



1) Date: September 5, 1984
 2) Operator's Well No. AM-84-4
 3) API Well No. 47 - 095 - 1089
 State County Permit

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES, OIL AND GAS DIVISION
APPLICATION FOR A WELL WORK PERMIT

- 4) WELL TYPE: A Oil / Gas /
 B (If "Gas", Production / Underground storage / Deep / Shallow)
 5) LOCATION: Elevation: 929.3 Watershed: Gamble Run OM: 23
 District: Lincoln County: Tyler Quadrangle: Paden City 7.5' (1976)
 6) WELL OPERATOR Applied Mechanics Corporation 7) DESIGNATED AGENT C. L. Stout
 Address Route 1, Box 41-J Address Route 1, Box 41-J
Bridgeport, WV 26330 Bridgeport, WV 26330
 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Robert A. Lowther Name Unknown
 Address General Delivery Address _____
Middlebourne, WV
 10) PROPOSED WELL WORK: Drill / Drill deeper / Redrill / Stimulate /
 Plug off old formation / Perforate new formation /
 Other physical change in well (specify) _____
 11) GEOLOGICAL TARGET FORMATION, Fifth Sand/Gordon
 12) Estimated depth of completed well, 4000 feet
 13) Approximate trata depths: Fresh, -- feet; salt, -- feet.
 14) Approximate coal seam depths: -- Is coal being mined in the area? Yes / No

RECEIVED
 SEP 12 1984
 OIL & GAS DIVISION
 DEPT. OF MINES

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor	11-3/4	H-40	42		X	20	20		Kinds
Fresh water									
Coal									Sizes
Intermediate	8-5/8	J-55	23	X		800	800	Circulate <i>by rule 15.05</i> <i>as required by rule 15.0</i>	Perforations
Production	4-1/2	J-55	10.5	X			3900		
Tubing									Perforations:
Liners									Top Bottom

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-095-1089 Date September 12, 1984

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. **Notification must be given to the District Oil and Gas Inspector, (Refer to No. 8) Prior to the construction of roads, locations and pits for any permitted work.** In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the reverse hereof.

Permit expires September 12, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <u>8</u> BLANKET	Agent: <u>KS</u>	Plat: <u>ML</u>	Casing: <u>ML</u>	Fee: <u>300</u>
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Margaret J. Hasse
 Administrator, Office of Oil and Gas

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



IV-9
(Rev 8-81)

DATE August 30, 1984
WELL NO. A.M. 84-4
API NO. 47 - 095 - 1089

State of West Virginia
Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

Applied Mechanics Corporation
COMPANY NAME Rt. 1, Box 41-J DESIGNATED AGENT C. L. Stout
Address Bridgeport, WV 26330 Address Bridgeport, WV 26330
Telephone (304) 624-6822 Telephone (304) 624-6822
LANDOWNER Leon Billiter SOIL CONS. DISTRICT Upper Ohio
Revegetation to be carried out by C. L. Stout (Agent)

This plan has been reviewed by Upper Ohio SCD. All corrections
and additions become a part of this plan: 9-4-84
(Date)

Philip R. Brooks
(SCD Agent)

RECEIVED
SEP 12 1984

ACCESS ROAD	LOCATION
Structure <u>Steel Road Culverts</u> (A)	Structure <u>Diversion Ditch</u>
Spacing <u>As shown on sketch</u>	Material <u>Earth</u>
Page Ref. Manual <u>2-7 to 2-11</u>	Page Ref. Manual <u>2-7 to 2-11</u>
Structure <u>Drainage Ditch</u> (B)	Structure <u>Rip Rap</u> (2)
Along access road	Material <u>Rock</u>
Spacing <u>Inside road cuts</u>	Page Ref. Manual <u>N/A 2-9</u>
Page Ref. Manual <u>2-12 to 2-15</u>	
Structure <u>Cross Drains</u> (C)	Structure <u>Sediment Barrier</u> (3)
Spacing <u>As shown on sketch</u>	Material <u>Hay or straw bales</u>
Page Ref. Manual <u>2-1 to 2-4</u>	Page Ref. Manual <u>2-16 to 2-20</u>

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

REVEGETATION

Treatment Area I

Lime according to soil test to correct to pH 6.5

Fertilizer 600 lbs/acre (10-20-20 or equivalent)

