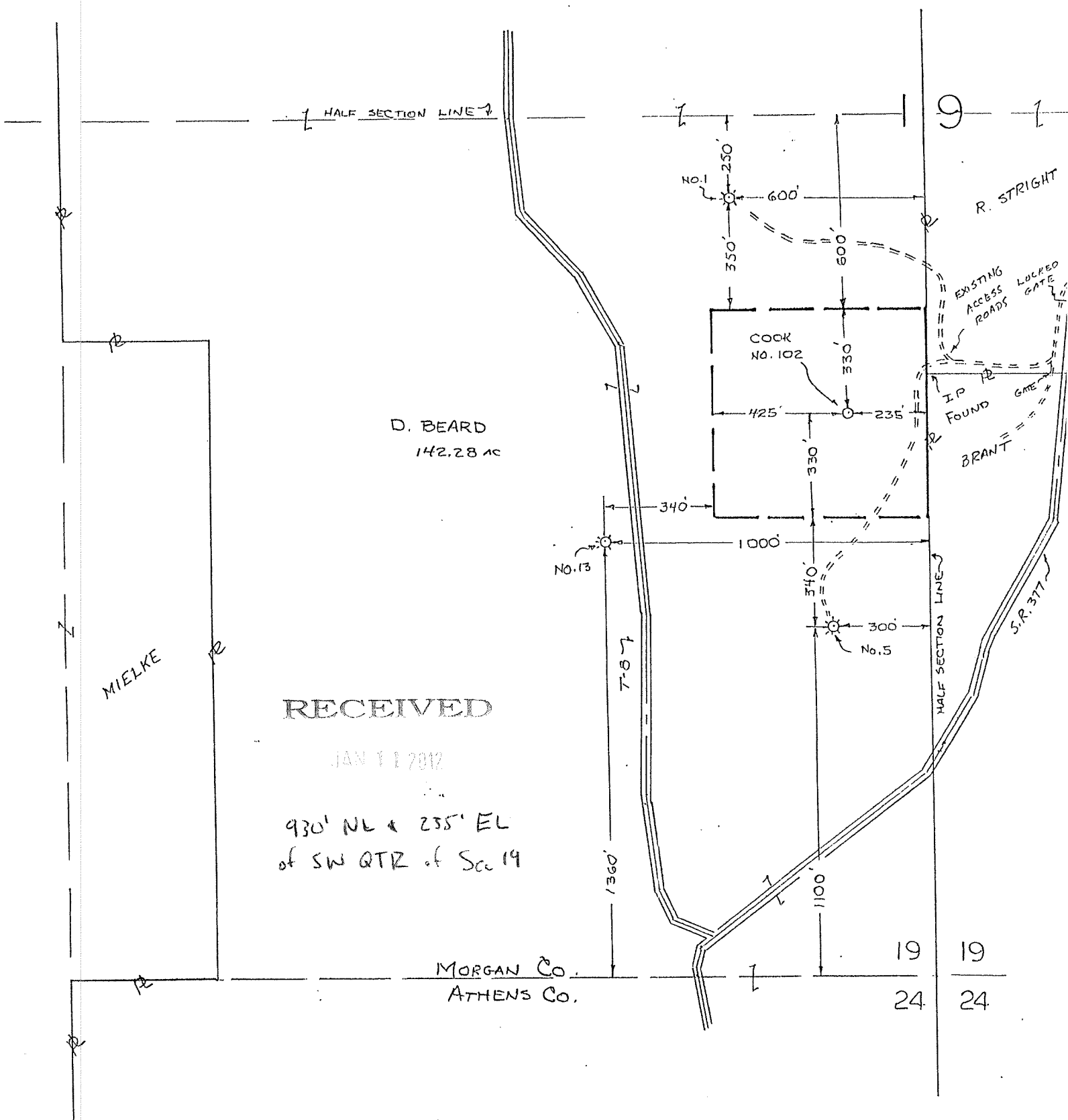


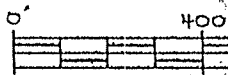
"Cook No. 102"



I hereby certify that all drilling or producing wells within 460 feet and all buildings and streams within 200 feet have been shown, there are no drilling unit lines nearer than 230 feet, that this plat is true and correct and was prepared according to the current State of Ohio, Department of Natural Resources, Division of Oil and Gas Regulations.

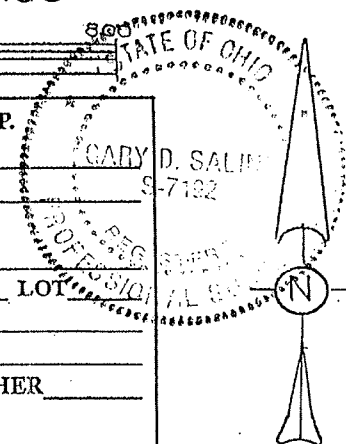
Gary D. Saline 5-7192
REG. SURVEYOR

SCALE: 1" = 400'



OPERATOR BROAD STREET ENERGY, L.L.C.
 ADDRESS P.O. BOX 150 BARTLETT, OHIO 45713
 SURFACE D. BEARD
 LANDOWNER
 MINERALS COOK
 WELL NO. 102 DRILLING UNIT AC. 10
 COUNTY MORGAN
 TWP. MARION
 QUAD. AMESVILLE
 OHIO PLANE COORDINATES
 X 2,171,070
 Y 531,165

SUBDIVISION CIVIL TWP.
 TWP. 8 N
 RANGE 12 W
 QUARTER TWP.
 SECTION 19 LOT
 TRACT
 ALLOTMENT
 FRACTION OTHER
 ELEV. 840' DATE: 7.27.10



**SUPPLEMENT TO APPLICATION
PERMIT FOR A SALTWATER INJECTION WELL (Form 210)**

Ohio Department of Natural Resources, Division of Oil and Gas Resources Management
2045 Morse Road, Bldg H3
Columbus, OH 43229-6693

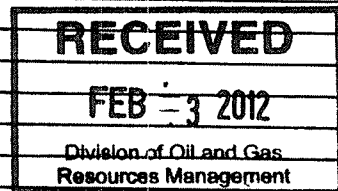
AREA OF REVIEW. An application for a saltwater injection well (SWIW) will be evaluated on the basis of an "area of review" surrounding the proposed well. The area of review for wells in which injection of greater than two hundred barrels per day is proposed shall be the area circumscribed by a circle with the center point at the location of the injection well and a radius of one-half mile. The area of review for wells in which a maximum injection of two hundred barrels per day or less is proposed shall be the area circumscribed by a circle with the center point at the location of the injection well and a radius of one-quarter mile.

31. PROPOSED INJECTION ZONE

Geological Formation: 2nd Berea
Injection Interval: From: 1588' feet to 1574'
Geologic description of injection zone: Sandstone

32. WELL CONSTRUCTION AND OPERATION

- A. Description of the proposed casing and cement program for new wells, or of the casing, cementing or sealing with prepared clay for existing wells to be converted:
7" set to 339' cemented with 90 sacks
4 1/2" set to 1735' cemented with 70 sacks
- B. Proposed method for testing the casing:
Hydraulic pressure of tubing casing annulus
- C. Description of the proposed method for completion and operation of the injection well:
Perforated in the second Berea
Acidize with 300 gal
Fracture stimulate with 200 sacks of sand
- D. Description of the proposed unloading, surface storage, and spill containment facilities:
Same as existing SWIW Cook 2A PN 34-115-2-2981



33. PROPOSED INJECTION VOLUMES

- A. Indicate the estimated amount of saltwater to be injected into the proposed injection well per day:
AVERAGE: 200 MAXIMUM: 200
- B. Indicate the method to be used to measure the actual amount of saltwater injected into the well:
Daily Water tickets and flow meter

34. PROPOSED INJECTION PRESSURES

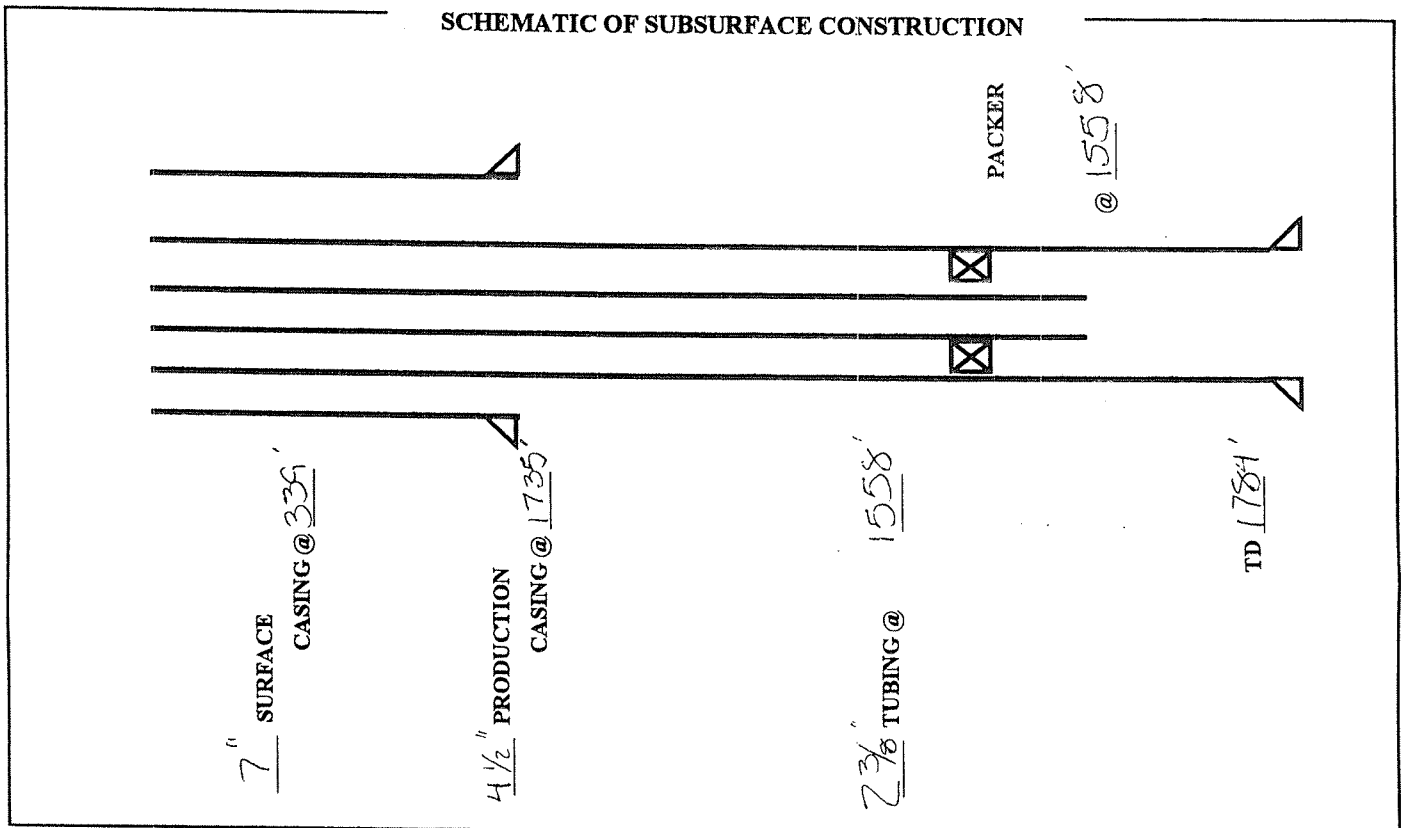
- A. Indicate the estimated pressure to be used for injection of saltwater into the proposed injection well:
AVERAGE: 400 MAXIMUM: 460 360 ps: AA
- B. Indicate the method to be used to measure the actual daily injection pressure:
Chart recorder

35. PROPOSED CORRECTIVE ACTION

Explain any corrective action proposed for wells penetrating the proposed injection formation or zone within the area of review:
Plug perforation with adequate cement for the formation.

