 26
2/16/82



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

INSPECTOR'S PLUGGING REPORT

Permit No. _____

Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

Liner	Location		Amount	Packer	Location		
PLUGS USED AND DEPTH PLACED			BRIDGES		CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION		RECOVERED	SIZE	LOST

Drillers' Names _____

Remarks: _____

_____ I hereby certify I visited the above well on this date.
DATE

_____ DISTRICT WELL INSPECTOR



State of West Virginia
Department of Mines
Oil and Gas Division
Charleston 25305

WALTER N. MILLER
DIRECTOR

THEODORE M. STREIT
ADMINISTRATOR

BEFORE THE OFFICE OF OIL AND GAS
OF THE DEPARTMENT OF MINES
OF THE STATE OF WEST VIRGINIA

IN THE MATTER OF A)
REPORTED WASTE OF GAS)
FROM THE PRODUCTION OF)
OIL. VIOLATION 22-4-14)

CAUSE NO. 49

ORDER NO. 1

ORDER

22-4-14. Preventing waste of gas; plan of operation required for wasting gas in process of producing oil; rejection thereof....requires the limitation of waste of gas produced with oil.

In Pleasants County, the allowed daily reservoir voidage is fifteen (15) barrels per day while gas produced with oil must be flared. Beacon Resources Corporation's Gas-Oil Ratio Test of Well No. 47-073-1610 shown fifteen (15) barrels reservoir voidage in two (2) hours. Therefore, Beacon Resources Corporation may flare gas from Well No. 47-073-1610 two (2) hours per day until there is a pipeline connection, or 45 days, whichever occurs first.

All gas so vented will be flared. 6.2

Entered this 11th day of October, 1983 at Charleston, West Virginia.

IN THE NAME OF THE STATE OF WEST VIRGINIA:

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

By 
Theodore M. Streit, Administrator



State of West Virginia

Department of Mines

Charleston 25305

JOHN D. ROCKEFELLER, IV.
Governor

WALTER N. MILLER
Director

BEFORE THE OFFICE OF OIL AND GAS
OF THE DEPARTMENT OF MINES
OF THE STATE OF WEST VIRGINIA

IN THE MATTER OF A)
REPORTED WASTE OF GAS)
FROM THE PRODUCTION OF)
OIL. VIOLATION 22-4-14)

CAUSE NO. 49

ORDER NO. 2

ORDER

22-4-14. Preventing waste of gas; plan of operation required for wasting gas in process of producing oil; rejecting thereof....requires the limitation of waste of gas produced with oil.


Beacon Resources Corporation may flare gas from Well No. 47-073-1610 six (6) hours per day until December 25, 1983, or a pipeline connection, whichever occurs first. This is the final extension.

All gas so vented will be flared.

Entered this 28th day of November, 1983 at Charleston, West Virginia.

IN THE NAME OF THE STATE OF WEST VIRGINIA:

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

By 
Theodore M. Streit, Administrator



State of West Virginia
 Department of Mines
 Oil and Gas Division
 Charleston 25305

WALTER N. MILLER
 DIRECTOR

THEODORE M. STREIT
 ADMINISTRATOR

IN THE MATTER OF)
 PERMIT DENIAL AS)
 PROVIDED IN W. VA.)
 CODE 22-4-1(k)(i))

CAUSE NO. 58-D

ORDER NO. 2

REPORT OF THE OFFICE

Pursuant to the powers of the administrator in denying permits, under 22-4-1(k)(i) the office has issued the following order:

FINDINGS OF FACT

The following violations have been abated this date for Beacon Resources Corp.:

- 47-073-1603 Reclamation -Abatement Date Extended - (6-1-84)
- 47-073-1605 Wasting Gas -Abatement Date (10-27-83)
- 47-073-1610 Wasting Gas -Abatement Date (11-28-83)
- 47-085-6241 Reclamation -Abatement Date Extended - (4-1-84)
- 47-085-6584 Venting Gas -Abatement Date (10-21-83)

CONCLUSION OF LAW

The Office of Oil and Gas of the Department of Mines has authority to issue Orders to implement 22-4-et. seq. of the Code as outlined in 22-4-1g through 22-4-1k of the Code.