Mulch Hay or Straw 2.0 Tons/acre

Seed* Ky 31 Tall Fescue 40 lbs/acre
Birdsfoot Trefoil 10 lbs/acre
Dom Rye Grass 10 lbs/acre

Treatment Area II

Lime according to soil test to correct to pH 6.5

Fertilizer 600 lbs/acre (10-20-20 or equivalent)

Mulch Hay or Straw 2.0 Tons/acre

Seed* Ky 31 Tall Fescue 40 lbs/acre
Birdsfoot Trefoil 10 lbs/acre
Dom Rye Grass 10 lbs/acre

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

PLAN PREPARED BY SRL PAT MSES Consultants, 12/22/2023

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

ADDRESS 609 West Main Street
Clarksburg, WV 26301
PHONE NO. 304-624-9700 or
304-842-3325 (24-hour)

FARM Leon Billiter

DISTRICT Magnolia

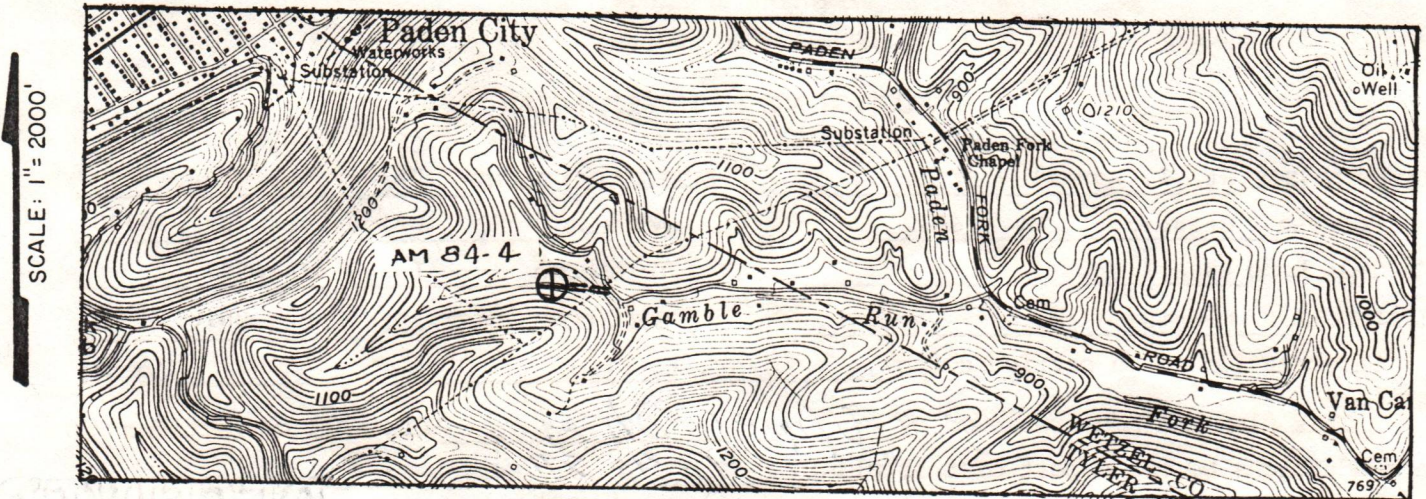
COUNTY Tyler

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE Paden City 7.5'