36. **MAP.** Each application for a permit shall be accompanied by a map or maps showing and containing the following information:
- A. The subject tract of land on which the proposed injection well is to be located.
 - B. The location of the proposed injection well on the subject tract established by an Ohio registered surveyor showing the distances in feet from the proposed well site to the boundary lines on the subject tract;
 - C. The geographic location of all wells, penetrating the formation proposed for injection regardless of status, within the area of review;
 - D. All holders of the land owner's royalty interest of record, or holders of the severed oil and gas mineral estates of record in the subject tract;
 - E. All owners or operators of wells producing from or injecting into the same formation proposed as the injection formation.

37. **SCHEMATIC DRAWING OF SUBSURFACE CONSTRUCTION.** Label the schematic drawing below indicating size and setting depth of surface casing, intermediate (if any) and production casings; amount of cement used, measured or calculated tops of cement; size and setting depth of tubing; type and setting depth of packer; geologic name of injection zone showing top and bottom of injection interval. If the proposed input well design is substantially different from the schematic below, attach on a separate sheet a schematic of your proposal labeled with the above information.



38. Public notice of an application for an enhanced recovery project is required by law. In addition, the applicant must submit, on an attached sheet, a list of the names and address of those persons required to receive personal notice in accordance with Rule 1501:9-5-05(E)(1), of the Ohio Administrative Code.

After submitting the application, and after a determination by the Division that it is complete as required by the rules of the Division, a legal notice must be published by the applicant in a newspaper of general circulation in the area of review. The legal notice must contain the information described in Rule 1501:9-5-05(E)(1) of the Ohio Administrative Code. A copy of the notice must be delivered to all owners or operators of wells within the area of review producing from or injecting into the same formation proposed as the injection formation. Proof of publication, publication date, and an oath as to the delivery to those entitled to receive personal notice under this method must be filed with the Division within thirty days after the Division determines that the application is complete.

In addition, notice of all applications for enhanced recovery projects will be published in the Division's Weekly Circular.

The undersigned hereby agrees to comply with all provisions for an enhanced recovery project as required by Chapter 1501:9-5 of the Ohio Administrative Code. In addition, the undersigned deposed and says that he shall 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 Mineral Resources Management.

Owner/Authorized Agent (Type or Print): Geoffrey W. Arthur
 Signature of Owner/Authorized Agent: [Signature] Title: President
 Permanent Address of Home Office: 37. West Broad Street (suite 1100) Columbus, OH 43211

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

SWORN to and subscribed before me this 31st day of January, 2012.

(SEAL)

[Signature]
 Notary Public SHERI DEWOLF
10/29/2016
 Date Commission Expires

BROAD STREET ENERGY, LLC
Well Interest Listing

Selection Criteria: Well ID: 341150101 - 341150101 in All Groups
Sort Order: Well ID

Well ID	Well Name	Gas Interest	Oil Interest	Working Interest	Trans	Class 1	Class 2	Class 3	Class 4	Class 5	Before Casing Point	After Casing Point	Misc Rev 1	Misc Rev 2	After Payout
341150101 COOK #102															
2051	DAVID BEARD					M	R	B	N	N	A			4145 RICKENBACKER AVE	COLUMBUS, OH 43213
12.5000000	12.5000000			12.5000000		0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	12.5000000	614-231-1498
0001	BROAD STREET ENERGY, LLC					M	W	B	N	N	A			37 W BROAD STREET SUITE 1100	COLUMBUS, OH 43215
87.5000000	87.5000000	100.0000000	100.0000000	87.5000000		0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	87.5000000	0.0000000
100.0000000	100.0000000	100.0000000	100.0000000	100.0000000		0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	100.0000000	0.0000000

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JAN 11 2012

Legend: Owner Types R = Royalty Owner
O = Override Royalty
W = Working Interest
Disbursement Frequency M = Monthly Q = Quarterly S = Semi-Annually A = Annually ** = Joint Interest Bill + = Owner on Hold
Int Types O = Oil G = Gas B = Both Oil and Gas
Direct Pay O = Oil G = Gas B = Both
Flat Royalty Y = Yes N = No

APPLICATION FOR A PERMIT (Form 1)

OHIO DEPARTMENT OF NATURAL RESOURCES
 DIVISION OF OIL AND GAS RESOURCES MANAGEMENT
 2045 Morse Road, Building H-3
 COLUMBUS, OHIO 43229-6693
 (614) 265-6633

SEE INSTRUCTIONS ON PAGE 2 (BACK)

1. I, We (applicant) <u>BROAD STREET ENERGY, LLC</u> 2. Owner #: <u>8312</u>	
(address) <u>37 WEST BROAD STREET, SUITE 1100 COLUMBUS, OH 43215</u> Phone #: <u>614-228-0326</u>	
hereby apply this date _____, 20____ for a permit to:	
<input checked="" type="checkbox"/> Reissue (check appropriate blank)	<input type="checkbox"/> Revised Location
<input type="checkbox"/> Drill New Well	<input type="checkbox"/> Plug Back
<input type="checkbox"/> Drill Directionally	<input type="checkbox"/> Plug and Abandon
<input type="checkbox"/> Drill Horizontally	<input type="checkbox"/> Orphan Well Program
<input checked="" type="checkbox"/> Convert	<input type="checkbox"/> Deepen
<input type="checkbox"/> Reopen	<input type="checkbox"/> Temporary Inactive
3. TYPE OF WELL: <input type="checkbox"/> Oil & Gas <input type="checkbox"/> Annular Disposal <input checked="" type="checkbox"/> Saltwater Injection	
<input type="checkbox"/> Stratigraphic Test <input type="checkbox"/> Gas Storage <input type="checkbox"/> Other (explain): _____	
<input type="checkbox"/> Solution Mining* <input type="checkbox"/> Enhanced Recovery* (* if checked, select appropriate box below)	
<input type="checkbox"/> Input/Injection <input type="checkbox"/> Water Supply <input type="checkbox"/> Observation <input type="checkbox"/> Production/Extraction	
4. MAIL PERMIT TO: BROAD STREET ENERGY, LLC. 37 WEST BROAD STREET (SUITE 1100) COLUMBUS ,OH 43215	20. TYPE OF TOOLS: <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Air Rotary <input type="checkbox"/> Cable / Air Rotary <input type="checkbox"/> Air / Fluid Rotary <input type="checkbox"/> Cable / Fluid Rotary <input type="checkbox"/> Fluid Rotary <input type="checkbox"/> Cable / Air / Fluid Rotary <input type="checkbox"/> Service Rig
5. COUNTY: <u>MORGAN</u>	21. PROPOSED CASING PROGRAM: 7" @ 339' 4 1/2" @ 1735'
6. CIVIL TOWNSHIP: <u>MARION</u>	
7. SECTION: <u>19</u> 8. LOT: _____	
9. FRACTION: _____ 10. QTR TWP: _____	
11. TRACT / ALLOT: _____	
12. WELL #: <u>102</u>	
13. LEASE NAME: <u>COOK</u>	22. FIRE AND MEDICAL DEPARTMENT TELEPHONE NUMBERS: (closest to well site) Fire: <u>911</u> Medical: <u>911</u>
14. PROPOSED TOTAL DEPTH: <u>1784'</u>	
15. PROPOSED GEOLOGICAL FORMATION: <u>2nd BEREA</u>	23. MEANS OF INGRESS & EGRESS: Township Road: _____ County Road: _____ Municipal Road: _____ State Highway: <u>EXISTING DRIVE OFF SR 377</u>
16. DRILLING UNIT IN ACRES (must be same as acres indicated on plat): <u>10</u>	
17. IF PERMITTED PREVIOUSLY: API #: <u>34-115-2-4658-00-00</u>	
OWNER: <u>BROAD STREET ENERGY LLC</u>	
WELL #: <u>102</u>	24. IS THE WELL LOCATION OR PRODUCTION FACILITIES WITHIN AN URBANIZED AREA AS DEFINED BY 1509.01(Y) ? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
LEASE NAME: <u>COOK</u>	
TOTAL DEPTH: <u>1784'</u>	RECEIVED JAN 11 2012
GEOLOGICAL FORMATION: <u>2nd BEREA</u>	
18. IF SURFACE RIGHTS ARE OWNED BY THE OHIO DEPARTMENT OF NATURAL RESOURCES Division Name: _____ Division Phone: _____	
19. LANDOWNER ROYALTY INTEREST: Is There An Attached List? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Name: _____	
Address: _____	
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 the facts stated herein 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 on the tract or drilling unit and to drill into and produce from a pool and to appropriate the oil or gas that I produce therefrom either for myself or others as described in this application. And furthermore, I the undersigned, being duly sworn, depose and state at this time that I am not liable for any final nonappealable 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 (ORC). I, the undersigned, further depose and state that all notices required by 1509.06 (A) (9) ORC for this application have been duly provided by me. If applying for a permit to plug and abandon a well, I hereby certify that the written notices, as required in Section 1509.13, ORC, have been given.

That I hereby agree to conform with all provisions of Chapter 1509., ORC, and Chapter 1501., OAC, and all orders and conditions issued by the Chief, Division of Oil and Gas Resources Management.

Signature of Owner/Authorized Agent [Signature]
 Name (Type or Print) GEOFFREY W. ARTHUR Title PRESIDENT

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

Sworn to and subscribed before me this the 10th day of January, 2012.

