

DIVISION OF OIL AND GAS
ATTN: FIELD ENFORCEMENT SECTION
FOUNTAIN SQUARE
COLUMBUS, OH 43224
FORM 56: REVISED 07/24/85

34 0832

3444
permit no.

**14

SPUD/PLUGGING DATE _____

RESTORATION REPORT



Preliminary well exists



FINAL - well plugged

OWNER Berwell Energy Inc. WELL NO. 5 LEASE NAME CORETTA BIGGS
COUNTY KNOX TOWNSHIP BUTLER SEC/LOT 1 LANDOWNER _____
(if not same as lease name)

- | | | | | | | |
|--|-----|----------|----|----------|-------------|----------|
| 1) Copy of Restoration Plan, Div. Form 4, used in inspection | YES | ___ | NO | ___ | N/A | <u>X</u> |
| 2) Pits filled as required | YES | <u>X</u> | NO | ___ | Date filled | ___ |
| 3) Location restored as required (graded or terraced) | YES | <u>X</u> | NO | ___ | | |
| 4) Drilling equipment removed | YES | <u>X</u> | NO | ___ | | |
| 5) Production equipment removed | YES | ___ | NO | <u>X</u> | | |
| 6) Debris removed | YES | <u>X</u> | NO | ___ | | |
| 7) Area seeded or sodded; vegetation established | YES | <u>X</u> | NO | ___ | | |
| 8) Roadways restored | YES | <u>X</u> | NO | ___ | | |
| 9) Landowner Waiver, Div. Form 5, filed (copy attached) | YES | ___ | NO | <u>X</u> | | |
| 10) Restoration Plan, Form 4, found accurate and correct | YES | ___ | NO | ___ | N/A | <u>X</u> |

(see reverse side for filing guidance)

REMARKS: _____

JUL 7 1986

DIVISION OF OIL AND GAS
REGION D

(TO BE SUBMITTED WITH INSPECTOR'S ACTIVITY REPORTS AFTER AREA IS IN COMPLIANCE WITH CHAPTER 1509)

NOTIFICATION RECEIVED: YES ___ NO X

John D. Rios Insp.
SIGNATURE AND TITLE

6-6-86
DATE SIGNED

3444

KNOX

3444



1. APPLICATION NUMBER 89490
 2. OPERATOR Berwill Energy, Inc.
 3. API 083 COUNTY Harvey
 4. PERMIT # _____ REISSUE _____

- | | INITIALS | DATE |
|--|-------------|---------------|
| 5. Application Entered | <u>D</u> | <u>12-27</u> |
| Application Part A | <u>/</u> | |
| Application Part B | <u>/</u> | |
| Restoration Plan | <u>/</u> | |
| Salt Water Hauler | <u>/</u> | |
| Co. Engineer File | <u>/</u> | |
| 6. Date Time Stamp | <u>mb</u> | <u>12/20</u> |
| 7. Fee \$95.00: Check No (s) | <u>4939</u> | <u>\$760.</u> |
| 8. Sent to Division of Mines | _____ | _____ |
| 9. Technical Review | <u>MST</u> | <u>1-3</u> |
| 10. Special Area/Samples Yes <input checked="" type="radio"/> No <input type="radio"/> | <u>MST</u> | <u>1-3</u> |

- | | | |
|---|-----------|------------|
| 11. Returned Division of Mines | _____ | _____ |
| 12. Geologist Approval | <u>CM</u> | <u>1/3</u> |
| 13. Permit: Taken <input type="radio"/> Mailed <input checked="" type="radio"/> | <u>CM</u> | <u>1/5</u> |
| 14. Called Inspector if picked up | _____ | _____ |
| 15. Final Map Check | _____ | _____ |

16. COMMENTS _____

17. DATE - TIME - INITIALS _____

STATE OF OHIO
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL AND GAS

OIL AND GAS WELL
DRILLING PERMIT

API WELL NUMBER

FORM 51; REVISED 7/83

3 4 083 2

3444
PERMIT

**1 4

OWNER/OPERATOR NAME, ADDRESS:

BERWELL ENERGY INC
1830 MACKENZIE DR
COLUMBUS OH
43220

DATE ISSUED:

12/30/83

PERMIT EXPIRES:

06/27/84

TELEPHONE NUMBER:

614-451-8980

IS HEREBY GRANTED PERMISSION TO: Drill New Well
IF UNPRODUCTIVE.

AND ABANDON NEW WELL

PURPOSE OF WELL: Oil & Gas

SUBSTANCE TO BE STORED OR COMPLETION DATE IF PERMIT TO PLUG:

DESIGNATION AND LOCATION:

LEASE NAME CORETTA BIGGS

WELL NUMBER 5

COUNTY KNOX

CIVIL TOWNSHIP

TRACT OR ALLOTMENT

FOOTAGE LOCATION

BUTLER

155' NL & 1350' WL OF LOT 1

SECTION

LOT 1

FRACTION

QUARTER TOWNSHIP

TYPE OF TOOLS: Cable

PROPOSED TOTAL DEPTH 3400

FEET

GROUND LEVEL ELEVATION 1175

GEOLOGICAL FORMATION(S)

CLINTON

ULTIMATE DISPOSAL OF WATER AND OTHER WASTE SUBSTANCES:

See letter for Annular Disposal
Salt Water Haulers

CONDITIONALLY APPROVED CASING PROGRAM (SUBJECT TO APPROVAL OF OIL AND GAS WELL INSPECTOR):

DRIVE PIPE LANDED IN BEDROCK

8" 50' BELOW BIG INJUN @ 650' W/PREPARED CLAY PRESSURE CIRCULATED TO SUR

7" APPROX. 950' THRU BEREA

4-1/2" PRODUCTION CASING TO T.D. CEMENTED IF PRODUCTIVE

This permit is NOT TRANSFERRABLE and expires 180 days after issuance, unless drilling has commenced prior thereto. This permit, or an exact copy thereof, must be displayed in a conspicuous and easily accessible place at the well site before permitted activity commences and remain until the well is completed. Ample notification to inspector is necessary. All mudding, cementing, placing and removing casing, and plugging operations must be done under the supervision of:

OIL AND GAS WELL INSPECTOR:

BAXTER, COLIN T.

