

- 1188

Lorain

1188 -

1

1. APPLICATION NUMBER 77543  
2. OPERATOR Dome Producing Co.  
3. API 00 COUNTY Larain  
4. PERMIT # \_\_\_\_\_ REISSUE \_\_\_\_\_

- |  | INITIALS    | DATE         |
|--|-------------|--------------|
| 5. Application Entered                   | <u>PH</u>   | <u>10-6</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>nt</u>   | <u>10/1</u>  |
| 7. Fee \$95.00: Check No (s)             | <u>1340</u> | <u># 95.</u> |
| 8. Sent to Division of Mines             | <u>MIT</u>  | <u>10-14</u> |
| 9. Technical Review                      | <u>MIT</u>  | <u>10-14</u> |
| 10. Special Area/Samples Yes <u>(No)</u> | <u>MIT</u>  | <u>10-14</u> |
| _____                                    |             |              |
| _____                                    |             |              |
| 11. Returned Division of Mines           | <u>gs</u>   | <u>10/25</u> |
| 12. Geologist Approval                   | <u>gs</u>   | <u>10/27</u> |
| 13. Permit: Taken <u>(Mailed)</u>        | <u>gs</u>   | <u>10/27</u> |
| 14. Called Inspector if picked up        | <u>BF</u>   | <u>1/14</u>  |
| 15. Final Map Check                      | <u>BF</u>   | <u>1/14</u>  |

Memo

1 SURFTY# 5 APP# 77543 16 CNTY: LORA 17 TWP: COLUMBIA 10 TYPE APP: NW 12 PURP: OG 13 STORAGE:  
 20 SEC: 25 LOT: 14 FRAC: 21 WTR TAP: 28 TRACT: 29 ALLUT:  
 22 WELL: 1 23 LEASE NAME: MARTIN 31 FORM: CLINTON 30 PTD: 3500 D UNIT: 20  
 33 TOOL: CRAP 34 COAL # 35 FIRE: 216-326-8812 37 MED: 216-826-4000 38 QUAD: WEST VIEA  
 39 X COORD: 2,106,750 40 Y COORD: 610,500 41 ELEVA: 791 42 WELL CLASS: 1301

## PREVIOUSLY PERMITTED

2 API: 3 URL/0: 4 PERMIT:  
 5 TYPE APP: 7 PURP: 8 WELL: 9 LEASE NAME: 10 PTD: 11 FORM:  
 15 ST SURF: N 16 ST MIN: N 14 RE NOT: 21 REG: A 22 CALL: 27 DISP: A: AU H: SH C: 26 SW CNTY: 27 SW PER:  
 28 DI CNTY: 29 DI TWP: 30 SR CNTY: 31 SR PER: 32 IO DATE: 34 CON AMT: 0  
 33 CONTRACTORS:

## CASTING PROGRAM:

02	---	---
34	---	---
10	---	---
21	---	---
04	---	---
43	---	---
21	---	---
X1	---	---

## FOOTAGE:

795' NL + 678' W L OF  
 2019

## SPEC COND

OR CSG: (12 APB) -- FUTURE

48 TECH DATE: 10-14  
 49 GEO DATE: 10/25  
 50 GEO INT: M  
 51 ISSUE: 10-26  
 52 REISSUE:

**API WELL NUMBER**

3 4 093 2

1168  
Permit

**14**

Date Issued 10/26/82  
Permit Expires 04/24/83

DEME PRODUCTIONS

Telephone Number 216-589-0065

2005-2010 621105-11-20

CLEVELAND,

CH 44114

IS HEREBY GRANTED PERMISSION TO: Drill New Well , and abandoned new well  
if unproductive.

PURPOSE OF WELL: Oil & Gas

Substance to be stored or completion date if permit to plug:

## DESIGNATION AND LOCATION:

Well Number	Lease Name		PARTER	
County	COLUMBIA	Civil Township		COLUMBIA
Section	Lot	19	Fraction	Quarter Township
Tract or Allotment				
Footage Location				

TYPE OF TOOLS: Cable Air Rotator / Fluid Rotator

Proposed Total Depth 1500 feet in CLINTON geological formation  
Ground level elevation 791

**ULTIMATE DISPOSAL OF WATER AND OTHER WASTE SUBSTANCES:**

See Index for Annual Disposal  
Salt Water Headers

**CONDITIONALLY APPROVED CASING PROGRAM (Subject to approval of Oil and Gas Well Inspector):**

DRIVE PIPE LOCATED IN BEDROCK  
 10-500' FROM 151.50' FROM A C-2000 WATER-SEALED CLAY PRESSURE CIRCULATED TO SURFACE  
 7" ABOVE  
 4-12" PRODUCTION CASING TO T.B. CEMENTED IF PRODUCTIVE

1. LUBRICANT FOR MINIMUM FRICTION IF USED.  
 2. 100% AIRFLOW, 100% WITH CEMENT CIRCULATED TO SURFACE  
 3. 172' PRODUCTION FLOWING TO 1.0% CEMENTED IF PRODUCTIVE

THIS CONTRACT IS SUBJECT TO THE ATTACHED MEMO AND/OR STIPULATIONS \*\*

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**

MELLERT, KENNETH A.  
 6637 CENTER ROAD  
 VALLEY CITY OH  
 216-453-3223

BUFEN, JOHN E. - SUPVR.  
216-674-2717

## DEPUTY MINE INSPECTOR

(Must be notified if well in a coal-bearing township is to be plugged and abandoned)

**FIRE AND EMERGENCY NUMBERS:**

**FIRE** 216-326-6812

**MEDICAL SERVICE** 216-826-4000

**SPECIAL CONDITIONS:**

/S/ Andrew G. Skalkos  
CHIEF, DIVISION OF OIL AND GAS

White-Wellsite Copy/Blue-Inspector's Copy/Yellow-Division of Oil & Gas Copy/Green-Division of Mines Copy/Pink-Division of Mines Copy/White-Operator's File Copy

APPLICATION FOR A PERMIT  
OHIO DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL AND GAS

1. OWNER # B-0000909		Instructions on reverse side		FORM 1: Revised 06/01/81	
2. I, We (applicant) <u>Dome Producing Company</u> , (phone) <u>216-771-3250</u> (address) <u>3637 Medina Rd., State Rt. 18, Medina, OH 44256</u> hereby apply this date <u>September 28,</u> 19 <u>82</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"/> Brine <input type="checkbox"/> Artificial Brine <input type="checkbox"/> Disposal <input type="checkbox"/> Core Hole <input type="checkbox"/> Storage of <input type="checkbox"/> : <input type="checkbox"/> Injection <input type="checkbox"/> Extraction <input type="checkbox"/> Observation <input type="checkbox"/> Secondary Recovery: <input type="checkbox"/> Input <input type="checkbox"/> Production <input type="checkbox"/> Water Supply Other: Explain _____					
4. MAIL PERMIT <u>Dome Producing Company</u> TO: <u>1500 Ohio Savings Plaza</u> <u>Cleveland, OH 44114</u>			30. TYPE OF TOOLS <input 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 checked="" type="checkbox"/> Cable/Air Rotary/Fluid Rotary		
5. COUNTY: <u>Lorain</u>			31. PROPOSED CASING PROGRAM: <u>Drive pipe landed in bedrock 8-5/8" 50'</u> <u>below Berea @ 250' 7" approx. 2000' in</u> <u>Big Lime 4-1/2" production casing to T.D.</u> <u>cemented if productive</u>		
6. CIVIL TOWNSHIP: <u>Columbia</u>			32. IF SURFACE RIGHTS ARE OWNED BY THE STATE OF OHIO: Department _____ Telephone _____		
7. SECTION: _____ 8. LOT: <u>19</u>			33. FIRE AND MEDICAL DEPT. TELEPHONE NUMBERS Closest to Well Site: Fire <u>216-326-8812</u> Medical <u>216-826-4000</u>		
9. FRACTION: _____ 10. QTR TWP: _____			34. MEANS OF INGRESS CO Rd _____ TWP Rd <u>Redfern Rd.</u> Municipal Rd _____ State Hwy _____		
11. TRACT/ALLOT: _____			35. MEANS OF EGRESS CO Rd _____ TWP Rd <u>Redfern Rd.</u> Municipal Rd _____ State Hwy _____		
12. WELL #: <u>1</u>					
13. LEASE NAME: <u>Bartter</u> List all permit numbers that have the same volume and page number for this lease on back					
14. RECORDED VOLUME: _____ 15. PAGE #: _____					
16. MICROFICHE # (if applicable): _____					
17. PROPOSED TOTAL DEPTH: <u>3500</u>					
18. GEOLOGICAL FORMATION: <u>Clinton</u>					
19. DRILLING UNIT IN ACRES (must be same as acres indicated on plat): <u>20</u>					
IF PERMITTED PREVIOUSLY: 20. API #: <u>34</u> _____ * * <u>14</u> _____					
21. OWNER: _____					
22. WELL #: _____					
23. LEASE NAME: _____					
24. VOLUME#: _____ 25. PAGE# _____					
26. MICROFICHE # (if applicable): _____					
27. PREVIOUS TOTAL DEPTH: _____					
28. PREVIOUS FORMATION: _____					
29. ROYALTY INTEREST Name <u>Estate of Carroll H. Bartter</u> Address <u>11391 E. River Rd., 44028</u> Name <u>Clarice Bartter</u> Address <u>11391 E. River Rd., 44028</u> Name _____ Address _____					
36. 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: a. <input checked="" type="checkbox"/> Annular Disposal b. _____ Drilling Operations c. _____ Salt Water Disposal Well: County _____ Permit # _____ d. _____ Dust/Ice Control: County _____ Township or Municipality _____ e. _____ Secondary Recovery: County _____ Permit # _____ f. <input checked="" type="checkbox"/> Salt Water Haulers' names and telephone numbers: 1. <u>Jack Fishburn 419/253-6031</u> 2. _____					

I the undersigned, being first duly sworn, depose and state under penalty 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 data 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 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 drainageways pursuant to Section 1577.12 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 4533.16 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 1509.11, 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

Name (Type or Print) James A. Carney

If signed by Authorized Agent, a certified copy of appointment of agent must be on file.