ORDER

Wherefore, it is hereby ordered that order Number 1 of this Cause is rescinded and permits may be issued again.

Entered in Charleston, West Virginia, this 14th day of December, 19 83.

IN THE NAME OF THE STATE OF WEST VIRGINIA:

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

By: *Theodore M. Streit*
 Theodore M. Streit, Administrator

IV-27
9-83

RECEIVED
OCT - 5 1983



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

Date: Oct 3 1983
Well No: 3
API NO: 47 - 073 1610
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: 1160 Watershed: Sharp's Run
District: Jefferson County: Boone Quadrangle: Shubly
WELL OPERATOR Beaumont Resources DESIGNATED AGENT John Tenison
Address Seventeenth St Address Dalms
Vienna W.V.

The above well is being posted this 3 day of Oct, 1983, for a violation of Code 22-4-14 and/or Regulation _____, set forth in detail as follows:

(USE REVERSE SIDE OF THIS NOTICE IF NECESSARY)

wasting of gas by venting

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 Oct 4, 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. Louthen
Oil and Gas Inspector

Address Middlebourne
W.V. 26149

Telephone: 758-4764

RECEIVED

OCT 12 1983

Date: oct 7 1983
 Operator's Well Number: 3
 API Well No.: No. 47 - 07.3 - 1610
 State County Permit

**OIL & GAS DIVISION -
 DEPT. OF MINES STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES OFFICE OF OIL AND GAS
 ORDER FOR FAILURE TO ABATE VIOLATION**

WELL TYPE: Oil / Gas / Liquid Injection _____ / Waste disposal _____

LOCATION: If "Gas" - Production / Storage _____ / Deep _____ / Shallow
 Elevation: 1160 Watershed: Sharps Run
 District: Jefferson County: pleasants Quadrangle: Schully

WELL OPERATOR: Beacon Resources
 Address: seventeenth st Vienna W. Va.

DESIGNATED AGENT: John Lamoreaux
 Address: Lamb

Notice is hereby given that the undersigned authorized oil and gas inspector has made a special inspection of the above-named well on oct 7, 1983.

The violation of Code 22-4-14, heretofore found to exist on oct 3, 1983 by Form IV-27, "Notice of Violation" 2, Form IV-28, "Imminent Danger Order" _____ of that date has not been totally abated and it has been determined that no further extension of time should be permitted for the following reasons:

(USE REVERSE SIDE OF THIS ORDER IF NECESSARY)

*wasting gas by venting
 violation order removed from well site*

Therefore, in accordance with the provisions of Code 22-4-1g, the well operator is hereby ORDERED:

- To continue cessation of operations until the imminent danger is fully abated.
- To cease further operations until the violation has been fully abated.

In accordance with Code 22-4-1h, a well operator or complaining coal operator, owner, or lessee may apply for review of this Order within 15 days of the date of this Order.

PURCHASER: Mainstay Oil Co
 Address: Newport Ohio

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

(Copies of this ORDER have been posted at the well site and sent by certified or registered mail to the indicated well operator or his designated agent.)

Date: Nov 30 1983
Operator's Well Number: 3
API Well No.: 47 - 073 - 1610
State County Permit

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

RECEIVED
DEC 2 - 1983
OIL & GAS DIVISION
DEPT. OF MINES

NOTICE OF ABATEMENT

WELL TYPE: Oil / Gas / Liquid Injection _____ / Waste disposal _____
If "Gas" - Production / Storage _____ / Deep _____ / Shallow
LOCATION: Elevation: _____ / Watershed: Sharp Run
District: Jefferson / County: Jefferson / Quadrangle: Schultz
WELL OPERATOR Beaton Resources / DESIGNATED AGENT John Simons
Address Seventeenth St / Address Same
Vienna W. Va.

Notice is hereby given that the undersigned authorized oil and gas inspector made a special inspection of the above named well on Nov 30, 1983.
The violation of Code 25-4-14 heretofore found to exist on Nov 9, 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
Co Has obtained Flaring permit and have agreed to abide by it

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.