425 DONOVAN DR

NEWARK

614-366-5722

OH

BELL, LEWIS - SUPVR.

614-366-3068

FIRE AND EMERGENCY NUMBERS:

FIRE: 614-599-6444

MEDICAL SERVICE: 614-599-6444

SPECIAL CONDITIONS:

DEPUTY MINE INSPECTOR: MUST BE NOTIFIED IF WELL IN A COAL-BEARING TOWNSHIP IS TO BE PLUGGED AND ABANDONED.

/s/ Renee J. Hauser

CHIEF, DIVISION OF OIL AND GAS

WHITE - WELLSITE COPY / BLUE - INSPECTOR'S COPY / GREEN - DIVISION OF OIL AND GAS COPY / CANARY - DIVISION OF MINES COPY
PINK - DIVISION OF MINES COPY / GOLDENROD - OPERATOR'S FILE COPY

1 SURETY#: 189 5 APP#: 89490 16 CNTY: KNOX 17 TWP: BUTLER 10 TYPE APP: NW 12 PURP: OG 13 STORAGE:

24 SEC: 25 LOT: 26 1 FRACT: 27 QTR TWP: 28 TRACT: 29 ALLOT:

22 WELL: 5 23 LEASE NAME: CORETTA BIGGS 31 FORM: CLINTON 30 FID: 3400 DI UNIT: 204.02

33 TOOL: CT 34 COAL B: N 36 FIRE: 614-599-6444 37 MED: 614-599-6444 38 QUAD: WALHONDING

39 X COORD: 2,084,850 40 Y COOR: 250,850 41 ELEVA: 1175 42 WELL CLASS: Pool

PREVIOUSLY PERMITTED

2 API: 3 DRL/D: 4 PERMIT:

6 TYPE APP: 7 PURP: 8 WELL: 9 LEASE NAME: 10 FID: 11 O FORM:

13 ST SURF: N 16 ST MIN: N 19 RE NOT: 21 O REG: D 22 CALL: 86 23 DISP: A: AD B: SH C: 24 SW CNTY: 27 SW PER:

28 DI CNTY: 29 DI TWP: 30 SR CNTY: 31 SR PER: 32 IO DATE: 34 O CON AMT: 0

33 CONTRACTOR:

CASING PROGRAM:

02		
33	8	650
07	7	950
21		

FOOTAGE: 155'NL + 1350'WL of Lot 1

SPEC COND

OR CSG: (12 APB) -- FUTURE

48 TECH DATE: 1/3

49 GEO DATE: 1/3

50 GEO INT: MB114

51 ISSUE:

52 REISSUE:

APPLICATION FOR A PERMIT
OHIO DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS, FOUNTAIN SQ., BLDG. A, COLUMBUS, OH 43224

89490

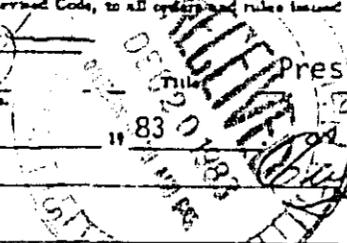
INSTRUCTIONS ON REVERSE SIDE		FORM 1: Revised 12/01/83
1. I, We (applicant) <u>Berwell Energy, Inc.</u>		2. <u>Owner #F-0000189</u>
(address) <u>1880 Mackenzie Drive Columbus Ohio 43220</u>		Phone # <u>614 - 451 8980</u>
hereby apply this date <u>12-20-83</u> , 19 <u> </u> for a permit to:		
<input checked="" type="checkbox"/> Drill <input type="checkbox"/> Plug Back <input type="checkbox"/> Plug & Abandon <input type="checkbox"/> Convert <input type="checkbox"/> Reopen <input type="checkbox"/> Deepen <input type="checkbox"/> Reissue <input type="checkbox"/> Reissue & Revised Location		
3. TYPE OF WELL: <input checked="" type="checkbox"/> Oil & Gas <input type="checkbox"/> Artificial Brine <input type="checkbox"/> Saltwater Injection <input type="checkbox"/> Industrial Waste Storage of: _____ Other: Explain _____ <input type="checkbox"/> *Solution Mining <input type="checkbox"/> *Enhanced Recovery (If type chosen has an asterisk (*), check appropriate box below) <input type="checkbox"/> Input/Injection <input type="checkbox"/> Water Supply <input type="checkbox"/> Production/Extraction <input type="checkbox"/> Observation		
4. MAIL PERMIT TO: <u>Berwell Energy, Inc.</u> <u>1880 Mackenzie Drive</u> <u>Columbus, Ohio 43220</u>	24. TYPE OF TOOLS <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Air Rotary <input type="checkbox"/> Fluid Rotary <input type="checkbox"/> Air & Fluid Rotary <input type="checkbox"/> Cable & Air Rotary <input type="checkbox"/> Cable & Fluid Rotary <input type="checkbox"/> Cable & Air Rotary & Fluid Rotary	
5. COUNTY: <u>Knox</u>	25. PROPOSED CASING PROGRAM: <input type="checkbox"/> 10" Drive pipe to bedrock <input type="checkbox"/> 8" to Big Injun <input type="checkbox"/> 7" thru Berea <input type="checkbox"/> 4 1/2" Production casing to T.D.	
6. CIVIL TOWNSHIP: <u>Butler</u>	26. IF SURFACE RIGHTS ARE OWNED BY THE STATE OF OHIO, DEPARTMENT OF NATURAL RESOURCES: Division _____ Telephone _____	
7. SECTION: _____ 8. LOT: <u>1</u>	27. FIRE AND MEDICAL DEPT. TELEPHONE NUMBERS Closest to Well Site: Fire <u>614 - 599 - 6444</u> Medical <u>614 - 599 - 6444</u>	
9. FRACTION: _____ 10. QTR TWP: _____	28. MEANS OF INGRESS CO Rd <u>37</u> TWP Rd <u>198</u> Municipal Rd _____ State Hwy <u>36</u>	
11. TRACT/ALLOT: _____	29. MEANS OF EGRESS CO Rd <u>37</u> TWP Rd <u>198</u> Municipal Rd _____ State Hwy <u>36</u>	
12. WELL #: <u>5</u>	30. FINAL DISPOSAL If annular disposal is checked, an alternate plan must also be indicated; if trucking will be used in any phase of final disposal, item (f) must be completed:	
13. LEASE NAME: <u>Coretta Biggs</u>	a. <input checked="" type="checkbox"/> Annular Disposal b. <input type="checkbox"/> Drilling Operations	
14. PROPOSED TOTAL DEPTH: <u>3400</u>	c. <input type="checkbox"/> Salt Water Injection Well: County _____ Permit # _____	
15. GEOLOGICAL FORMATION: <u>Clinton</u>	d. <input type="checkbox"/> Dust/Ice Control: County _____ Township or Municipality _____	
16. DRILLING UNIT IN ACRES (must be same as acres indicated on plat): <u>204.02 Acres</u>	e. <input type="checkbox"/> Enhanced Recovery: County _____ ER Project # _____	
IF PERMITTED PREVIOUSLY:	f. <input checked="" type="checkbox"/> Salt Water Haulers' names, addresses and telephone numbers:	
17. API #: <u>34</u> _____ * * <u>14</u> _____	1. <u>Imperial Drilling Co. (614) 599-7983</u>	
18. OWNER: _____	2. <u>15570 MILLERSBURG RD DANVILLE OHIO 43014</u>	
19. WELL #: _____		
20. LEASE NAME: _____		
21. PREVIOUS TOTAL DEPTH: _____		
22. PREVIOUS GEOLOGICAL FORMATION: _____		
23. LANDOWNER ROYALTY INTEREST Name <u>Coretta Biggs</u> Address <u>Millwood Ohio</u> Name _____ Address _____ Name _____ Address _____		