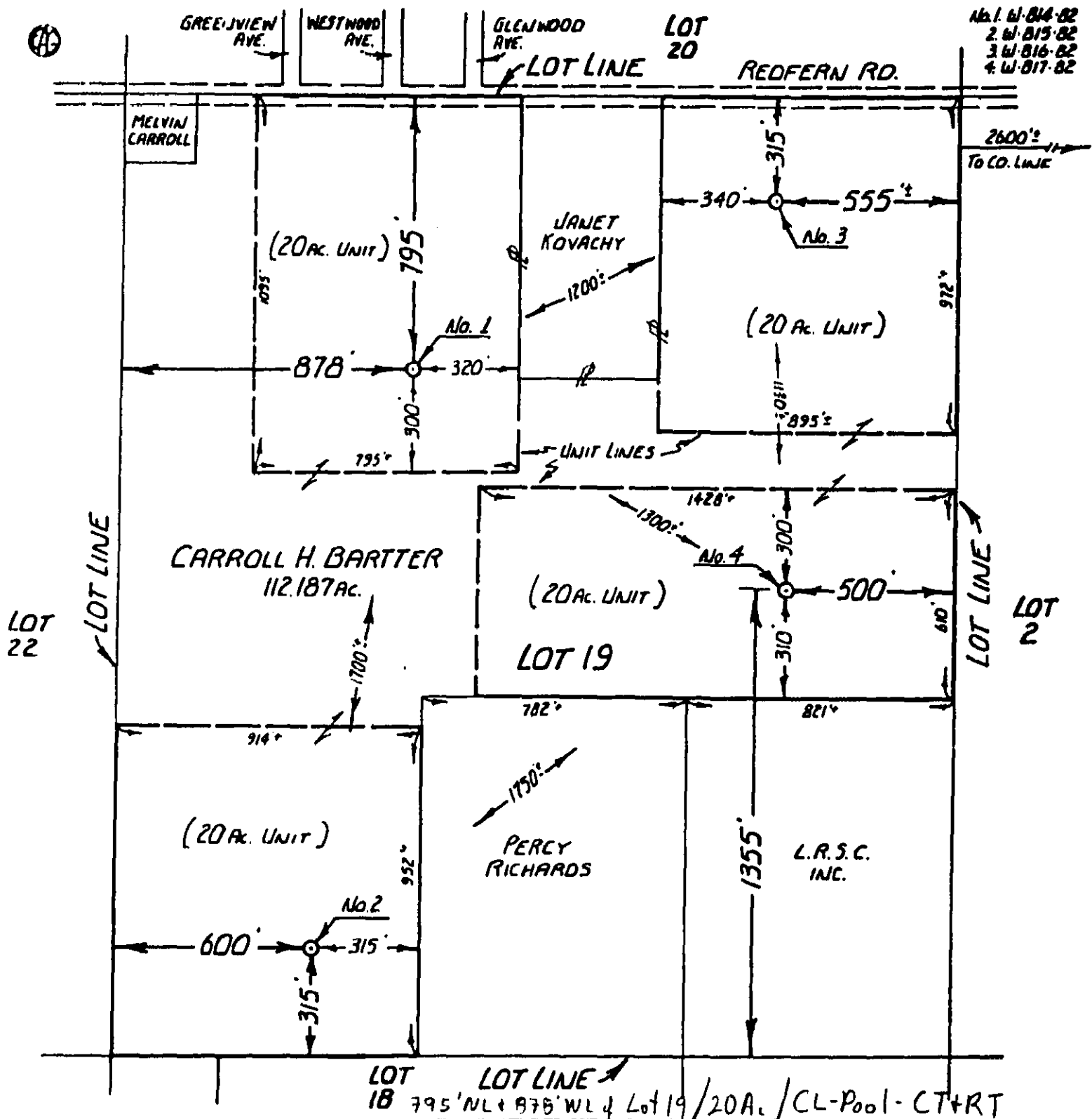
SWORN to and subscribed before me this 28th day of September 19 82

(SEAL)

BEVERLY WEAVER

Notary Public, State of Ohio  
My Comm. Expires 04-30-87

BEVERLY WEAVER  
Notary Public, State of Ohio  
My Comm. Expires 04-30-87



### BARTTER WELLS 1, 2, 3 & 4

No.	NORTH	EAST	Top Elev.
1.	610.500	2.166.750	791
2.	608.900	2.166.450	792
3.	611.000	2.167.850	791
4.	609.950	2.167.900	789

SCALE 1" = 400'

WEST VIEW QUAD

REVISIONS & REMARKS:

Company DOME DRILLING COMPANY  
 Address 1505 OHIO SAVINGS PLAZA - CLEVELAND - OHIO 44114  
 Name CARROLL H. BARTTER Acres 20 PER UNIT  
 Town COLUMBIANA County LORAIN  
 Section NE QTR. TWP. Lot 19 T-5N R-15W  
 Well No. "SEE ABOVE" Date Mapped 8-23-82

MAP  
 Showing Proposed New  
 Location or Abandoned  
 Well  
 State of Ohio  
 Dept. of Natural Resources  
 Division of Oil & Gas  
 Fountain Square  
 Columbus, Ohio 43224

#### CERTIFICATE OF CORRECTNESS

I, the undersigned, hereby certify that the measurements and information contained herein are true and correct, as required by the General Code of Ohio, and that there are no production wells within 600 feet and non-producing wells or dwellings within 150 feet of this LOCATION.

William R. Gaston  
 REGISTERED SURVEYOR

William R. Gaston

Ray W. Gaston, Reg. Surveyor No. 4153, State of Ohio  
 James A. Bury, Reg. Surveyor No. 4995, State of Ohio  
 Will H. Gaston, Reg. Surveyor No. 8529, State of Ohio  
 H. W. Gaston & Assoc., Inc.  
 P. O. Box 44 Westley, Ohio 44151

#### ACKNOWLEDGED

Before me this 23rd day of AUGUST 1982

Freda M. Schneider  
 TITLE OF POSITION OR COMMISSION

FREDA M. SCHNEIDER  
 NOTARY PUBLIC, STATE OF OHIO  
 MY COMMISSION EXPIRES MAY 15, 1984

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

1. DATE OF APPLICATION: 9/28/82		FORM 4: Revised 06/01/81	
2. OWNER NAME, ADDRESS, & TELEPHONE #'s: Dome Producing Company 3637 Medina Rd., State Rt. 18 Medina, OH 44256  216/771-3250      216/589-0065		3. API #: 3 4 _ _ _ _ * * 1 4 _ 4. WELL #: _ _ _ _ 5. LEASE NAME: C. Bartter 6. PROPERTY OWNER: C. Bartter 7. COUNTY: Lorain 8. CIVIL TOWNSHIP: Columbia 9. SECTION: N.E. 1/4 TWP      10. LOT: 19	
11. CURRENT LAND USE: <input checked="" type="checkbox"/> Cropland <input type="checkbox"/> Commercial <input type="checkbox"/> Pasture <input type="checkbox"/> Idle Land <input type="checkbox"/> Wetlands <input type="checkbox"/> Recreational <input type="checkbox"/> Residential <input type="checkbox"/> Industrial <input type="checkbox"/> Unreclaimed strip mine <input type="checkbox"/> Woodland: Circle <u>Broad-leaved</u> or <u>Needlelike</u>		17. TYPE OF WELL: <input checked="" type="checkbox"/> Oil <input checked="" type="checkbox"/> Gas <input type="checkbox"/> Other  18. STEEPEST SLOPE GRADIENT CROSSING SITE: <input checked="" type="checkbox"/> 0 to 2% <input type="checkbox"/> 2.1 to 8% <input type="checkbox"/> 8.1 to 10% <input type="checkbox"/> 10.1 to 24% <input type="checkbox"/> greater than 24%	
12. SLOPE GRADIENT & LENGTH DETERMINED FROM: <input checked="" type="checkbox"/> Ground measurement <input type="checkbox"/> U.S. Geological Survey Topographical Maps <input type="checkbox"/> Other, explain _____		19. LENGTH OF STEEPEST SLOPE CROSSING SITE: <input type="checkbox"/> 1 to 100 ft. <input type="checkbox"/> 101 to 200 ft. <input type="checkbox"/> 201 to 400 ft. <input checked="" type="checkbox"/> greater than 400 ft.	
13. TYPE OF FALL VEGETAL COVER: <input type="checkbox"/> Little or no vegetal cover <input type="checkbox"/> Short grasses <input type="checkbox"/> Tall weeds or short brush (1 to 2 ft.) <input type="checkbox"/> Brush or bushes (2 to 6 ft.) <input checked="" type="checkbox"/> Agricultural crops <input type="checkbox"/> Trees with sparse low brush <input type="checkbox"/> Trees with dense low brush		20. RESTORATION OF DRILLING PITS: <input checked="" type="checkbox"/> Haul drilling fluids and fill pits <input type="checkbox"/> Use steel circulating tanks <input type="checkbox"/> Proposed alternative _____	
14. SOIL & RESOILING MATERIAL AT WELLSITE: <input type="checkbox"/> Stockpile & protect topsoil to be used when preparing seedbed <input type="checkbox"/> Use of soil additives (e.g. lime, fertilizer) <input checked="" type="checkbox"/> No resoiling planned <input type="checkbox"/> Proposed alternative _____		21. BACKFILLING AND GRADING AT SITE: <input checked="" type="checkbox"/> Construct diversions channelled to naturally established drainage systems <input type="checkbox"/> Construct terraces across slopes <input type="checkbox"/> Grade to approximate original contour <input type="checkbox"/> Grade to minimize erosion & control offsite runoff <input type="checkbox"/> Proposed alternative _____	
15. DISPOSAL PLAN FOR TREES AND TREE STUMPS: <input checked="" type="checkbox"/> No trees disturbed <input type="checkbox"/> Haul to landfill <input type="checkbox"/> Cut into firewood <input type="checkbox"/> Sell to lumber co. <input type="checkbox"/> Bury with landowners approval <input type="checkbox"/> Mulch sm. trees & branches, erosion control <input type="checkbox"/> Use for wildlife habitat <input type="checkbox"/> Proposed alternative _____		22. VEGETATIVE COVER TO BE ESTABLISHED AT SITE: <input type="checkbox"/> No seeding plan proposed <input type="checkbox"/> Sod <input checked="" type="checkbox"/> Agricultural crops <input type="checkbox"/> Trees &/or Bushes <input type="checkbox"/> Proposed alternative _____	
16. SURFACE AND SUBSURFACE DRAINAGE FACILITIES: <input checked="" type="checkbox"/> No existing drainage facilities for removal of surface and/or subsurface water <input type="checkbox"/> Tile drainage system underlying land to be disturbed <input type="checkbox"/> Drain pipe(s) underlying land to be disturbed <input type="checkbox"/> Surface drainage facilities on land to be disturbed		23. TEMPORARY SALTWATER STORAGE FACILITY: <input type="checkbox"/> Properly constructed & maintained liquid tight pits surrounded by an embankment to prevent surface water from entering <input type="checkbox"/> Steel tanks with approved internal lining or coating <input checked="" type="checkbox"/> Install liquid tight <u>concrete</u> storage vaults* <input type="checkbox"/> Install liquid tight <u>fiberglass</u> tanks <input type="checkbox"/> Proposed alternative _____ *Permission required for burial	
24. ADDITIONAL HOLES: <input checked="" type="checkbox"/> Rat/Mouse, if used, <u>will be plugged</u> .			