[Signature]
 (Notary Public)
SHERI DEACUS
10/29/2010
 (Date Commission Expires)

BROAD STREET ENERGY, LLC

Well Interest Listing

Selection Criteria: Well ID: 341150101 - 341150101 in All Groups
Sort Order: Well ID

Well ID	Well Name	D O I D F I	Class 1	Class 2	Class 3	Class 4	Class 5	Before Casing Point	After Casing Point	Misc Rev 1	Misc Rev 2	After Payout
341150101	COOK #102											
2051	DAVID BEARD	M R B N N N A			4145 RICKENBACKER AVE					COLUMBUS, OH 43213		614-231-1498
12.5000000	12.5000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	12.5000000	0.0000000	0.0000000
0001	BROAD STREET ENERGY, LLC	M W B N N N A			37 W BROAD STREET SUITE 1100					COLUMBUS, OH 43215		
87.5000000	87.5000000	100.0000000	87.5000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	87.5000000	0.0000000	0.0000000
100.0000000	100.0000000	100.0000000	100.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	100.0000000	0.0000000	0.0000000

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JAN 11 2012

Legend: Owner Types R = Royalty Owner Int Types O = Oil Direct Pay O = Oil Flat Royalty Y = Yes
 O = Override Royalty G = Gas N = None
 W = Working Interest B = Both Oil and Gas B = Both N = No
 Disbursement Frequency M = Monthly Q = Quarterly S = Semi-Annually A = Annually ** = Joint Interest Bill † = Owner on Hold

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 DIVISION OF OIL AND GAS RESOURCES MANAGEMENT
 2045 Morse Road, Building H-3
 COLUMBUS, OHIO 43229-6693
 (614) 265-6633

SEE INSTRUCTIONS ON PAGE 2 (BACK)

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(address) <u>37 WEST BROAD STREET, SUITE 1100 COLUMBUS, OH 43215</u>		Phone #: <u>614-228-0326</u>	
hereby apply this date _____, 20____ for a permit to:			
<input checked="" type="checkbox"/> Reissue (check appropriate blank)	<input type="checkbox"/> Revised Location	<input checked="" type="checkbox"/> Convert	
<input type="checkbox"/> Drill New Well	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Deepen	
<input type="checkbox"/> Drill Directionally	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Reopen	
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3. TYPE OF WELL:			
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<input type="checkbox"/> Stratigraphic Test	<input type="checkbox"/> Gas Storage	<input type="checkbox"/> Other (explain): _____	
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		<input checked="" type="checkbox"/> Cable	<input type="checkbox"/> Air Rotary
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		<input type="checkbox"/> Cable / Fluid Rotary	<input type="checkbox"/> Fluid Rotary
		<input type="checkbox"/> Cable / Air / Fluid Rotary	<input type="checkbox"/> Service Rig
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6. CIVIL TOWNSHIP: <u>MARION</u>			
7. SECTION: <u>19</u> 8. LOT: _____			
9. FRACTION: _____ 10. QTR TWP: _____			
11. TRACT / ALLOT: _____		7" @ 339'	
12. WELL #: <u>102</u>		4 1/2" @ 1735'	
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15. PROPOSED GEOLOGICAL FORMATION: <u>2nd BEREA</u>		22. FIRE AND MEDICAL DEPARTMENT TELEPHONE NUMBERS: (closest to well site)	
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		Medical: <u>911</u>	
17. IF PERMITTED PREVIOUSLY:		23. MEANS OF INGRESS & EGRESS:	
API #: <u>34-115-2-4658-00-00</u>		Township Road: _____	
OWNER: <u>BROAD STREET ENERGY LLC</u>		County Road: _____	
WELL #: <u>102</u>		Municipal Road: _____	
LEASE NAME: <u>COOK</u>		State Highway: <u>EXISTING DRIVE OFF SR 377</u>	
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Division Name: _____		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Division Phone: _____		RECEIVED	
		JAN 11 2012	
19. LANDOWNER ROYALTY INTEREST:			
Is There An Attached List? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Name: _____			
Address: _____			
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 the facts stated herein 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 on the tract or drilling unit and to drill into and produce from a pool and to appropriate the oil or gas that I produce therefrom either for myself or others as described in this application. And furthermore, I the undersigned, being duly sworn, depose and state at this time that I am not liable for any final nonappealable 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 (ORC). I, the undersigned, further depose and state that all notices required by 1509.06 (A) (9) ORC for this application have been duly provided by me. If applying for a permit to plug and abandon a well, I hereby certify that the written notices, as required in Section 1509.13, ORC, have been given.

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Signature of Owner/Authorized Agent [Signature]
 Name (Type or Print) GEOFFREY W. ARTHUR Title PRESIDENT

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

Sworn to and subscribed before me this the 10th day of January, 2012.

[Signature]
 (Notary Public)
SPERI DENNIS
10/29/2011
 (Date Commission Expires)

BROAD STREET ENERGY, LLC

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Selection Criteria: Well ID: 341150101 - 341150101 in All Groups
Sort Order: Well ID

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341150101 COOK #102															
2051	DAVID BEARD					M	R	B	N	N	A			COLUMBUS, OH 43213 ***** 614-231-1498	
		12.5000000		12.5000000		0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	12.5000000	0.0000000	0.0000000
0001	BROAD STREET ENERGY, LLC					M	W	B	N	N	A			COLUMBUS, OH 43215 *****	
		87.5000000		100.0000000		87.5000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	87.5000000	0.0000000	0.0000000
		100.0000000		100.0000000		100.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	100.0000000	0.0000000	0.0000000

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JAN 11 2012

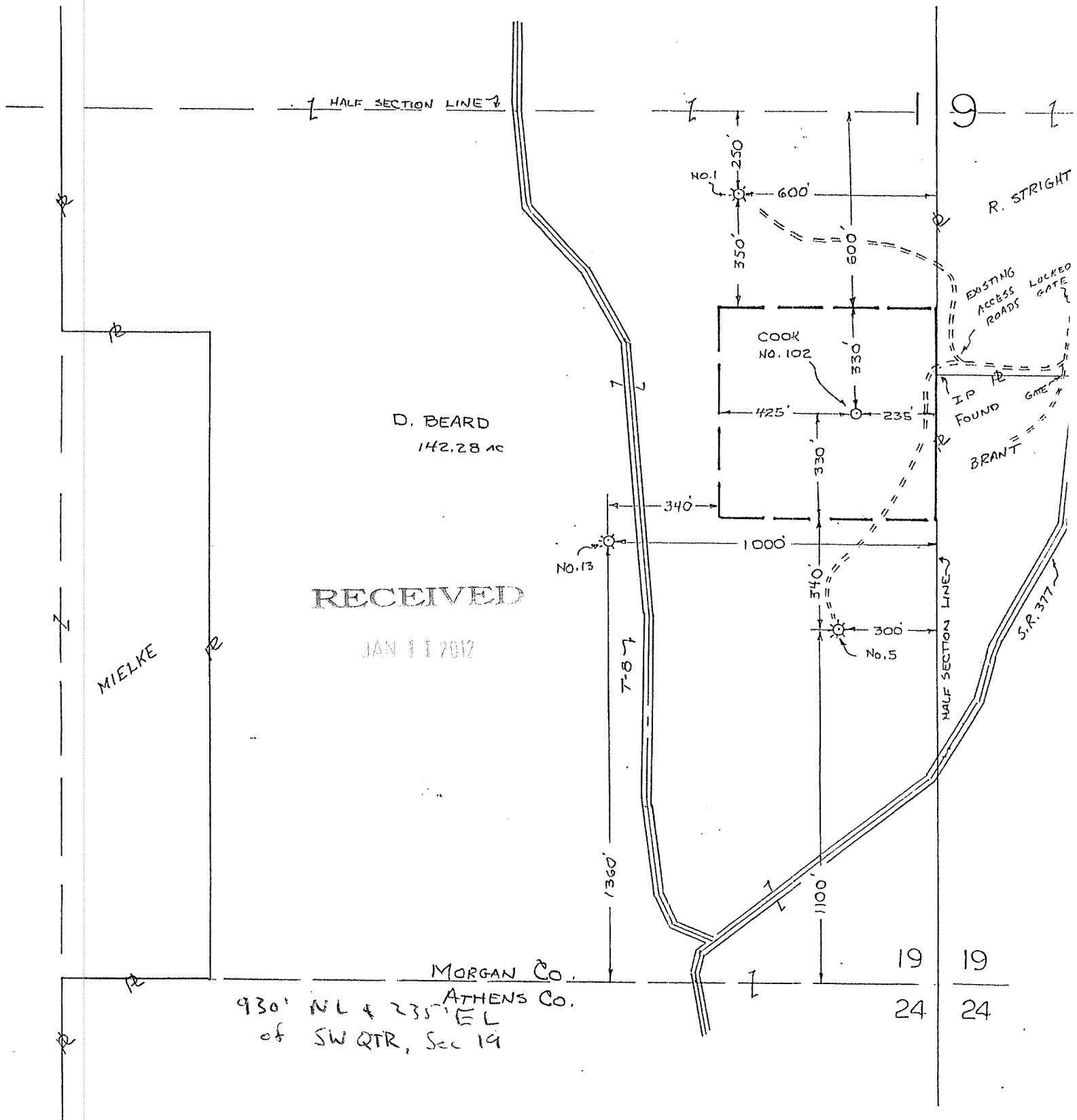
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 O = Override Royalty
 W = Working Interest
 Disbursement Frequency M = Monthly Q = Quarterly S = Semi-Annually A = Annually ** = Joint Interest Bill + = Owner on Hold

Int Types O = Oil
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Direct Pay O = Oil
 G = Gas
 B = Both
 N = None
 N = No

Flat Royalty Y = Yes
 N = No

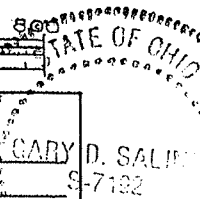
"Cook No. 102"



I hereby certify that all drilling or producing wells within 460 feet and all buildings and streams within 200 feet have been shown, there are no drilling unit lines nearer than 230 feet, that this plat is true and correct and was prepared according to the current State of Ohio, Department of Natural Resources, Division of Oil and Gas Regulations.