I the undersigned, being first duly sworn, depose and state under penalties of law, that I am authorized to make this application, that this application was prepared by me or under my supervision and direction, and that date and facts stated therein are true, correct, and complete, to the best of my knowledge.

I the undersigned, further depose and state that I am the person who has the right to drill upon the tract of land or drilling unit, described in this application, and that I have the right to produce oil and gas from a pool thereon, and to appropriate the oil or gas that I produce therefrom either for myself or others. And furthermore, I the undersigned, being first duly sworn, depose and state at this time I am not liable for a final unappealable order of a court for damage to streets, roads, highways, bridges, culverts, or drainage ways pursuant to Section 5577.12 of the Ohio Revised Code, and that all requirements of any political subdivision having jurisdiction over an activity related to the drilling or operation of this oil or gas well that are in effect at the time of this application and on file with the Division of Oil and Gas, including but not limited to zoning ordinances and the requirements of Section 4513.34 of the Ohio Revised Code, will be complied with until abandonment of this well, and that a plan for restoration of the land surface disturbed by drilling operations shall be filed with the Division of Oil and Gas. Such plan shall comply with the restoration requirements of Section 1509.072 of the Ohio Revised Code and any rules adopted by the Chief of the Division pertaining to such restoration, and if applying for a permit to plug and abandon a well, I hereby certify that the written notices, as required in Section 1509.13, Ohio Revised Code, have been given.

That I hereby agree to conform with all provisions of Chapter 1509 of the Ohio Revised Code, to all orders and rules issued by the Chief, Division of Oil and Gas.

Signature of Owner/Authorized Agent: John T. Klinkfus President
 Name (Type or Print): John T. Klinkfus
 If signed by Authorized Agent, a certified copy of appointment of agent must be attached.
 SWORN to and subscribed before me this 20th day of December, 1983


 EUGENE J. WALSBY, Notary Public, State of Ohio
 My commission has no expiration date.
 Section 147.03 R. C.

(5544)

II

D. LANG

LOT LINE

18 7

D.S.
YOUNG

50'

350

#1 1125'
Elev 1075

Jame

LOT LINE

18 7

TWP. 191

R.
BEUKEMA

350

#2
Elev. 1140

1350

33'

G.
LEPLEY

R.E.C.
LEPLEY

350' Elev. 1130
#3

507

350'

204.02 Ac.

155' NW 1/4 of lot 1
204.02 A. / 101 Acre 0.7

Scale: 1" = 400'

I hereby certify that all drilling or producing wells and streams within 150 feet have been shown, the than 300 feet, that this plat is true and correct current State of Ohio Department of Natural Resources