<b>21. PROPOSED OR CURRENT LENGTH OF ACCESS ROAD:</b> 100 ft. or less      101 to 500 ft. <input checked="" type="checkbox"/> 501 to 1500 ft. <input type="checkbox"/> greater than 1500 ft.	<b>28. PATH OF ACCESS ROAD TO BE DETERMINED BY:</b> <input checked="" type="checkbox"/> Landowner <input type="checkbox"/> Contractor <input type="checkbox"/> Existing access road <input type="checkbox"/> Operator
<b>22. CURRENT LAND USE OF PATH OF ACCESS ROAD:</b> <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 Broad-Leaved or Needlelike)	<b>29. GRADING &amp; EROSION CONTROL PRACTICE ON ROAD:</b> <input checked="" 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 _____
<b>27. SURFACING MATERIAL FOR ACCESS ROAD:</b> <input checked="" type="checkbox"/> Gravel <input type="checkbox"/> Brick and/or tile waste <input checked="" type="checkbox"/> Slag <input type="checkbox"/> Crushed stone <input checked="" type="checkbox"/> No surfacing material to be used <input type="checkbox"/> Proposed alternative _____	<b>30. STEEPEST SLOPE GRADIENT ON ACCESS ROAD:</b> <input checked="" type="checkbox"/> 0 to 5% <input type="checkbox"/> 6 to 10% <input type="checkbox"/> greater than 10%
	<b>31. APPROX. LENGTH OF STEEPEST SLOPE ON ROAD:</b> <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.
<b>32. HAS LANDOWNER RECEIVED A COPY OF THIS RESTORATION PLAN?</b> <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 James A. Carney

Name (Typed or Printed) James A. Carney Date September 28, 1982

Restoration Plan must be submitted to the Division in duplicate.



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

RECORD OF CASING, CEMENTING AND MUDDING

Well Owner: DOME PRODUCING  
Lease Name: BARTER Well No. 1  
County: LOKAIN Twp. COLUMBIN  
Contractor: FITZGERALD BROS  
Type of Tools: ☒ ROTARY ☐ CABLE  
Service Company: HALLIBURTON  
Procedure: ☒ PRESSURE ☐ GRAVITY  
Plugging of: \_\_\_\_\_  
Mouse hole ☐ YES ☐ NO \_\_\_\_\_ SACKS  
Rat hole ☐ YES ☐ NO \_\_\_\_\_ SACKS

Date Issued: 10/26/82 Expiration Date: 4/24/83  
Spud Date: Month 12 Day 3 Year 82  
Type of Job: ☐ SURFACE ☐ PRODUCTION ☐ OTHER  
Type of Cement: LIGHT REG Sacks: \_\_\_\_\_  
Amount of Mud: \_\_\_\_\_  
Size of Hole: 10 DEPTH 235 FT  
Casing: SIZE 8 5/8" DEPTH 233 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  
UIC: ☒ YES ☐ NO  
DATE JOB COMPLETED 12/14/82

CASING RECORD		
SIZE	SET	REMARKS

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

RECEIVED  
JAN 12 1983  
Remarks:  
(attach cement/mud tickets if available)  
DIVISION OF OIL AND GAS  
CR1 10 SKS 4 SWS RICE MULLS  
LIGHT 50 SWS 32 CC 12" FLOCE PERSK  
REG 75 SWS 32 CC  
DR. 118R  
JR. E. C. F. R. GARY FITZGERALD

Date: 12-15-82

Signed:

Kenneth A. Mellett

OIL AND GAS WELL INSPECTOR

# HALLIBURTON SERVICES JOB SUMMARY

FORM 5012 R-2

HALLIBURTON  
DIVISION

HALLIBURTON  
LOCATION

PITTSBURGH, PA

WELLSBORO, OH

BILLED ON  
TICKET NO. 508935

## WELL DATA

FIELD	WELL NO.	TWP.	RNG.	COUNTY	STATE
FORMATION NAME	TYPE	FROM	TO	MAXIMUM PSI ALLOWABLE	
FORMATION THICKNESS	FROM	TO			
INITIAL PROD. OIL	SPD. WATER	SPD. GAS	MCPD		
PRESENT PROD. OIL	SPD. WATER	SPD. GAS	MCPD		
COMPLETION DATE	MUD TYPE	MUD WT.			
PACKER TYPE	SET AT				
BOTTOM HOLE TEMP.	PRESSURE				
MISC. DATA	TOTAL DEPTH				

## JOB DATA

CALLER OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE 4-1-83	DATE 4-1-83	DATE 4-1-83	DATE 4-1-83
TIME 1:15	TIME 1:40	TIME 1:43	TIME 1:48

## PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION

RECEIVED

JAN 12 1983

DIVISION OF OIL AND GAS

DEPARTMENT	
DESCRIPTION OF JOB	

JOB DONE THRU TUBING	CASING	ANNULUS	TDS./ANN.
----------------------	--------	---------	-----------

CUSTOMER REPRESENTATIVE	X Larry J. J. J.
-------------------------	------------------

HALLIBURTON OPERATOR	COPIES REQUESTED
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## CEMENT DATA

STAGE	NUMBER OF SACKS	TYPE	API CLASS	BRAND	BULK SACKED	ADDITIVES	YIELD CU. FT./SACK	MIXED LBS./GAL.
1	1						1.54	13.6
							1.18	15.6

## PRESSURES IN PSI

## SUMMARY

## VOLUMES

CIRCULATING	DISPLACEMENT	PRESLUSH: BBL-GAL.	TYPE
BREAKDOWN	MAXIMUM	100% & SHUN BBL-GAL. 30	PAD: BBL-GAL.
AVERAGE	FRACURE GRADIENT	TREATMENT: BBL-GAL.	DISPL: BBL-GAL. 13
SHUT-IN INSTANT	5-MIN.	CEMENT SLURRY: BBL-GAL.	
	15-MIN.	TOTAL VOLUME: BBL-GAL.	

## HYDRAULIC HORSEPOWER

ORDERED	AVAILABLE	USED
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## AVERAGE RATES IN BPM

TREATING	DISPL.	CEMENT LEFT IN PIPE	OVERALL
FEET 30	REASON		

## REMARKS

WAS 2 SACKS RICE IN TUBING  
DUE TO LOW PRESSURE  
DUE TO LOW PRESSURE  
DUE TO LOW PRESSURE

CUSTOMER

$$\begin{array}{r}
 15 \\
 13 \\
 \hline
 34 \\
 15 \\
 \hline
 258
 \end{array}$$

REQUEST FOR CHANGE OF OWNER  
OHIO DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL & GAS, FOUNTAIN SQ., BLDG. A, COLUMBUS OH 43224

1. Date of Application: <u>4/15/93</u>		FORM 7: Revised 06/01/81	
2. Check Type of Request <input type="checkbox"/> If Individual Transfer indicate API number: <u>34</u> <input checked="" type="checkbox"/> If Multiple Transfer list all API numbers and complete data on back of form.			
3. I, We (Assignor/Transferor) Green Gas Company Owner# <u>34-0979751</u> , hereby request that records on file with the Division of Oil and Gas, Department of Natural Resources, State of Ohio, be amended to reflect the Change of Owner of the oil and/or gas well described in <u>XXXXXX</u> Listed on Back		7. COUNTY: <u>Lorain</u>	
4. Assignor Address & Telephone Number: 345 North Market Street Wooster, Ohio 44691 (216) 262-0826		8. CIVIL TOWNSHIP:	
5. Assignee/Transferee: Carl R. Gessel dba Green Energy Owner# <u>34-0979751</u> <u>E-6001453</u>		9. WELL #:	
6. Assignee Address & Telephone Number: 4489 Lincoln Way East Wooster, Ohio 44691 (216) 262-5112		10. LEASE NAME:	
		11. SECTION:	
		12. LOT:	
		13. FRACTION:	
		14. QTR TWP:	
		15. TRACT/ALLOT:	
		16. FOOTAGE:	
		17. STATUS: <input type="checkbox"/> Producing <input type="checkbox"/> Non-Producing	
		IF WELL HAS NOT BEEN SPUDDED, IT CANNOT BE TRANSFERRED	
		18. DATE OF ASSIGNMENT TO ASSIGNEE/TRANSFEREE _____ 19 ____.	