R.A. Lowther
Oil and Gas Inspector
Address _____
Telephone _____

RECEIVED

NOV 17 1983

FORM IV-30
9-83

OIL & GAS DIVISION DEPT. OF MINES

Date: 11-14-83
Operator's Well Number 3
API Well No.: No. 47 - 073 - 1610
State County Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES OFFICE OF OIL AND GAS
ORDER FOR FAILURE TO ABATE VIOLATION

WELL TYPE: Oil / Gas / Liquid Injection / Waste disposal /
 / / /
If "Gas" - Production / Storage / Deep / Shallow
LOCATION: Elevation: 1160 / Watershed: Shavers Run
District: Jefferson / County: Pleasants / Quadrangle: Schelly
WELL OPERATOR: Barton Resources
Address: Seventeenth St Vienna W.Va 26105
DESIGNATED AGENT: John Simons
Address: Saml

Notice is hereby given that the undersigned authorized oil and gas inspector has made a special inspection of the above-named well on nov 14, 1983.

The violation of Code 22-4-14, heretofore found to exist on nov 9, 1983 by Form IV-27, "Notice of Violation" , Form IV-28, "Imminent Danger Order" of that date has not been totally abated and it has been determined that no further extension of time should be permitted for the following reasons:

(USE REVERSE SIDE OF THIS ORDER IF NECESSARY)

*Failure to Follow plan of operation Flaring gas more than Two Hrs
well checked on nov 14, 1983 at 10:30 AM Flare Burning
checked again at 1:30 PM Flare still Burning*

Therefore, in accordance with the provisions of Code 22-4-1g, the well operator is hereby ORDERED:

To continue cessation of operations until the imminent danger is fully abated.

To cease further operations until the violation has been fully abated.

In accordance with Code 22-4-1h, a well operator or complaining coal operator, owner, or lessee may apply for review of this Order within 15 days of the date of this Order.

PURCHASER: Main Star oil co
Address: Newport Ohio
Tank No 7693

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

(Copies of this ORDER have been posted at the well site and sent by certified or registered mail to the indicated well operator or his designated agent.)

DEPT. OF MINES
OIL & GAS DIVISION
NOV 17 1983
RECEIVED

FORM IV-30
B-83

Date: 11-11-83
Operator's Well Number: 11-11-83
Perm. No. 47
State: West Virginia
County: Boone

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES OFFICE OF OIL AND GAS
ORDER FOR FAILURE TO ABATE VIOLATION

WELL TYPE: Oil Gas Liquid Injection Waste disposal
LOCATION: Elevation: _____
District: _____
County: Boone
WELL OPERATOR: _____
Address: _____
DESIGNATED AGENT: _____
Address: _____

Notice is hereby given that the undersigned authorized oil and gas inspector has made a special inspection of the above-named Well on _____ 19_____.
The violation of Code _____ that is referred to in this Order is that the date has not been totally abated and it has been determined that no further extension of time should be permitted for the following reasons:

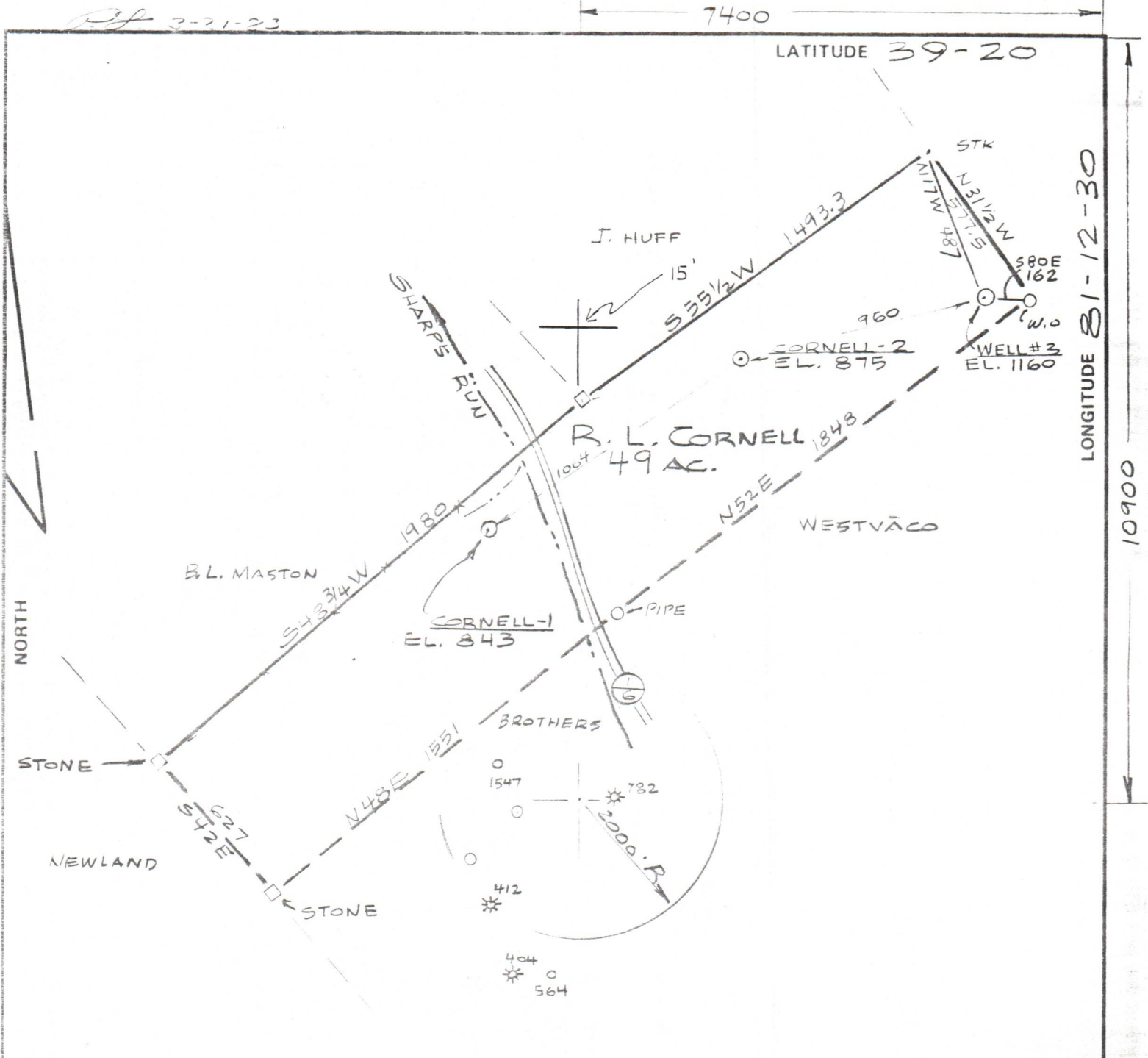
USE REVERSE SIDE OF THIS ORDER IF NECESSARY!

Failure to follow up on gas sampling. Sampling for gas was done on 11/10/83 and it was found that the gas concentration was 1.50 PM. This is a violation of Code 20-2-4.

Therefore, in accordance with the provisions of Code 20-2-4, the well operator is hereby ORDERED to continue operation of operations until the imminent danger is fully abated. To cease further operations until the violation has been fully abated. In accordance with Code 20-2-4, the well operator or complaining coal operator, or both may apply for review of this Order within 15 days of the date of this Order.

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

(Copies of this ORDER have been posted at the well site and sent by certified or registered mail to the indicated well operator or his designated agent.)



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1 IN 200
 PROVEN SOURCE OF ELEVATION USGS BM EL. 724 (SCHULTZ)

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) Danell R Boice
 R.P.E. _____ L.L.S. 667

PLACE SEAL HERE

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



DATE MAR 8, 19 83
 OPERATOR'S WELL NO. R. CORNELL-3
 API WELL NO. _____
47 - 073 - 1610
 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 1160 WATER SHED SHARPS RUN
 DISTRICT JEFFERSON COUNTY PLEASANTS
 QUADRANGLE SCHULTZ 7 1/2
 SURFACE OWNER R. L. CORNELL ACREAGE 49
 OIL & GAS ROYALTY OWNER R. L. CORNELL LEASE ACREAGE 49
 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 MARCELLUS ESTIMATED DEPTH 4000
 WELL OPERATOR BEACON RESOURCES DESIGNATED AGENT WALTER ALLEN
 ADDRESS No 1, 17TH ST. VIENNA, W. VA. ADDRESS No 1, 17TH ST. VIENNA, W. VA.

PLEAS. 1610

10901

LONGITUDE 81-12-30

LATITUDE 39-20

7400

2-21-23