Gary D. Saline 5-7192
REG. SURVEYOR

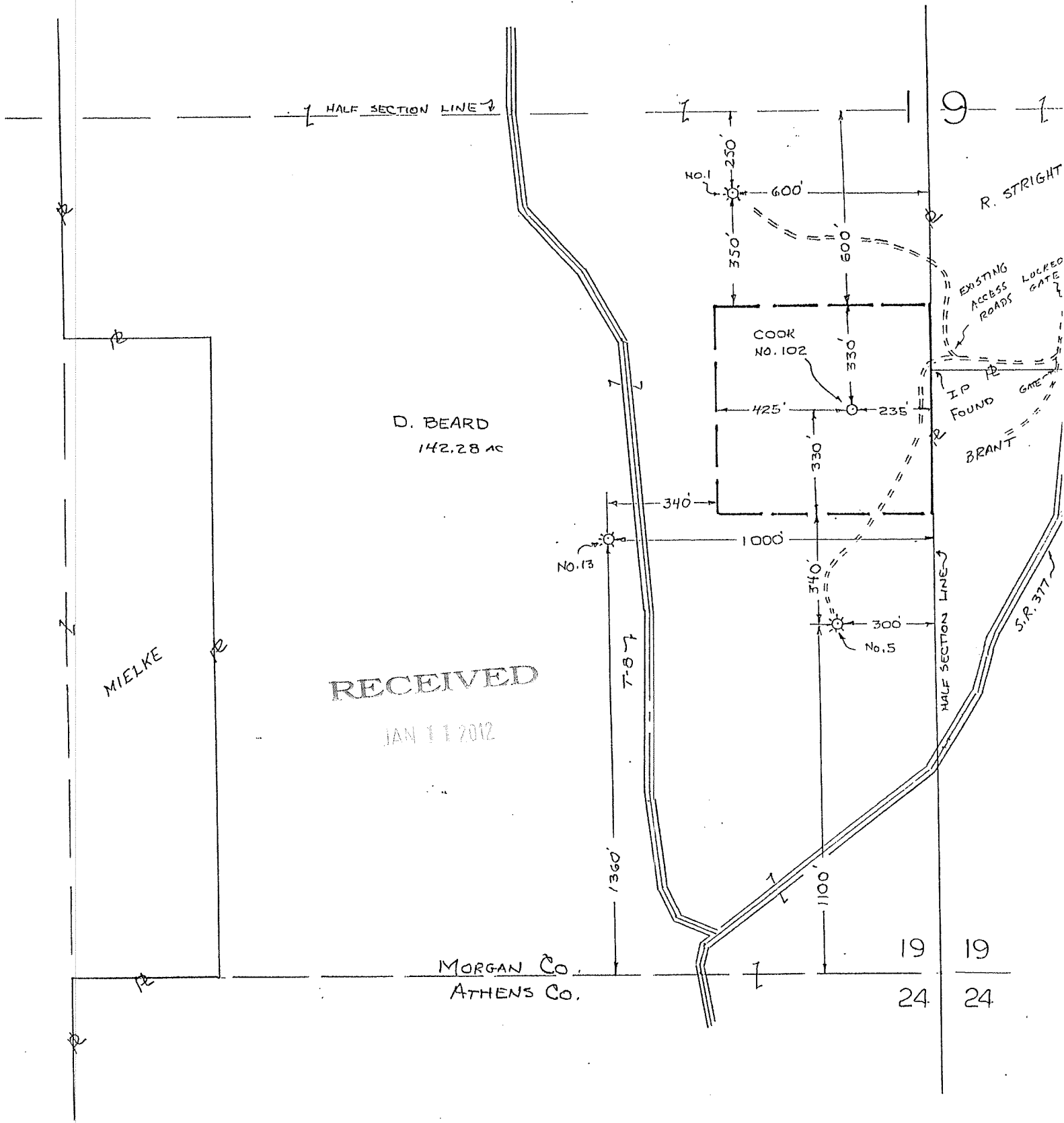
SCALE: 1" = 400'



OPERATOR BROAD STREET ENERGY, L.L.C.
ADDRESS P.O. BOX 150 BARTLETT, OHIO 45713
SURFACE D. BEARD
LANDOWNER
MINERALS COOK
WELL NO. 102 DRILLING UNIT AC. 10
COUNTY MORGAN
TWP. MARION
QUAD. AMESVILLE
OHIO PLANE COORDINATES
X 2,171,070
Y 531,165

SUBDIVISION CIVIL TWP.
TWP. 8N
RANGE 12W
QUARTER TWP.
SECTION 19 LOT
TRACT
ALLOTMENT
FRACTION OTHER
ELEV. 840' DATE: 7.27.10

"Cook No. 102"



RECEIVED

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Gary D. Salinger 5-7192
REG. SURVEYOR

OPERATOR BROAD STREET ENERGY, L.L.C.
ADDRESS P.O. BOX 150 BARTLETT, OHIO 45713
SURFACE D. BEARD

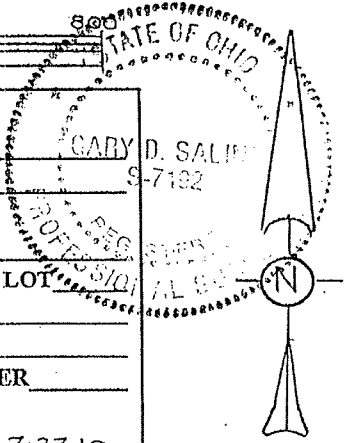
LANDOWNER
MINERALS COOK
WELL NO. 102 DRILLING UNIT AC. 10
COUNTY MORGAN
TWP. MARION
QUAD. AMESVILLE

OHIO PLANE COORDINATES
X 2,171,070
Y 531,165

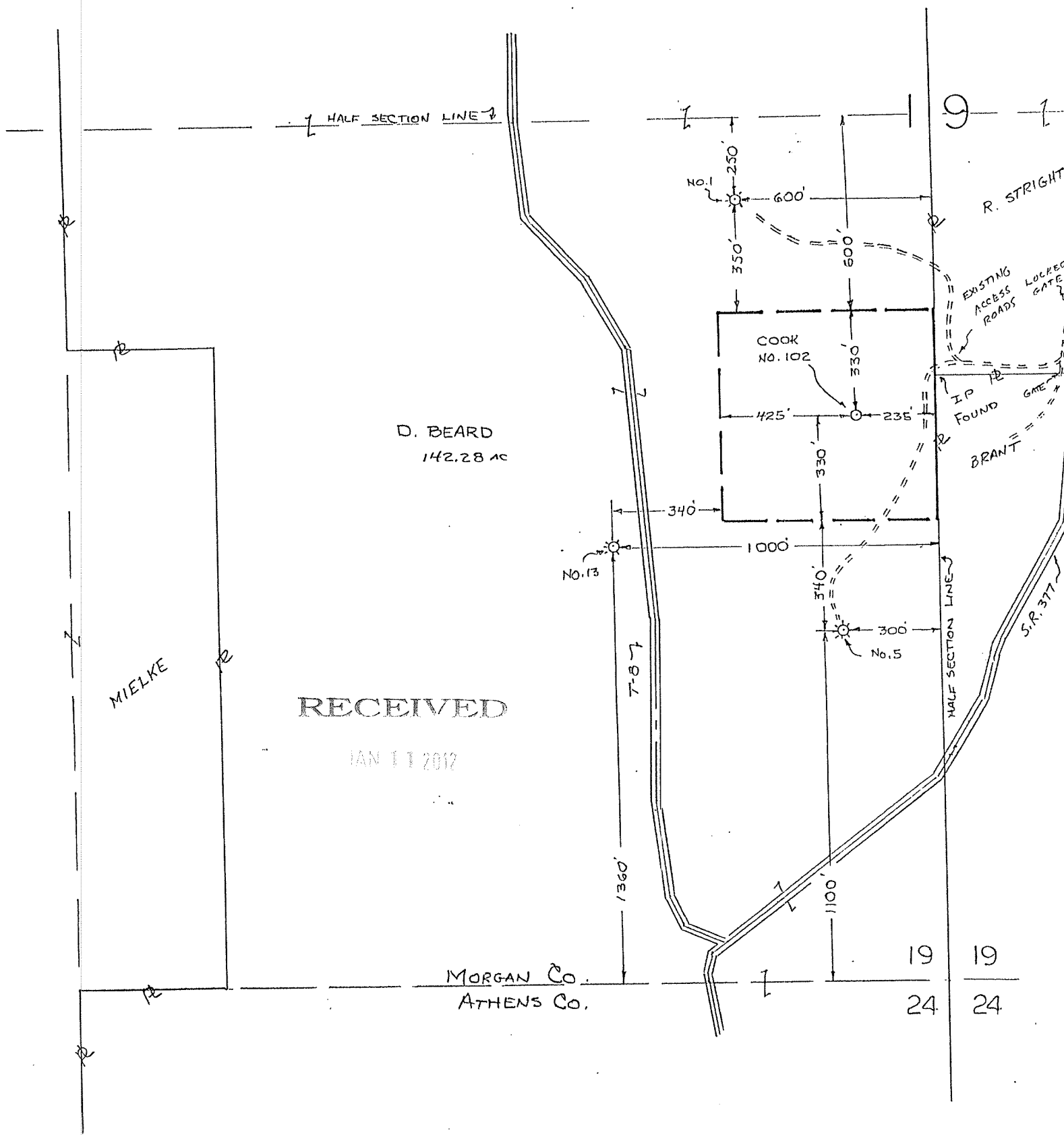
SCALE: 1" = 400'



SUBDIVISION CIVIL TWP.
TWP. 8N
RANGE 12W
QUARTER TWP.
SECTION 19 LOT 1
TRACT
ALLOTMENT 35
FRACTION 67 OTHER
ELEV. 840' DATE: 7.27.10



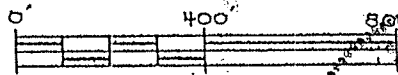
"Cook No. 102"



I hereby certify that all drilling or producing wells within 460 feet and all buildings and streams within 200 feet have been shown, there are no drilling unit lines nearer than 230 feet, that this plat is true and correct and was prepared according to the current State of Ohio, Department of Natural Resources, Division of Oil and Gas Regulations.

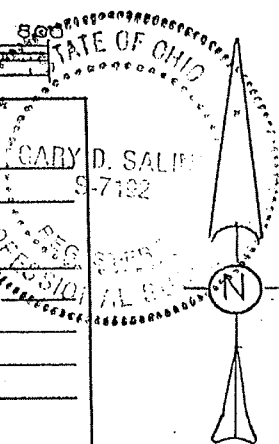
Gary D. Saline 5-7192
REG. SURVEYOR

SCALE: 1" = 400'