THIS REQUEST MUST BE ACCOMPANIED BY A TRUE  
COPY OF THE ASSIGNMENT OF LEASE OR THE  
BILL OF SALE

ASSIGNOR/TRANSFEROR:

I, the undersigned, hereby agree to furnish any and all records and reports required by the Division of Oil and Gas for compliance with Chapter 1509, Ohio Revised Code, and all rules of that Division for the period ending on the date of assignment. Furthermore, I hereby agree and state that all holders of royalty interests that are affected by this assignment or transfer, will be properly notified in accordance with Section 1509.31 O. R. C. It is understood that my obligation for this well will not be terminated until I comply with the above.

Lloyd Dalton Dean Davis Carl R. Gessel  
(Signature of Assignor/Transferor)

ASSIGNOR/TRANSFEROR: Lloyd Dalton, Dean Davis and Carl R. Gessel (Green Gas Company)

STATE OF Ohio COUNTY OF Wayne being first duly sworn to, says that the information set forth herein is true and accurate.

SWORN TO AND SUBSCRIBED BEFORE ME THIS 21st DAY OF April 19 93.

(SEAL)

Anna Marie Lehman  
(Notary Public)

My Commission Expires July 27, 1997

ASSIGNEE/TRANSFEREE:

I, the undersigned, agree and state that I am the owner of aforementioned oil and/or gas well and that I have the right to appropriate the oil or gas that I produce therefrom either for myself or for others. I further agree and state that I shall comply with the assignor/transferor's Restoration Plan and Abandonment Disposal Plan or that I shall submit a new Restoration Plan and Abandonment Disposal Plan to be approved by the Division. Further it is understood that upon proper completion of this form, I will become the "owner" as defined under Chapter 1509, O. R. C. and must comply with all laws, rules and orders by the Chief.

Carl R. Gessel dba Green Energy Company  
(Signature of Assignee/Transferee)

ASSIGNEE/TRANSFEREE: Carl R. Gessel dba Green Energy Company

STATE OF Ohio COUNTY OF Wayne being first duly sworn to, says that the information set forth herein is true and accurate.

SWORN TO AND SUBSCRIBED BEFORE ME THIS 21st DAY OF April 19 93.

(SEAL)

Anna Marie Lehman  
(Notary Public)

ANNA MARIE LEHMAN  
Notary Public, State of Ohio  
My Commission Expires July 27, 1997

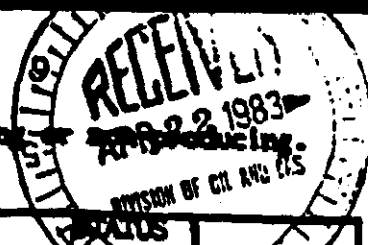
DIVISION USE ONLY

Assignee/Transferee is in compliance with:

- See Bond Payal. \_\_\_\_\_
- \_\_\_\_\_ Geophysical Log
- \_\_\_\_\_ Organisation & Authorization Form
- \_\_\_\_\_ Well Completion Record
- \_\_\_\_\_ Statement of Production

See Bond file  
for copies of  
leases.  
Date 5/11/93

Indicate under the status column whether the wells listed are producing



API #	COUNTY	TOWNSHIP	WELL #/ LEASE NAME	STATUS			ASSIGNMENT DATE
				PROD	NON-PROD	PROD	
✓031-2-4759	Coshocton	Keene	Adams No. 1 WCR 3/1/83	X			3/29/83
✓093-2-1188	Lorain	Columbia	Bartter No. 1 ✓	X			"
✓093-2-1187	"	"	" No. 2 ✓	X			"
✓093-2-1186	"	"	" No. 3 ✓	X			"
✓093-2-1176	"	"	Sims-Bartter No. 1 ✓	X			"
✓035-2-0910✓	Cuyahoga Olmsted	Cuyahoga	Brookins No. 1	X			"
✓035-2-0933	"	"	" No. 2	X			"
✓035-2-0962	"	"	" No. 3	X			"
✓035-2-0963	"	"	" No. 4	X			"
✓035-2-1110	"	"	" No. 5	X			"
✓035-2-1149	"	"	" No. 6	X			"
✓093-2-1165✓	Lorain	Columbia	Dodge No. 1 ✓	X			WCR 9/27/82
✓035-2-0970	Cuyahoga	"	Englebrook Park No.1	X			"
✓093-2-1169✓	Lorain	"	" " No.2 ✓	X			WCR 9/20/82
✓035-2-0971	Cuyahoga	Olmsted	Goldsword No. 1	X			"
✓035-2-0972	"	"	" No. 2	X			"
✓035-2-0973	"	"	" No. 3	X			"
✓093-2-1154	Lorain	Columbia	Cross No. 1 ✓	X			"
✓075-2-2603	Holmes	Killbuck	Meister No. 1	X			4/18/83
✓075-2-2604	"	"	Meister No. 2	X			"
✓075-2-2605	Holmes	Killbuck	Meister No. 3	X			"
✓075-2-3449	"	"	Meister No. 4	X			"
✓075-2-3450	"	"	Meister No. 5	X			"
✓075-2-3850	"	"	Meister No. 9 WCR 11/1/82	X			"
✓035-2-0946	Cuyahoga	Olmsted	Meister	X			3/29/83
✓035-2-1004✓	Cuyahoga	Olmsted	Moore Road No. 1	X			3/29/83
✓035-2-1150	Cuyahoga	Olmsted	Moore Road No. 2 WCR 4/1/83	X			"
✓035-2-0918	Cuyahoga	Olmsted	Lifetime Homes	X			"
✓035-2-0989✓	"	"	PDK No. 1 ✓	X			WCR 9/3/81
✓093-2-1145	Lorain	Columbia	PDK-McBride	X			"
✓035-2-0992✓	Cuyahoga	Olmsted	PDK-CMK ✓	X			WCR 6/4/81
✓035-2-0954	"	"	PDK-Methodist Home	X			"
✓035-2-0980✓	Cuyahoga	Olmsted	PDK-Shylo ✓	X			WCR 5/11/81
✓035-2-0990✓	"	"	PDK-Zeigler ✓	X			WCR 12/6/81

continued next page

OHIO DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL AND GAS  
ATTN: SURETY SECTION  
FOUNTAIN SQUARE  
COLUMBUS, OHIO 43224  
FORM 56: REVISED 12-10-80

RECEIVED

JUL 27 1984

DIVISION OF OIL AND GAS  
RESTORATION REPORT

API WELL NUMBER

34 0932

1188  
permit no.

SPUD/PLUGGING DATE 12-3-82

☒ Preliminary-well exists

☐ FINAL - well plugged

OWNER Dome Energy

WELL NO. 1

LEASE NAME BARTER

COUNTY Lorain

TOWNSHIP Columbiana

SEC/LOT 19

LANDOWNER

(if not same as lease name)

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

REMARKS:

BEAR'S

(TO BE SUBMITTED WITH INSPECTOR'S ACTIVITY REPORTS AFTER AREA IS IN COMPLIANCE WITH CHAPTER 1509  
NOTIFICATION RECEIVED: YES ☐ NO ☐