M. N. [Signature]

REG. SURVEYOR # 6357

OPERATOR Berwell Energy, Inc. NO. EXP
ADDRESS Columbus, Ohio SUE TWP

SURFACE OWNER James F. & Coretta Biggs RAN: QUAI

MINERAL OWNER (same) SEC. TRAC

WELL NO. 5 DRILLING UNIT AC. --- ALIC FRAC

COUNTY Knox TWP. Butler OHIO PLANE COORDINATES

QUAD. Walhonding

ZONE X 2,054,850 ✓ ELEV FIEL

Y 1,000,000 ✓

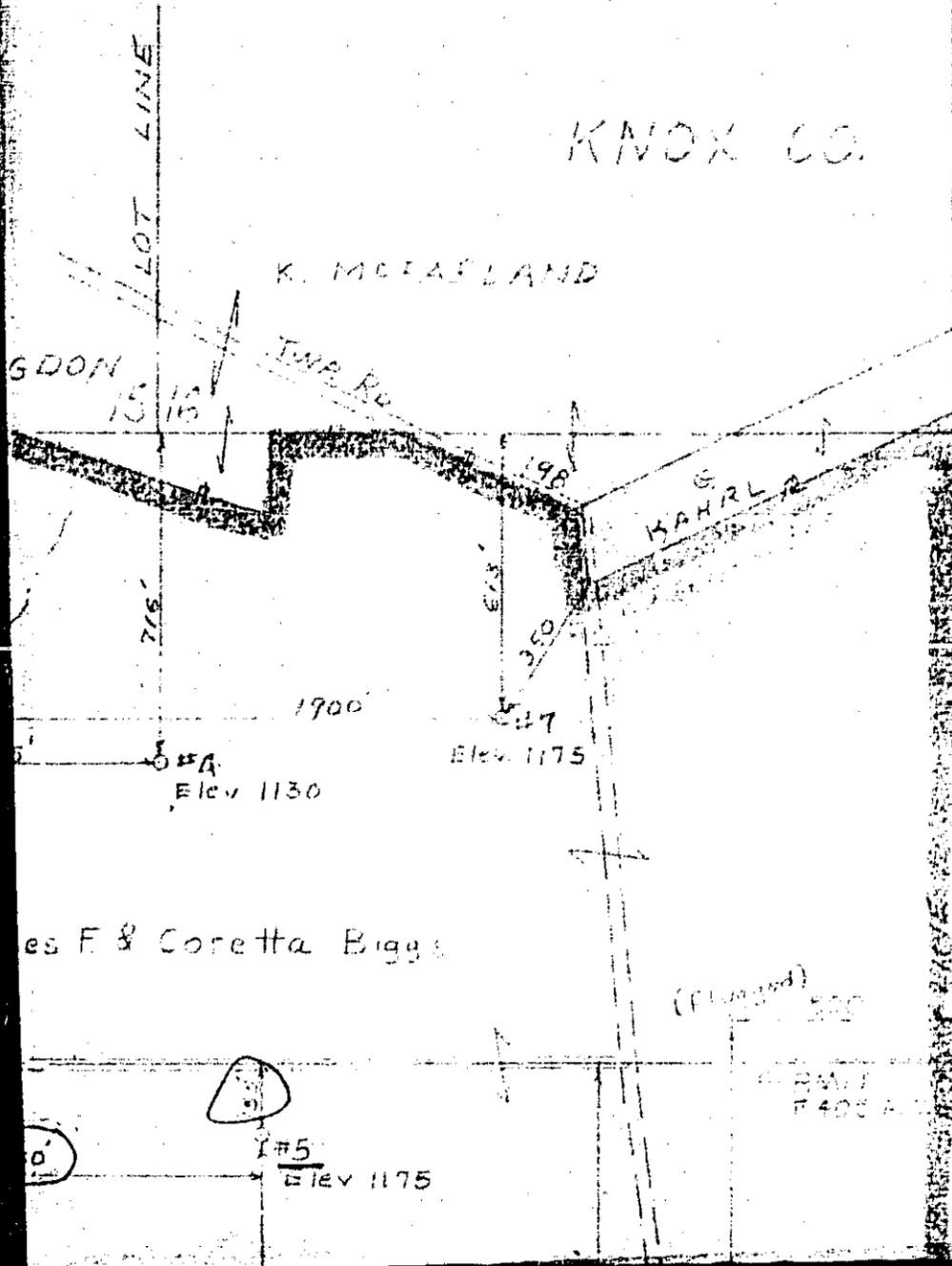


KNOX CO.

K. McEASLAND

COSHOCTON CO.

H.M. KAHRL

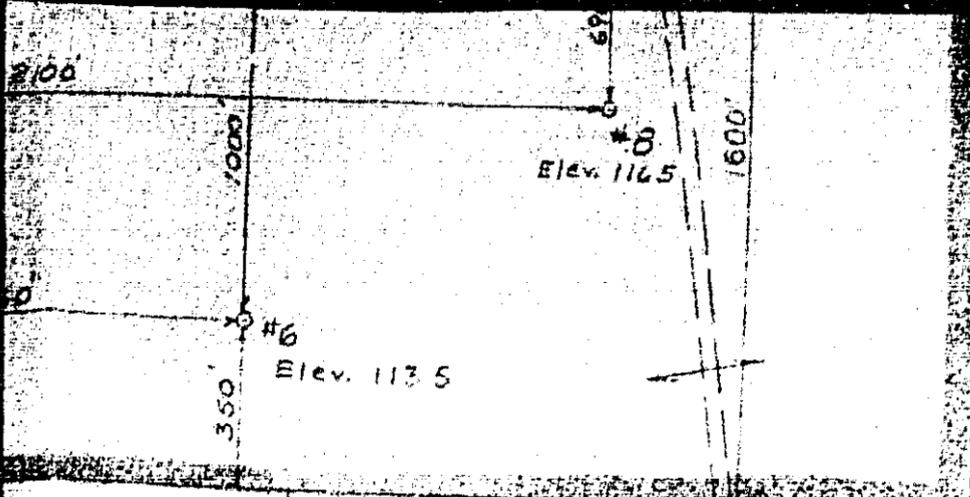


es F & Coretta Biggs

LOT LINE

H.M. LEACHE

LOT LINE



19
L.R.
GOODMAN

R. Z.
DICKERSON L.
GOODMAN

Subject Tract

ing wells within 100 feet and all buildings
there are no drilling unit lines nearer
correct and was prepared according to the
Resources, Division of Oil and Gas Regulations.

NOTARY _____
 EXP. DATE _____
 SUBDIVISION CIVIL TWP. _____
 TWP. 6N _____
 RANGE 10W _____
 QUARTER TWP. 1st _____
 SECTION _____ LOT 1 _____
 TRACT _____
 ALLOTMENT _____
 FRACTION _____ OTHER _____
 ELEV. 1175 DATE 11-17-83
 FIELD QUAD.