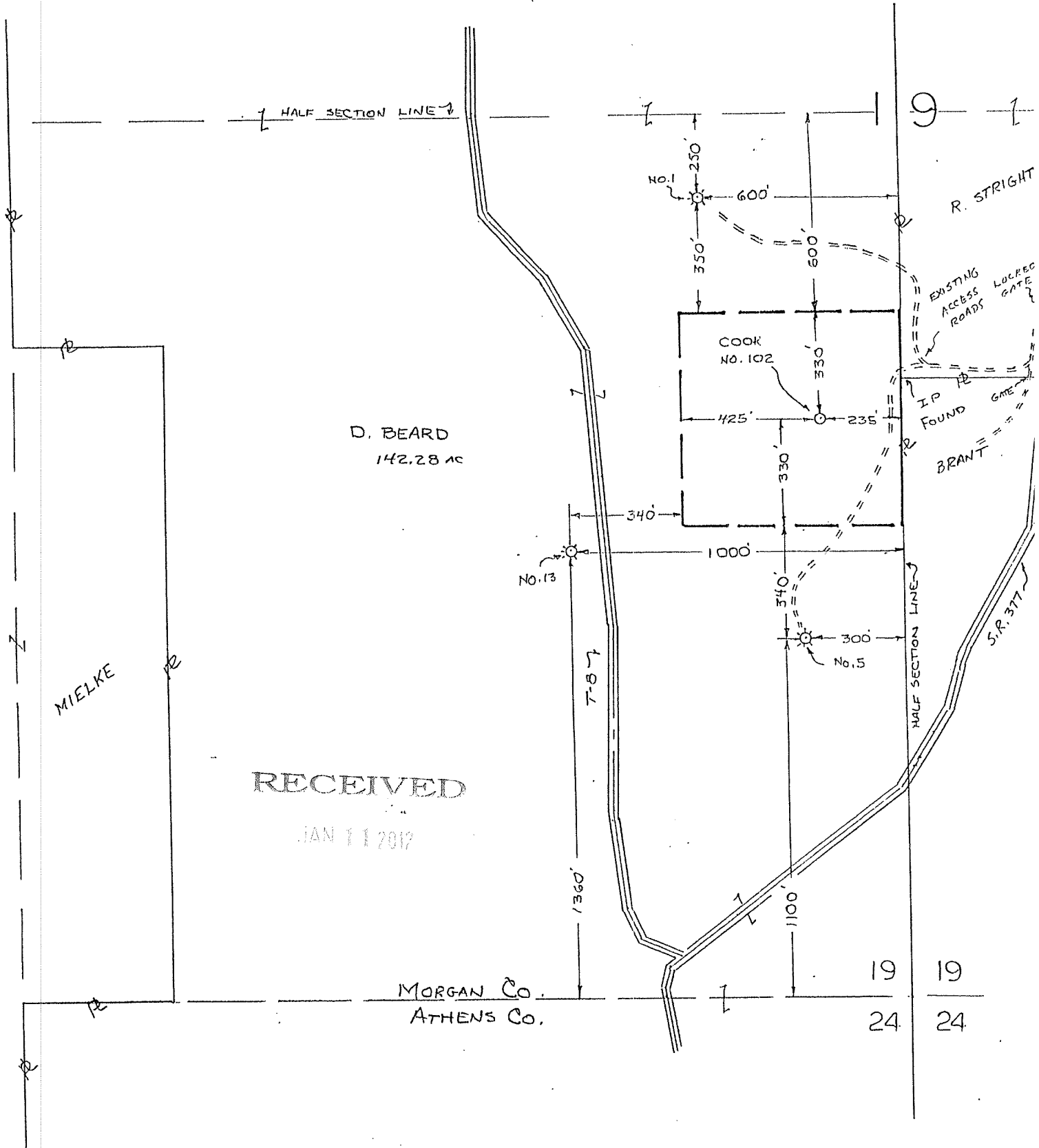


OPERATOR BROAD STREET ENERGY, L.L.C.
ADDRESS P.O. BOX 150 BARTLETT, OHIO 45713
SURFACE D. BEARD
LANDOWNER
MINERALS COOK
WELL NO. 102 DRILLING UNIT AC. 10
COUNTY MORGAN
TWP. MARION
QUAD. AMESVILLE
OHIO PLANE COORDINATES
X 2,171,070
Y 531,165

SUBDIVISION CIVIL TWP.
TWP. 8 N
RANGE 12 W
QUARTER TWP.
SECTION 19 LOT
TRACT
ALLOTMENT
FRACTION OTHER
ELEV. 840' DATE: 7.27.10



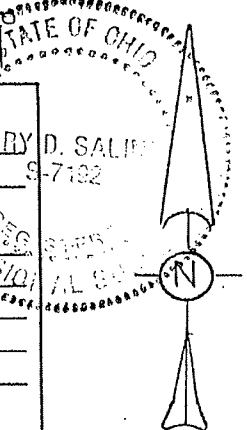
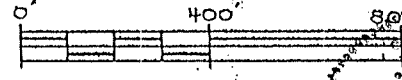
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RESTORATION PLAN
Ohio Department of Natural Resources

Division of Mineral Resources Management, 2045 Morse Road, Bldg. H-3, Columbus OH 43229-6693

<p>1. DATE OF APPLICATION:</p>	<p>FORM 4: Revised 04/05/mm</p>
<p>2. OWNER NAME, ADDRESS, & TELEPHONE NO.:</p> <p><i>Broad Street Services LLC</i> <i>37 W. Broad St. (Suite 1100)</i> <i>Columbus OH 43215</i></p> <p>Phone: <i>614 - 228-0326</i></p>	<p>3. API #: <i>3411524658**14</i></p> <p>4. WELL #: <i>102</i></p> <p>5. LEASE NAME: <i>COOK</i></p> <p>6. PROPERTY OWNER: <i>D. BEARD</i></p> <p>7. COUNTY: <i>MORGAN</i></p> <p>8. CIVIL TOWNSHIP: <i>MARION</i></p> <p>9. SECTION: <i>19</i> 10. LOT:</p>
<p>11. CURRENT LAND USE:</p> <p><input type="checkbox"/> Cropland <input type="checkbox"/> Commercial</p> <p><input type="checkbox"/> Pasture <input checked="" type="checkbox"/> Idle Land</p> <p><input type="checkbox"/> Wetlands <input type="checkbox"/> Recreational</p> <p><input type="checkbox"/> Residential <input type="checkbox"/> Industrial</p> <p><input type="checkbox"/> Unreclaimed strip mine</p> <p><input checked="" type="checkbox"/> Woodland: (Circle <u>Broad-leaved</u> or <u>Needlelike</u>)</p>	<p>17. TYPE OF WELL:</p> <p><input checked="" type="checkbox"/> Oil <input checked="" type="checkbox"/> Gas <input type="checkbox"/> Other</p> <p>18. STEEPEST SLOPE GRADIENT CROSSING SITE:</p> <p><input type="checkbox"/> 0 to 2% <input checked="" type="checkbox"/> 2.1 to 8% <input type="checkbox"/> 8.1 to 10%</p> <p><input type="checkbox"/> 10.1 to 24% <input type="checkbox"/> greater than 24%</p>
<p>12. SLOPE GRADIENT & LENGTH DETERMINED FROM:</p> <p><input type="checkbox"/> Ground Measurement</p> <p><input checked="" type="checkbox"/> U.S. Geological Survey Topographical Maps</p> <p><input type="checkbox"/> Other (explain) _____</p>	<p>19. LENGTH OF STEEPEST SLOPE CROSSING SITE:</p> <p><input type="checkbox"/> 1 to 100 ft. <input checked="" type="checkbox"/> 101 to 200 ft.</p> <p><input type="checkbox"/> 201 to 400 ft. <input type="checkbox"/> greater than 400 ft.</p>
<p>13. TYPE OF FALL VEGETAL COVER:</p> <p><input type="checkbox"/> Little or no vegetal cover</p> <p><input type="checkbox"/> Short grasses</p> <p><input type="checkbox"/> Tall weeds or short brush (1 to 2 ft.)</p> <p><input checked="" type="checkbox"/> Brush or bushes (2 to 6 ft.)</p> <p><input type="checkbox"/> Agricultural crops</p> <p><input type="checkbox"/> Trees with sparse low brush</p> <p><input type="checkbox"/> Trees with dense low brush</p>	<p>20. RESTORATION OF DRILLING PITS: **</p> <p><input checked="" type="checkbox"/> Haul drilling fluids and fill pits</p> <p><input type="checkbox"/> Use steel circulating tanks</p> <p><input type="checkbox"/> Proposed alternative _____</p>
<p>14. SOIL & RESOILING MATERIAL AT WELLSITE:</p> <p><input checked="" type="checkbox"/> Stockpile and protect topsoil to be used when preparing seedbed</p> <p><input type="checkbox"/> Use of soil additives (e.g., lime, fertilizer)</p> <p><input type="checkbox"/> No resoiling planned</p> <p><input type="checkbox"/> Proposed alternative _____</p>	<p>21. BACKFILLING AND GRADING AT SITE:</p> <p><input type="checkbox"/> Construct diversions channeled to naturally established drainage systems</p> <p><input type="checkbox"/> Construct terraces across slopes</p> <p><input checked="" type="checkbox"/> Grade to approximate original contour</p> <p><input type="checkbox"/> Grade to minimize erosion & control offsite runoff</p> <p><input type="checkbox"/> Proposed alternative _____</p>
<p>15. DISPOSAL PLAN FOR TREES AND TREE STUMPS:</p> <p><input type="checkbox"/> No trees disturbed <input type="checkbox"/> Haul to landfill</p> <p><input type="checkbox"/> Cut into firewood <input type="checkbox"/> Sell to lumber company</p> <p><input type="checkbox"/> Bury with landowner's approval</p> <p><input type="checkbox"/> Mulch small trees and branches, erosion control</p> <p><input checked="" type="checkbox"/> Use for wildlife habitat with landowner approval</p> <p><input type="checkbox"/> Proposed alternative _____</p>	<p>22. VEGETATIVE COVER TO BE ESTABLISHED AT SITE:</p> <p><input checked="" type="checkbox"/> Seeding plan <input type="checkbox"/> Sod</p> <p><input type="checkbox"/> Agricultural crops <input type="checkbox"/> Trees and/or Bushes</p> <p><input type="checkbox"/> Proposed alternative _____</p>
<p>16. SURFACE AND SUBSURFACE DRAINAGE FACILITIES:</p> <p><input checked="" type="checkbox"/> No existing drainage facilities for removal of surface and/or subsurface water</p> <p><input type="checkbox"/> Tile drainage system underlying land to be disturbed</p> <p><input type="checkbox"/> Drain pipe(s) underlying land to be disturbed</p> <p><input type="checkbox"/> Surface drainage facilities on land to be disturbed</p>	<p>23. ADDITIONAL HOLES:</p> <p><input checked="" type="checkbox"/> Rat/Mouse, if used, will be plugged</p> <p>24. PROPOSED OR CURRENT LENGTH OF ACCESS ROAD:</p> <p><input type="checkbox"/> 100 ft. or less <input checked="" type="checkbox"/> 101 to 500 ft.</p> <p><input type="checkbox"/> 501 to 1500 ft. <input type="checkbox"/> greater than 1500 ft.</p>
<p>16. SURFACE AND SUBSURFACE DRAINAGE FACILITIES:</p> <p><input checked="" type="checkbox"/> No existing drainage facilities for removal of surface and/or subsurface water</p> <p><input type="checkbox"/> Tile drainage system underlying land to be disturbed</p> <p><input type="checkbox"/> Drain pipe(s) underlying land to be disturbed</p> <p><input type="checkbox"/> Surface drainage facilities on land to be disturbed</p>	<p>25. CURRENT LAND USE OF PATH OF ACCESS ROAD:</p> <p><input checked="" type="checkbox"/> Cropland <input type="checkbox"/> Pasture <input type="checkbox"/> Commercial</p> <p><input type="checkbox"/> Idle land <input type="checkbox"/> Wetlands <input type="checkbox"/> Recreational</p> <p><input type="checkbox"/> Industrial <input type="checkbox"/> Residential</p> <p><input type="checkbox"/> Unreclaimed strip mine</p> <p><input type="checkbox"/> Woodland: (Circle <u>Broad-leaved</u> or <u>Needlelike</u>)</p>

REQUIRED BY SECTION 1509.08 (L), OHIO REVISED CODE - FAILURE TO SUBMIT MAY RESULT IN AN ASSESSMENT OF CRIMINAL FINES NOT LESS THAN \$100.00 NOR MORE THAN \$2,000.00 OR CIVIL PENALTIES NOT LESS THAN \$4,000.00. **PITS MUST BE FILLED WITHIN FIVE MONTHS AFTER COMMENCEMENT OF THE WELL.