FOR DIVISION USE ONLY

Bond on file ☐ OTHER ☐

☐ ding Company ☐ Cancelled ☐

Bond No. ☐

LIABILITY CANCELLED ☐

date ☐

Kenneth C. Maellert Jr. JNSP  
SIGNATURE AND TITLE

7-18-84  
DATE SIGNED

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

Copy to VIC

Owner #: 909 MST		Form B: Revised 08/01/81 10/26/82	
Owner name, address & telephone numbers:  DOME PRODUCING 1505 OHIO SAVINGS PLAZA CLEVELAND OH 216-589-0065 44114		This report is due in duplicate 30 days after completion of the well. If the permit has expired and the well was not drilled, <input type="checkbox"/> check here, sign on reverse side, and return to our office within 30 days after expiration.	
Type of permit: Oil & Gas		3. API #: 34 093 2 1188 *	
Type of well: Drill New Well		5. County: LORAIN 6. Civil Township: COLUMBIA 8. Footage: 795'NL & 878'WL OF LOT 19	
X: 2,166,750: 610,500 Quad: WEST VIEW Section: 12. Lot: 19 Fraction: 14. Qtr Twp: Tract: Allot: Well #: 1 Lease Name: BARTTER PTD: 3500 20. Drilling Unit: 20		21. Date drilling commenced: 11-24-82 22. Date drilling completed: 12-27-82 23. Date put into production: 24. Date plugged if dry: 25. Producing formation: CLINTON 26. Deepest formation: CLINTON 27. Driller's total depth: 2730 2800 28. Logger's total depth: 2732 2804	
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		30. Type of completion: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Through Casing <input type="checkbox"/> Slotted Liner	
Elevation: Ground Level 791		Derrick Floor 794	
Perforated intervals & number of shots: Perforated from 2733 to 2800 with 14 perfs. 2784		Kelley Bushing	
Method of shot, acid, or fracture treatments, production tests, pressures, etc.: Frac w/ 300 gal acid, 30,000 # sand, 1450 Barrels water. Broke @ 1600 psi. Treated @ 27 BPM @ 1050 PSI - ISP = 850 PSI.			
Mouse hole plugged: <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Rat hole plugged: <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Amount of initial production: Natural: Gas _____ Oil _____ Water _____ After Treatment: Gas 150 MCF/D Oil 38000 Water _____ Lost Hole at _____ feet.		Additional Data: 1020 PSI RI	
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. <input checked="" type="checkbox"/> Salt Water Haulers: (Name and telephone number) 1. Jack Fishburn (419) 253-6031 2. _____			
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	32		32
8 5/8	270	Cemented to surface	270
4 1/2	2728-2800	65 SKD	2728-2800
Comments:			
Name of drilling contractor: FITZGERALD BROTHERS			
Type of electrical and/or radioactivity logs run: (All logs must be submitted) G/N/O			
Name of logging company: Perfection Service			
VISION USE ONLY: Log Submitted: <input checked="" type="checkbox"/> Well Class: POOL A/D: Y			

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			
Berea Sand	337-6	48	132	
Ohio Shale	341-1	132	1282	Good show of gas thru Ohio Shale section
Big Lime	344-4	1282	2622	
Oriskany	347-2			
Salina	351-2			
Newburg	351-3			
Lockport	354-1	2622	2689	water @ 2665 H.F.
Little Lime	354-3			
Packer Shell	354-5	2702	2720	
		2709	2734	
		2728		
Stray Clinton	357-2	2734	2740	show of gas
Red Clinton	357-3	2752	2760	
White Clinton	357-4	2784	2796	
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 Jon O. Newton DATE 12/27/82  
NAME (TYPED OR PRINTED) JON O. NEWTON TITLE ATTORNEY-IN-FACT  
REPRESENTING GREEN GAS COMPANY



093-1188-7(C)  
GREEN GAS

3 4 093 2 1188 \* \* 14  
API WELL NUMBER / JA# = API# & SECTION

NGPA ROUTE SLIP

APPLICANT Green Gas Co.  
WELL NAME AND NUMBER #1 Bartter  
45 DAY DATE 2-13-83 REV: \_\_\_\_\_ REV: \_\_\_\_\_

- |   |   |
|---|---|
| <input type="checkbox"/> SECTION 102 - NEW NATURAL GAS      | <input type="checkbox"/> SECTION 103 - NEW, ONSHORE WELL        |
| <input type="checkbox"/> Code 2 - 2.5 Mile Rule             |   |
| <input type="checkbox"/> Code 3 - 1000 Feet Deeper          |   |
| <input type="checkbox"/> Code 4 - New Reservoir Rule        | <input checked="" type="checkbox"/> SECTION 107 - HIGH-COST GAS |
| <input type="checkbox"/> SECTION 108 - STRIPPER GAS         | <input type="checkbox"/> 107d - Devonian Shale                  |
| <input type="checkbox"/> 108A - Production Increase         | <input checked="" type="checkbox"/> 107e - Tight Formation      |
| <input type="checkbox"/> 108B - Enhanced Recovery           | <input type="checkbox"/> Berea                                  |
| <input type="checkbox"/> 108C - Seasonally Affected         | <input checked="" type="checkbox"/> Clinton                     |
| <input type="checkbox"/> 108D - Temporary Pressure Build-Up | <input type="checkbox"/> 107f - Production Enhancement          |

REMARKS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

☒ The information submitted in the forms and accompanying documentation indicates that the well DOES meet the requirements and regulations under the NGPA and is hereby granted an AFFIRMATIVE determination by the Ohio Division of Oil and Gas for the Section(s) circled below.

102                      103                      107                      108

☐ The information submitted in the forms and accompanying documentation indicates that the well DOES NOT meet the requirements and regulations under the NGPA and is hereby granted a NEGATIVE determination by the Ohio Division of Oil and Gas for the Section(s) circled below.

102                      103                      107                      108

\*\*\*\*\*

DATE 2-3-83  
BY DON

Andrew G. Sheller  
CHIEF, DIVISION OF OIL AND GAS

**U.S. DEPARTMENT OF ENERGY**  
**Federal Energy Regulatory Commission**  
 Washington, D.C. 20426

**APPLICATION FOR DETERMINATION OF THE MAXIMUM LAWFUL  
 PRICE UNDER THE NATURAL GAS POLICY ACT (NGPA)**  
 (Sections 102, 103, 107 and 108)

**PLEASE READ BEFORE COMPLETING THIS FORM:**

**General Instructions:**

Complete this form if you are applying for price classification under sections 102, 103, 107 or 108 of the NGPA. A separate application is required for each well. If any reservoir qualifies for a category which differs from the category applicable to the producing well, separate applications must be made for the producing well and the reservoir. Complete each appropriate item on the reverse side of this page. The code numbers used in items 4.0 and 6.0 can be obtained from the Buyer/Seller Code Book. If there is more than one purchaser or contract, identify the additional information in the space below. Enter any additional remarks in the space below.

Submit the completed application to the appropriate Jurisdictional Agency as listed in title 18 of the CFR, part 274.501. If there are any questions, call (202) 275-4539.

**Specific Instructions for Item 2.0, Type of Determination:**

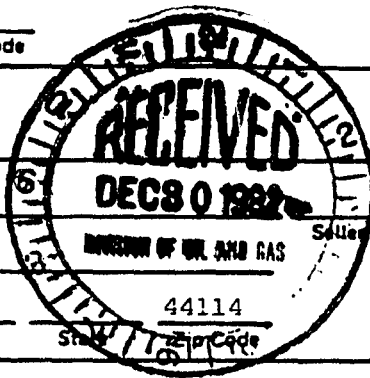
<u>Section of NGPA</u>	<u>Category Code</u>	<u>Description</u>
102	1	New OCS Lease
102	2	New onshore well (2.5 mile test)
102	3	New onshore well (1,000 feet deeper test)
102	4	New onshore reservoir
102	5	New reservoir on old OCS Lease
103	-	New onshore production well
107	-	High cost natural gas
108	-	Stripper well

**Other Purchasers/Contracts:**

<u>Contract Date</u> (Mo. Day Yr.)	<u>Purchaser</u>	<u>Buyer Code</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____

**Remarks:**

1.0 API well number: (If not assigned, leave blank. 14 digits.)	34 - 093 - <sup>2</sup> 1188 - **14				
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	107 Section of NGPA      Category Code				
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	2800 feet				
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	Green Gas Company Name 1500 Ohio Savings Plaza Street Cleveland, Ohio City      44114 State      OH      Zip Code				
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)	Field Name Lorain (Columbia) County      Ohio State				
(b) For OCS wells:	Area Name      Block Number  Date of Lease: _____ Mo.   Day   Yr.      OCS Lease Number				
(c) Name and identification number of this well: (35 letters and digits maximum.)	Bartter No. 1				
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)					
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	Columbia Gas Transmission Name      Buyer Code				
(b) Date of the contract:	_____ Mo.   Day   Yr.				
(c) Estimated total annual production from the well:	15 Million Cubic Feet				
		(a) Base Price	(b) Tax	(c) All Other Prices (Indicate (+) or (-).)	(d) Total of (a), (b) and (c)
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	\$/MMBTU	---	---	---	---
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	\$/MMBTU	5 4 2 0	---	---	---
9.0 Person responsible for this application:	Jon O. Newton      Attorney-in-Fact Name      Title Signature: <i>Jon O. Newton</i> Date Application is Completed      12/27/82      (216) 589-0065 Date Received by FERC      Phone Number				



OHIO DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL AND GAS  
ATTN: NGPA SECTION  
FOUNTAIN SQUARE, BLDG. A  
COLUMBUS, OHIO 43224  
FORM 107e REVISED: 4-1-82

34 0 9 3 2 1 1 3 8 \* \* 1 4

Bartter No. 1

NATURAL GAS PRODUCED FROM A DESIGNATED TIGHT FORMATION

1. Formation:

X Clinton

Spud Date 11-24-82

Berea

Spud Date \_\_\_\_\_

2. All applications must include the following:

- a) Three (3) copies of FERC Form 121, including question number 2.0 which should specify 107. Also specify 102 or 103 if a dual determination is desired.
- b) Original and one (1) copy of NGPA Form 107e.
- c) Two (2) copies of the "final" Well Completion Record, Form 8.  
NOTE: The perforated interval must correspond to the depth of the tight formation as shown on the Form 8 and the well log. The log of rocks penetrated on the Form 8 must be specific as to formation, top and bottom of the interval, and must correspond to the well log.
- d) Two (2) copies of a location plat which identifies the well as being within the designated tight formation and locates and identifies the well and all other wells within the same drilling unit, if any.
- e) Two (2) copies of an electric, radioactivity, or other geophysical log, or if the well was not logged, two (2) copies of the drilling report prepared by the drilling contractor.
- f) If the gas qualifies for 102 price, two (2) copies of NGPA Forms 102 and 102-A.
- g) If the spud date of the well was prior to July 16, 1979, recompletion materials must be submitted (see attachment on recompletion for qualifying criteria).