RESTORATION PLAN
OHIO DEPARTMENT OF NATURAL RESOURCES
 DIVISION OF OIL & GAS, FOUNTAIN SQ., BLDG. A, COLUMBUS, OH 43224

1. DATE OF APPLICATION: 12-20 83		FORM 4: Revised 06/01/81	
2. OWNER NAME, ADDRESS, & TELEPHONE #'s: Berwell Energy Inc. 1880 Mackenzie Drive Columbus, Ohio 43220 (614) 451 8980		3. API #: 3 4 0 8 3 2 * * 1 4 -	
		4. WELL #: 5	
		5. LEASE NAME: Berwell Energy, Inc.	
		6. PROPERTY OWNER: Coretta Biggs	
		7. COUNTY: Knox	
		8. CIVIL TOWNSHIP: Butler	
		9. SECTION: _____	10. LOT: 1
11. CURRENT LAND USE:		17. TYPE OF WELL:	
<input checked="" type="checkbox"/> Cropland ___ Commercial ___ Pasture ___ Idle Land ___ Wetlands ___ Recreational ___ Residential ___ Industrial ___ Unreclaimed strip mine ___ Woodland: Circle Broad-leaved or Needlelike		<input checked="" type="checkbox"/> Oil <input checked="" type="checkbox"/> Gas ___ Other	
		18. STEEPEST SLOPE GRADIENT CROSSING SITE:	
		___ 0 to 2% ___ 2.1 to 8% <input checked="" type="checkbox"/> 8.1 to 10% ___ 10.1 to 24% ___ greater than 24%	
12. SLOPE GRADIENT & LENGTH DETERMINED FROM:		19. LENGTH OF STEEPEST SLOPE CROSSING SITE:	
___ Ground measurement <input checked="" type="checkbox"/> U.S. Geological Survey Topographical Maps ___ Other, explain _____		___ 1 to 100 ft. ___ 101 to 200 ft. ___ 201 to 400 ft. <input checked="" type="checkbox"/> greater than 400 ft.	
13. TYPE OF FALL VEGETAL COVER:		20. RESTORATION OF DRILLING PITS:	
___ Little or no vegetal cover ___ Short grasses ___ Tall weeds or short brush (1 to 2 ft.) ___ Brush or bushes (2 to 6 ft.) <input checked="" type="checkbox"/> Agricultural crops ___ Trees with sparse low brush ___ Trees with dense low brush		<input checked="" type="checkbox"/> Haul drilling fluids and fill pits ___ Use steel circulating tanks ___ Proposed alternative _____	
14. SOIL & RESOILING MATERIAL AT WELLSITE:		21. BACKFILLING AND GRADING AT SITE:	
___ Stockpile & protect topsoil to be used when preparing seedbed ___ Use of soil additives (e.g. lime, fertilizer) <input checked="" type="checkbox"/> No resoiling planned ___ Proposed alternative _____		___ Construct diversions channelled to naturally established drainage systems ___ Construct terraces across slopes <input checked="" type="checkbox"/> Grade to approximate original contour ___ Grade to minimize erosion & control offsite runoff ___ Proposed alternative _____	
15. DISPOSAL PLAN FOR TREES AND TREE STUMPS:		22. VEGETATIVE COVER TO BE ESTABLISHED AT SITE:	
___ No trees disturbed ___ Haul to landfill ___ Cut into firewood ___ Sell to lumber co. ___ Bury with landowners approval ___ Mulch sm. trees & branches, erosion control ___ Use for wildlife habitat ___ Proposed alternative _____		<input checked="" type="checkbox"/> No seeding plan proposed ___ Sod ___ Agricultural crops ___ Trees &/or Bushes ___ Proposed alternative _____	
16. SURFACE AND SUBSURFACE DRAINAGE FACILITIES:		23. TEMPORARY SALTWATER STORAGE FACILITY:	
<input checked="" type="checkbox"/> No existing drainage facilities for removal of surface and/or subsurface water ___ Tile drainage system underlying land to be disturbed ___ Drain pipe(s) underlying land to be disturbed ___ Surface drainage facilities on land to be disturbed		<input checked="" type="checkbox"/> Properly constructed & maintained liquid tight pits surrounded by an embankment to prevent surface water from entering ___ Steel tanks with approved internal lining or coating ___ install liquid tight cement storage vaults* ___ Install liquid tight fiberglass tanks* ___ Proposed alternative _____ *Permission required for burial	
		24. ADDITIONAL HOLES:	
		<input checked="" type="checkbox"/> Rat/Mouse, if used, will be plugged.	

25. PROPOSED OR CURRENT LENGTH OF ACCESS ROAD: <input type="checkbox"/> 100 ft. or less <input checked="" type="checkbox"/> 101 to 500 ft. <input type="checkbox"/> 501 to 1500 ft. <input type="checkbox"/> greater than 1500 ft.	28. PATH OF ACCESS ROAD TO BE DETERMINED BY: <input checked="" type="checkbox"/> Landowner <input type="checkbox"/> Contractor <input type="checkbox"/> Existing access road <input type="checkbox"/> Operator
26. CURRENT LAND USE OF PATH OF ACCESS ROAD: <input checked="" type="checkbox"/> Cropland <input type="checkbox"/> Pasture <input type="checkbox"/> Commercial <input type="checkbox"/> Idle land <input type="checkbox"/> Wetlands <input type="checkbox"/> Recreational <input type="checkbox"/> Industrial <input type="checkbox"/> Residential <input type="checkbox"/> Unreclaimed strip mine <input type="checkbox"/> Woodland (Circle <u>Broad-Leaved</u> or <u>Needlelike</u>)	29. GRADING & EROSION CONTROL PRACTICE ON ROAD: <input type="checkbox"/> Diversions <input type="checkbox"/> Water breaks <input type="checkbox"/> Drains <input checked="" type="checkbox"/> Outsloping of road <input type="checkbox"/> Open top culverts <input type="checkbox"/> Pipe culverts <input type="checkbox"/> Filter Strips <input type="checkbox"/> Rip rap <input type="checkbox"/> Proposed alternative _____
27. SURFACING MATERIAL FOR ACCESS ROAD: <input type="checkbox"/> Gravel <input type="checkbox"/> Brick and/or tile waste <input type="checkbox"/> Slag <input type="checkbox"/> Crushed stone <input checked="" type="checkbox"/> No surfacing material to be used <input type="checkbox"/> Proposed alternative _____	30. STEEPEST SLOPE GRADIENT ON ACCESS ROAD: <input type="checkbox"/> 0 to 5% <input type="checkbox"/> 6 to 10% <input checked="" type="checkbox"/> greater than 10% 31. APPROX. LENGTH OF STEEPEST SLOPE ON ROAD: <input type="checkbox"/> 0 to 100 ft. <input type="checkbox"/> 101 to 200 ft. <input checked="" type="checkbox"/> 201 to 400 ft. <input type="checkbox"/> greater than 400 ft.
32. HAS LANDOWNER RECEIVED A COPY OF THIS RESTORATION PLAN? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

The undersigned hereby agrees to implement all restoration operations identified on this form, and conform to all provisions of Section 1509.072 of the Ohio Revised Code, and to all orders and rules issued by the Chief, Division of Oil and Gas.