WELL COMPLETION RECORD (Form 8)

Ohio Department of Natural Resources
 Division of Mineral Resources Management
 2045 Morse Road, Bldg. H-3, Columbus, OH 43229-6693
 Telephone: 614-265-6633 Fax: 614-265-7998

This report is due in duplicate 60 days after completion of the well. If the permit has expired and the well was not drilled, check the box below, sign on reverse side (Back), and return to our office within 30 days after expiration.

1. Owner #: <u>8312</u>		3. API #: <u>34-115-2-4658-00-00</u>																																				
2. Owner name, address and telephone numbers: <u>Broad Street Services LLC</u> <u>37 W. Broad St. Suite 1100</u> <u>Columbus, OH 43215</u> <u>614-228-0326</u>		4. Type of Permit: <u>Drill New Well</u>																																				
		5. County: <u>Morgan</u>																																				
		6. Civil Township: <u>Marion</u>																																				
8. Type of Well: <u>Oil and Gas</u>		7. Footage: <u>930' NL + 235' EL of SW Qtr. Sec. 19</u>																																				
9. X: <u>2171070</u> Y: <u>531165</u>		21. Date drilling commenced: <u>8-24-10</u>																																				
10. Quad: <u>Amesville</u>		22. Date drilling completed: <u>8-26-10</u>																																				
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15. Tract: _____		25. Producing formation: <u>2nd Berea</u>																																				
16. Allot: _____		26. Deepest formation: <u>2nd Berea</u>																																				
17. Well #: <u>102</u>		27. Driller's total depth: <u>1780'</u>																																				
18. Lease Name: <u>Cook</u>		28. Logger's total depth: <u>1784'</u>																																				
19. PTD: <u>1700</u> 20. Drilling Unit: <u>10</u>		29. Lost hole at _____ feet.																																				
30. Type of tools: <input type="checkbox"/> Cable <input type="checkbox"/> Fluid Rotary <input type="checkbox"/> Cable/Air Rotary <input type="checkbox"/> Cable/Fluid Rotary <input checked="" type="checkbox"/> Air Rotary <input type="checkbox"/> Air/Fluid Rotary <input type="checkbox"/> Service Rig <input type="checkbox"/> Cable/Air Rotary/Fluid Rotary		31. Type of completion: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Through Casing <input type="checkbox"/> Slotted Liner																																				
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33. Perforated intervals and number of shots: <u>7 shots from 1568' to 1574'</u>																																						
34. Name of Frac Company: <u>Producers Service Corp.</u>																																						
35. Method of shot, acid, or fracture treatments, production tests, pressures, etc.:																																						
SHOT: _____ ACID: _____ FRAC FLUIDS: _____ SAND: _____ PRESSURES (psi): Lbs. _____ Gals. <u>300</u> Water (gals) _____ Lbs. _____ Breakdown <u>1740</u> Qts. _____ Type <u>IC</u> Water (bbl) <u>1200</u> Sks. <u>200</u> ATP _____ Type _____ Percent <u>15</u> CO2 (tons) _____ N2 (mscf) _____ ISIP <u>837</u> 5 min. SIP <u>738</u> Avg. Rate <u>14.4</u>																																						
RECEIVED JAN 11 2011 DATE TREATED: <u>8-30-10</u>																																						
36. Amount of initial production per day:																																						
Natural: Gas <u>1</u> (MCF.) Oil <u>0</u> (Bbls.) Brine <u>0</u> (Bbls.) After Treatment: Gas <u>2</u> Oil <u>1</u> Brine <u>0</u> SERC Data: Number of Tanks: <u>1</u> Maximum Storage Capacity of all Tanks (bbls.) <u>210</u>																																						
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DIVISION USE ONLY																																						
Log Submitted: Y / N		FRAC DATA SUBMITTED:																																				
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 Division of Mineral Resources Management
 2045 Morse Road, Bldg. H-3, Columbus, OH 43229-6693
 Telephone: 614-265-6633 Fax: 614-265-7998

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		5. County: <u>Morgan</u>	
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		7. Footage: <u>930' NL + 235' EL of SW Qtr. Sec. 19</u>	
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11. Section: <u>19</u> 12. Lot: _____		24. Date plugged if dry: _____	
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15. Tract: _____		26. Deepest formation: <u>2nd Berea</u>	
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18. Lease Name: <u>Cook</u>		29. Lost hole at _____ feet.	
19. PTD: <u>1700</u> 20. Drilling Unit: <u>10</u>			
30. Type of tools: <input type="checkbox"/> Cable <input type="checkbox"/> Fluid Rotary <input type="checkbox"/> Cable/Air Rotary <input type="checkbox"/> Cable/Fluid Rotary <input checked="" type="checkbox"/> Air Rotary <input type="checkbox"/> Air/Fluid Rotary <input type="checkbox"/> Service Rig <input type="checkbox"/> Cable/Air Rotary/Fluid Rotary		31. Type of completion: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Through Casing <input type="checkbox"/> Slotted Liner	
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34. Name of Frac Company: <u>Producers Service Corp.</u>			
35. Method of shot, acid, or fracture treatments, production tests, pressures, etc.:			
SHOT: Lbs. _____ Qts. _____ Type _____	ACID: Gals. <u>300</u> Type <u>ITC</u> Percent <u>15</u>	FRAC FLUIDS: Water (gals) _____ Water (bbl) <u>1200</u> CO2 (tons) _____ N2 (mscf) _____	SAND: Lbs. _____ Sks. <u>200</u>
METHOD OF FLUID CONTAINMENT FLUIDS: Swab <input checked="" type="checkbox"/> Flowback <input type="checkbox"/> PIT: <input checked="" type="checkbox"/> FRAC TANK: <input checked="" type="checkbox"/>		RECEIVED JAN 11 2012 DATE TREATED: <u>8-30-10</u>	
36. Amount of initial production per day:			
Natural:	Gas <u>1</u>	Oil <u>0</u>	Brine <u>0</u>
After Treatment:	Gas <u>2</u>	Oil <u>1</u>	Brine <u>0</u>
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DIVISION USE ONLY			
Log Submitted: Y/N	Confidential: Y/N	FRAC DATA SUBMITTED: Pressure/Rate Graph <input type="checkbox"/> Record <input type="checkbox"/> Invoice <input type="checkbox"/>	Well Class:

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Lbs. _____	Gals. <u>300</u>	Water (gals) _____	Lbs. _____	Breakdown <u>1740</u>																																		
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Type _____	Percent <u>15</u>	CO2 (tons) _____		ISIP <u>837</u>																																		
		N2 (mscf) _____		5 min. SIP <u>738</u>																																		
				Avg. Rate <u>14.4</u>																																		
METHOD OF FLUID CONTAINMENT FLUIDS: Swab <input checked="" type="checkbox"/> Flowback <input type="checkbox"/> PIT: <input checked="" type="checkbox"/> FRAC TANK: <input checked="" type="checkbox"/>																																						
RECEIVED JAN 11 2012 DATE TREATED: <u>8-30-10</u>																																						
36. Amount of initial production per day:																																						
<table style="width:100%; border: none;"> <tr> <td>Natural:</td> <td>Gas</td> <td>(MCF.)</td> <td>Oil</td> <td>(Bbls.)</td> <td>Brine</td> <td>(Bbls.)</td> </tr> <tr> <td></td> <td></td> <td><u>1</u></td> <td></td> <td><u>0</u></td> <td></td> <td><u>0</u></td> </tr> <tr> <td>After Treatment:</td> <td>Gas</td> <td><u>2</u></td> <td>Oil</td> <td><u>1</u></td> <td>Brine</td> <td><u>0</u></td> </tr> <tr> <td>SERC Data:</td> <td>Number of Tanks:</td> <td><u>1</u></td> <td>Maximum Storage Capacity of all Tanks (bbls.):</td> <td colspan="3"><u>210</u></td> </tr> </table>				Natural:	Gas	(MCF.)	Oil	(Bbls.)	Brine	(Bbls.)			<u>1</u>		<u>0</u>		<u>0</u>	After Treatment:	Gas	<u>2</u>	Oil	<u>1</u>	Brine	<u>0</u>	SERC Data:	Number of Tanks:	<u>1</u>	Maximum Storage Capacity of all Tanks (bbls.):	<u>210</u>									
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Comments:																																						
38. Name of drilling contractor: <u>G + L Drilling, LLC</u>																																						
39. Type of electrical and/or radioactivity logs run: (all logs must be submitted) <u>Gamma Ray Neutron Density Resistivity</u>																																						
40. Name of logging company: <u>Appalachian Well Survey</u>																																						
DIVISION USE ONLY																																						
Log Submitted: Y/N		FRAC DATA SUBMITTED:																																				
Confidential: Y/N		Pressure/Rate Graph <input type="checkbox"/>																																				
		Record <input type="checkbox"/>																																				
		Invoice <input type="checkbox"/>																																				
		Well Class:																																				

BROAD STREET ENERGY LLC

37 W. Broad Street, Suite 1100
Columbus, OH 43215
614-228-0326 (office) 614-228-2181 (fax)

January 10, 2012

Ohio Department of Natural Resources
Division of Mineral Resources Management
2045 Morse Road, Building H-3
Columbus, OH 43229-6605

Re: **Convert to a Saltwater Injection Permit**

Dear sir/madame,

Enclosed is (1) conversion permit application. A check is enclosed for \$1000 for the (1) conversion permit (\$1000 each).

Morgan County, Marion Township

Cook #102 (PN 2-4658) Issue a Conversion Permit (\$1000 application fee).

Please feel free to contact me if you have any questions or concerns about this information ex. 15.

Sincerely,


Steven Chomos

RECEIVED

JAN 11 2012



November 30, 2011

Mr. Steven Chomos
Broad Street Energy LLC
37 West Broad Street, Suite 1100
Columbus, Ohio 43215

RE: Cook No. 102 well, Permit # 4658, Marion Township, Morgan County, Ohio

Dear Mr. Chomos:

Pursuant to Section 1501: 9-3-06 of the Ohio Administrative Code, your request to run an injectivity test on the proposed **Berea Sandstone injection zone** in the above-captioned well, the Division hereby grants authorization to conduct the injectivity test. **However, due an improperly Berea well in the ½ mile area of review, your injection volume is limited to injection volumes of less than 200 barrels per day.** This test is subject to the following stipulations.