3. Oath

I hereby swear and affirm that:

- a) If the gas is produced from a well which qualifies for 102, I have made or have caused to be made, pursuant to my instructions, a diligent search of available public records including production, severance tax, royalty records and all other records reasonably available to me and which contain information relevant to the determination of eligibility; the aforementioned information is complete and accurate to the best of my information, knowledge and belief; (if completing Code 2) there is no marker well within 2.5 miles of the well for which I seek a determination; (if completing Code 3) there is no marker well within 2.5 miles of the well for which I seek a determination which has a completion location less than 1,000 feet above the completion location of the new well, and item III is true and correct; (if completing

Code 4) the natural gas to be produced and for which I seek a determination is from a new reservoir, and item IV of the Form 102 is true and correct.

- b) If the gas is produced from a well which qualifies for 103, the well satisfies state well-spacing requirements; the well is not within a proration unit: (i) which was in existence at the time the surface drilling of the well began, (ii) which was applicable to the reservoir from which such natural gas is produced, — and (iii) which applied to any other well which either produced natural gas in commercial quantities or the surface drilling of which was begun before February 19, 1977, and which was thereafter capable of producing natural gas in commercial quantities. Or if my application is seeking a determination with respect to a new well drilled into an existing proration unit, the well satisfies state well-spacing requirements; and that I have demonstrated by appropriate geological evidence that the well is necessary to effectively and efficiently drain a portion of the reservoir covered by the proration unit which cannot be effectively and efficiently drained by an existing well within the proration unit. On the basis of the documents submitted in the application, I have concluded that to the best of my information, knowledge and belief, the natural gas for which I seek a determination is produced from a new, onshore production well.
- c) If new tight formation gas, the surface drilling of the well for which a determination is sought was begun on or after July 16, 1979.
- d) If recompletion tight formation gas, the well was not completed for production in the designated tight formation prior to July 16, 1979.
- e) The gas is being produced from a designated tight formation.
- f) I have no knowledge of any other information not described in the application which is inconsistent with my conclusions.
- g) I have delivered or mailed a copy of the completed FERC Form 121 to any identified purchaser.

Jon O. Newton  
Applicant

State of Ohio

County of Cuyahoga, SS;

The foregoing instrument was acknowledged before me this 27 day of December,

19 82, by Jon O. Newton, Attorney-in-Fact on behalf of  
Name Title

Green Gas Company

Corporation or Partnership Name

Beverly Weaver  
Notary Public

BEVERLY WEAVER  
Notary Public, State of Ohio  
My Comm. Expires 04-26-87

Date Commission Expires

(SEAL)



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

1. Owner #: <u>909</u>		Form 8: Revised 06/01/81 <u>10/26/82</u>	
2. Owner name, address & telephone numbers:  DOME PRODUCING 1505 OHIO SAVINGS PLAZA CLEVELAND OH 216-589-0065 44114		This report is due in duplicate 30 days after completion of the well. If the permit has expired and the well was not drilled, <input type="checkbox"/> check here, sign on reverse side, and return to our office within 30 days after expiration. 3. API #: <u>34 093 2 1188 *</u>	
4. Type of permit:  Oil & Gas		5. County: <u>LORAIN</u> 6. Civil Township: <u>COLUMBIA</u>	
7. Type of well:  Drill New Well		8. Footage:  795'NL & 878'WL OF LOT 19	
9. X: <u>2,166,750Y: 610,500</u>		21. Date drilling commenced: <u>11-24-82</u>	
10. Quad: <u>WEST VIEW</u>		22. Date drilling completed: <u>12-27-82</u>	
11. Section: <u>12. Lot: 19</u>		23. Date put into production:	
13. Fraction:		24. Date plugged if dry:	
15. Tract:		25. Producing formation: <u>CLINTON</u>	
16. Allot:		26. Deepest formation: <u>CLINTON</u>	
17. Well #: <u>1</u>		27. Driller's total depth: <u>2730</u>	
18. Lease Name: <u>BARTTER</u>		28. Logger's total depth: <u>2732</u>	
19. PTD: <u>3500</u> 20. Drilling Unit: <u>20</u>			
29. 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		30. Type of completion: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Through Casing <input type="checkbox"/> Slotted Liner	
31. Elevation: Ground Level <u>791</u> Derrick Floor <u>794</u>		Kelley Bushing	
32. Perforated intervals & number of shots: <u>Perforated from 2733 to 2800 with 14 perfs.</u>			
33. Method of shot, acid, or fracture treatments, production tests, pressures, etc.: <u>Frac w/ 300 gal acid, 30,000 # sand, 1450 Barrels water. Broke @ 1600 p.</u> <u>Treated @ 27 BPM @ 1050 PSI - ISP = 850 PSI</u>			
34. Mouse hole plugged: <input type="checkbox"/> Yes <input type="checkbox"/> Sacks Rat hole plugged: <input type="checkbox"/> Yes <input type="checkbox"/> Sacks <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
35. Amount of initial production: Natural: Gas _____ Oil _____ Water _____ After Treatment: Gas <u>150 MCF/d</u> Oil <u>3 BOPD</u> Water _____ Lost Hole at _____ feet. Additional Data: <u>1020 PSI RI</u>			
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. <input checked="" type="checkbox"/> Salt Water Haulers: (Name and telephone number) 1. <u>Gack Fishburn (419) 253-6031</u> 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
<u>10</u>	<u>32</u>		<u>32</u>
<u>8 5/8</u>	<u>270</u>	<u>Cemented to surface</u>	<u>270</u>
<u>4 1/2</u>	<u>2728</u>	<u>65 SKD</u>	<u>2728</u>
Comments: _____			
38. Name of drilling contractor: <u>FITZGERALD BROTHERS</u>			
39. Type of electrical and/or radioactivity logs run: (All logs must be submitted) <u>G/N/O</u>			
40. Name of logging company: <u>Perfection Service</u>			
DIVISION USE ONLY:			
Log Submitted:	Well Class:	FOOL	A/D: <u>Y</u>



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				
Berea Sand	337-6	48	132		
Ohio Shale	341-1	132	1282	Good show of gas thru	
				Ohio Shale Section	
Big Lime	344-4	1282	2622		
Oriskany	347-2				
Salina	351-2				
Newburg	351-3				
Lockport	354-1	2622	2689	water @ 2665 H.F.	
Little Lime	354-3				
Packer Shell	354-5	2709	2734		
Stray Clinton	357-2	2734	2740	show of gas	
Red Clinton	357-3	2752	2760		
White Clinton	357-4	2784	2794		
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 Jon O. Newton DATE 12/27/82  
NAME (TYPED OR PRINTED) JON O. NEWTON TITLE ATTORNEY-IN-FACT  
REPRESENTING GREEN GAS COMPANY



## EQUIPMENT DATA

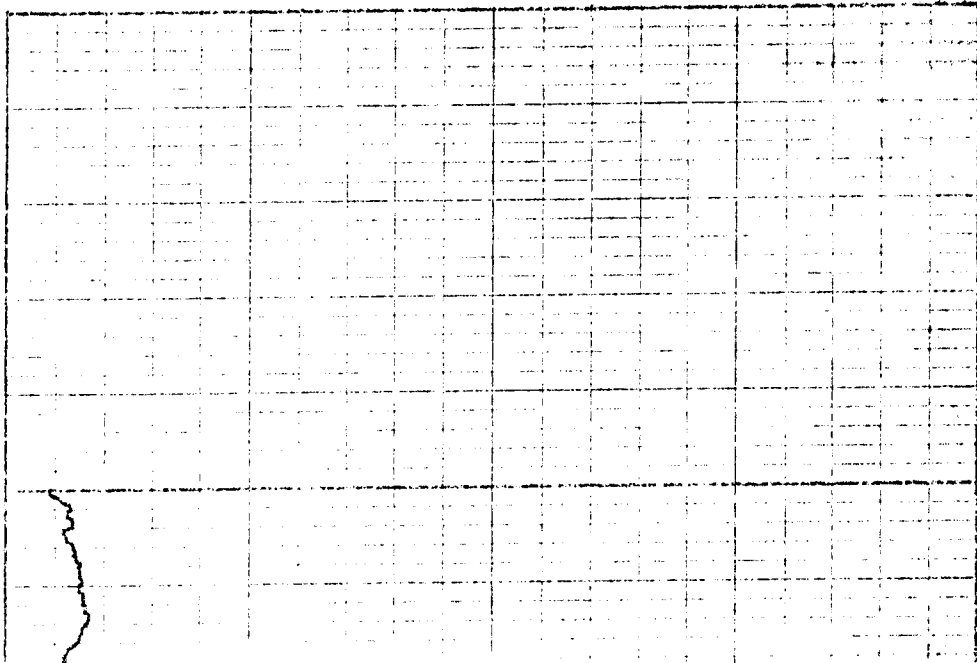
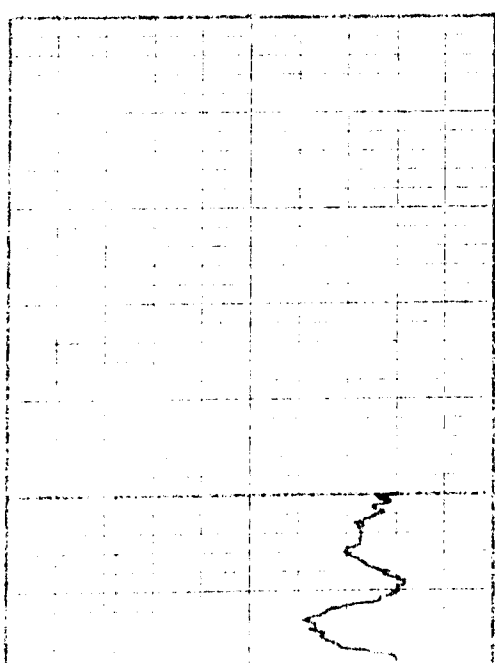
GAMMA RAY		NEUTRON	
RUN NO.	one	RUN NO.	one
TOOL MODEL NO.	02-9042-00	LOG TYPE	N-N
DIAMETER	4"	TOOL MODEL NO.	02-9043-19
DETECTOR TYPE	Scint	DIAMETER	3 1/2"
		DETECTOR TYPE	HE-3
SPACING	4"	LENGTH	6"
DISTANCE TO SOURCE	5 1/2'	SOURCE MODEL NO.	NB-HP
DISTANCE TO DETECTOR	6'	SERIAL NO	71-1-729-G
GENERAL		SPACING	17"
NO. OF DETECTOR	800-917	TYPE	AM-BE241
		STRENGTH	3 cu

DENSITY	REMARKS
one	Fluid Density 1.1
4 1/2"	
CS-137	
CSV-898	
2 cu.	