LEGEND

Well Site ⊕

Access Road ===

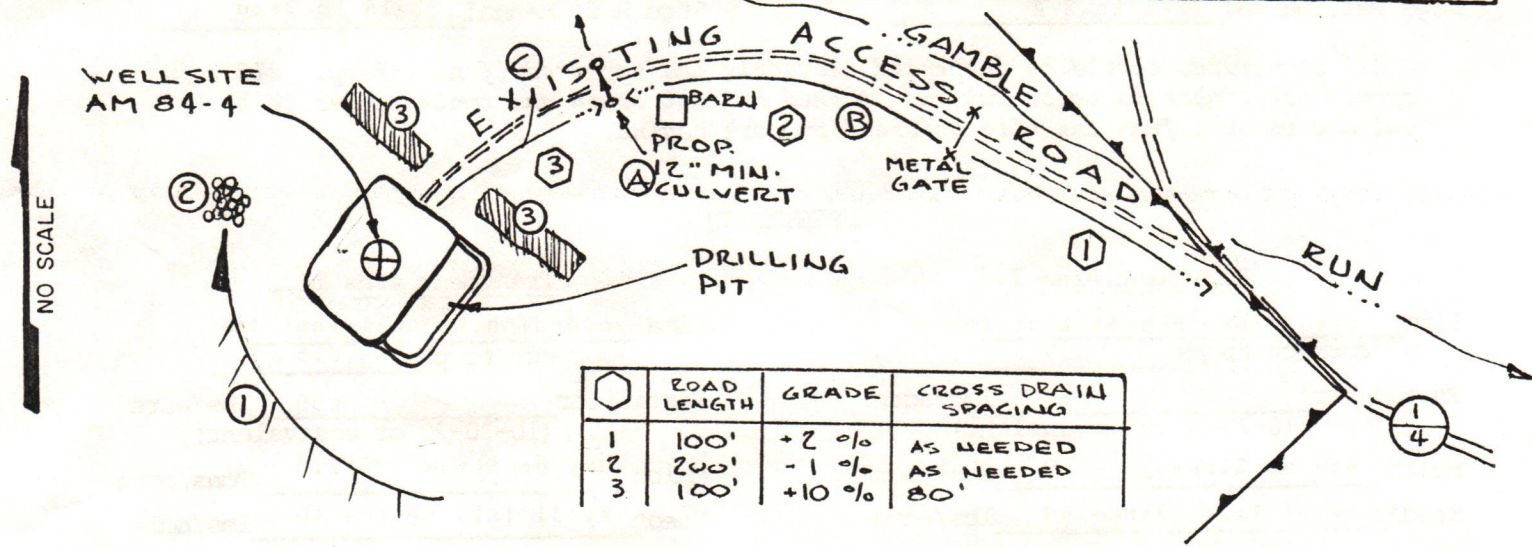


WELL SITE PLAN

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

LEGEND

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



Comments: Access to the well site will be gained by upgrading approximately 400' of existing access road from an intersection point in Tyler Co. Rt. 1/4.

12/22/2023

The access road will be sloped 2-3% towards the open ditch. All outlets of drainage structures and ditches will be in a stable area. All brush and timber will be removed from the area to be disturbed prior to any earth moving activities. Topsoil will be stockpiled for use in reclaiming. The road and well site will be brought to desired grade with erosion control structures being installed in conjunction with the grading. All cuts will be 2:1 slope or less.

1) Date: September 5, 1984
2) Operator's Well No. AM-84-4
3) API Well No. 47 - 095 - 1089
State County Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OFFICE OF OIL & GAS
NOTICE OF APPLICATION FOR A WELL WORK PERMIT

4) SURFACE OWNER(S) OF RECORD TO BE SERVED

5 (i) COAL OPERATOR No Coal
Address _____

(i) Name Leon Billiter
Address Route 2, Box 183-B
New Martinsville, WV 26155

5 (ii) COAL OWNER(S) WITH DECLARATION ON RECORD:
Name _____
Address _____

(ii) Name _____
Address _____

Name _____
Address _____

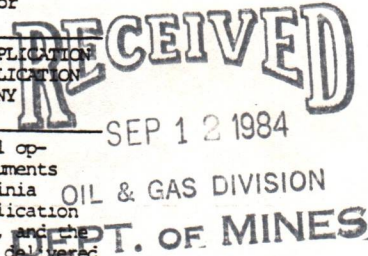
(iii) Name _____
Address _____

5 (iii) COAL LESSEE WITH DECLARATION ON RECORD:
Name _____
Address _____

TO THE PERSON(S) NAMED ABOVE: You should have received this Form and the following documents:

- (1) The Application for a Well Work Permit on Form IV-2(B) (or Form IV-4 if the well is to be plugged, which sets out the parties involved in the drilling or other work, and describes the well and its location and, if applicable, the proposed casing and cementing program;
- (2) The plat (surveyor's map) showing the well location on Form IV-6; and
- (3) The Construction and Reclamation Plan on Form IV-9 (unless the well work is only to plug a well), which sets out the plan for erosion and sediment control and for reclamation for the site and access road.