1. Cindy Van Dyke, Mineral Resources Inspector, shall be notified at (614) 203-0409 at least 48 hours in advance of this test, so that a representative of the Division can be present to witness the test.
2. **Test pressure used to inject fluids is not to exceed 460 psi** (based on the top of the perforation at 1568 feet).
3. The duration of the test is limited to 48 hours.
4. A full report, which includes injection volumes, pressures, and duration, must be submitted to the Tom Tomastik within 15 days after completion of this test.
5. **The authorization to conduct this test on the above-captioned well expires after January 3, 2012.**

If you have any questions, please feel free to contact me at (614) 265-1032.

Sincerely,

A handwritten signature in black ink, appearing to read "Tom Tomastik".

Tom Tomastik, Geologist
Division of Oil and Gas Resources Management
2045 Morse Road, H-3
Columbus, Ohio 43229-6693

Cc: Cindy Van Dyke, Mineral Resources Inspector

BROAD STREET ENERGY LLC

37 W. Broad Street, Suite 1100
Columbus, OH 43215
614-228-0326 (office) 614-228-2181 (fax)

November 22, 2011

Tom Tomastik, Geologist 4
Division of Oil and Gas Resources Management
2045 Morse Road, Building H-3
Columbus, OH 43229-6693

Re: **Injectivity Test**

Dear Tom,

Broad Street Energy, LLC would like to perform an injectivity test on our Cook #102 well. He is the well information associated with the well we would like to test.

Cook #102
PN 34-115-2-4658-00-00
Morgan County
Marion Township
Berea Sandstone
Top Perforation 1568'

Please feel free to contact me if you have any questions or concerns about this information ex. 15.

Sincerely,


Steven Chomos

RESTORATION PLAN
Ohio Department of Natural Resources

Division of Mineral Resources Management, 2045 Morse Road, Bldg. H-3, Columbus OH 43229-6693

<p>1. DATE OF APPLICATION:</p>	<p>FORM 4: Revised 04/05/mm</p>
<p>2. OWNER NAME, ADDRESS, & TELEPHONE NO.: Broad Street Services LLC 37 W. Broad St. (Suite 1100) Columbus OH 43215 Phone: 614-228-0326</p>	<p>3. API #: 34 11524658 **14</p> <p>4. WELL #: 102</p> <p>5. LEASE NAME: COOK</p> <p>6. PROPERTY OWNER: D. BEARD</p> <p>7. COUNTY: MORGAN</p> <p>8. CIVIL TOWNSHIP: MARION</p> <p>9. SECTION: 19 10. LOT:</p>
<p>11. CURRENT LAND USE:</p> <p><input type="checkbox"/> Cropland <input type="checkbox"/> Commercial</p> <p><input type="checkbox"/> Pasture <input checked="" type="checkbox"/> Idle Land</p> <p><input type="checkbox"/> Wetlands <input type="checkbox"/> Recreational</p> <p><input type="checkbox"/> Residential <input type="checkbox"/> Industrial</p> <p><input type="checkbox"/> Unreclaimed strip mine</p> <p><input checked="" type="checkbox"/> Woodland: (Circle <u>Broad-leaved</u> or <u>Needlelike</u>)</p>	<p>17. TYPE OF WELL:</p> <p><input checked="" type="checkbox"/> Oil <input checked="" type="checkbox"/> Gas <input type="checkbox"/> Other</p> <p>18. STEEPEST SLOPE GRADIENT CROSSING SITE:</p> <p><input type="checkbox"/> 0 to 2% <input checked="" type="checkbox"/> 2.1 to 8% <input type="checkbox"/> 8.1 to 10%</p> <p><input type="checkbox"/> 10.1 to 24% <input type="checkbox"/> greater than 24%</p>
<p>12. SLOPE GRADIENT & LENGTH DETERMINED FROM:</p> <p><input type="checkbox"/> Ground Measurement</p> <p><input checked="" type="checkbox"/> U.S. Geological Survey Topographical Maps</p> <p><input type="checkbox"/> Other (explain) _____</p>	<p>19. LENGTH OF STEEPEST SLOPE CROSSING SITE:</p> <p><input type="checkbox"/> 1 to 100 ft. <input checked="" type="checkbox"/> 101 to 200 ft.</p> <p><input type="checkbox"/> 201 to 400 ft. <input type="checkbox"/> greater than 400 ft.</p>
<p>13. TYPE OF FALL VEGETAL COVER:</p> <p><input type="checkbox"/> Little or no vegetal cover</p> <p><input type="checkbox"/> Short grasses</p> <p><input type="checkbox"/> Tall weeds or short brush (1 to 2 ft.)</p> <p><input checked="" type="checkbox"/> Brush or bushes (2 to 6 ft.)</p> <p><input type="checkbox"/> Agricultural crops</p> <p><input type="checkbox"/> Trees with sparse low brush</p> <p><input type="checkbox"/> Trees with dense low brush</p>	<p>20. RESTORATION OF DRILLING PITS: **</p> <p><input checked="" type="checkbox"/> Haul drilling fluids and fill pits</p> <p><input type="checkbox"/> Use steel circulating tanks</p> <p><input type="checkbox"/> Proposed alternative _____</p>
<p>14. SOIL & RESOILING MATERIAL AT WELLSITE:</p> <p><input checked="" type="checkbox"/> Stockpile and protect topsoil to be used when preparing seedbed</p> <p><input type="checkbox"/> Use of soil additives (e.g., lime, fertilizer)</p> <p><input type="checkbox"/> No resoiling planned</p> <p><input type="checkbox"/> Proposed alternative _____</p>	<p>21. BACKFILLING AND GRADING AT SITE:</p> <p><input type="checkbox"/> Construct diversions channeled to naturally established drainage systems</p> <p><input type="checkbox"/> Construct terraces across slopes</p> <p><input checked="" type="checkbox"/> Grade to approximate original contour</p> <p><input type="checkbox"/> Grade to minimize erosion & control offsite runoff</p> <p><input type="checkbox"/> Proposed alternative _____</p>
<p>15. DISPOSAL PLAN FOR TREES AND TREE STUMPS:</p> <p><input type="checkbox"/> No trees disturbed <input type="checkbox"/> Haul to landfill</p> <p><input type="checkbox"/> Cut into firewood <input type="checkbox"/> Sell to lumber company</p> <p><input type="checkbox"/> Bury with landowner's approval</p> <p><input type="checkbox"/> Mulch small trees and branches, erosion control</p> <p><input checked="" type="checkbox"/> Use for wildlife habitat with landowner approval</p> <p><input type="checkbox"/> Proposed alternative _____</p>	<p>22. VEGETATIVE COVER TO BE ESTABLISHED AT SITE:</p> <p><input checked="" type="checkbox"/> Seeding plan <input type="checkbox"/> Sod</p> <p><input type="checkbox"/> Agricultural crops <input type="checkbox"/> Trees and/or Bushes</p> <p><input type="checkbox"/> Proposed alternative _____</p>
<p>16. SURFACE AND SUBSURFACE DRAINAGE FACILITIES:</p> <p><input checked="" type="checkbox"/> No existing drainage facilities for removal of surface and/or subsurface water</p> <p><input type="checkbox"/> Tile drainage system underlying land to be disturbed</p> <p><input type="checkbox"/> Drain pipe(s) underlying land to be disturbed</p> <p><input type="checkbox"/> Surface drainage facilities on land to be disturbed</p>	<p>23. ADDITIONAL HOLES:</p> <p><input checked="" type="checkbox"/> Rat/Mouse, if used, will be plugged</p> <p>24. PROPOSED OR CURRENT LENGTH OF ACCESS ROAD:</p> <p><input type="checkbox"/> 100 ft. or less <input checked="" type="checkbox"/> 101 to 500 ft.</p> <p><input type="checkbox"/> 501 to 1500 ft. <input type="checkbox"/> greater than 1500 ft.</p>
<p>16. SURFACE AND SUBSURFACE DRAINAGE FACILITIES:</p> <p><input checked="" type="checkbox"/> No existing drainage facilities for removal of surface and/or subsurface water</p> <p><input type="checkbox"/> Tile drainage system underlying land to be disturbed</p> <p><input type="checkbox"/> Drain pipe(s) underlying land to be disturbed</p> <p><input type="checkbox"/> Surface drainage facilities on land to be disturbed</p>	<p>25. CURRENT LAND USE OF PATH OF ACCESS ROAD:</p> <p><input checked="" type="checkbox"/> Cropland <input type="checkbox"/> Pasture <input type="checkbox"/> Commercial</p> <p><input type="checkbox"/> Idle land <input type="checkbox"/> Wetlands <input type="checkbox"/> Recreational</p> <p><input type="checkbox"/> Industrial <input type="checkbox"/> Residential</p> <p><input type="checkbox"/> Unreclaimed strip mine</p> <p><input type="checkbox"/> Woodland: (Circle <u>Broad-leaved</u> or <u>Needlelike</u>)</p>

REQUIRED BY SECTION 1509.06 (L), OHIO REVISED CODE - FAILURE TO SUBMIT MAY RESULT IN AN ASSESSMENT OF CRIMINAL FINES NOT LESS THAN \$100.00 NOR MORE THAN \$2,000.00 OR CIVIL PENALTIES NOT LESS THAN \$4,000.00. **PITS MUST BE FILLED WITHIN FIVE MONTHS AFTER COMMENCEMENT OF THE WELL.

BROAD STREET ENERGY LLC

37 W. Broad Street, Suite 1100
Columbus, OH 43215
614-228-0326 (office) 614-228-2181 (fax)

December 27, 2011

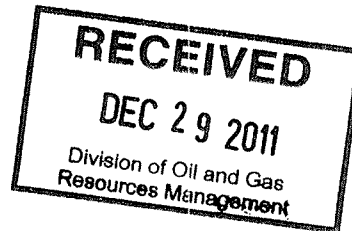
Tom Tomastik, Geologist 4
Division of Oil and Gas Resources Management
2045 Morse Road, Building H-3
Columbus, OH 43229-6693

Re: **Injectivity Test Results**

Dear Tom,

Here are the results of our injectivity test performed on our Cook #102 well on 12/19/2011.

Cook #102
PN 34-115-2-4658-00-00
Morgan County
Marion Township
Berea Sandstone
Top Perforation 1568'



Please feel free to contact me if you have any questions or concerns about this information ex. 15.