## LOGGING DATA

[illegible]

CALIPER		DEPTH	30	20	10	0	-10
HOLE DIA. IN INCHES							
					POROSITY PERCENT		
GAMMA RAY	16	0	+ .25				
APE UNITS		CORRECTION GRAMS/CC			BULK DENSITY GRAMS/CC		
		2.0			2.5		3.0
					NEUTRON API UNITS/COUNTS PER SECOND		



# LOG ANALYSIS DATA

Company	GREEN GAS Co	$\phi$ - Porosity
Well	BARTER #1	n $\phi$ - Neutron Porosity
County	LORAIN	CF - Shale Correction Factor
State	Ohio	Dg - Grain Density
Analyst	Garrett	Db - Bulk Density
		Sg - Gas Saturation %
		So - Oil Saturation %
		Sw - Water Saturation %
		NR - Neutron Response
		HI - Hydrogen Index

DEPTH	FT	SD	CF	NR	HI	D $\phi$	S $\phi$	$\phi$ FT	REMARKS
1.00	1	57	10	10	10	10	10	10	Total Net Sand
2.00	2	10	10	31	10	10	10	10	10
3.00	3	49	10	10	10	10	10	10	Total $\phi$ FT
4.00	4	10	10	10	10	10	10	10	10
5.00	5	10	10	10	10	10	10	10	AVG $\phi$ 2.4%
6.00	6	10	10	10	10	10	10	10	
7.00	7	10	10	10	10	10	10	10	AVG S.G. - 32.8%
8.00	8	10	10	10	10	10	10	10	
9.00	9	10	10	10	10	10	10	10	
10.00	10	10	10	10	10	10	10	10	
11.00	11	10	10	10	10	10	10	10	
12.00	12	10	10	10	10	10	10	10	
13.00	13	10	10	10	10	10	10	10	
14.00	14	10	10	10	10	10	10	10	
15.00	15	10	10	10	10	10	10	10	
16.00	16	10	10	10	10	10	10	10	
17.00	17	10	10	10	10	10	10	10	
18.00	18	10	10	10	10	10	10	10	
19.00	19	10	10	10	10	10	10	10	
20.00	20	10	10	10	10	10	10	10	
21.00	21	10	10	10	10	10	10	10	
22.00	22	10	10	10	10	10	10	10	
23.00	23	10	10	10	10	10	10	10	
24.00	24	10	10	10	10	10	10	10	
25.00	25	10	10	10	10	10	10	10	
26.00	26	10	10	10	10	10	10	10	
27.00	27	10	10	10	10	10	10	10	
28.00	28	10	10	10	10	10	10	10	
29.00	29	10	10	10	10	10	10	10	
30.00	30	10	10	10	10	10	10	10	



DETERMINATION ORDERS

The following Determination Orders are made and entered upon the records of the Division of Oil and Gas.

DAVID SHAFER OIL PRODUCERS, INC.

103-1929-8 #2 Horn Unit  
NEGATIVE SECTION 108

103-1934-8 #2 Dieter-Tritt  
NEGATIVE SECTION 108

DERBY OIL & GAS CORPORATION

059-2966-7(C) #1 Leland Mills  
Affirmative Section 107

127-5802-3 #2 Margaret Cannon  
Affirmative Section 103

127-5803-3 #3 Margaret Cannon  
Affirmative Section 103

127-5812-3 #1 Sproat  
Affirmative Section 103

DON MCKEE DRILLING, INC.

127-5828-3 #1 Skinner & Binckley  
Affirmative Section 103

DOVE ENERGY

093-1177-7(C) #1 Casper  
Affirmative Section 107

093-1190-7(C) #1 Hughes  
Affirmative Section 107

103-3254-7(C) #2 MTD  
Affirmative Section 107

103-3255-7(C) #1 MTD  
Affirmative Section 107

EAGLE MOUNTAIN ENERGY CORPORATION

115-3048-3,7(C) #2 Hadley Unit  
Affirmative Section 103 & 107

115-3053-3,7(C) #2 Hayward Goins Unit  
Affirmative Section 103 & 107

ENERGY DEVELOPMENT CORPORATION

055-0206-3,7(C) #15 Miller  
Affirmative Section 103 & 107

055-0210-3,7(C) #2 Hunt  
Affirmative Section 103 & 107

055-0247-3,7(C) #1 White  
Affirmative Section 103 & 107

055-0248-3,7(C) #3 Mast  
Affirmative Section 103 & 107

055-0702-3,7(C) #1 Greenwood  
Affirmative Section 103 & 107

\*\*\*\*\*  
NOTE: (B) =BEREA \* WEEKLY CIRCULAR 83-06 \*  
(C) =CLINTON \* FEBRUARY 11, 1983 \*  
(D) =DEVONIAN \* PAGE 4 \*  
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ENERGY DEVELOPMENT CORPORATION CONT'D

055-0706-3,7(C) #2 Wengerd  
Affirmative Section 103 & 107

055-0709-3,7(C) #2 Bean  
Affirmative Section 103 & 107

ENTERPRISE ENERGY CORPORATION

073-2253-3,7(C) #1 Landree  
Affirmative Section 103 & 107

163-0795-3,7(C) #2 McVey  
Affirmative Section 103 & 107

ENVIROGAS, INC.

009-2525-3,7(C) #7D Drydock Coal  
Affirmative Section 103 & 107

009-2665-3,7(C) #20 TR Drydock Coal  
Affirmative Section 103 & 107

009-2692-3,7(C) #29 TR Drydock Coal  
Affirmative Section 103 & 107

FUTURE ENERGY CORPORATION

115-3055-3,7(C) #1 Hazen  
Affirmative Section 103 & 107

GASEARCH, INC.

155-2229-3,7(C) #4 National Northern  
Affirmative Section 103 & 107 Inc.

GEO ENERGY, INC.