THE REASON YOU RECEIVED THESE DOCUMENTS IS THAT YOU HAVE RIGHTS REGARDING THE APPLICATION WHICH ARE SUMMARIZED IN THE "INSTRUCTIONS" ON THE REVERSE SIDE OF THE COPY OF THE APPLICATION (FORM IV-2(B) OR FORM 4, DESIGNATED FOR YOU. HOWEVER, YOU ARE NOT REQUIRED TO TAKE ANY ACTION AT ALL.



Take notice that under Chapter 22 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a Well Work Permit with the Administrator of the Office of Oil and Gas, West Virginia Department of Mines, with respect to a well at the location described on attached Application and depicted on attached Form IV-6. Copies of this Notice, the Application, the plat, and the Construction and Reclamation Plan have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Administrator.

6) EXTRACTION RIGHTS

Check and provide one of the following:

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

7) ROYALTY PROVISIONS

Is the right to extract, produce or market the oil or gas based upon a lease or leases or other contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? Yes No

If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60.

See the reverse side for line item instructions, and for instructions concerning the required copies of the Notice and Application, plat, and Construction and Reclamation Plan.

The truth of the information on the Notice and Application is verified and sworn to and the Notice is signed on behalf of the Well Operator in my County and State by

Charles L. Stout, President
this 7th day of September, 1984.
My commission expires March 31, 1992.

WELL OPERATOR Applied Mechanics Corporation

By Charles L. Stout
Its President
Address Route 1, Box 41-J
Bridgeport, WV 26330
Telephone 304-624-6822

Mary D. Straley
Notary Public, HARRISON County,
State of West Virginia

12/22/2023

I N S T R U C T I O N S T O A P P L I C A N T

CONCERNING THE LINE ITEMS:

- 1) Date of Notice.
- 2) Your well name and number.
- 3) To be filled out by the Office of Oil & Gas.
- 4) & 5) Use separate sheet if necessary.
- 4) Surface owner(s) of record to be served with Notice and Application. However, see also Code § 22-4-1b(b) if "more than three tenants in common or other co-owners of interest described in subsection (a) of this section hold interests in such lands".
- 5(i) "Coal Operator" means any person, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine.
- 5(ii, iii) See Code § 22-4-20.
- 6) See Code § 22-4-11(c). However, in lieu of filing the lease(s) or other continuing contract(s), the Applicant may fill out the information in the space provided below.
- 7) See Code § § 22-4-11(d, e).

CONCERNING THE REQUIRED COPIES FOR FILING AND SERVICE:

Filing. Code § 22-4-1k and Regulation 7.02 provide that the original and required copies of the Notice and Application must be filed with the Administrator, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code § 22-4-1k(d) and the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fees required by Code § 22-4-1a(c) and 22-3-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well on dwelling within 200 feet of the proposed well.

Service. In addition, service must be made on the surface owner(s) and the person(s) with an interest in the coal. See Code § § 22-4-1m, 22-4-2, 22-4-2a, and 22-4-2b.

INFORMATION SUPPLIED UNDER CODE § 22-4-11(d)
IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on the obverse side of this Notice, I depose and say that I am the person who signed the Notice for the Applicant, and that--

- (1) the tract of land is the same tract described in the Application to which this Notice applies, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

<u>Grantor, lessor, etc.</u>	<u>Grantee, lessee, etc.</u>	<u>Royalty</u>	<u>Book Page</u>
Leon Billiter	Charles L. Stout	1/8	Recorded
Charles L. Stout	Applied Mechanics Corporation	Assignment 1/32	RECORDED



1) Date: September 5, 1984
 2) Operator's AM-84-4
 Well No. _____
 3) API Well No. 47 095
 State County Permit

**STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES, OIL AND GAS DIVISION
 APPLICATION FOR A WELL WORK PERMIT**

- 4) WELL TYPE: A Oil _____ / Gas X /
 B (If "Gas", Production X / Underground storage _____ / Deep _____ / Shallow X /)
- 5) LOCATION: Elevation: 929.3 Watershed: Gamble Run
 District: Lincoln County: Tyler Quadrangle: Paden City 7.5' (1976)
- 6) WELL OPERATOR Applied Mechanics Corporation 7) DESIGNATED AGENT C. L. Stout
 Address Route 1, Box 41-J Address Route 1, Box 41-J
Bridgeport, WV 26330 Bridgeport, WV 26330
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Robert A. Lowther Name Unknown
 Address General Delivery Address _____
Middlebourne, WV
- 10) PROPOSED WELL WORK: Drill X / Drill deeper _____ / Redrill _____ / Stimulate _____
 Plug off old formation _____ / Perforate new formation _____
 Other physical change in well (specify) _____
- 11) GEOLOGICAL TARGET FORMATION, Fifth Sand/Gordon
- 12) Estimated depth of completed well, 4000 feet
- 13) Approximate trata depths: Fresh, -- feet; salt, -- feet.
- 14) Approximate coal seam depths: -- Is coal being mined in the area? Yes _____ / No X /

RECEIVED
 SEP 12 1984
 OIL & GAS DIVISION
 DEPT. OF MINES

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor	11-3/4	H-40	42		X	20	20		Kinds
Fresh water									
Coal									Sizes
Intermediate	8-5/8	J-55	23	X		800	800	Circulate	
Production	4-1/2	J-55	10.5	X			3900		Depths set
Tubing									
Liners									Perforations:
									Top Bottom

The law requires a comment period for surface owners. However, the permit can be issued in less than 15 days from the filing of the Application if the surface owner(s) of record sign(s) the following "Voluntary Statement of No Objection" on a facsimile of this surface owner's copy of the Application.

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners on the reverse side of this Application for a Well Work Permit, and that I have received copies of (1) a Notice of Application for a Well Work Permit on Form IV-2(A), (2) an Application for a Well Work Permit on Form IV-2(B), (3) a survey plat on Form IV-6, and (4) a Construction and Reclamation Plan on Form IV-9, all for proposed well work on my surface land as described therein.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued based on those materials.

(For execution by corporation, partnership, etc.)

NAME: _____
 By _____
 Its _____ Date _____

(For execution by natural persons)

Lonnie L. Billiter Date: 9-6-84
 (Signature)
Betty Lou Billiter Date: 9-6-84
 (Signature)

**INSTRUCTIONS TO SURFACE OWNERS
AND
EXPLANATION OF METHODS AND TIME LIMITS TO COMMENT
ON OIL AND GAS WELL WORK PERMIT**

The well operator named in the Notice and this Application and the attached materials is applying for a permit from the State to do oil or gas well drilling or other well work. You are being served with these materials because surface owners have the right to file comments before the permit is issued. (**NOTE:** If the surface tract is owned by more than three persons, in multiple heirship for example, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22, Article 4 of the W. Va. Code. Permits are valid for 24 months.

If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator named in the materials and the Administrator of the Office of Oil and Gas in the West Virginia Department of Mines immediately.

NOTE: You are not required to file any comment at all.

Where to file comments and obtain additional information:

Administrator of the Office of Oil and Gas
West Virginia Department of Mines
1615 Washington Street East
Charleston, West Virginia 25311
(304) 348-2057

Who may file comments? If you wish to file comments, you must be an owner of record of (1) an interest in the surface tract on which the well already is or is about to be located, or (2) an interest in any other surface tract under the same oil or gas lease which will be utilized for roads or other land disturbances.

Time limits for comments. The law requires these materials to be delivered on or before the date the operator files his Application. You have **FIFTEEN (15) DAYS** after the filing date to file your comments as provided in **Methods for Filing Comments** below. You may call the Administrator's office at the above telephone number to be sure of the date. However, if you have been contacted by the well operator, and if you have signed a "voluntary statement of no objection" to any of the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments must include your name, address and telephone number, the well operator's name and well number, and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

Methods for filing comments. Comments must be filed in person or received in the mail at the Administrator's office by the time stated above. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling.

The Administrator for Oil and Gas has the power to deny or condition a well work permit based on your comments on the following grounds:

- “(1) The proposed well work will constitute a hazard to the safety of persons; or
- “(2) The plan for soil erosion and sediment control is not adequate or effective; or
- “(3) Damage would occur to publicly owned lands or resources; or
- “(4) The proposed well work fails to protect fresh water sources or supplies.”