Signature of Owner/Authorized Agent John T. Klinkerus
Name (Typed or Printed) JOHN T. KLINKERUS Date 12-20-83

Restoration Plan must be submitted to the Division in duplicate.

3 4 0832 3444 X 1 4

Permit No.

(To be submitted with Activity Report)

RECORD OF CASING, CEMENTING AND MUDDING

Well Owner: Berwell Energy Inc
 Lease Name: Cortha Biggs Well No. 5
 County: Knox Twp. Butler
 Contractor: Chas Kidd

Type of Tools: ROTARY CABLE
 Service Company: Conoco

Procedure: PRESSURE GRAVITY
 Plugging of: _____
 Mouse hole YES NO _____ SACKS
 Rat hole YES NO _____ SACKS

CASING RECORD		
SIZE	SET	REMARKS
10"	43'	
8 5/8"	515'	

Date Issued: 12-30-83 Expiration Date: 6-27-84

Spud Date: Month 6 Day 1 Year 84

Type of Job: SURFACE PRODUCTION OTHER

Type of Cement: Comm Sacks: 35

Amount of Mud: _____

Size of Hole: 6 1/2" DEPTH 3229' FT

Casing: SIZE 4 1/2" DEPTH 3155' FT

Float Equipment: SHOE COLLAR OTHER

Special Equipment: _____

Cement/Mud Circulated to Surface: YES NO
 Notification Received: YES NO
 Job Witnessed by Inspector: YES NO
 Annular Disposal indicated on permit: YES NO
 Meets construction requirements for A.D. (Explain below if no or if remedial action is required). YES NO
 DATE JOB COMPLETED 6-12-84

Formations: (if available)	<input type="checkbox"/> DL <input type="checkbox"/> EL <input type="checkbox"/> KB <input type="checkbox"/> RF <input type="checkbox"/> GL		
	NAME	TOP	BOTTOM

Remarks:
 (attach cement/mud tickets if available)

RECEIVED

JUL 10 1984

DIVISION OF OIL AND GAS

Date: 6-30-84

Signed: Colin [Signature]
 OIL AND GAS WELL INSPECTOR

Cemenco - Service, Inc.

GENERAL SERVICE WORK
OIL & GAS WELL CEMENTING
P. O. Box 2006
Zanesville, Ohio 43701
453-7447

DAXTER
INVOICE

15795



Date 6-23-84		County Lucas	Township Butler	State Ohio	PERMIT NO.
Lease Parrott Bigg		Well No. 5		3444	
Owner Brown Energy		Charge to Brown Energy Inc			
Called Out A.M. P.M.	On Location A.M. P.M.	Mailing Address 1830 Ma... Dr.			
Job Began 3:00	Job Completed P.M. A.M. 4:00	City Paris			
Contractor Parrott		State Ohio Zip 43220			
Truck No. 7		Operator Harvey			
		Driver Harvey			
Plug Container	Yes No	Type Job 35 25			
Swage	Yes No	Measurement 3 1/2			
Measure with Line	Yes No	Measurement	T.D.	Pipe 3/16 3	

Work Order Contract
THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED
CEMENCO SERVICE SHALL NOT BE LIABLE FOR DAMAGE TO PROPERTY OF WELL OWNER AND/OR CUSTOMER UNLESS CAUSED BY ITS WILLFUL NEGLIGENCE. THIS PROVISION APPLYING BUT NOT LIMITED TO SUBSURFACE DAMAGE AND SURFACE DAMAGE ARISING FROM SUBSURFACE DAMAGE. WELL OWNER AND/OR CUSTOMER SHALL BE RESPONSIBLE FOR AND SECURE CEENCO SERVICE AGAINST ANY LIABILITY FOR RESERVOIR LOSS OR DAMAGE, OR PROPERTY DAMAGE ARISING FROM A WELL BLOWOUT, UNLESS SUCH LOSS OR DAMAGE IS CAUSED BY THE WILLFUL NEGLIGENCE OF CEENCO SERVICE. IF EQUIPMENT OR INSTRUMENTS OF CEENCO SERVICE ARE LOST OR DAMAGED AT THE WELL, WELL OWNER AND/OR CUSTOMER SHALL EITHER RECOVER THE SAME OR PAY FOR SUCH EQUIPMENT OR INSTRUMENTS UNLESS, HOWEVER, SUCH LOSS OR DAMAGE IS CAUSED BY THE NEGLIGENCE OF CEENCO SERVICE.
IT IS EXPRESSLY UNDERSTOOD AND AGREED THAT CEENCO SERVICE SHALL NOT BE BOUND BY ANY AGREEMENT NOT HEREIN CONTAINED, AND NO AGENT OR REPRESENTATIVE CONNECTED WITH OR EMPLOYED BY CEENCO SERVICE HAS AUTHORITY TO ALTER OR EXTEND THE TERMS OF THIS AGREEMENT.
I HAVE READ AND UNDERSTOOD THE TERMS OF THIS AGREEMENT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS AGENT OF CUSTOMER.
SIGNED: _____
DATE **6-23-84** WELL OWNER OR HIS AGENT
TIME **3:00 P.M.**

HOLE DATA			INVOICE SECTION		
Casing			110' Well	Pump T. ut Mileage	71.00
New				Base Charge	115.00
Used	✓		35'	Cement	110.00
Weight			50'	Acc. ...	...
Size	9"		3"	Get ...	...
Type			3-1/2"	Plumb ...	...
Thread	8		1-1/2"	Plumb Shoe	...
Bore Size	2 1/2"		1-1/2"	Plumb ...	...
Total Depth	3229	Plumb ... 3155		Plumb ...	...
Cable Tools Rotary	✓				

Late payment penalty charge of 1 1/2% per month. (18% annual) after 30 days. Total **411.00**

(To be submitted with Activity Report)

API WELL NUMBER

3 4 0 8 3 2 7444 XX 1 4
 Permit No.