119-4114-7(C) #4 Pidcock  
Affirmative Section 107

GREEN GAS COMPANY

093-1188-7(C) #1 Bartter  
Affirmative Section 107

HERALD OIL & GAS COMPANY

105-1852-7(B) #1 Jay hall, Jr.  
Affirmative Section 107 Jaymar

105-2594-7(B) #3 Robert King  
Affirmative Section 107

HOPEWELL OIL & GAS DEVELOPMENT COMPANY

089-4537-3 #1 O. Victor  
Affirmative Section 103

119-6217-3,7(C) #1 Paul Horn  
Affirmative Section 103 & 107

127-5053-3,7(C) #1 Bertha & Charles  
Affirmative Section 103 & 107 Beatrice

		VOLUME 860		PAGE 002	
JD NO	JA DKT	API NO	D SEC(1) SEC(2) WELL NAME	FIELD NAME	PROD PURCHASER
-BELDEN & BLAKE & CO #1		3415123810	RECEIVED: 03/01/83 JA: OH	MARLBORO	36.5
8325463		3415123829	103 V & L SHRADER COMM #1 - 34-1281	MARLBORO	36.5
8325464		3401921611	103 V ZUMKEHR #1 - 34-1310	MARLBORO	36.5
8325462			RECEIVED: 03/01/83 JA: OH		
-BETHEL RESOURCES INC		3416922419	103 107-TF PAUL HINES #1	HOOSTER WEST	10.0 COLUMBIA GAS TRAN
8325465			RECEIVED: 03/01/83 JA: OH		
-BEVERLY L DAVID L		3411121649	108 WORKMAN #2		0.0 RIVER GAS CO
8325470		3411121650	108 WORKMAN #3		0.0 RIVER GAS CO
8325476			RECEIVED: 03/01/83 JA: OH		
-BLAUSER WELL SERVICE INC		3410522153	107-DV ARTHUR D HEINEY #1-104	OLIVE	12.8 COLUMBIA GAS TRAN
8325466		3410522251	107-DV ARTHUR D HEINEY #2-104	COOLVILLE	14.6 COLUMBIA GAS TRAN
8325467			RECEIVED: 03/01/83 JA: OH		
-CAMERON BROS		3411924735	107-TF ROBERT HICKS #1	PERRY	9.0 NATIONAL GAS & OI
8325468			RECEIVED: 03/01/83 JA: OH		
-CAVENDISH PETROLEUM OF OHIO INC		3411923827	108 OHIO POWER 14MC		17.4 EAST OHIO GAS CO
8325469			RECEIVED: 03/01/83 JA: OH		
-CLINTON OIL CO		3408924255	103 B & E HUSBAND #1-629	HOPEWELL	1.0
8325488		3411926533	103 107-TF GRACE VICKERS #1-759	HIGHLAND	10.0
8325490		3411926393	103 107-TF RITA SHINDLER #1-732	CASS	10.0
8325489			RECEIVED: 03/01/83 JA: OH		
-CONSOLIDATED RESOURCES OF AMERICA		3416320787	107-TF BOLANDER #1	BROWN'S	7.0 COLUMBIA GAS TRAN
8325472		3416320471	103 107-TF CARPENTER #2	BROWN'S	5.0 COLUMBIA GAS TRAN
8325471		3416320794	107-TF CARPENTER #3	BROWN'S	7.0 COLUMBIA GAS TRAN
8325473		3405923399	103 107-TF CHARLES J JONES #1	LIBERTY	50.0 COLUMBIA GAS TRAN
8325470			RECEIVED: 03/01/83 JA: OH		
-DAVID SHAFFER OIL PRODUCERS INC		3410321934	108 DIETER-TRITT #2		0.4 COLUMBIA GAS TRAN
8325478		3410321929	103 HOPN UNIT #2		5.4 COLUMBIA GAS TRAN
8325477			RECEIVED: 03/01/83 JA: OH		
-DEERY OIL & GAS CORP		3405922966	107-TF LELAND MILLS #1	SPENCER	12.0 COLUMBIA GAS TRAN
8325479		3412725802	103 MARGARET CANNON #2	CLAYTON	12.0 NATIONAL GAS & OI
8325480		3412725803	103 MARGARET CANNON #3	CLAYTON	12.0 NATIONAL GAS & OI
8325481		3412725812	103 SPOAT #1	JACKSON	12.0 FORAKER GAS CO IN
8325482			RECEIVED: 03/01/83 JA: OH		
-DOME ENERGY #2		3409321177	107-TF CASPER #1	COLUMBIA	6.0 COLUMBIA GAS TRAN
8325484		3409321190	107-TF HUGHES #1	COLUMBIA	8.0 COLUMBIA GAS TRAN
8325485		3410323255	107-TF MTD #1	LIVERPOOL	2.0 COLUMBIA GAS TRAN
8325487		3410323254	107-TF MTD #2	LIVERPOOL	1.0 COLUMBIA GAS TRAN
8325486			RECEIVED: 03/01/83 JA: OH		
-DON MCKEE DRILLING CO INC		3412725828	103 SKINNER & BINCKLEY #1	THORN	10.0 NATIONAL GAS & OI
8325483			RECEIVED: 03/01/83 JA: OH		
-EAGLE MOUNTAIN ENERGY CORP		3411523048	107-TF HADLEY UNIT #2	BRISTOL	20.0 COLUMBIA GAS TRAN
8325488		3411523053	103 107-TF HAYWARD GOINS UNIT #2	MALTA	20.0 COLUMBIA GAS TRAN
8325489			RECEIVED: 03/01/83 JA: OH		
-ENERGY DEVELOPMENT CORP		3405520709	103 107-RT BEAN #2	WINDSOR	18.0
8325496		3405520702	103 107-RT GREENWOOD #1	WINDSOR	20.0
8325494		3405520210	103 107-RT HUNT #2	MIDDLEFIELD	19.0
8325491		3405520248	103 107-RT MAST #3	HUNTSBURG	19.0
8325493		3405520206	103 107-RT MILLER #15	HUNTSBURG	20.0
8325490		3405520706	103 107-RT WENGERD #2	WINDSOR	20.0
8325495		3405520247	103 107-RT WHITE #1	MIDDLEFIELD	17.0
8325492			RECEIVED: 03/01/83 JA: OH		
-ENTERPRISE ENERGY CORP					

		VOLUME 860		PAGE 003	
JD NO	JA DKT	API NO	D SEC(1) SEC(2) WELL NAME	FIELD NAME	PROD PURCHASER
8325497		3407322253	103 107-TF LANDREE #1	WASHINGTON	36.5 COLUMBIA GAS TRAN
8325498		3416320795	103 107-TF MCVEY #2	SWAN	27.3 COLUMBIA GAS TRAN
-ENVIROGAS INC		3400922665	RECEIVED: 03/01/83 JA: OH		
8325500		3400922692	103 107-TF DRYDOCK COAL #20 TR	TRIMBLE	18.2 COLUMBIA GAS TRAN
8325501		3400922525	103 107-TF DRYDOCK COAL #29TR	TRIMBLE	18.2 COLUMBIA GAS TRAN
8325499			RECEIVED: 03/01/83 JA: OH		
-FUTURE ENERGY CORPORATION		3411523055	103 107-TF HAZEN #1	DOVER	18.2 COLUMBIA GAS TRAN
8325502			RECEIVED: 03/01/83 JA: OH		
-GASEARCH INC		3415522229	103 107-TF NATIONAL NORTHERN INC #4	MALTA	30.0
8325503			RECEIVED: 03/01/83 JA: OH		
-GEO ENERGY INC		3411924114	107-RT PIDCOCK #4	LIBERTY	0.0 YANKEE RESOURCES
8325504			RECEIVED: 03/01/83 JA: OH		
-GREEN GAS COMPANY		3409321188	107-TF BARTER #1	PERRY	18.2
8325505			RECEIVED: 03/01/83 JA: OH		
-HERALD OIL & GAS CO		3410521852	107-TF JAY HALL JR JAYMAR	COLUMBIA	15.0 COLUMBIA GAS TRAN
8325506		3410522594	107-TF ROBERT KING #3	RUTLAND	0.0 COLUMBIA GAS TRAN
8325507			RECEIVED: 03/01/83 JA: OH		
-HOPEWELL OIL AND GAS DEVELOPMENT CO		3412725053	103 107-TF BERTHA & CHARLES BEATRICE #1	RUTLAND	0.0 COLUMBIA GAS TRAN
8325509		3408924537	103 O VICTOR #1	PLEASANT	10.0 COLUMBIA GAS TRAN
8325503		3411926217	103 107-TF PAUL HORN #1	HANOVER	0.0 NEWZANE GAS CO
8325508			RECEIVED: 03/01/83 JA: OH	NEWTON	10.0 COLUMBIA GAS TRAN
-J D DRILLING CO		3410522342	107-TF CHARLES ESKEW #6	SALISBURY	6.0 COLUMBIA GAS TRAN
8325516		3410522482	107-DV CLYDE JOHNSON-DON JOHNSON #1	LEBANON	8.0 COLUMBIA GAS TRAN
8325518		3410522500	107-TF GUY RUSSELL #1	SALISBURY	5.0 COLUMBIA GAS TRAN
8325521		3410522617	107-TF GUY RUSSELL #2	SALISBURY	6.0 COLUMBIA GAS TRAN
8325523		3410522521	107-TF HAROLD & RUTH SELLERS #2	LEBANON	8.0 COLUMBIA GAS TRAN
8325522		3410522373	107-DV HOWARD ERVIN & NANCY ERVIN #1	SUTTON	6.0 COLUMBIA GAS TRAN
8325517		3410522488	107-TF J B & ROBERTA O'BRIEN #3	RUTLAND	7.0 COLUMBIA GAS TRAN
8325519		3410522489	107-TF J B & ROBERTA O'BRIEN #4	RUTLAND	6.0 COLUMBIA GAS TRAN
8325520		3410522212	107-DV J E & L C DIDDLE #2	RUTLAND	5.0 COLUMBIA GAS TRAN
8325515		3410521529	107-DV LAURENCE BEEGLE #1	SUTTON	5.0 COLUMBIA GAS TRAN
8325514		3405320581	107-TF MELVIN STOVER #2	CHESHIRE	5.0 COLUMBIA GAS TRAN
8325511		3410521419	107-DV PAUL ERVIN UNIT #1	SUTTON	3.0 COLUMBIA GAS TRAN
8325513		3407920133	107-DV WILLIAM MCKELL ESTATE #2	MILTON	7.0 COLUMBIA GAS TRAN
8325512			RECEIVED: 03/01/83 JA: OH		
-J P WHITE		3405520017	108 GARBER #1		0.0 COLUMBIA GAS TRAN
8325525			RECEIVED: 03/01/83 JA: OH		
-JACK MORAN		3408924329	103 ROBERT & SHIRLEY ROMINE #1	EDEN	8.0
8325510			RECEIVED: 03/01/83 JA: OH		
-JOHN C MASON		3407523948	107-TF DAN & DORA MILLER #1	BERLIN	12.0 COLUMBIA GAS TRAN
8325524			RECEIVED: 03/01/83 JA: OH		
-KEN-TRAK V		3410522364	107-TF MARK GREUSSER #1	2ND BEREAS (LOWER MISS	0.0
8325529			RECEIVED: 03/01/83 JA: OH		
-KEN-TRAK VI		3410522328	107-TF HARRY J DENISON #1 (BELOW 1487)	LOWER MISSISSIPPIAN	0.0
8325528B		3410522328	107-TF HARRY J DENISON #1 (TO 1487)	LOWER MISSISSIPPIAN	0.0
8325528A			RECEIVED: 03/01/83 JA: OH		
-KENOIL		3416923380	107-TF HOWARD GARRETT #1		3.0 COLUMBIA GAS TRAN
8325527		3416921874	108 WARD OLLER #2		3.0 COLUMBIA GAS TRAN
8325526			RECEIVED: 03/01/83 JA: OH		
-L & M OPERATING INC		3412724483	108 NEIL ADCOCK #2		10.0 COLUMBIA GAS TRAN
8325531			RECEIVED: 03/01/83 JA: OH		
-LEADER EQUITIES INC					