If you want a copy of the permit as it is finally issued, or a copy of the order denying the permit, you should request a copy from the Administrator.

List of Water Testing Laboratories. The Administrator maintains a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Administrator's office or an Oil and Gas Inspector to obtain a copy of the list.



IV-35
(Rev 8-81)

Date November 4, 1984
Operator's
Well No. AM 84-4
Farm Lonnie Billiter
API No. 47 - 095 - 1089

State of West Virginia
Department of Mines
Oil and Gas Division

WELL OPERATOR'S REPORT
OF
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

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

LOCATION: Elevation: 929 Watershed Gamble Run
District: Lincoln County Tyler Quadrangle Paden City 7.5 (1976)

COMPANY Applied Mechanics Corporation
ADDRESS Rt. 1, Box 41-J; Bridgeport, W.Va. 26330
DESIGNATED AGENT Charles L. Stout
ADDRESS Same as above
SURFACE OWNER Lonnie Billiter
ADDRESS _____
MINERAL RIGHTS OWNER Lonnie Billiter
ADDRESS _____
OIL AND GAS INSPECTOR FOR THIS WORK _____
Robert Lowther ADDRESS Middlebourne, W.Va.
PERMIT ISSUED September 5, 1984
DRILLING COMMENCED October 9, 1984
DRILLING COMPLETED October 13, 1984
IF APPLICABLE: PLUGGING OF DRY HOLE ON
CONTINUOUS PROGRESSION FROM DRILLING OR
REWORKING. VERBAL PERMISSION OBTAINED
ON _____

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
11 3/4 13-16	30	30	
9 5/8			
8 5/8	1052	1052	275
7			
5 1/2			
4 1/2	2867	2867	318
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Gordon Sand Depth 2779-2826 feet
Depth of completed well 2930 feet Rotary x / Cable Tools _____
Water strata depth: Fresh 125 feet; Salt 1233 feet
Coal seam depths: 234 Is coal being mined in the area? No

OPEN FLOW DATA
Producing formation Gordon Pay zone depth 2779-2826 feet
Gas: Initial open flow show Mcf/d Oil: Initial open flow 0 Bbl/d
Final open flow 354 Mcf/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests 4 hours
Static rock pressure 1220 psig (surface measurement) after 48 hours shut in
(If applicable due to multiple completion--)
Second producing formation _____ Pay zone depth _____ feet
Gas: Initial open flow _____ Mcf/d Oil: Initial open flow _____ Bbl/d
Final open flow _____ Mcf/d Oil: Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ hours
Static rock pressure _____ psig (surface measurement) after _____ hours shut in

(Continue on reverse side)

TYLER 1089

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

2782 - 84 3 holes
2794 - 99 6 holes
2821 - 24 3 holes

Fractured using 712 bbls H₂O
500 gallons acid
40,000# 20-40 sand
120,000 S.C.F. N₂

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Clay	red	soft	0	32	Fresh water 125
Shale	gray	soft	32	120	
Sand	white	hard	120	133	
Shale	gray	soft	133	234	
Coal	black	soft	234	244	
Shale	gray	soft	244	346	
Shale	red & gray	soft	346	589	
Lime	lt. brown	hard	589	605	
Shale	gray	soft	605	685	Salt water 1233
Lime	lt. brown	hard	685	706	
Shale	gray	soft	706	720	
Lime	lt. brown	hard	720	730	
Shale	gray	soft	730	736	
Shale	red	soft	736	815	
Shale	red & gray	soft	815	1015	
Lime	brown	hard	1015	1160	
Shale	dk. gray	soft	1160	1315	
Shale, sand	gray to white	soft	1315	1597	Electric log--1597 to T.D.
Sand (Maxton)	dk. gray	soft	1597	1633	
Sand & shale	gray	soft	1633	1716	
Lime	dk. gray	hard	1716	1804	
(Big Lime)					
Sand	white	hard	1804	1933	
(Big Injun)					
Sand & shale	gray	soft	1933	2183	
Sand	dk. gray	soft	2183	2277	
(Weir)					
Shale	gray	soft	2277	2779	
Sand	dk. gray	soft	2779	2836	
(Gordon)					
Shale	dk. gray	soft	2836	2930	T.D.