RECORD OF CASING, CEMENTING AND MUDDING

Well Owner: Berquel Energy
 Lease Name: Contra Bizz Well No. 15
 County: Knox Twp. Putler
 Contractor: Chas Kidd
 Type of Tools: ROTARY CABLE
 Service Company: Cement
 Procedure: PRESSURE GRAVITY
 Plugging of: _____
 Mouse hole YES NO _____ SACKS
 Rat hole YES NO _____ SACKS

Date Issued: 12-30-83 Expiration Date: 6-27-84
 Spud Date: Month 6 Day 1 Year 84
 Type of Job: SURFACE PRODUCTION OTHER
 Type of Cement: _____ Sacks: _____
 Amount of Mud: 65-9 gal Puff
 Size of Hole: 10" DEPTH 515' FT
 Casing: SIZE 8" DEPTH 515' FT
 Float Equipment: SHOE COLLAR OTHER
 Special Equipment: _____

CASING RECORD		
SIZE	SET	REMARKS
10"	43'	

Cement/Mud Circulated to Surface: YES NO
 Notification Received: YES NO
 Job Witnessed by Inspector: YES NO
 Annular Disposal indicated on permit: YES NO
 Meets construction requirements for A.D. (Explain below if no or if remedial action is required): YES NO
 DATE JOB COMPLETED 6/15/84

Formations: (if available)	FORMATION TYPE		TOP	BOTTOM
	DL	EL		
NAME	KB	RF	GL	
<u>7W</u>			<u>200'</u>	
<u>89</u>			<u>170'</u>	<u>510'</u>

Remarks:
 (attach cement/mud tickets if available)
Recommended for A.D.

RECEIVED

JUL 10 1984

DIVISION OF OIL AND GAS

Date: 6-8-84 Signed: Colin T. B...
 OIL AND GAS WELL INSPECTOR

Cemenco - Service, Inc.

GENERAL SERVICE WORK
OIL & GAS WELL CEMENTING
P. O. Box 2006
Zanesville, Ohio 43701
453-7447

BAATER
INVOICE

NO 15721



Date 6-5-84	County Tuscarawas	Township Harmon	State OHIO	PERMIT NO.
Lease	U. B. Buggs		Well No.	3444
Owner B. well	Charge to Fairmont Energy, Inc.			
Called Out A.M. P.M.	On Location A.M. P.M. 5:30	Mailing Address 1430 Main, Wadon, O.		
Job Began	Job Completed P.M. A.M.	City Wadon, Ohio		
Contractor Cemenco Service, Inc.		State OH	Zip 43780	
Truck No. 4		Operator H. ...		
		Driver ...		
Plug Container	Yes No	Type Job 65-4		
Swage	Yes No	Measurement		
Measure	Yes No	Measurement	T.D.	
with Line	No	Wire Line	Pipe	

Work Order Contract

THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED.

CEMENCO SERVICE SHALL NOT BE LIABLE FOR DAMAGE TO PROPERTY OF WELL OWNER AND/OR CUSTOMER UNLESS CAUSED BY ITS WILLFUL NEGLIGENCE. THIS PROVISION APPLYING BUT NOT LIMITED TO SUBSURFACE DAMAGE AND SURFACE DAMAGE ARISING FROM SUBSURFACE DAMAGE. WELL OWNER AND/OR CUSTOMER SHALL BE RESPONSIBLE FOR AND SECURE CEMENCO SERVICE AGAINST ANY LIABILITY FOR RESERVOIR LOSS OR DAMAGE, OR PROPERTY DAMAGE ARISING FROM A WELL BLOWOUT, UNLESS SUCH LOSS OR DAMAGE IS CAUSED BY THE WILLFUL NEGLIGENCE OF CEMENCO SERVICE. IF EQUIPMENT OR INSTRUMENTS OF CEMENCO SERVICE ARE LOST OR DAMAGED AT THE WELL, WELL OWNER AND/OR CUSTOMER SHALL EITHER RECOVER THE SAME OR PAY FOR SUCH EQUIPMENT OR INSTRUMENTS UNLESS HOWEVER, SUCH LOSS OR DAMAGE IS CAUSED BY THE NEGLIGENCE OF CEMENCO SERVICE.

IT IS EXPRESSLY UNDERSTOOD AND AGREED THAT CEMENCO SERVICE SHALL NOT BE BOUND BY ANY AGREEMENT NOT HEREIN CONTAINED, AND NO AGENT OR REPRESENTATIVE CONNECTED WITH OR EMPLOYED BY CEMENCO SERVICE HAS AUTHORITY TO ALTER OR EXTEND THE TERMS OF THIS AGREEMENT.

I HAVE READ AND UNDERSTOOD THE TERMS OF THIS AGREEMENT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS AGENT OF CUSTOMER.

SIGNED: _____
DATE 6-5-84
TIME 5:30 P.M.

WELL OWNER OR HIS AGENT

HOLE DATA

INVOICE SECTION

Casing		10 in	Long Trail Mfg Co	71.00
New			Bore the	...
Used	✓	6 in	...	100.50
Weight			...	...
Size	8 5/8		...	...
Type			...	...
Thread	7/8			
Bore Size	10			
Total Depth	571			
Cable Tools Rotary	✓			

Late payment penalty charge of 1 1/2% per month. (18% annual) after 30 days.

Total // 27.50

WMP

WELL COMPLETION RECORD
OHIO DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL AND GAS, FOUNTAIN SQ. BLDG. A, COLUMBUS, OH 43224

1. Owner #: 189 Copy To UIC Form B Revised 07/01/83 12/30/83

2. Owner name, address & telephone numbers:
BERWELL ENERGY INC
1880 MACKENZIE DR
COLUMBUS OH
614-451-8980 43220

This report is due in duplicate 30 days after completion of the well. If the permit has expired and the well was not drilled, check here, sign on reverse side, and return to our office within 30 days after expiration.