Sincerely,


Steven Chomes



Rolligon

Acid Job

Broadstreet Energy

Ed Butler

330-204-7929

Treater: Jeff Spring

12/19/2011

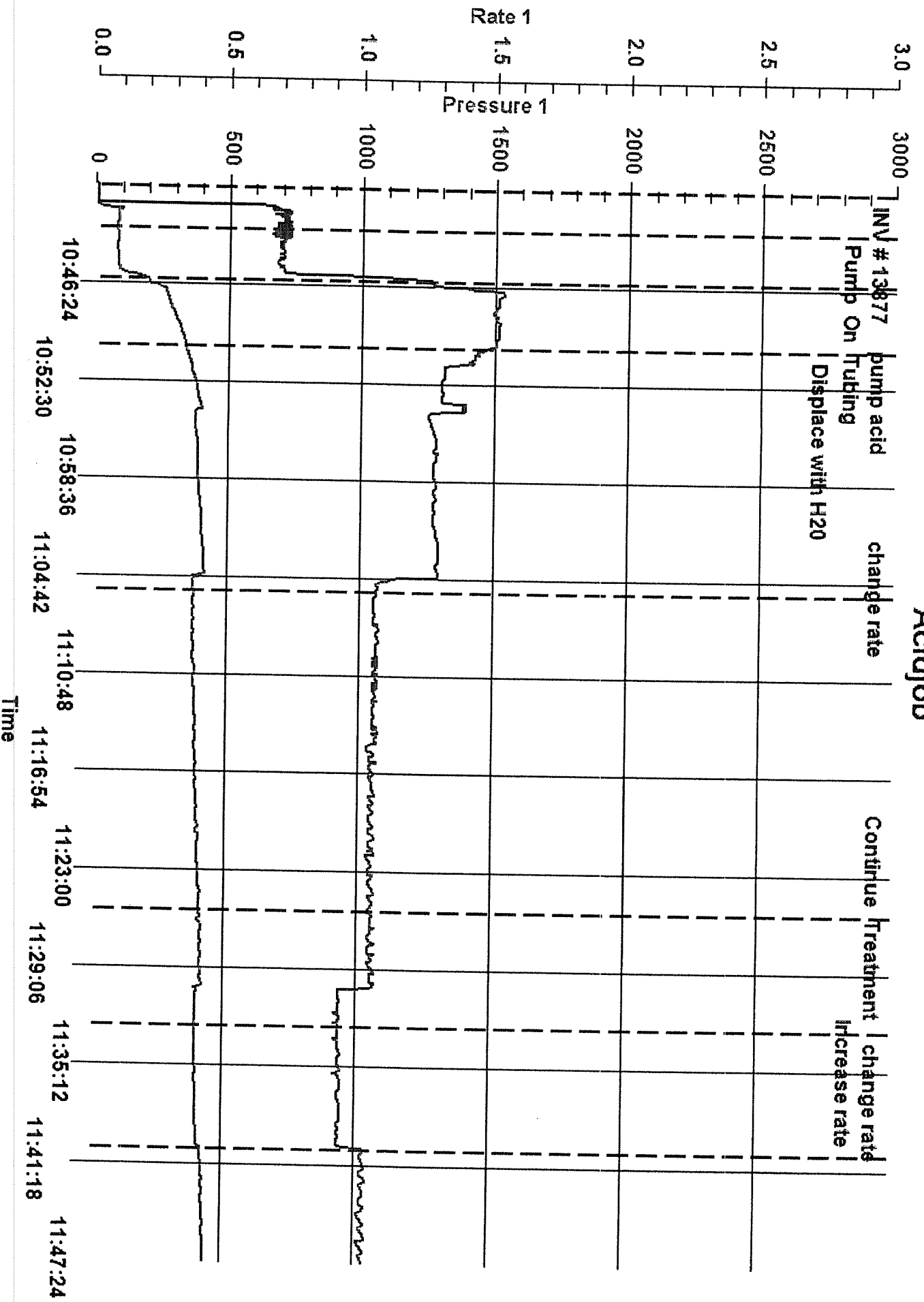
Well: Cook 102

Field: Marion

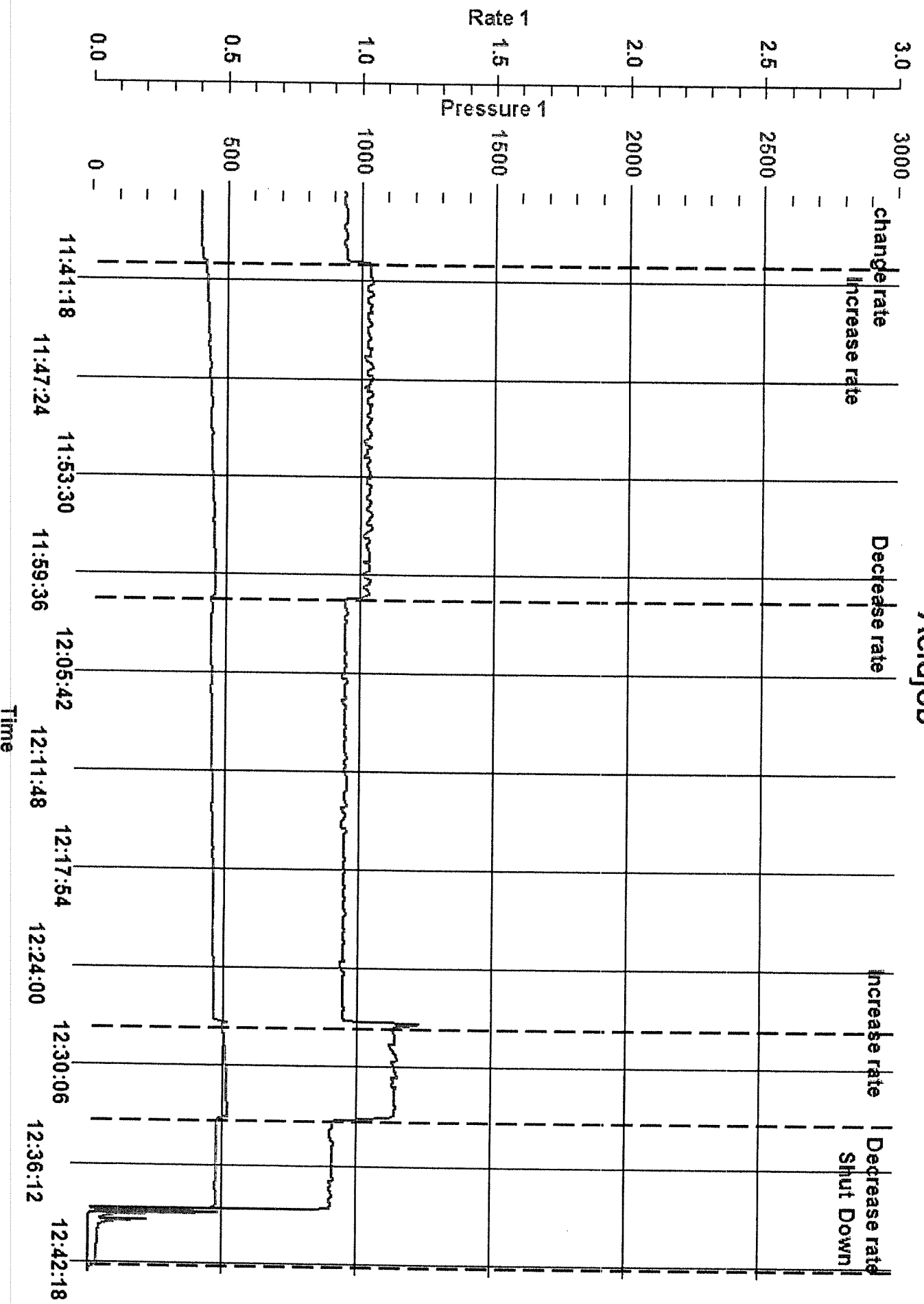
Morgan, Ohio

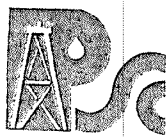


Acidjob



Acidjob





PRODUCERS SERVICE CORP.
AN EMPLOYEE OWNED COMPANY

(740) 454-6253
(740) 454-0775-FAX
109 SOUTH GRAHAM ST.
ZANESVILLE, OHIO 43701

REMIT TO:
P.O. BOX 2277
ZANESVILLE, OHIO 43702-2277

INVOICE NO.

No. **13877**

FIELD COPY

DATE OF SALE <i>12-15-11</i>	LEASE <i>COOK #102</i>	TOWNSHIP <i>Millersburg</i>	COUNTY <i>Delaware</i>	STATE <i>OHIO</i>																																																								
CUSTOMER ORDER NO.	PERMIT NO. <i>2850</i>	FORMATION <i>Shinarump</i>	TYPE <i>Fracture</i>																																																									
OWNER <i>Producers Service Corp.</i>	<table border="1"> <tr> <th>CASING</th> <th>NEW USED</th> <th>SIZE</th> <th>FROM</th> <th>TO</th> <th>WEIGHT</th> <th>MAXIMUM PSI ALLOWANCE</th> </tr> <tr> <td></td> <td><i>U</i></td> <td><i>2 3/8</i></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>TUBING</td> <td></td> <td><i>2 1/2</i></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="7">OPEN HOLE/BAFFLE</td> </tr> <tr> <td colspan="5">PERFORATIONS</td> <td colspan="2">NO. OF SHOTS</td> </tr> <tr> <td colspan="5">PERFORATIONS</td> <td colspan="2">NO. OF SHOTS</td> </tr> <tr> <td colspan="5">PERFORATIONS</td> <td colspan="2">NO. OF SHOTS</td> </tr> <tr> <td colspan="5">SERVICE ENGINEER <i>J. P. ...</i></td> <td colspan="2">NO. OF SHOTS</td> </tr> </table>				CASING	NEW USED	SIZE	FROM	TO	WEIGHT	MAXIMUM PSI ALLOWANCE		<i>U</i>	<i>2 3/8</i>					TUBING		<i>2 1/2</i>					OPEN HOLE/BAFFLE							PERFORATIONS					NO. OF SHOTS		PERFORATIONS					NO. OF SHOTS		PERFORATIONS					NO. OF SHOTS		SERVICE ENGINEER <i>J. P. ...</i>					NO. OF SHOTS	
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CHARGE TO	ADDRESS																																																											

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION	UNIT PRICE	AMOUNT
	<i>1</i>	HHP	FLUID PUMPING CHARGE	<i>1,100.00</i>	<i>1,100.00</i>
		BPM	BLENDER-PROPORTIONER CHARGE		
	<i>40</i>	MI.	MILEAGE CHARGE () UNIT(S)	<i>4.50</i>	<i>180.00</i>
	<i>350</i>	GAL.	<i>20</i> % <i>20</i> ACID	<i>2.50</i>	<i>875.00</i>
		GAL.	PROHIB 1		
		HR.	ACID DELIVERY		
		GAL.	PRO-CLA FIRM LP		
		GAL.	PRO-		
		GAL.	PRO-		
		GAL.	NE		
		GAL.	NE		
		LB.	PROGEL		
		LB.	PRO BREAK 4		
		LB.	FLC		
		GAL.	CLEAR SLIK		
		LB.	IRON TROL		
	<i>1</i>	EA.	DATA VAN	<i>500.00</i>	<i>500.00</i>
	<i>5</i>	<i>GAL</i>	<i>Pro-Prep</i>	<i>20.00</i>	<i>100.00</i>
		CWT	BULK FRAC SAND		
		TOTAL WEIGHT	LOADED MILES	TON MILES	
CUSTOMER BY <i>[Signature]</i> Authorized Agent			NOTE: IF PAID BY _____ AMOUNT DUE IS _____		TOTAL AMOUNT

Thank You!