(Attach separate sheets as necessary)

Applied Mechanics Corporation

Well Operator

By: Charles L. Stout

12/22/2023

Date: November 11, 1984

Note: Regulation 2.02(i) provides as follows:
"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coal, encountered in the drilling of a well."

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

INSPECTOR'S WELL REPORT

Permit No. 095-1089

Oil or Gas Well _____
(KIND)

Company applied mechanics
 Address Bridgeport W. Va.
 Farm Billiter
 Well No. AM 84-4
 District Lincoln County Tyler
 Drilling commenced 10-9-84
 Drilling completed _____ Total depth 1895
 Date shot _____ Depth of shot _____
 Initial open flow _____ /10ths Water in _____ Inch
 Open flow after tubing _____ /10ths Merc. in _____ Inch
 Volume _____ Cu. Ft.
 Rock pressure _____ lbs. _____ hrs.
 Oil _____ bbls., 1st 24 hrs.
 Fresh water 125 feet _____ feet
 Salt water 1233 feet _____ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			Kind of Packer _____
16			
13			Size of _____
10			
8 1/4	<u>1052</u>	<u>1052</u>	Depth set _____
6 5/8			
5 3/16			Perf. top _____
3			Perf. bottom _____
2			Perf. top _____
Liners Used			Perf. bottom _____

CASING CEMENTED 8 5/8 SIZE 1052 No. FT 10-11-84 Date
 NAME OF SERVICE COMPANY BJ Hughes
 COAL WAS ENCOUNTERED AT 234 FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES

Drillers' Names _____

Remarks: _____

RECEIVED
 OCT 16 1984
 OIL & GAS DIVISION
 DEPT. OF MINES

oct 12 1984
DATE

R.A. Lowther
DISTRICT INSPECTOR
12/22/2020

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

RECEIVED
APR 12 1985

OIL & GAS DIVISION

DEPT. OF MINES

Company: APPLIED MECHANICS COR
Name: BILLITER, LEON

Well: AM-84-4

Permit No. 47- 95-1089
County: TYLER

Rule	Description	In Compliance	
		Yes	No
3.06	Notification prior to starting work	✓	
5.04	Prepped before drilling to prevent waste	✓	
5.03	High pressure drilling	✓	
6.01	Required permits at wellsite	✓	
5.03	Adequate Fresh Water Casings	✓	
5.02	Adequate Coal Casings	✓	
5.01	Adequate Production Casings	✓	
5.04	Adequate Cement Strength	✓	
5.05	Cement Type	✓	
3.02	Maintained Access Roads	✓	
5.01	Necessary Equipment to Prevent Waste	✓	
3.04	Reclaimed Drilling Pits	✓	
3.05	No Surface or Underground Pollution	✓	
3.07	Requirements for Production & Gathering Pipelines	✓	
6.01	Well Records on Site	✓	
2	Well Records Filed	✓	
7.05	Identification Markings	✓	