4. Type of permit: Oil & Gas

3. API #: 34 083 2 3444 *
5. County: KNOX
6. Civil Township: BUTLER

7. Type of well: Drill New Well

8. Footage: 155' NL & 1350' WL OF LOT 1

9. X: 2,084,850: 250,850
10. Quad: WALHONDING
11. Section: 12. Lot: 1
13. Fraction: 14. Qtr Twp:
15. Tract:
16. Allot:
17. Well #: 5
18. Lease Name: CORETTA BIGGS
19. PTD: 3400 20. Drilling Unit: 204.02

21. Date drilling commenced: 6-01-84
22. Date drilling completed: 6-26-84
23. Date put into production: 6-29-84
24. Date plugged if dry: --
25. Producing formation: Clinton
26. Deepest formation: Shale
27. Driller's total depth: 3229
28. Logger's total depth: --

29. Type of tools:
 Cable Air Rotary
 Fluid Rotary Air/Fluid Rotary
 Cable/Air Rotary
 Cable/Fluid Rotary
 Cable/Air Rotary/Fluid Rotary

30. Type of completion:
 Open Hole
 Through Casing
 Slotted Liner

31. Elevation: Ground Level 1175 Derrick Floor Kelley Bushing

32. Perforated intervals & number of shots:

33. Method of shot, acid, or fracture treatments, production tests, pressures, etc.
Gelled and Slick Water Frac By NOWSCO 1690 BBLs Fluid 50,000 LBS Sand
Break Down Formation 1100 PSI

34. Mouse hole plugged: Yes _____ Sacks No N/A
Rat hole plugged: Yes _____ Sacks No N/A

35. Amount of initial production:
Natural: Gas _____ Oil _____ Water _____
After Treatment: Gas 15 MCF/DAY Oil 6 BBL/DAY Water _____
Lost Hole at _____ feet Additional Data: _____

36. Record of disposal of water and other waste including liquids used in fracture treatment:
a. _____ Annular Disposal b. _____ Drilling Operations
c. _____ Disposal Well: County _____ Permit # _____
d. _____ Dust/Ice Control: County _____ Township or Municipality _____
e. _____ Secondary Recovery: County _____ Permit # _____
f. Salt Water Haulers: (Name and telephone number)
1. Imperial Drilling Company (614) 599-7983
2. _____

37. Casing and tubing record: Please indicate which is used (cement or mudding)

Size	Feet Used in Drilling	Amount of Cement or Mud	Feet Left in Well
10"	43'		43'
8"	515	65 Sacks Fire Clay	515
7"	1018		Pulled
4 1/2"	3155	35 Sacks Cement	3155

Comments: _____

38. Name of drilling contractor: Charlie Kidd Drilling Company

39. Type of electrical and/or radioactivity logs run: (All logs must be submitted)

40. Name of logging company:

DIVISION USE ONLY:
Log Submitted: _____ Well Class: POOL A/D: Y

REQUIRED by 1509.10, Ohio Revised Code - Failure to submit may result in a fine of up to \$2,000.00

FORMATION	TOP	BASE	Shows of oil, gas, fresh water, or Brine – indicate depth or interval and amount	REMARKS
Fresh Water Strata				
Coal Seams				
1st Cow Run	321.6			
2nd Cow Run	324.1			
Maxton Sand	328.4			
Keener Sand	337.1			
Big Injun Sand	337.2	170	510	Fresh Water 200 Feet
Berea Sand	337.6	938	946	
Ohio Shale	341.1			
Little Cinnamon	1490	1573		
Big Cinnamon	1705	1920		
Big Lime	344.4			
Oriskany	347.2			
Salina	351.2			
Newburg	351.3			
Lockport	354.1			
Little Lime	354.3	2100	3004	Salt Water 2800' (28PH)
Packer Shell	354.5	3099	3127	
Stray Clinton	357.2	3155	3178	
Red Clinton	357.3			
White Clinton	357.4	3187	3197	
			3229	T.D.
Medina	357.7			
Queenston	361.3			
Trenton Lime	364.3			
Black River	364.4			
Gull River	364.5			
Glenwood Shale	364.6			
Rose Run	367.3			
Trempealeau	371.2			
Mt. Simon	377.3			
Granite wash	400.1			
Granite	400.2			

I (We) certify that the above information is true and correct, to the best of my knowledge.

SIGNATURE *John T. Klinkufus* DATE 7-17-84
NAME (TYPED OR PRINTED) John T. Klinkufus TITLE President
REPRESENTING Berwell Energy Inc.

DIVISION OF OIL AND GAS
ATTN: FIELD ENFORCEMENT SECTION
FOUNTAIN SQUARE
COLUMBUS, OH 43224
FORM 56: REVISED 07/24/85

34 08 32 3444 #14
permit no.

SPUD/PLUGGING DATE _____

RESTORATION REPORT

Preliminary well exists

FINAL - well plugged

OWNER Berwell Energy Inc. WELL NO. 5 LEASE NAME CORETTA RIGGS
COUNTY Knox TOWNSHIP Butler SEC/LOT 1 LANDOWNER _____
(if not same as lease name)

- | | | | | | | |
|--|-----|----------|----|----------|-------------|----------|
| 1) Copy of Restoration Plan, Div. Form 4, used in inspection | YES | ___ | NO | ___ | N/A | <u>X</u> |
| 2) Pits filled as required | YES | <u>X</u> | NO | ___ | Date filled | _____ |
| 3) Location restored as required (graded or terraced) | YES | <u>X</u> | NO | ___ | | |
| 4) Drilling equipment removed | YES | <u>X</u> | NO | ___ | | |
| 5) Production equipment removed | YES | ___ | NO | <u>X</u> | | |
| 6) Debris removed | YES | <u>X</u> | NO | ___ | | |
| 7) Area seeded or sodded; vegetation established | YES | <u>X</u> | NO | ___ | | |
| 8) Roadways restored | YES | <u>X</u> | NO | ___ | | |
| 9) Landowner Waiver, Div. Form 5, filed (copy attached) | YES | ___ | NO | <u>X</u> | | |
| 10) Restoration Plan, Form 4, found accurate and correct | YES | ___ | NO | ___ | N/A | <u>X</u> |
- (see reverse side for filing guidance)

REMARKS: _____

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JUL 7 1986

DIVISION OF OIL AND GAS
REGION D

(TO BE SUBMITTED WITH INSPECTOR'S ACTIVITY REPORTS AFTER AREA IS IN COMPLIANCE WITH CHAPTER 1509)

NOTIFICATION RECEIVED: YES ___ NO X

John D. Rio Insp.
SIGNATURE AND TITLE

6-6-86
DATE SIGNED