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

SIGNED R.A. Lowther
DATE April 8, 1985

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

T.H. [Signature]
Administrator

April 18, 1985

Date

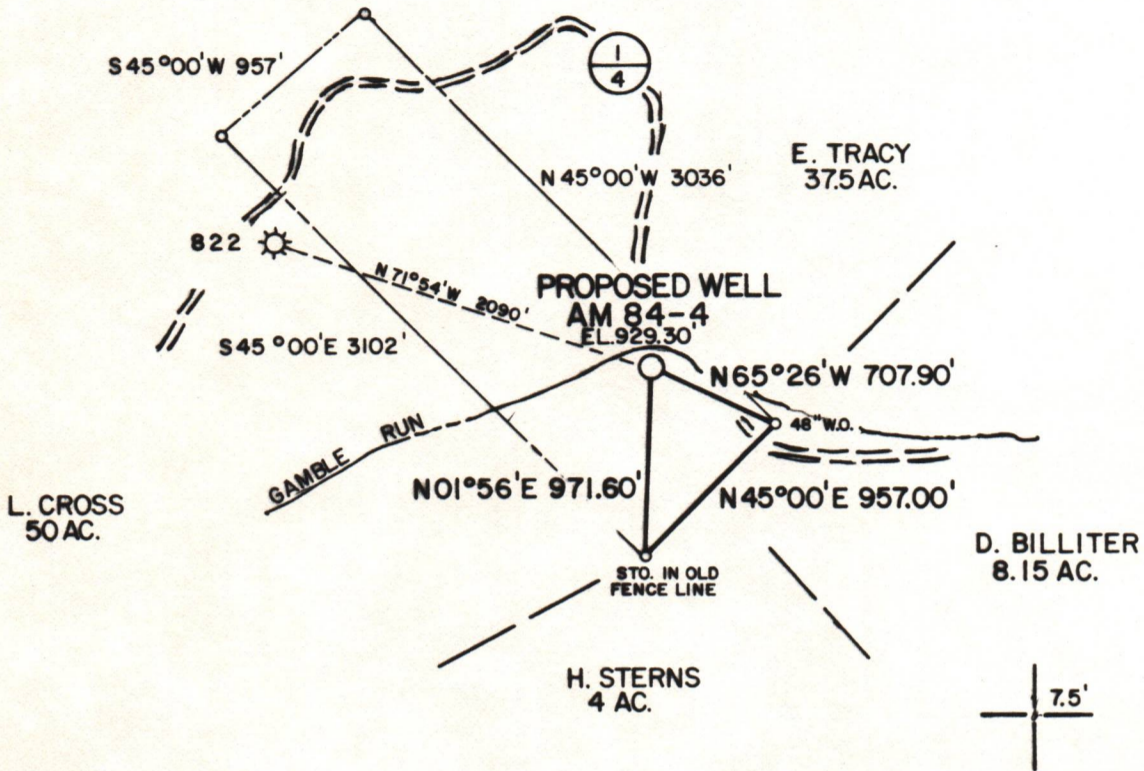
MN 9/12/84

2450'

LATITUDE 39° 37' 30"

LONGITUDE 80° 55' 00"

NORTH



WELL REFERENCE TIES

AM 84-4 TO 20" POP. N25°50'E 66.4'
AM 84-4 TO 10" POP. N63°41'W 90.3'

FILE NO. MSES 84-488

DRAWING NO. _____

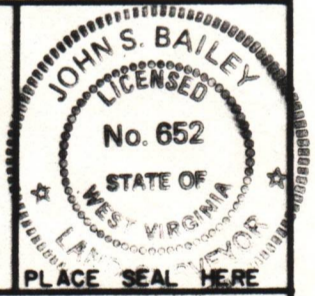
SCALE 1"=1000'

MINIMUM DEGREE OF ACCURACY 1 IN 200

PROVEN SOURCE OF ELEVATION USGS DISK AT BUCK KNOB
EL. 1345'

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.

(SIGNED) John S. Bailey
R.P.E. _____ L.L.S. 652



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FORM IV-6
(8-78)



Department of Mines
Oil & Gas Division

DATE SEPTEMBER 5, 19 84
OPERATOR'S WELL NO. AM 84-4
API WELL NO. _____
47 - 095 - 1089
STATE COUNTY PERMIT

WELL TYPE: OIL _____ GAS X LIQUID INJECTION _____ WASTE DISPOSAL _____
(IF "GAS", PRODUCTION X STORAGE _____ DEEP _____ SHALLOW X)

LOCATION: ELEVATION 929.30' WATER SHED GAMBLE RUN
DISTRICT LINCOLN COUNTY TYLER
QUADRANGLE PADEN CITY 7.5' (1976)

SURFACE OWNER LEON BILLITER ACREAGE 65
OIL & GAS ROYALTY OWNER LEON BILLITER LEASE ACREAGE 65
LEASE NO. _____

PROPOSED WORK: DRILL X CONVERT _____ DRILL DEEPER _____ REDRILL _____ FRACTURE OR
STIMULATE _____ PLUG OFF OLD FORMATION _____ PERFORATE NEW
FORMATION _____ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
TARGET FORMATION FIFTH SAND/GORDON ESTIMATED DEPTH 4000'
WELL OPERATOR APPLIED MECHANICS CORP. DESIGNATED AGENT C.L. STOUT
ADDRESS RT. 1 BOX 41J ADDRESS RT. 1 BOX 41J
BRIDGEPORT, W.V. 26330 BRIDGEPORT, W.V. 26330

12/22/2023